



6/14/2024

Roxsand



Leveraging Emerging Technologies for Site Optimization

The IT department is always looking for better connection options for our various locations. With the nature of our business, we are usually located in rural and remote areas with very few options when it comes to internet service providers. Last year we started looking at Starlink satellite internet and decided to give it a try at the Washta, IA location. With only one provider as an option, we could not get the desired speed and service. With the installation of the Starlink antenna, we were able to see a dramatic increase in speed and a decrease in latency compared to the local provider. Latency is the delay that happens in data being transferred after it has been instructed to transfer. Some of you may not have heard of Starlink before, but it is backed by Elon Musk of Tesla and SpaceX.

Starlink is the world's first and largest satellite constellation using a low Earth orbit to deliver broadband internet capable of supporting streaming, online gaming, video calls and more. By leveraging advanced satellites and hardware Starlink delivers high-speed, low-latency internet to users all over the world. Partnering with the world's leading provider of launch services, SpaceX is the only satellite operator with the ability to launch its own satellites as needed. With frequent, low-cost launches, Starlink satellites are constantly updated with the newest technology. Most satellite internet services come from single geostationary satellites that orbit the planet at 35,786 km. As a result, the round trip data time between the user and satellite—also known as latency—is high, making it nearly impossible to support streaming, online gaming, video calls or other high data rate activities.

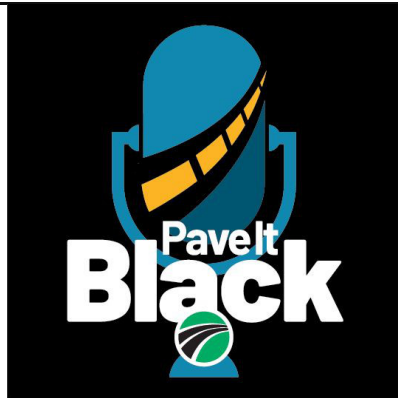
Starlink is a constellation of thousands of satellites that orbit the planet much closer to Earth, at about 550km, and cover the entire globe. Because Starlink satellites are in a low orbit, latency is significantly lower—around 25 ms vs 600+ ms.

We continue to utilize a variety of methods to keep our locations connected, whether it be the local internet service provider, a cellular connection and now the addition of satellite connections. We do our due diligence to analyze the speed to cost ratio to make sure our connections are as ROCK SOLID as they can be.



[Click Here for the Spanish Version... Haga clic aquí para la versión en español](#)

Industry News



NAPA Pave It Black Podcast

Pave It Black is the official podcast of the National Asphalt Pavement Association and focuses on the people, issues, and technologies of the asphalt pavement industry, road building, and research and innovation.

[Keep Reading...](#)



NSSGA Silica Statement

“Though this final rule extended the compliance date to two years, we are greatly disappointed that our input during the comment period was disregarded, and this rule does not incorporate provisions of the recently adopted OSHA silica standard.

[Keep Reading...](#)

Congrats!



Congratulations to Luis Munoz Mendoza on the completion of the Welding Technology Training program from Lincoln Tech last month! Luis is the plant mechanic at the Firestone plant and has been with the company for almost 3 years. Luis is a very hard worker, demonstrated by his reliability, initiative, and persistence in the field. Keep up the great work!

National Donut Day

National Donut Day was celebrated Friday, June 7th at many of our locations - tasty!



Birthdays

Garrett Hoff - June 14
Dell Rapids East

Chad Lueders - June 14
Dell Rapids East

Tyler Tebben - June 14
Brookings

Steven Berven - June 15
Myrl & Roy's Fleet

Justin Lebahn - June 15
Sioux Falls

Misael Macedo - June 15
88th Transload

June Stahl - June 15
Dell Rapids East

Zander Boswell - June 16
Ortonville

Collin Klapperich - June 16
Dell Rapids West

Mylene Bangasser - June 17
Sioux Falls

Samuel Covarrubias - June 17
Ragsdale

Jesus Moncayo Salgado - June 18
Firestone

Tanner Gassman - June 18
Myrl & Roy's Fleet

Daryl Jones - June 18
Nelson Recycle

Richard Kyles - June 18
Myrl & Roy's Fleet

Oscar Beltran - June 20
Firestone

Troy VerHoef - June 20
Ace Ready Mix, Sioux Falls



[Our Companies](#)

[Sales](#)

[Careers](#)

[Click Here for Previous Roxsand Editions](#)



LG Everist | 350 S Main Ave, Ste #400 | Sioux Falls, SD 57104 US

[Unsubscribe](#) | [Update Profile](#) | [Constant Contact Data Notice](#)



Try email marketing for free today!