

Construction Phase Plan
Franklin Height, Franklin, MA
Updated April 22, 2024, May 7, 2024

The project is divided into five (5) phases to minimize erosion.

Phase I

- a. Install/maintain the erosion control and the temporary crossing along the wetland crossing from station 10+00 to 14+50
- b. Using Conservation Commission approved or equal device to create suitable temporary access through wetland using wood or rubber mats, steel plates and temporary culvert as needed
- c. Install perimeter erosion control for the entire site
- d. Clear for road, wetland replication area, stormwater basin #1, units 41/42 (location of site trailer and storage containers)
- e. Clear for road 21+00 to 27+00, units 1-20 and units 53 to 60; infiltration basin #2 and any dry wells associated with units, not stripped nor stumped until phase II.
- f. Clear for balance of road and units 43 to 52 and units 21 to 24 not stripped nor stumped until phase III.
- g. Clear for the rest of trees within limit of work but not stripped nor stumped until phase IV
- h. Prepare replication area as designed and approved by Franklin Conservation Commission
- i. Strip top soil from 10+00 to 14+50 and transport soil to wetland replication area with wetland plants to be saved
- j. Construct wetland replication with planting as specified and protect it from erosion damage
- k. **Construct access road from 10+00 to 14+50** including the installation of culvert per designed plan; complete the road to binder
- l. All **catch basin grates** are set at binder grade so that drainage can function as designed. This applies to all Phases.

Phase II

- a. Strip and stockpile loam for road construction in area units 53, 54, 55, and 56
- b. Construct road and utilities to binder start 27+00 to 23+00 including units 5 to 12 loop road
- c. During road and utilities installation, begin foundation and building work starting with units 1/2 in order
- d. **Stormwater basin #1 to be constructed as a sediment basin as spelled out in Order of Conditions 52. Its final grading shall be done in Phase III.**
- e. Infiltration Basin #2 to be functional prior to foundations for units 9/10
- f. Unit construction to continue around loop, loam to remain in area of units until construction commences on those units
- g. All stumps to be ground on site, chips to be used for erosion control as contingency measure during construction.

Phase III

- a. Clear for balance of road and units 43 to 52 and units 21 to 24
- b. Create new loam stockpile in area 51/52
- c. Surplus site fill to be stockpile units 47 to 50
- d. Construct balance of road to binder
- e. **Complete stormwater Basin 1 as designed to its final grading with stabilization.**
- f. Unit construction to continue in sequence around site

Phase IV

- a. Construct structural fill to bottom of footing elevation +/-
- b. Stabilize slope as per fill operation details

c. Additional row of erosion control

d. Unit construction balance of site

Phase V

a. Adjust castings to final grade and install top cot for all roads

b. Clean all basins and catch basins

c. Punch list

Erosion control devices to be used during construction include but not limited to:

- Compost socks
- Stake silt fence
- Woodchips or stump grinding check dams
- Runoff interception swales
- Sediment basins
- Flocculant for turbidity control as needed
- Mud traps at intersection of pavement and dirt road
- Hydroseeding