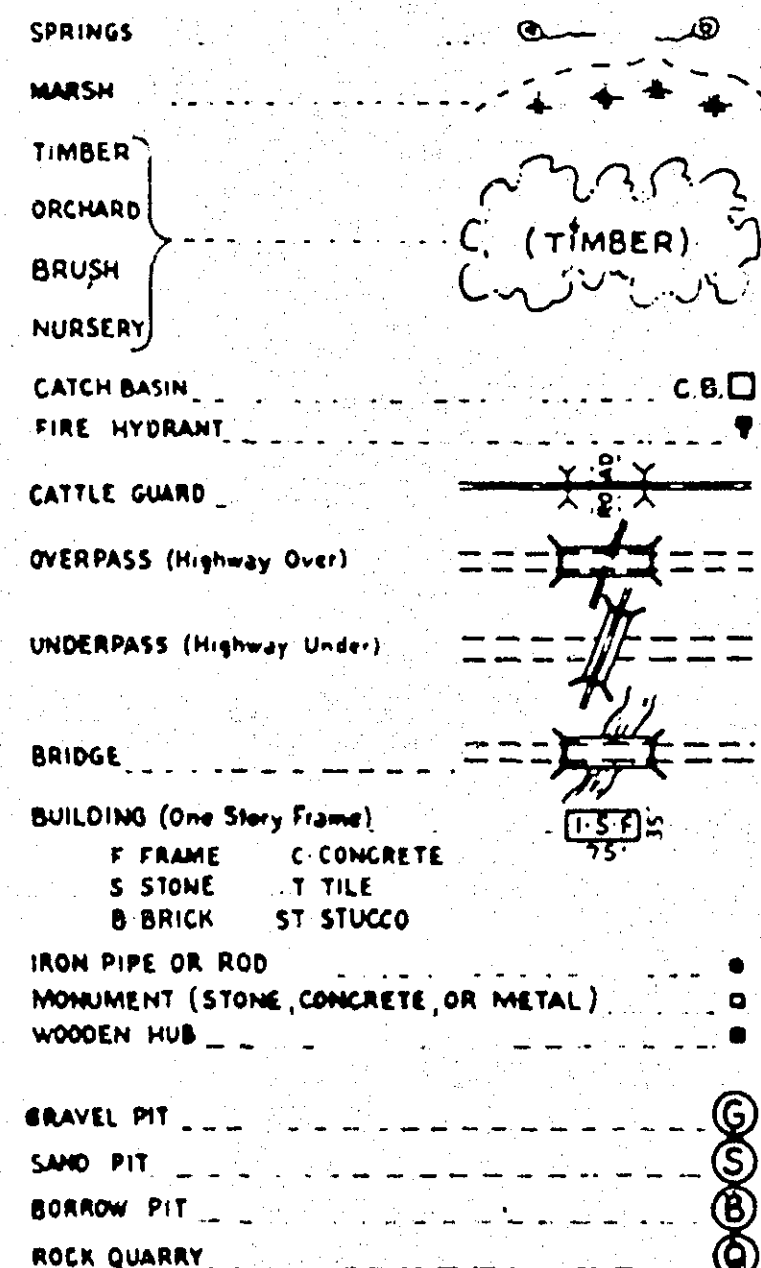
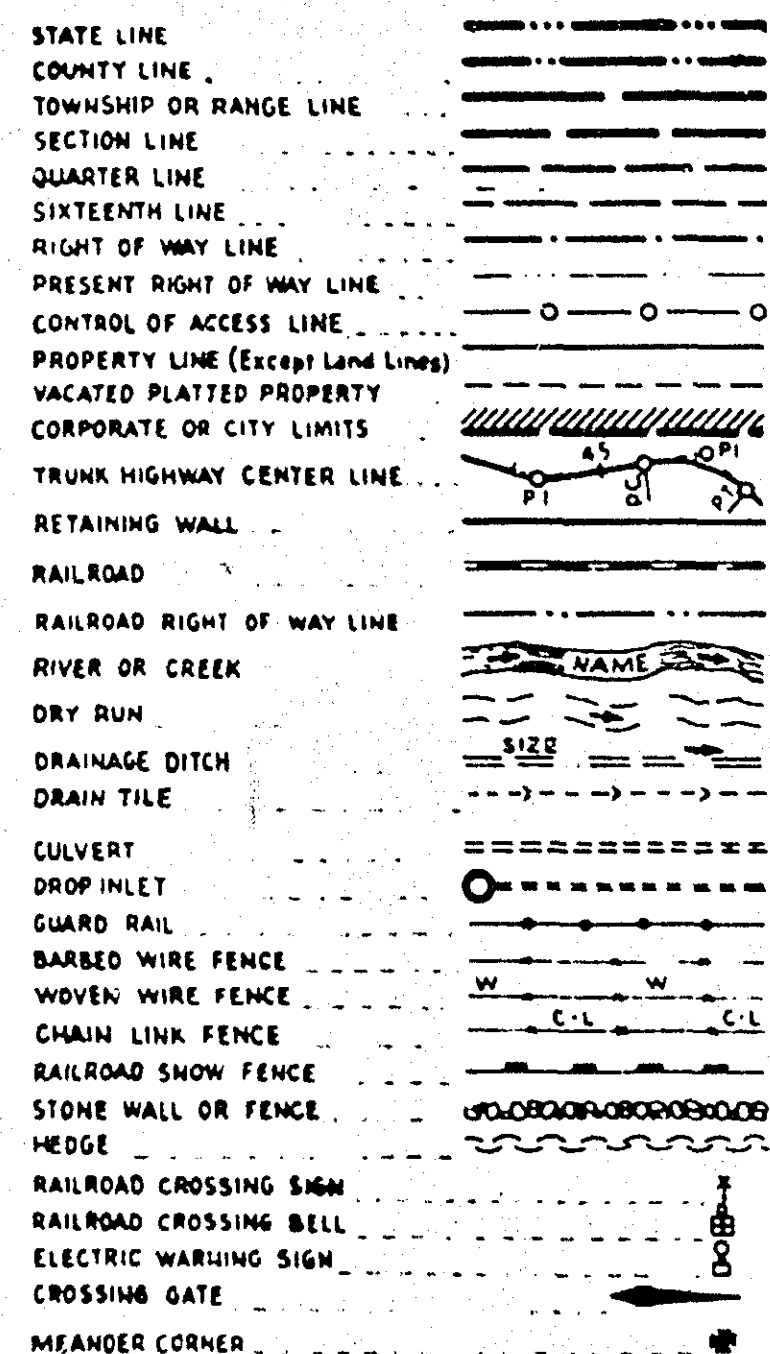
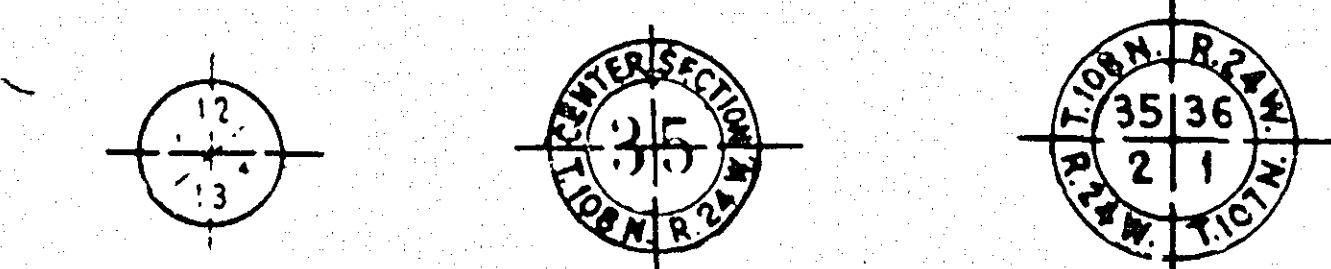
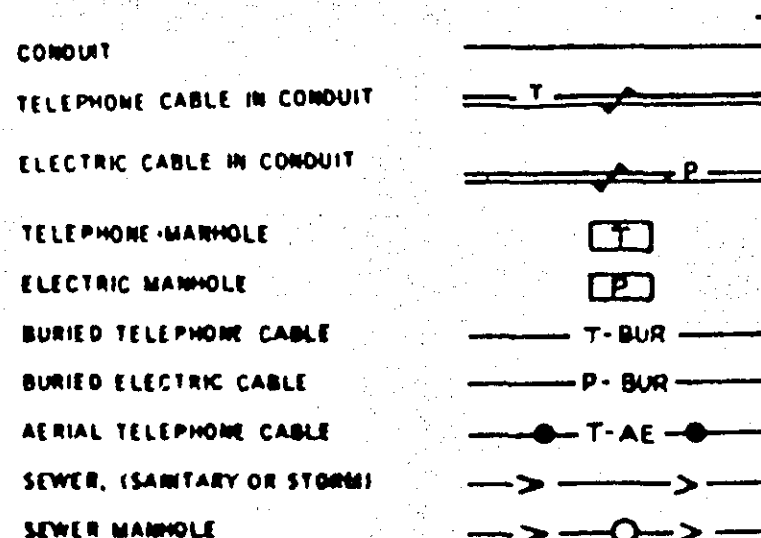
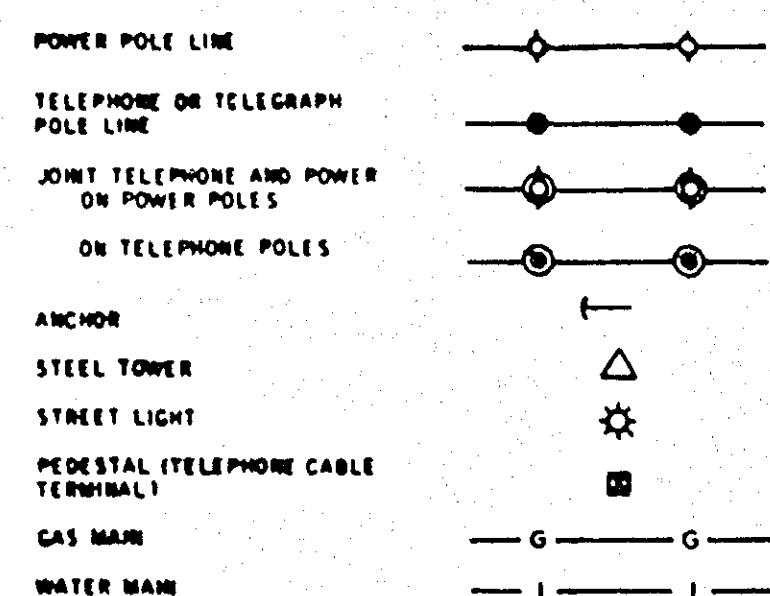


PLANS SYMBOLS



UTILITIES SYMBOLS



PIT DATA

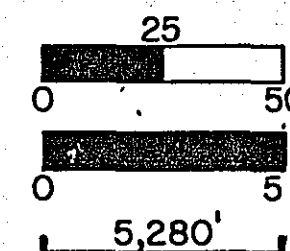
PIT NO. _____ Located in _____
 PIT NO. _____ Located in _____

LAKE JOHANNA BLVD. GROSS LENGTH 3,900 FEET = 0.7386 MILES
 BRIDGES - LENGTH FEET = MILES
 EXCEPTIONS - LENGTH FEET = MILES
 NET LENGTH 3,900 FEET = 0.7386 MILES

PLAN

CROSS SECTIONS

LAYOUT



OFFICE OF COUNTY ENGINEER RAMSEY COUNTY

LAKE JOHANNA BLVD. BIKEWAY

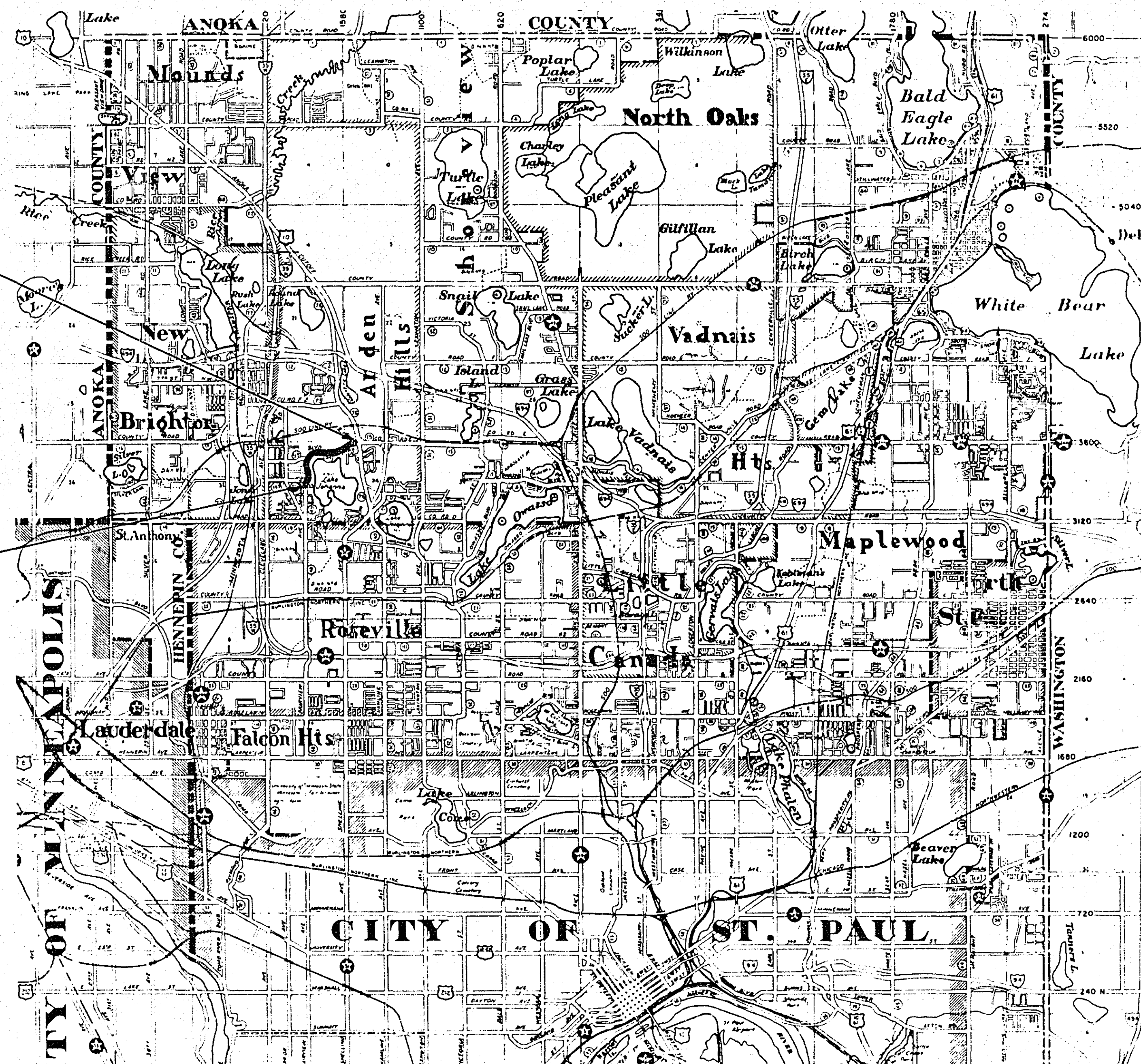
CONSTRUCTION PLAN FOR: BITUMINOUS BIKEWAY
 BETWEEN 200' SOUTH OF COUNTY ROAD "E"
 AND SNELLING AVE.

TRAFFIC VOLUMES

County Rd. E to Snelling Ave. 2425 ADT 1977

INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	ESTIMATED QUANTITIES & TYPICAL SECTIONS
3&4	PLAN SHEETS



RECOMMENDED FOR APPROVAL PLK DATE 6-1-78
 TRAFFIC ENGR
 RECOMMENDED FOR APPROVAL SES DATE 6-2-78
 ENV ENGR
 RECOMMENDED FOR APPROVAL MEX DATE 6-1-78
 MAINT ENGR
 RECOMMENDED FOR APPROVAL JAP DATE 6-2-78
 CONST ENGR
 RECOMMENDED FOR APPROVAL LKF DATE 5-2-78
 DESIGN ENGR
 RECOMMENDED FOR APPROVAL JAP DATE 6-2-78
 ARCH ENGR
 APPROVED W. J. P. P. P. DATE 6-2-78
 COORDINATING ENGR

RECOMMENDED FOR APPROVAL H. J. P. P. P. DATE 6-2-78
 COUNTY ENGINEER
 APPROVED W. J. P. P. P. DATE _____
 CHAIRMAN OF THE RAMSEY COUNTY BOARD
 APPROVED _____ DATE _____
 APPROVED _____ DATE _____
 MINNESOTA STATE HIGHWAY DEPARTMENT
 RECOMMENDED FOR APPROVAL D. J. P. P. P. DATE 7-26-78
 RECOMMENDED FOR APPROVAL W. J. P. P. P. DATE 4/5/78
 DISTRICT STATE AID ENGINEER
 APPROVAL W. J. P. P. P. DATE 7/26/78
 STATE AID ENGINEER

I hereby certify that this plan, specification, or report 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.
Paul K. P. P.
 Date 6-1-78 Reg. No. 12703

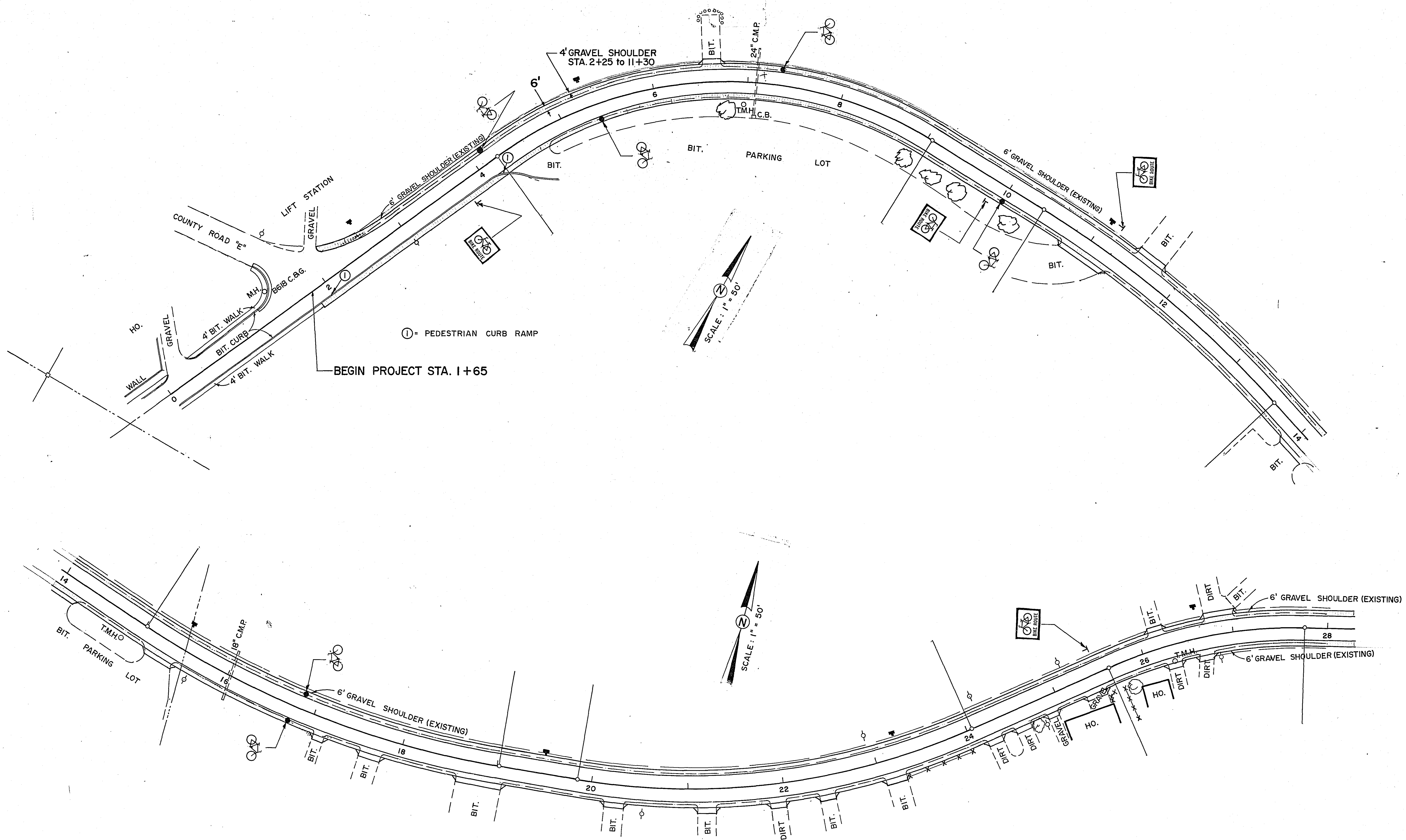
REVISED	DATE	DESIGNED BY
	<u>7-10-78</u>	
		DRAWN BY
		CHECKED BY

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

S. A. P. No. 62-649-02

Sheet No. 1 of 4 Sheets

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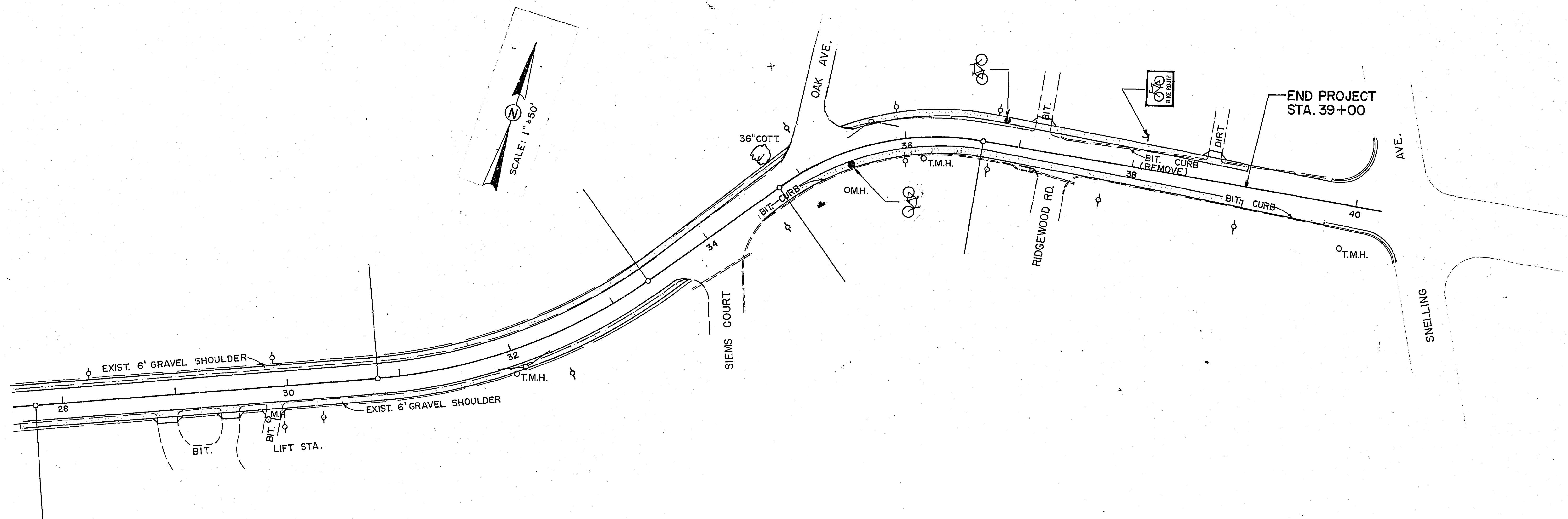
REVISED	DATE	DESIGNED BY	
Signs	7-10-78	DRAWN BY	
		CHECKED BY	

S.A.P. No. 62-649-02

Sheet No. 3 of 4 Sheets

I hereby certify that this plan, specification, or report 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.
Paul K. [Signature]
 Date: 10-1-78 Reg. No. 12703

25-116



REVISED	DATE	DESIGNED BY	
Signs	7-10-78	DRAWN BY	
		CHECKED BY	

S.A.P. No. 62-649-02

I hereby certify that this plan, specification, or report 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.
Paul Schmidt
 Date: 6-1-78 Reg. No. 12703

Sheet No. 4 of 4 Sheets

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