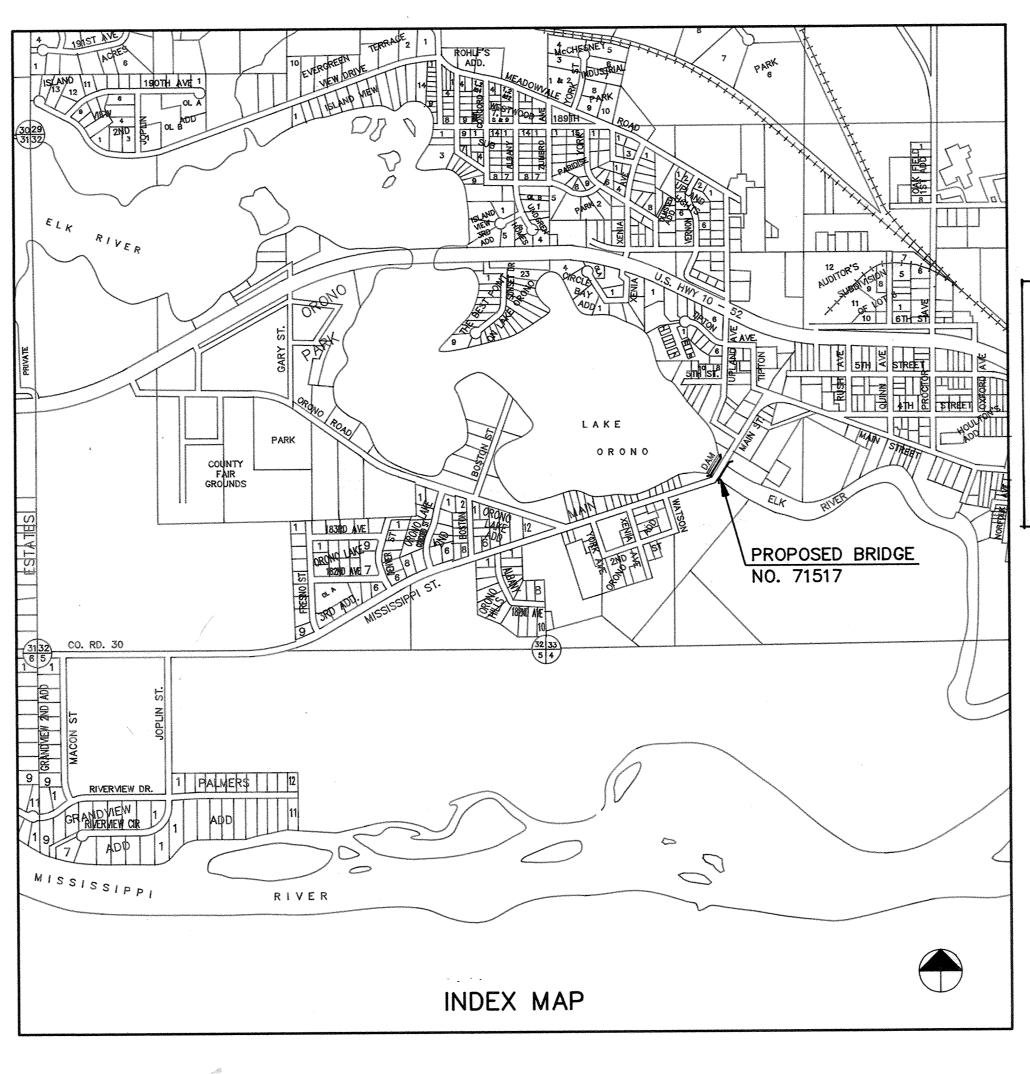
## CITY OF ELK RIVER

SECTION 33, T33N, R26W

CONSTRUCTION PLAN FOR BRIDGE NO. 71517 (REPLACEMENT OF BRIDGE NO. 3093)

LOCATED ON MAIN STREET OVER THE ELK RIVER, 0.14 MILE EAST OF THE JUNCTION OF COUNTY ROAD 30 IN THE CITY OF ELK RIVER



RECORD PLAN OCT. 1993

CONTRACTOR: C.S. MCCROSSAN

FINAL CONSTRUCTION COST: \$ 736,000

	·			
GROSS LENGTH	280.67	FEET	0.053	MIL
BRIDGE LENGTH	240.67	FEET	0.046	MIL
EXCEPTION LENGTH	0	FEET	0	MIL
NET LENGTH	280.67	FEET	0.053	MIL

MINN. PROJ. NO. BRM

MINN. PROJ. NO. CRP 8004 (001)

SCALES	: INDEX MAP	0
	BRIDGE LAYO	OUT L
	SURVEY PLA	N L
		0

- 1A TITLE SHEET INDEX MAP GENERAL PLAN & ELEVATION
- BRIDGE LAYOUT

- ABUTMENT BARLIST & QUANTITIES

- PRESTRESSED CONCRETE BEAM. TYPE 72-119

- EXPANSION JOINT DEVICE EXPANSION JOINT DEVICE
- DETAILS
- BRIDGE SURVEY
- BRIDGE SURVEY PLAN & PROFILE
- 24 A TRAFFIC DETOUR & SIGNING PLAN

I HEREBY CERTIFY THAT PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

LARSON ENGINEERING OF MINNESOTA

3524 LABORE ROAD WHITE BEAR LAKE, MN 55110

APPROVED

(612) 481-9120

4/24/92 RECOMMENDED FOR APPROVAL

RECOMMENDED FOR APPROVAL Many Shirt

RECOMMENDED FOR APPROVAL

Series Reinger Finginger DATE

PROJECT LOCATION COUNTY: SHERBURNE DISTRICT: BRAINERD

R-VALUE N/A N18 FACTOR N/A DESIGN SPEED NOT ACHIEVED AT: STA. N/A TO STA. N/A MPH\_ STOPPING SITE DISTANCE BASED ON: THE 1988 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION

PRESENT ADT (1991) 3146 PROJ. ADT (2011) 6292

SOIL FACTOR \_\_\_\_\_ PROJ. HCADT (2011 )\_\_\_\_156\_\_\_\_

"STANDARD SPECIFICATION FOR CONSTRUCTION" TOGETHER WITH

"SUPPLEMENTAL SPECIFICATIONS" DATED JANUARY 2, 1991, SHALL GÖVERN.

POWER OR

LIGHT POLE

SOIL BORING

ANCHOR

TELEPHONE POLE

PLAN SYMBOLS

SIXTEENTH LINE

RIGHT OF WA

CENTER LINE

FENCE LINE

RIVER OR CREEK

LAKE OR POND

RETAINING WALL

UTILITIES SYMBOLS

SANITARY SEWER

STORM SEWER

WATERMAIN

GAS LINE

POWER LINE

CATCH BASIN

VALVE

SANITARY MANHOLE

STORM MANHOLE (STANDARD CASTING) MH

STORM MANHOLE (INLET CASTING)

9 TON DESIGN

DESIGN SPEED 30 MPH

3.5' HEIGHT OF EYE

0.5' HEIGHT OF OBJECT

CULVERT

BRIDGE

SHEET 1A OF 24

s. P. 204-113-03