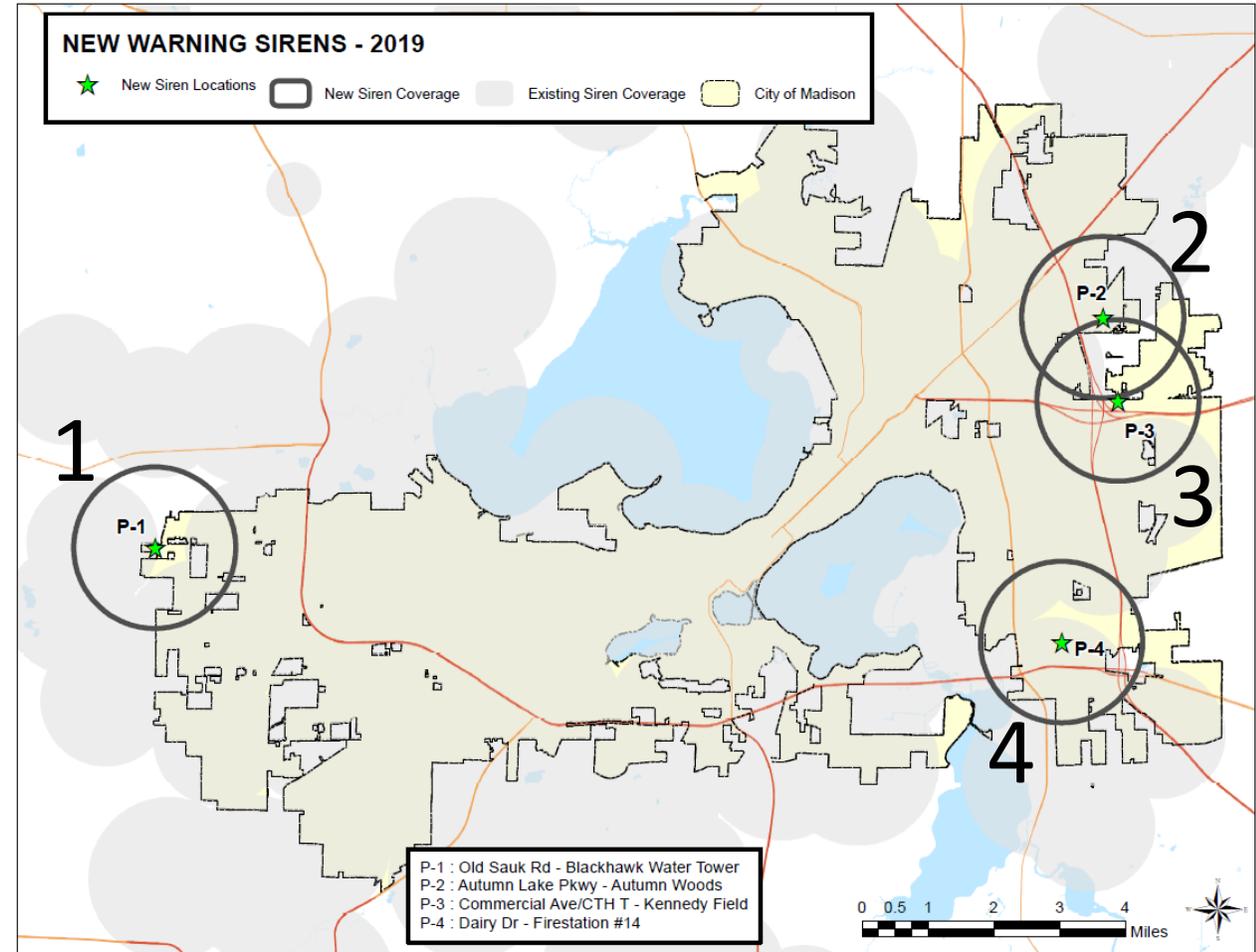


City of Madison
2019 Warning Sirens

Location Considerations

- Current siren coverage
- New developments
- Distance from homes/businesses
- Proximity to major roads
- Utility hook up costs
- Maintenance access

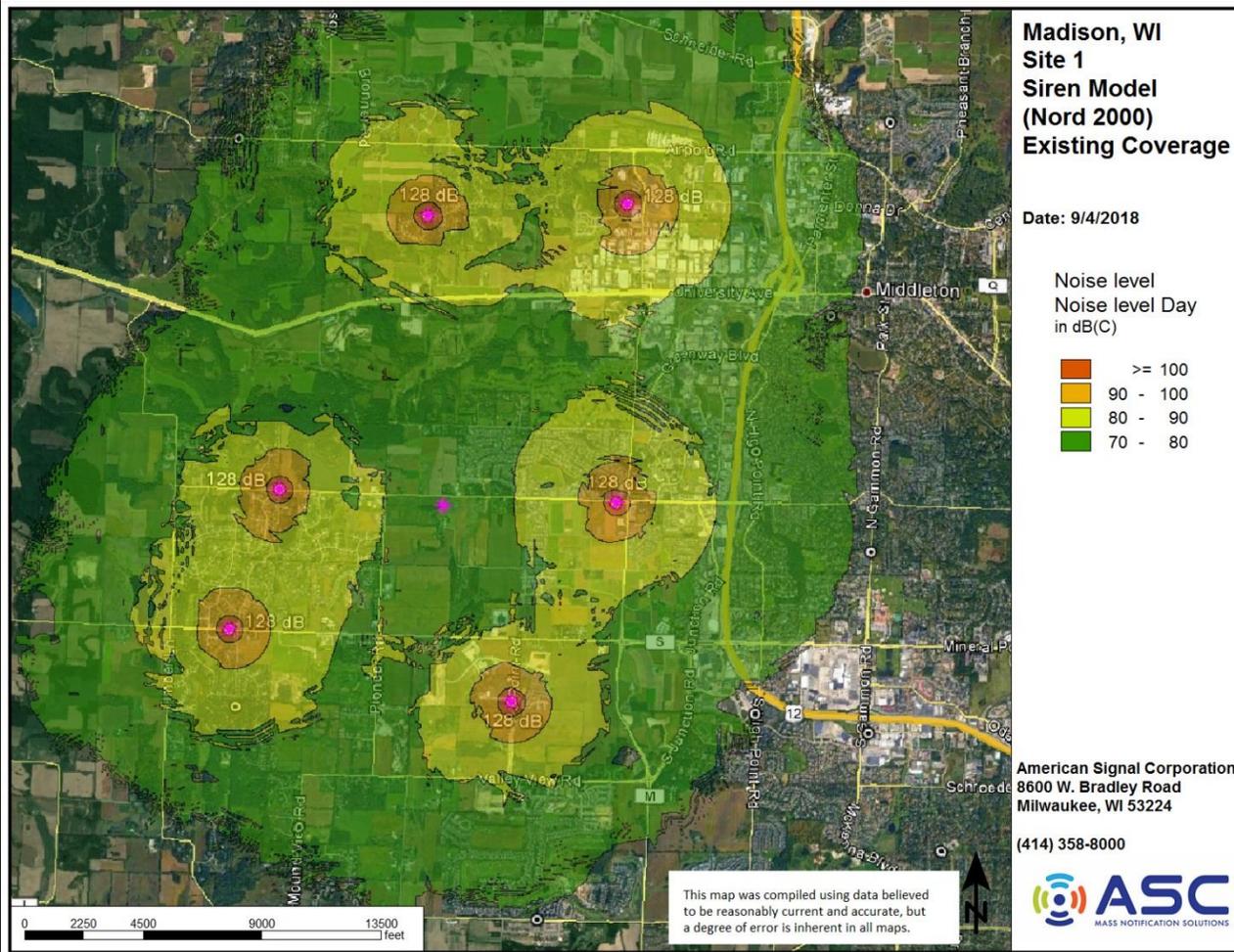


Siren Specifications

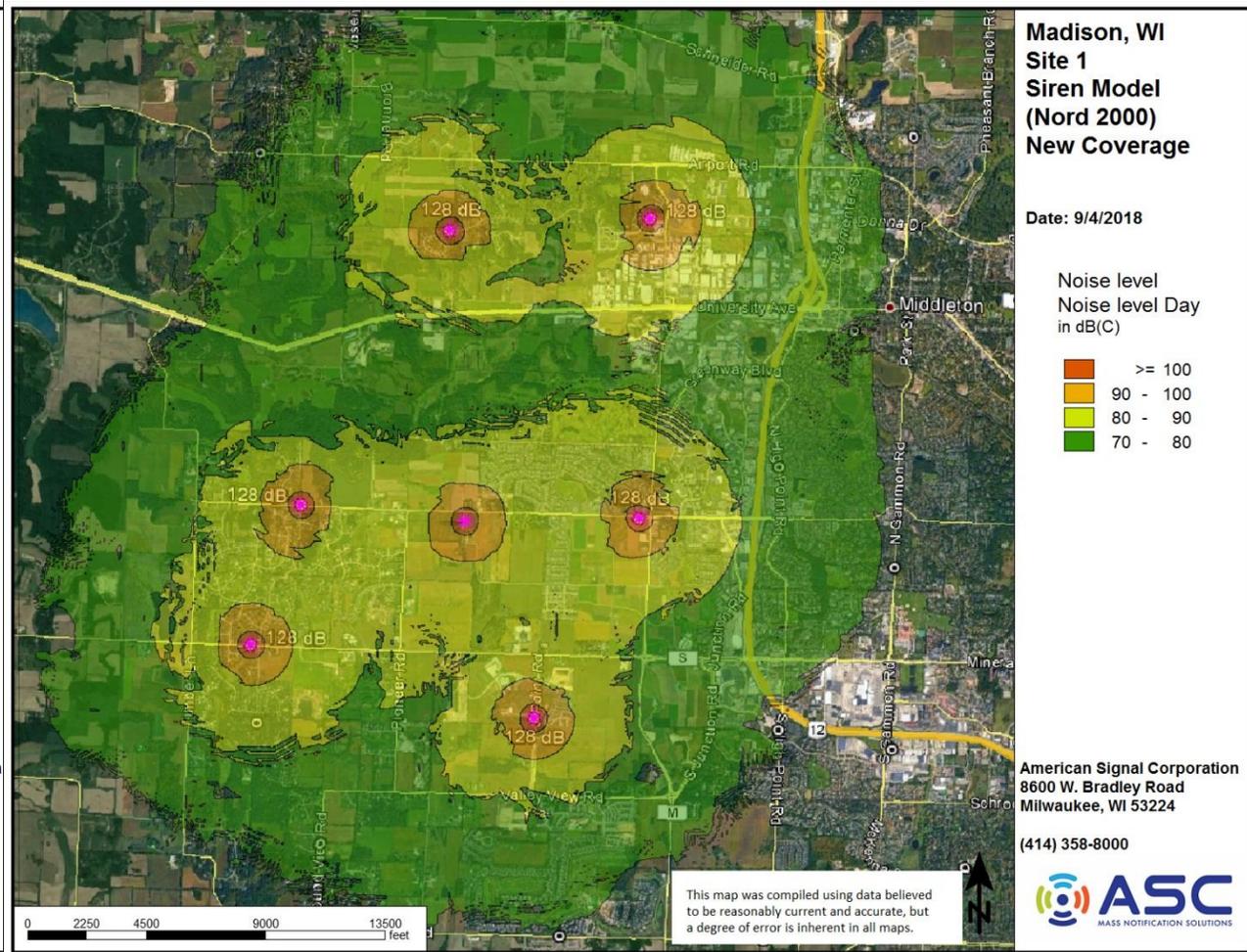
- 128/130 db mechanical sirens
 - ~ 1 mile radius
- ATI Controller
- 65 ft poles



Site P-1 Siren Coverage

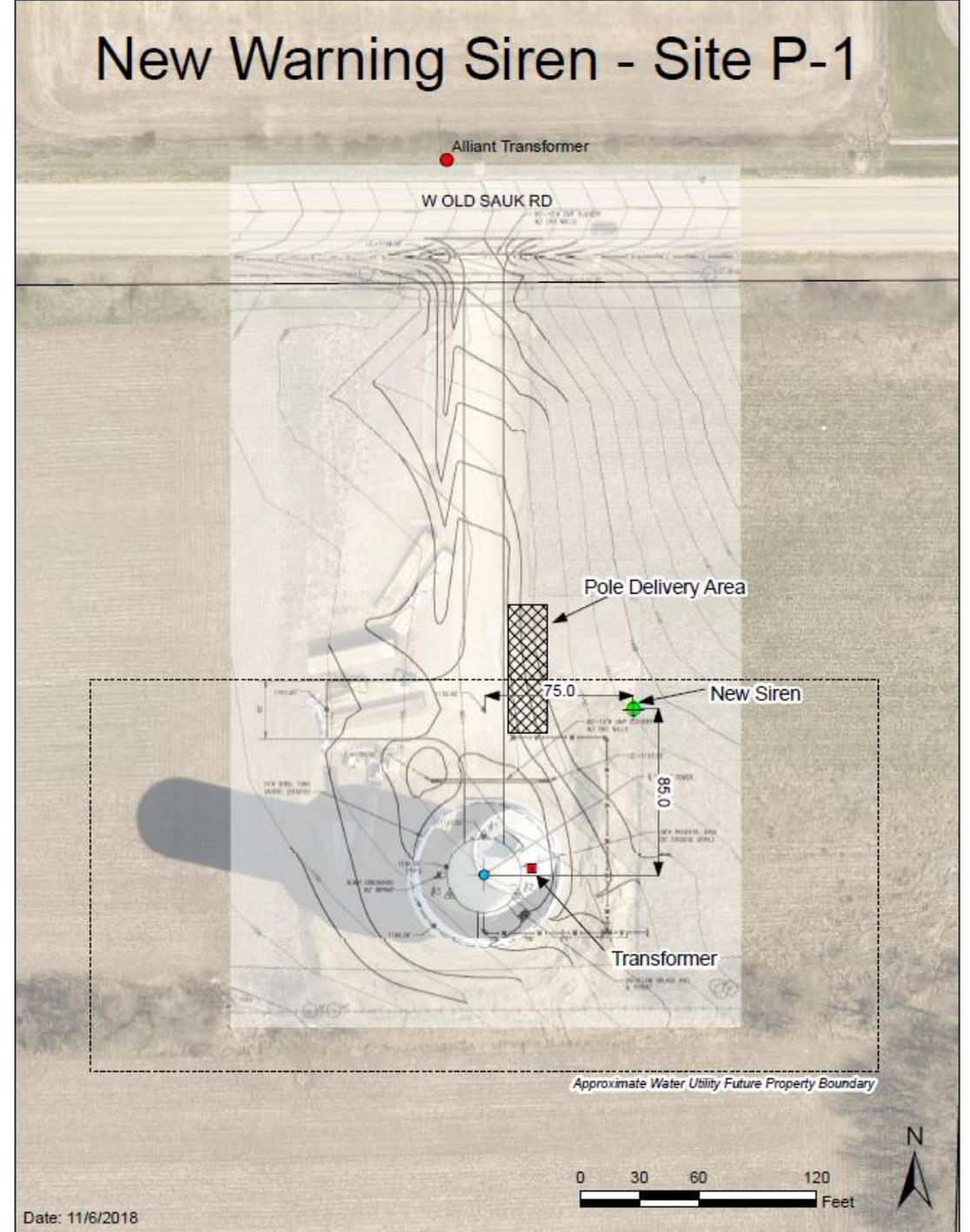
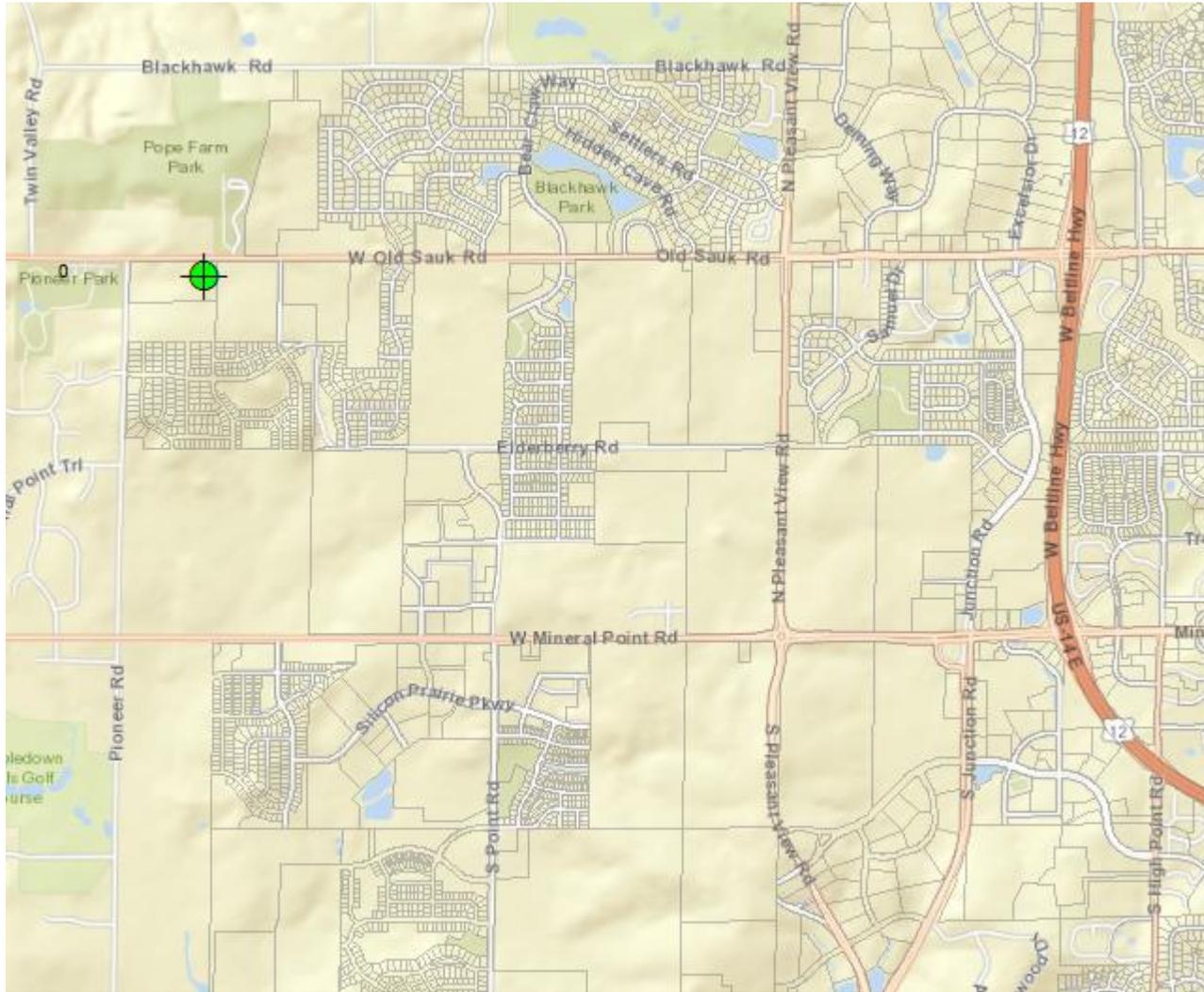


Existing

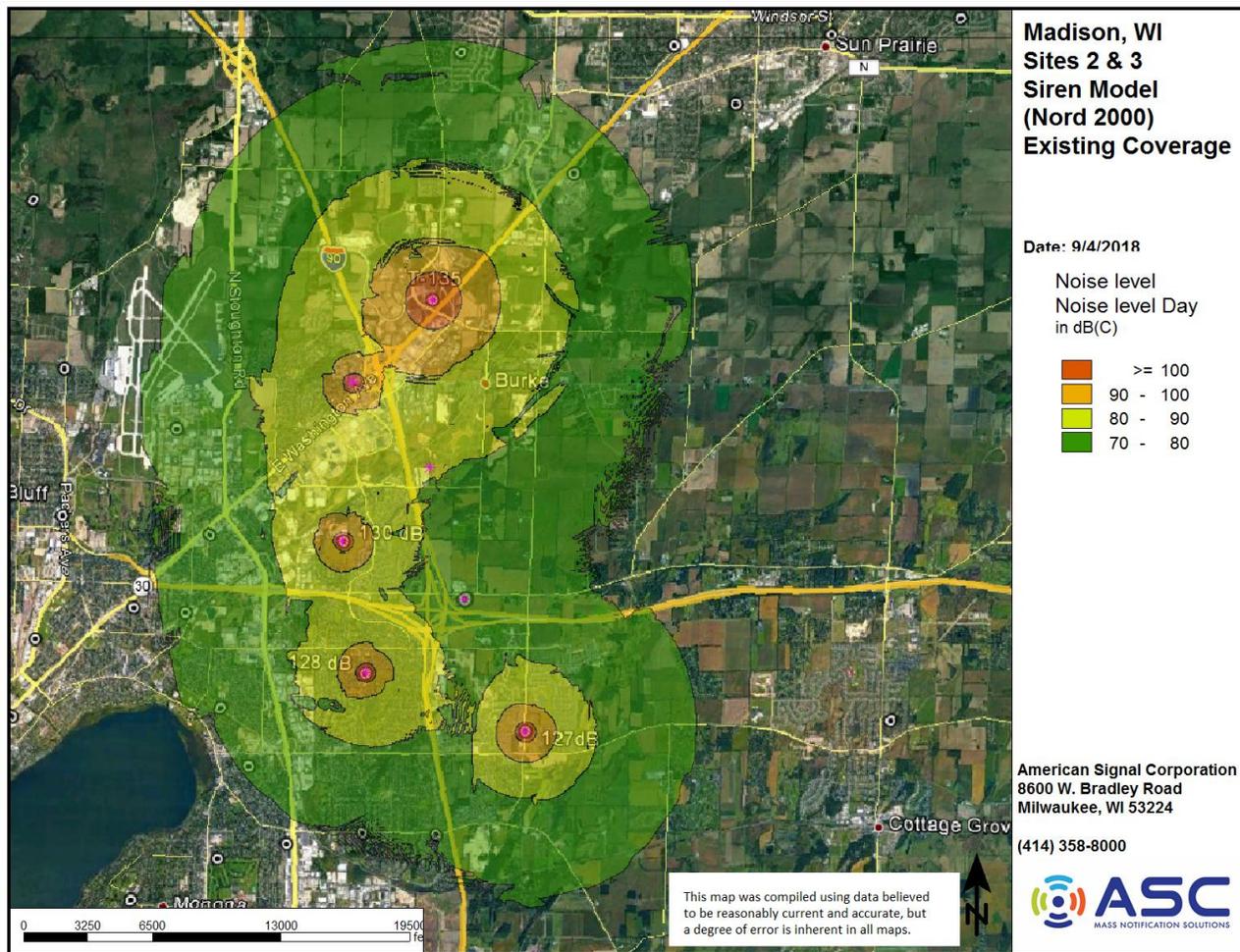


Proposed

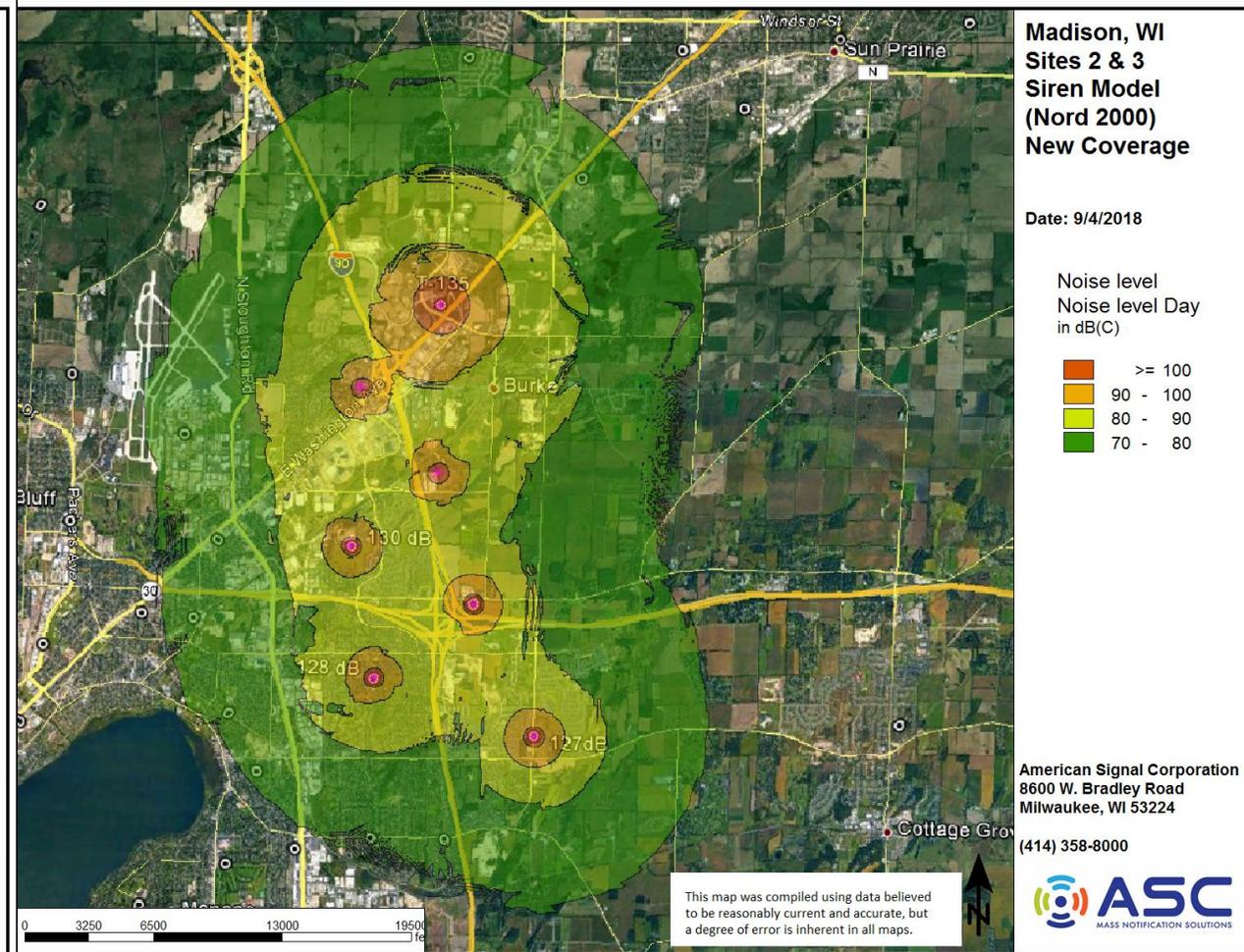
New Warning Siren - Site P-1



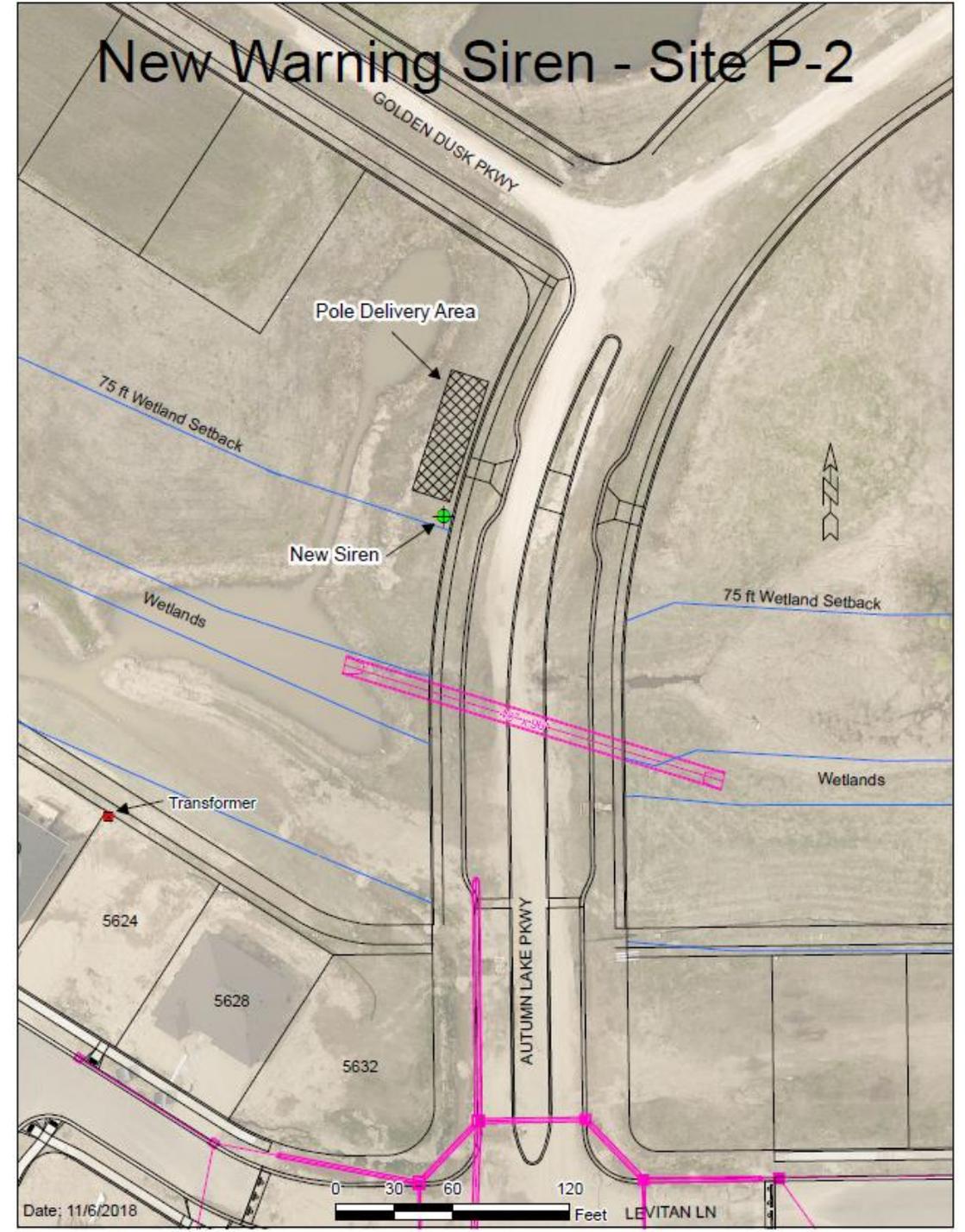
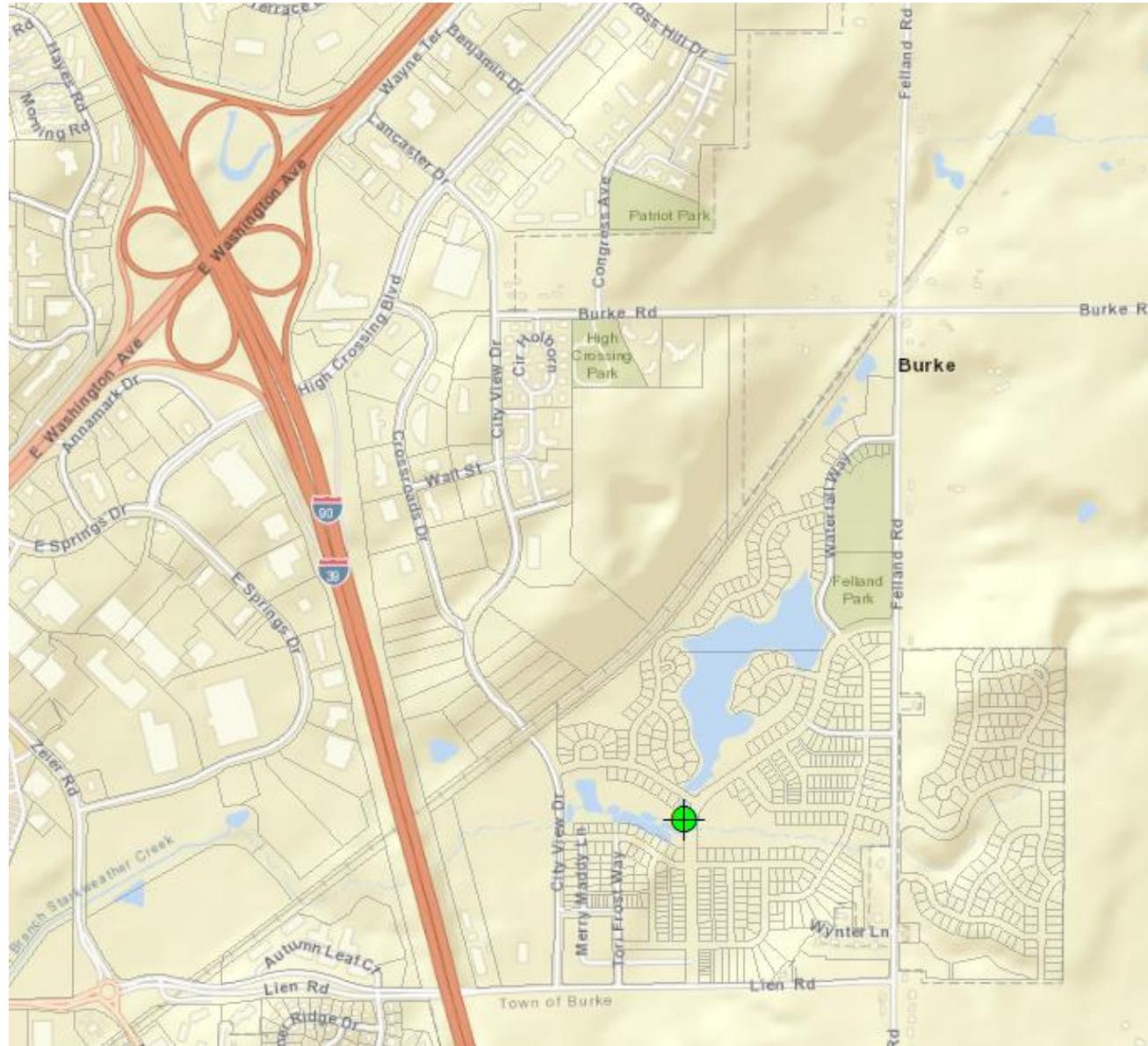
Sites P-2&3 Siren Coverage

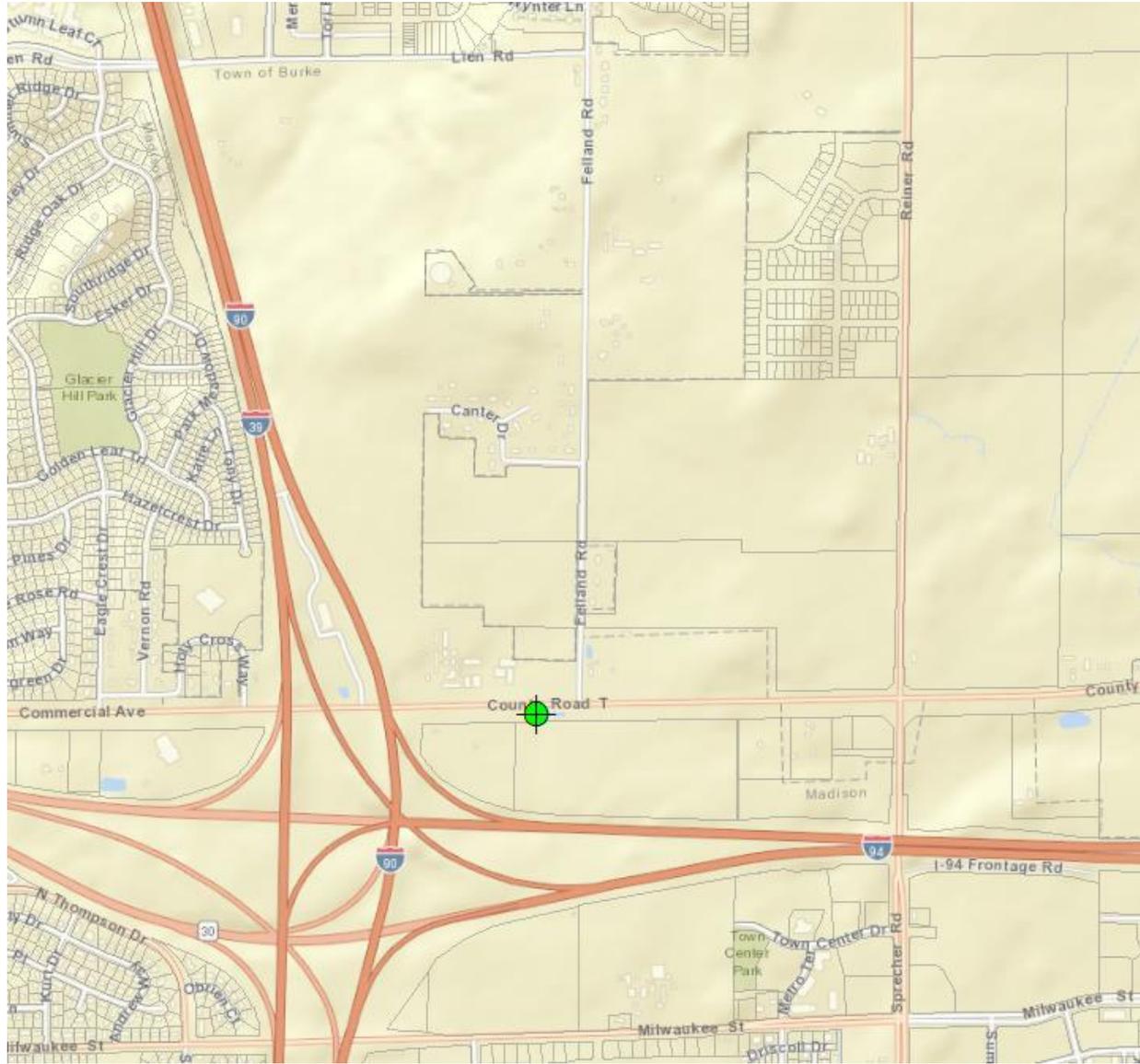


Existing

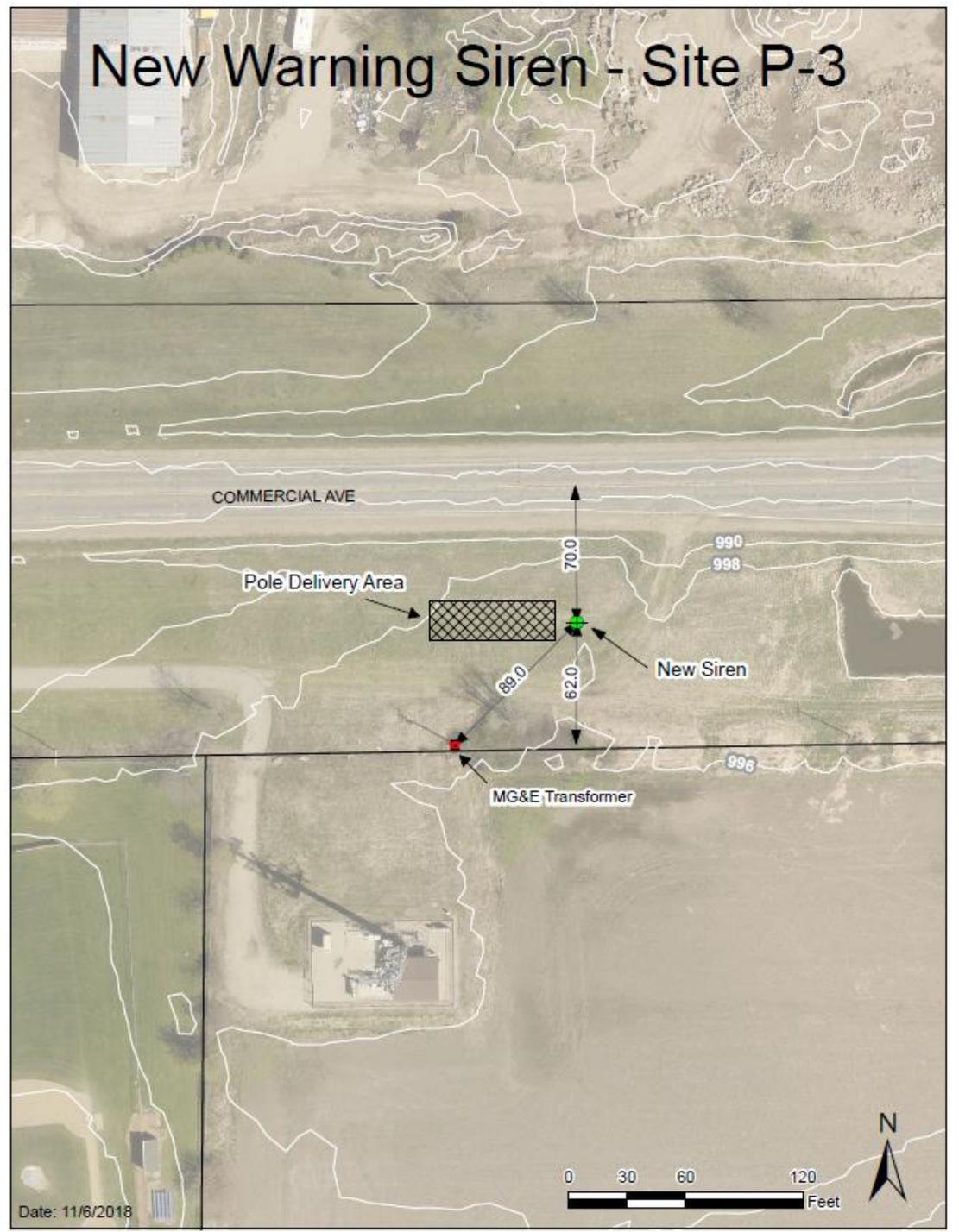


Proposed

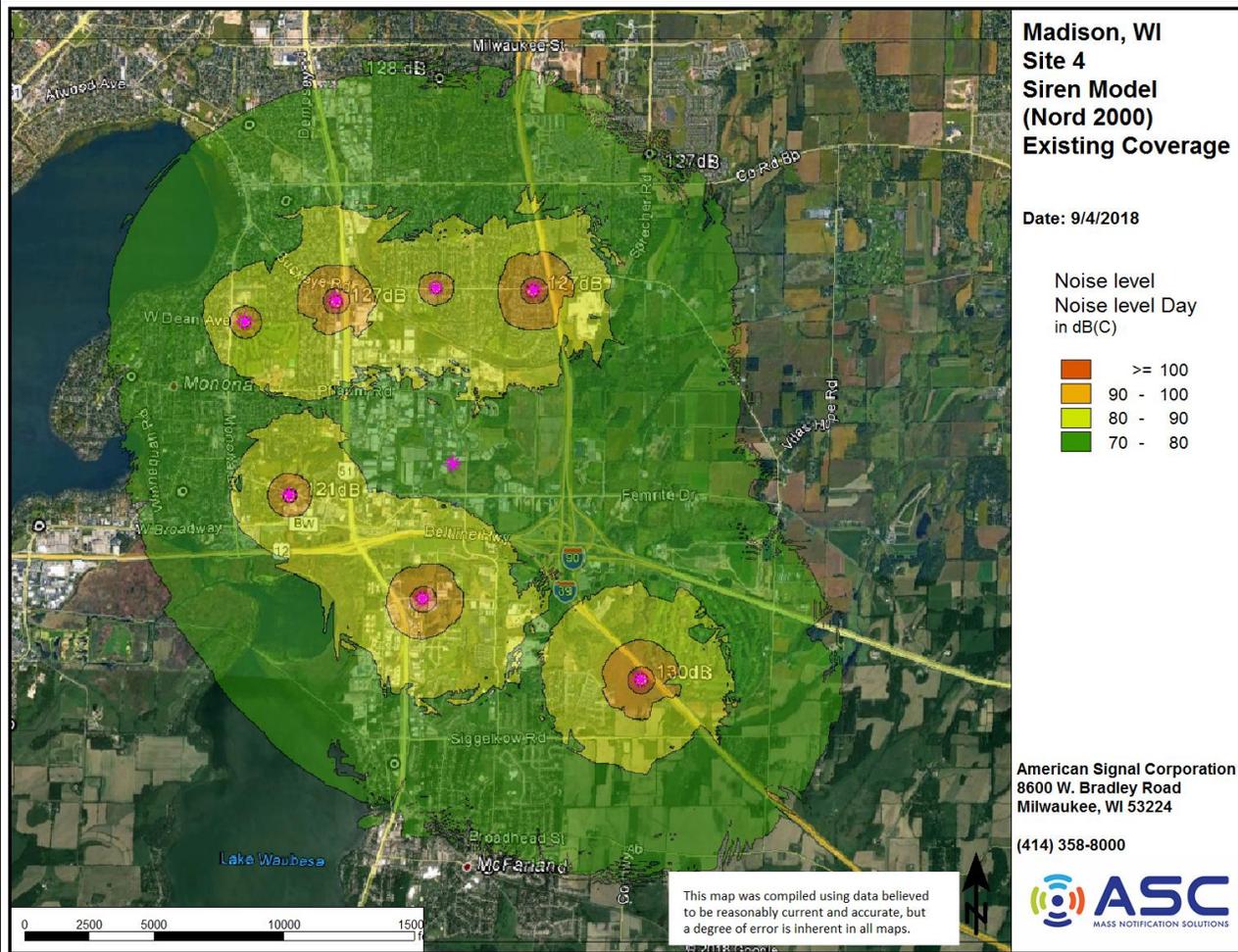




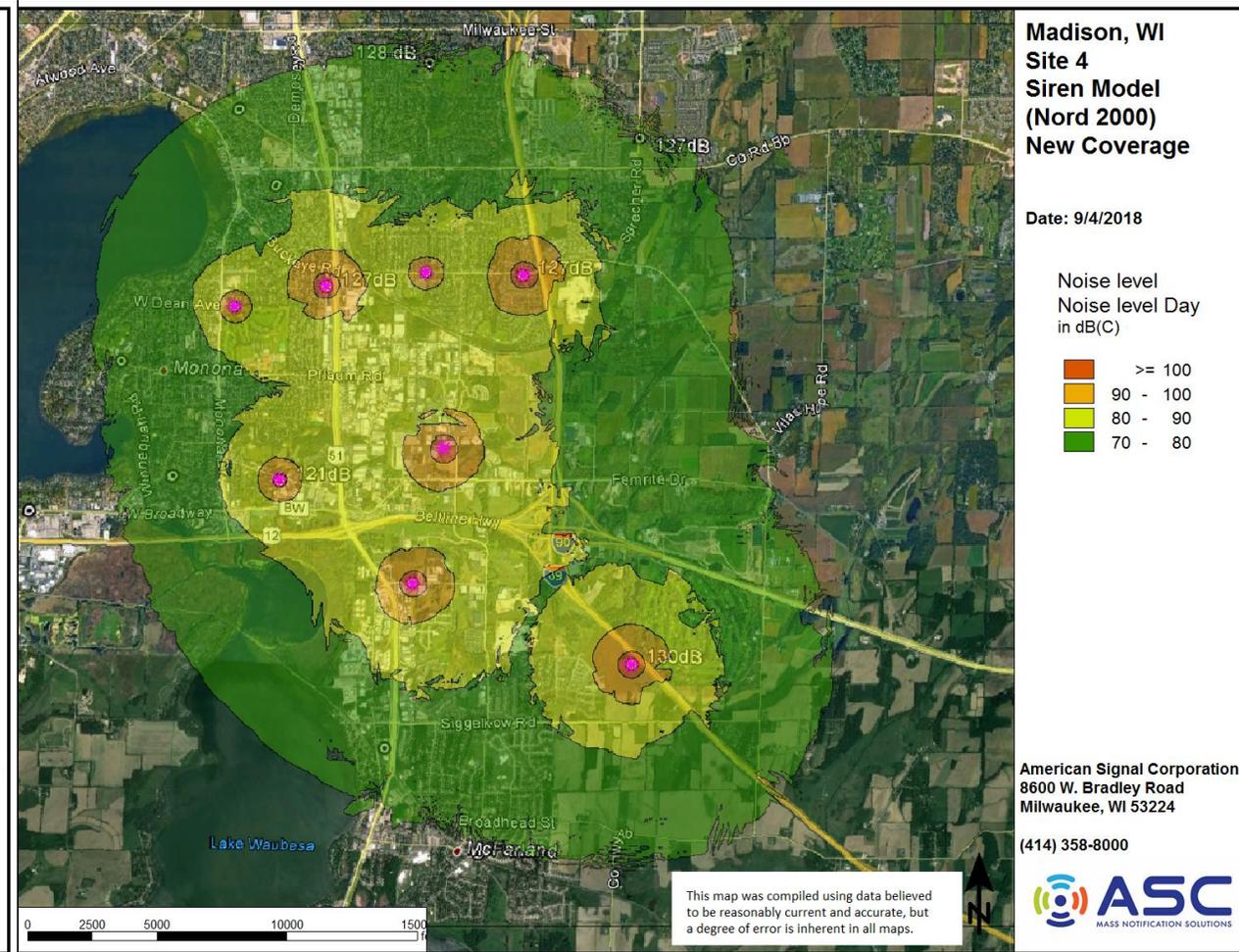
New Warning Siren - Site P-3



Site P-4 Siren Coverage

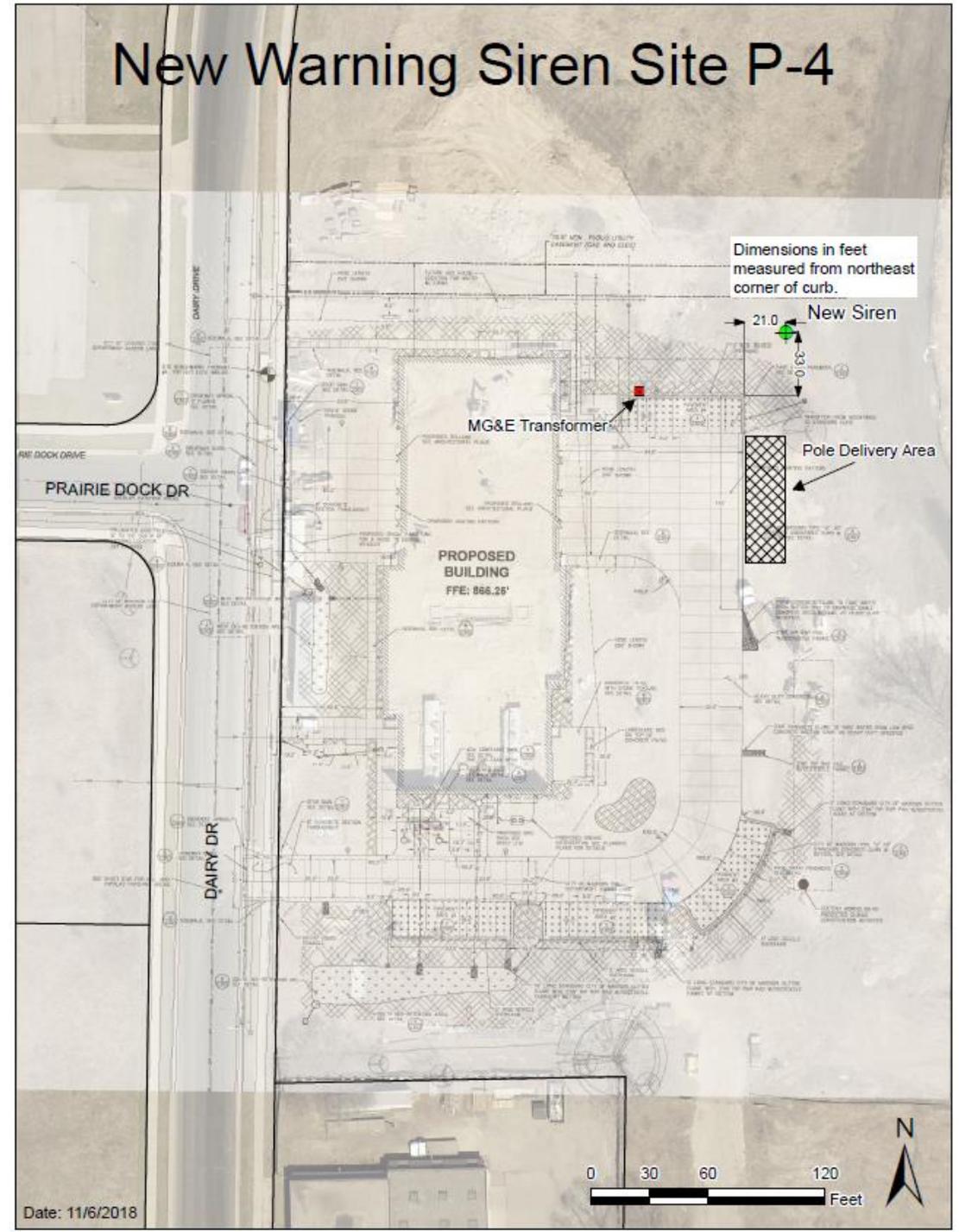
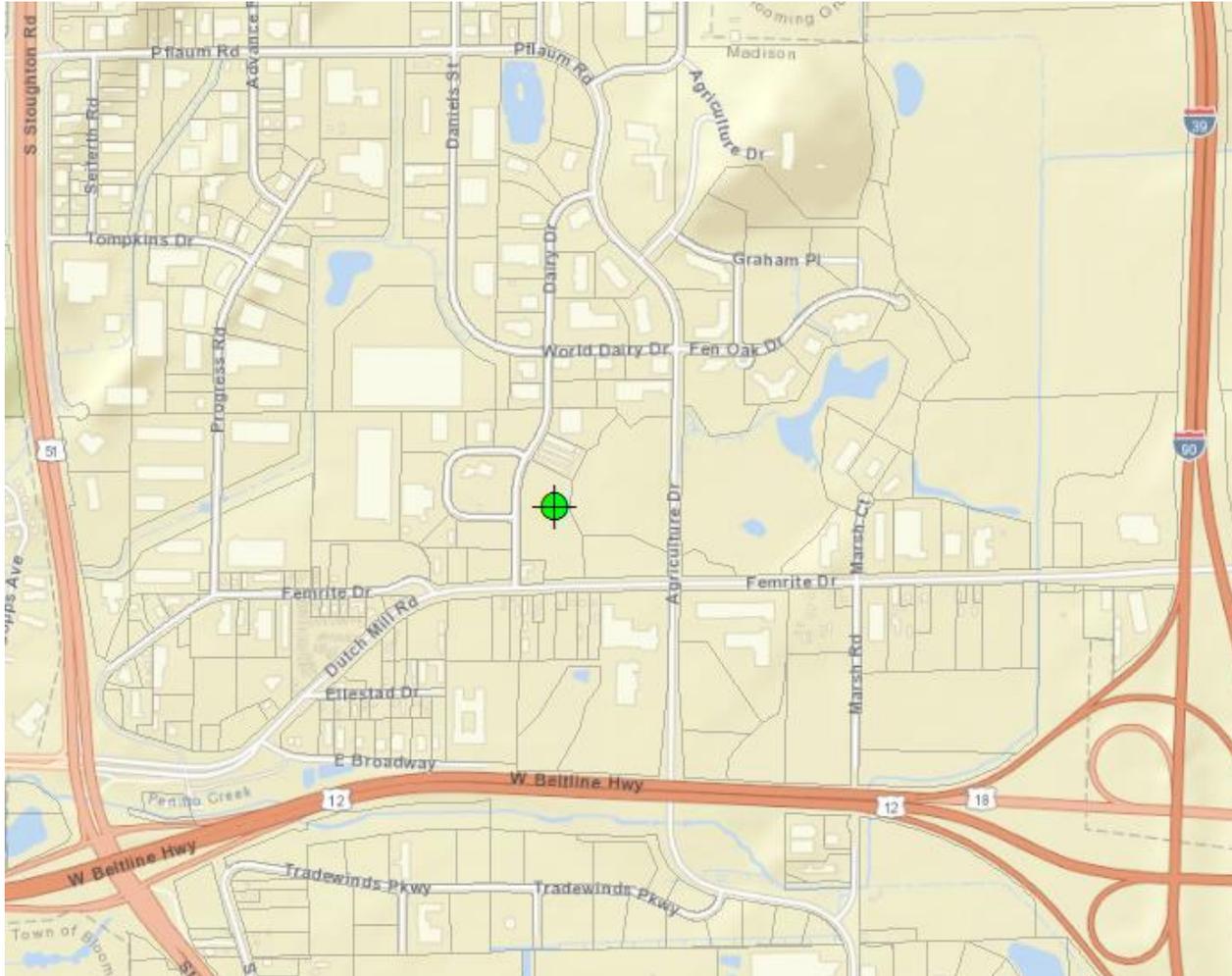


Existing



Proposed

New Warning Siren Site P-4



Costs

- Budget
 - 2018: \$60k
 - 2019: \$30k
- Cost per site ~\$20k-\$30k
 - May have to drop one site if bids come in too high