

# Construction Sequence

- **Construction of driveway from Pine Ridge Dr will be performed within summer months during a no-flow condition in the wetland area.**
1. Install erosion and sediment control in accordance with approved E&S plan. Additional silt fence or wood chips will be added as required as work progresses.
  2. Install driveway tracking pad.
  3. Begin clearing and grubbing from Pine Ridge Drive side along path of proposed driveway through area of wetlands crossing and continuing on east side for approximately 100'. We plan to keep clearing to a minimum removing trees only as needed to install driveway preserving as many trees as possible. Logs, stumps and organic materials will be moved off site.
  4. Begin earthwork cut, excavating down to driveway base elevation but keeping area at bottom of valley where culvert pipes will be installed intact for now. All excavated materials will be stockpiled in the location shown on the site plan. Stockpile areas will be surrounded with silt fence and topsoil stockpiles will also be stabilized with temporary cover grass seed.
  5. Spread stockpiled topsoil along driveway side slopes on east and west banks of crossing stabilizing side slopes with application of erosion control conservation seed mix and turf reinforcement blankets.
  6. Place gravel driveway material on west side of crossing, this area between Pine Ridge and crossing outside of 100' Wetlands Upland Review Area will serve as staging area for materials and equipment used in constructing culvert crossing.
  7. The culverts will be constructed one at a time dividing into east and west sides. We will start on west culvert, while this work is underway no obstructions will be placed on east side. This will allow an unrestricted path for water flow if an unexpected heavy rain fall event should happen during construction.
  8. Begin excavating topsoil down to bearing subsoils only with in west 4-sided culvert crossing foot print. Stockpile topsoil in areas shown on the site plan. Stockpile areas will be surrounded with silt fence and also will be stabilized with temporary cover grass seed.
  9. Install west culvert infilling structure with previously excavated native topsoil to reestablish existing intermittent stream invert elevations call out in drawings, place interlocking concrete blocks, backfill and compact with 1 ½ minus processed aggregate. Final grade areas along inlet and outlet of west culvert structure.
  10. Repeat process on east side culvert pipe. Additionally, we will be constructing culvert inlet and outlet head walls.
  11. Continue placing driveway base material and processed aggregate top course up to location where clearing was halted.
  12. Install underground utilities in accordance with Eversource requirements. Conduit installation will start from utility pole on Pine Ridge located at driveway entrance and continue all the way to east side of crossing where clearing was halted. Underground utilities will be placed in common trench centered within proposed driveway and crossing with 30" of cover identified with warning burial tape. Utilities will consist of one primary electrical conduit with 12" of separation from phone and cable conduits.
  13. Complete all final grading and placement of permanent erosion control per drawings.
  14. Stabilize all remaining disturbed areas with topsoil, grass seed and mulch.
  15. Once area has stabilized remove all construction temporary E&S control.