

MINNESOTA DEPARTMENT OF TRANSPORTATION

CONSTRUCTION PLAN FOR GRADING, BASE & BITUMINOUS SURFACING & BOX CULVERT CONST.

C.R. 140
 LOCATED ON 80 th. AVE. N.E. FROM C.S.A.H. 21 TO EAST CO. LINE
FROM THE NE COR SEC 12 TO THE NW COR SEC 12, T31N R22W.

STATE PROJ. NO. _____
 MINN. PROJ. NO. _____
 GROSS LENGTH 5,310,000 FEET 1.006 MILES
 BRIDGES-LENGTH 276,000 FEET .052 MILES
 EXCEPTIONS-LENGTH _____ FEET _____ MILES
 NET LENGTH 5,034,000 FEET 0.953 MILES
 MILE POINT NA TO MILE POINT NA

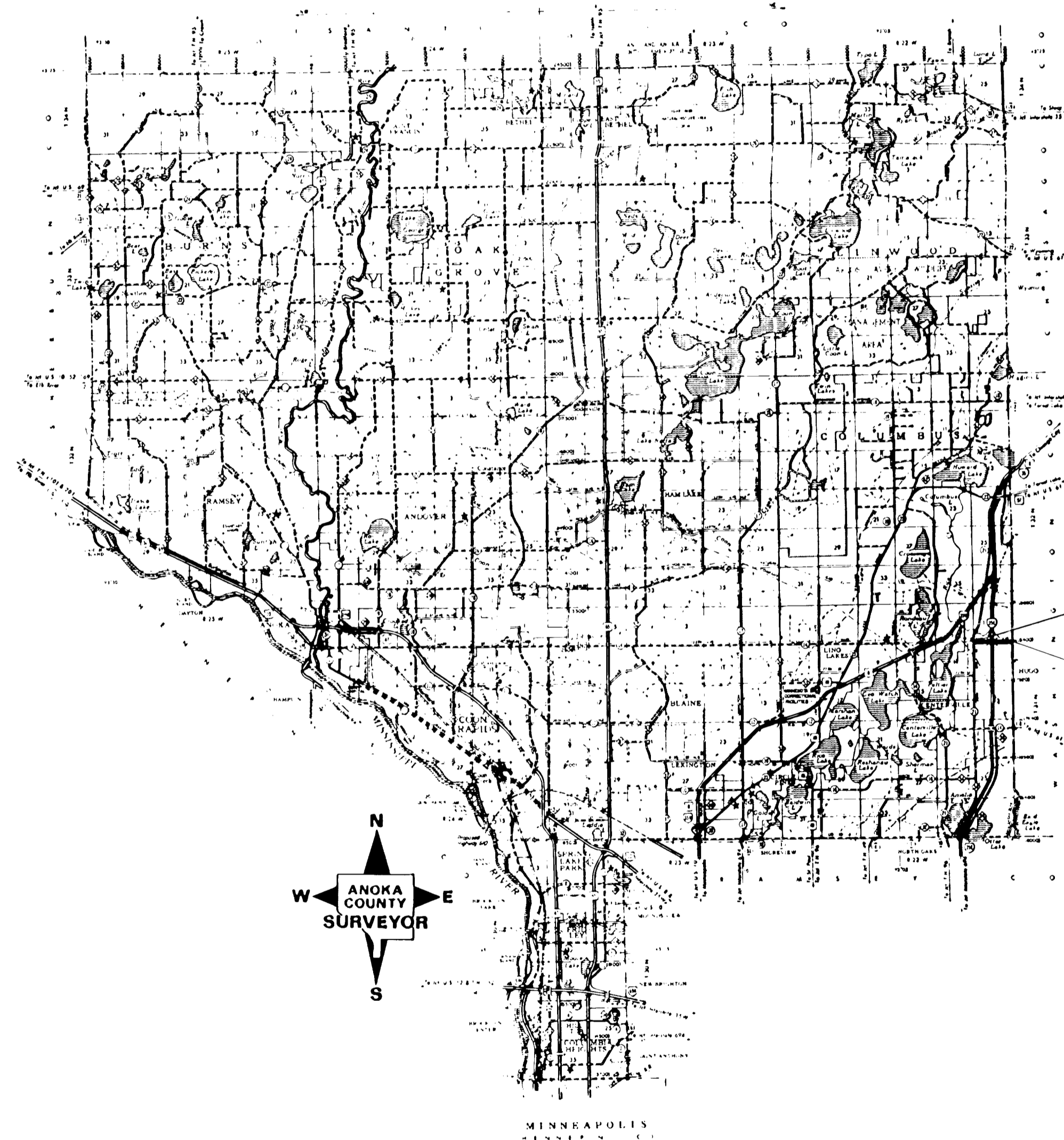
STATE PROJ. NO. _____
 MINN. PROJ. NO. _____
 GROSS LENGTH _____ FEET _____ MILES
 BRIDGES-LENGTH _____ FEET _____ MILES
 EXCEPTIONS-LENGTH _____ FEET _____ MILES
 NET LENGTH _____ FEET _____ MILES
 MILE POINT _____ TO MILE POINT _____

FED. PROJ. NO. _____

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

INDEX

SHEET NO. 1	TITLE SHEET
" " 2	ESTIMATED QUANTITIES
" " 3	TYPICAL SECTION & EROSION CONTROL
" " 4-5	PLAN & PROFILE
" " 6-7	SPECIAL DRAINAGE DITCH CONSTRUCTION
" " 8-14	CROSS SECTIONS
" " 15-20	BRIDGE CONST.
" " 21-22	TRAFFIC CONTROL & DETOUR



BEGIN PROJ. C.P. 86-03-140
 STA. 10+04
 INCLUDES CONST. OF BRIDGE NO. 96424 (CONC. BOX CULV.)
 PROJECT NO. SAP 210-110-01
 END PROJ. C.P. 86-03-140
 STA. 63+14

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 MARCH 16, 1988 REG. NO. 6549 ENGR. James K. Lund
 COUNTY ENGINEER

DESIGN SQUAD _____
 Right of Way Approval _____ 19 _____
 DIRECTOR, RIGHT OF WAY OPERATIONS
 Approved Ronald Stihlberg 7/1 1987
 CITY ENGINEER
 Recommended for Approval _____ 19 _____
 Recommended for Approval C. W. Weichbaum 7/1 1987
 DISTRICT ENGINEER, S. A.
 Recommended for Approval _____ 19 _____
 TRANSPORTATION PLANS ENGINEER
 Recommended for Approval _____ 19 _____
 STATE AID PLANS ENGINEER
 Approved 5-2 1988 Ray J. Blawie
 STATE AID ENGINEER

DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 APPROVED

 DIVISION ADMINISTRATOR DATE

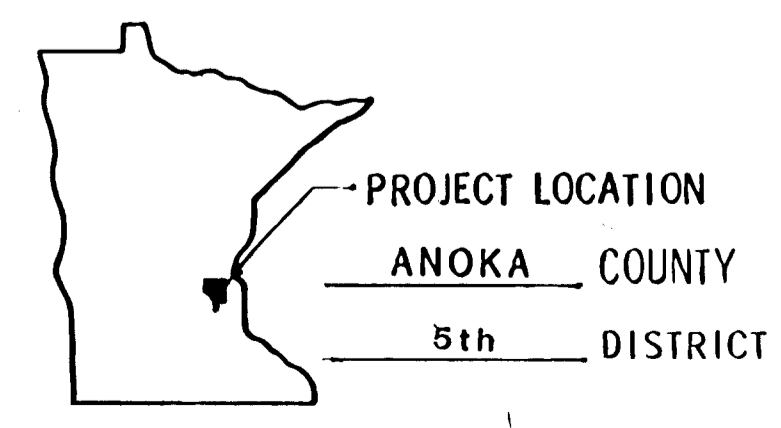
SCALE

INDEX MAP 2.66 mi
 PLAN & PROFILE { HORIZ. 100'
 VERT. 1"
 CROSS SECTIONS 10'

FOR PLANS AND UTILITIES SYMBOLS SEE TECHNICAL MANUAL

STATE PROJ. NO.	AREA	JOB
_____	_____	_____
_____	_____	_____
_____	_____	_____

DESIGN DATA
 = 280 (86) Design Speed 55 MPH 9 TON
 = 364 (06) Based on STOPPING Sight Distance
 = _____ Height of eye 35' Height of object 0.5'
 = _____ Design Speed not achieved at:
 = LESS THAN 150 STA. 35+47 TO STA. 40+47 MPH 40
 = A-4, 100% STA. _____ TO STA. _____ MPH _____



PLAN REVISIONS		
DATE	SHEET NO.	APPROVED BY

ADT (Current Year)
 ADT (Future Year)
 DHV (Design Hr. Vol.)
 D (Directional Distr.)
 T (Heavy Commercial)
 Soil Factor

STATE AID PROJ. NO. 210-110-01 COUNTY PROJ. NO. 86-03-140
 STATE PROJ. NO. _____ SHEET NO. 1 OF 22 SHEETS

I HEREBY CERTIFY THAT THE FINAL FIELD REVISIONS, IF ANY, OF THIS PLAN WERE MADE 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 _____ REG. NO. _____