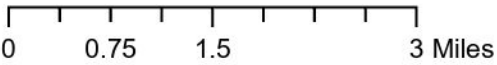
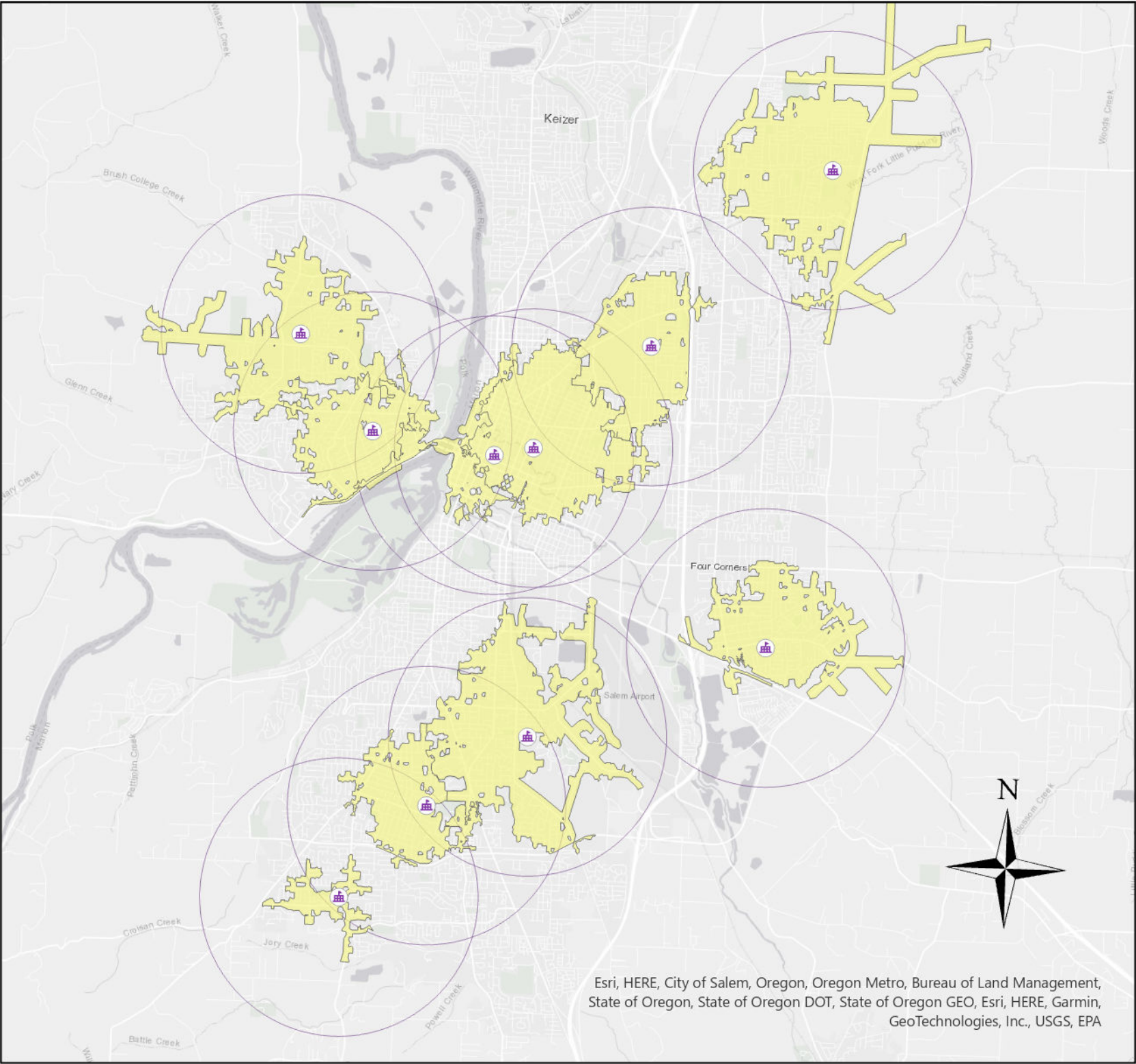


Figure 1



Legend

- Service Area (Yellow polygon)
- Middle Schools (Purple school icon)
- Buffer (Purple circle)

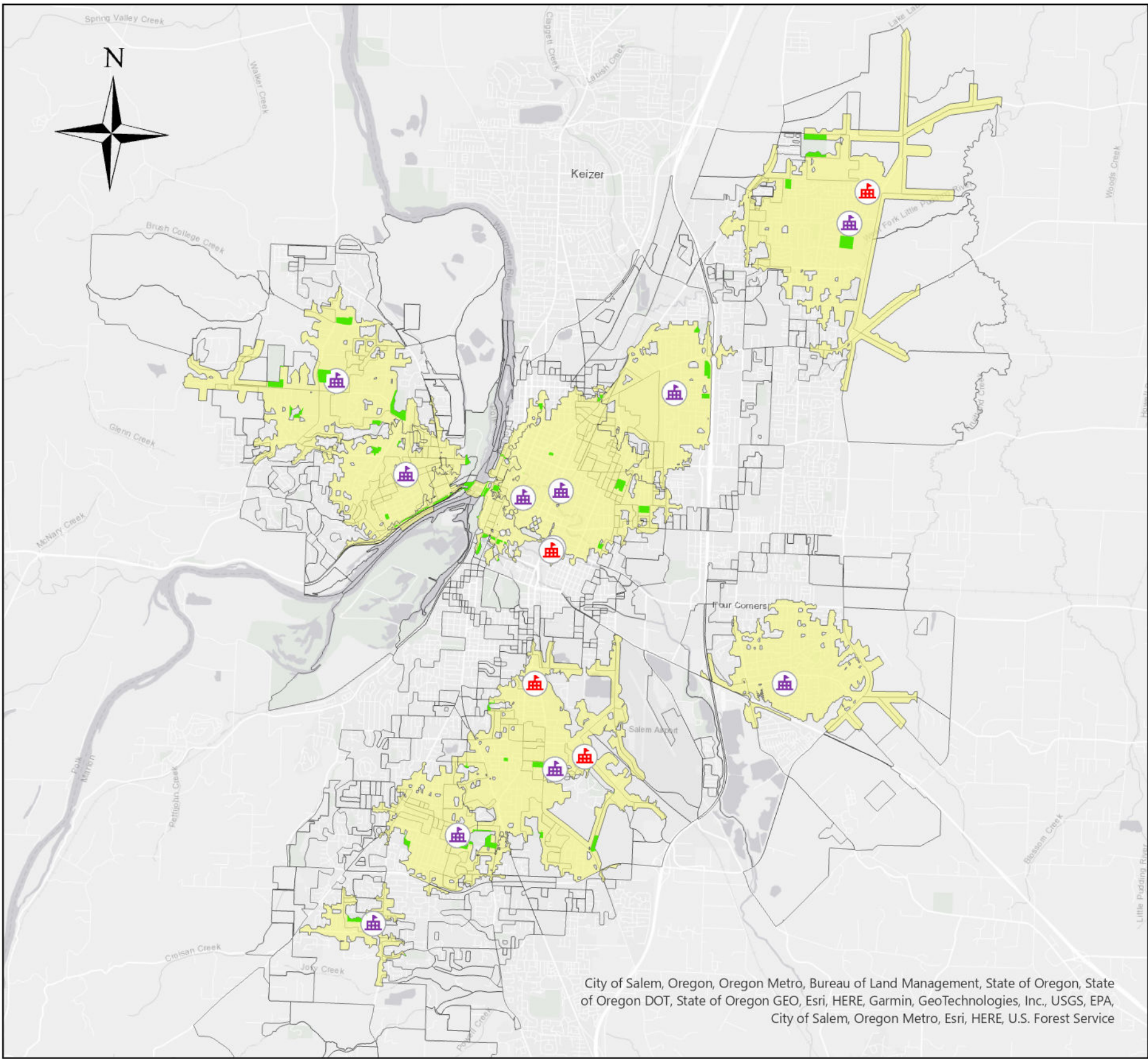
This map compares the area sizes of a euclidean buffer vs a service area. The Euclidean buffer areas were defined by 1.5 miles. The service ares were defined by a 4 minute drive time, dependent on the street network data. The tables below were exported from the attribute table for buffered middle schools. The last column is from the service areas.

ID	Place Name	BUFF_DIST	SHAPE_Area	Shape_Area
1	STEPHENS MIDDLE SCHOOL	7920	197060797.426135	0.000906
2	ROBERT W STRAUB MIDDLE SCHOOL	7920	197060797.426135	0.000605
3	CROSSLER MIDDLE SCHOOL	7920	197060797.426135	0.000105
4	JUDSON MIDDLE SCHOOL	7920	197060797.426135	0.000361
5	LESLIE MIDDLE SCHOOL	7920	197060797.426135	0.000779
6	HOUCK MIDDLE SCHOOL	7920	197060797.426135	0.000485
7	WALKER MIDDLE SCHOOL	7920	197060797.426135	0.000386
8	HOWARD STREET CHARTER SCHOOL	7920	197060797.426135	0.000446
9	PARRISH MIDDLE SCHOOL	7920	197060797.426135	0.0007
10	WALDO MIDDLE SCHOOL	7920	197060797.426135	0.000443

Esri, HERE, City of Salem, Oregon, Oregon Metro, Bureau of Land Management, State of Oregon, State of Oregon DOT, State of Oregon GEO, Esri, HERE, Garmin, GeoTechnologies, Inc., USGS, EPA

Figure 2

Arden Culver



0 0.75 1.5 3 Miles

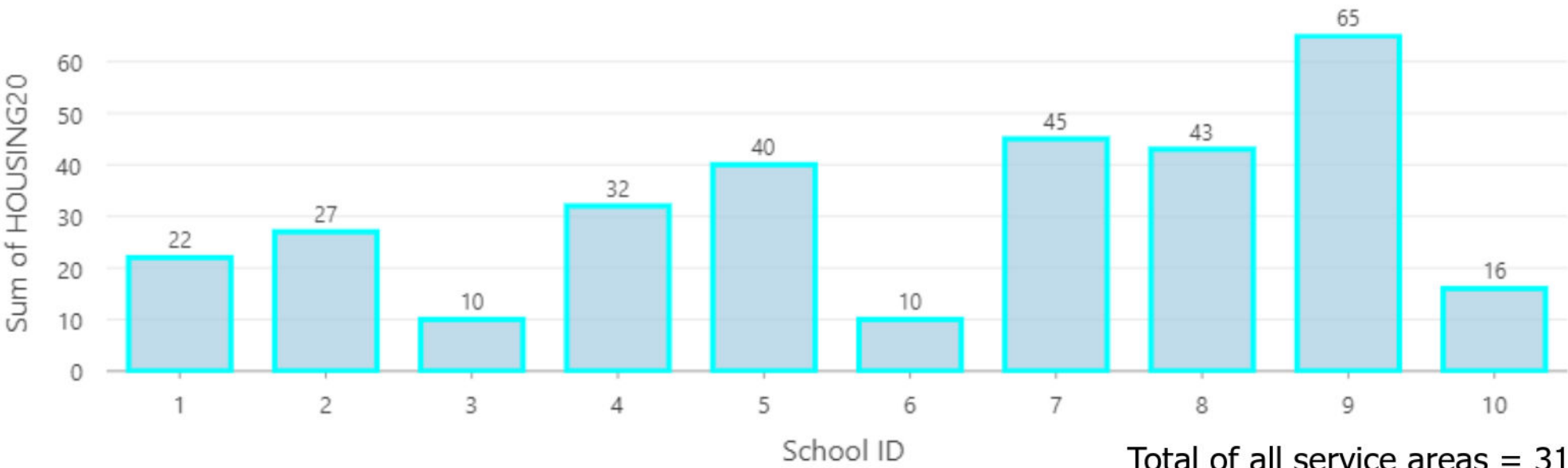
Legend

Middle Schools Other Schools Census Blocks

Parks Service Area

ID Place Name		ID Place Name	
1	STEPHENS MIDDLE SCHOOL	6	HOUCK MIDDLE SCHOOL
2	ROBERT W STRAUB MIDDLE SCHOOL	7	WALKER MIDDLE SCHOOL
3	CROSSLER MIDDLE SCHOOL	8	HOWARD STREET CHARTER SCHOOL
4	JUDSON MIDDLE SCHOOL	9	PARRISH MIDDLE SCHOOL
5	LESLIE MIDDLE SCHOOL	10	WALDO MIDDLE SCHOOL

Total for Each School Service Area



Total of all service areas = 310

Judson Middle School Service Area (4 Minute Walk)

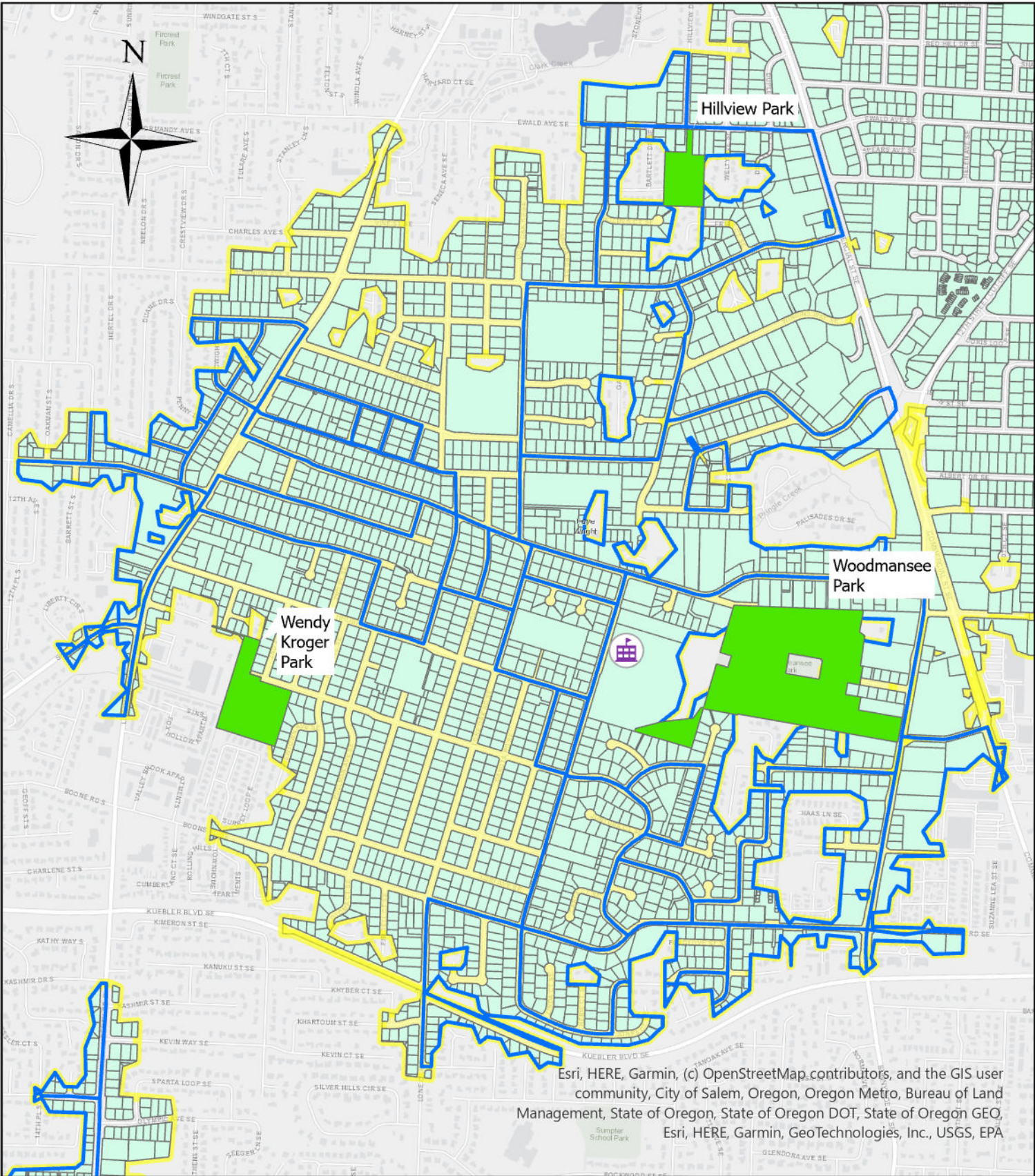


Figure 3
Arden Culver

