

MINNESOTA DEPARTMENT OF TRANSPORTATION

ANOKA COUNTY

CONSTRUCTION PLAN FOR

LOCATED ON C.R. 116, RUM RIVER CROSSING, BETWEEN AND (Geographic Description)

COUNTY PROJECT NO. 85-05-116 FROM TO (Legal Description)

COUNTY PROJECT NO. 88-09-116 FROM TO (Legal Description)

STATE AID PROJ. NO.

GROSS LENGTH	5,277.000	FEET	0.999	MILES
BRIDGES-LENGTH	724.990	FEET	0.137	MILES
EXCEPTIONS-LENGTH	724.990	FEET	0.137	MILES
NET LENGTH	4,522.010	FEET	0.852	MILES

PLANS SYMBOLS

STATE LINE	---
TOWNSHIP RANGE LINE	---
SECTION LINE	---
QUARTER LINE	---
SIXTEENTH LINE	---
RIGHT-OF-WAY LINE	---
SCAPE EASEMENT	---
PROPERTY LINE	---
PROPERTY LINE (EXCEPT LEASE LINES)	---
VACATED PLATTED PROPERTY	---
CORPORATE OR CITY LIMITS	---
TRUNK HIGHWAY CENTER LINE	---
RETAINING WALL	---
RAILROAD	---
RAILROAD RIGHT-OF-WAY LINE	---
RIVER OR CREEK	---
DRY RUN	---
DRAINAGE DITCH	---
DRAIN TILE	---
CAVERT	---
DROP INLET	---
RAILROAD CROSSING	---
WOOD WIRE FENCE	---
WOODEN POST AND RAIL FENCE	---
CHAIN LINK FENCE	---
RAILROAD SNOW FENCE	---
STONE WALL OR FENCE	---
HEDGE	---
RAILROAD CROSSING SIGN	---
ELECTRIC WARNING SIGN	---
CROSSING GATE	---
MEANDER CORNER	---
SPRINGS	---
MARSH	---

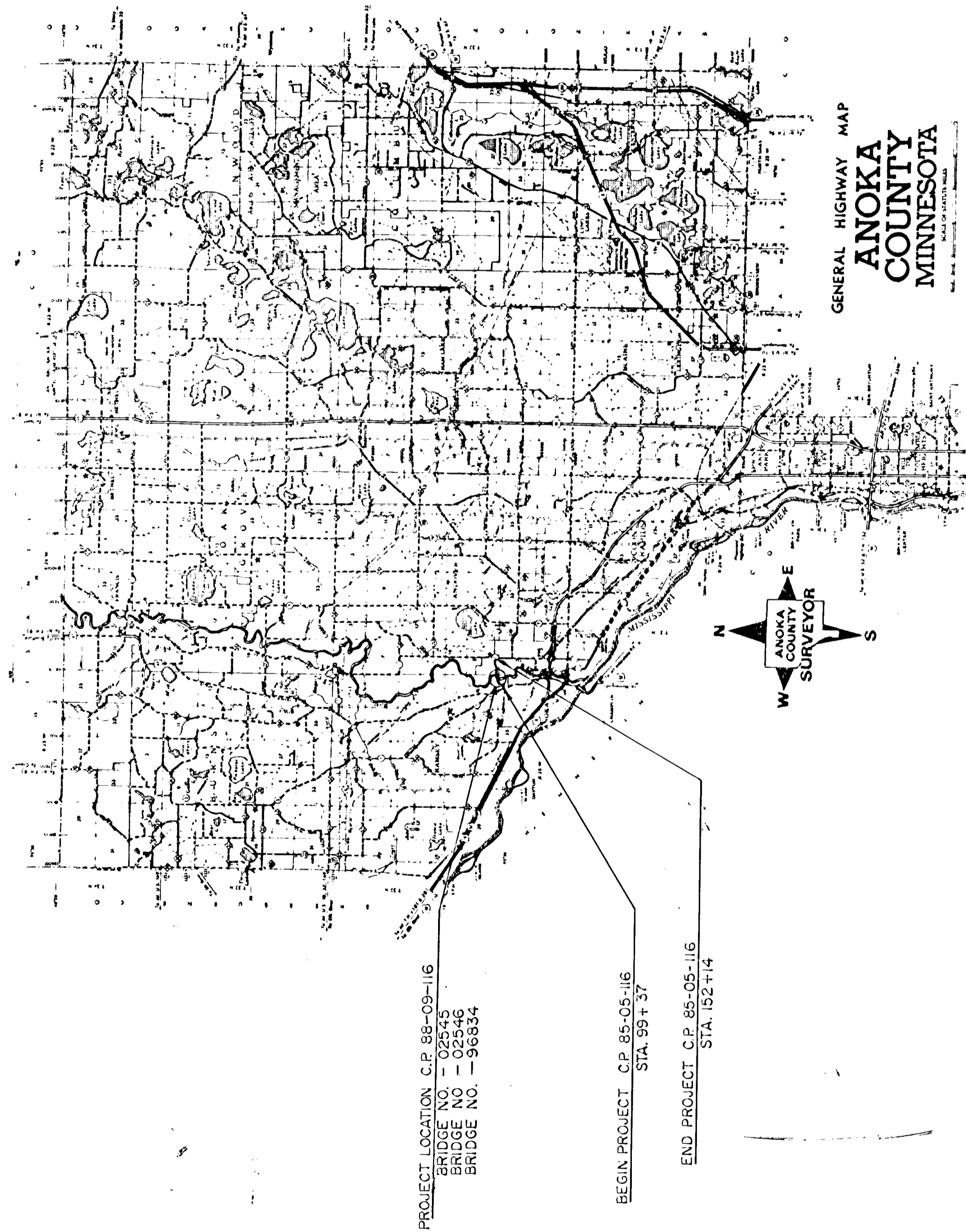
TABLER	---
ORCHARD	---
BRUSH	---
MURKERY	---
CATCH BASIN	---
PIT (DRAIN)	---
CATTLE GUARD	---
OVERPASS (Highway Over)	---
UNDERPASS (Highway Under)	---
BRIDGE	---
BUILDING (One Story Frame)	---
F - FRAME	---
C - CONCRETE	---
S - STONE	---
B - BRICK	---
ST - STUCCO	---
IRON PIPE OR ROD	---
MONUMENT (STONE, CONCRETE OR METAL)	---
WOODEN PILE	---
GRAVEL PIT	---
SAND PIT	---
BORING PIT	---
ROCK QUARRY	---

UTILITIES SYMBOLS

POWER POLE LINE	---
TELEPHONE OR TELEGRAPH POLE LINE	---
JOINT TELEPHONE AND POWER ON POWER POLES	---
ON TELEPHONE POLES	---
ANCHOR	---
STEEL TOWER	---
STREET LIGHT	---
FLUORESCENT TELEPHONE CABLE TERMINAL	---
GAS MAIN	---
WATER MAIN	---
CONDUIT	---
TELEPHONE CABLE IN CONDUIT	---
ELECTRIC CABLE IN CONDUIT	---
TELEPHONE MANHOLE	---
ELECTRIC MANHOLE	---
BURIED TELEPHONE CABLE	---
BURIED ELECTRIC CABLE	---
AERIAL TELEPHONE CABLE	---
SEWER (SANITARY OR STORM)	---
SEWER MANHOLE	---

SCALES

PLAN	1" = 50'
PROFILE	1" = 10'
INDEX MAP	1" = 2.56 MI.
CROSS SECTION	1" = 10'



MINN. PROJ. NO.
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GOVERNING SPECIFICATIONS

THE 1988 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN.

INDEX

SHEET NO. 1	TITLE SHEET
" 2	STATEMENT ESTIMATED QUANTITIES
" 3	TYPICAL DETAILS
" 4	CONCRETE DETAILS & MISC. DETAILS
" 5	GUARD RAIL DETAILS
" 6	PLANTING DETAILS
" 7	DRAINAGE CHART
" 8-9	STORM DETAILS
" 10	SUPERELEVATION CHART
" 11-12	MITIGATION POND DETAILS
" 13-16	PLAN & PROFILE SHEETS
" 17-21	WATERMAIN DETAILS
" 22-32	CROSS SECTION SHEETS

C.P. 88-09-116 " 1A-46A BRIDGE NO. 02545
" 1B-368 BRIDGE NO. 02546
" 1C-10C BRIDGE NO. 96834

THIS PLAN CONTAINS 124 SHEETS

DESIGN DESIGNATION

ΣN18 20
R Value
ADT () = 19,150
Proj. HCADT (2010) = 1100 +
Soil Factor A3 50%
Ton Design 9
Shoulder Width 10'

Design Speed 40 MPH
Based on STOPPING Sight Distance
Height of eye 3.5' Height of object 0.5'
Design Speed not achieved at:
STA. TO STA. MPH
STA. TO STA. MPH
STA. TO STA. MPH

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
DATE 9/29/99 REG. NO. 6549 ENGR. *[Signature]*
COUNTY Anoka

Recommended for Approval 19..... DISTRICT STATE AID ENGINEER
Recommended for Approval 19..... STATE AID PLANS AND SPECS ENGINEER
Approved 19..... STATE AID ENGINEER

DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION
APPROVED
DIVISION ADMINISTRATOR
DATE