

VILLAGE MEADOWS SUBDIVISION – FRANKLIN STREET SKANEATELES STORMWATER DISTRICT REPORT

PROJECT SUMMARY

State Street properties are proposing to construct The Village Meadows Subdivision off from Franklin Street in the Town of Skaneateles. The project includes creating 8 single family dwelling lots with an approximate 850-foot private entrance road from Franklin Street. The project also includes Town water being extended along the private drive within a Town Water easement to service each lot.

STORMWATER INFRASTRUCTURE

A. Existing Stormwater System

The Town has open ditches and culverts along Franklin Street to collect stormwater from the roadside and from up-gradient areas. The water ultimately flows to the Northeast. The site also has a cut-off ditch installed along the fields behind the existing residential dwellings along Franklin Street with an existing culvert to the Franklin Street Ditch, this culvert will remain.

B. Proposed Stormwater System

It is proposed to have gutters along the new private drive which collect the road water and direct flow into proposed catch basins. Each lot has a collection pipe that will be directed to the catch basins. The water is conveyed to two stormwater treatment areas which includes forebays and dry swales prior to being discharged in the existing 18-inch pipe which is connected to the Franklin Street roadside ditch.

The following is a summary of the Stormwater infrastructure:

- (12) Catch Basins
- 800-LF of 12" SICPP Stormwater Pipe
- 300-LF of 8" SCIPPP Stormwater Pipe
- (3) Dry Swales

MAINTENANCE REQUIREMENTS

The stormwater infrastructure has maintenance requirements to meet the GP-0-20-001 NYSDEC stormwater permit. The following is a list of the items required to be completed:

1. Annually the catch basins should be inspected for debris removal within the basin and any signs of buildup within stormwater pipes.
2. Annually the forebays and dry swales should be inspected to maintain vegetation cover and repair any erosion.
3. Sweeping of the roadway/stormwater gutters annually in the spring.
4. It is anticipated that the catch basins should be cleaned out with a vac truck once every 5-years.
5. It is anticipated that the forebay and dry swales will need to have the accumulated sediments and vegetation cleaned out once every 10-years. The underdrains within the dry swales would be inspected and jetted during this period.

DISTRICT MAINTENANCE COSTS

The above maintenance probable costs are outlined below:

1. The annual costs for overall vegetation inspection, sweeping and general maintenance are estimated at \$2,500
2. Every 5-years for Vac truck of each CB is estimated at \$4,500
3. Every 10-years Cleaning Forebays and Dry Swales along with re-seeding disturbed area and underdrain flushing is estimated at \$12,500

Based on the anticipated costs above, the annual tax burden per parcel would be estimated at \$581.25 per lot for each of the 8-lots.

Attachments:

Figure 1 – Stormwater Infrastructure Drawing