

TILE PLAN REQUIREMENTS

The following information is required on all tile plans being proposed for maintenance:

1. Title Block
2. Location Map
3. The location within construction area of all roads, fences, buildings, utilities, bridges, culverts, property lines, and landowners, important to the project
4. Benchmarks and Legends (must be set to USGS elevations)
5. Watershed Boundary of all parcels benefitting from tile
6. Underground utilities notification information- Notice to excavator (OUPS Phone Number – 1-800-362-2764)
7. Soil types and boundary lines
8. Construction approval block
9. Plan view of tile layout. (The need for topographic survey and spot elevations of low areas will be determined on a case by case basis.)
10. Length, size, quality and kind of tile
11. Length, size, and kind of outlet pipe (specify animal guard)
12. Stationing and invert elevations at key points (i.e. grade and directional changes etc.)
13. Location of all right of way, easements, etc.
14. Profile of tile showing ground line and grade
15. Minimum trench width and bedding requirements
16. Recommended depth, required spacing
17. Bill of materials
18. Bottom and low flow elevation of outlet ditch
19. Hydraulic Design Data
20. X,Y,Z Geo-referenced Data to be provided to the Seneca Conservation District

The following information needs to accompany the tile plan before approval:

1. Design calculations which includes parameters or scope of design (i.e. curtain drains, roof downspout, footer drains etc.) Calculation MUST be signed and have the seal of Professional Engineer registered in the State of Ohio.
2. Capacity of tile and the designed grade in cubic feet per second (cfs)
3. Estimated cost of both the materials and installation
4. If tile project is within county or township road rights-of-way then permits shall be obtained and attached to the plan