



US Army Corps  
of Engineers  
St. Paul District

# Crosscurrents

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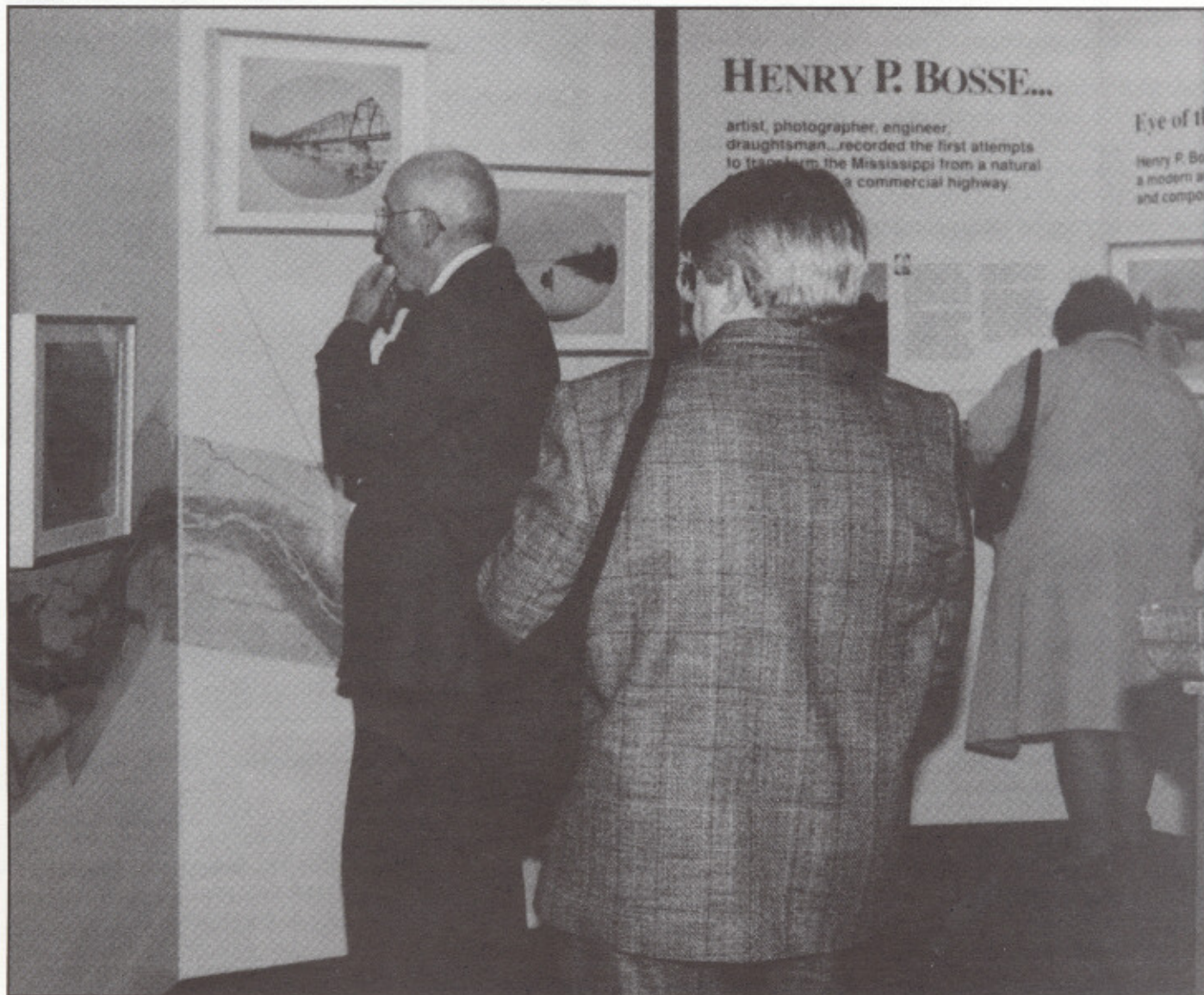


Photo by Jon Lyman

"Henry P. Bosse: Views on the Mississippi," opened in a major exhibition at the Ramsey County Historical Society in St. Paul, Minnesota, February 4, 1993. Bosse was a "draughtsman" with the Corps during the late 1800s. The Bosse photos are prized for their exceptional composition and capture how the Mississippi River looked during Mark Twain's era. The exhibit continues at the Landmark Center, 75 W. Fifth St., St. Paul, through July. Exhibit hours are Monday through Saturday, 10:30 a.m. to 5 p.m., Thursday until 8 p.m. and Sunday 1 to 5 p.m. More photos, page 3.

## From the Midwest to the Middle East

# Jim Ruyak and his son cross paths in Kuwait

By Joan F. Kibler, Public Affairs officer  
Courtesy of *Transatlantic News*

The last place that Jim Ruyak expected to see his son, a first lieutenant in the U.S. Army, was Kuwait. But last November, a month into his third tour in Kuwait, the unexpected happened: First Lt. Marc Ruyak deployed to Kuwait to help set up a Patriot missile unit.

"We hadn't seen each other in a year, and you just don't expect to run into one of your children halfway around the world," Ruyak said. "Marc was here for less than two days. When his commander heard that Marc's dad was here in Kuwait City, he was kind enough to let him spend the night with me. It was great seeing him."

The younger Ruyak made it back to Kuwait later, but due to a hectic schedule, father and son shared only dinner at Camp Doha.

Marc followed in his father's footsteps to obtain a degree in civil engineering, but his came from the U.S. Military Academy at West Point. After graduation, Marc chose air defense as his branch and now serves as a battalion tactical officer for the Patriot missile system. He is stationed in Saudi Arabia.

Jim Ruyak is on temporary duty travel as the resident engineer at Ali Al-Salem air base. He works at the Corps' St. Paul District as the area manager for the headwaters lakes project in northern Minnesota.

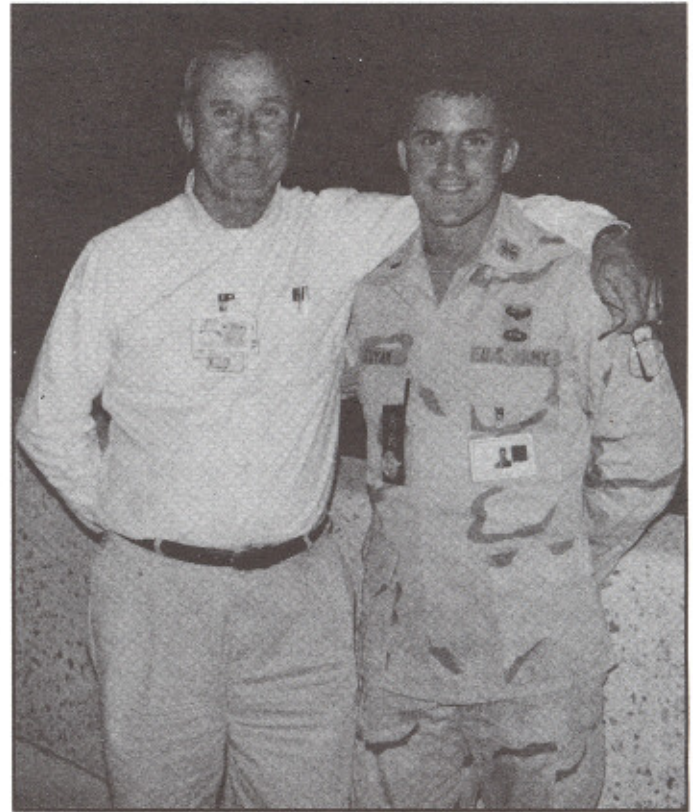


Photo by Steve Wright

"You just don't expect to run into one of your children halfway around the world," said Jim Ruyak, at left. Jim is on his third tour in Kuwait from his manager's job in the St. Paul District Mississippi Headwaters office. At right is his son Marc.

## Two more district campgrounds accept reservations

A reservation system will be available at two more St. Paul District recreation areas in northern Minnesota. Corps campgrounds at Gull Lake and at Cross Lake will accept reservations by telephone or in person beginning March 1, 1993. The reservation fee is \$2.

This brings to five the number of Corps recreation areas that accept reservations in Minnesota and Wisconsin.

Other district recreation areas that accept reservations are Lake Winnibigoshish, Deer River, Minnesota; Sandy Lake, McGregor, Minnesota; and Eau Galle Lake, Spring Valley, Wisconsin.

Thirty percent of the camp sites at Gull Lake and 17 percent of the camp sites at Cross Lake are available for reservations. Gull Lake offers a total of 39 sites. Cross Lake offers a total of 120 sites. Cross Lake offers complete handicap accessibility, including bathrooms and showers. User fees at Gull Lake and Cross Lake are \$10 for

non-electric and \$13 for electric hook up.

The Gull Lake recreation area is located near Brainerd, Minnesota and the Cross Lake recreation area is at Cross Lake, Minnesota. For reservations phone:

Cross Lake: 218-692-2025;  
Eau Galle: 715-778-5562;  
Gull Lake: 218-829-3334;  
Sandy Lake: 218-426-3482;  
Winnibigoshish: 218-246-8107.

## Pictures at an exhibition

In the photo at right, St. Paul District Historian John Anfinson, left, and District Commander Col. Richard Craig talk with Joanne Englund, president, Ramsey County Historical Society, prior to a reception honoring the work of Corps of Engineers' photographer Henry P. Bosse. Over 120 people attended the opening night of the exhibit presented by the Ramsey County Historical Society. Each photo is placed on a wall map that approximates the Mississippi River location in which Bosse took it. Six foundations and a number of private business supported the historic display.

Supporting the exhibition, Anfinson authored "Henry Bosse's Priceless Photographs" in the Winter 1992-1993 edition of *Ramsey County History*, published by the Ramsey County Historical Society.



Photo by Jon Lyman



Photo by Jon Lyman



Photo by Ken Gardner



**ENGINEERS**  
Turning Ideas  
Into Reality®

NATIONAL ENGINEERS WEEK®  
FEBRUARY 14-20, 1993

## Engineers from St. Paul District visit classrooms

During National Engineers Week, February 14-20, four local St. Paul District engineers visited classrooms in Minneapolis and St. Paul.

On February 18, Terry Jorgenson, chief of Geology and Surveys Section and Lisa Lund, student trainee in civil engineering, presented demonstrations

**"It is fitting that you mark your annual observance with visits to our nation's classrooms to inspire the leaders and workers of tomorrow . . ."**

**President Bill Clinton**

to the fifth and six graders at Immaculate Heart of Mary grade school in Minnetonka, Minnesota. The students were studying the environment and ground water.

Rick Miller, engineer, Management Branch, and Ann Midje, civil engineer, Design Branch, visited Highland Middle School, St. Paul, February 19. Midje encouraged students "to start now and continue to take math and science classes and get good grades to help get into engineering colleges."

## President Clinton issues message for Engineers Week

*Editor's note: Headquarters transmitted the following message from the President of the United States to salute our nation's engineers during National Engineers Week, February 14-20, 1993. The message came in after the Crosscurrents February deadline.*

Engineers have always been major contributors to our nation's prosperity and quality of life. Now, as our country embarks in a new direction, engineers will be key players in finding solutions to many of our challenges ahead. From environmental cleanup to international competitiveness, from rebuilding our infrastructure to assuring a reliable energy supply, it is engineers who'll be called upon for the creativity to move our country ahead.

It is fitting that you mark your annual observance with visits to our nation's classrooms to inspire the leaders and workers of tomorrow with the wonders and opportunities of technology. A technically literate workforce is essential to our future success.

I am pleased to join all Americans in saluting our nation's engineers during National Engineers Week. I look forward to the opportunity of working with you to ensure a bright future for our nation.

/s/ Bill Clinton

*Project highlights*

# St. Paul Project enhances downtown river front

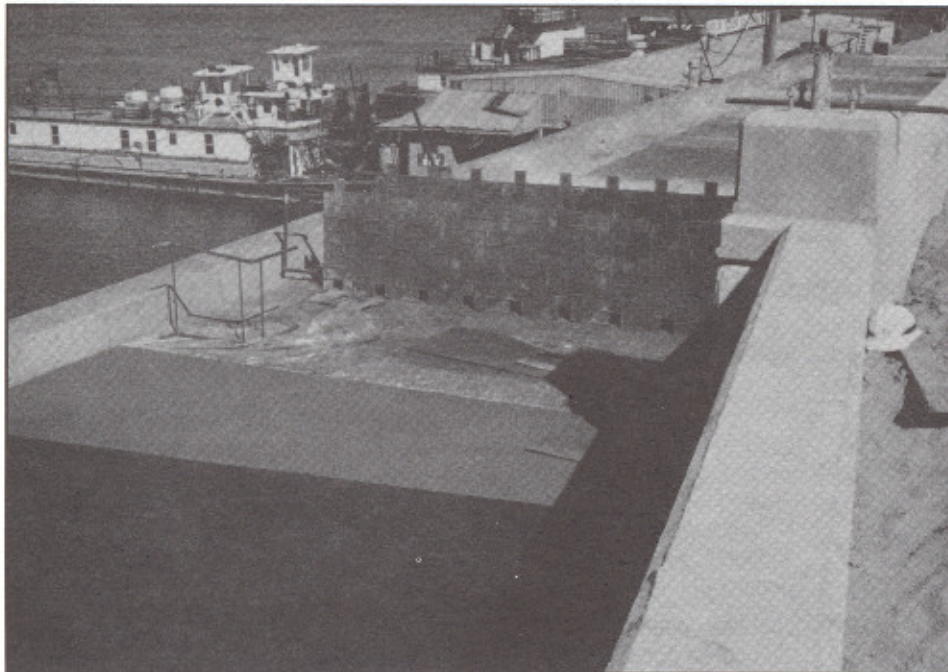


Photo by Carl Gray

Wedged on the Mississippi River in downtown St. Paul between district headquarters and the Minnesota Department of Revenue, the St. Paul Project is one of seven major flood control projects currently under construction. The \$20.2 million, three-stage project is scheduled for completion in September 1994. The photo at left shows part of the \$1 million stage one construction, which was done in November 1992. The top photo shows construction of the 900-foot stamped-concrete walkway between a previously existing flood wall and the new stage one wall. When pressed onto raw concrete, the stamping form (center) creates a shallow relief that gives the walkway the look of hand-laid cobblestone. Workers added red coloring dust to enhance the look.



Photo by Carl Gray

At left, Brian Stahle, an ROTC cadet, Greg Johnson and Karen Nagengast, landscape architects, Planning Division, and Terry Williams, civil engineer, Design Branch, inspect the rock form-work of the flood wall. The pattern and beige coloring simulate a native stone used in several downtown St. Paul office buildings. The Corps worked closely with the City of St. Paul to incorporate recreation features that will allow the public to bike, walk or jog along the river front. The walkway is handicap accessible. The project will offer 588-year flood protection when complete.

## Hello

### Construction-Operations Division

Dennis H. Boardman, sandblaster  
 John J. Brunet, laborer  
 Michael A. Emmons, laborer  
 Kenneth L. Fleshner, sandblaster  
 Roger W. Gilman, painter  
 Douglas A. Grimsled, sandblaster  
 Royce A. Havlik, laborer  
 John K. Kochendorfer, laborer  
 Philip H. Kramer, laborer  
 Dennis J. Kupietz, sandblaster  
 William D. Meyer, environmental protection specialist  
 Wayne E. Piper, laborer  
 Robert A. Wildeisen, sandblaster  
 Duane W. Wilson, laborer

### Information Management Office

Kevin E. Ford, computer clerk

## Good-bye

### Construction-Operations Division

Richard D. Martig, supervisory civil engineer  
 Michael S. Ott, lock and dam operator  
 James D. Wolverton, electrical engineer

### Engineering Division

Jeanne M. Caturia, student trainee civil engineer

### Resource Management Office

Gary R. Danford, accounting officer

# Bits and Pieces

## Reorganization on hold for review

The Corps-wide reorganization, announced by the Chief of Engineers last November, is on temporary hold, pending review and approval by the new administration.

Secretary of Defense Les Aspin requested a review of the reorganization proposal and has asked for a briefing on the plan.

While no date has been set to brief the secretary, several briefings have occurred between the Corps and Aspin's staff.

The first phase of the reorganization was scheduled to be implemented on February 1. The first phase involves realigning districts under six new divisions and phasing out five division headquarters. Under this part of the plan, the St. Paul District would become part of a new North Central Division with headquarters in Cincinnati. At this time, there is no date for activating the new divisions and realigning the districts.

The second phase of the reorganization involved the consolidation of engineering, planning and real estate functions at 15 regional technical centers, including one at St. Paul. This phase is not scheduled for implementation until FY 94 and is not impacted by the current delay.

## District wins EEO award for 5th year

For the fifth consecutive year, the St. Paul District has won the Equal Employment Opportunity Trophy Award in the North Central Division. The 1992 award recognized the district as a leader in ensuring equal employment opportunities for all employees.

## Lois Pream achieves DOD course honors

Lois Pream, a procurement assistant in Contracting, was an honors graduate from a Department of Defense Small Purchase Basic course at Ft. Lee, Virginia, in January.



**US Army Corps of Engineers**  
 St. Paul District

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# Crosscurrents

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 Editor Peter Versteegen

## Harry Carlson

Harry Carlson, who was employed as a civil engineer for the St. Paul District for 32 years, died suddenly on February 15 at age 85. He worked in the old Planning Branch of Engineering Division. He contributed significantly to the Upper Mississippi River Comprehensive Basin Study in the 1960s. He began his career with the district in the construction of locks and dams.