

PLANS SYMBOLS

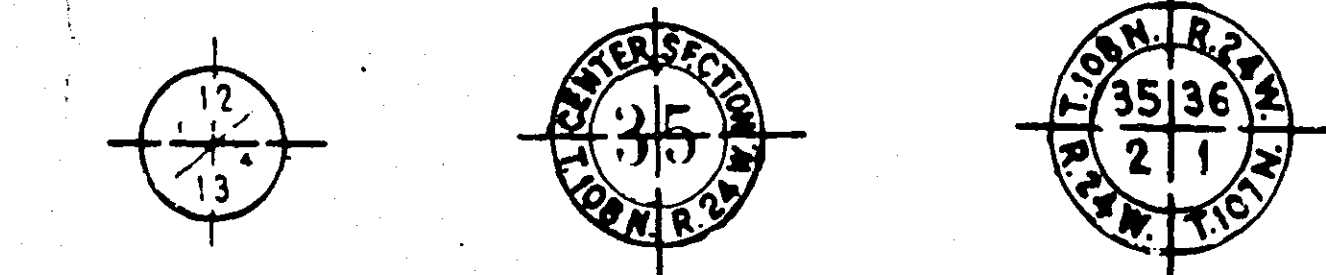
STATE LINE
COUNTY LINE
TOWNSHIP OR RANGE LINE
SECTION LINE
QUARTER LINE
SIXTEENTH LINE
RIGHT OF WAY LINE
PRESENT RIGHT OF WAY LINE
CONTROL OF ACCESS LINE
PROPERTY LINE (Except Land Lines)
VACATED PLATTED PROPERTY
CORPORATE OR CITY LIMITS
TRUNK HIGHWAY CENTER LINE
RETAINING WALL
RAILROAD
RAILROAD RIGHT 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
OR 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



NOTE: SECTION NUMBERS READ FROM THE SOUTH.

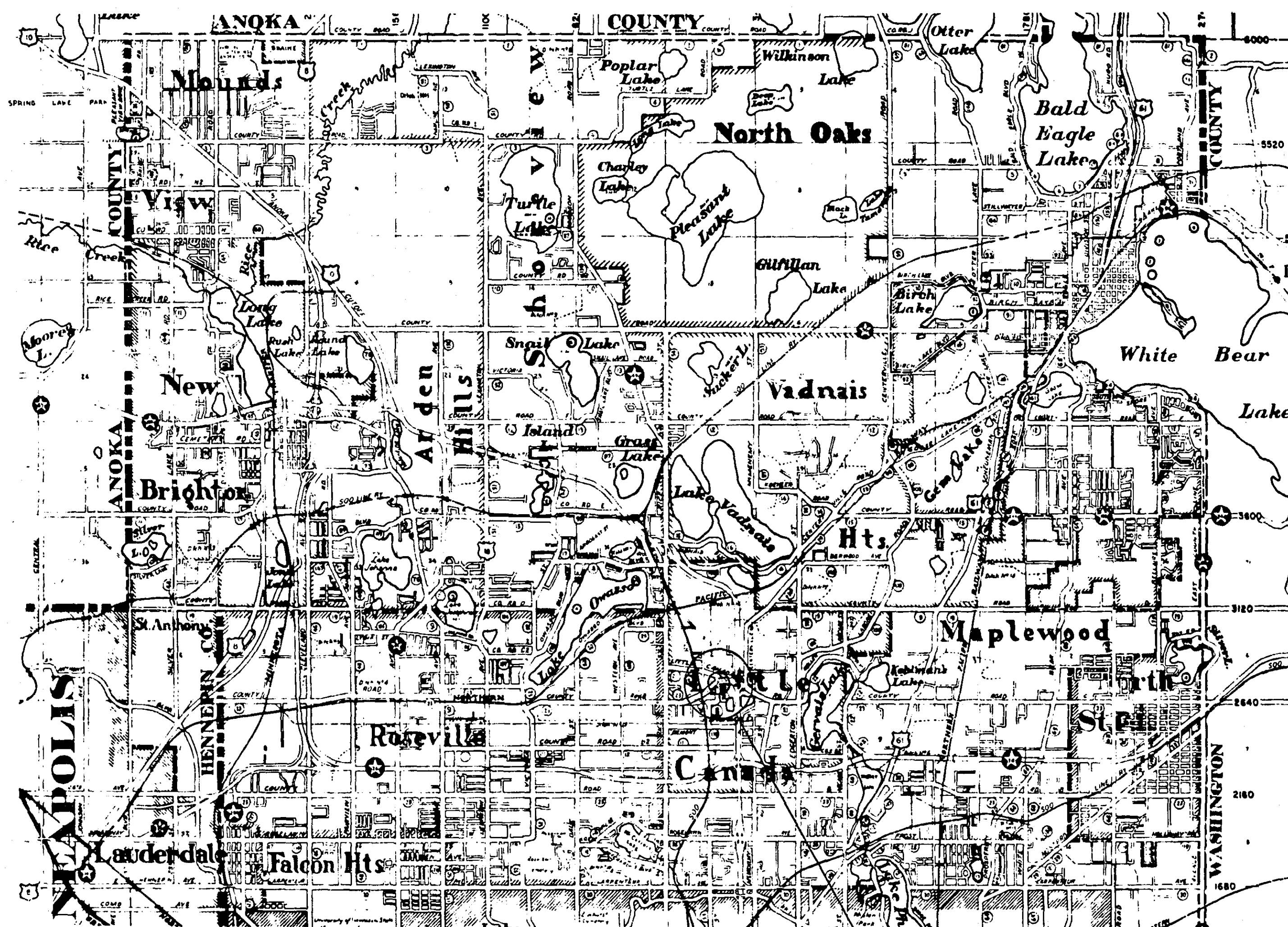
PIT DATA

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

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 ROAD "C" & LITTLE CANADA RD.



CITY OF ST. PAUL

COUNTY RD. "C" & LITTLE CANADA RD.
S.A.P. NO. 62-623-13

INDEX

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

RECOMMENDED FOR APPROVAL *[Signature]* DATE 6/5/73 DESIGNED BY *[Signature]* DATE 6/5/73
DIRECTOR OF SAFETY
RECOMMENDED FOR APPROVAL *[Signature]* DATE 5/14/73 RECOMMENDED FOR APPROVAL *[Signature]* DATE 8/7/73
MAINTENANCE ENGINEER COUNTY ENGINEER
RECOMMENDED FOR APPROVAL *[Signature]* DATE 8/7/73 APPROVED *[Signature]* DATE 8/20/73
CONSTRUCTION ENGINEER CHAIRMAN OF THE RAMSEY COUNTY BOARD
RECOMMENDED FOR APPROVAL DATE APPROVED DATE
MAYOR, VILLAGE OF LITTLE CANADA
RECOMMENDED FOR APPROVAL DATE APPROVED DATE
MINNESOTA STATE HIGHWAY DEPARTMENT
RECOMMENDED FOR APPROVAL DATE
RECOMMENDED FOR APPROVAL DATE
DISTRICT STATE AID ENGINEER
APPROVAL DATE
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.
[Signature]
Date 8/7/73 Reg. No. 5031

Not Built

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
GR 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

STATEMENT OF ESTIMATED QUANTITIES

PROJECT NO.	ITEM NO.	ITEM	UNIT	QUANT.
62 - 623 - 13	2565.501	FULL TRAFFIC ACTUATED TRAFFIC CONTROL SYSTEM	SIGNAL SYSTEM	1

STANDARD PLATES

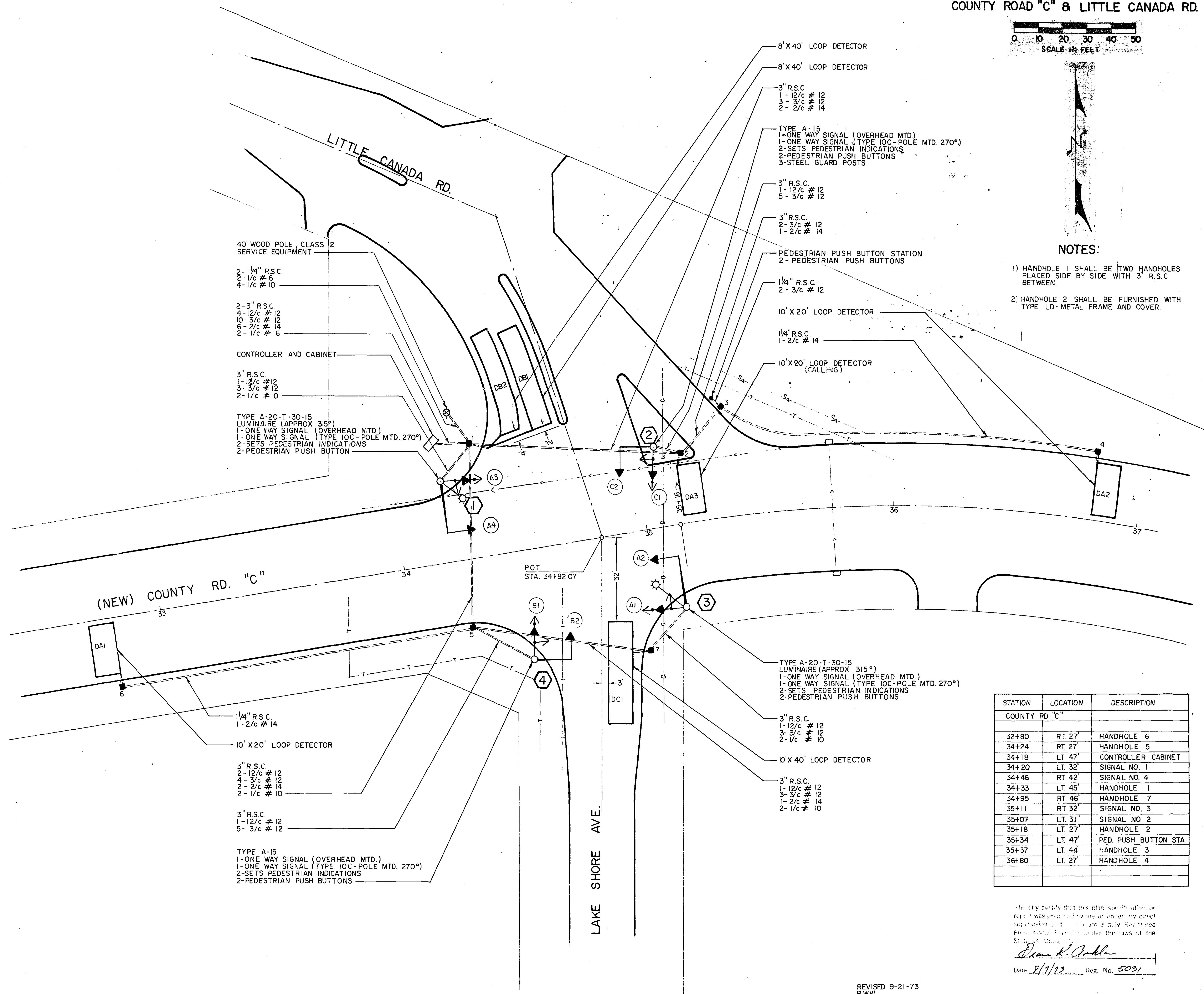
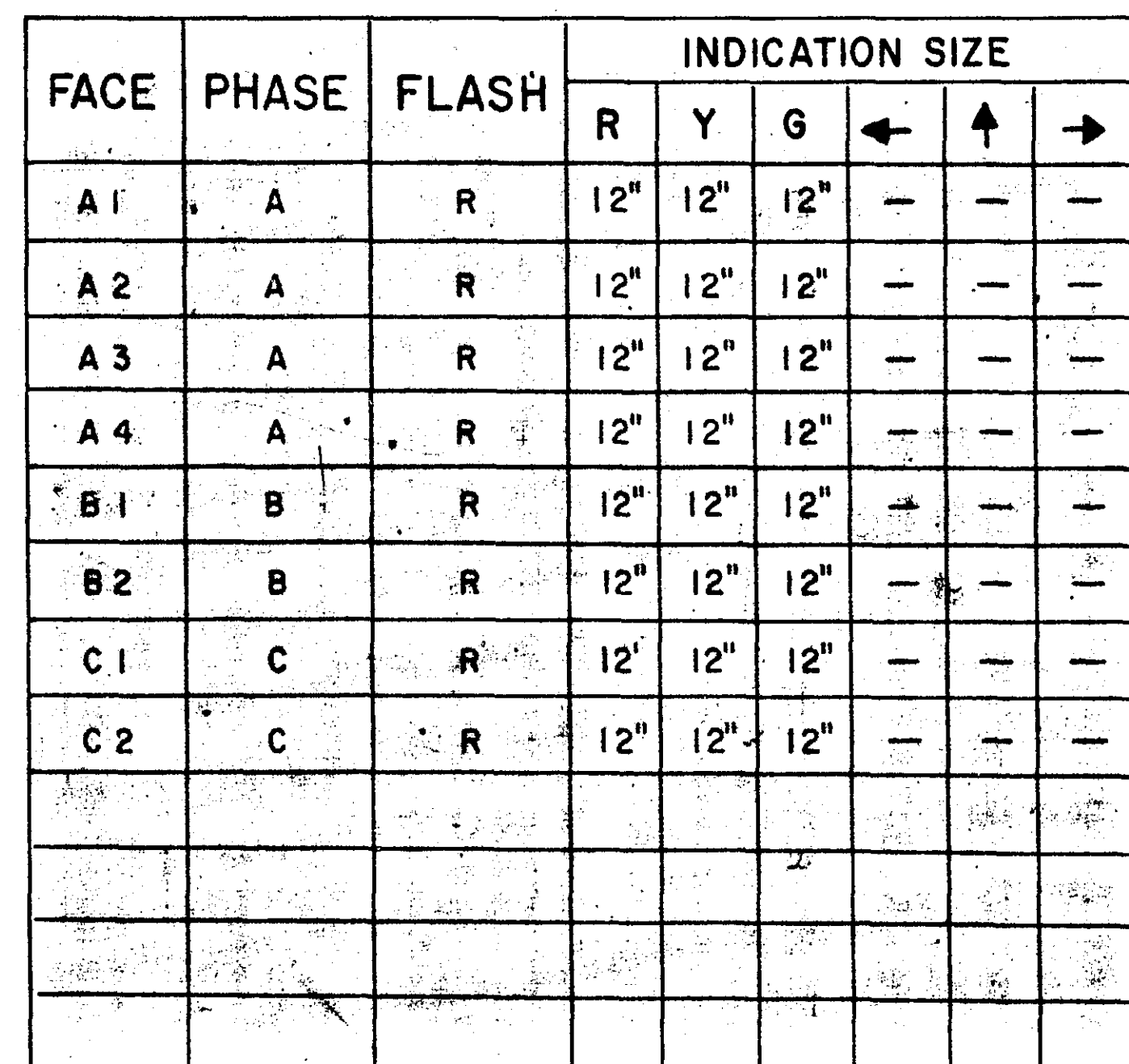
PLATE NO.	TITLE
8110B	TRAFFIC SIGNAL BRACKETING (POLE MOUNTED)
8111A	TRAFFIC SIGNAL BRACKETING (PEDESTAL MOUNTED)
8115B	PEDESTRIAN PUSH BUTTON INSTALLATION
8116C	STEEL GUARD POST
8117E	PRECAST CONCRETE HANDHOLE (OR PULLBOX)
8118B	SERVICE EQUIPMENT AND POLE
8119B	GROUND MOUNTED CABINET FOUNDATION
8123A	POLE AND MAST ARM
8124B	SIGNAL HEAD MOUNTS
8130B	SAW CUT LOOP DETECTORS

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

MICROFILMED
DANGER CO. ENG.

0 10 20 30 40 50
SCALE IN FEET



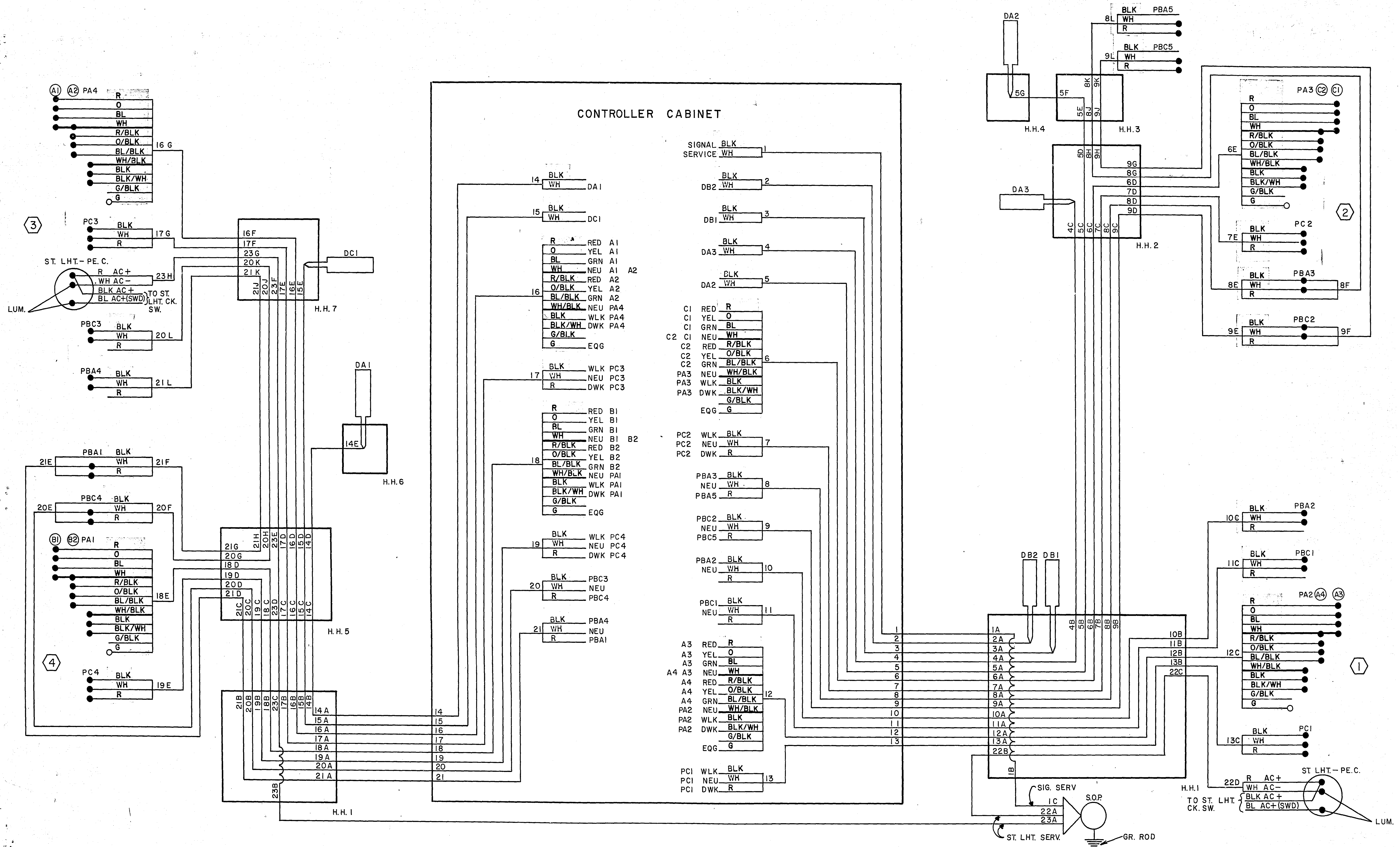
STATION	LOCATION	DESCRIPTION
COUNTY RD "C"		
32+80	RT. 27'	HANDHOLE 6
34+24	RT. 27'	HANDHOLE 5
34+18	LT. 47'	CONTROLLER CABINET
34+20	LT. 32'	SIGNAL NO. 1
34+46	RT. 42'	SIGNAL NO. 4
34+33	LT. 45'	HANDHOLE 1
34+95	RT. 46'	HANDHOLE 7
35+11	RT. 32'	SIGNAL NO. 3
35+07	LT. 31'	SIGNAL NO. 2
35+18	LT. 27'	HANDHOLE 2
35+34	LT. 47'	PED. PUSH BUTTON STA
35+37	LT. 44'	HANDHOLE 3
36+80	LT. 27'	HANDHOLE 4

I hereby certify that this plan specification or report was prepared by me or under my direct supervision and I am a duly Registered Professional Engineer under the laws of the State of Minnesota.

Edward L. Gunkle

Date 8/9/93 Reg. No. 5031

REVISED 9-21-73
R.W.W.



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 R. Ambler

Date 8/1/73 Reg. No. 5031

FIELD WIRING DIAGRAM
COUNTY RD. "C" & LITTLE CANADA RD.