

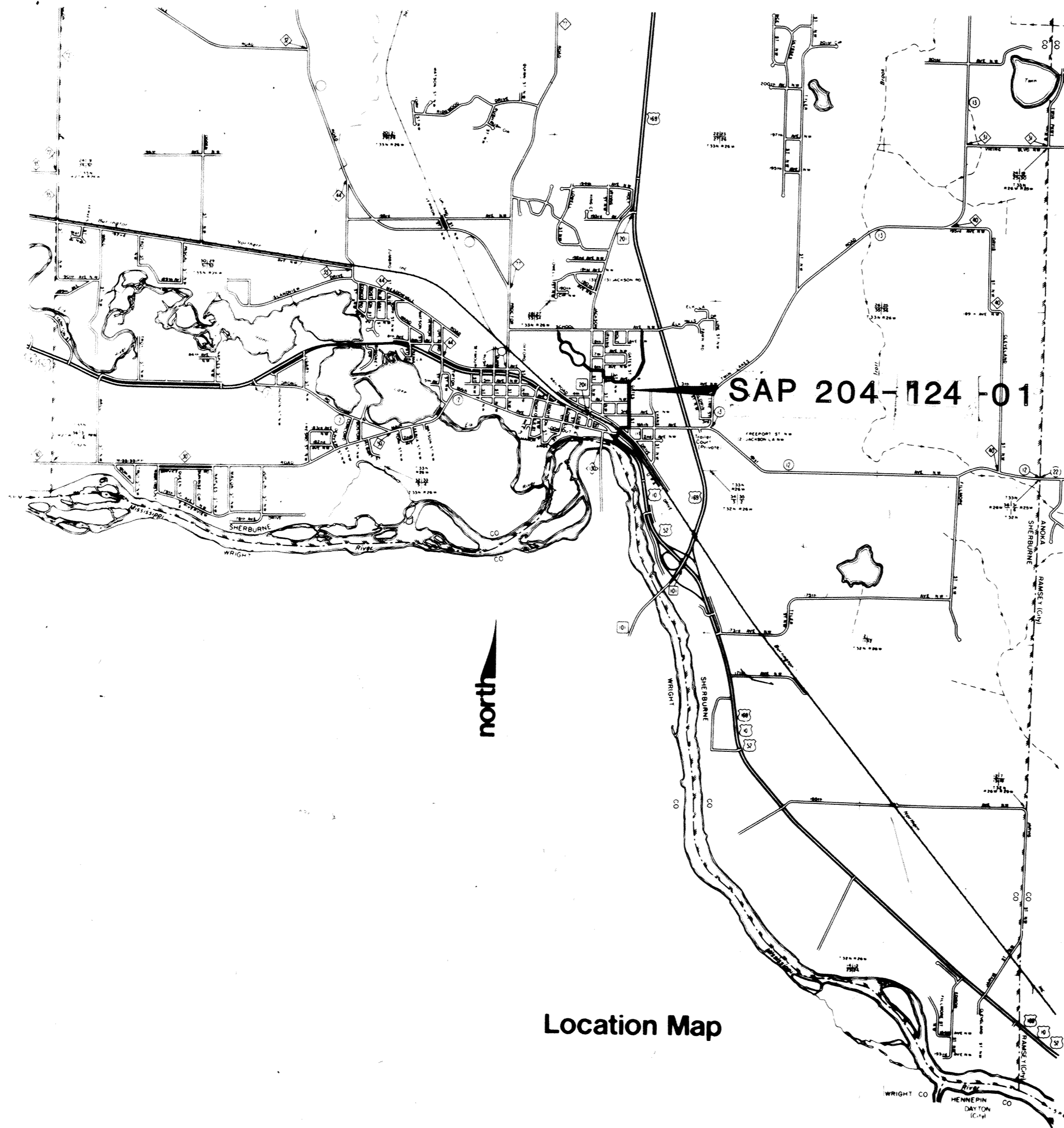
# MINNESOTA DEPARTMENT OF TRANSPORTATION

## CONSTRUCTION PLAN FOR STORM SEWER & STREET CONSTRUCTION

LOCATED ON GATES AVE FROM U.S. HWY NO.10 TO SCHOOL STREET

STATE PROJ. NO. \_\_\_\_\_  
 MINN. PROJ. NO. 204-119-01  
 GROSS LENGTH 3350 FEET 0.63 MILES  
 BRIDGES-LENGTH 0 FEET 0 MILES  
 EXCEPTIONS-LENGTH 0 FEET 0 MILES  
 NET LENGTH 3350 FEET 0.63 MILES  
 MILE POINT \_\_\_\_\_ TO MILE POINT \_\_\_\_\_

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 \_\_\_\_\_

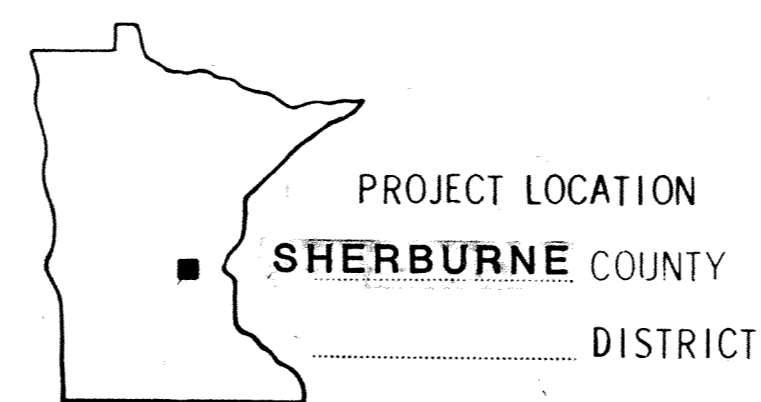


SCALES

PLAN	0	50
PROFILE	0	50
INDEX MAP	0	300
GENERAL LAYOUT	0	50

### DESIGN DESIGNATION

ADT (Current Year) 1982 = 1300 Design Speed 30 MPH  
 ADT (Future Year) 2002 = 2600 Based on Sight Distance  
 DHV (Design Hr. Vol.) = \_\_\_\_\_ Height of eye Height of object  
 D (Directional Distr.) = \_\_\_\_\_ % Design Speed not achieved at: \_\_\_\_\_  
 T (Heavy Commercial) = \_\_\_\_\_ %  
 N18 = 372,000 STA. \_\_\_\_\_ TO STA. \_\_\_\_\_ MPH  
 R = 70 STA. \_\_\_\_\_ TO STA. \_\_\_\_\_ MPH



PLAN REVISIONS		
DATE	SHEET NO.	APPROVED BY

FED. PROJ. NO. \_\_\_\_\_

### GOVERNING SPECIFICATIONS

THE 1978 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION" SHALL GOVERN.

### INDEX

- 1 COVER SHEET
- 2 ESTIMATED QUANTITIES
- 3 LOCATION MAP
- 4-10 STORM SEWER PLAN & PROFILE
- 11-15 WATERMAIN CONSTRUCTION
- 16-18 STREET CONSTRUCTION
- 19 SIGNING & STRIPING
- 20-22 DETAIL PLATES
- 23-27 CROSS SECTIONS

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 3/1/83 REG. NO. 15316 ENGR. Terry J. Mauer

DESIGN SQUAD \_\_\_\_\_

Right of Way Approval \_\_\_\_\_ 19  
 DIRECTOR, RIGHT OF WAY OPERATIONS

Recommended for Approval 3-4 1983  
 DISTRICT DIRECTOR D. D. D.

Recommended for Approval Delbert D. O'Leary 4-13 1982  
 PLANS ENGINEER

Recommended for Approval \_\_\_\_\_ 19  
 DESIGN SERVICES DIRECTOR

Recommended for Approval \_\_\_\_\_ 19

Approved 4/18 1983 [Signature]  
 DIRECTOR, OFFICE OF ENGINEERING SERVICES  
 STATE AID

DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 APPROVED  
 DIVISION ADMINISTRATOR \_\_\_\_\_ DATE \_\_\_\_\_

AS-BUILT  
 DRAWN BY: MRK Date 12-26-84  
 CHECKED BY:  
 INSPECTOR JCH Date 2-1-85  
 DESIGN ENGR [Signature] Date 2-1-85  
 PARTY CHIEF [Signature] Date 2-1-85

FOR PLANS AND UTILITIES SYMBOLS SEE TECHNICAL MANUAL

STATE PROJ. NO.	AREA	JOB

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. \_\_\_\_\_

STATE PROJ. NO. 204-124-01 SHEET NO. 1 OF 27 SHEETS

DRAWING NUMBER GATES.83