

RAMSEY COUNTY
DEPARTMENT OF PUBLIC WORKS

PLAN FOR RIGHT OF WAY ACQUISITION FOR:

McKNIGHT ROAD

BETWEEN: INTERSECTION OF LARPEN TEUR
AVE. AND 415' NORTH OF THE
INTERSECTION OF LARPEN TEUR
AVE.

FROM: A POINT 50.0' NORTH OF SOUTHWEST
CORNER OF SECTION 13 TOWNSHIP 29
RANGE 22

TO: A POINT 415.0' NORTH OF SOUTHWEST
CORNER OF SECTION 13 TOWNSHIP 29
RANGE 22

S.A.P. NO. 62-668-28
ROAD ACCOUNT NO. 47358

INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	TYPICAL SECTION
3	PLAN AND PROFILE
4	FOR INFORMATION ONLY

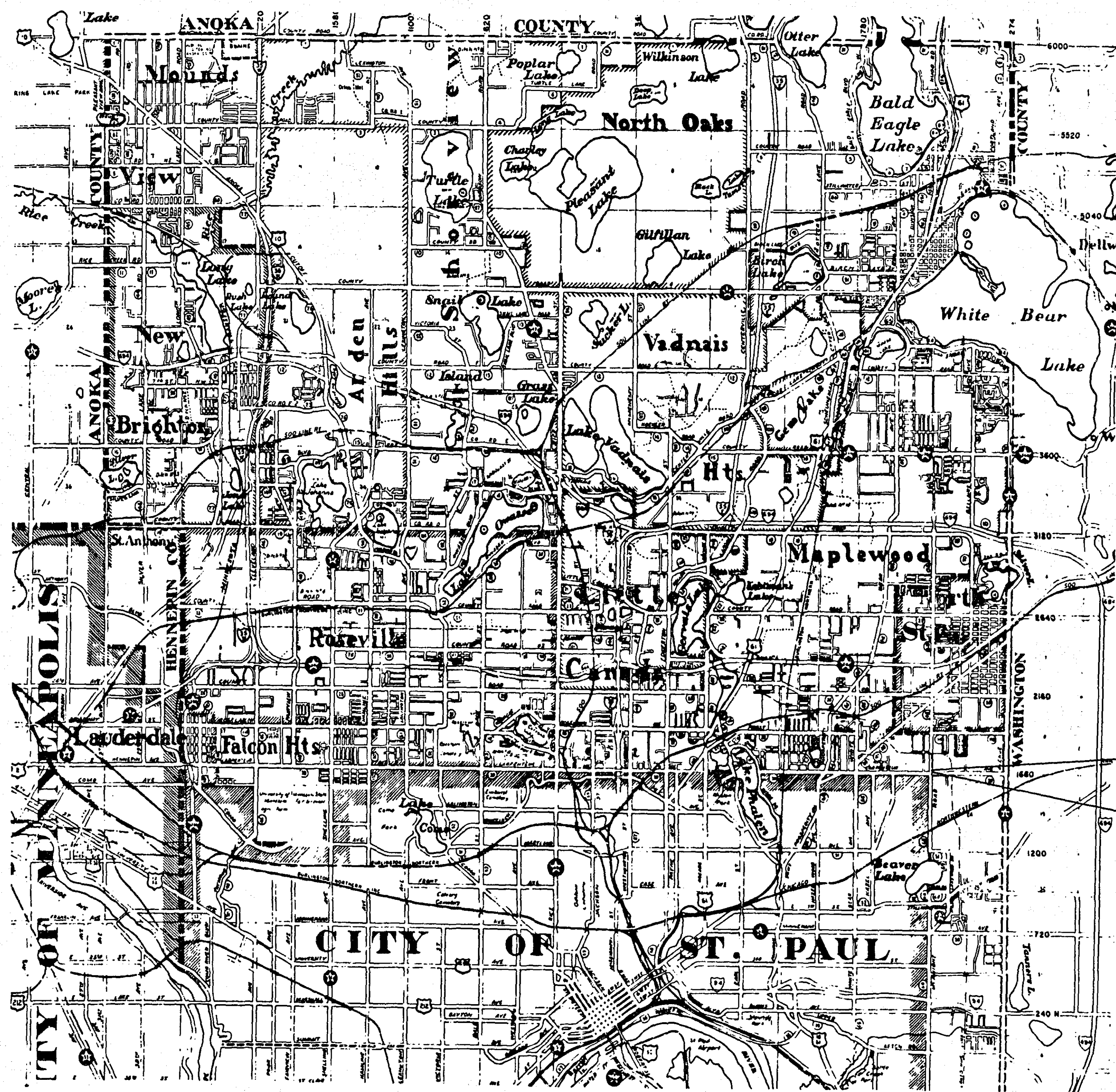
END S.A.P. 62-668-28
STA. 6+46.46
BEGIN S.A.P. 62-668-28
STA. 2+31.46

DESIGN SQUAD B.S. DATE 3/9/87
DRAWN BY DEM DATE 3/9/87
CHECKED BY DRR DATE 3/9/87

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 3-2-87 REG NO. 8271 ENGR. Joseph A. Perutka

RECOMMENDED FOR APPROVAL <u>DES</u> DATE <u>3/11/87</u>	RECOMMENDED FOR APPROVAL <u>Handwritten</u> DATE <u>3-18-87</u>
RECOMMENDED FOR APPROVAL <u>ENR</u> DATE <u>3/2/87</u>	APPROVED <u>Handwritten</u> DATE <u>4/2/87</u>
RECOMMENDED FOR APPROVAL <u>DRR</u> DATE <u>3-9-87</u>	CHAIR OF THE RAMSEY COUNTY BOARD
RECOMMENDED FOR APPROVAL <u>RRP</u> DATE <u>3-5-87</u>	APPROVED <u>Handwritten</u> DATE <u>3-30-87</u>
RECOMMENDED FOR APPROVAL <u>RRP</u> DATE <u>3-2-87</u>	CITY OF MAPLEWOOD
RECOMMENDED FOR APPROVAL <u>RRP</u> DATE <u>3-2-87</u>	APPROVED <u>Handwritten</u> DATE <u>4/8/87</u>
RECOMMENDED FOR APPROVAL <u>RRP</u> DATE <u>3-2-87</u>	MINNESOTA DEPARTMENT OF TRANSPORTATION
APPROVED <u>Handwritten</u> DATE <u>3-12-87</u>	RECOMMENDED FOR APPROVAL <u>Handwritten</u> DATE <u>4/4/87</u>
	STATE PLANS ENGINEER
	RECOMMENDED FOR APPROVAL <u>Handwritten</u> DATE <u>4/30/87</u>
	DISTRICT STATE AID ENGINEER
	APPROVAL <u>Handwritten</u> DATE <u>4/4/87</u>
	STATE AID ENGINEER

PLAN REVISIONS		
DATE	SHEET NO.	BY



DESIGN DESIGNATION

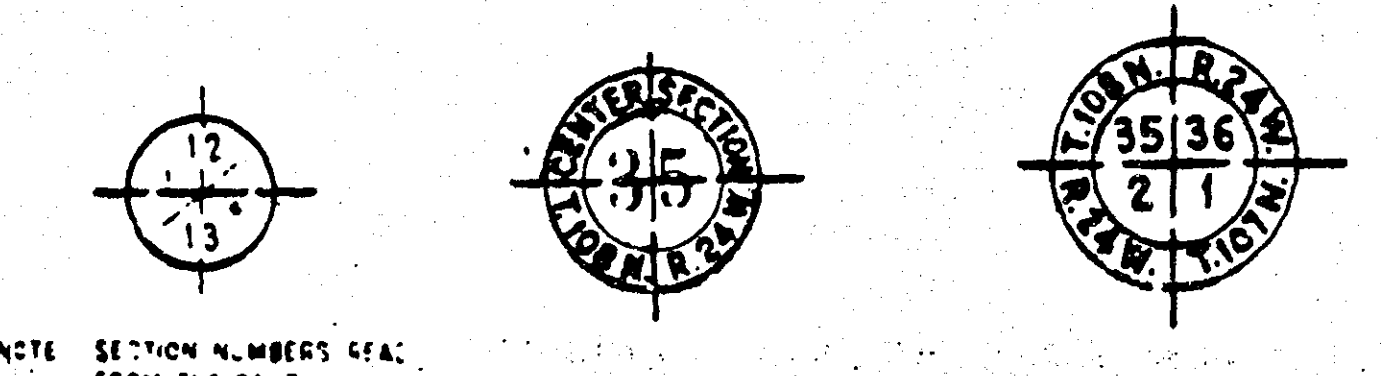
LARPEN TEUR AVE.
TO
SEVENTH AVE.

ADT (CURRENT) 1987	7,100
ADT (FUTURE) 2007	9,900
Z N18 20 YEAR	1,800,000
DESIGN LOAD	9 TON
STABILOMETER "R" VALUE	22
DESIGN SPEED	40 M.P.H. *
% TRUCKS	5

* BASED ON STOPPING SIGHT DISTANCE :
HEIGHT OF EYE -3.5' HEIGHT OF OBJECT-0.5'

PLANS SYMBOLS	
STATE LINE	SPRINGS
COUNTY LINE	MARSH
TOWNSHIP OR RANGE LINE	TIMBER
SECTION LINE	ORCHARD
QUARTER LINE	BRUSH
SIXTEENTH LINE	(TIMBER)
RIGHT-OF-WAY LINE	NURSERY
PRESENT RIGHT-OF-WAY LINE	CATCH BASIN
CONTROL OF ACCESS LINE	FIRE HYDRANT
PROPERTY LINE (EXCEPT LAND LINGS)	CATTLE GUARD
VACATED PLATTED PROPERTY	OVERPASS (Highway Over)
CORPORATE OR CITY LIMITS	UNDERPASS (Highway Under)
TRUNK HIGHWAY CENTER LINE	BRIDGE
RETAINING WALL	BUILDING (One Story Frame)
RAILROAD	F FRAME C-CONCRETE
RAILROAD RIGHT-OF-WAY LINE	S STONE T-TILE
RIVER OR CREEK	B-BRICK ST-STUCCO
DRY RUN	IRON PIPE OR ROD
DRAINAGE DITCH	MONUMENT (STONE, CONCRETE, OR METAL)
DRAIN TILE	WOODEN HUB
CULVERT	GRAVEL PIT
GUARD RAIL	SAND PIT
BARBED WIRE FENCE	BORROW PIT
WOVEN WIRE FENCE	ROCK QUARRY
CHAIN LINK FENCE	
RAILROAD SNOW FENCE	
STONE WALL OR FENCE	
HEDGE	
RAILROAD CROSSING SIGN	
ELECTRIC WARNING SIGN	
CROSSING GATE	
MEANDER CORNER	
SLOPE EASEMENT (CONST. LIM/179)	

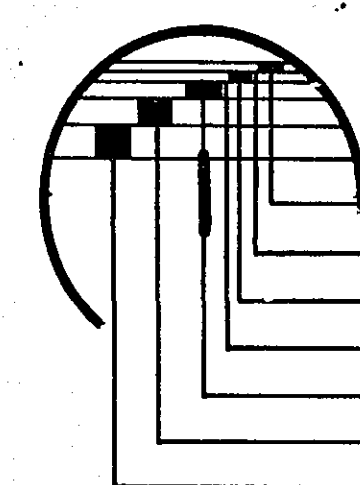
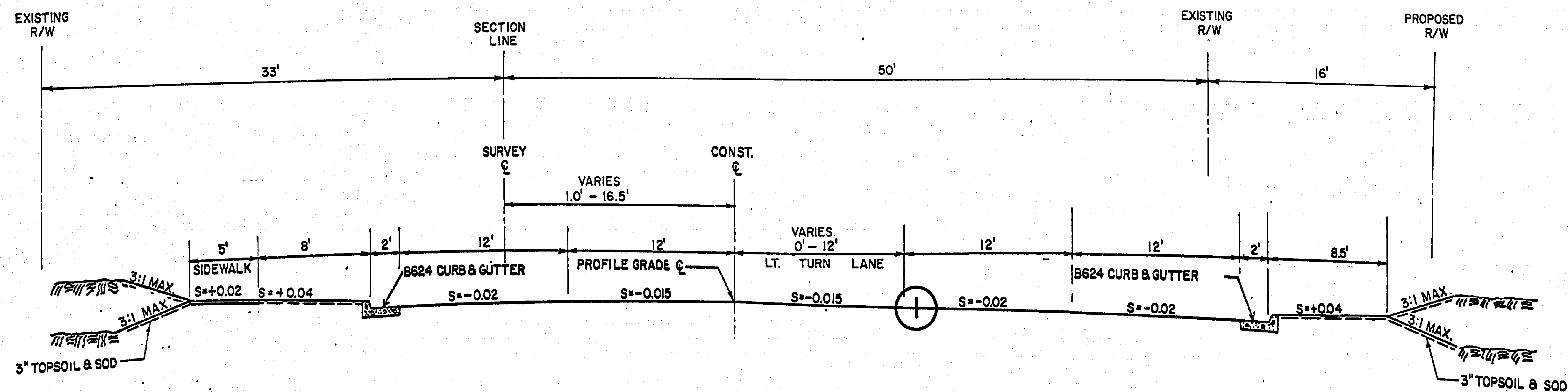
UTILITIES SYMBOLS	
POWER POLE LINE	CONDUIT
TELEPHONE OR TELEGRAPH POLE LINE	TELEPHONE CABLE IN CONDUIT
JOINT TELEPHONE AND POWER ON POWER POLES	ELECTRIC CABLE IN CONDUIT
ANCHOR	TELEPHONE HANDHOLE
STEEL TOWER	ELECTRIC HANDHOLE
STREET LIGHT	BURIED TELEPHONE CABLE
REINFORCED TELEPHONE CABLE TENDON	BURIED ELECTRIC CABLE
GAS MAIN	AERIAL TELEPHONE CABLE
WATER MAIN	SEWER, ISANTARY OR STORM
	SEWER HANDHOLE



PIT DATA

PIT NO. _____ Located in _____
Dead Haul
PIT NO. _____ Located in _____
Dead Haul

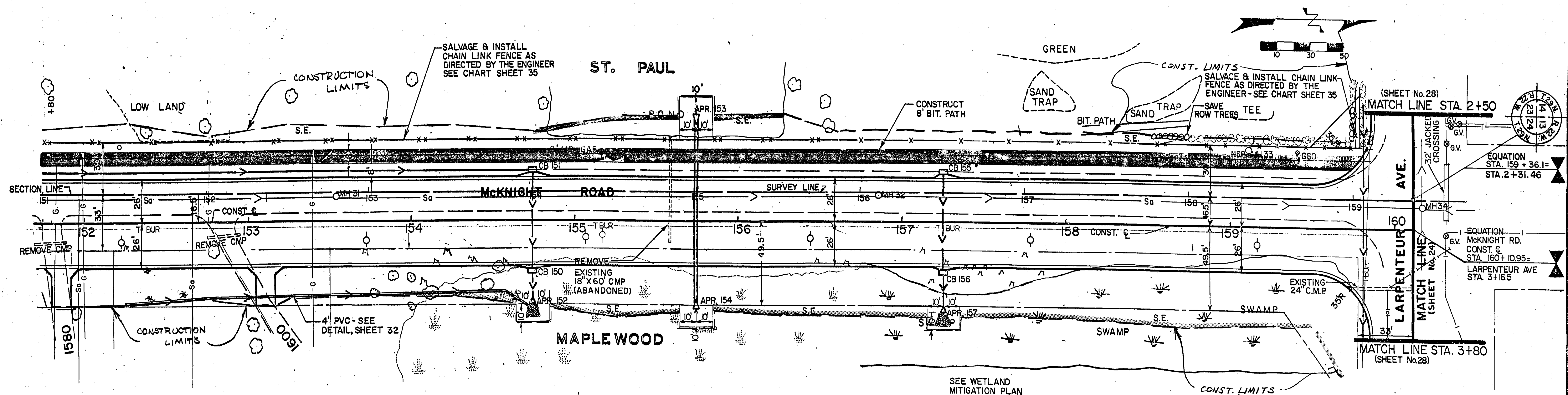
THE 1983 EDITION OF THE MINNESOTA DEPARTMENT
OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR
CONSTRUCTION" SHALL GOVERN.



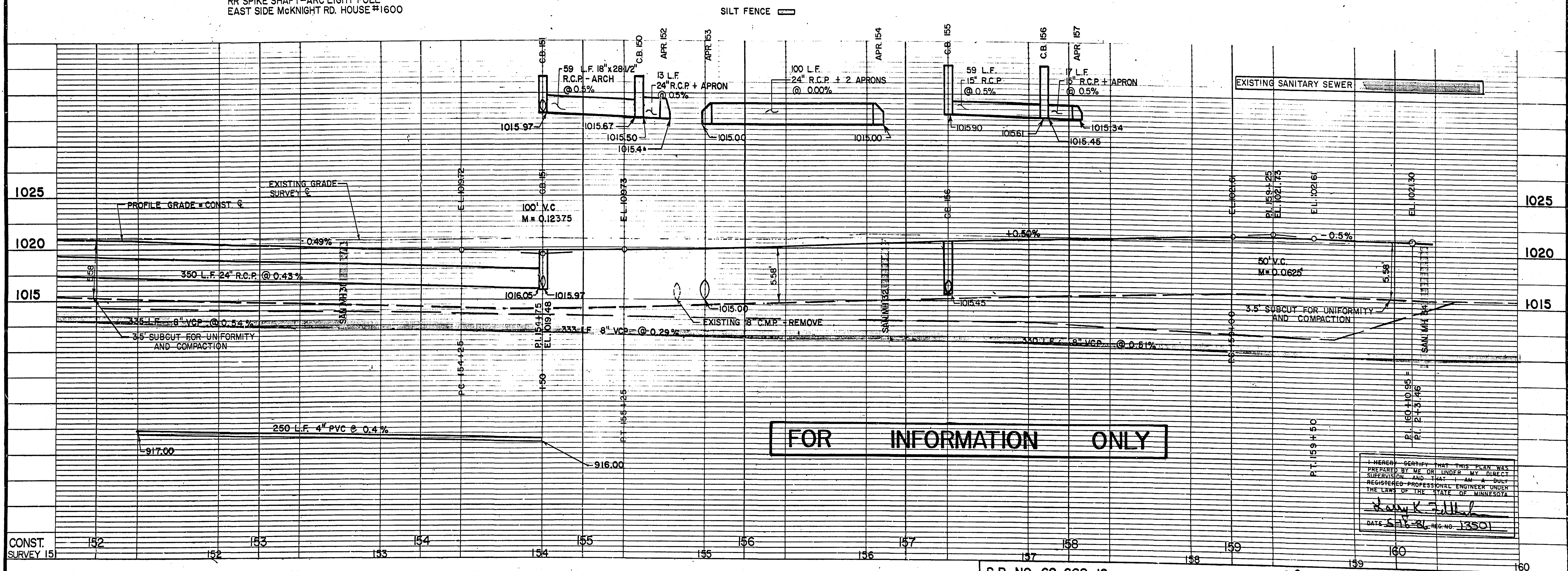
- 1" PLANT MIXED BITUMINOUS SURFACE, SPEC. 2361 WEAR (MOD.)
- TACK COAT, SPEC. 2357
- 1 1/2" PLANT MIXED BITUMINOUS SURFACE, SPEC. 2331 BINDER (MOD.)
- TACK COAT, SPEC. 2357
- 4 1/2" PLANT MIXED BITUMINOUS SURFACE, SPEC. 2331 BASE (MOD.)
- 6" AGGREGATE BASE, CLASS 6
- 12" AGGREGATE BASE, CLASS 3 OR 4 WITH MIN. 6" CL. 4

McKNIGHT ROAD - TYPICAL SECTION

TOPOGRAPHY	PLOTTED BY	DATE	CHECKED BY	DATE
UTILITIES	PLOTTED BY	DATE	CHECKED BY	DATE
PROFILE	PLOTTED BY	DATE	CHECKED BY	DATE



B.M. #16 ELEV. 1020.74
RR SPIKE SHAFT-ARC LIGHT POLE
EAST SIDE McKNIGHT RD. HOUSE #1600



S.P. NO. 62-668-18

28-105 Sheet No. 4 of 4 Sheets