

## Setting up Geo-Boundaries for fire department still locations

Agencies supported by ESSS Dispatch have requested notification based upon the still that should handle the incident location. To that end, geo-boundaries are now supported in the dispatch software, within the Address Mapping Assistant.

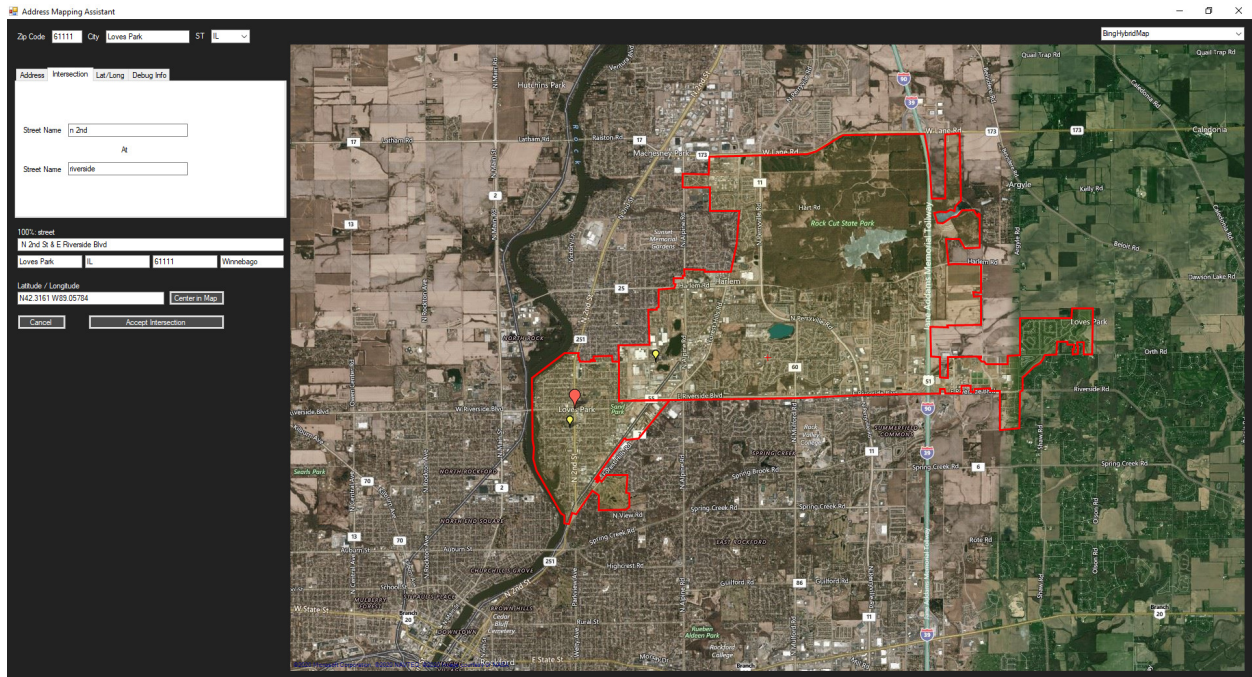
In the example below, you can see 2 sections of red boundary lines. These represent the geo-boundaries for two Loves Park Fire Stations.

When stills are defined, the software, upon return from the mapping assistant, will report in a message to the dispatcher which still is recommended for the incident.

It is up to the dispatcher to determine if the incident is a still alarm, a general alarm, or a still alarm that must be toned out for a different station because of current tasking.

If the address defined is outside the still boundaries, then the software will make a recommendation based upon the shortest straight-line distance between the actual station coordinates and the location of the incident.

Yellow pins on the map indicate the location of the individual stations. Red pins on the map reflect the current incident location.



Loves Park: Station List x

	Station Name	Station Lat/Lng
Delete	Station 1 Grand Ave	N42.31246 W89.05916
Delete	Station 2 Windsor Rd	N42.3252565 W89.0364527

To define the fence boundaries as well as the station locations, use the Station List editor for the agency you wish to modify.

For each supported station, provide a useful name. This is the name that will be displayed to the dispatcher as a still recommendation is processed.

To enter data for each station, touch the box for Station Lat/Lng for the still you're currently defining data. That will bring up the geo-fencing editor. (see below)

All latitude/longitude values are to be entered as a directional letter (N/W/E/S) and the coordinates of that point. For example, N42.31246 W89.05916 is the location of the Loves Park Grand Ave. station.

In the geo-fence coordinates text box, you enter each of the "corners" defining the fence path, working in a circular fashion around the fence definition. It doesn't matter if you work clockwise or counter-clockwise. The software will simply draw a line between each of those points, making the fence shape. At the end of the list, the software will connect the last defined point back to the first point in the list, thus closing the fence.

Once all data has been entered, select OK to close the window and save the data just entered. You can then call up the Address Mapping Assistant with an incident for that station to see the defined boundaries. **Note: You will not see fence definitions for LPFD when defining a call address for another agency.**

Station Geo-fencing

Station Coordinates

Geo-fence coordinates

Enter coordinates as Nxx.xxxx Wxx.xxxx working in a circular fashion around the fence boundaries, entering one Lat/Lng point per line.

N42.293905 W89.060688  
N42.293798 W89.059534  
N42.295934 W89.058668  
N42.295773 W89.057585  
N42.300357 W89.053327  
N42.299370 W89.051627  
N42.296497 W89.051627  
N42.296586 W89.044405  
N42.297080 W89.043434  
N42.299774 W89.043434  
N42.299863 W89.044284  
N42.303365 W89.044102  
N42.303365 W89.049503  
N42.302084 W89.050920  
N42.302410 W89.051463  
N42.301882 W89.051871  
N42.302120 W89.052210  
N42.302875 W89.051394  
N42.303026 W89.051598  
N42.302498 W89.052108  
N42.302573 W89.052516  
N42.310483 W89.044856

OK Cancel

**Data built up for Loves Park Fire - Grand Ave is:**

**Station Coordinates:**

N42.31246 W89.05916

**Fence Coordinates:**

N42.293905 W89.060688

N42.293798 W89.059534

N42.295934 W89.058668

N42.295773 W89.057585

N42.300357 W89.053327

N42.299370 W89.051627

N42.296497 W89.051627

N42.296586 W89.044405

N42.297080 W89.043434

N42.299774 W89.043434

N42.299863 W89.044284

N42.303365 W89.044102

N42.303365 W89.049503

N42.302084 W89.050920

N42.302410 W89.051463

N42.301882 W89.051871

N42.302120 W89.052210

N42.302875 W89.051394

N42.303026 W89.051598

N42.302498 W89.052108

N42.302573 W89.052516

N42.310483 W89.044856

N42.310483 W89.044567

N42.310216 W89.044423

N42.310429 W89.041103

N42.317901 W89.032802  
N42.317803 W89.046246  
N42.325432 W89.046307  
N42.325476 W89.048006  
N42.326508 W89.048128  
N42.326464 W89.052983  
N42.325865 W89.053008  
N42.325820 W89.052704  
N42.325506 W89.052644  
N42.325506 W89.053311  
N42.325775 W89.053311  
N42.325820 W89.053615  
N42.325416 W89.053736  
N42.325416 W89.056467  
N42.325730 W89.056528  
N42.325820 W89.056831  
N42.326224 W89.056649  
N42.326448 W89.057135  
N42.327032 W89.056892  
N42.327076 W89.060594  
N42.322275 W89.069273  
N42.310248 W89.069152  
N42.308632 W89.068727  
N42.306568 W89.068848  
N42.304189 W89.067999  
N42.295884 W89.061444  
N42.295480 W89.060655

**Data built up for Loves Park Fire - Windsor Rd is:**

**Station Coordinates:**

N42.3252565 W89.0364527

**Fence Coordinates:**

N42.317901 W89.032802

N42.318382 W88.999241

N42.318969 W88.981558

N42.319236 W88.961494

N42.320036 W88.961494

N42.320036 W88.960195

N42.319236 W88.960123

N42.319236 W88.955864

N42.320676 W88.955864

N42.320730 W88.953410

N42.319556 W88.953338

N42.319502 W88.952472

N42.320089 W88.952400

N42.320196 W88.948286

N42.319662 W88.948286

N42.319662 W88.945688

N42.312137 W88.945688

N42.312458 W88.940491

N42.319609 W88.940419

N42.319823 W88.939697

N42.322384 W88.939697

N42.322704 W88.938903

N42.324465 W88.936738

N42.325159 W88.935006

N42.326013 W88.934212

N42.326386 W88.934067  
N42.326760 W88.933779  
N42.326866 W88.930675  
N42.329428 W88.930603  
N42.329428 W88.927860  
N42.328734 W88.927860  
N42.328734 W88.926128  
N42.327880 W88.926128  
N42.327880 W88.926345  
N42.326813 W88.926417  
N42.326920 W88.925046  
N42.328467 W88.925046  
N42.328467 W88.925262  
N42.329374 W88.925262  
N42.329321 W88.923458  
N42.326866 W88.923530  
N42.326866 W88.921220  
N42.335937 W88.921148  
N42.335937 W88.926633  
N42.334070 W88.926706  
N42.334016 W88.940274  
N42.326653 W88.940274  
N42.326600 W88.943522  
N42.324945 W88.943595  
N42.324892 W88.949224  
N42.325479 W88.949729  
N42.325372 W88.950523  
N42.326173 W88.951245  
N42.326173 W88.950595

N42.326386 W88.950668  
N42.326279 W88.959473  
N42.322271 W88.959377  
N42.322337 W88.961435  
N42.326337 W88.961435  
N42.326488 W88.963833  
N42.332411 W88.964048  
N42.332304 W88.959428  
N42.332677 W88.959501  
N42.332731 W88.950623  
N42.338333 W88.950623  
N42.338279 W88.952572  
N42.339133 W88.952644  
N42.339026 W88.950695  
N42.344521 W88.950695  
N42.344628 W88.957768  
N42.344468 W88.959212  
N42.349375 W88.959934  
N42.349429 W88.956253  
N42.347668 W88.954954  
N42.347722 W88.950912  
N42.354282 W88.950912  
N42.354336 W88.951273  
N42.353856 W88.951561  
N42.354122 W88.951850  
N42.354976 W88.952572  
N42.354976 W88.955564  
N42.353802 W88.956974  
N42.353589 W88.958490



N42.352469 W88.960800  
N42.352522 W88.962171  
N42.354496 W88.962965  
N42.354709 W88.961449  
N42.354602 W88.959861  
N42.355136 W88.958707  
N42.354869 W88.957624  
N42.355562 W88.957552  
N42.355882 W88.957335  
N42.356842 W88.955892  
N42.369908 W88.956253  
N42.369748 W88.960150  
N42.357269 W88.960078  
N42.357216 W88.963759  
N42.363562 W88.964120  
N42.366389 W88.964625  
N42.369801 W88.965635  
N42.369588 W88.987216  
N42.366442 W88.994217  
N42.365962 W88.996671  
N42.365429 W89.022437  
N42.362016 W89.022581  
N42.362069 W89.029438  
N42.359402 W89.029438  
N42.359402 W89.022220  
N42.354922 W89.022148  
N42.354869 W89.014570  
N42.348522 W89.015147  
N42.343081 W89.016807

N42.343081 W89.023664

N42.343507 W89.023664

N42.343561 W89.029005

N42.342334 W89.028860

N42.342334 W89.029438

N42.341800 W89.029510

N42.341747 W89.031892

N42.340733 W89.031820

N42.340680 W89.031387

N42.339880 W89.031603

N42.339666 W89.035789

N42.336199 W89.035717

N42.336092 W89.036294

N42.335718 W89.036222

N42.335718 W89.038460

N42.328782 W89.038099

N42.328572 W89.046428

N42.325432 W89.046307

N42.317803 W89.046246