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## **NETLY FIBER HAS BUILT NATION'S FIRST TERABIT-READY CITYWIDE FIBER NETWORK IN SOLANA BEACH, CALIFORNIA**

Entire City Has Terabit-Capable Fiber Access Points Covering All Homes, Businesses, and Municipal Facilities with Corning Fiber Optics.

**Mayor: 'We're Very Excited to Be Named the Nation's First Terabit-Ready City'**

(June 13, 2022.....Solana Beach, CA) Jack Demers, CEO, Netly Fiber announced today that the company has finished construction of the nation's first Open-Access Terabit-Ready fiber network in Solana Beach, California. The multi-million dollar project took two years to complete and includes ultra-high speed dark fiber access for every residence, business, traffic light, and institution in the city. To achieve terabit speeds —more than 23,000-times faster than internet speeds commonly found today—the Netly team took a bold approach and built multiple dedicated strands of fiber to each address located on city streets. By doing so, the Netly Fiber team was able to eliminate splitters and active components that slow speeds.

"We are happy to announce that Solana Beach is the first city in the U.S. and first in our California pipeline to have Netly's Terabit-Ready infrastructure throughout the community," said Demers. "We looked decades into the future to explore what bandwidth demand would be like, then built a Terabit-Ready fiber network, capable of delivering future-proof speeds and capacity for generations to come. At Netly, we believe fiber optic infrastructure is vital to our country's long-term prosperity and should be built once, built right, and made available to all, and that's exactly what we've done in Solana Beach," he explained.

"We're very excited to be named the nation's first Terabit-Ready City," said City of Solana Beach Mayor Lesa Heebner. "Because of Netly's private investment, our City IT department was able to connect all City offices with fiber optic service—improving internet speed and reliability while reducing costs for taxpayers. We are especially excited to see how this infrastructure can enable future Smart City applications to improve the quality-of-life for our residents."

Netly Fiber designs, builds, and operates its citywide Open Access networks, but is not a service provider. The company makes its unlit fiber available to all service providers on fair, wholesale terms. By building the underground system with multiple dedicated strands for each address, once the fiber is deployed, surface streets will be spared disruption for generations to come, something city leaders appreciate.

To make the concept of a Terabit-Ready city a reality, in 2018, Netly turned to Corning Incorporated's Optical Communications business, the industry leader in fiber optics, to develop the state-of-the-art Terabit city fiber system. The engineers at Corning embraced Netly's vision of a fiber-dense city.

"This collaboration with Netly Fiber to build a true Terabit-Ready city is an important step for Corning as we continue to play a vital role in driving the continued expansion of connectivity," said Darin Howe, Application Solutions Manager, Corning Optical Communications. "Corning's fiber optic cables handle more bandwidth with less loss in a smaller and less expensive package, which enables lower construction costs for building networks. By densifying dedicated fibers throughout, Netly's system provides ultimate flexibility for the future. We think this is the industry's new gold standard, as Corning continues to innovate and deploy fiber globally." he added.

Demers said that Netly selected Corning® *SMF-28® Ultra 200 micron bend insensitive single mode* fiber for Solana Beach and intends to use the same product in Netly's other Terabit-Ready city clusters that Netly is eyeing throughout California.

"We're looking to revolutionize digital infrastructure, creating limitless possibilities for cities, utilities, wireless carriers, and internet service providers," said Demers.

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### **About Netly Fiber**

Netly Fiber designs, builds, and operates citywide, Open Access fiber optic systems to radically upgrade the internet, wireless and wireline infrastructure in the United States. Its "ready-for-light" fiber (dark) is available to all carriers at wholesale rates. Using a citywide design, Netly constructs once in front of every home, business, and city building, providing multiple dedicated strands to all users. Netly's Edge Fiber Centers are available for colocation, cross connects, and CRAN wireless applications. In 2018, Netly partnered with Corning to develop Solana Beach, California, as America's first Terabit-Ready city. For more, please visit [www.netlyfiber.com](http://www.netlyfiber.com).