



All crews working on Road or in Right Of Way must have a signed permit on hand (paper or electronic)

## **UNDERGROUND UTILITIES INSTALLATION, MAINTENANCE, AND REMOVALS**

**Any exceptions to the following list must be approved and confirmed by Hamilton County with written permission.**

**Contractors shall maintain and be responsible for any patch for no less than a one year timeframe**

**Contractors shall maintain all traversal lane cuts 250 feet or more for a minimum of three years.**

**All restoration work must follow Hamilton County Standard drawings**

1. All underground utilities must have permission from Hamilton County on its location. At minimum it will need to be placed on the back 5 feet of the right-of-way of the declared county road except when written permission is granted by the Hamilton County Highway Department. **(with sewer being only exception)**
2. All utilities placed in Hamilton County rights-of-way are to be placed a minimum of 36 inches deep and installed with tracer wire.
3. Utilities crossing under paved county maintained roads (one side to another) will be placed by boring methods a minimum of 36 inches deep, cased, and installed with tracer wire.
4. Asphalt pavement shall not be cut for at least five (5) years following new pavement being placed and three (3) years following new chip seal being placed. **(If a cut is approved and within above timeframe both lanes shall be resurfaced with appropriate treatment 50' in both directions of the cut for the whole width of the roadway.)**
5. Asphalt cuts: All cuts must be approved by the Hamilton County Highway Department in writing; and utilities installed a minimum of 36 inches deep, cased, and installed with tracer wire.
6. Repair of Asphalt Cuts: Utility to be covered with no more than 12 inches of 1/8<sup>th</sup> minus (lime dust), then flowable fill shall be placed to bottom of old asphalt mix, then replace asphalt to match existing thickness. **Temperature must be 40 degrees and rising.** Asphalt placed at lower temps may be subject to a failed inspection and will need to be replaced.



7. Traversal Lane Cut Repair: Roadway will be milled out 10-20 feet beyond both ends of the cut at minimum & the entire width of road if in the centerline or whole lane if not impacting the centerline in conjunction with #6. Exceptions to this specification will be reviewed case by case with written permission from the Hamilton County Highway Department.
8. All Lateral Cuts: Will require a min 10 – 20 feet mill and overlay. In conjunction with #6.
9. Spot cut, Bore pit or exploratory pot hole will require a min 2-5 feet mill and overlay. In conjunction with #6
10. Any work that takes place from the edge of the pavement out to 2 feet will require rock, crusher run, PUG, flowable fill or other like material as fill **No loose soil.**
11. Utility lines **shall not** be placed in drainage ditches, attached to culverts, tile, or other road structures, or ran through or placed directly on drainage tile.
12. All work outside of the road must be restored to like or better conditions. This includes grading, seeding, sod or any other landscaped materials.
13. Any time a driveway tile is **removed** from the ditch line or headwalls damaged during work, the tile must be up to current county standards when replaced. If the tile and headwalls were to standards before work, they must be returned to original materials. If the tile and headwalls were not to standards, then the contractor is responsible for the upgrading of materials. If no headwalls were present before work, they must be added.

#### **ABOVE GROUND UTILITIES**

1. Permitting is required for new overhead lines and/or service utilities requiring support structures.
2. Support structures **may not** be erected to height greater than the height of surrounding structures such as current poles and/or streetlights, whichever is greater.
3. Support structures (pending approval) can be installed to a maximum height of 35 feet, including antennas, lighting rods or other extensions.



4. All structures associated with above ground utilities shall not impair sight distance and blend in with surroundings.
5. All structures associated with wireless services requesting permitting in areas where all other services that are provided by underground methods shall be permitted on a case by case basis (each location).
6. All structures i.e. poles, cabinets, pedestals, transformers, etc. located in the county rights-of-way must be maintained free of weed and brush within a 10 foot radius so said structure is easily visible. The county assumes no responsibility for any damage to any structure that is not properly maintained by the utility owner.
7. **Regarding all overhead work on power lines or telecom lines:** It is the responsibility of the attaching utility to ensure appropriate clearances above the ground, roads, and other structures and they **must follow NESC guidelines or the pole owner's regulations.**