



## DRAIN TILE PROTECTION DURING PIPELINE CONSTRUCTION

### What is drain tile?

Drain tile is a system of perforated pipes installed underground to remove excess water from the root zone of agricultural land.

### What are your contingency plans if tile is damaged during construction?

Any underground drain tile damaged, cut, or removed and found to be flowing, or which subsequently begins to flow, will be temporarily repaired as soon as possible, and the temporary repair will be maintained as necessary to allow for its proper function during construction of the pipeline. The temporary repairs will be maintained in good condition until permanent repairs are made.

### How are you going to ensure my tile isn't crushed during construction?

Prior to repairing each tile, we insert a locatable push-rod from the repair to the edge of the right of way (ROW) in each direction to ensure the tile is functioning as intended across the entire ROW.

### I don't have maps of my drain tile. What will you do to map tile?

We do extensive historical imagery research to find as much tile as possible. Any kind of map is helpful, even if you sketch the lines on an aerial photo. The more information we can gather up front, the better we can plan.

### I am planning to install tile on my farm. How do I know the pipeline will not impact my project?

The best way to avoid future elevation conflicts between the pipeline and your drainage system is to share your drainage plan, including elevations, with the scouting team prior to pipeline construction. With this information provided, Summit can plan accordingly to properly mitigate the disturbances the pipeline may occur on future tile installations.

### Where do I send my tile maps?

Submit maps to **Kylie Kretz**, Pipeline Project Manager, at [kkretz@summitcarbon.com](mailto:kkretz@summitcarbon.com), or your land representative.



## What if a tile is missed during construction?

If tile crossing repairs are missed during construction, the site will be evaluated by Summit Carbon Solutions (Summit) and the landowner. If the issue is determined to be caused by construction activities, we will repair the system.

## How do you handle clay and concrete tiles?

Tile will be inspected at the time of the reroute/crossing and repaired and replaced with materials to provide the same drainage capacity as the tile being repaired/replaced. All transitions will be made with proper fittings and adapters approved in the specifications provided.

## How will you repair my drainage tiles?

Damaged tile will be replaced with heavy highway high-density polyethylene drainage tile and encased in a steel culvert across the pipeline ditch following industry best practices. The tile will be installed using GPS and laser technology to ensure proper drainage and repaired or replaced to provide the same drainage capacity. All connections will be made with industry-standard couplers and fittings.



## What does GPS locating of the repairs mean?

GPS coordinates of each repair will be collected so that we can know the exact locations of all drain tiles in the pipeline easement. Maps will be provided to all landowners.

## Will you provide the coordinates of the repairs to the landowner?

Each repair will be documented (including coordinates) using a geographic information system (GIS) and available data via live GIS dashboard. Data captured for these repairs will be available upon request.

## Can the landowner do their own work?

Yes. The cost needs to be approved by Summit prior to commencing work.

## Can the landowner use their own contractor? If so, what is the process for using the preferred contractor?

The landowner can recommend a contractor of their choosing, but all credential vetting, design, scheduling, and inspection must be managed through Summit to maintain project integrity and documentation standards. Contact **Kylie Kretz** at [kkretz@summitcarbon.com](mailto:kkretz@summitcarbon.com) to initiate the process of using your own contractor.

## Is there a warranty on the work?

Summit will hold themselves indefinitely responsible for any repairs or rework necessary that is determined to be directly related to pipeline construction activities. We will handle all design, inspection, scheduling, and documentation on warranty work. The warranty of the drain tile will be captured in the addendum of the Easement Agreement for all landowners on the pipeline.

Summit Carbon Solutions seeks to lower greenhouse gas emissions by connecting industrial facilities via strategic infrastructure to safely and permanently store CO<sub>2</sub>. To learn more, contact:

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