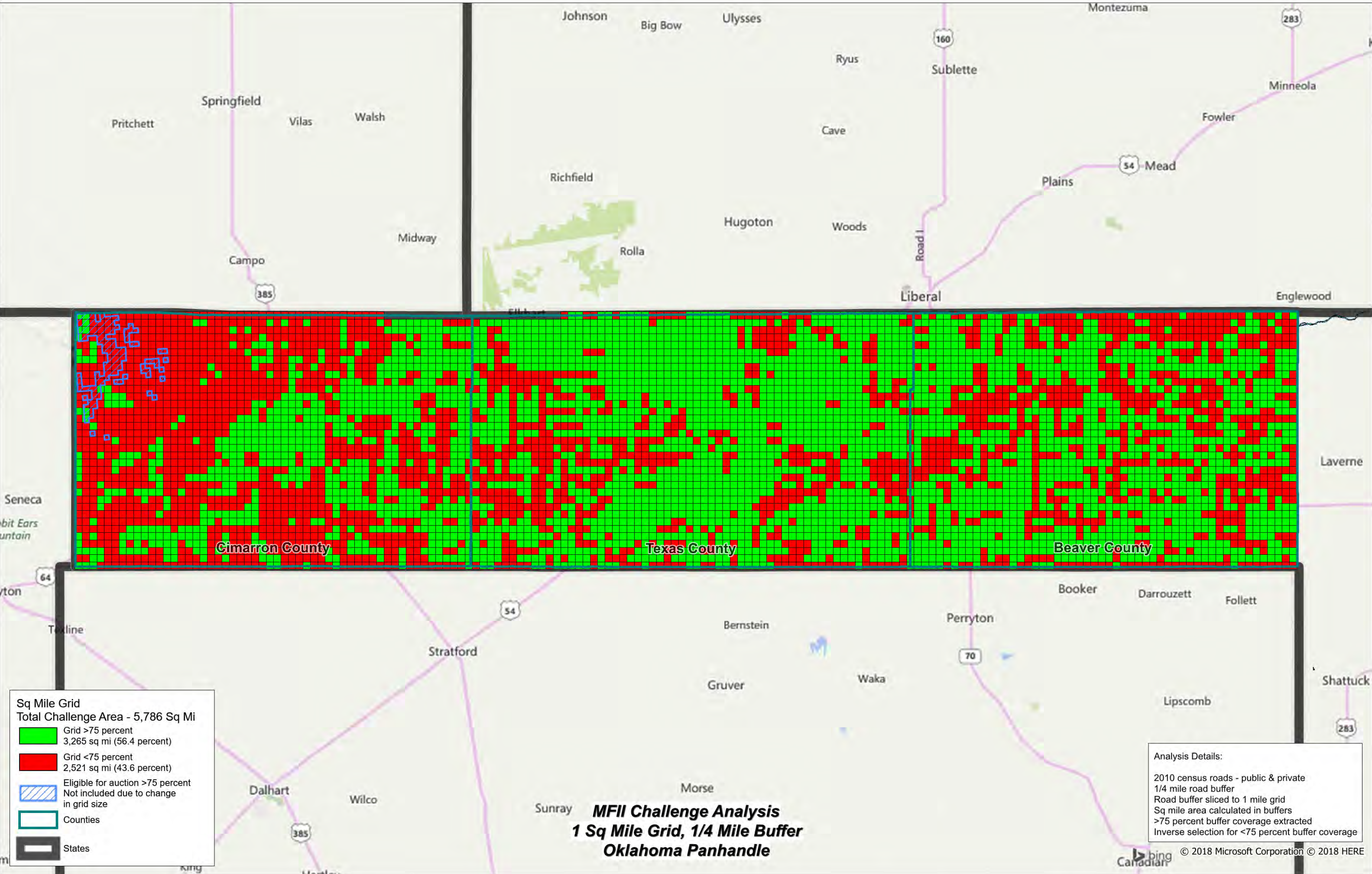


**Attachment F –
MF-II Challenge Analysis Using Square Mile Grid Cell
and 1/4 Mile Buffer Radius**



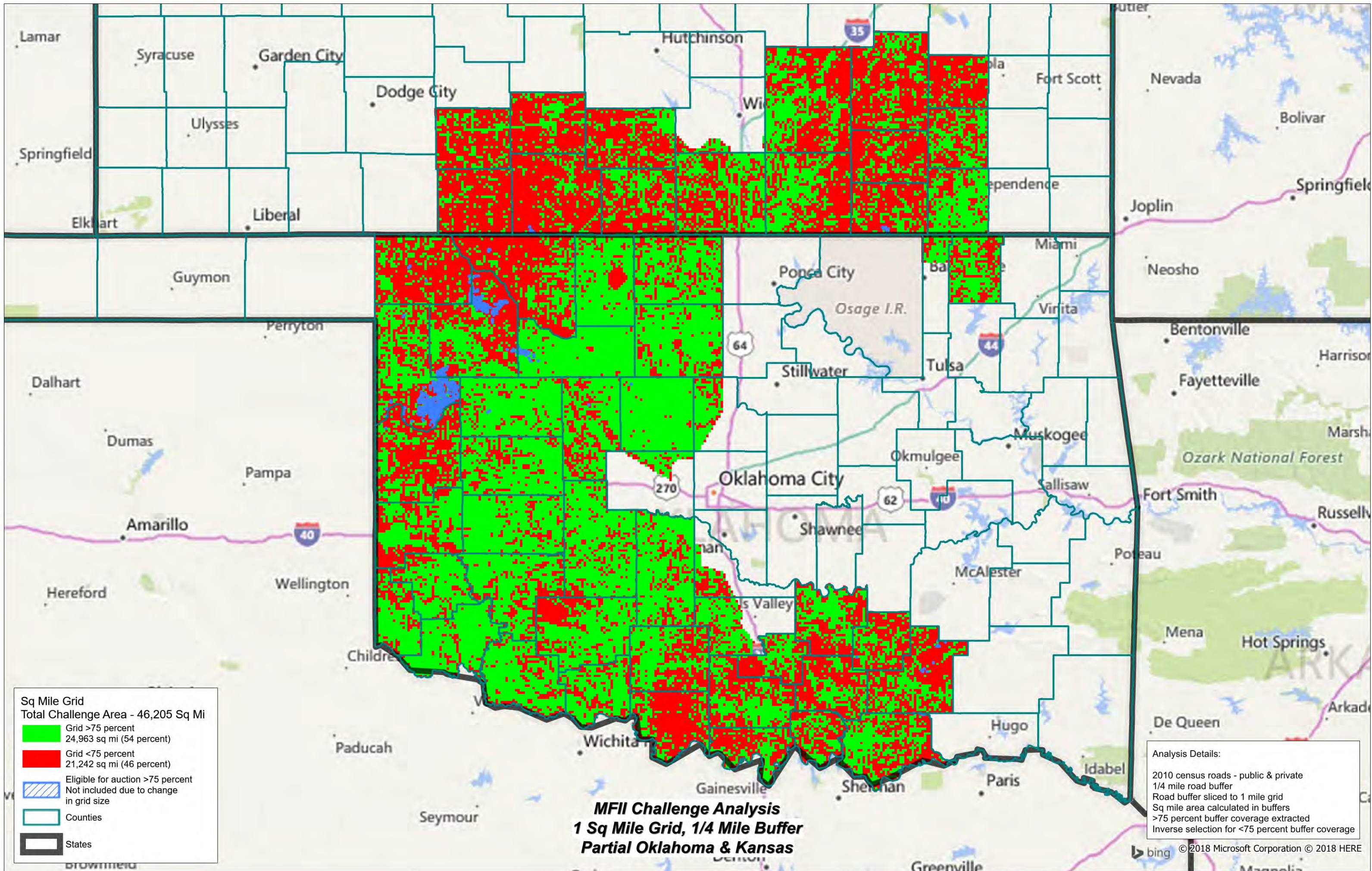
Sq Mile Grid
Total Challenge Area - 5,786 Sq Mi

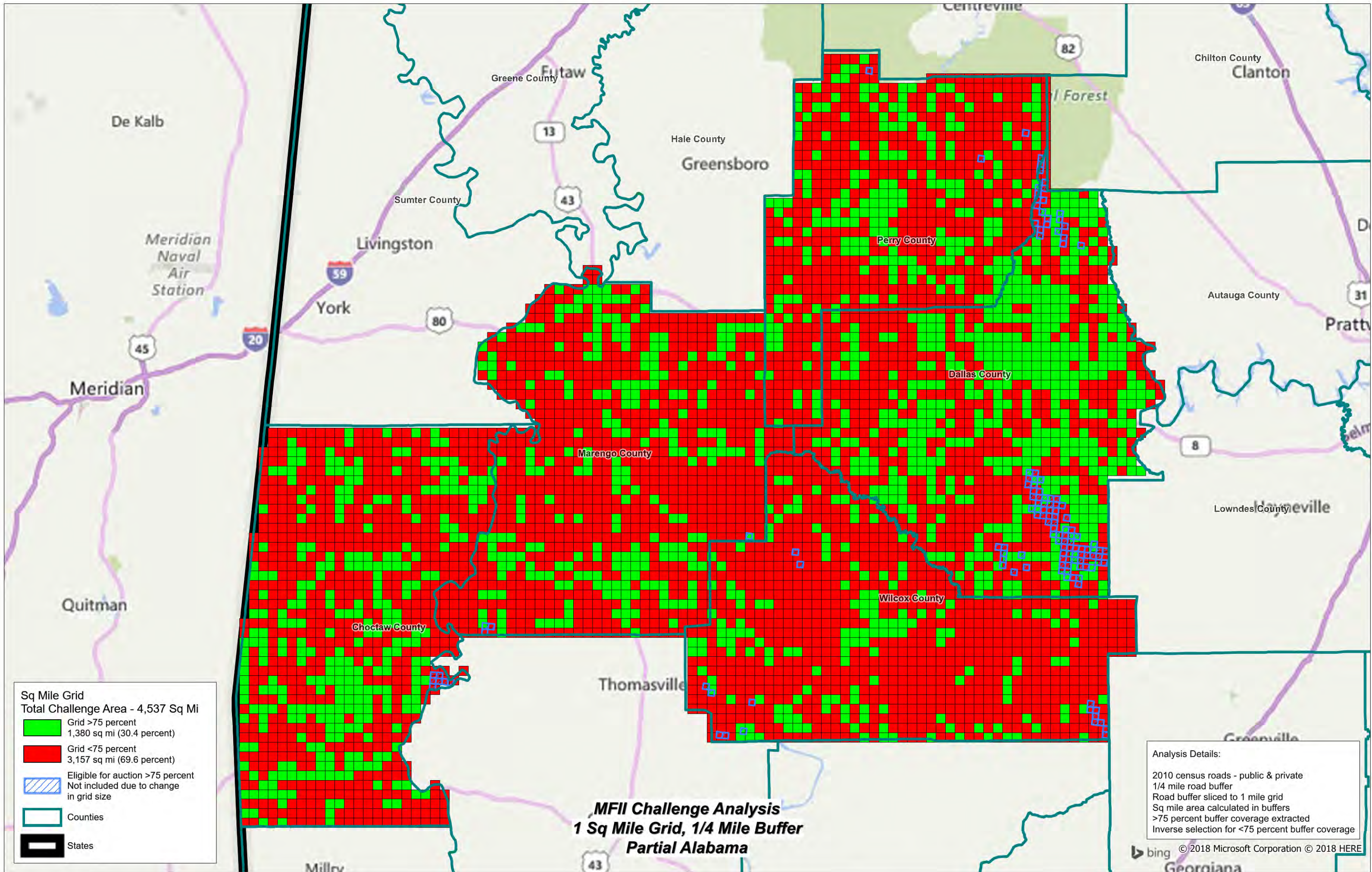
<div></div>	Grid >75 percent 3,265 sq mi (56.4 percent)
<div></div>	Grid <75 percent 2,521 sq mi (43.6 percent)
<div></div>	Eligible for auction >75 percent Not included due to change in grid size
<div></div>	Counties
<div></div>	States

MFII Challenge Analysis
1 Sq Mile Grid, 1/4 Mile Buffer
Oklahoma Panhandle

Analysis Details:

2010 census roads - public & private
1/4 mile road buffer
Road buffer sliced to 1 mile grid
Sq mile area calculated in buffers
>75 percent buffer coverage extracted
Inverse selection for <75 percent buffer coverage





Sq Mile Grid
Total Challenge Area - 4,537 Sq Mi

- Grid >75 percent
1,380 sq mi (30.4 percent)
- Grid <75 percent
3,157 sq mi (69.6 percent)
- Eligible for auction >75 percent
Not included due to change
in grid size
- Counties
- States

Analysis Details:

2010 census roads - public & private
1/4 mile road buffer
Road buffer sliced to 1 mile grid
Sq mile area calculated in buffers
>75 percent buffer coverage extracted
Inverse selection for <75 percent buffer coverage

MFII Challenge Analysis
1 Sq Mile Grid, 1/4 Mile Buffer
Partial Alabama

