Global Satellite Services Provider Specifies Trenwa Fibrelite Trench & Cover System

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PRECAST TRENCH SOLUTIONS

Overview	This large multinational satellite services provider has specified the Trenwa Fibrelite partnership trench and cover system for their latest satellite earth station antenna facility in the U.S. The partnership system combines Fibrelite's lightweight GRP composite covers and Trenwa's heavy-duty road crossing precast concrete trenches. This facility provides mission-critical commercial satellite communication services to the U.S. government, other select military organisations (and their contractors), airline and marine operations, television and telecom service providers.
Location	Pacific Northwest, USA
Key Requirements	• Protecting and allowing safe, fast access to cables running from antennas to control rooms • Running cables across road crossings • A long-term solution • Safe manual access to cables for monitoring and maintenance
The Solution	Trenwa BHF precast trenches with integrated Trenwa/Fibrelite LHF26-60 composite trench covers • Trouble-free lightweight durable monolithic structure • Anti-skid/slip properties far exceeding health and safety advisory limits • Safe manual cover removal by two people at all load ratings • Long term solution – chemically inert, non-corrosive, and freeze/thaw cycle impervious • Tried and tested since 1980 (Fibrelite covers) and 1961 (Trenwa precast trenches) • Excellent insulation against heat • True HS20 load rating
Results	• The Fibrelite Trenwa trench and cover system protects and allows safe, fast access to cables running from the antennas to the control rooms • The trench and cover system provide a solution which is chemically inert, non-corrosive, freeze/thaw cycle impervious • Fibrelite's lightweight GRP trench covers can be safely and quickly removed by 2 people
Further details	[Explore Fibrelite's technical case studies here](#)