

20' PERMANENT  
SANITARY R.O.W.  
VOL. 147 PG. 244

O'NEILL LN  
TOWN OF EAST HAMPTON  
10A/83/26-7

42 OLD MARLBOROUGH RD  
PESZYNSKI, MARK & BETH  
10A/83A/11

40 OLD MARLBOROUGH RD  
MOSELY, JEAN  
10A/83A/10

38 OLD MARLBOROUGH RD  
LESTER, ALICE & ELLEN  
10A/83A/9

Install App. 90'  
Bituminous Curb

Install Rip Rap Splash Pad

Replace Existing 20'  
10" RCP with HDPE.

Install Paved Leak-Off

Replace Existing Swale  
with 100' of 10" Perf. Pipe

Install 40' 10" HDPE

Install Flared End

Install 80' 10" HDPE Perf. Pipe

Install Yard Drain with  
with 4' Sump

TEST PIT #1

TEST PIT #2

GRAVEL PULL OFF

PAVED APRON

DITCH

HEDGE

PAVED DRIVEWAY

GRAVEL DRIVEWAY

CL&P 776

CL&P 777

CL&P 778

CL&P 779

CL&P 780

CL&P 781

CL&P 782

CL&P 783

CL&P 784

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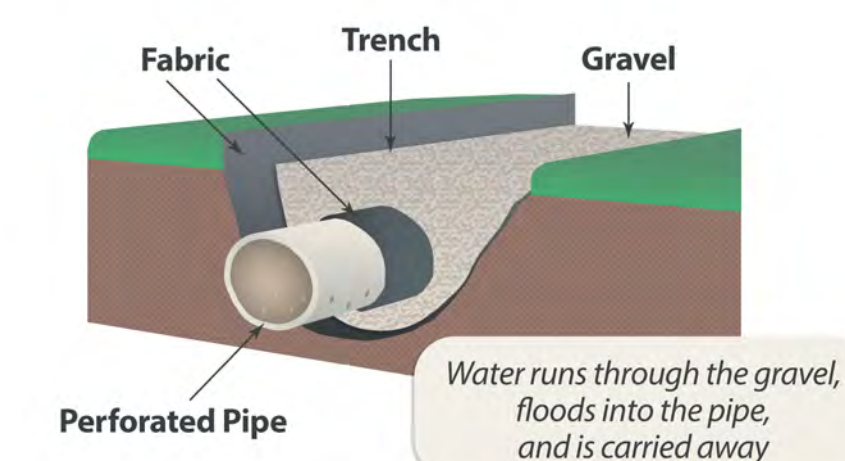
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Stormwater management along Old Marlborough is minimal. Drainage in the project area currently includes a swale that runs along the eastern edge of the road starting near house number 66 and running southerly, under the driveway at house number 42 and discharging onto the road surface just south of the driveway apron (photo 1 above). In years past, the swale continued to the south, water was diverted into a pipe near house number 38 and discharged directly into the adjacent wetland (photo 3 above). Current conditions allow stormwater runoff to pick up silt from eastern edge of road, run across the pavement and leach into the wetland area. Other sheet flow discharges directly to a wetland area on the eastern side of the road. Siltation of the wetland can easily be seen in photo number 2 above. This project is intended to replicate the current drainage pattern, but through a piped system. A catch basin with a four (4) foot sump will be installed in order to prevent sediment from reaching the wetland area. A plunge pool will be installed on Town Owned property at the pipe outlet to further prevent erosion and siltation. On the western side of the road, a curb is being proposed from the Oneill Nose apron to a new paved leak-off. The leak off will discharge water into the plunge pool. This will prevent further erosion of the side of the road into the nearby wetland. The plunge pool as well as the catch basin will be maintained yearly by DPW in their routine maintenance program.

1. Do Nothing: Not feasible or prudent. Silt will continue to fill in the nearby wetland, road surface will continue to de-grade (photo 4 above).
2. Replicate prior condition running drainage swale into a new pipe and draining directly into wetland adjacent to house number 38. Not feasible or prudent. There is no easement for crossing this private property, no protection of the adjacent wetland, and no treatment of stormwater.
3. Proposed Option: Feasible. Water will discharge into Town owned property, pipe and catch basin will be installed within Right-of-Way, provides for treatment of stormwater before being discharged.

1. Install silt fence and staked hay bales as shown on plan to protect against downstream siltation.
2. Excavate for new pipe along east side of Old Marlborough Road. Match existing pipe outlet level at north end and maintain existing grade to meet catch basin sump.
3. Excavate for preferred 4' sump, shallower if ledge is encountered.
4. Excavate and install pipe across Old Marlborough Road.
5. Install plunge pool as shown.
6. Stabilize all areas by seeding.
7. Silt fence and haybales to be removed only after all areas are re-stabilized.



### Typical Perforated Pipe Cross Section Detail

