

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
KARSH
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

GROSS LENGTH 1324 FEET= .2508 MILES
BRIDGES-LENGTH FEET= MILES
EXCEPTIONS-LENGTH FEET= MILES
NET LENGTH 1324 FEET= .2508 MILES

PLAN 30
CROSS SECTIONS 10
LAYOUT 5280

OFFICE OF COUNTY ENGINEER

RAMSEY COUNTY

LOWER AFTON RD. BIKEWAY

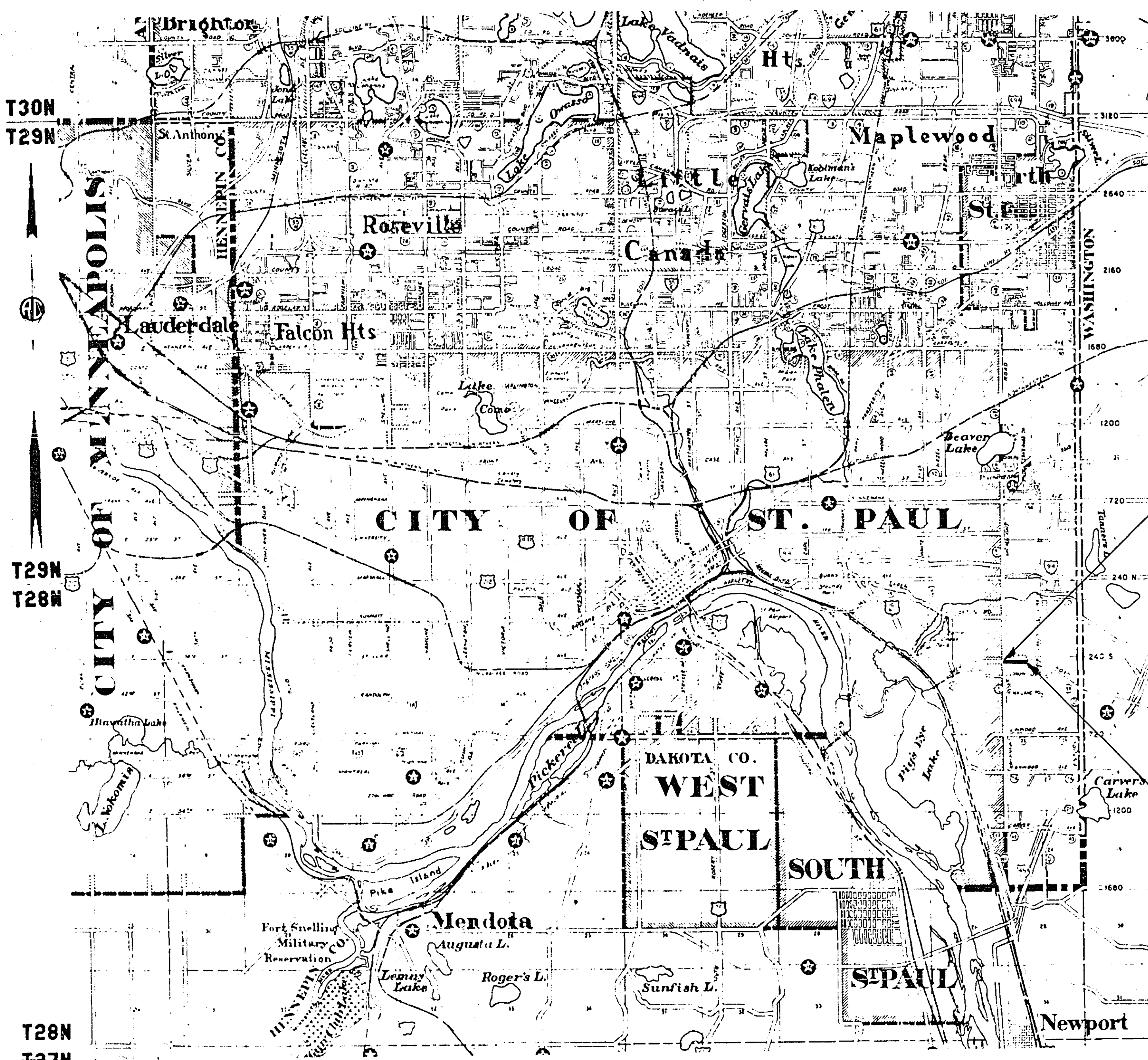
CONSTRUCTION PLAN FOR: BITUMINOUS BIKEWAY
BETWEEN: MCKNIGHT RD. AND 1324' EAST

TRAFFIC VOLUMES

MCKNIGHT RD. TO CENTURY AVE. 3700 ADT 1977

INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	ESTIMATED QUANTITIES & TYPICAL SECTION
3	PLAN SHEET
4-6	CROSS SECTIONS



BEGIN PROJECT
STA 56+00

END PROJECT
STA 69+24

PIT DATA

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

The 1978 Edition of the Minnesota Department of Transportation
"Standard specifications for Highway Construction" shall govern.

RECOMMENDED FOR APPROVAL *PK* DATE 8-17-78
TRAFFIC ENGR
RECOMMENDED FOR APPROVAL *DS* DATE 8-17-78
ENV ENGR
RECOMMENDED FOR APPROVAL *MSX* DATE 8-18-78
MAINT ENGR
RECOMMENDED FOR APPROVAL *QAP* DATE 8-17-78
CONST ENGR
RECOMMENDED FOR APPROVAL *LKF* DATE 8-18-78
DESIGN ENGR
RECOMMENDED FOR APPROVAL *QAP* DATE 8-17-78
ROW ENGR
APPROVED *M. H. Plummer* DATE 8-18-78
COORDINATING ENGR

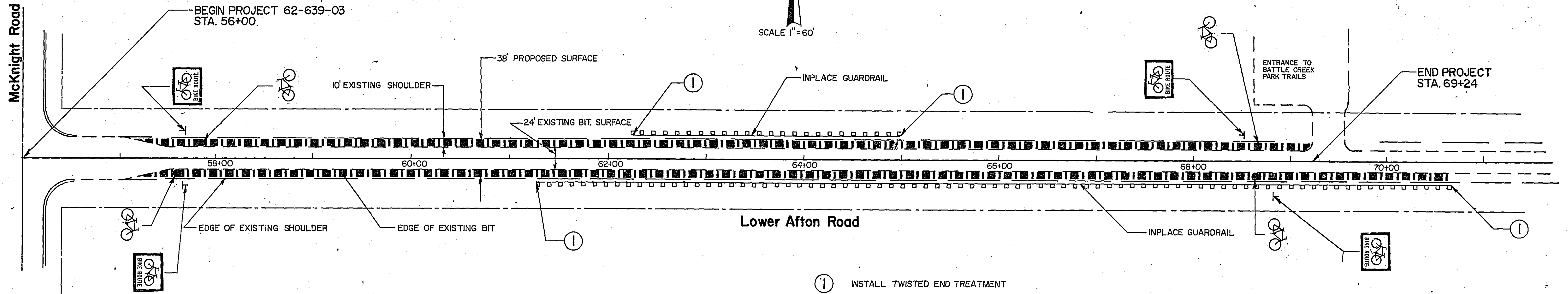
RECOMMENDED FOR APPROVAL *Handwritten Signature* DATE 8-22-78
COUNTY ENGINEER
APPROVED *Handwritten Signature* DATE
CHAIRMAN OF THE RAMSEY COUNTY BOARD
APPROVED DATE
APPROVED DATE

MINNESOTA STATE HIGHWAY DEPARTMENT
RECOMMENDED FOR APPROVAL *Handwritten Signature* DATE 10-10-78
DISTRICT STATE AID ENGINEER
RECOMMENDED FOR APPROVAL *Handwritten Signature* DATE 10/16/78
DISTRICT STATE AID ENGINEER
APPROVAL *Handwritten Signature* DATE 10/17/78
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.
Handwritten Signature
Date 8-17-78 Reg. No. 12703

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

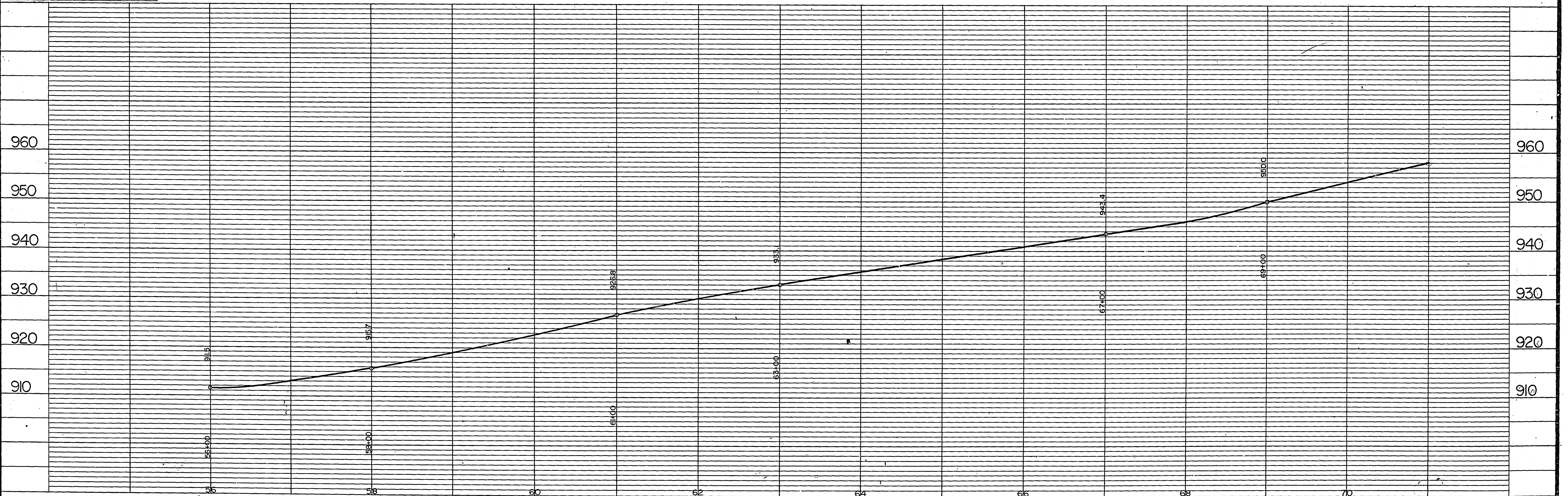
SAINT PAUL



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 R. Schuch

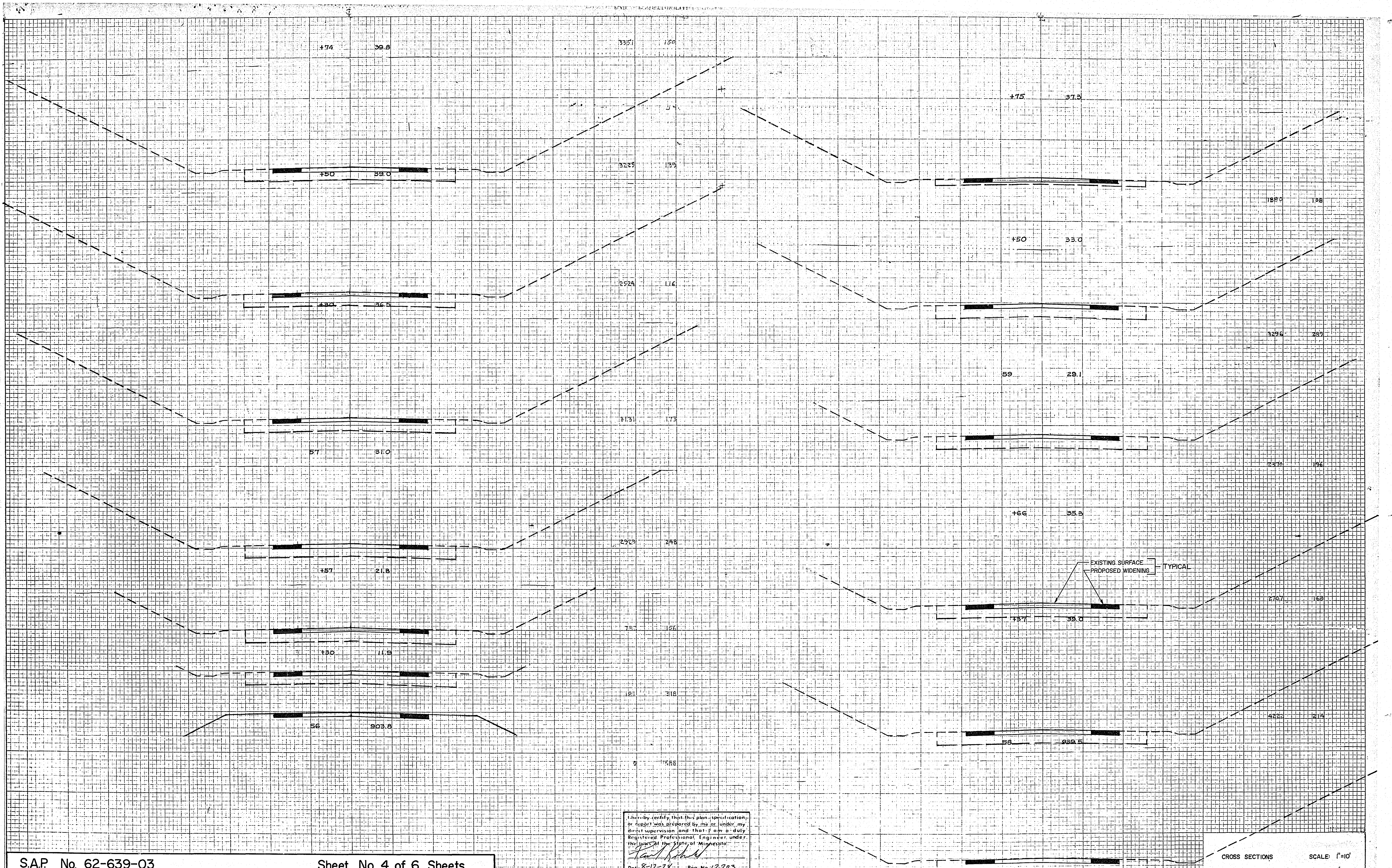
Date 8-17-78 Reg. No. 12703



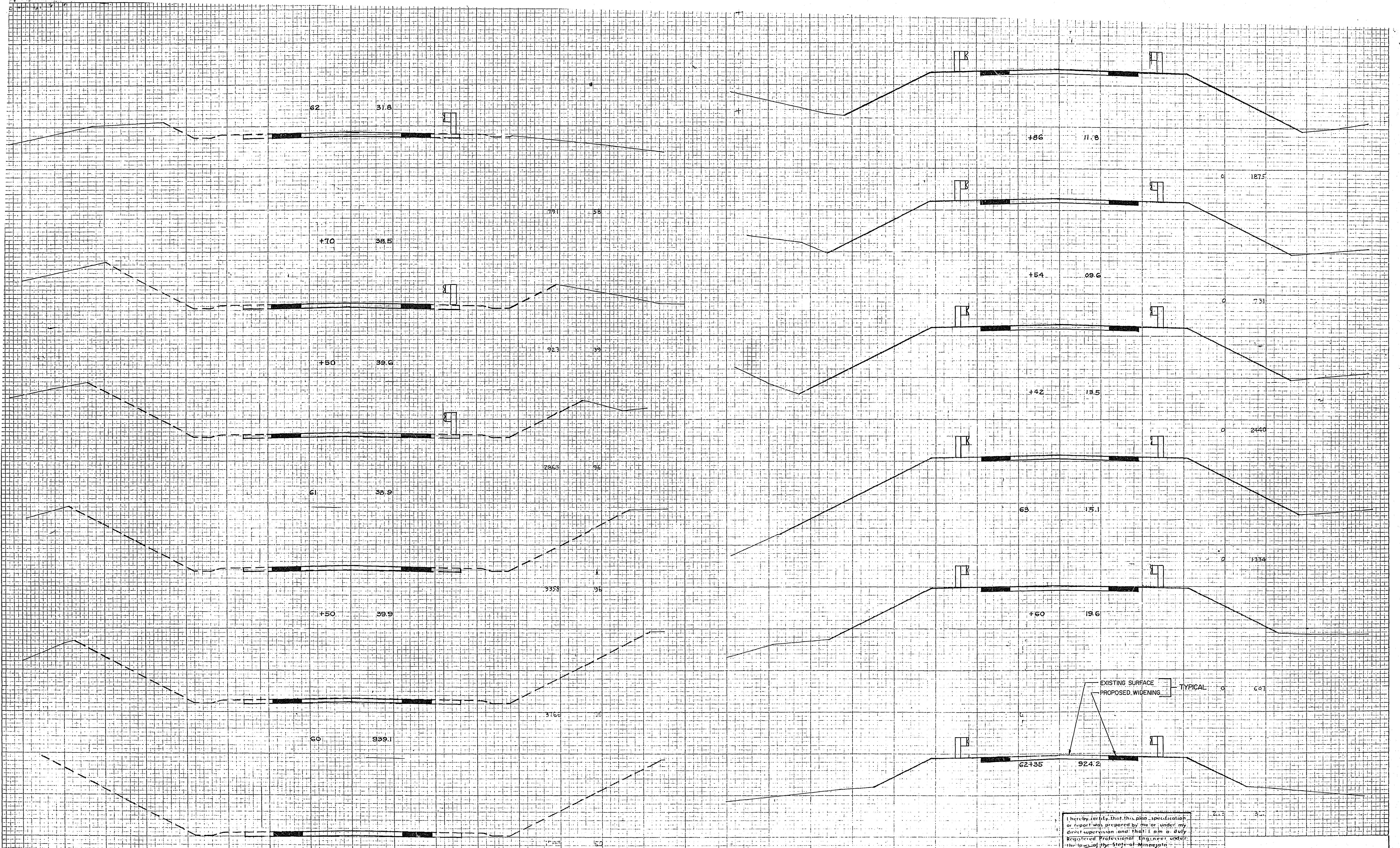
S.A.P. No. 62-639-03

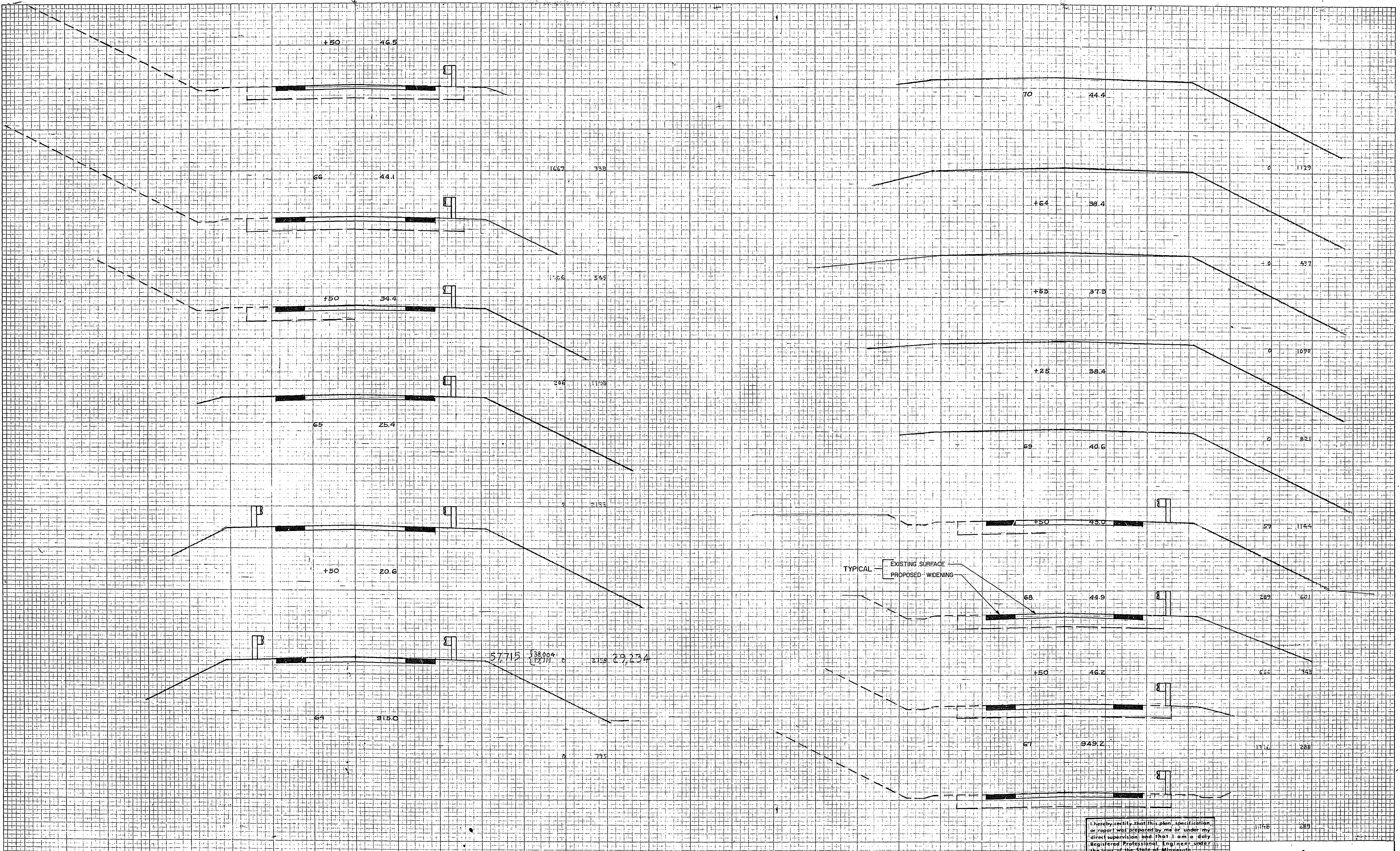
Sheet No. 3 of 6 Sheets

25-117



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: 8-17-74 Reg. No. 12703





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 8-17-78 Reg. No. 62-783