

# **WYDOT Case Study**

## ***River Channel Survey by WWC***

### **What was the client's issue presented to WWC?**

WYDOT needed the river channel surveyed for an upcoming bridge project.

### **How did WWC brainstorm and collaborate with the client to find a solution?**

WWC met with the client and offered ways to efficiently get the survey completed. The client visited other projects where we were using similar technology and approved the way it worked.

### **What was the solution chosen by WWC?**

WWC and the clients decided that the best way to survey the channel bottom was to use a variety of survey techniques which included sonar to survey the channel bottom. We attached the sonar to remote control boats and a kayak. We also waded the river and measured the channel with GPS and conventional survey equipment.

### **Why did WWC choose this solution?**

WWC chose this method because it was the best way to get the job finished in a reasonable amount of time safely.

### **What was the final result of the completed project?**

We completed the project and submitted the data to the client. They will likely ask us to do other projects of this nature.

### **How did the chosen solution save the client time, energy, or money?**

We had a budget and that is what we billed.

### **Why did WWC feel the solution chosen was the best choice?**

WWC had the equipment and the manpower to complete the project on time and within the budget. We planned effectively and made changes when those ideas didn't work.

### **Notes:**

WWC completed the project safely. There was no damage to the equipment and the client was very happy with the result.

