



## Bridge restoration

 MEIDI-YA

# Bridge restoration

## Overview:

- Shiga Prefecture Taka Town
- National Route 306
- Hosohara Bridge
- Objective(s):
- Remove failing paint and apply new coating system



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# Bridge restoration



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- **Substrate Type: Steel**
- **Surface Condition:**  
Corrosion and failing lead-based paint
- **Project Size :** 832m<sup>2</sup>(8953ft<sup>2</sup>)
- **Film Thickness :** 200  $\mu$
- **Specified Level of Cleanliness:**  
Sa- 2 ~ 2.5
- **Specified Profile:**  
Under 80  $\mu$  (3.2mil)



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## Used:

- 100-HP Feed Units™ × 2
- Silver 30 Sponge Media™  
×(150)bags → 3.3kg/m<sup>2</sup>

Removal Rate : 6.4m<sup>2</sup>/hr.

## Reasons for Sponge-Jet:

- Less worker exposure and fatigue
- Less waste, disposal and material handling
- Improving both environmental and corporate efficiency



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## Unusual Factors :

- A big compressor is necessary
- Collection work of Sponge media is complicated





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