Richard C. Fipphen Associate General Counsel State Regulatory Affairs

August 5, 2020

BY EFILE

Aida Camacho-Welch, Secretary NJ Board of Public Utilities 44 South Clinton Avenue, 9th Floor Post Office Box 350 Trenton, NJ 08625-0350

> Re: Application of Verizon New Jersey Inc. for a Renewal of a System-Wide Cable Television Franchise Docket No.:

Dear Secretary Camacho-Welch:

Attached for filing is Verizon New Jersey Inc.'s ("Verizon NJ") Application for the Renewal of a System-Wide Cable Television Franchise ("Renewal Application"). Subject to the Board's Order in Docket No. EO20030254 dated March 19, 2020, the required Renewal Application and public hearing fees will be submitted at a later date to be determined by the Board.

Pursuant to N.J.A.C. §14:18-14.18, Verizon NJ is providing notice of this filing via electronic mail to the clerk of each municipality for which Verizon NJ has authorization to provide cable television service. The municipalities receiving notice are listed in Exhibit B of the Renewal Application. The notice indicates that a copy of the Renewal Application is available for review on Verizon NJ's website at: https://www.verizon.com/about/our-company/state-government-affairs

Please contact me should you have any questions or require further information.

Respectfully submitted,

Ruber C. Int

Richard C. Fipphen

cc: (By email)

Lawanda Gilbert, Director, Office of Cable Television and Telecommunications Maria Novas-Ruiz, Assistant Deputy Rate Counsel



ROBERT M. HANNA President

JEANNE M. FOX Commissioner

JOSEPH L. FIORDALISO Commissioner

MARY-ANNA HOLDEN Commissioner

DIANNA SOLOMON Commissioner



LAWANDA R. GILBERT Acting Director

OFFICE OF CABLE TELEVISION TEL: (609) 341-9186 FAX: (609) 777-3325

State of Rew Jersey Board of Public Utilities 44 South Clinton Avenue, 9th Floor PO Box 350 Trenton, NJ 08625-0350 www.nj.gov/bpu

APPLICATION FOR A RENEWAL OF A SYSTEM-WIDE CABLE TELEVISION FRANCHISE

Note: Read all instructions carefully.

I. Organization and Management

(to be completed by all applicants)

- 1. Name of applicant: Verizon New Jersey Inc. ("Verizon NJ" or "Applicant")
- 2. Address & Telephone: One Verizon Way, Basking Ridge, NJ 07920, 908-559-2001
- 3. System Name: Verizon New Jersey Inc.
- 4. Office Address: One Verizon Way, Basking Ridge, NJ 07920
- 5. Briefly describe components of the system including location of major equipment (e.g., hub, headend, distribution center, VHO, VSO). Please include a detailed description of off-air content insertion method, including reception and delivery (terrestrial, tower, etc) for each DMA in proposed system.

See Exhibit A.

6. Please indicate each municipality included in this application for a system-wide cable television franchise. Include a projected start and projected completion date, as known, beginning with the municipalities required to be served under N.J.S.A. 48:5A-25.2. If all of the municipalities required to be served under N.J.S.A. 48:5A-25.2 are not included in this application, please note those municipalities and provide an explanation. Attach additional sheets if necessary.

This submission is an application for a renewal of Verizon NJ's system-wide cable television franchise ("Renewal Application"). Once the Board of Public Utilities ("Board") approves the Renewal Application, the franchise authorization will include all municipalities currently included in Verizon NJ's system-wide cable television franchise

authorization at the time of the submission of this Renewal Application and any municipalities that Verizon NJ may subsequently add prior to the Board's approval of the Renewal Application. A complete list of the municipalities included in the Renewal Application, which includes all municipalities required to be served under N.J.S.A. 48:5A-25.2, is attached as Exhibit B.

Verizon NJ may add municipalities to its system-wide cable television franchise authorization without prior Board approval as long as it provides the Board, the Department of the Public Advocate and its Division of Rate Counsel ("Rate Counsel"), and the affected municipality or municipalities 48 hours advance notice prior to activation. See Order, In the Matter of the Application of Verizon New Jersey, Inc. for a System-wide Cable Television Franchise, BPU Docket No. CE06110768 (December 18, 2006) ("Verizon NJ SWF Approval Order") at 15 (Condition No. 6).

Since Verizon NJ was granted its current franchise renewal in 2013, it has added 12 additional municipalities to its franchise area, for a total of 392 municipalities.¹ Verizon NJ presently offers cable television service in 371 of these cities and towns, which are located in 19 counties across the State, more than are served by any other single wireline video provider. Verizon NJ is offering cable television service to a large number of households in these municipalities, as shown by the Board's approval of certifications² that Verizon NJ is offering cable television service to more than 60% of the households in 262 municipalities.

CO (If applicable)	Municipality	County	Is this a required municipality under N.J.S.A. 48:5A-25.2	Expected Activation of Service Date	Expected Full Service Availability Date

7. Type of business activity:

(a) <u>X</u> Corporation

August 25, 1904; New Jersey

(date of incorporation and state) (Attach a copy of the incorporation, new applicants only)

¹ Two of these municipalities, Princeton Borough and Princeton Township have merged into one.

² A system-wide franchisee must pay 3.5% of total video revenues to municipalities and up to 0.5% to the State Treasurer to administer a Universal CATV access fund. In contrast, incumbent cable companies must pay only 2% of basic cable revenues to municipalities, until and unless the Board certifies that Verizon is capable of serving at least 60 percent of the households in a municipality, in which case the incumbent provider must match the higher fee. *N.J.S.A* §§ 48:5A-30(a), (d).

(b)		of partnership agreement) h a copy of the agreement, new applicants only)
(c)	Proprietorship	(type)
(d)	Limited Liability Company (LLC)	
(e)	_Other (describe)	

- Note: For the purposes of this application, a principal is any individual, business organization or other entity in ownership control of 3% or more of the voting stock or any equivalent voting interest of a partnership or joint venture of an applicant.
- 8. (a) Complete for all principals and beneficial holders of 3% or more voting stock or equivalent ownership interest in applicant as noted above. Principals include individuals, corporations, partnerships, joint ventures and unincorporated associations:

Number of shares of each class of stock and percentage of ownership interest, including stock and/or partnership options, and the type and voting rights in each class:

Name: Verizon Communications Inc. Tel: (212) 395-1000

Address: 1095 Avenue of the Americas, New York, NY 10036

Nature of interest: _ partner X stockholder __ officer __ member __ other __ (describe)

Shares of stock_____

Percentage of Ownership <u>100%</u>

Voting Stock Interest

Verizon NJ is a wholly-owned subsidiary of Verizon Communications Inc. With more than \$131.9 billion in annual revenues, Verizon Communications Inc. (NYSE:VZ) is one of the world's leading providers of communications services. Verizon Communications Inc. has a diverse workforce of more than 135,000 employees across all business units. Domestic Telecom provides customers throughout the United States with wireline and other telecommunications services and is responsible for the deployment of Verizon NJ's Fios TV services. In addition, Verizon Wireless owns and operates the nation's most reliable wireless network, serving millions of voice and data customers across the United States.

Number of shares of each class of stock and percentage of ownership interest, including stock and/or

partnership options, and the type and voting rights in each class:

Verizon NJ has one share of common stock, no par value, issued to Verizon Communications Inc. It is voting stock.

Number of shares of each class of stock and percentage of ownership interest, including stock and/or partnership options, and the type and voting rights in each class:

(2)	Name:		Tel.:				
	Address:						
		(street)	(municipality)	(state)	(zip code)		
	Nature of in (describe)	terest:p	artnerstockholdero	officermember	other		
	Shares of St	ock					
	Percentage	of Ownership					
	Voting Stoc	k Interest					

Number of shares of each class of stock <u>and</u> percentage of ownership interest, including stock and/or partnership options, and the type and voting rights of each class.

(3)	Name:		Tel.:				
	Address:						
		(street)	(municipality)	(state)	(zip code)		
	Nature of in (describe)	nterest:par	tner <u>stockholder</u> offi	cer <u>m</u> ember_	other		
	Shares of S Percentage	tock of Ownership					
	Voting Stor	ck Interest					

Number of shares of each class of stock <u>and</u> percentage of ownership interest, including stock and/or partnership options, and the type and voting rights of each class.

(4)	Name:			T	el.:	
Address:						
		(street)		(municipality)	(state)	(zip code)
	Nature of in	terest:	partner_	stockholderoff	icer <u>m</u> ember_	other

(describe)	
Shares of Stock	
Percentage of Ownership	
Voting Stock Interest	

Number of shares of each class of stock <u>and</u> percentage of ownership interest, including stock and/or partnership options, and the type and voting rights of each class.

(5)	Name:		Tel.:				
	Address:						
		(street)	(municipality)	(state)	(zip code)		
	Nature of ir (describe)	nterest:partner_	stockholderoffi	cermember	other		
	Shares of S	tock					
	Percentage	of Ownership					
	Voting Stor	ek Interest					

Number of shares of each class of stock <u>and</u> percentage of ownership interest, including stock and/or partnership options, and the type and voting rights of each class.

(6)	Name:	Tel.:					
	Address:						
	Nature of interest:p (describe)	artner_	stockholder	_officer_	_member	other	
	Shares of Stock Percentage of Ownership						
	Voting Stock Interest						

Number of shares of each class of stock <u>and</u> percentage of ownership interest, including stock and/or partnership options, and the type and voting rights of each class.

(7)	Name:	 Tel.:
	Address:	

(b) Complete for all organizations (not individuals) listed in Item 8(a):

Name:	Verizon Communications Inc.		Tel.: <u>(2</u> 1	2) 395-1000		
Address:	1095 Avenue of the Americas		New York	NY	10036	
	(street)		(municipality)	(state)	(zip code)	
II 11 C100/		1				
Holders of 10% (or more of stock	or ownership inte	rest:			
Name Ownership		Address		Tel. No.	% of	
Verizon Comm	unications Inc.,	1095 Avenue of New York, NY		(212) 395-1000	100%	

9. System Personnel (if not applicable so indicate):

(a)		Douglas P. Sullivan Vice President Network and Field Op Recently Appointed to Position	Tel No. (301) 282-8077) erations – Mid-Atlantic Region
(b)	Chief Engineer: Present Position: Yrs. Exp.	Robert Massarella Director – Network Engineering and Recently Appointed to Position	Tel No. (214) 223-4859 Operations
(c)	Accountant:	Craig Carlson	Tel. No. (908) 559-6372
	Address:	One Verizon Way, Basking Ridge, 2	NJ 07920
(d)	Attorney:	Keefe B. Clemons	Tel. No. (212) 519-4716
	Address:	6 Bowdoin Sq. 9 th Floor, Boston, MA	02114
(e)	Consultant: Address:	Not applicable	Tel. No.
(f)	Registered Agent	: The Corporate Trust Company	Tel. No. (855) 884-7359
	Address:	800 Bear Tavern Road, West Trenton	a, NJ 08628

- Note: Personnel indicated for operations positions shall be those persons who, in fact, will have responsibility, authority and control of the day-to-day system construction and operation. Include those individuals who should be contacted by OCTV representatives during the normal course of business.
 - (g) Other: Franchise Manager: Tanya K. Davis Tel. No. (914) 821-9681 Email: tanya.k.davis@verizon.com Address: 111 Main St., 6th Floor, White Plains, NY 10601
- 10. Names and addresses, with emergency contact information, of all officers of applicant and office held by each:

This information was filed with the Board on March 31, 2020 as an attachment to OCTV Form F-99. Exhibit C reflects one change since the filing.

11. Names and addresses, with emergency contact information, of all members of the board of directors of applicant and position held by each:

This information was filed with the Board on March 31, 2020 as an attachment to OCTV Form F-99. There have not been any changes since that time.

12. Address and telephone number of each office in New Jersey from which business is or will be conducted, indicating the principal office and the office at which records will be kept pursuant to N.J.S.A 48:5A-45:

Verizon New Jersey Inc., 9 Gates Avenue, Montclair, NJ 07042-3399

Verizon New Jersey Inc., One Verizon Way, Basking Ridge, NJ

Contact: Ava-Marie Madeam Email: <u>avamarie.p.madeam@verizon.com</u> Telephone: (201) 259-1984

Contact: Sylvia Del Vecchio Email: <u>sylvia.l.del.vecchio@verizon.com</u> Telephone: (973) 233-9814

Address and telephone number of the designated local office(s) or agent(s) available to receive, investigate and resolve any problems that the subscriber may encounter regarding equipment malfunctions, quality of service and other similar matters, pursuant to <u>N.J.S.A</u> 48:5A-26 and <u>N.J.A.C.</u> 14:18-5.1.

If the municipalities listed in 6 above will be served by different local offices or more than one local office, please indicate which municipalities will be served by which office. (For example, office located at One Any Street, Anytown, NJ will serve the following municipalities :)

If the system-wide cable television franchise applicant has not determined locations for all local offices, please indicate which offices have been designated for which corresponding municipalities and set forth the procedures by which the system-wide franchise applicant will assign additional local offices as it deploys its service.

Verizon NJ maintains local business offices or agents within reasonable proximity to the municipalities in Verizon NJ's system-wide franchise service area in accordance with N.J.S.A. 48:5A- 26d and N.J.A.C. 14:18-5.1. At these offices, applications for service, complaints, service inquiries, and bill payments are received, and customers may access files open to public inspection. A list of Verizon NJ's local business offices, including addresses and telephone numbers and the municipalities they serve, is attached as Exhibit D.

II. Legal and Character Qualifications (All applicants)

1. Has the applicant (including parent corporation or any principal) ever been convicted by any court or administrative agency of any felony, libel, slander, obscenity, invasion of privacy, lotteries or unfair methods of competition? Yes X No.

If "Yes," attach a statement containing the background of the charge and the final resolution.

2. Has the applicant (including parent corporation or any principal) ever had any public licenses revoked or suspended by legal or administrative action by any governmental agency? Yes X No.

If "Yes," attach a statement containing the specifics.

3. Has the applicant (including parent corporation or any principal) ever been involved in any bankruptcy proceeding? Yes X No. *Neither Verizon NJ nor Verizon Communications Inc. has filed for bankruptcy.

If "Yes," attach a statement containing the specifics.

4. Has the applicant or any party to the application (including parent corporation or any principal) ever been convicted by a U.S. Federal Court concerning any violation relating to unlawful restraints and to any agreements in restraint of trade? Yes X No.

If "Yes," attach a statement containing the specifics.

5. Are any of the above actions relating to the applicant (including parent corporation or any principal) currently pending? Yes X No.

If "Yes," attach a statement containing the specifics.

6. Does the applicant, or any principal, directly or indirectly own, operate, control or have more than three percent interest in any of the following:

		YES	<u>NO</u>
a.	A national broadcast television network		<u>X</u>
b.	Any broadcast television station (including VHF)		<u>X</u>
c.	Any newspaper published or distributed in the State of New Jersey		<u>X</u>
d.	A national broadcast radio network		<u>X</u>
e. f.	Any broadcast radio station (including FM) Any other media enterprise		<u>X</u> <u>X</u>

For each affirmative response, attach a statement containing specifics including percentage of ownership.

7. Are there any outstanding unsatisfied judgments or decrees against the applicant or party to the application (including parent corporation or any principal)? Yes X* No. *There are no material judgments.

If "Yes," attach a statement containing the specifics.

<u>III. Cable Experience</u> (new applicants only)

1. List all cable television systems ever owned by applicant or any principal (or parent corporation or another subsidiary of parent) in which any of the former owned 3% or more of the equity interest.

Note: List the following information for each system.

(a) Name of system, principal municipalities, address and telephone number of principal office, date of franchise(s), percentage of franchise area constructed, approximate number of subscribers and percentage of penetration as of the date of this application, and date of disposition, if applicable.

Not applicable: This is a Renewal Application.

(b) Has the applicant or any principal (or the parent corporation or any other subsidiary of the parent) ever had any equity interest in any cable television system, in the State of New Jersey, as defined by <u>N.J.S.A.</u> 48:5A-1 <u>et seq</u>.

Yes _____ No _____

If yes, explain:

Not applicable: This is a Renewal Application.

IV. System Design

1. Each applicant shall describe in narrative form the existing or contemplated cable system design concept e.g., terrestrial, satellite, or wireless, indicating the initial proposed type of network and the development and extension of the system over the period of the proposed system-wide franchise. Information should also be provided concerning the following or its technical equivalent:

Verizon NJ has upgraded its telecommunications facilities in large portions of its telecommunications service territory so that cable television services may be provided over those facilities. This upgrade consists of deploying fiber optic facilities directly to subscriber premises. The construction of Verizon NJ's fiber-to-the-premises ("FTTP") network (the "FTTP Network") is performed under authority of Title II of the Communications Act of 1934 and under the appropriate state telecommunications authority granted to Verizon NJ by the Board and under Chapters 3 and 17 of the Department of Public Utilities Act of 1948. The FTTP Network uses fiber-optic cable and optical electronics to directly link homes to the Verizon NJ network.

(a) Extent to which two-way capability will be available for all services to be offered and what provisions will be made for future development and conversions e.g., analog/digital to all digital.

See above and Exhibit A.

(b) Total signals, analog and/or digital, to be carried and any auxiliary equipment to be provided to subscribers.

See above and Exhibit A.

(c) A description of the methods to be employed for securing premium services and the extent that subscribers will be required to use equipment supplied by the applicant to receive those services.

See above and Exhibit A.

(d) In the case of a renewal, the extent to which the applicant will <u>rebuild</u>, <u>upgrade</u> or <u>extend</u> system plant into previously unserved areas. Provide estimated dates of commencement and completion. Indicate what will be replaced.

Verizon NJ's service area encompasses 18 of the 21 county seats in New Jersey (all but the Hunterdon, Sussex and Warren County seats). Verizon NJ's service area also encompasses 60 municipalities that meet the population density criteria. Given that some municipalities in Verizon NJ's service territory meet both the countyseat and the population-density criteria, a total of 70 municipalities in Verizon NJ's footprint are subject to the statutory requirements contained in N.J.S.A. § 48:5A-25.2(a)(1) and N.J.S.A. § 48:5A-25.2(a)(2). Verizon NJ satisfied its obligation under these requirements by October 2015.

- 2. Public, Educational and Governmental Access; Free Service
- a. Provide information as to the number and cable channel designation of the access channels required by N.J.S.A. 48:5A-28(i).

This information was furnished to OCTV Staff on February 28, 2020 in response to the Cable Facts Survey; there have been no changes since that time.

b. Provide information, in narrative form, regarding equipment and training to be made available by the applicant for its own use and/or for the use of municipalities in the system-wide franchise. Describe the nature and overall amount of equipment to be provided, indicating when and where equipment will be available. If this information is not available, please set forth how compliance with N.J.S.A. 48:5A-28(1) will be met.

Note:	Equipment and training for use by access channel users must be made available
	according to N.J.S.A. 48:5A-28(1).

See Exhibit E

c. Describe, in narrative form, any other services to be provided by the system-wide franchise applicant. Such description shall include, but not be limited to, services such as free basic cable and Internet connection for schools, libraries and / or municipal service properties, interconnection with other CATV providers, and return feeds for PEG use in each municipality covered by the system-wide franchise. If this information is not available, please set forth how compliance with N.J.S.A. 48:5A-28(i), (j) (k) and (m) will be met.

Note: Provision of free cable and Internet services and return feeds or connections are required by N.J.S.A. 48:5A-28(i), (j), (k) and (m)

Verizon NJ satisfies the requirements of N.J.S.A. 48:5A-28(i), (j), (k) and (m) and will continue to do so under its second franchise renewal. Verizon NJ previously filed

quarterly free drop and return line reports with OCTV staff until OCTV staff relieved Verizon NJ on January 11, 2011 of filing quarterly reports on the status of free services, PEG access channels and return lines, due to a demonstrated commitment to providing these services.

3. Multiple Dwelling Units (MDUs)

This section applies to CATV companies that, on the date of the issuance of the system-wide franchise, provide more than 40 percent of the local exchange telephone service market in the State.

a. Describe the technical specification of the systems planned for use in MDUs and describe any anticipated construction problems or technical limitations associated with these systems.

Verizon NJ provides service to MDUs pursuant to the procedures set forth in Exhibit F.

b. To the extent service to MDUs may present continued technical issues, describe the steps expected to be taken to satisfy the requirements of the statute for providing service.

Since being granted a system-wide franchise in 2006, Verizon NJ has contacted representatives of thousands of MDUs, and has been negotiating premises access agreements so that it can offer cable television service to customers in these buildings. In fact, Verizon NJ offers cable television service to thousands of MDU properties across the State where Fios TV is available and Verizon NJ has been granted access.

Regrettably, some MDU property owners have delayed and hampered Verizon NJ's ability to make Fios TV available within every MDU in these 70 municipalities. Verizon NJ has experienced difficulties obtaining access to MDU properties because property owners have offered a litany of reasons to not allow Verizon NJ to serve their MDUs, including (1) the owner does not want to inconvenience residents with an upgrade of the property's infrastructure unless a resident requests Fios; (2) the owner is not required to give access to Verizon NJ under the Board's rules³ because the property is already served by a cable provider; (3) the owner simply does not want Fios; (4) the owner does not want to affect the aesthetics of the property; or (5) Verizon NJ has fulfilled its deployment obligations by making Fios available outside of the property.

Consequently, Verizon NJ has filed 84 notices with the Board that it cannot obtain access to over 5,500 MDU properties, involving over 168,000 living units. More notices are expected. To date, the Board has acted on 6 notices, approving a waiver of deployment obligations in these MDUs. Verizon NJ has continued working with property owners to obtain access and to date has provided Fios TV (and withdrawn waiver notices) to more than 660 of these properties, with approximately 300 more pending withdrawal. Verizon NJ has also filed over 560 mandatory access petitions requesting that the Board either

³ *N.J.A.C.* § 14:18-4.5(b).

grant Verizon NJ access or waive the deployment obligation.⁴ Verizon NJ subsequently withdrew more than 120 of these petitions after having successfully negotiated access to the subject properties.

V. Receiving Site/Head End/Distribution Center

1. If a renewal, indicate **X** existing proposed.

Not applicable. This is a Renewal Application.

- 2. Tower (where used):
 - Primary or backup Yes () No (X)* (a)

*Tower use is only for back-up and is generally in addition to terrestrial back-up.

If back-up is indicated, please note that the OCTV is collecting the information specified in 1 and 2 for continuity purposes.

- (b) Is F.A.A. approval required? Yes () No ()
- 3. Signal survey. (For new antennas only)
 - Note: The Office will not accept a computer survey by itself. An actual site (a) survey including signal levels and viewing of television pictures, with remarks on what was observed is required.
 - (b) Date: (Manufacturer) (c) Test antenna(s)

(Type)

- (d) Test Equipment:
- Fill in the following: Not applicable. Signal surveys were provided when (e) Verizon NJ submitted its Application for a System-Wide Cable Television Franchise (the "Initial Application").

			Signal reading	
Off-Air Channel	Call Letters	<u>City</u>	in Micro-Volts	<u>Remarks</u>

⁴ Mandatory access petitions involve situations where at least one resident of an MDU property has requested Fios service, but property owners/managers have not granted access to Verizon NJ. To date, the Board has acted on one petition, issuing an order on November 11, 2011 which granted Verizon NJ access to the property. See Docket No. CE10120889.

- (f)
- Describe method and results of interference survey: List any and all other existing conditions which impact on picture quality (i.e. existence of electrical interference). (g)
- 4. Head End/VHO/Distribution Center (or equivalents).

(a)	Signal processors	Dependent on the number of channels	Encoder Demodulator/Encrypte Multiplexer/ Demultiplexer	Commscope Synamedia er Commscope Synamedia
		(number)	(model)	(mfg.)
(b)	Base band modulators	Dependent on the number of <u>channels</u>	Demodulator	Commscope
		(number)	(model)	(mfg.)
(c)	Optical Transmitters	Two per VHO Two Per VSO	Prisma II Optical Transmitter	Cisco
		(Number)	(Model)	(Mfg.)
(d)	Optical Receivers	Dependent on the number of <u>channels</u>	D9850-4S	Synamedia
		(Number)	(Model)	(Mfg.)
(e)	Optical Amplifiers	Dependent on the number of <u>PONS*</u>	Prisma II Optical Amplifiers	Cisco
;	*Passive Optical Netwo	(Number) rk	(Model)	(Mfg.)
(f)	Compression Ratio	8-20 Standard Def <u>2-5 MPEG-2 HD (</u>	inition Channels per QA Channels per QAM Car Channels per QAM Car	<u>rier</u>
(g)	QAM	256		
(h)	Pilot carrier frequenc	y (ies) <u>N/A</u>		

(i)	Block	tilt	Yes () N	No (X)	If Yes		
(j)	Pass ł	oand filters use	d Yes ()	No (X)		(db's)	
	(1)	Designate typ					
	(2)	Channels use	d on				

Hub Sites/CO/VSO (or equivalents).
 If a hub site/CO/VSO is used to deliver signal, indicate the location of the site and the method by which signal is delivered to it.

A list of VSOs is attached as Exhibit G.

VI. System Plant

1. For a renewal, indicate: X existing _____ proposed.

Not applicable. This is a Renewal Application.

 For applicants other than telecommunications service providers subject to Chapter 17 of Title 48, fill in the following for construction of a cable television system: (If construction is complete, provide completed mileage figures.)

Applicant is a telecommunications service provider subject to Chapter 17 of Title 48.

		Aerial	Underground	Count
(a)	Fiber	miles	mile	sFibers
(b)	Distribution	miles	mile	sFibers

- (c) Mileage determined by the following method:
- For applicants other than telecommunications service providers subject to Chapter 17 of Title 48, indicate the rate of annual construction (in terms of total primary service area) for construction, rebuild or extension of a cable television system. (New systems, rebuilds and extensions)

Applicant is a telecommunications service provider subject to Chapter 17 of Title 48.

	Miles of plant	% of Primary
Fiber	distribution	Service Area

1 st year:	aerial underground
2 nd year:	aerial underground
3 rd year: 4 th year:	aerial underground aerial underground
5 th year:	aerial underground

4. Attach as an appendix a technical description of proposed system including: equipment to be used; use of standby power supplies; utility bonding methods; and the overall capabilities of the system.

A technical description of the system is set forth in Exhibit A. In the Initial Application, Verizon NJ provided a description of the equipment that is being used. There are no substantive changes to this information.

5. Attach as an appendix a map or multiple maps, by municipalities, of the entire service area or submit a statement committing to provide a map or multiple maps, by municipalities, prior to the activation of the system or parts of the system, with borders designating the following:

(The scale shall be readable and acceptable to the Office of Cable Television)

- (a) Head-end/VHO/Other Video/Distribution.
- (b) Hubs/CO/VSO.
- (c) Municipal boundary.
- (d) Exchange/service area boundary.
- (e) Feeder pathway and route boundaries.VII [why the stray VII?]
- (f) All streets which are to receive service; designating aerial and underground separately.
- (g) Phases of construction for new networks or phases of video deployment for existing networks.
- (h) All streets which will be served under a "Line Extension Policy."

Note: The map(s) must show inter-municipal connections.

Verizon NJ will continue to provide deployment maps consistent with the requirements of its current system-wide cable television franchise authorization.

6. Cable/Fiber.

			Type	Count
(a)	Fiber		<u>single mode</u> fibers	Cable sizes range from 12 to 864
(b)	Distribution	0.500	<u>not applicable</u>	
		0.750	<u>not applicable</u>	
		1.0	not applicable	
		1.25	not applicable	
		Other	not applicable	
(c)	House drops	<u>single</u>	mode single fib	<u>er</u>

- If cable is not jacketed, what tests were made to determine that there were no corrosive (d) properties in the atmosphere? Not applicable. Fiber cable is jacketed.
- 7. Equipment.

		<u>Manufacturer</u>	Model	Max. Frequency
(a)	Bridger	N/A		
(b)	Line Extenders	N/A		
(c)	Taps	N/A		
(d)	Other			

8. Grounding.

Will your system be grounded and bonded in accordance with the applicable provisions of the National Electric Safety Code (NESC) and National Electric Code (NEC)?

Yes (X) No ()

9. Is fiber optic technology in use or proposed? Yes (X) No () If yes, please explain.

Verizon NJ's cable service is delivered on its FTTP Network. The cable service is distributed on the 1550nm wavelength of the fiber-to-optical network terminals (each, an "ONT") at the subscriber's home. This network is a passive optical network ("PON") between the video serving office and the subscriber's home and is compliant to the ITU-983.3 standard. For further details, see Exhibit A.

VII. System Design Standards

1. For _____ channels downstream and _____ channels upstream.

The system carries up to 135 digital (QAM-256) carriers. The system does not utilize any carriers for upstream communications. Verizon NJ does not utilize any dedicated upstream carriers, which are typically operated within the 5MHz to 50Mhz frequency range. Instead, Verizon NJ delivers upstream communication data employing MoCA technology within the subscriber premise where it is then bridged to the Verizon NJ managed fiber optic based IP network. The 5MHz to 50MHz frequency range in the Verizon NJ architecture is absent of carriers and therefore deemed quiet.

2. System spacing. (where applicable e.g., HFC/other)

- (a) Express Distribution N/A
- (c) Distribution N/A

There are no amplifiers in the fiber plant.

- 3. Maximum cascade from Node (where applicable e.g., HFC/other) <u>N/A</u>
 - (a) Bridgers in cascade N/A
 - (b) Line extenders in cascade <u>N/A</u>
 - (c) Slope between pilot carrier frequencies N/A

There are no cascades in Verizon NJ's FTTP passive distribution network.

- 4. System signal level at the output of the ONT prior to distribution into the home's coaxial network. (maximum cascade/longest loop)
 - (a) At highest frequency video carrier <u>**18 dBmV**</u>
 - (b) At channel 2 video carrier <u>12 dBmV</u>
 - (c) Channel 2 video carrier will be within <u>6 db.</u> of highest Video carrier frequency.
- 5. Within the passband, the theoretical system design performance will be equal to or better than:

All values are worst case design values measured at the output of the ONT prior to distribution into the home's coaxial network.

		Head end/VSO	ONT/Subscriber Terminal
(a)	Video carrier to		
	noise ratio		60 dB minimum

(b)	Carrier to cross modulation ratio	<u>N/A</u>
(c)	Carrier to hum ratio	
(d)	Carrier to second order beat ratio	<u>65 dBc minimum</u>
(e)	Carrier to third order beat ratio	<u>65 dBc minimum</u>
(f)	Gain to frequency response across any 6 MHZ TV channel	<u>+/- 0.5 dB</u>
(g)	Modulation to Error Ratio (MER)	<u>> 45 dB</u>
(h)	Bit Error Rate (BER)	<u>1e-10</u>

 Signal levels will not vary more than indicated as measured at any automatic gain or slope control location with maximum trunk amplifiers in cascade for 40 degree change in temperatures from last balanced temperature ____ db. If not applicable, please explain why.

Verizon NJ does not deploy active amplifiers in its passive FTTP distribution network.

- (j) R.F. Leakage
 - Will your system meet or exceed the F.C.C regulations limiting R.F. energy leakage permitted by CATV systems as set forth by <u>F.C.C. Rules and Regulations</u>, 47 CFR 76.1 <u>et seq.?</u>

 () Yes
 () No. * Not Applicable
- (k) (1) Are converters to be used? (X) Yes () No.

(2)	If yes,	
	Set Top Boxes	Commscope (Motorola)
		& Technicolor (Scientific Atlanta)
	Туре	Mfg.

(1) Premium service security method: Commscope's (Motorola) DigiCipher Conditional Access System and Synamedia's (Scientific Atlanta) PowerKey Conditional Access System. (m) Amplifiers. If not applicable, please explain why.

- (1) Amplifier power source______vac.
- (2) Is standby power to be used? Yes () () No.
- (3) If yes, where?

Verizon NJ does not deploy active amplifiers in its passive FTTP distribution network.

- 6. Equipment specification sheets
 - (a) Provide, as appendices to this section, copies of all specification sheets.

There are no substantive changes to the information that Verizon NJ provided in the Initial Application.

Note:	List t	he following information for each specification sheet:	
(1) Manufacturer.			
	(2)	Model number.	
	(3)	Name of equipment.	

(b) Provide, as appendices to this section, system construction specifications. If not applicable, please explain why.

Not applicable. Pursuant to N.J.S.A. 48:5A-15, telecommunications service providers currently authorized to provide service in New Jersey do not require approval to upgrade their facilities for the provision of cable television service.

As noted, Verizon NJ has been upgrading substantial portions of its telecommunications network with FTTP technology as a common carrier pursuant to Title II of the Communications Act of 1934 and in accordance with its authority to operate granted by the Board and in accordance with Chapters 3 and 17 of Title 48 (N.J.S.A. § 48).

As such, any construction being performed in the public rights of way is undertaken pursuant to Verizon NJ's authority as a telecommunications service provider.

VIII. System Channel Allocation

Provide the following for all signals carried: (1) (Attach additional sheets if necessary)

System Name: <u>Verizon New Jersey Inc.</u> Date effective: <u>June 30, 2020</u>

					Pay (P) Tier (T)	
					FCC Must	
					Carry (MC)	
					Broadcast Basic	
					(BB) Non-	
Cable					Broadcast Basic	
Channel/					(NBB), PEG	
Lower					Access (A)	
Edge					Local	Nature
Frequency	Converter	Call		Reception	Origination	of
(MHz)	Channel	Letters	Location	Method	(LO)	Programming

In the Order in *I/M/O Verizon New Jersey*, *Inc. for Relief of Compliance with Certain Provisions* of N.J.A.C. 14:18 pursuant to N.J.A.C. 14:18-16, BPU Docket No. CO10040249, the Board granted Verizon NJ relief from the provisions of N.J.A.C. 14:18-3.17 "Notice of alteration in Channel Allocation," pursuant to certain conditions related to the addition and deletion of channels and a requirement to provide "updated channel allocations upon request of the Board staff."

A copy of Verizon NJ's channel line-ups for Northern, Central, Mercer County, and Southern New Jersey is attached (see Exhibit H). A listing of PEG channels was filed with OCTV Staff on February 28, 2020 in response to the Cable Facts Survey.

IX. Line Extension Policy

If the system-wide franchise applicant is not proposing to provide service to all residents in each municipality at no cost beyond installation rates, attach as an appendix a copy of the proposed line extension policy for each municipality proposed to be served. Provide a homes per mile figure for use with the line extension policy for each municipality.

NOTES: System-wide franchise holders are required to meet or exceed the current line extension agreements of existing cable television operator in each municipality served by the system-wide franchise, pursuant to N.J.S.A. 48:5A-28(h)(1). The OCTV will provide guidance to any system-wide franchise applicant as to what commitments are required.
 System-wide franchise holders are required to extend plant along public rights-of-way to all residences and businesses within 150 aerial feet of the system-wide franchise holder's existing plant at no cost beyond the standard installation rate, and to all residences and businesses within 100 underground feet of the system-wide franchise holder's plant at no cost beyond the standard installation rate, pursuant to N.J.S.A. 48:5A-28(h)(1).

Verizon NJ's Line Extension Policy is attached as Exhibit I.

X. Rates

Provide a proposed rate schedule. Applicant must commit to provide an actual current rate schedule prior to activation of system and update said schedule pursuant to N.J.A.C. 14:18-3.

Applicant's informational rate schedule is maintained on file with OCTV Staff and is attached as Exhibit J.

XI. Financing

1. Estimate the capital requirements for deployment of the proposed video system including but not limited to estimates as to the transmission system and distribution and drop cable, office equipment, studio equipment, vehicles, telephone and power pole make ready, converter costs, administrative and technical personnel, wages and bonuses.

	Years				
Pre-operating Period	1	2	3	4	5

Not applicable. Verizon NJ satisfied this requirement in the Initial Application. Verizon NJ is a financially stable company which has provided telecommunications services in New Jersey for over a century. Copies of Verizon NJ's Financial Statements, including the Form-99, Form CATV-1, Form CATV-2, Unaudited Financial Statements for Verizon NJ, and S.E.C. Form 10-K are provided to the Board annually. Verizon NJ's parent company, Verizon Communications Inc., is a Fortune 20 company and a Dow 30 Industrials company, which generated 2019 revenues of \$131.9B. A copy of Verizon Communications Inc.'s 2019 Form 10K can be accessed via the following internet address:

https://www.verizon.com/about/investors/

Verizon NJ has been operating under a system-wide cable television franchise in New Jersey since 2006 and is fulfilling its deployment obligations. As a cable system franchisee, Verizon NJ files annual reports with the OCTV and Division of Audits detailing its financials and will continue to satisfy its statutory and regulatory obligations to provide the Board with the required information regarding the financing of Verizon NJ's cable operations in New Jersey.

Accordingly, during the renewal term, Verizon NJ will have access to adequate funds to continue to finance the construction, operation and maintenance of the FTTP network and the provision of cable services in New Jersey.

2. Describe the sources of funds to be provided for deployment of the video system.

Pre-operating Period 1 2 $\frac{Y \text{ ears}}{3}$ 4 5

Not applicable. Verizon NJ satisfied this requirement in the Initial Application. See Response to Section XI, Item 1 above.

3. Estimate the annual revenues anticipated from system operation and operating expenses and working capital needed in excess of that required for deployment of the video system.

Pre-operating Period 1 2 $\frac{Y \text{ ears}}{3}$ 4 5

Not applicable. Verizon NJ satisfied this requirement in the Initial Application. See Response to Section XI, Item 1 above.

- 4. The following financial data and supporting schedules will be required for the applicant's overall financial status.
 - a. Statements of personal net worth of the stockholders owning and controlling 3% or more of the voting stock or any equivalent voting interest of the Applicant Corporation or individuals if other than a corporation.

A copy of Verizon Communications Inc.'s 2019 Annual Report to Shareholders is available online at:

https://www.verizon.com/about/investors/

b. Current financial statement of applicant (balance sheet, profit and loss statements, statement of cash flows).

Not applicable. Verizon NJ satisfied this requirement in the Initial Application. See Response to Section XI, Item 1 above. In addition, Verizon NJ files unaudited financial statements with the Board on an annual basis as part of the F99 filing.

c. Pro forma estimate of balance sheet, projecting the pre-operating period and the first five (5) years.

Not applicable. Verizon NJ satisfied this requirement in the Initial Application. See Response to Section XI, Item 1 above.

d. Pro forma estimate of profit and loss statement, projecting the pre-operating period and the first five (5) years, <u>in detail.</u>

Not applicable. Verizon NJ satisfied this requirement in the Initial Application. See Response to Section XI, Item 1 above.

- e. Submit schedules indicating pertinent subscriber data for periods similar to "e" and "d" above;
- 1. Homes passed.
- 2. Where applicable, anticipated subscribers at the beginning and ending of each respective year and corresponding penetration estimates for:
 - (i) Cable television reception service.
 - (ii) Premium cable television service.
 - (iii) Seasonal subscribers.
 - (iv) Other; second outlet, reconnection, etc., (designate).

Not applicable. Verizon NJ satisfied this requirement in the Initial Application. See Response to Section XI, Item 1 above.

f. Revenue by category (see "4d").

Not applicable. Verizon NJ satisfied this requirement in the Initial Application. See Response to Section XI, Item 1 above.

- g. Pro forma statement of cash flows, projecting for the pre-operating period and for the first five (5) years (see "2" above).
 Not applicable. Verizon NJ satisfied this requirement in the Initial Application. See Response to Section XI, Item 1 above.
- h. Schedule showing assumptions used (i.e., costs per mile, converter costs, make-ready cost, expense ratio, projected penetration, revenue charge, etc.).

Not applicable. Verizon NJ satisfied this requirement in the Initial Application. See Response to Section XI, Item 1 above.

i. Pro forma estimate of capital expenditures, projecting for the pre-operating period and the first five (5) years. Indicate depreciation life expectancy of each category of plant, equipment and the method of depreciation used. (Please note that this total is to correspond with balance sheet figure.)

Not applicable. Verizon NJ satisfied this requirement in the Initial Application. See Response to Section XI, Item 1 above.

All information which does not fit in the space provided should be attached as appendices.

XII. Financial Terms and Conditions

1. Provide, as appendices, written evidence of commitments from person who will provide funds including parent and subsidiary companies, together with detailed terms and conditions of those commitments, any obligation which may affect the operation of the system, and submit current financial statements as to present status of cable operator together with current financial statements of parent, subsidiary companies and/or other financial interests, if applicable. Provide audited financials or an explanation of why they are unavailable.

Not applicable. Verizon NJ satisfied this requirement in the Initial Application. See Response to Section XI, Item 1 above.

For each document attached in accordance with this section, provide the following. If not applicable, please explain why.

- a. Source of financing.
- b. Terms of financing (payment, interest rates, etc.).
- c. Amount of at financing.
- d. How funds are to be utilized.
- e. Type of funds (equity, intercompany debt, third party financing, cash flow, etc.).
- 2. Provide, as appendices, copies of all financial agreements, contracts and leases pertaining to the deployment and operation of the video system, or provide a commitment to have the documents available in State for review and copying, if required by the OCTV, within 72 hours. If not applicable, please explain why.

Not applicable. Verizon NJ satisfied this requirement in the Initial Application. See Response to Section XI, Item 1 above.

3. Furnish all other pertinent financial data affecting present or future operations, and/or deployment as well as other services to be rendered or contemplated which could affect the proposed system. If not applicable, please explain why.

Not applicable. Verizon NJ has provided relevant financial information in response to other questions in Section XI and this Section of the Renewal Application.

XIII. Bonding and Insurance

1. Provide evidence indicating compliance with N.J.S.A. 48:5A-28(f) as to the type and amounts of insurance the applicant will have as of franchise date.

A copy of the Insurance Certificate is attached as Exhibit K.

2. Indicate the amount of performance bond applicant will have as of deployment date in each municipality, pursuant to N.J.S.A. 48:5A-28(d).

Pursuant to the Verizon NJ SWF Approval Order at 14, Verizon NJ posted a single performance bond in the amount of \$50,000 with OCTV for the benefit of municipalities included in the franchise area. Verizon NJ will maintain the bond during the renewal term. A copy of the bond is attached as Exhibit L.

XIV. Liability

By filing this application, the applicant's commits to hold harmless the Board and each municipality affected by the application for any liability arising out of the applicant's operation and construction of its cable television system, pursuant to N.J.S.A. 48:5A-28(e).

YES X

XVI. Verification

)

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Commonwealth of Massachusetts County of Suffolk

ss:

Keefe B. Clemons (hereinafter referred to as affiant) being duly sworn upon his oath according to law, deposes and says that he is **Vice-President, General Counsel and Secretary of Verizon New Jersey Inc.**; that he is authorized on the part of the applicant to verify and file with the Board of Public Utilities this application for a cable television franchise and appendices attached hereto; that he has carefully examined all of the statements contained in such application and the appendices attached hereto and made a part hereof; that he has knowledge of the matters set forth herein and that all such statements made and matters set forth herein are true and correct to the best of her knowledge, information and beliefs. Affiant further says that the applicant makes this application intending in good faith to present evidence which the applicant believes will support the application as to which authority to operate is sought herein.

Affiant further states and certifies that the Applicant hereby commits:

a. To hold the board and all municipalities served harmless from any liability arising out of the applicant's operation and construction of its CATV system.

b. To install and retain or provide, without charge, one service outlet activated for basic service to any and all fire stations, public schools, police stations, public libraries, and other such buildings used for municipal purposes.

c. To provide free Internet service, without charge, through one service outlet activated for basic service to any and all fire stations, public schools, police stations, public libraries, and other such buildings used for municipal purposes.

d. To meet any consumer protection requirements applicable, pursuant to board regulations, to cable television companies operating under certificates of approval, pursuant to N.J.S.A. 48:5A-28(n),

e. To comply with all commitments made in this application.

f. To comply with state and federal emergency alert system (EAS) rules and regulations.

eele eno

Signature of Affiant

(Address and telephone number) 6 Bowdoin Square, 9th Floor Boston, MA 02114 (212) 519-4716

Subscribed and sworn to, before me this 3July_____2020. day of _

opter Baby of

(Signature, and seal, if any, of Officer authorized to administer oaths.)



GITA BAHERY Notary Public Commonwealth of Massachusetts My Commission Expires September 10, 2021

Index to Exhibits

Note: List all material contained in attached exhibits. Unless otherwise indicated, information contained in the Exhibits is as of June 30, 2020.

Page	Section	Item	<u>Exhibit</u>	Subject
1,	Ι	5	А	Components of System Description
10,	IV	la-c		
16,17	VI	4, 9		
10,17				
2	Ι	6	В	List of Municipalities
7	Ι	10	С	Officers
8	Ι	13	D	List of Local Offices
11	IV	2b	Е	Equipment & Training Description
12	IV	3	F	Multiple Dwelling Unit Description
15	V	5	G	List of Video Serving Offices (VSOs)
21	VII		Н	Northern and Southern NJ channel line-ups and a list of PEG channels.
22	IX		Ι	Line Extension Policy
22	Х		J	Informational Schedule of Rates (As of July 22, 2020)
26	XIII	1	К	Certificate of Insurance
26	XIII	2	L	Bond