

II.A.5. Provide a map showing the fiber routes that you (a) own or (b) lease pursuant to an IRU agreement that constitute your network, including the fiber *Connections to Locations*. In addition, include the locations of all *Nodes* used to interconnect with third party networks, and the year that each *Node* went live.

Response to II.A.5:

Verizon submits two Shapefiles for its fiber route maps and a text file for the Nodes.

Verizon obtained the data for its maps from its outside plant inventory databases, its provisioning systems, and its internal IRU records. Verizon is reporting its networks it uses for long haul (POP-to-POP) and metro transmission. Verizon is reporting leased IRUs facility to the extent the IRU vendor provided the required mapping data. Although Verizon made a significant attempt to exclude non-IRU leases, it did not readily have information that allows it to make this determination for some connections. As such, Verizon may be reporting some facility leased on a non-IRU basis in its maps.

Verizon also reports its Nodes in the mapping data and submits the requested Node data in Table II.A.5. Verizon reports the date when the CLLI associated with the Node was initially established, to the extent such a date is available in CLONES. Verizon reports “1000” as a proxy for “null” when the date is unavailable. For Nodes that have multiple dates, Verizon reports the earliest date. As Verizon indicates in its Narrative, **[BEGIN CONFIDENTIAL]** **[END CONFIDENTIAL]** Nodes have the same addresses as Locations, and Verizon reported those records as both Nodes and Locations.

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