

2020 NEWTOWN TOWNSHIP INLET PROGRAM

Addendum No. 1

- 1) Remove 2 inlets on Echo Valley Lane from Inlet Top Replacement. Total Inlet Top Replacement is now 35.

- 2) Add 2 inlets on Echo Valley Lane to Repair City Top/Concrete. Total repair city top/concrete is now 8

2020 Newtown Township Road Program - Inlet Locations & Quantities					
	Location	Interior Inlet Repair	Replace Inlet Top	Repair City Top/Concrete	Replace Inlet Top and Box
Echo Valley Lane	309 Echo Valley Lane			X	
	325 Echo Valley Lane			X	
	329 Echo Valley Lane			X	
	346 Echo Valley Lane	X		X	
	357 Echo Valley Lane			X	
Meadow Lane	4119 Meadow Lane			X	
	4120 Meadow Lane			X	
Battles Crum Lane Creek	1 Partridge (on Crum Creek)		X		
	4113 Battles Lane	X			
	4114 Battles Lane	X			
Fox Hill Lane	4016 Fox Hill Lane				X
	4017 Fox Hill Lane			X	
Hunt Valley Lane	C-Top at Hunt Valley Entrance	X			
	106 Hunt Valley Lane (OVERSIZED)	X	X		
	196 Hunt Valley Lane (OVERSIZED)	X	X		
Hunt Valley Circle	105 Hunt Valley Circle	X	X		
	106 Hunt Valley Circle				X
	125 Hunt Valley Circle (across from 136)		X		
	130 Hunt Valley Circle	X	X		
	136 Hunt Valley Circle	X	X		
	154 Hunt Valley Circle	X	X		
	159 Hunt Valley Circle (across from 154)	X	X		
	159 Hunt Valley Circle (across from 160)	X			
	160 Hunt Valley Circle		X		
	175 Hunt Valley Circle		X		
	181 Hunt Valley Circle (across from 190)		X		
	190 Hunt Valley Circle	X	X		
	195 Hunt Valley Circle (OVERSIZED)				X
Fairview Ave	4418 Fairview Avenue	X			
Florida Ave	4416 Florida Avenue				X
	4425 Florida Avenue				X
Ellis Ave	809 Ellis Avenue				X
Troop Farm Road	Across from 28 Stoney Brook	X			
	427 Merlin Road	X			
Campus (Eastern Side)	11 Campus (Mid Property)	X	X		
	15 Campus	X			
	17 Campus				X
	Campus Across from Wall		X		
	Campus Adjacent to Dam	X	X		
	Campus at Preston Run	X			
	Campus Between Florida & Fairview		X		
	WC Pike Entrance (East)	X	X		
Campus (Western Side)	WC Pike Entrance (West)		X		
	Campus (Middle of Retaining Wall)		X		
	Campus (End of Retaining Wall)		X		
	16-18 Campus	X	X		
	18 Campus (North)	X			
	19 Campus	X			
	2 Campus (Brick Pillars)	X	X		
	2 Campus (Eastern Entrance)		X		
	Campus (Before Turn Lane)	X	X		
	Campus at BHR	X	X		
Stoney Brook Boulevard	100 Stoney Brook	X			
	103 Stoney Brook	X	X		
	106/108 Stoney Brook	X			
	106/108 Stoney Brook (across from)	X	X		
	110 Stoney Brook	X			
	110 Stoney Brook (across from)	X	X		
	112 Stoney Brook	X	X		
	116 Stoney Brook	X	X		
	118 Stoney Brook (BHR Entrance)	X			
	Entrance at BHR	X			
Gradyville Road	3865/3869 Gradyville	X	X		
	3877 Gradyville	X	X		
	3881 Gradyville	X	X		
	3890 Gradyville		X		
	Gradyville & BHR C-top				X
	Gradyville & BHR M-top				X

2020 NEWTOWN TOWNSHIP INLET REPAIR AND REPLACEMENT LOCATIONS QUANTITIES

Location	Interior Inlet Repair ²	Replace Inlet Top ³	Repair City Top/Concrete ⁵	Replace Inlet ¹	15" RCP Replacement (LF) ⁴
Echo Valley Lane	1		5		
Meadow Lane			2		
Crum Creek Lane		1			
Battles Lane	2				
Fox Hill Lane			1	1	
Hunt Valley Lane	3	2			
Hunt Valley Circle	7	10		2	
Fairview Avenue	1				
Florida Avenue				2	
Ellis Avenue				1	
Troop Farm Road	2				
Campus Boulevard	11	13		1	95
Stoney Brook Boulevard	10	5			
Gradyville Road	3	4		2	
TOTALS	40	35	8	9	95

¹ **Replace inlet with new precast inlet:** Includes curb, asphalt and lawn restoration. See Inlet Box Detail. Asphalt paving restoration: remove min. 3ft. wide existing asphalt, stone subbase and subgrade to 1 foot below depth of box along all sides of inlet to a stable subgrade. For exposed exterior inlet surface mortar pipe to inlet connection. If necessary install additional piping to make connection (pipe material to match existing). Concrete encasement may be required for RCP connections. Backfill with 2A stone in 6" max. lifts compacted to 95% density per ASTM-D-1557 specifications and restore with asphalt paving (see detail). New curbing (3' minimum) should be provided to replace any damaged during installation (see detail). Lawn areas to be restored with topsoil and seeded. Residential driveways impacted by repair must be restored. Inlet tops should have a "no dumping drains to stream" logo cast into the hood.

² **Repair brick inlet (or double brick inlet) interior:** Includes Replace brick / mortar jts. / parging. Replace loose, cracked, dislodged brick with new brick; mortar pipe to inlet connection, parge interior brick surfaces, repair damaged city inlet tops/frames. New curbing should be provided to replace any damaged during installation (see detail).

³ **Replace inlet top** - Includes replacement of inlet top and asphalt restoration. Asphalt paving restoration: remove min. 3ft. wide existing asphalt, stone subbase and subgrade to 1 foot below depth of new top along all sides of inlet to a stable subgrade. Grade adjustments to be made using precast grade adjustment rings. Backfill with 2A stone in 6" max. lifts compacted to 95% density per ASTM-D-1557 specifications and restore with asphalt paving (see detail). New curbing should be provided to replace any damaged during installation (see detail). Inlet tops should have a "no dumping drains to stream" logo cast into the hood.

⁴ **15" RCP Replacement** - Includes replacement of existing 15" RCP and asphalt restoration adjacent to the entrance of 15 and 17 Campus Boulevard. Pipe connects to inlet adjacent to 16-18 Campus Boulevard. See Trench Restoration Detail. Remove and properly dispose of existing pipe and bedding. Install new 15" RCP and backfill with 2A stone in 6" max. lifts. Pipe to be brick and mortared at inlet connections. Pavement restoration (see detail): binder course to extend 1' min. past trench limits.

⁵ **Repair City Inlet Top/Concrete** - Includes reconstruction of concrete inlet seat for city inlet frames. Work to include removing existing damaged concrete, forming and pouring new concrete seat (or provide approved precast equal).