

What SpaceX's Louisiana spaceport could look like

Gov. Jeff Landry announced plans for Elon Musk's commercial aerospace company to build a massive spaceport in Louisiana. The project could reshape the coastline in lower Vermilion Parish.

FACILITIES:

In Texas, SpaceX built a rocket assembly facility, called Starfactory, about a mile from the launchpad.

ROCKET SPECS: SpaceX's Starship is the world's most powerful rocket. Both of its rocket stages, the Super Heavy booster and the Starship spacecraft, are fully reusable. It is 400 feet tall.

Lafayette area of Louisiana is about 50 miles inland

WHAT WE KNOW:

SpaceX says it will invest \$100 billion to build a spaceport in coastal Louisiana.

The project is expected to create 3,000 permanent jobs over 10 years.

Elon Musk said he wants to launch 30 rockets per day from the site.

Five or more launchpads may be built.

Rocket launches have an impact on the environment. Explosions and debris can damage fragile habitats.

LAUNCH PAD AREA: Launching Starship requires specially designed launchpads capable of handling the powerful rocket.

The Gulf

