

The data in Utility Safety Partners’ database is used to determine when a member company will be notified of ground disturbance. Asset owners can supply data in GIS shape file format. The shape files represent the notification area surrounding the precise locations of an asset owner’s facilities. Whenever the mapped dig site on a locate request overlaps with the locations in the GIS shape file, the member company is notified.

For the system to accurately import the shape files, the following requirements must be met:

1. The shape file submission is always a complete replacement of the current data.
2. All data is included in one shape file set. If the asset owner’s registration is split between multiple Station Codes, the data will consist of one shape file set per Station Code. There cannot be multiple shape files per Station Code.
3. The shape file set must be made up of one of the following file types:
 - a. .PRJ, .SHP, .DBF, .SHX; or
 - b. .DAT, .ID, .MAP, .TAB
4. The geographic coordinates use Projections of the World, EPSG 3857
5. The shape file set must contain polygon data, not line data. The polygon data includes a buffer zone applied around the lines. The buffer zone represents the notification area.

Example: If the asset owner would like to receive locate notifications whenever there is ground disturbance within 40 meters from the center of the line, a 40 meter buffer is added around the line data creating an 80 meter wide polygon.

For further information about shape file data, email info@utilityafety.ca.

VERSION CONTROL

Date (MM-DD-YY)	Completed by:	Approved by:	Briefly describe changes	Version of final copy
04-03-20	K Zaba	S Kirk	Document created	V1
03-08-19	K Zaba	K Zaba	Projection updated	V2
07-11-19	K Zaba	K Zaba	Projection updated	V2.1
09-30-19	K Zaba	S Kirk	Content updated	V3
09-27-21	K Zaba	K Zaba	Content updated to align with USP	V4