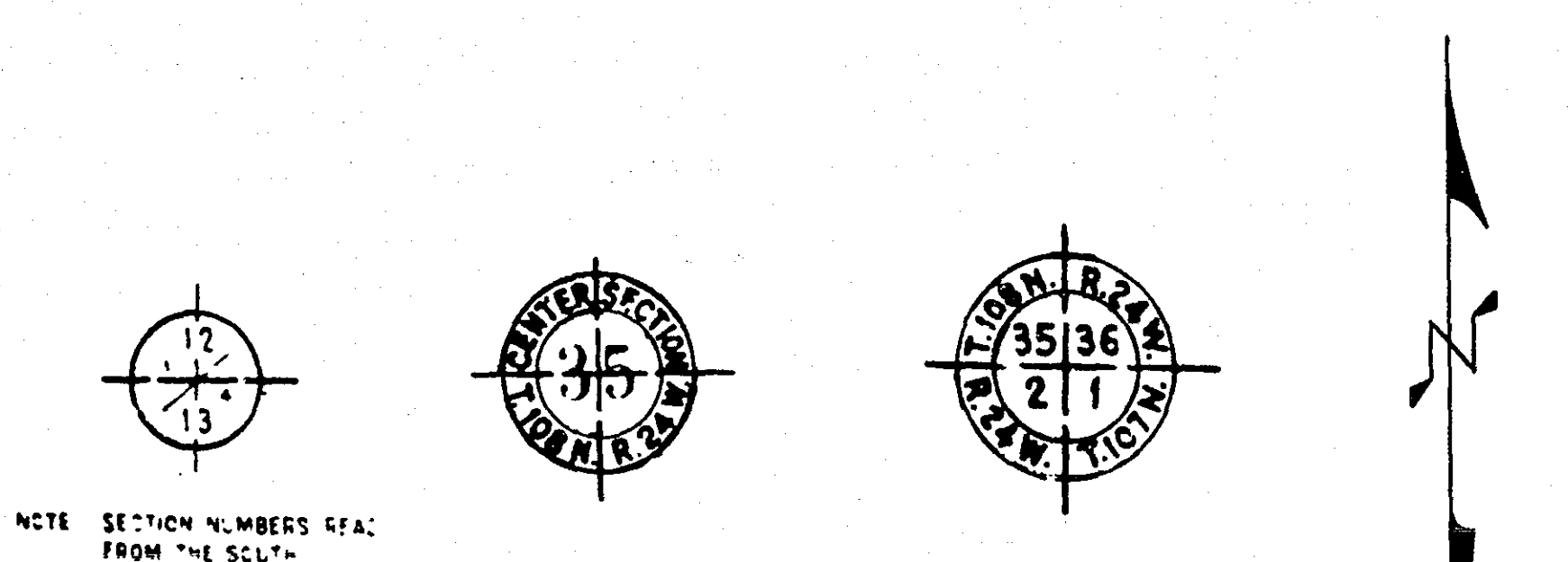


PLANS SYMBOLS

STATE LINE	SPRINGS
COUNTY LINE	MARSH
TOWNSHIP OR RANGE LINE	TIMBER
SECTION LINE	ORCHARD
QUARTER LINE	BRUSH
SIXTEENTH LINE	NURSERY
RIGHT-OF-WAY LINE	CATCH BASIN
PRESENT RIGHT-OF-WAY LINE	FIRE HYDRANT
CONTROL OF ACCESS LINE	CATTLE GUARD
PROPERTY LINE (Except Land Lines)	OVERPASS (Highway Over)
VACATED PLAY'SO PROPERTY	UNDERPASS (Highway Under)
CORPORATE OR CITY LIMITS	BRIDGE
TRUNK HIGHWAY CENTER LINE	BUILDING (One Story Frame)
RETAINING WALL	F. FRAME C. CONCRETE
RAILROAD	S. STONE T. TILE
RAILROAD RIGHT-OF-WAY LINE	B. BRICK ST. STUCCO
RIVER OR CREEK	IRON PIPE OR ROD
DRY RUN	MONUMENT (STONE, CONCRETE, OR METAL)
DRAINAGE DITCH	WOODEN HUB
DRAIN TILE	GRAVEL PIT
CULVERT	SAND PIT
DROP INLET	BORROW PIT
GUARD RAIL	ROCK QUARRY
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	

UTILITIES SYMBOLS

POWER POLE LINE	CUNOUT
TELEPHONE OR TELEGRAPH POLE LINE	TELEPHONE CABLE IN CONDUIT
JOINT TELEPHONE AND POWER ON POWER POLES	ELECTRIC CABLE IN CONDUIT
ON TELEPHONE POLES	TELEPHONE-MANHOLE
ANCHOR	ELECTRIC MANHOLE
STEEL TOWER	BURIED TELEPHONE CABLE
STREET LIGHT	BURIED ELECTRIC CABLE
PENETRAL TELEPHONE CABLE TERMINAL	AERIAL TELEPHONE CABLE
GAS MAIN	SEWER (SANITARY OR STORM)
WATER MAIN	SEWER MANHOLE

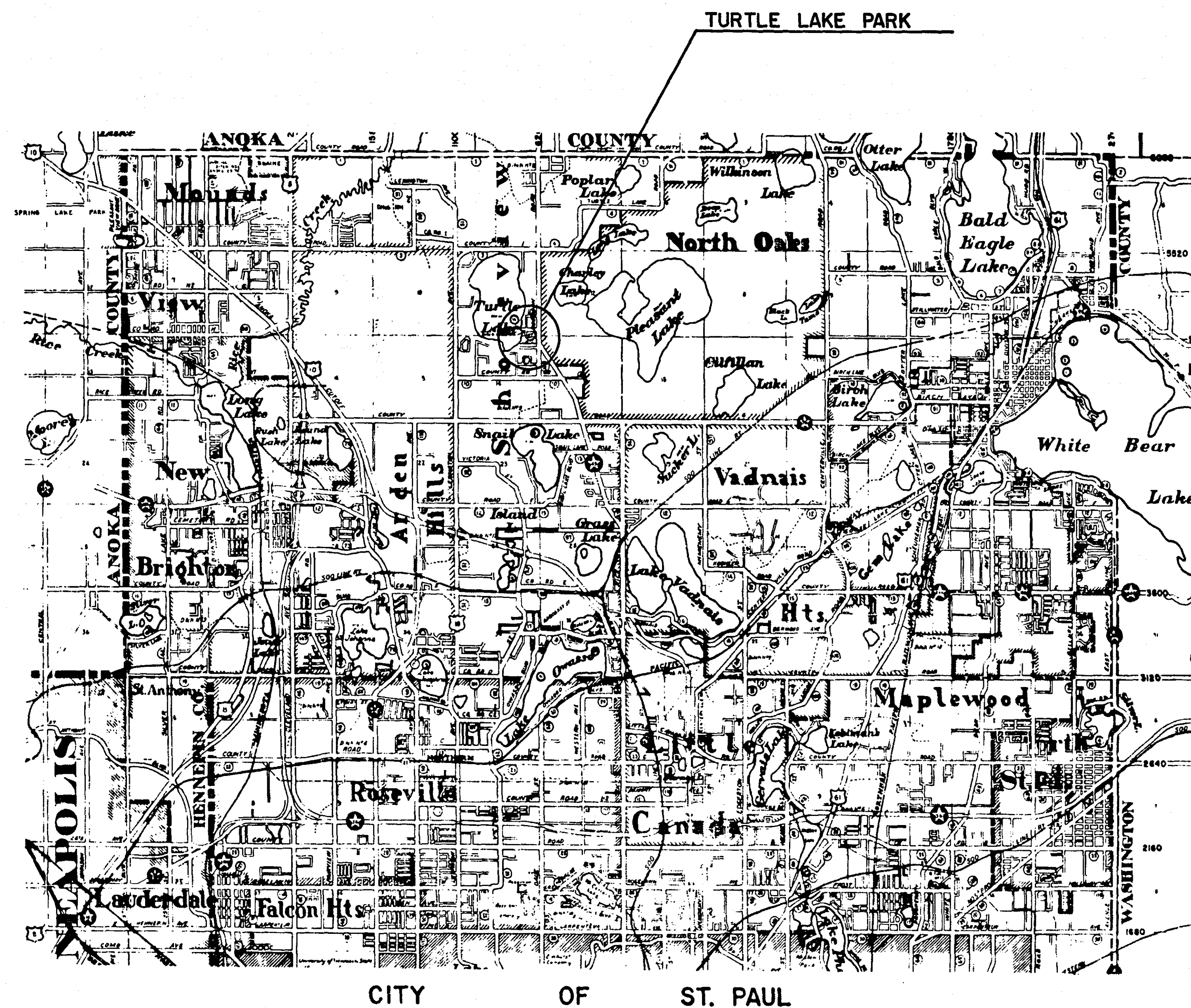


PIT DATA

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

OFFICE OF COUNTY ENGINEER RAMSEY COUNTY CONSTRUCTION PLAN

for
GRADING & BITUMINOUS SURFACING
of
ENTRANCE ROAD & PARKING LOTS
at
TURTLE LAKE PARK



INDEX

SHEET NO.	DESCRIPTION
1	TITLE
2	TYPICAL SECTIONS & DETAILS
3	PLAN & PROFILE
4-5	CROSS SECTIONS

RECOMMENDED FOR APPROVAL	COUNTY ENGINEER	DATE
APPROVED	CHAIRMAN OF THE RAMSEY COUNTY BOARD	DATE
APPROVED		DATE
APPROVED		DATE
MINNESOTA STATE HIGHWAY DEPARTMENT		
RECOMMENDED FOR APPROVAL		DATE
RECOMMENDED FOR APPROVAL	DISTRICT STATE AID ENGINEER	DATE
APPROVAL	STATE AID ENGINEER	DATE

PLANS DRAWN BY *R. Wilson ET.*
DATE: 10-19-72

MICROFILMED
RAMSEY CO. ENG.

[illegible]

10' ISLAND
TYPICAL

BIT CURB
4" HIGH

TOPSOIL

2" BIT. SURFACE, SPEC. 2341 WEAR

4" GRANULAR BASE, CLASS 2

3'

S=0.02'

3:1

1' MIN.

Profile view of a road section. The section is divided into segments with the following dimensions and elevations:

- Segment 1: 3' wide, starting from the left edge.
- Segment 2: 12' wide, starting from the end of Segment 1.
- Segment 3: 12' wide, starting from the end of Segment 2.
- Segment 4: 3' wide, starting from the end of Segment 3.

The profile grade is shown as a dashed line. The elevations at the boundaries are:

- Start of Segment 1: -0.15
- End of Segment 2: -0.15
- End of Segment 3: -0.33
- End of Segment 4: +0.06

The grades for the segments are:

- Segment 1: -0.15
- Segment 2: -0.15
- Segment 3: -0.33
- Segment 4: +0.06

The materials and construction details are:

- 2" BIT. SURFACE, SPEC. 2341 WEAR
- 4" GRANULAR BASE, CLASS 2
- 3" TOPSOIL
- BIT. CURB LOW PROFILE (4" HIGH)

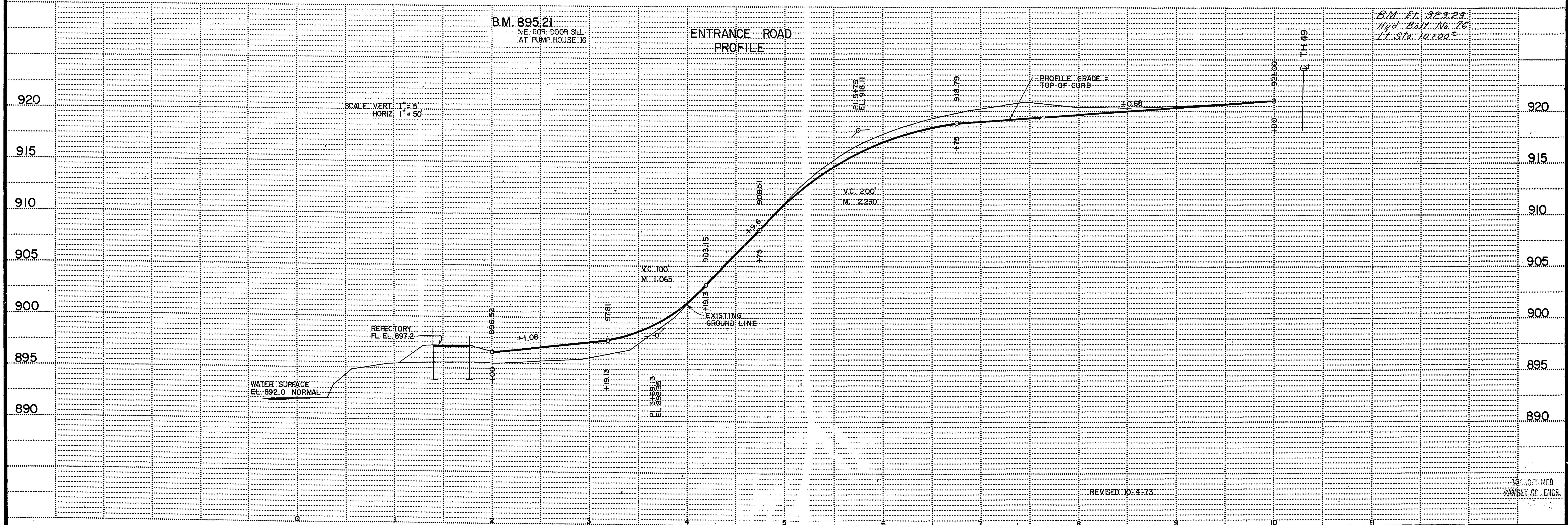
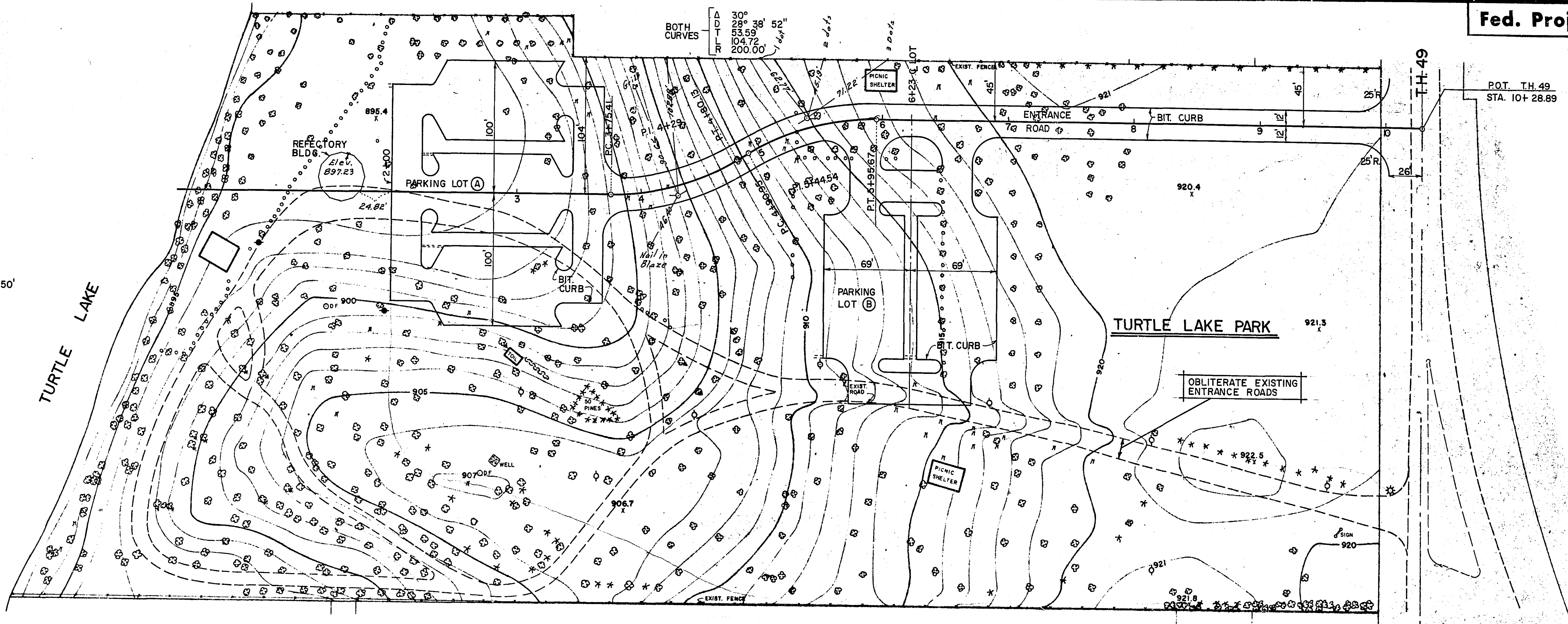
1. ELEVATION EXAMPLE

900.00 - TOP OF CURB
899.67 - TOP OF BIT SURFACE
2. ALL ROADS, PARKING LOTS, AND ISLANDS
HAVE A 4' HIGH BIT. CURB. (LOW PROFILE)
3. ALL ISLANDS SHALL BE FILLED WITH
TOPSOIL FOR PLANTING TREES

15-134

MICROFILMED
RAMSEY CO. ENGR.

SCALE: 1" = 50'



STA. ELEV.

Fed. Proj. No.

5100 911.3

4150 906.4

4100 901.2

3469 898.8

3138 906.5

2188 95.9

2138 95.5

2400 895.6

PARKING LOTS at TURTLE LAKE PARK

Sheet No. 4 of 5 Sheets

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MICROFILMED
RAMSEY CO. ENGR.

STA 9 ELEV

Fed. Proj. No.

9+95 22.7

8+95 22.4

8+45 20.3

7+95 20.4

7+45 20.9

6+95 20.2

6+45 19.1

5+95 17.6

5+40 215.2

FUNCTIONAL CROSS SECTION - OPEN DOTTED
H. A. ROGERS CO. - JAMESBORO, ST. PAUL

MICROFILMED
RAMSEY CO. ENGR.

PARKING LOTS at TURTLE LAKE PARK

Sheet No. 5 of 5 Sheets

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