

PLANS SYMBOLS

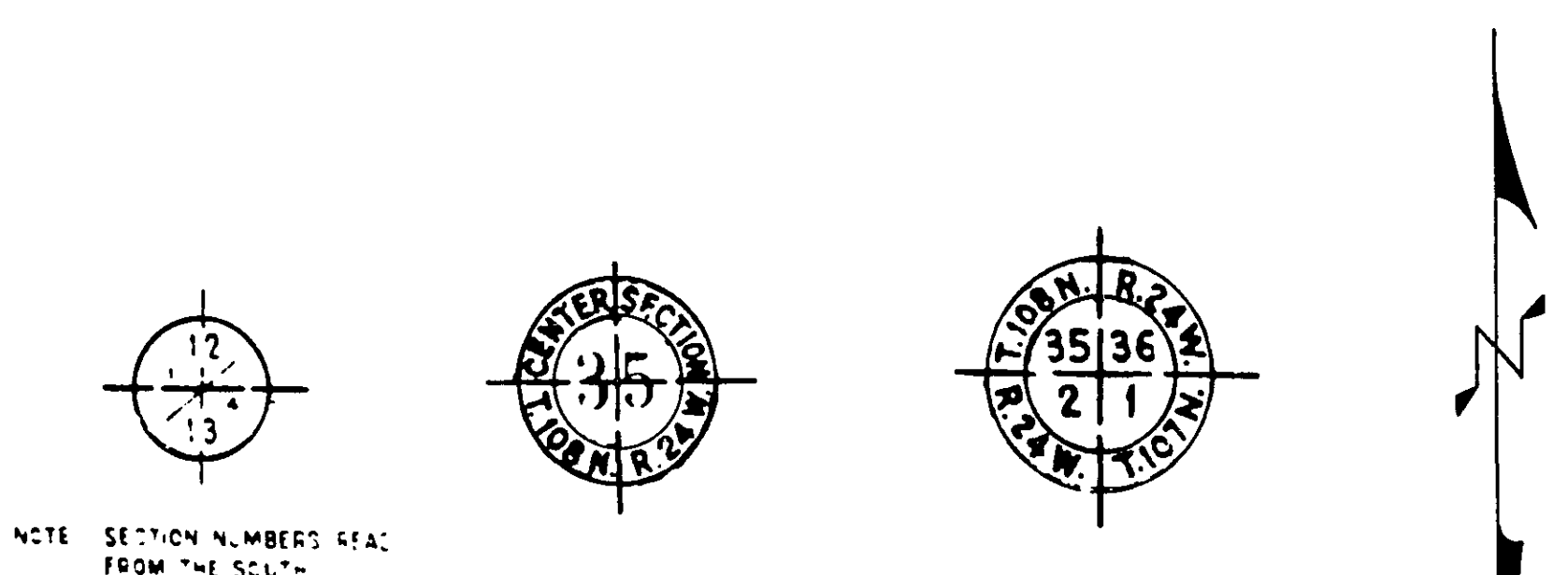
STATE LINE	----
COUNTY LINE	----
TOWNSHIP OR RANGE LINE	----
SECTION LINE	----
QUARTER LINE	----
SIXTEENTH LINE	----
RIGHT OF WAY LINE	----
PRESENT RIGHT OF WAY LINE	----
CONTROL OF ACCESS LINE	----
PROPERTY LINE (Except Land Lines)	----
VACATED PLATTED PROPERTY	----
CORPORATE OR CITY LIMITS	----
TRUNK HIGHWAY CENTER LINE	----
RETAINING WALL	----
RAILROAD	----
RAILROAD RIGHT OF WAY LINE	----
RIVER OR CREEK	----
DRY RUN	----
DRAINAGE DITCH	----
DRAIN TILE	----
CULVERT	----
DROP INLET	----
GUARD RAIL	----
BARBED WIRE FENCE	----
WOVEN WIRE FENCE	----
CHAIN LINK FENCE	----
RAILROAD SNOW FENCE	----
STONE WALL OR FENCE	----
HEDGE	----
RAILROAD CROSSING SIGN	----
RAILROAD CROSSING BELL	----
ELECTRIC WARNING SIGN	----
CROSSING GATE	----
MEANDER CORNER	----

SPRINGS	----
MARSH	----
TIMBER	----
ORCHARD	----
BRUSH	----
NURSERY	----
CATCH BASIN	----
FIRE HYDRANT	----
CATTLE GUARD	----
OVERPASS (Highway Over)	----
UNDERPASS (Highway Under)	----
BRIDGE	----
BUILDING (One Story Frame)	----
F FRAME	----
C CONCRETE	----
S STONE	----
T TILE	----
B BRICK	----
ST STUCCO	----
IRON PIPE OR ROD	----
MONUMENT (STONE, CONCRETE, OR METAL)	----
WOODEN HUB	----
GRAVEL PIT	----
SAND PIT	----
BORROW PIT	----
ROCK QUARRY	----

UTILITIES SYMBOLS

POWER POLE LINE	----
TELEPHONE OR TELEGRAPH POLE LINE	----
JOINT TELEPHONE AND POWER ON POWER POLES	----
ON TELEPHONE POLES	----
ANCHOR	----
STEEL TOWER	----
STREET LIGHT	----
PEDESTAL TELEPHONE CABLE TERMINAL	----
GAS MAIN	----
WATER MAIN	----

CONDUIT	----
TELEPHONE CABLE IN CONDUIT	----
ELECTRIC CABLE IN CONDUIT	----
TELEPHONE-MANHOLE	----
ELECTRIC MANHOLE	----
BURIED TELEPHONE CABLE	----
BURIED ELECTRIC CABLE	----
AERIAL TELEPHONE CABLE	----
SEWER (SANITARY OR STORM)	----
SEWER MANHOLE	----



PIT DATA

PIT NO.	Located in
PIT NO.	Located in

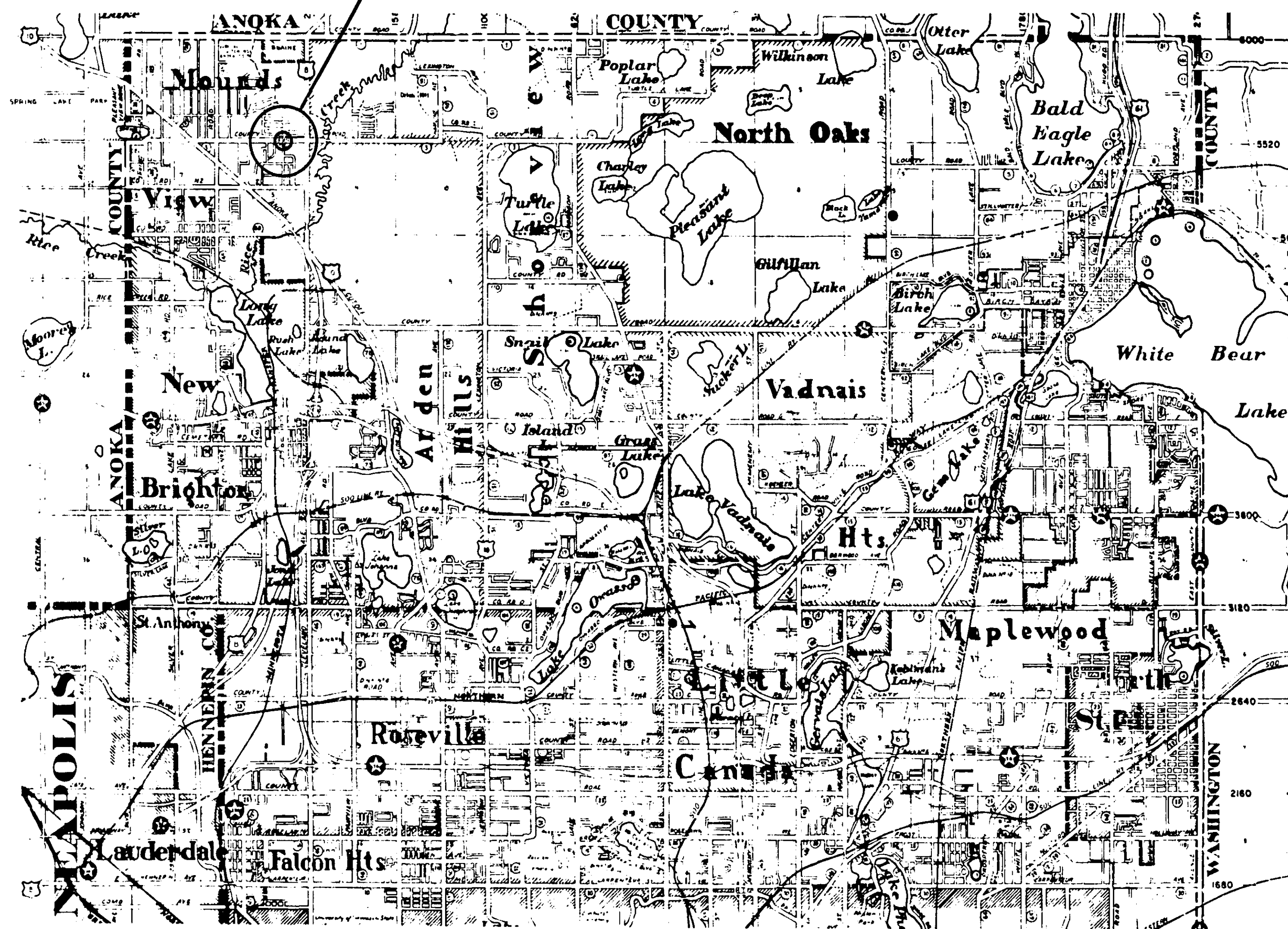
THE "MINNESOTA HIGHWAY DEPARTMENT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION" DATED JANUARY 1, 1972 SHALL GOVERN.

OFFICE OF COUNTY ENGINEER RAMSEY COUNTY

PLAN OF TRAFFIC CONTROL SYSTEM FOR THE INTERSECTION OF

COUNTY RD. "I" & QUINCY ST

COUNTY RD. "I" & QUINCY ST.
CO. PROJ. NO. 3-S



CITY OF ST. PAUL

INDEX

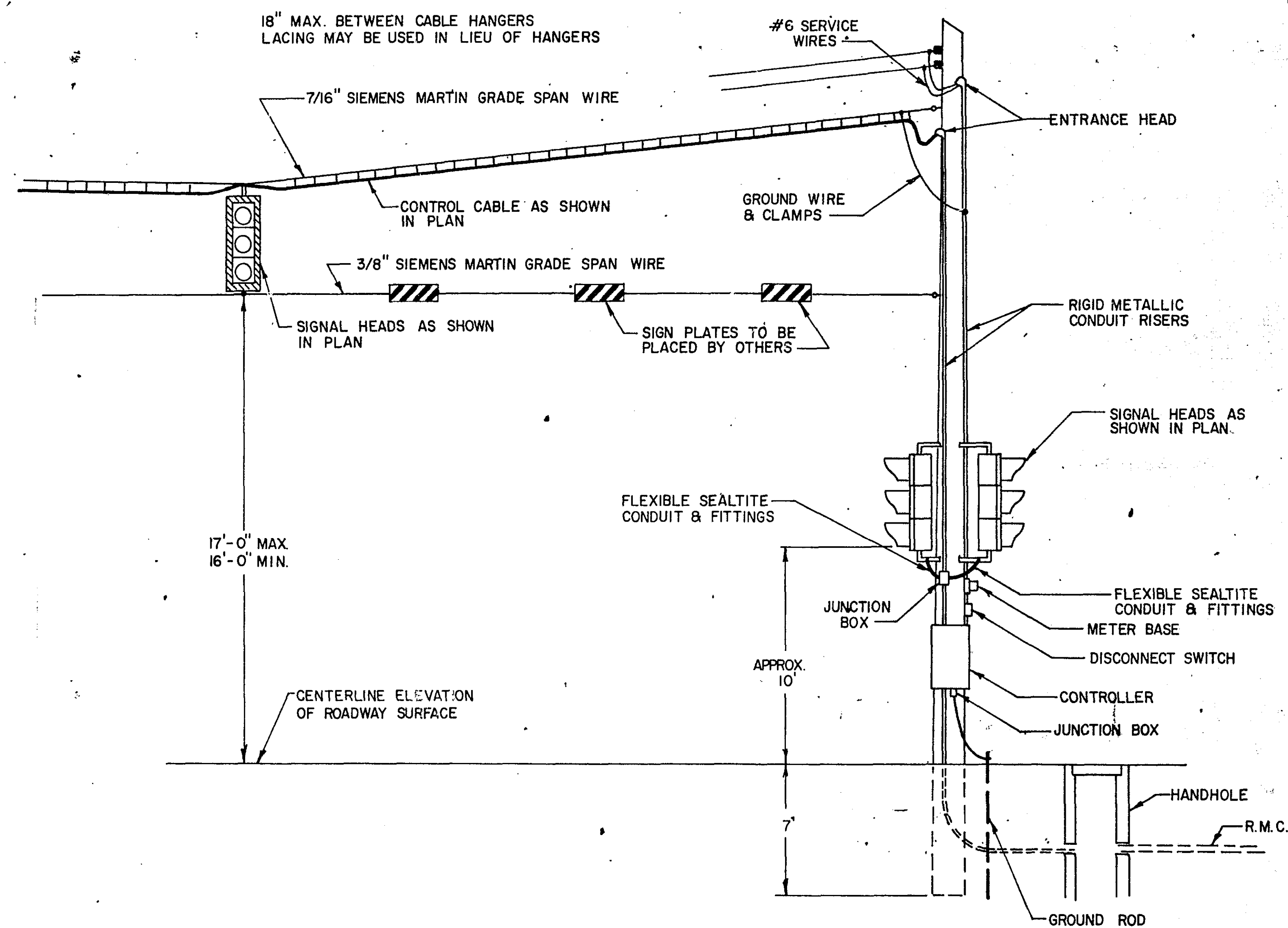
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	DETAILS
3	INTERSECTION LAYOUT
4	FIELD WIRING DIAGRAM

RECOMMENDED FOR APPROVAL	DATE 7/31/73
RECOMMENDED FOR APPROVAL	DATE 7/31/73
RECOMMENDED FOR APPROVAL	DATE 7/31/73
RECOMMENDED FOR APPROVAL	DATE
RECOMMENDED FOR APPROVAL	DATE
APPROVED	DATE 7/31/73

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.
Date 8/7/73 Reg. No. 5031

DESIGNED	DATE 7/31/73
RECOMMENDED FOR APPROVAL	DATE 7/31/73
APPROVED	DATE 8/24/73
APPROVED	DATE
APPROVED	DATE
MINNESOTA STATE HIGHWAY DEPARTMENT	
RECOMMENDED FOR APPROVAL	DATE
RECOMMENDED FOR APPROVAL	DATE
APPROVAL	DATE

TEMPORARY WOOD POLE TRAFFIC SIGNAL



ABBREVIATIONS

EQUIPMENT & INDICATIONS

RED - RED
 YEL - YELLOW
 GRN - GREEN
 LTA - LEFT TURN ARROW
 THA - THRU ARROW
 RTA - RIGHT TURN ARROW
 TRA - THRU AND RIGHT ARROW
 WLK - WALK
 NEU - NEUTRAL
 DWK - DON'T WALK
 SW - SWITCH
 SWD - SWITCHED
 LUM - LUMINAIRE
 PA1(eg) - PEDESTRIAN INDICATION - "A" PHASE
 PBB2(eg) - PUSH BUTTON - "B" PHASE
 C3(eg) - SIGNAL HEAD - "C" PHASE
 DA4(eg) - DETECTOR - "A" PHASE
 H.H. - HANDHOLE
 G.R. - GROUND ROD
 SERV - SERVICE

DNL - DOWNLIGHT
 P.E.C. - PHOTOELECTRIC CELL
 ST LHT - STREET LIGHT
 CH - CHECK
 S.O.P. - SOURCE OF POWER
 E.Q.G. - EQUIPMENT GROUND
 SPR - SPARE CONDUCTOR

COLOR CODING OF CONDUCTORS

R - RED
 O - ORANGE
 BL - BLUE
 WH - WHITE
 R/BLK - RED WITH BLACK TRACER
 O/BLK - ORANGE WITH BLACK TRACER
 BL/BLK - BLUE WITH BLACK TRACER
 WH/BLK - WHITE WITH BLACK TRACER
 BLK - BLACK
 BLK/WH - BLACK WITH WHITE TRACER
 G/BLK - GREEN WITH BLACK TRACER
 G - GREEN

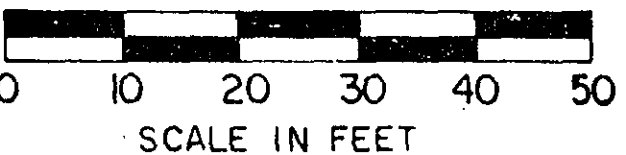
STANDARD PLATES *

PLATE NO.	DESCRIPTION
8115B	PEDESTRIAN PUSH BUTTON INSTALLATION
8117E	PRECAST CONCRETE HANDHOLE (OR PULLBOX)
8118B	SERVICE EQUIPMENT & POLE
8130B	SAW CUT LOOP DETECTORS

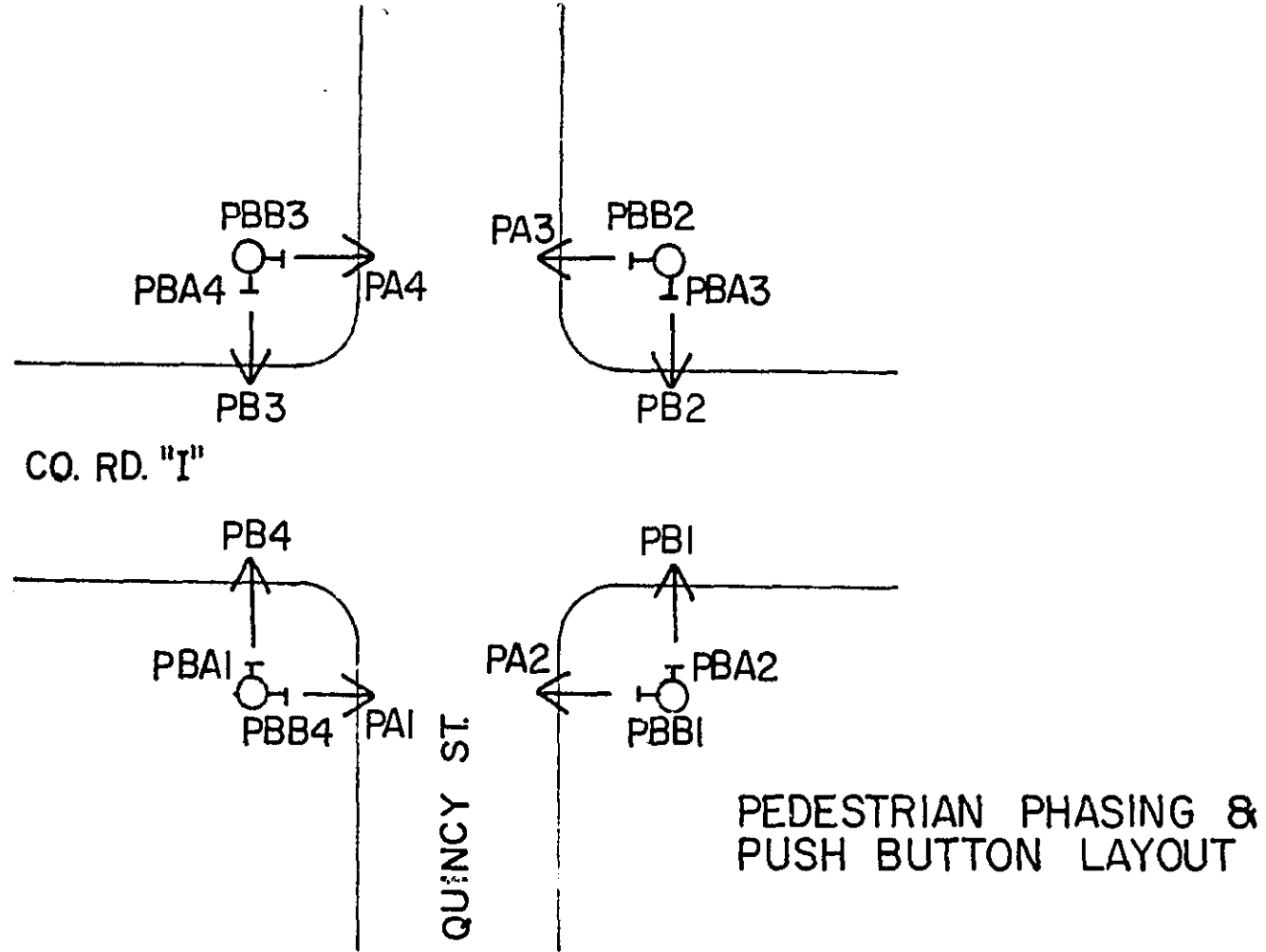
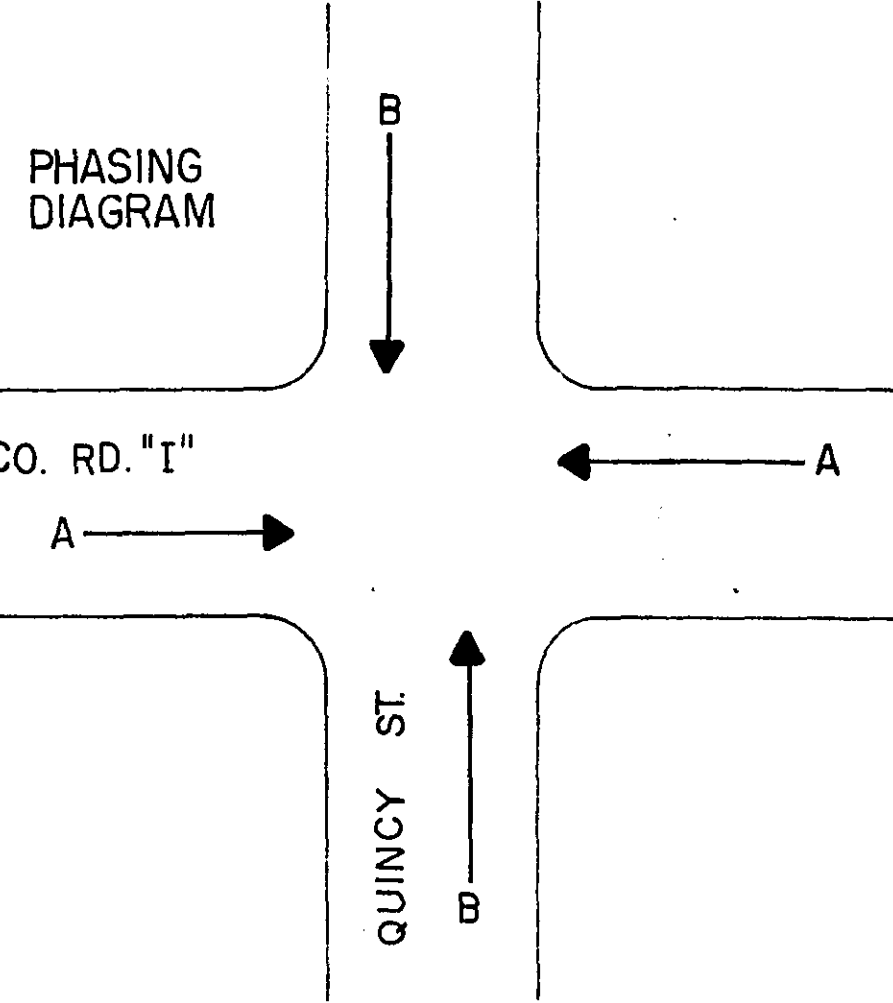
* STATE OF MINNESOTA, DEPT. OF HIGHWAYS
 STANDARD PLATES MANUAL 5-296

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.

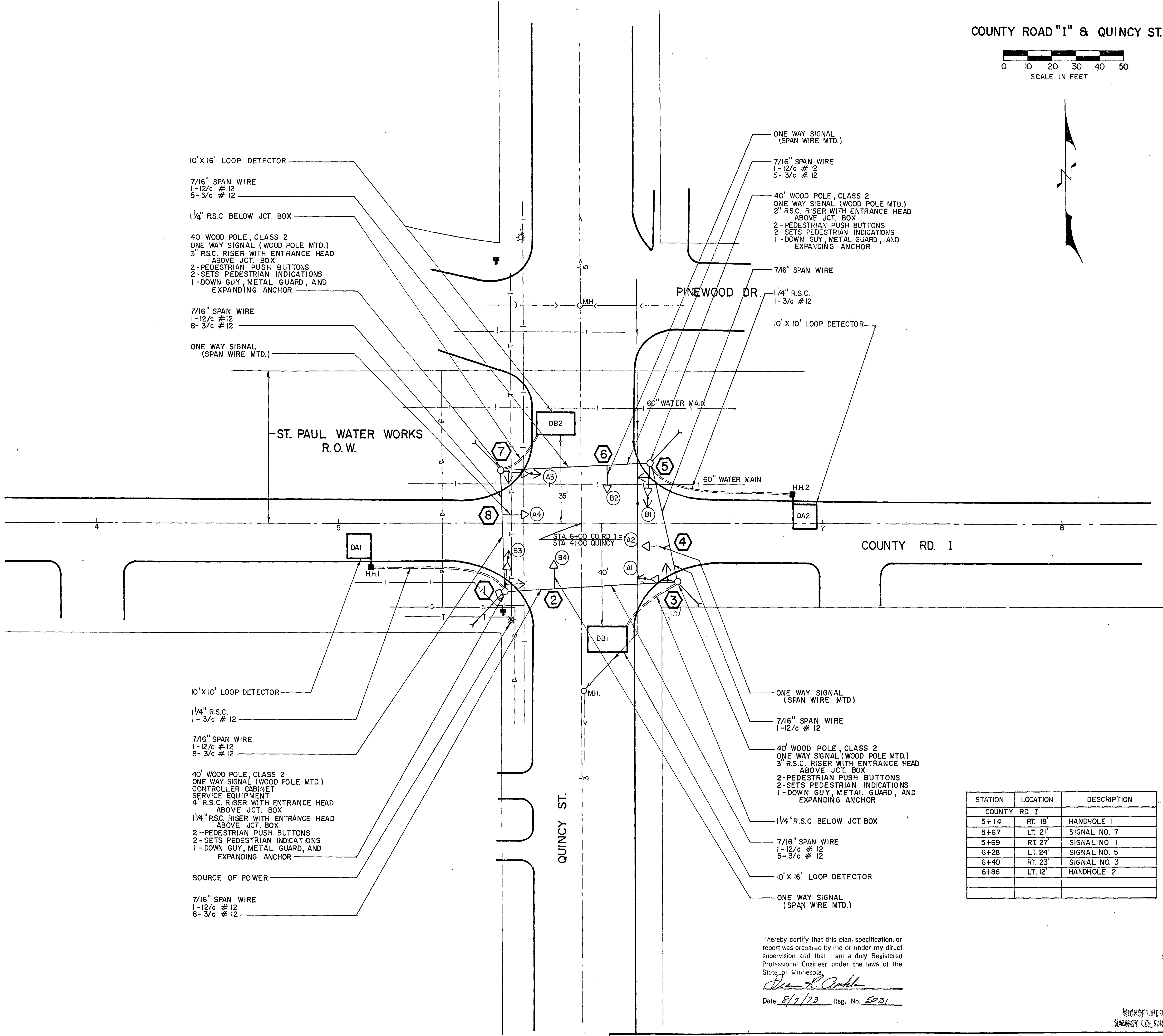
Dean L. Anderson
 Date 8/7/73 Reg. No. 5031



LEGEND OF SYMBOLS	
[Symbol]	CONTROLLER
[Symbol]	HANDHOLE (PULLBOX)
[Symbol]	RIGID STEEL CONDUIT (R.S.C.)
[Symbol]	SIGNAL FACE
[Symbol]	SIGNAL FACE WITH BACKGROUND SHIELD
[Symbol]	WOOD POLE
[Symbol]	PEDESTRIAN INDICATION
[Symbol]	SOURCE OF POWER (S.O.P.)



FACE	PHASE	FLASH	INDICATION SIZE					
			R	Y	G	←	↑	→
A1	A	R	12"	12"	12"	-	-	-
A2	A	R	12"	12"	12"	-	-	-
A3	A	R	12"	12"	12"	-	-	-
A4	A	R	12"	12"	12"	-	-	-
B1	B	R	12"	12"	12"	-	-	-
B2	B	R	12"	12"	12"	-	-	-
B3	B	R	12"	12"	12"	-	-	-
B4	B	R	12"	12"	12"	-	-	-



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.
James R. Amel
Date 8/7/73 Reg. No. 5031

STATION	LOCATION	DESCRIPTION
COUNTY RD. I		
5+14	RT. 18'	HANDHOLE 1
5+67	LT. 21'	SIGNAL NO. 7
5+69	RT. 27'	SIGNAL NO. 1
6+28	LT. 24'	SIGNAL NO. 5
6+40	RT. 23'	SIGNAL NO. 3
6+86	LT. 12'	HANDHOLE 2

