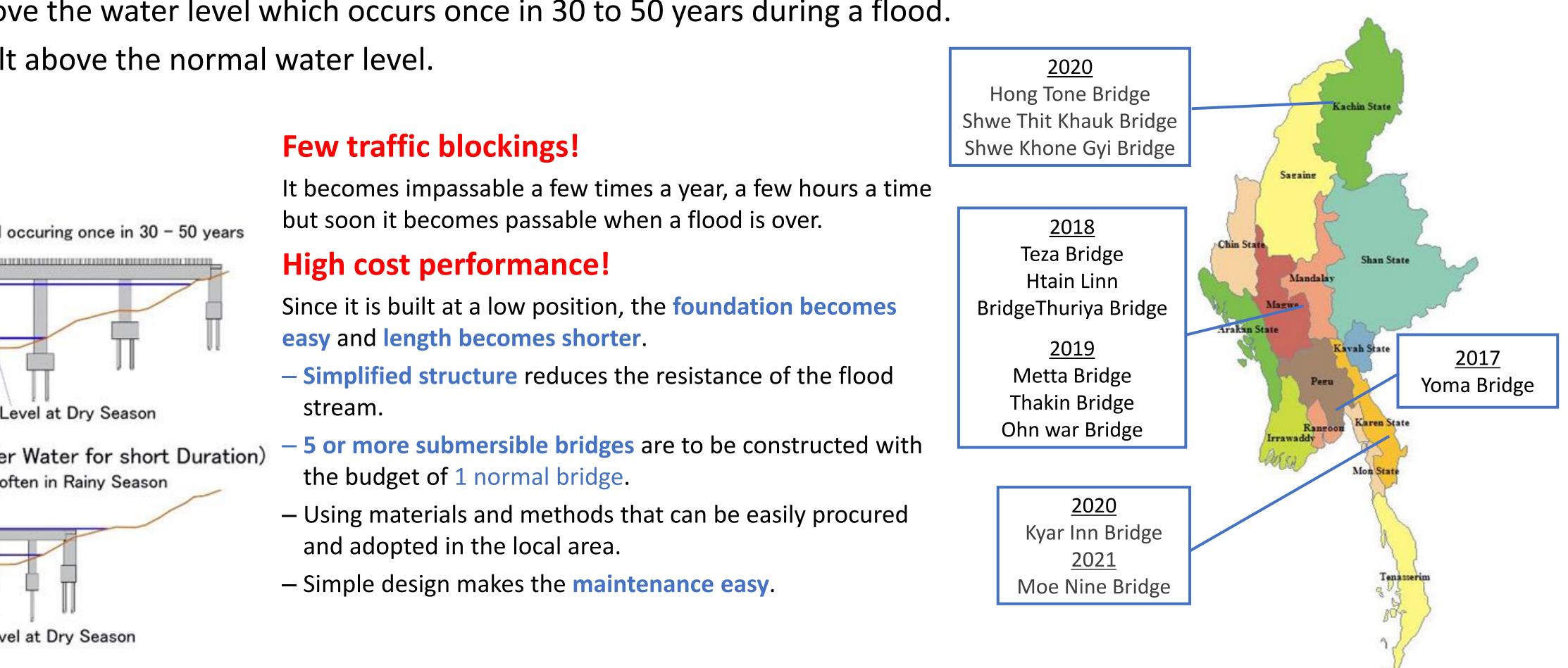
Construction of submersible bridges in rural areas in Myanmar

Non-profit organization Japan Infrastructure Partners

> What is the Submersible bridge?

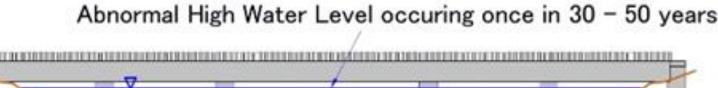
Submersible bridge construction sites

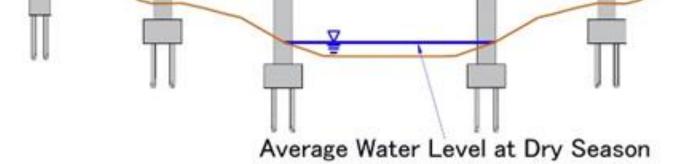
www.jip.or.jp



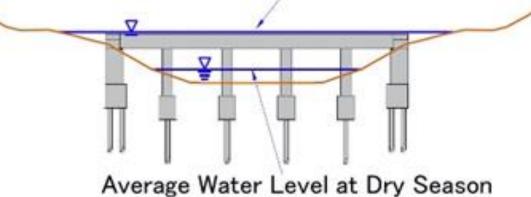
Normal bridge is built above the water level which occurs once in 30 to 50 years during a flood. **Submersible bridge** is built above the normal water level.

Normal Bridge (Always above Water)





Submersible Bridge (Sometimes goes under Water for short Duration) Water Level occuring often in Rainy Season



Submersible bridges are suitable for quickly spreading roads in countless rural villages across the country.

Locations are determined by field survey from more than **100 candidate sites**. **Regional governments started the construction on their budget** under the JIP's instruction.

> Hard life in rural areas without bridges



Students went across rivers with textbooks over their head.

Schools were often closed due to floods.

With high expectations from residents construction during rainy season

Groundbreaking ceremony with many school children



Bridge opening ceremony with delited residents



Bridges built by residents were washed away easily in floods.







Passengers were waiting for boats on both riverbanks during rainy season.







Cast-in-place piling to build foundations firmly

Using materials that are available in rural areas



Improvement of life by bridges

Bridges will be no longer washed away.







An injured man

Plan, Construction and Maintenance by local people

Residents cleaned driftwoods together after the record flooding in 2018.





was immediately taken to the hospital and saved his life.



Hands-on training to local construction workers and students at workshops and construction sites









Children can go to school safely.

Farmers can stably ship products to cities.



This project is sponsored by Ministry of Foreign Affairs "Grant Assistance for Japanese NGO Projects"