

# CITY OF ST. PAUL

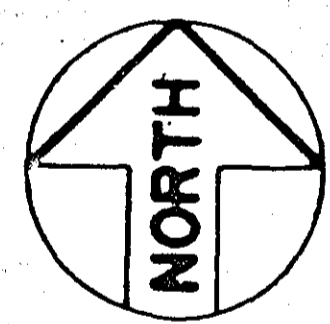
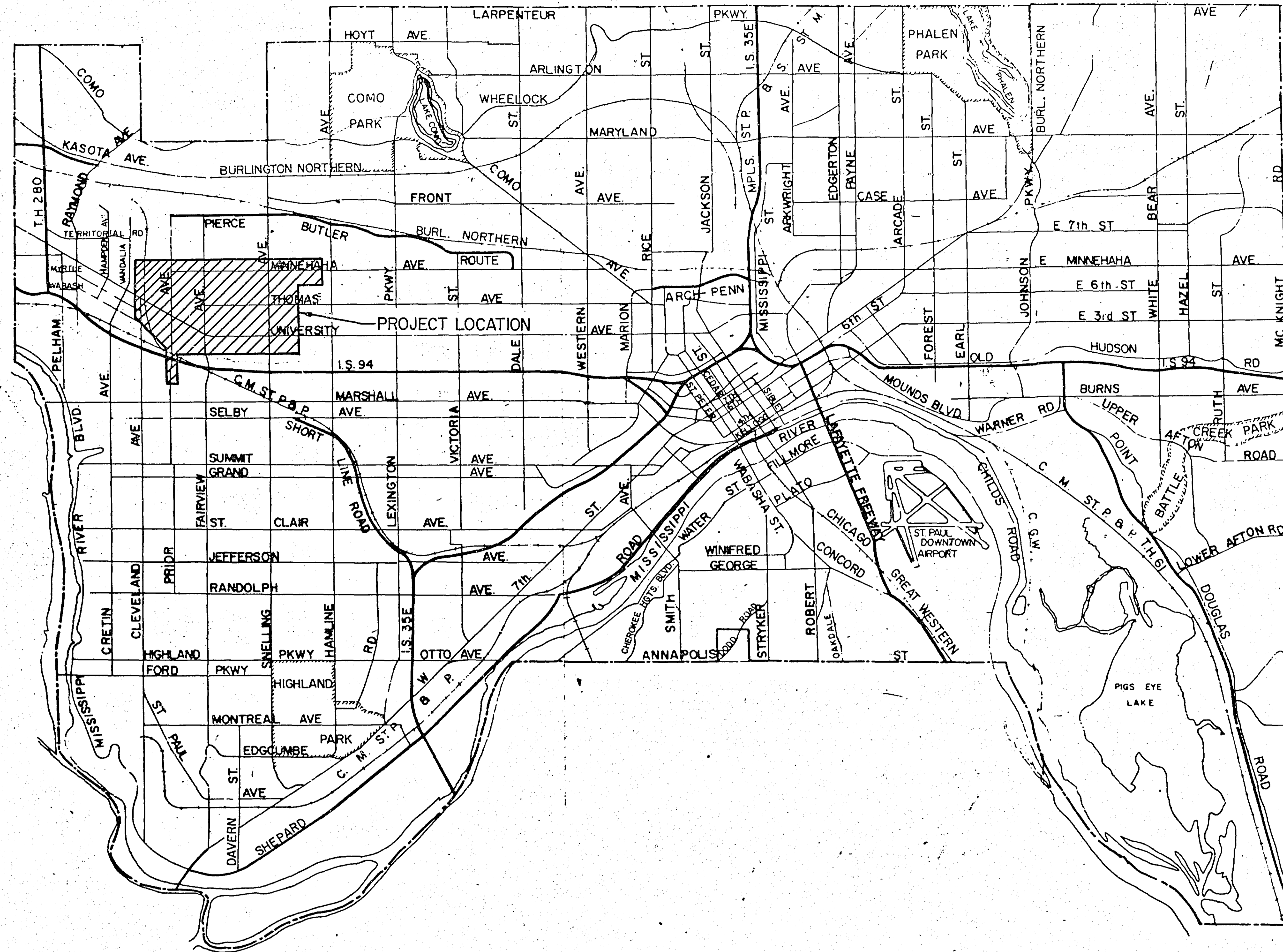
Department of Public Works

CONSTRUCTION PLAN FOR

SNELLING - UNIVERSITY

SEWER SEPARATION PROJECT

CITY PROJECT NO. 86-S-8015



5000'

AGREEMENT NO. 65721  
CITY OF ST. PAUL  
S.P. 6208-30 (T.H. 52-104)  
STATE FUNDS

DISTRICT 9

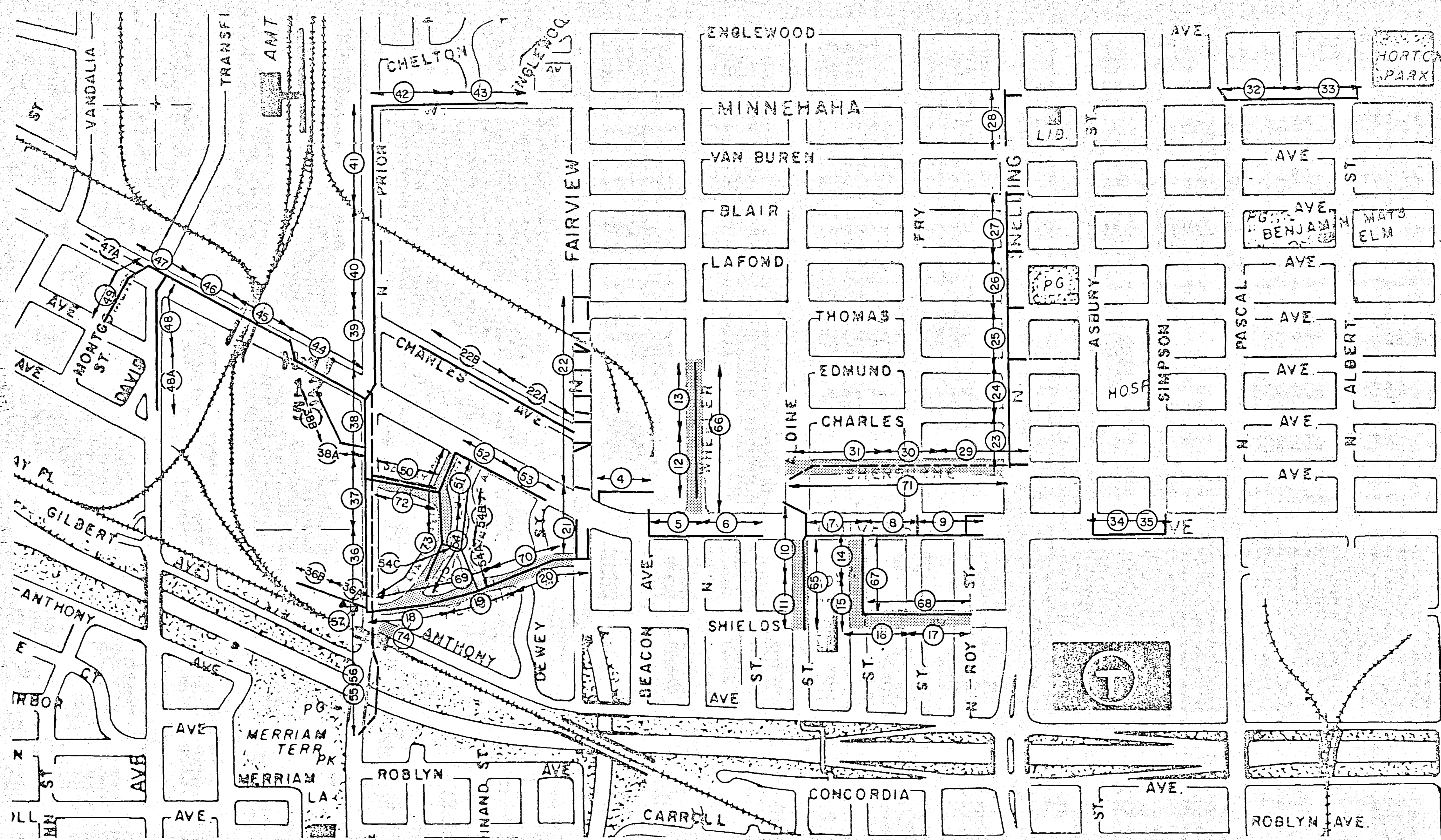
4/4/88  
Month/Year  
REVISED TO CONFORM TO  
CONSTRUCTION RECORDS  
Donohue & Assoc., Inc.  
By RALPH BADER

SPECIFICATIONS  
THE MINNESOTA DEPT. OF TRANSPORTATION "STANDARD  
SPECIFICATIONS FOR HIGHWAY CONSTRUCTION" 1983  
EDITION SHALL GOVERN.

APPROVED	<u>David J. Quast</u>	3-10 1989
RECOMMENDED FOR APPROVAL BY	<u>Robert H. Carls</u>	2-21 1989
	DISTRICT ENGINEER	
RECOMMENDED FOR APPROVAL BY	<u>D. V. Johnson</u>	3-6 1989
	HYDRAULICS ENGINEER	
RIGHT OF WAY APPROVAL BY	<u>R. D. Mussen</u>	3-16 1989
	DIRECTOR, RIGHT OF WAY OPERATIONS	
RECOMMENDED FOR APPROVAL BY	<u>William J. Mueller</u>	3-6 1989
	DESIGN SERVICES ENGINEER	
RECOMMENDED FOR APPROVAL BY	<u>Harold O. Reinhard</u>	3-6 1989
	DIRECTOR, OFFICE OF TECHNICAL SUPPORT	
APPROVED BY	<u>B. M. Hill</u>	3-16 1989
	DEPUTY DIVISION DIRECTOR, TECHNICAL SERVICES DIVISION	

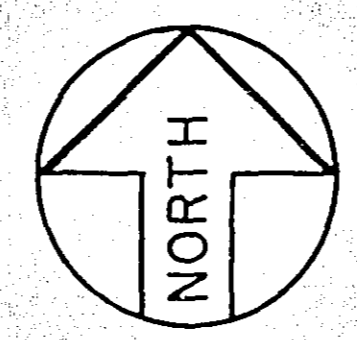
<b>Donohue</b> Engineers & Architects COMPUTER AIDED DESIGN/DRAFTING  COMBINED SEWER SEPARATION WEST KITTSONDALE AREA SUBBASINS WKD-2, 3 & 5	DESIGNED JMN	I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.  <u>James J. Jahn</u> SIGNATURE 13747 REG. NO.	DRG. NO.
	DRAWN RKK		DATE 4/86
CHECKED RGZ	4/23/86 DATE		SHEET 1 OF 77

COMBINED SEWER SEPARATION  
SEW. DR. DRG. NO.



**INDEX**

- 1 PROJECT LOCATION
- 2 ABBREVIATION & SYMBOLS
- 3 INDEX
- 4-57 SEWER PLAN & PROFILE
- 58-62 DETAILS (STRUCTURES)
- 63-64 DETAILS (LIFT STATION)
- 65-74 PAVING PLAN & PROFILE
- 75-77 TYPICAL SECTION



**LEGEND**

- STORM SEWER
- SANITARY SEWER
- STREET PAVING

4/4/88  
Month/Year

REVISED TO CONFORM TO  
CONSTRUCTION RECORDS  
Donohue & Assoc., Inc.  
By RALPH B

COMBINED SEWER SEPARATION  
SEW. DR.      DRG. NO.

<b>Donohue</b> Engineers & Architects COMPUTER AIDED DESIGN/DRAFTING  <b>COMBINED SEWER SEPARATION</b> <b>WEST KITTSONDALE AREA</b> <b>SUBBASINS WKD 2,3 &amp; 5</b>	DESIGNED JMN	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.   RALPH B. SURVEYOR REG. NO. 12777 DATE 12/77	DRG. NO.
	DRAWN RKK		DATE 4/86
INDEX SHEET	CHECKED RGZ		

ADJACENT DOCUMENT WAS SUPPLIED BY AGENCY NAMED BELOW, DURING THE REGULAR COURSE OF BUSINESS, TO BE FILMED BY STATE OF MINNESOTA MICROFILM SERVICES UNIT ACCORDING TO NATIONAL BUREAU OF STANDARDS REQUIREMENTS FOR PERMANENT MICROFILM AND ACCORDING TO FILED PROCEDURES FOR THE DOCUMENT.  
 DOT Road Design Dept. Mickelson 1995/1996 See P. 12/12/1996