



Longest Structure Moved

Minty's Moving, Ltd

Onanole, Manitoba, Canada



Hayes River Bridge Project

To start the project off I, Harold Minty, drove 500 miles north of where we live on an all weather road. I stayed the night in Norway House and the next day the superintendent from Gateway Construction and I flew into the site with a chopper approximately 60 miles. It was January 19, 2004 and we didn't have access to the site. The river site was ugly and we didn't have enough room to erect the bridge and roll it across the river. The temperature was minus 35 degrees and we headed back to the hotel to begin planning the job.

I immediately arranged for the rock blasters to mobilize later

that week knowing the road would be cleared to the site by the end of the week. In the mean time, the crew at home was prepping the camp to be moved onto the site for the duration of the job. The camp was moved the following week and was set up in temperatures below 40 degrees. We then returned home for the next three weeks while gateway Construction built the concrete abutments. In the meantime, we hauled three loads of bridge parts from Winnipeg and off-loaded at the site. We then hustled back to Jenpeg (45 miles of winter road, 35 miles of all weather road and 3.5 travel time) and loaded four loads of



Assembly of parts with our 30T picker truck.



Rocking roller assembly on south abutment.



Half-erected bridge being winched and assembled simultaneously.



Underside of bridge set up with all rollers on place.

bridge parts, with our 30T picker truck hauling the fourth load.

It was now the 15th of February and the first day of constructing the bridge. All concrete was in for both abutments of the bridge and we had one week to build a 210 ft clear span bridge and get it across the river before I left to go to the IASM conference in Orlando.

The way we went about it was by setting the roller system on the south abutment and then erecting the bridge on the roller system. There were about ten thousand pieces to be assembled and about one thousand wrong ways to assemble it. I think we found about four hundred of those ways. To get 210 ft of bridge across an open span with no intermediate bents is a bit tricky. We actually built

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1/4 of bridge assembled and winched.



Our winch truck on north side of north abutment. (Note nose section pointing up to counter act launching droop.)



Leading end off bridge with erection nose.