Data Processing Facility Analysis

Draft requirements include the following:

Section B: Use Separation

All equipment and structures within data processing facilities shall be a minimum of fifty feet from the boundary of the facility as delineated on the site plan, and one-quarter mile (1,320 feet) from any place of worship, school, or residence.

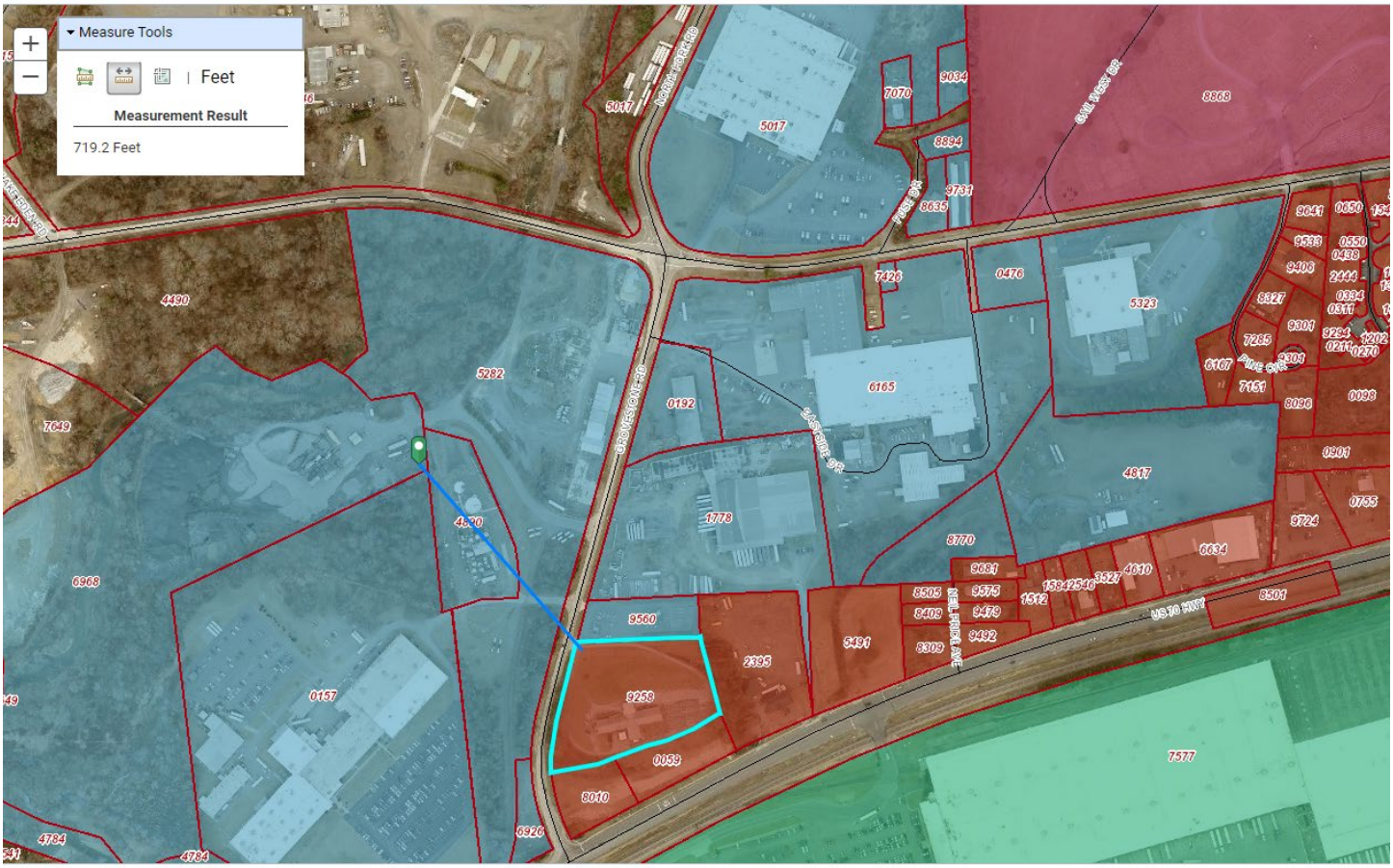
The following were selected to measure distances from two hypothetical locations for a Data Processing Facility:

- a place of worship immediately adjacent to HI-0 (1568 Grovestone Rd.)
- a residence within HI-0 (920 Old US 70 Hwy)
- a residence immediately adjacent to HI-0 (70 Pine Cir.)

Note: Since there are almost no vacant HI-0 parcels, the two hypothetical locations were selected assuming *redevelopment* of a parcel, or the *addition* of a data processing facility to an already-developed parcel.

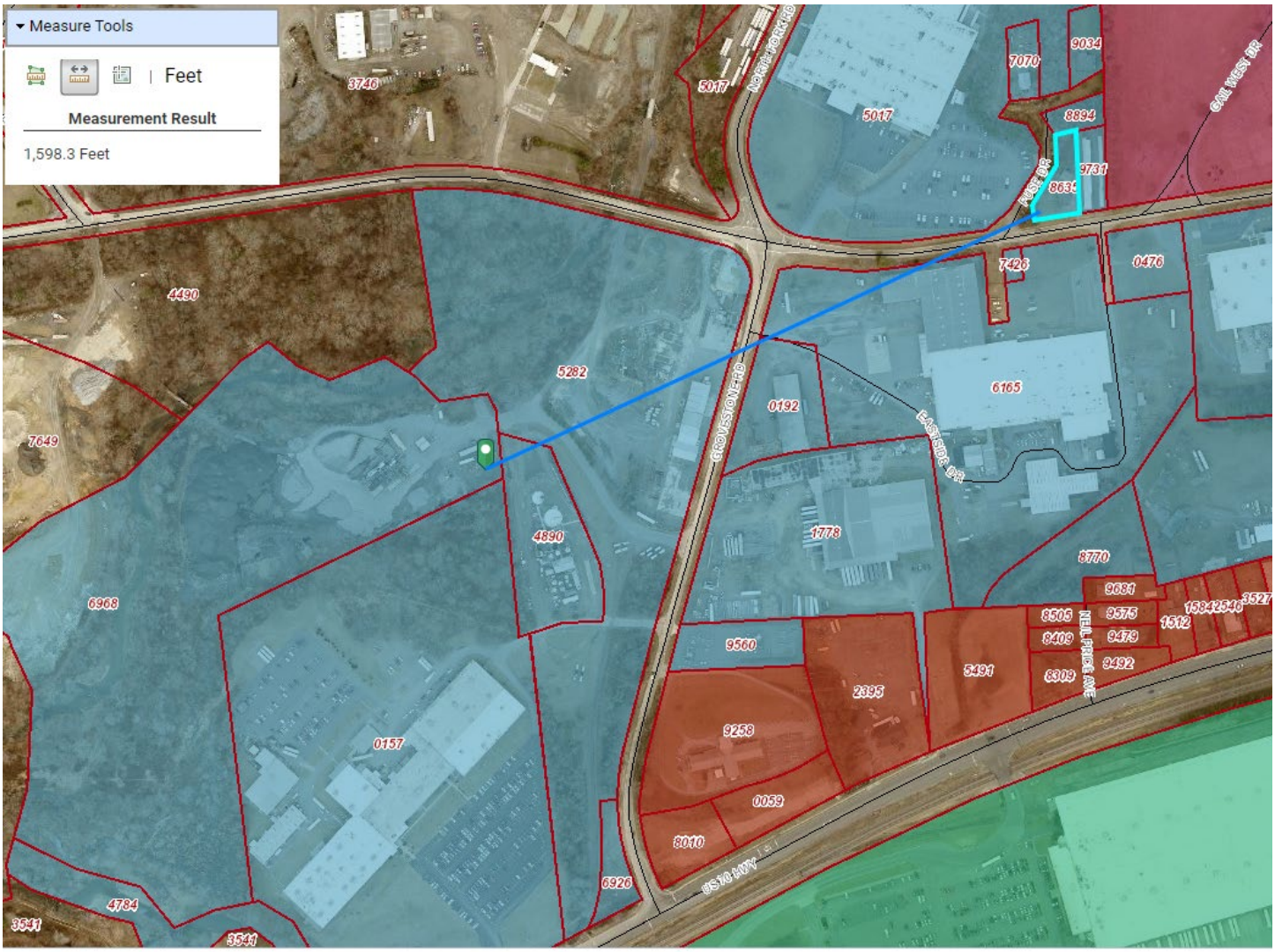
Example 1: Facility located on a parcel in the western end of HI-0 district
(1557 Grovestone Rd. - 969991696800000)
Nearest place of worship, school or residence is 719 feet away.

Place of Worship
1568 Grovestone Rd. (060902925800000) (Grovestone Baptist Church) – 719 feet



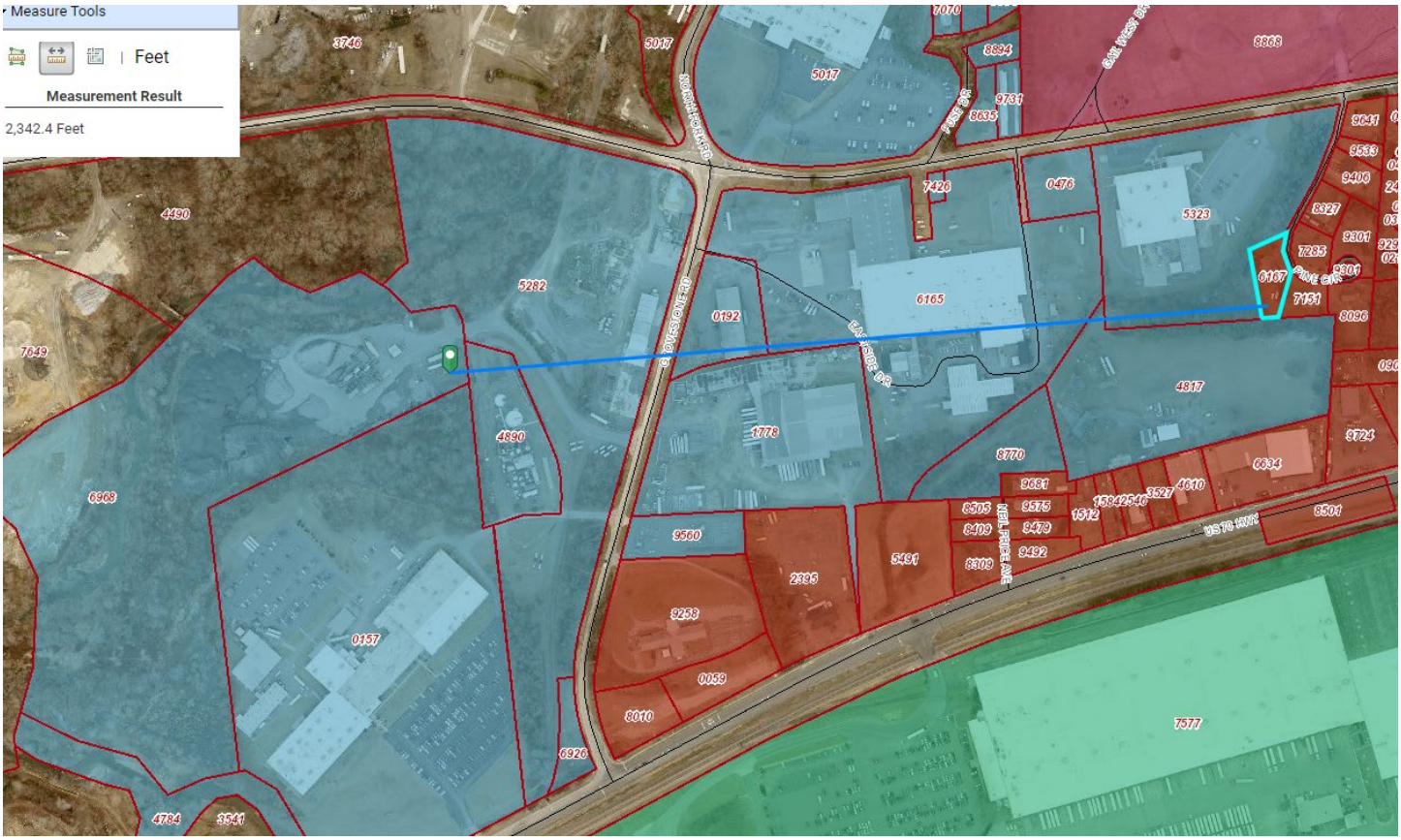
Example 1

Residence Within HI-0:
920 Old US 70 Hwy (060913863500000) (single family residence and secondary dwelling) – 1,598 feet



Example 1

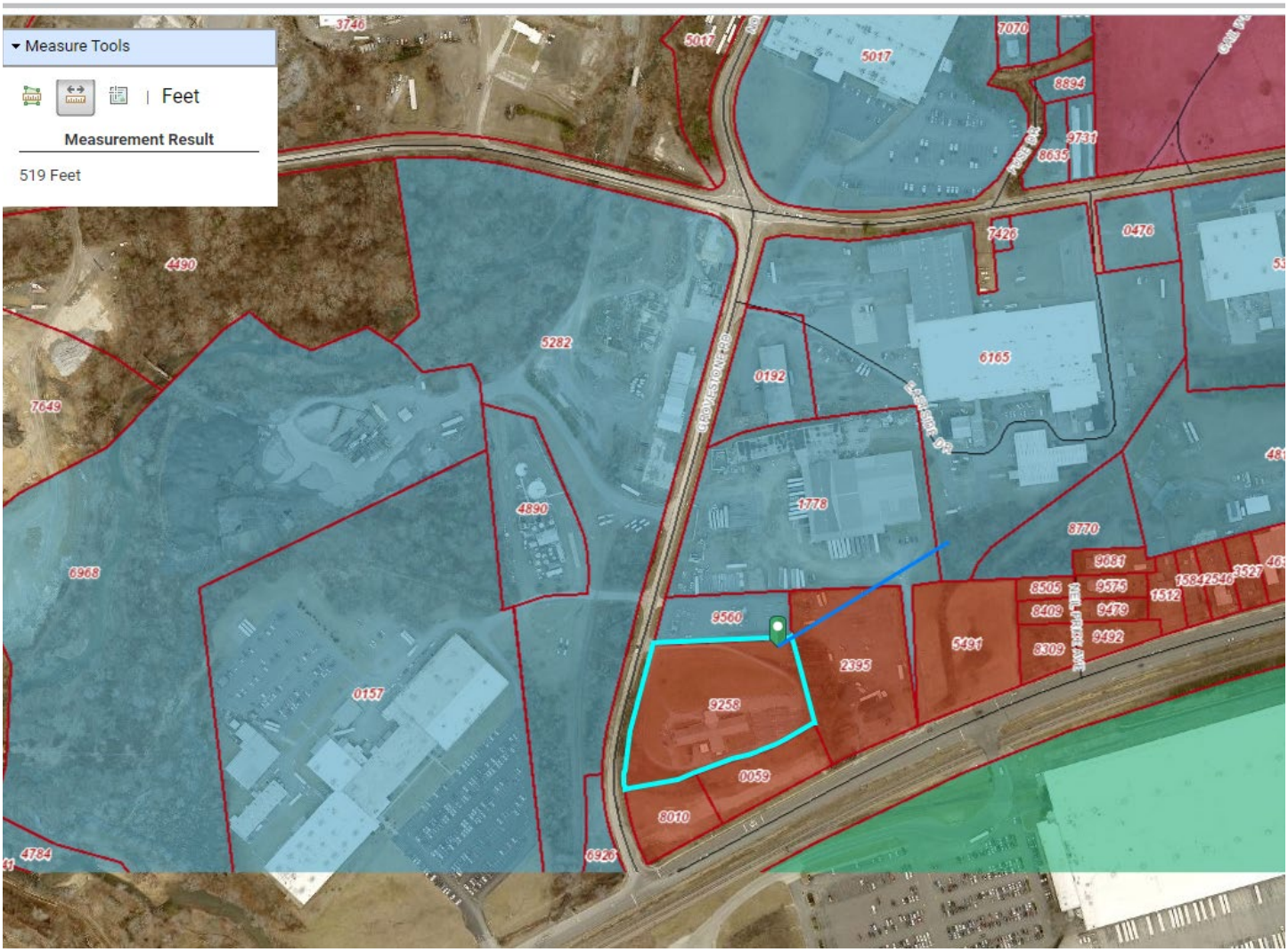
Residence Immediately Adjacent to HI-0:
70 Pine Cir. (060923616700000) (single-family residence) – 2,342 feet



Example 1

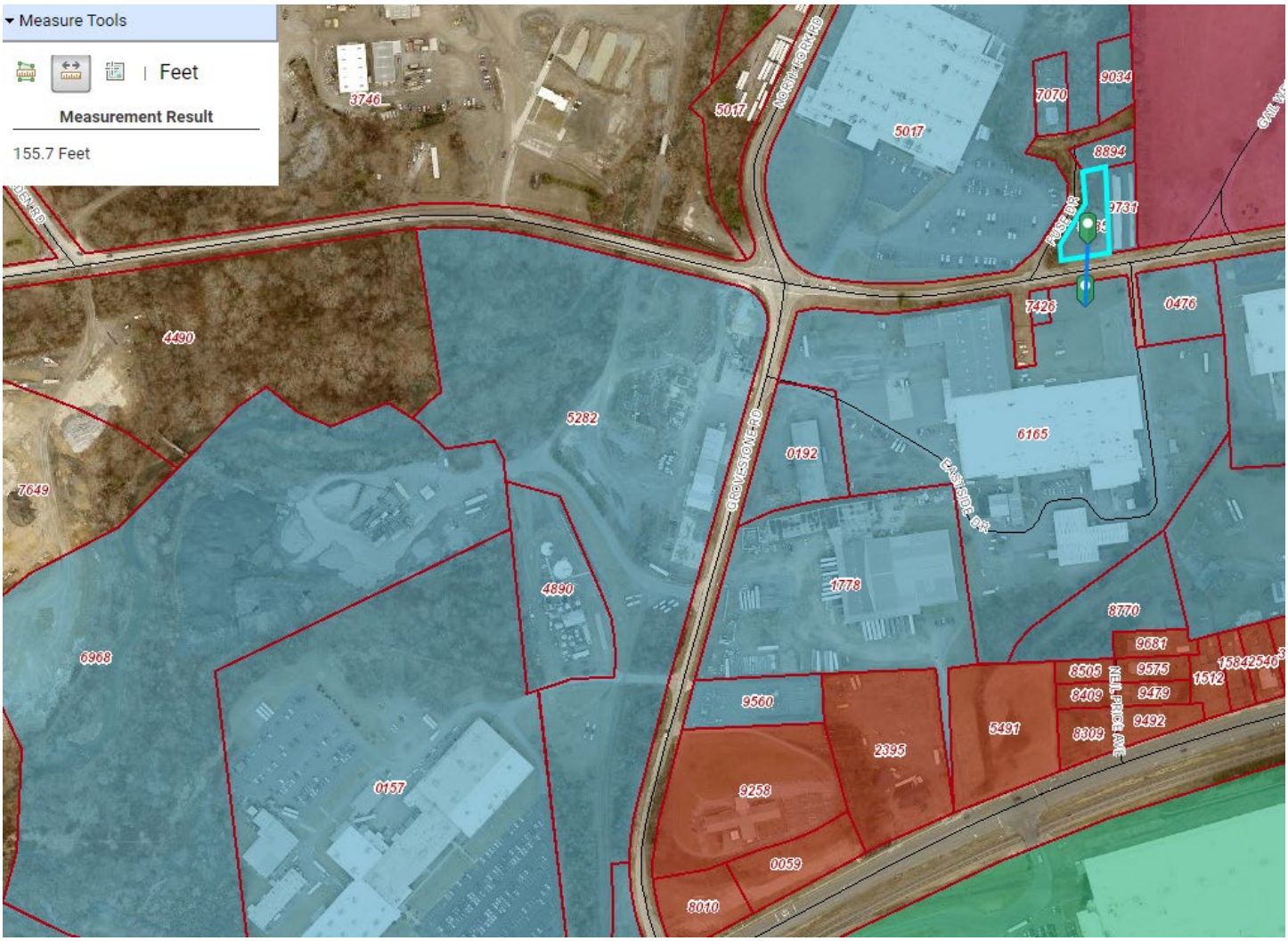
Example 2: Facility located on a parcel in middle of HI-0 district
(905 Old US 70 Hwy - 060913616500000)
Nearest place of worship, school or residence is 155 feet away.

Place of Worship
1568 Grovestone Rd. (060902925800000) (Grovestone Baptist Church) – 519 feet



Example 2

Residence Within HI-0:
920 Old US 70 Hwy (060913863500000) (single family residence and secondary dwelling) – 155 feet



Example 2

Residence Immediately Adjacent to HI-0:
70 Pine Cir. (060923616700000) (single-family residence) – 526 feet



Example 2