

Verizon

New underground telecommunications cable at Kaplan's Pond

This is a Type II action under SEQRA.

617.5(c)(7)

"installation of telecommunication cables in existing highway or utility rights of way utilizing trenchless burial or aerial placement on existing poles;"

In 2018, DEC adopted this new category of Type II action. Trenchless methods or technology, for the purposes of this Type II, mean a type of subsurface construction work that requires periodic excavation (conventional open cut excavations) but no continuous open trenches. Common trenchless methods include horizontal directional drilling (HDD), "jack and bores," and "impact-moling." DEC also includes plow line and directional boring methods of installation in this category of trenchless installation. Plow line installations do not require the traditional open cut digging but rather create a minimal 'trench' as smaller diameter conduit or cable is pulled/dragged below the ground surface, with direct burial after, creating minimal disturbance or displacement of soil. This Type II category does not alter any requirements to

obtain other federal, state or local permits that may be required to complete such a project. For more information on this Type II, see the [Final Generic Environmental Impact Statement](#) for the 2018 amendments to the SEQR regulations.

2. What is a Type II Action?

Type II actions are those actions, or classes of actions, which have been found categorically to not have significant adverse impacts on the environment, or actions that have been statutorily exempted from SEQR review. They do not require preparation of an EAF, a negative or positive declaration, or an EIS. Any action or class of actions listed as Type II in 617.5 requires no further processing under SEQR. There is no documentation requirement for these actions, although it is recommended that a note be added to the project file indicating that the project was considered under SEQR and met the requirements for a Type II action.

- A Ditch Witch (Model # 100sx) or hand digging or a combination of both will be used to install the new underground telecommunications cable.
- To prevent erosion and sediment discharge into Kaplan's Pond and Bessemer Wetland, Verizon and/or their contractor will restore the affected area to its previous condition. The area will be raked following the pass with the Ditch Witch and be seeded/mulched.
- Once the poles are removed from the project location, Verizon and/or their contractor will fill the holes with gravel, as well as clean compacted soil, and rake the area to grade, and seed and mulch.
- All Verizon owned debris will be removed from the project area once the project is complete.

The location of the proposed underground telecommunication cable is shown in the image below.



Image of typical cable location which will be installed in the location of the existing trail.



At concrete culvert cable will be attached to culvert using C-Clips (pictured below), wrap the cable and install the C-Clip with a concrete rated nail or screw.



Approximate location of cable over concrete culvert shown by red line in image below. The exposed cable along the culvert will be labeled with a cable tag (pictured below)



Image of trail before Glengary Lane



Image of trail at Glengary Lane

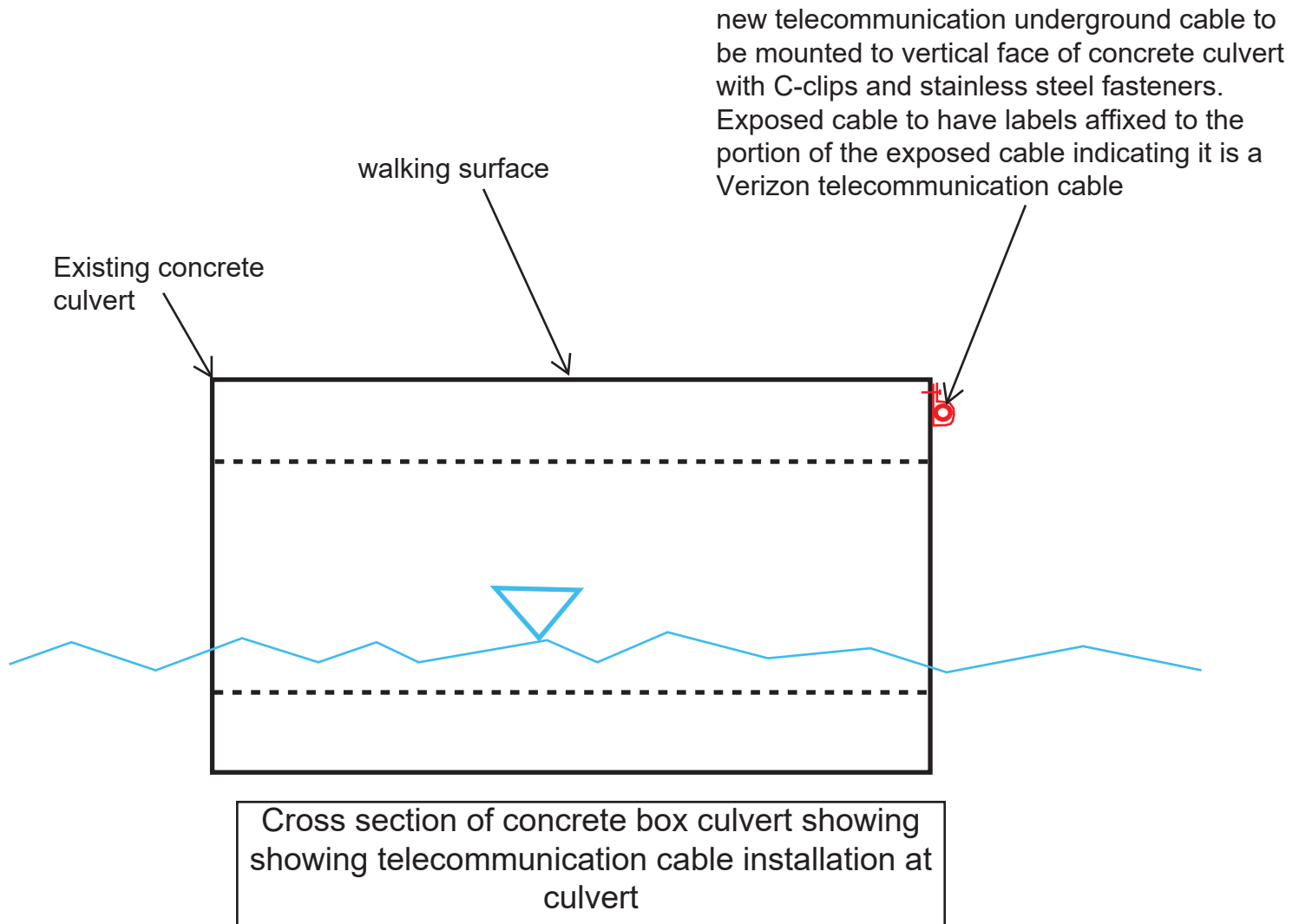


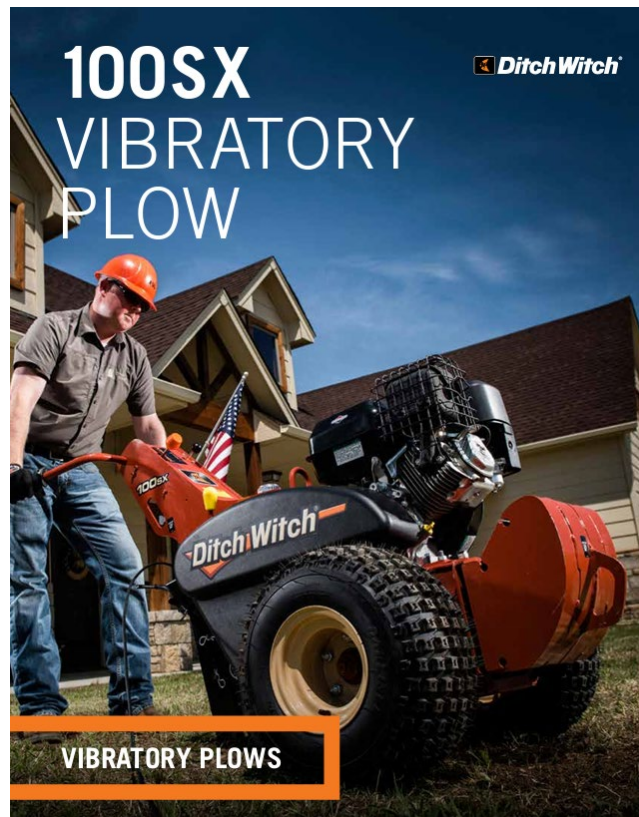
Image showing part of old telecommunication cables and poles to be removed (items circled in red)



Verizon Proposed underground Telecommunication cable at Kaplan's Pond

9/27/23





100SX VIBRATORY PLOW SPECIFICATIONS

	U.S.	METRIC		U.S.	METRIC
DIMENSIONS			POWER		
Height, min/max	40 in	1.02 m	Engine	Briggs & Stratton® 2100 Series	
Length, min	67 in	1.7 m	Fuel	Gasoline	
Width			Cooling medium	Air	
Max	35 in	889 mm	Aspiration	Natural	
Min	32.5 in	825.5 mm	Number of cylinders	1	
Ground clearance, max	4.1 in	104 mm	Displacement	25.6 in³	420 cc
Plow cover depth, max	12 in	305 mm	Bore	3.54 in	90 mm
Basic unit weight	720 lb	326 kg	Stroke	2.6 in	66 mm
OPERATION			Rated speed	3,600 rpm	
Ground drive speed, max			Manufacturer's gross power rating (per SAE J1940)	13.5 hp	10 kW
Forward/reverse	92 fpm	28 m/min	Drive type		
Material installation diameter, max			Ground	Hydrostatic	
Pull blade	0.88 in	22 mm	Plow	Belt w/hand clutch	
Feed blade	0.5 in	13 mm	Tires		
Material bend radius, max/min			Max	18 x 11-8	
Feed blade	1 in	25 mm	Min	16 x 6.5-8	
Plow blade width			HYDRAULIC SYSTEM		
Max	0.77 in	20 mm	Ground drive		
Min	0.38 in	10 mm	Pressure	2,500 psi	172 bar
Plow blade depth			Flow rate	2.2 gpm	8.3 l/min
Max	12 in	305 mm	FLUID CAPACITIES		
Min	6 in	152 mm	Fuel tank	1.8 gal	6.8 L
			Hydraulic reservoir	3.5 gal	13.2 L
Dimensions are dependent on plow blade size, tire size and selection of trencher options.					

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Specifications are general and subject to change without notice. If exact measurements are required, equipment should be weighed and measured. Due to selected options, delivered equipment may not necessarily match that shown.