

The data in Alberta One-Call’s database is used to determine when a member company will be notified of ground disturbance. One of the formats accepted by Alberta One-Call’s system is GIS shape file format. The shape files represent the locations of the member company’s underground infrastructure. Whenever the mapped dig site on a locate request overlaps with the locations in the GIS shape file, the member company is notified.

For Alberta One-Call’s 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 member company’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 member company 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@albertaonecall.com.

VERSION CONTROL

Date (MM-DD-YY)	Completed by:	Approved by:	Briefly describe changes	Version of final copy
07-13-16	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