NG \* ICANS The Story of the Five-Mile Poem Gloria Whelan

My father was one of those hunters who waited, sometimes all night, to take the ferry from the Lower to the Upper Peninsula of Michigan. As a child I remember taking a ferry when I made my first visit to the three stars of the Upper Peninsula: the Tahquamenon Falls, the Pictured Rocks, and Copper Harbor.

Living only an hour from the straits, I watched, month by month, and year by year, the building of the bridge. I've made many trips across the Mackinac Bridge (and so have characters in my books) but I always catch my breath at the first sight of the stately towers rising in the distance. The bridge is certainly David B. Steinman's finest poem.

- Gloria Whelan



If only his father, Captain Hansen, hadn't been so sad, Mark Hansen's thirteenth summer would have been the happiest summer of his life. Mark's dad was letting him help to line up the cars as they drove onto the *Aurora*.

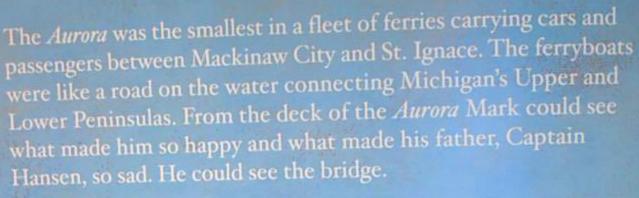
His dad was captain of a ferryboat that carried travelers across the Straits of Mackinac. This would be the *Aurora*'s last year on the straits.

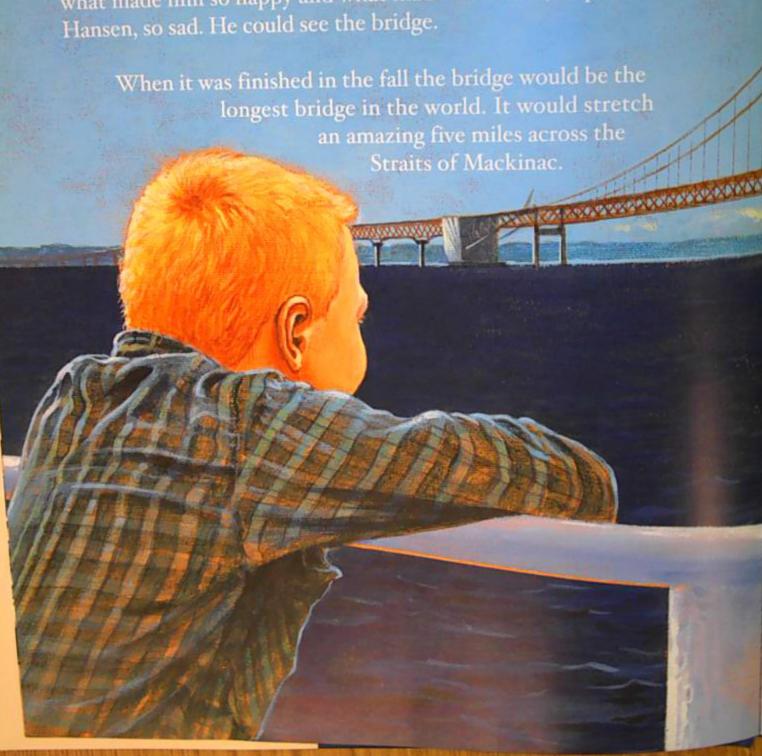


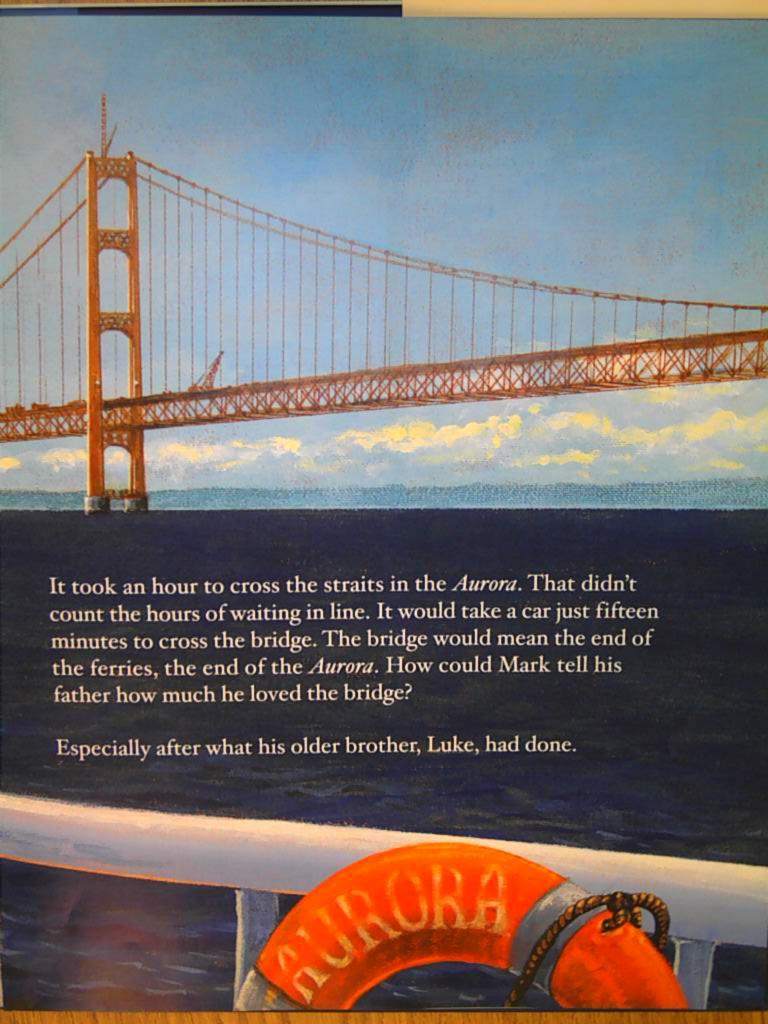
Mark had been riding the *Aurora* as long as he could remember. On hot summer days Mark had sold lemonade to the long lines of drivers waiting to ride the ferry.

In November deer hunters by the hundreds of thousands traveled to the Upper Peninsula. Mark sold hot chocolate to the hunters, who sometimes had to wait overnight to get onto one of the ferries.





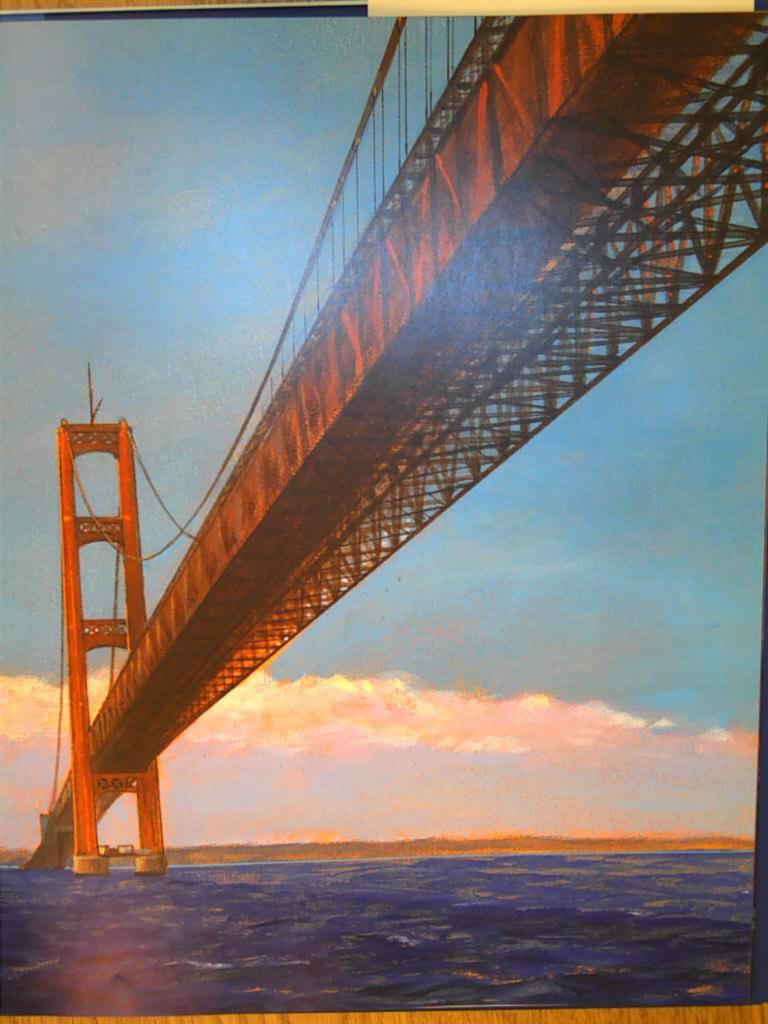


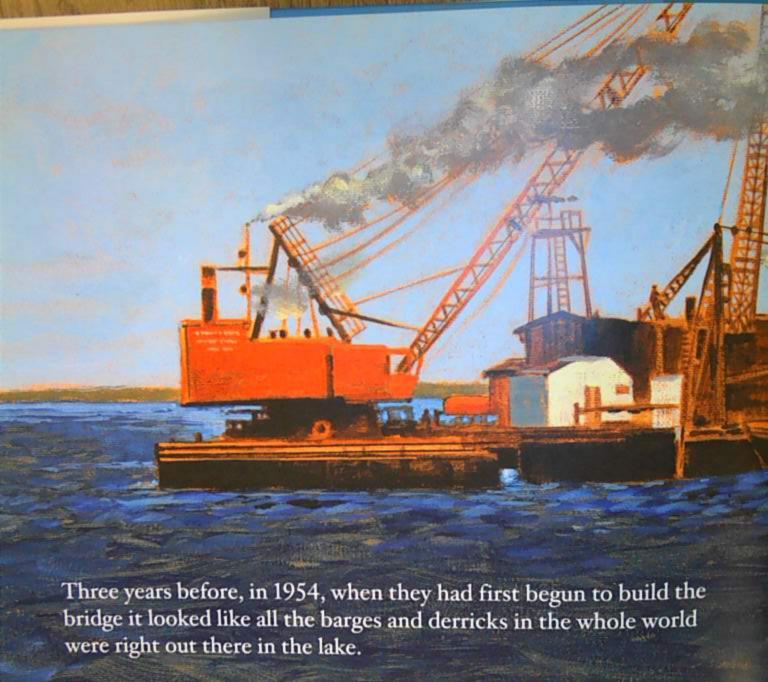


Mark was as proud of the *Aurora* as his dad was. He liked the way the gangplank clanged down with a growl. He liked the way the big mouth of the ferry swallowed up the cars. He liked the *Aurora*, but he loved the idea of a bridge, something that could go right through the air and bring things together.

Mark had heard his father say, "Any bridge across the straits is sure to collapse. It will never hold up to 70-mile-an-hour winds and pounding from ice floes as tall as a 30-foot building." A lot of people shook their heads and said it couldn't be done.



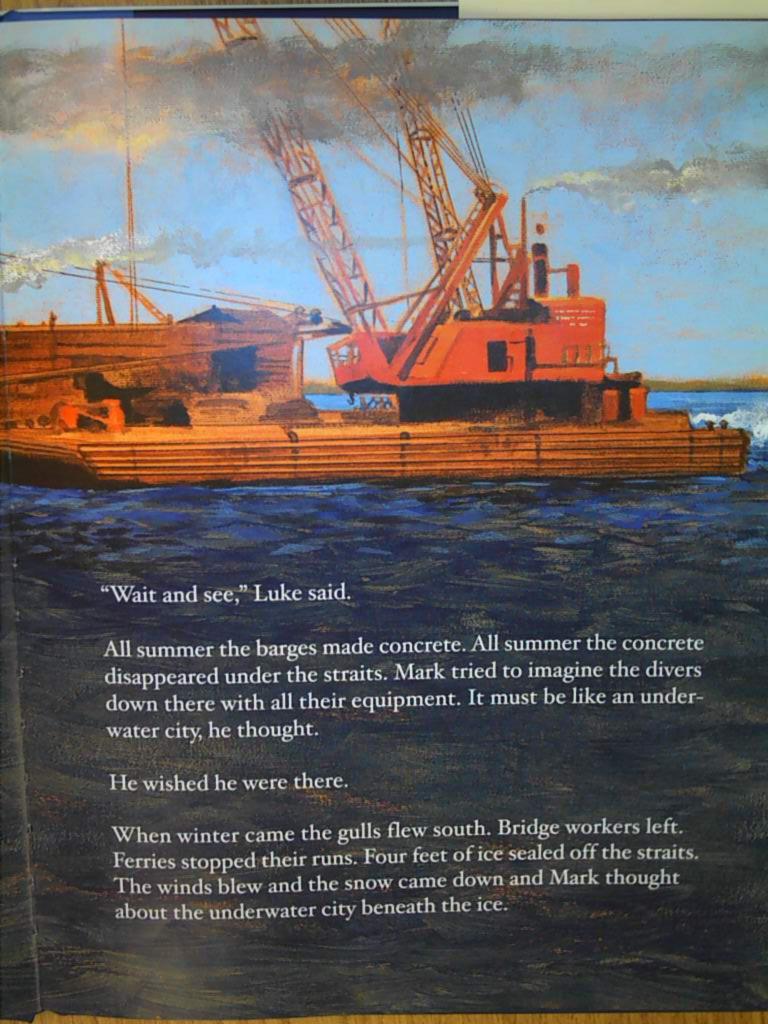


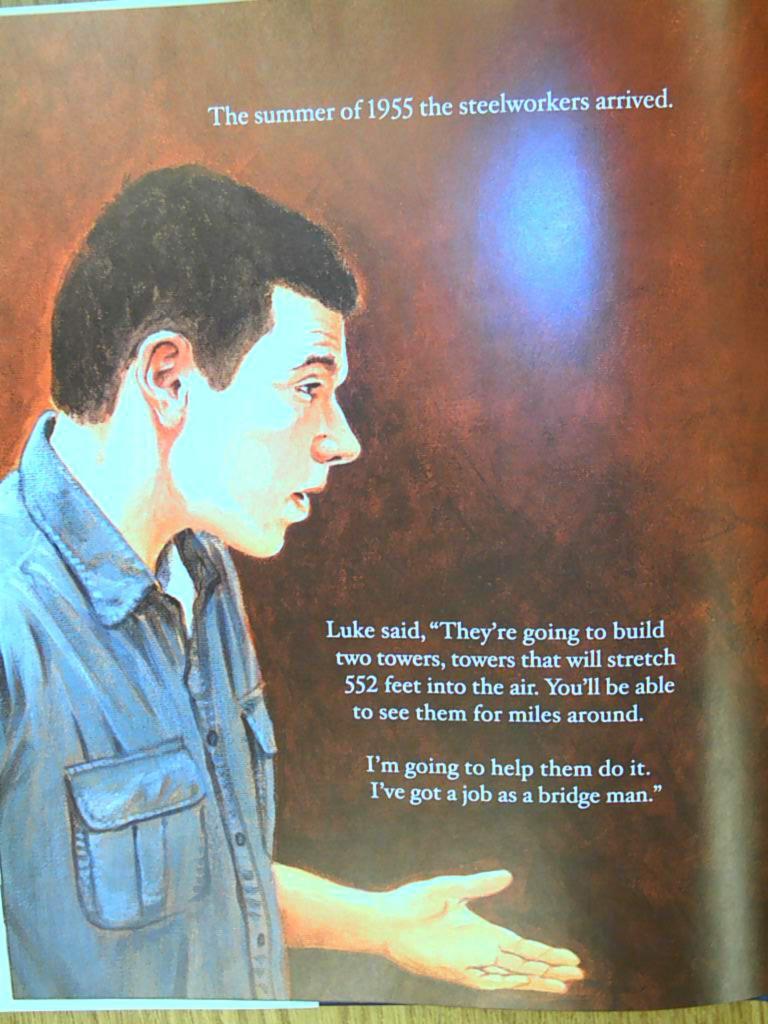


Luke said, "There's a lot you can't even see. Divers are working hundreds of feet under the water putting in piers to anchor the bridge. Two of the piers are like empty buildings. Two are like giant steel cans. They're going to fill the piers with concrete. Those big barges out there are mixing the concrete, nearly a million tons of the stuff. When the bridge is done, two-thirds of it will be underwater."

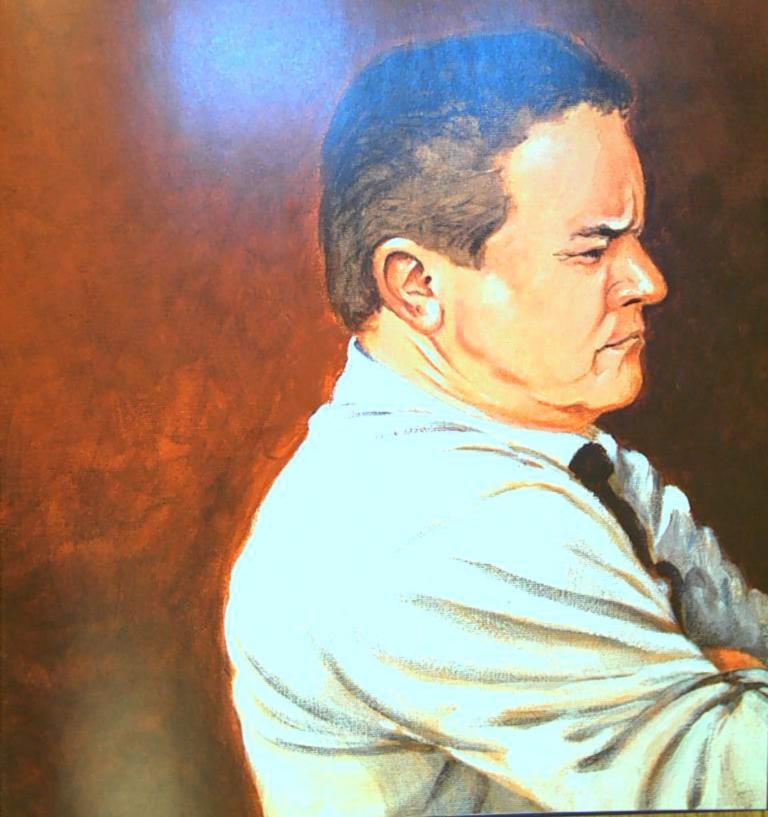
Then Luke said something strange. "It's next year I'm waiting for."

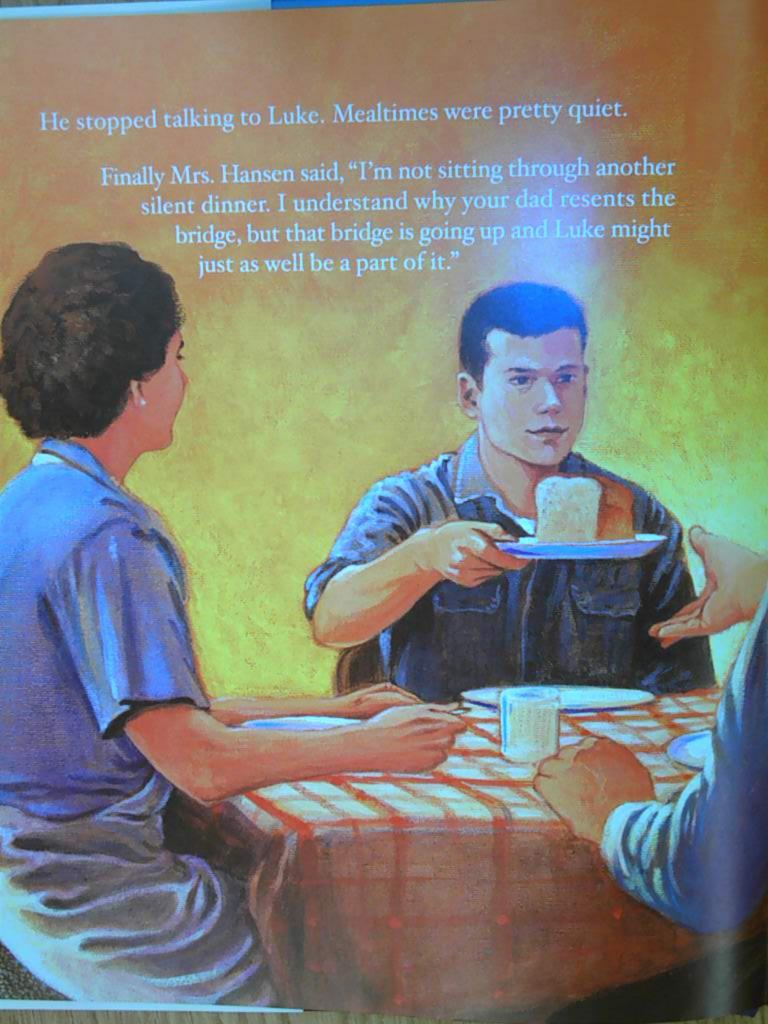
"What do you mean?" Mark asked.

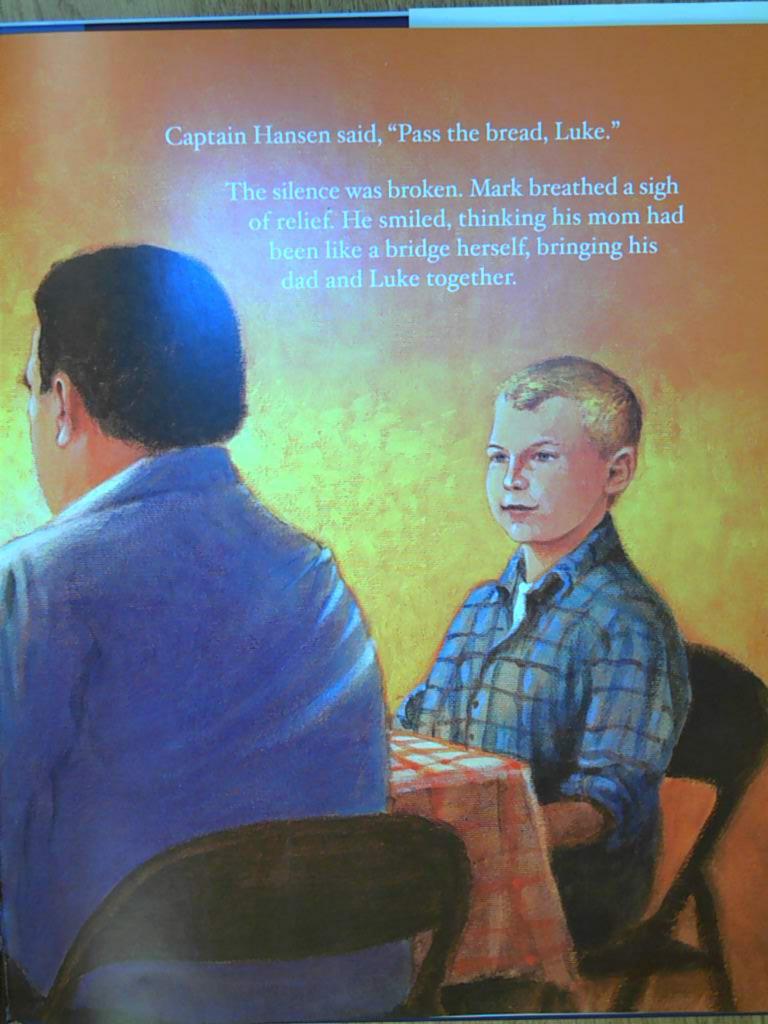


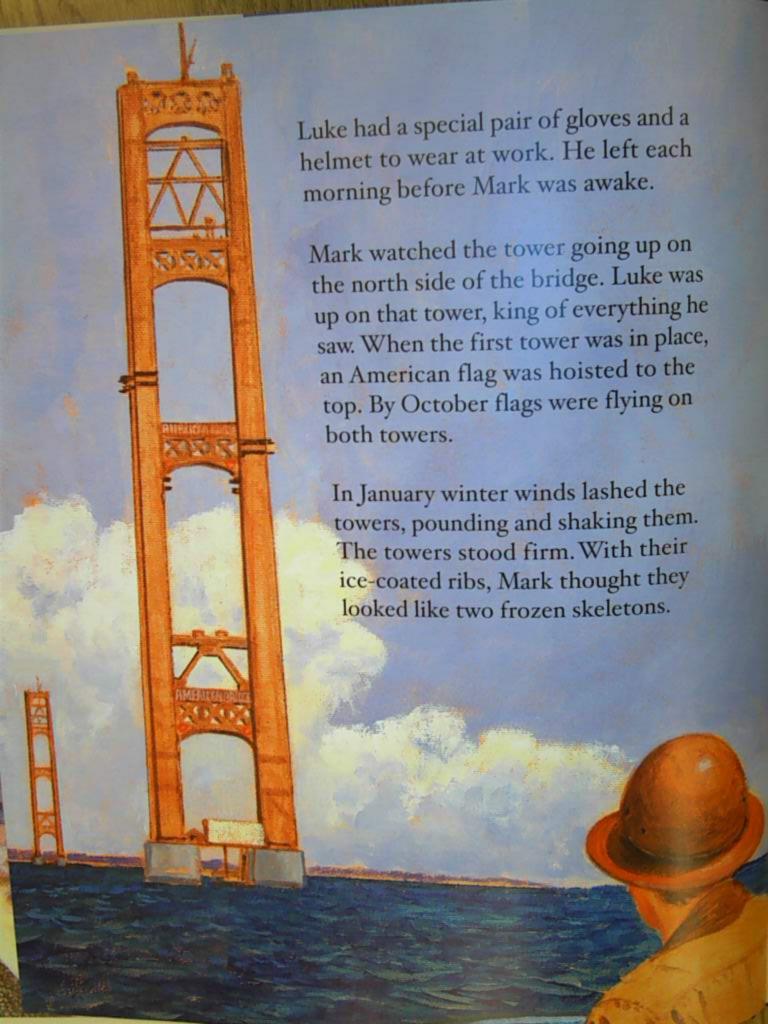


"That bridge is going to put me and the Aurora out of business," Captain Hansen said. "How could you give them a hand?"











Mark and Luke built their own bridge on the kitchen table. "It'll be a suspension bridge," Luke said. "The roadway the cars drive over will be held up by a cradle of cables."

Mark made two towers from milk cartons. "There's nothing in the middle," he said. "How are they going to get the cables from the one tower to the other?"

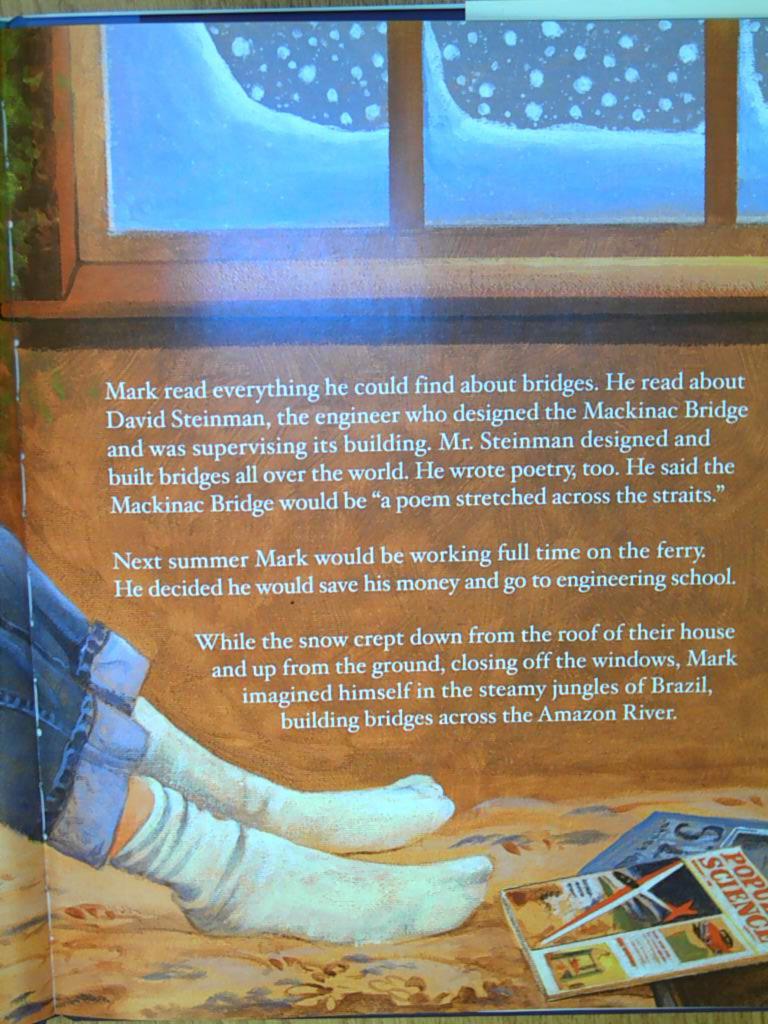
Luke said, "They'll build a catwalk, a temporary path to walk on while they spin the wires."

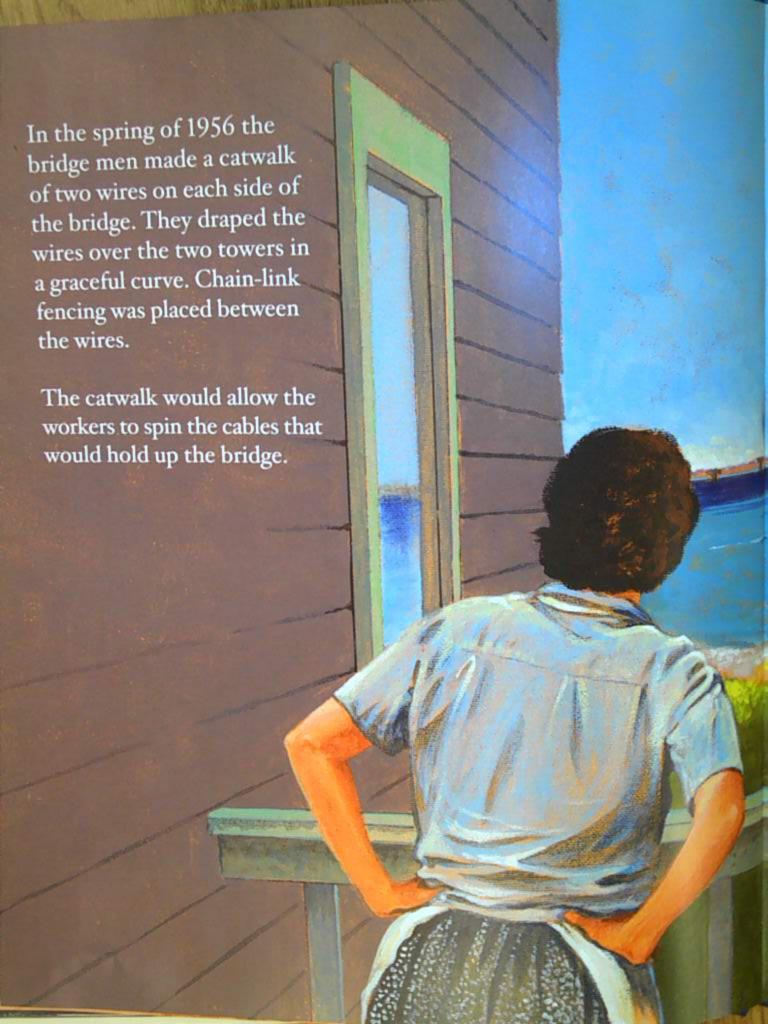
Luke wrapped strands of wire around two of their mother's spools of thread. He told Mark to string wire from one end of the bridge to the towers and then to the other end of the bridge. More wires hung down to hold up a cardboard roadway.

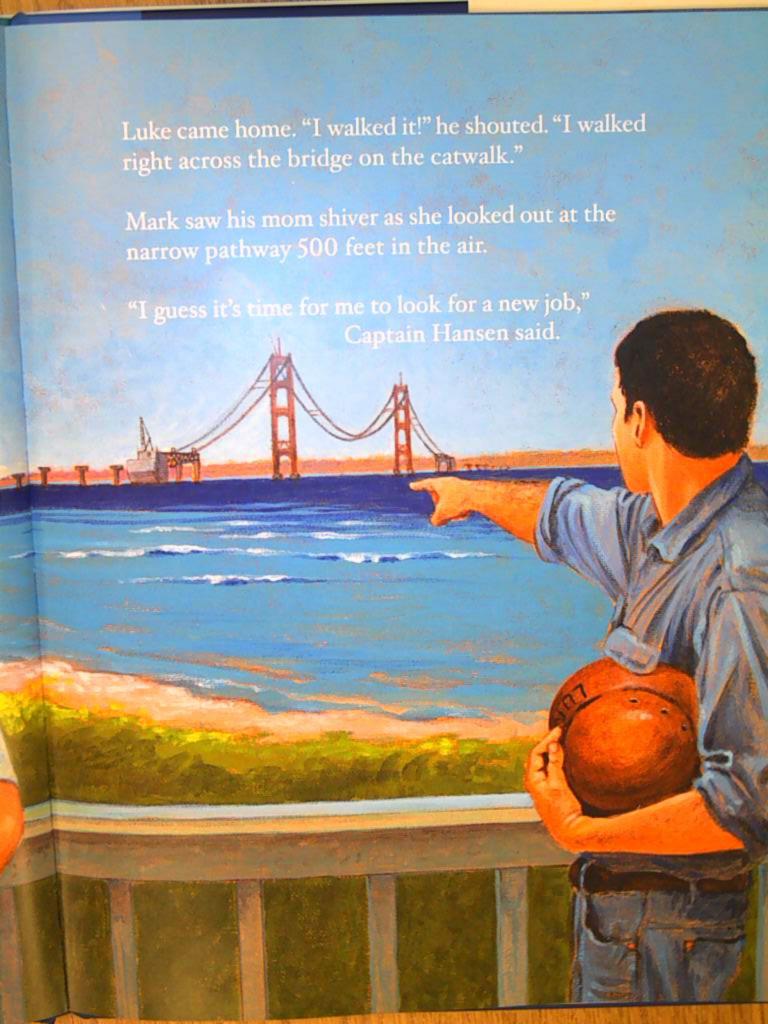
They had made a bridge.

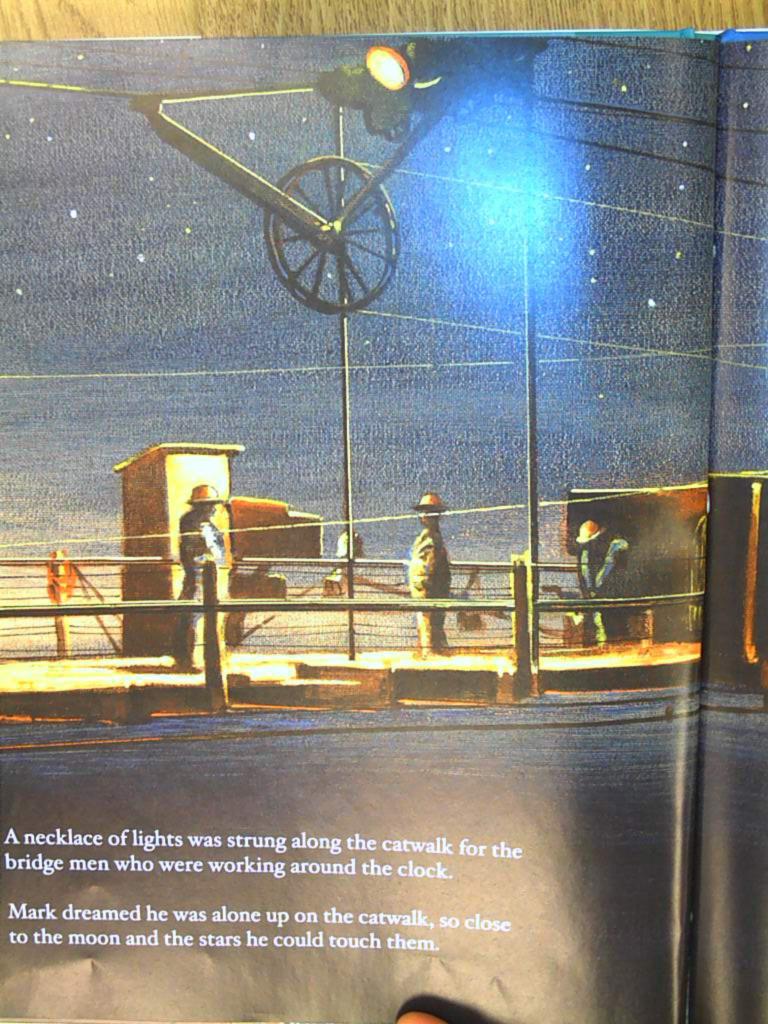


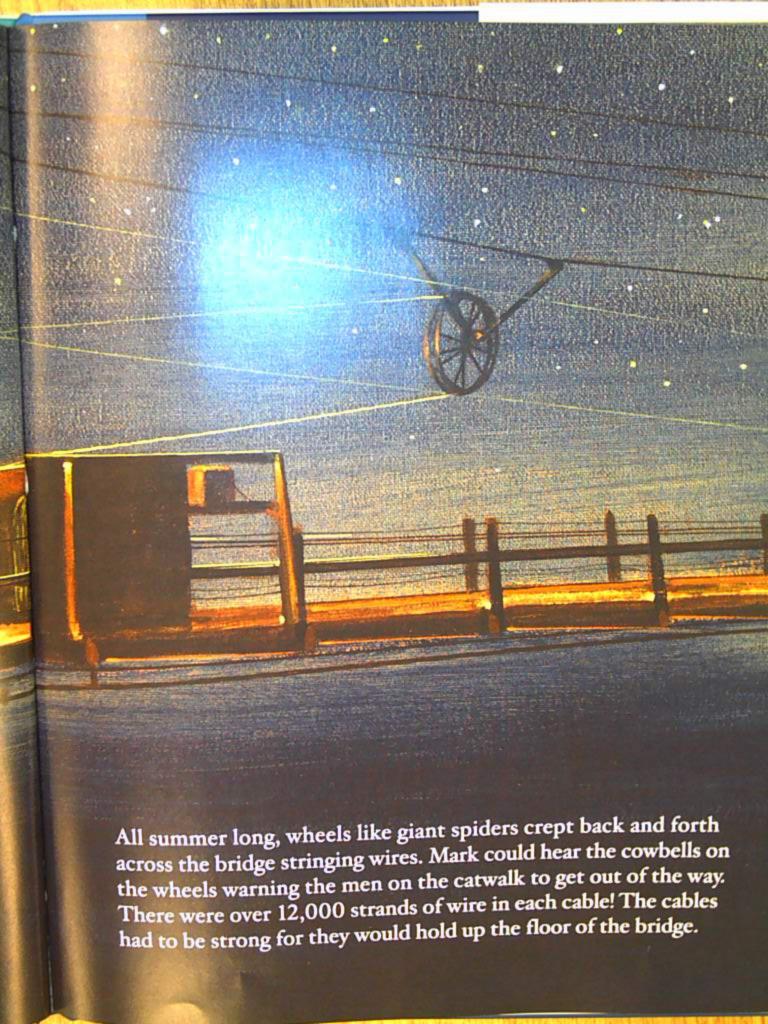












Captain Hansen said, "I heard they're going to chop the top off one of the ferries and use it as a barge. I'd sink the Aurora before I'd let them do that to her."

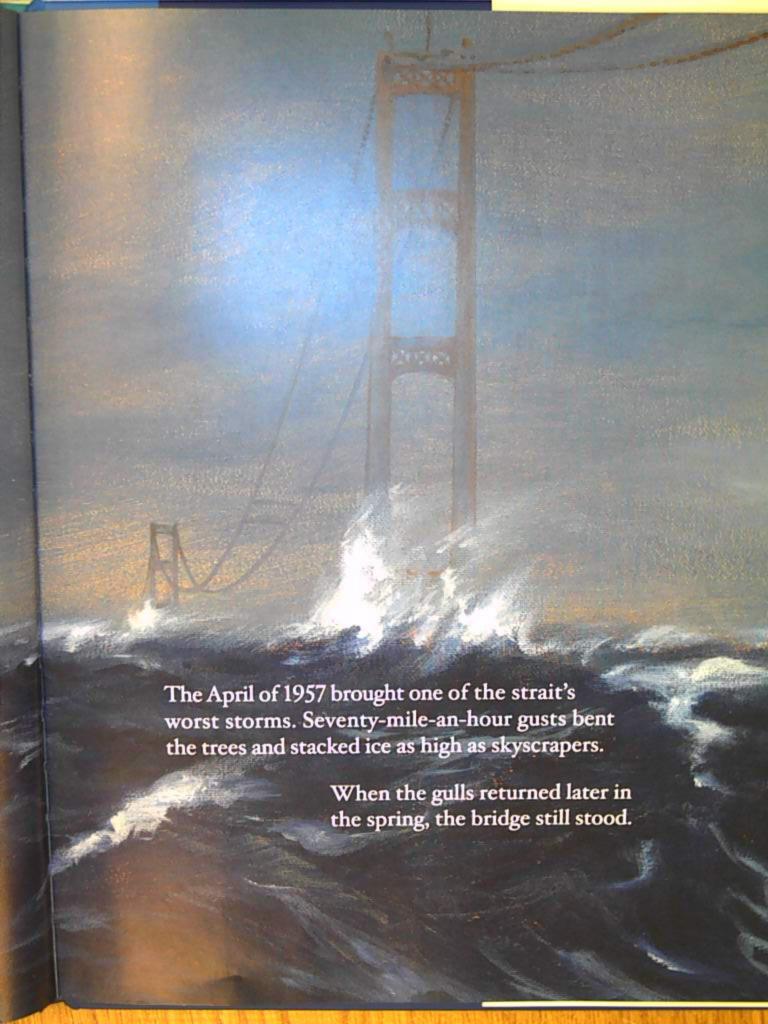
That winter an offer came for the ferry. When the bridge was completed the *Aurora* would be sent downstate to the Detroit River. "At least it will still be carrying cars," the captain said.

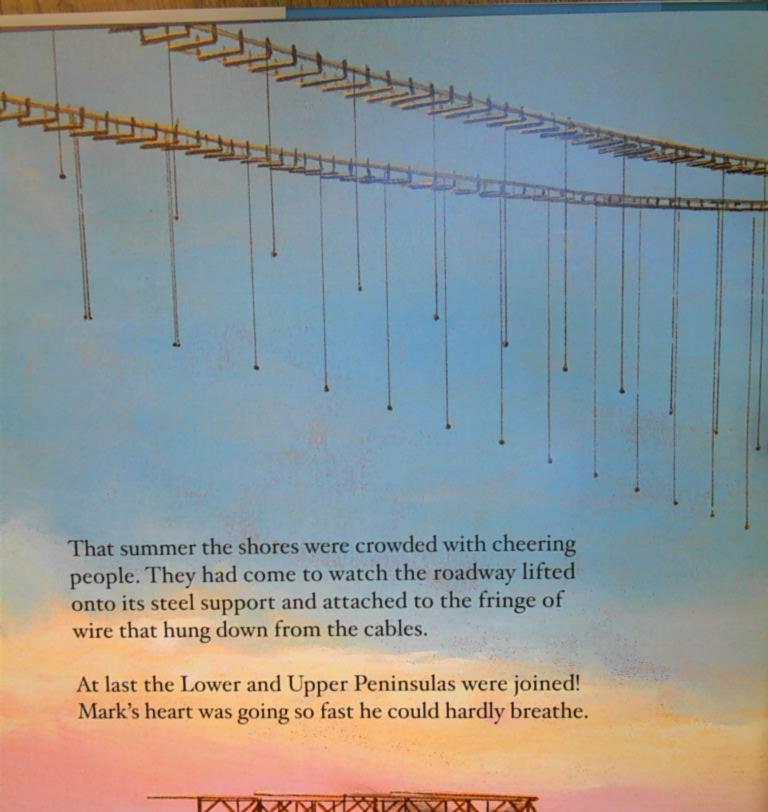
"What about you, Dad?" Mark asked. "What will you do?"

"I got a pretty good offer from a company whose ferries go from Mackinaw City to Mackinac Island."

"That's great, Dad," Mark said, but he couldn't help thinking of how small those Mackinac Island ferries were. You could put a couple of them inside the *Aurora*.

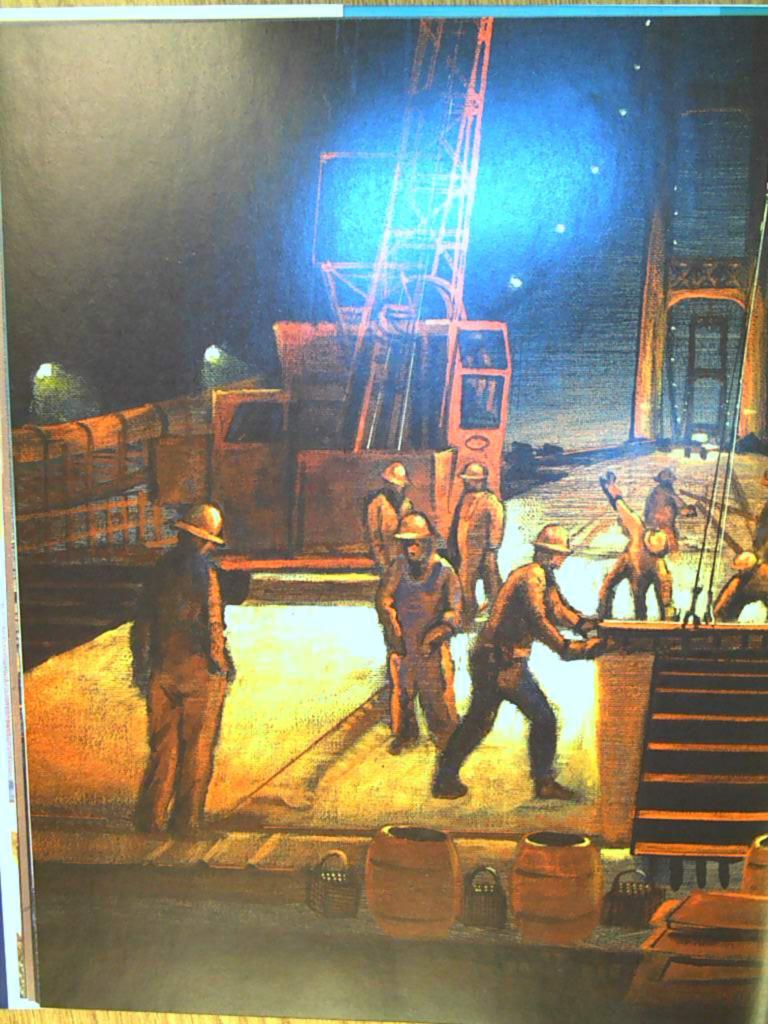


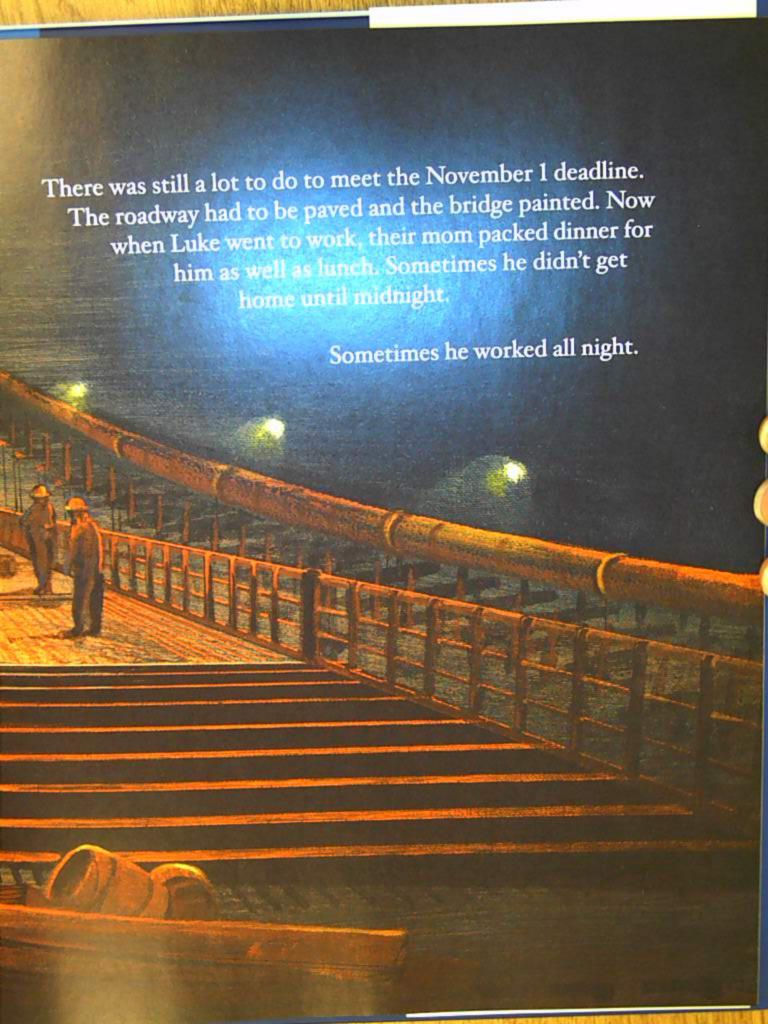




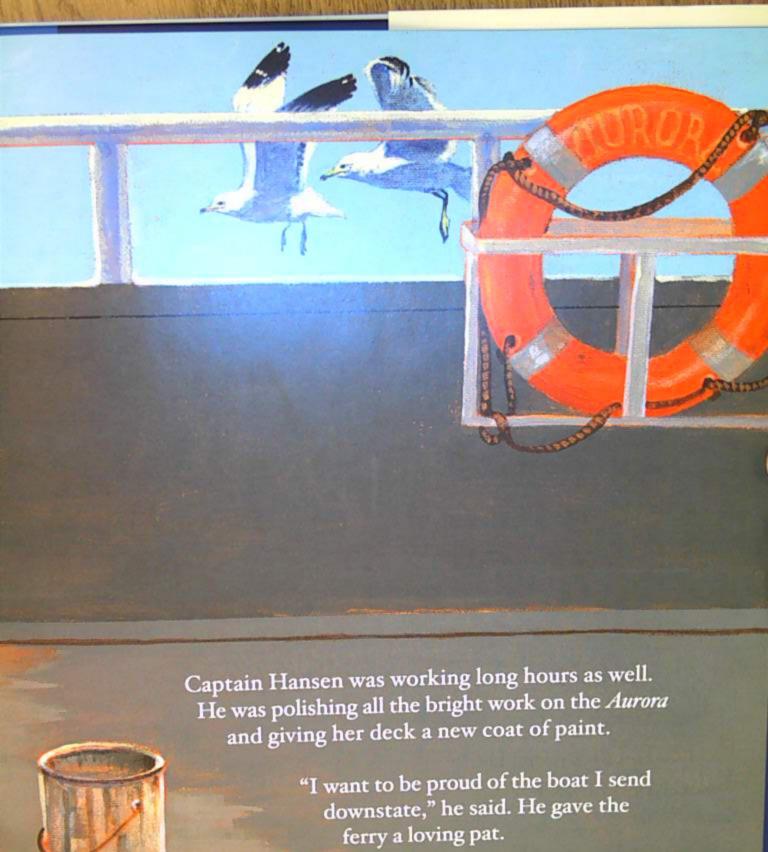












Mark jumped out of bed. It was the first of November. Today the bridge would be opened to traffic. Michigan's governor was going to lead the parade. Schools had been given the day off. Hundreds of cars would be crossing the bridge.

Just as Mark and Luke were leaving, the captain said, "I hope you're not planning to cross that bridge without your mother and me."







That night there was a celebration with fireworks. Mark and Luke and their mom and dad watched from the deck of the *Aurora*. The sparks from the fireworks tangled with the lights from the bridge. When the fireworks were over, Captain Hansen brought the ferryboat home from its last trip on the straits.

Later, after everyone was asleep, Mark crept out of the house. It was warm for November. He walked the mile from their house to the straits. The string of lights glittered on the deserted bridge.



## A Note from the Mackinac Bridge Authority

The Straits of Mackinac was an apparently insolvable geographical problem—a barrier of deep and turbulent water which cut the state of Michigan in half. The four miles of deep water between Mackinaw City and St. Ignace choked off commerce and culture.

The Mackinac Bridge was built in the face of discouragement, of faintheartedness on the part of many of the state's leaders, of warnings that the rocks in the straits were too soft, the ice too thick, the winds too strong, the rates of interest on the financial bonds too high, and the whole concept too big. Overcoming these obstacles would dictate how the bridge would be designed.

At the time the Mackinac Bridge was built and until 1998, it was the longest suspension bridge in the world. With its official opening on November 1, 1957, one era was ended and another begun. The story of the Mighty Mac is one that combines history, a remarkable engineering achievement, and a work of art.

## The Ferryboats

In 34 years of service, the ferries operated by the Department of State Highways carried some 12 million vehicles and more than 30 million passengers across the Straits of Mackinac. The state ferry operation was the only service of its kind operated by a state highway department. It was created due to public displeasure with the expensive, infrequent ferry service for motor vehicles provided by the railroad boats. When the bridge opened in 1957, the ferries stopped (rail boats continued). There were 400 state employees that worked on the boats or on the docks. Some were placed elsewhere in the highway department, while others left their employment in order to remain in the straits area.

## Mac Facts

- There are 42,000 miles of wire in the main cables.
  - The whole bridge weighs 1,024,500 tons.
- There are almost 5 million rivets in the bridge (4,851,700).

For more information about the Mackinac Bridge Authority, please visit their Web site at mackinacbridge.org.