

1 Introduced by Committee on Commerce and Economic Development

2 Date:

3 Subject: Telecommunications; siting; Vermont Universal Service Fund;

4 Connectivity Initiative; telecommunications news service; public

5 school grants

6 Statement of purpose of bill as introduced: This bill proposes to make various

7 amendments to Vermont law concerning telecommunications.

8 An act relating to telecommunications

9 It is hereby enacted by the General Assembly of the State of Vermont:

10 * * * PSB Telecommunications Siting; Municipal Role * * *

11 Sec. 1. 30 V.S.A. § 248a is amended to read:

12 § 248a. CERTIFICATE OF PUBLIC GOOD FOR COMMUNICATIONS

13 FACILITIES

14 (a) Certificate. Notwithstanding any other provision of law, if the applicant

15 seeks approval for the construction or installation of telecommunications

16 facilities that are to be interconnected with other telecommunications facilities

17 proposed or already in existence, the applicant may obtain a certificate of

18 public good issued by the Public Service Board under this section, which the

19 Board may grant if it finds that the facilities will promote the general good of

20 the State consistent with subsection 202c(b) of this title. A single application

1 may seek approval of one or more telecommunications facilities. An
2 application under this section shall include a copy of each other State and local
3 permit, certificate, or approval that has been issued for the facility under a
4 statute, ordinance, or bylaw pertaining to the environment or land use.

5 (b) Definitions. As used in this section:

6 (1) “Ancillary improvements” means telecommunications equipment
7 and site improvements that are primarily intended to serve a
8 telecommunications facility, including wires or cables and associated poles to
9 connect the facility to an electric or communications grid; fencing; equipment
10 cabinets or shelters; emergency backup generators; and access roads.

11 (2) “De minimis modification” means the addition, modification, or
12 replacement of telecommunications equipment, antennas, or ancillary
13 improvements on a telecommunications facility or existing support structure,
14 whether or not the structure was constructed as a telecommunications facility,
15 or the reconstruction of such a facility or support structure, provided:

16 (A) the height and width of the facility or support structure,
17 excluding equipment, antennas, or ancillary improvements, are not increased;

18 (B) the total amount of impervious surface, including access roads,
19 surrounding the facility or support structure is not increased by more than 300
20 square feet;

1 (C) the addition, modification, or replacement of an antenna or any
2 other equipment on a facility or support structure does not extend vertically
3 more than 10 feet above the facility or support structure and does not extend
4 horizontally more than 10 feet from the facility or support structure; and

5 (D) the additional equipment, antennas, or ancillary improvements on
6 the support structure, excluding cabling, does not increase the aggregate
7 surface area of the faces of the equipment, antennas, or ancillary improvements
8 on the support structure by more than 75 square feet.

9 (3) **“Good cause” means a showing of evidence that the substantial**
10 **deference required under subdivision (c)(2) of this section would create a**
11 **substantial shortcoming detrimental to the public good or State’s interests**
12 **in section 202c of this title.**

13 (4)(A) “Limited size and scope” means:

14 (i) A new telecommunications facility, including any ancillary
15 improvements, that does not exceed 140 feet in height; or

16 (ii) An addition, modification, replacement, or removal of
17 telecommunications equipment at a lawfully constructed telecommunications
18 facility or on an existing support structure, and ancillary improvements, that
19 would result in a facility of a total height of less than 200 feet and does not
20 increase the width of the existing support structure by more than 20 feet.

1 (B) For construction described in subdivision (3)(A) of this
2 subsection to be of limited size and scope, it shall not disturb more than 10,000
3 square feet of earth. ~~For purposes of~~ As used in this subdivision, “disturbed
4 earth” means the exposure of soil to the erosive effects of wind, rain, or runoff.

5 **(5) “Substantial deference” means that the plans and**
6 **recommendations referenced under subdivision (c)(2) of this section are**
7 **presumed correct, valid, and reasonable.**

8 ~~(4)(6)~~ “Telecommunications facility” means a communications facility
9 that transmits and receives signals to and from a local, State, national, or
10 international network used primarily for two-way communications for
11 commercial, industrial, municipal, county, or State purposes and any
12 associated support structure that is proposed for construction or installation
13 which is primarily for communications purposes, and any ancillary
14 improvements that are proposed for construction or installation and are
15 primarily intended to serve the communications facilities or support structure.
16 An applicant may seek approval of construction or installation of a
17 telecommunications facility whether or not the telecommunications facility is
18 attached to an existing structure.

19 ~~(5)(7)~~ “Wireless service” means any commercial mobile radio service,
20 wireless service, common carrier wireless exchange service, cellular service,
21 personal communications service (PCS), specialized mobile radio service,

1 paging service, wireless data service, or public or private radio dispatch
2 service.

3 (c) Findings. Before the Public Service Board issues a certificate of public
4 good under this section, it shall find that:

5 (1) The proposed facility will not have an undue adverse effect on
6 aesthetics, historic sites, air and water purity, the natural environment, and the
7 public health and safety, and the public's use and enjoyment of the I-89 and
8 I-91 scenic corridors or of any highway that has been designated as a scenic
9 road pursuant to 19 V.S.A. § 2501 or a scenic byway pursuant to 23 U.S.C.
10 § 162, with due consideration having been given to the relevant criteria
11 specified in 10 V.S.A. §§ 1424a(d) and 6086(a)(1) through (8) and (9)(K).
12 However, with respect to telecommunications facilities of limited size and
13 scope, the Board shall waive all criteria of this subdivision other than
14 10 V.S.A. § 6086(a)(1)(D)(floodways) and (a)(8)(aesthetics, scenic beauty,
15 historic sites, rare and irreplaceable natural areas; endangered species;
16 necessary wildlife habitat). Such waiver shall be on condition that:

17 (A) the Board may determine, pursuant to the procedures described
18 in subdivision (j)(2)(A) of this section, that a petition raises a significant issue
19 with respect to any criterion of this subdivision; and

20 (B) a telecommunications facility of limited size and scope shall
21 comply, at a minimum, with the requirements of the Low Risk Site Handbook

1 for Erosion Prevention and Sediment Control issued by the Department of
2 Environmental Conservation, regardless of any provisions in that handbook
3 that limit its applicability.

4 (2) Unless there is good cause to find otherwise, substantial deference
5 has been given to ~~the land conservation measures and policies on~~
6 telecommunications facilities in the plans of the affected municipalities ~~and;~~
7 to the recommendations of the municipal legislative bodies and the municipal
8 ~~and regional~~ planning commissions regarding the municipal ~~and regional~~
9 ~~plans, respectively;~~ and to the recommendations of the regional planning
10 commission concerning the regional plan. Nothing in this section or other
11 provision of law shall prevent a municipal body from basing ~~its policies and~~
12 recommendations to which substantial deference is required under this
13 subdivision (2) on an ordinance adopted under 24 V.S.A. § 2291(19) or bylaw
14 adopted under 24 V.S.A. chapter 117 by the municipality in which the facility
15 is located. A rebuttable presumption respecting compliance with the
16 applicable plan shall be created by a letter from an affected municipal
17 legislative body or municipal planning commission concerning compliance
18 with the municipal plan and by a letter from a regional planning commission
19 concerning compliance with the regional plan.

20 (3) If the proposed facility relates to the provision of wireless service,
21 the proposed facility reasonably cannot be collocated on or at an existing

1 telecommunications facility, or such collocation would cause an undue adverse
2 effect on aesthetics.

3 (A) If a proposed new telecommunications facility that provides
4 wireless service will exceed 50 feet in height, the application shall identify all
5 existing telecommunications facilities within a three-mile radius of the site of
6 the proposed facility and, for each such existing facility, shall include a
7 projection of the coverage that would be provided if the applicant's proposed
8 telecommunications equipment were located on or at the existing facility. The
9 applicant also shall compare each such projection to the coverage that would
10 be provided at the site of the proposed facility.

11 (B) To obtain a finding that a proposed facility cannot reasonably be
12 collocated on or at an existing telecommunications facility, the applicant must
13 demonstrate:

14 (i) collocating on or at an existing facility will result in a
15 significant reduction of the area to be served by the proposed facility or
16 substantially impede coverage objectives for the proposed facility that promote
17 the general good of the State under subsection 202c(b) of this title;

18 (ii) the existing facility cannot accommodate the applicant's
19 proposed telecommunications equipment due to structural constraints; or

1 (iii) the owner of the existing facility will not provide space for
2 the applicant's proposed telecommunications equipment on or at that facility
3 on commercially reasonable terms.

4 * * *

5 (h) Exemptions from other law.

6 (1) An applicant using the procedures provided in this section shall not
7 be required to obtain a permit or permit amendment or other approval under
8 the provisions of 24 V.S.A. chapter 117 or 10 V.S.A. chapter 151 for the
9 facilities subject to the application or to a certificate of public good issued
10 pursuant to this section. This exemption from obtaining a permit or permit
11 amendment under 24 V.S.A. chapter 117 shall not affect the deference to be
12 given to a policy or recommendation based on a local land use bylaw under
13 subsection (c) of this section.

14 ~~(2) Ordinances~~ An applicant using the procedures provided in this
15 section shall not be required to obtain an approval from the municipality under
16 an ordinance adopted pursuant to 24 V.S.A. § 2291(19) or a municipal charter
17 that would otherwise apply to the construction or installation of facilities
18 subject to this section are preempted. This exemption from obtaining an
19 approval under such an ordinance shall not affect the deference to be given to a
20 policy or recommendation based on such an ordinance under subsection (c) of
21 this section.

1 (1) ~~provide~~ Provide each service location in Vermont access to Internet
2 service that is capable of speeds of at least 10 Mbps download and 1 Mbps
3 upload, or the FCC speed requirements established under Connect America
4 Fund Phase II, whichever is higher, beginning with locations not served as of
5 December 31, 2013 according to the minimum technical service characteristic
6 objectives applicable at that time. Within this category of service locations,
7 priority shall be given first to unserved and then to underserved locations. As
8 used in this section, “unserved” means a location having access to only satellite
9 or dial-up Internet service and “underserved” means a location having access
10 to Internet service with speeds that exceed satellite and dial-up speeds but are
11 less than 4 Mbps download and 1 Mbps upload.

12 (2) Provide universal availability of mobile telecommunications service
13 throughout the State.

14 (b) Any new services funded in whole or in part by monies from this
15 Initiative shall be capable of being continuously upgraded to reflect the best
16 available, most economically feasible service capabilities.

17 ~~(b)~~(c) The Department of Public Service shall publish annually a list of
18 census blocks eligible for funding based on the Department’s most recent
19 broadband mapping data. The Department annually shall solicit proposals
20 from telecommunications service providers, alone or in partnership with one or
21 more municipalities, to deploy broadband to eligible census blocks.

1 (d) The Department shall give priority to proposals that reflect the lowest
2 cost of providing services to unserved and underserved locations; ~~however, or~~
3 that include upgrading Internet service at one or more public schools that do
4 not have access to Internet service capable of the minimum speeds
5 required under subdivision (a)(1) of this section. In addition, the
6 Department shall give priority to proposals that include matching public or
7 private funds and establish an alignment between the proposed broadband or
8 cellular project and community goals.

9 (e) In addition to the priorities established in subsection (d) of this section,
10 the Department also shall consider:

11 (1) the proposed data transfer rates and other data transmission
12 characteristics of services that would be available to consumers;

13 (2) the price to consumers of services;

14 (3) the proposed cost to consumers of any new construction, equipment
15 installation service, or facility required to obtain service;

16 (4) whether the proposal would use the best available technology that is
17 economically feasible;

18 (5) the availability of service of comparable quality and speed; ~~and~~

19 (6) the objectives of the State’s Telecommunications Plan;

1 ~~(7) the ability of a public school to have Internet connectivity to any~~
2 ~~other district or supervisory union that meets the most recent standards~~
3 ~~for high speed Internet upload and download capacities;~~

4 (7) whether a public school has a percentage of students receiving free
5 or reduced lunches that is above the State average;

6 (8) whether the community in which a public school is situated does not
7 have high speed Internet connectivity; and

8 (9) whether the community in which a public school is situated is rural
9 and has a percentage of households categorized as low-income that is higher
10 than the State average.

11 **Sec. 4. 24 V.S.A. § 5609 is added to read:**

12 **§ 5609. SCHOOL CONNECTIVITY GRANT PROGRAM**

13 ~~(a) Creation. There is created a School Connectivity Grant Program~~
14 ~~to provide competitive grants to schools for capital costs associated with~~
15 ~~state-of-the-art educational applications and equipment. The Program is~~
16 ~~authorized to award grants of up to \$50,000.00 per project. The~~
17 ~~Department of Public Service shall administer and coordinate the~~
18 ~~Program.~~

19 ~~(b) Priorities. The criteria for awarding grants under the Program~~
20 ~~shall be consistent with the following priorities:~~

1 ~~(1) the school has a percentage of students receiving free or reduced~~
2 ~~lunches that is above the State average;~~

3 ~~(2) the community in which the school is situated is rural and has a~~
4 ~~percentage of households categorized as low-income that is higher than~~
5 ~~the State average; or~~

6 ~~(3) the school has received upgraded Internet service within the~~
7 ~~prior three calendar years, or is expected to receive upgraded Internet~~
8 ~~service in the coming calendar year.~~

9 ~~(c) Notwithstanding section 5601 of this chapter, there are no match~~
10 ~~requirements for the grants awarded in subsection (a) of this section.~~

11 Sec. 4. FY 2017 CAPITAL APPROPRIATION; CONNECTIVITY

12 INITIATIVE

13 ~~(a) The sum of \$1,000,000.00 is appropriated to the Connectivity Initiative,~~
14 ~~established in 30 V.S.A. § 7515b, from the bond premium in the FY 17 Capital~~
15 ~~Budget Adjustment Act.~~

16 ~~(b) The sum of \$200,000.00 is appropriated to the School Connectivity~~
17 ~~Grant Program, established in 24 V.S.A. § 5609, from the FY 17 Capital~~
18 ~~Budget Adjustment Act.~~

1 Sec. 5. 30 V.S.A. § 7523 is amended to read:

2 § 7523. RATE OF CHARGE

3 (a) Beginning on July 1, 2014, the rate of charge shall be two percent of
4 retail telecommunications service.

5 (b) Beginning on July 1, 2016 and ending on June 30, 2020, the rate of
6 charge established under subsection (a) of this section shall be increased by
7 one-half of one percent of retail telecommunications service, and the monies
8 collected from this increase shall be transferred to the Connectivity Fund
9 established under section 7516 of this title to provide specifically additional
10 support for the Connectivity Initiative established under section 7515b of this
11 title.

12 (c) Universal Service Charges imposed and collected by the fiscal agent
13 under this subchapter shall not be transferred to any other fund or used to
14 support the cost of any activity other than in the manner authorized by this
15 section and section 7511 of this title.

16 Sec. 6. 30 V.S.A. § 7516 is amended to read:

17 § 7516. CONNECTIVITY FUND

18 (a) There is created a Connectivity Fund for the purpose of providing
19 support to the High-Cost Program established under section 7515 of this
20 chapter and the Connectivity Initiative established under section 7515b of this
21 chapter. The fiscal agent shall determine annually, on or before September 1,

1 the amount of monies available to the Connectivity Fund. Such funds shall be
2 apportioned as follows: 45 percent to the High-Cost Program and 55 percent to
3 the Connectivity Initiative.

4 (b) In addition to the monies transferred to the Fund pursuant to subsection
5 (a) of this section, monies collected from one-half of one percent of the
6 Universal Service Charge shall be allocated to the Fund specifically to provide
7 additional support to the Connectivity Initiative, as prescribed in subsection
8 7523(b) of this title.

9 * * * VUSF; News Service; Blind and Visually Impaired * * *

10 Sec. 7. 30 V.S.A. § 7511 is amended to read:

11 § 7511. DISTRIBUTION GENERALLY

12 (a)(1) As directed by the Commissioner of Public Service, funds collected
13 by the fiscal agent, and interest accruing thereon, shall be distributed as
14 follows:

15 (A) to pay costs payable to the fiscal agent under its contract with the
16 Commissioner;

17 (B) to support the Vermont telecommunications relay service in the
18 manner provided by section 7512 of this title;

19 (C) to support the Vermont Lifeline program in the manner provided
20 by section 7513 of this title;

1 (D) to support Enhanced-911 services in the manner provided by
2 section 7514 of this title; ~~and~~

3 (E) to support a telecommunications information and news service in
4 the manner provided by section 7512a of this title; and

5 (F) to support the Connectivity Fund established in section 7516 of
6 this title; and

7 (2) for fiscal year 2016 only, any personnel or administrative costs
8 associated with the Connectivity Initiative shall come from the Connectivity
9 Fund, as determined by the Commissioner in consultation with the
10 Connectivity Board.

11 (b) If insufficient funds exist to support all of the purposes contained in
12 subsection (a) of this section, the Commissioner shall allocate the available
13 funds, giving priority in the order listed in subsection (a).

14 Sec. 8. 30 V.S.A. § 7512a is added to read:

15 § 7512a. TELECOMMUNICATIONS NEWS SERVICE

16 The fiscal agent shall make distributions to the State Treasurer for a
17 telecommunications information and news service that provides access to
18 existing newspapers and other printed materials for individuals who are blind,
19 visually impaired, or otherwise unable to read such printed materials. The
20 amount of the transfer shall be determined by the Commissioner of Public

1 Service as the amount reasonably necessary to pay the costs of a contract
2 administered by the Department of Public Service.

3 * * * **High-Cost Program; Eligibility; Deployment Information** * * *

4 **Sec. 9. 30 V.S.A. § 7515(l) is added to read:**

5 **(l) A company shall not be eligible to receive monthly support under**
6 **this section if the company or one of its affiliates does not provide**
7 **deployment information requested by the Department of Public Service**
8 **under subsection 202e(c) of this title.**

9 * * * **Proposal; School Connectivity Grant Program** * * *

10 **Sec. 10. PROPOSAL; SCHOOL CONNECTIVITY GRANT PROGRAM**

11 **On or before December 1, 2016, the Secretary of Education and the**
12 **Director of Telecommunications and Connectivity shall propose to the**
13 **General Assembly in the form of a draft bill a school connectivity grant**
14 **program designed to provide competitive grants to public schools for**
15 **capital costs associated with the purchase of state-of-the-art educational**
16 **applications and equipment. The goal of the program is to ensure that the**
17 **maximum Internet service available to the school is accessible by all**
18 **personnel and students on school grounds, consistent with and supportive**
19 **of educational policies and objectives. Proposed criteria shall prioritize**
20 **rural communities having a percentage of low-income households higher**
21 **than the State average.**

