



➤ Case study

Supplying **safe sewage access** for **confined space** entry points

COMPANY

Woodruff Construction

DATE

March 2023

LOCATION

Waterloo, IA

PRODUCT

PORTAGANTRY **RAPIDE**[®]



We were able to complete six lifting projects with the Gantry provided from REID, it is great to use onsite, being light and easy to move, assemble and disassemble.

Josh Harmon, Superintendent

Woodruff Construction were able to use a **PORTA**GANTRY **RAPIDE**[®] to safely navigate entry and exit to the sewers in Waterloo, IA in order to carry out essential maintenance.

The background

Woodruff Construction are an employee-owned general contractor that offers design-build, construction management and project development services to clients across the state of Iowa with offices based out of Ames, Fort Dodge, Iowa City, Waterloo and Spencer. Their core mission is to help build the future of their families, clients, and communities, whilst continuously impacting the lives of over 2 million people across the state.

The challenge

Woodruff Construction carry out general contracting work throughout Iowa. Their most recent project, was to access the sewers in Waterloo within what they like to call the "south water gates". The team needed to gain access through chambers, whilst ensuring that their workers were able to enter and exit the chambers safely.

When Woodruff had been approached about jobs in the past, they had been unable to commit to them as they did not have a product suitable, to support them carrying out work in confined spaces. They needed to find a versatile yet compact lifting solution that could enable them to access and enter confined spaces whilst also being moved easily from different job locations.

The solution

Woodruff Construction had purchased two of REID's **PORTA**GANTRY **RAPIDE**[®] 1T units in 2021 that are ideal to be set up and equipped to use for confined space access and egress; they used these to enter the sewer and carry out the required maintenance works.

The **PORTA**GANTRY **RAPIDE**[®] is a multi-use, foldable aluminium gantry crane that has been designed for rapid deployment and equipped with a wheel and handle for full portability. This system was able to provide Woodruff Construction with a workable solution that enabled them to safely lower worker into the access chambers for the South water gate sewers where they were able to safely carry out maintenance work.

The feedback

"The **PORTA**GANTRY **RAPIDE**[®] is a versatile, portable confined space option for use. It allows us to get into some difficult spots with both personnel and equipment and also make sure we are doing our job safely. It has given us the opportunity to be more competitive in our big process and efficient in our daily work tasks." Cody Shreves, Woodruff Construction

Get in touch to find out how we can help with your lifting and lowering requirements:

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