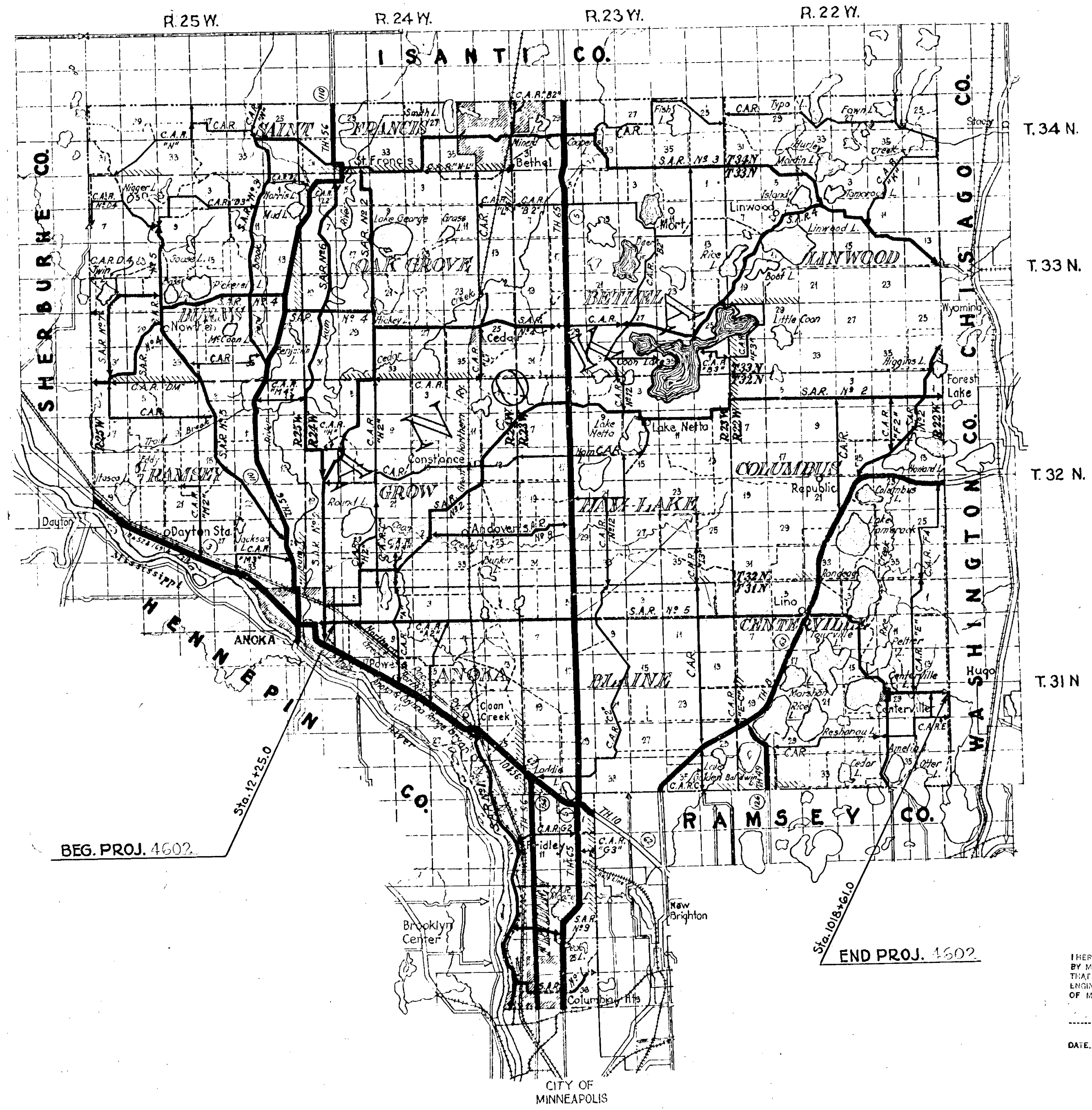
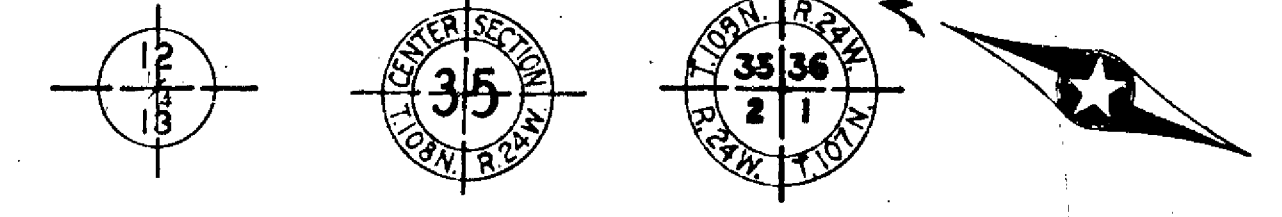


STATE OF MINNESOTA
DEPARTMENT OF HIGHWAYS
Plan and Profile of State Road No. 5
ANOKA COUNTY

From East Corporate limits of City of Anoka To a point 1320.0 So. of N.E. Cor. Sec. 24 T. 31 N. R. 22 W.
Give proper reference to Stations, Township and Range

CONVENTIONAL SIGNS	ABBREVIATIONS
STATE LINE	EXCAVATION
COUNTY LINE	EARTH
TWP. OR RANGE LINE	LOOSE ROCK
SECTION LINE	SOLID ROCK
RIGHT OF WAY LINE	EMBANKMENT
CORPORATE OR CITY LIMITS	OVERHAUL
ROAD CENTER LINE	SURFACING
RETAINING WALL	HAND DITCHING
RAILROADS	SPECIAL EXCAVATION
CREEK	SPECIAL FLOWING
DRY RUN	GUARD RAIL
DRAINAGE DITCH	CORRUGATED METAL CULVERT
POWER POLE LINE	SECTIONAL CONCRETE CULVERT
TELEPHONE OR TELEGRAPH LINE	SECTIONAL CONCRETE CULVERT (Heavy Type)
CULVERTS - PLAIN	TON MILES
WITH ENDWALLS	TELEPHONE POLE
WITH WINGWALLS	POWER POLE
DROP INLET	PLACE
FENCE LINE	INPLACE
GRAVEL PIT	REPLACE
SAND PIT	RIGHT
CLAY PIT	LEFT
ROCK QUARRY	INTERSECTION ANGLE
SPRINGS	RADIUS
MARSH	TANGENT
BRUSH OR TIMBER	LENGTH OF CURVE
HEDGE	POINT OF CURVE
ROCK LEDGE	POINT OF TANGENT
SAND	POINT OF INTERSECTION
EDGE OF CUT	VERTICAL CURVE
TOE OF EMBANKMENT	BENCH MARK
RAILROAD R/W LINE	ELEVATION
BUILDING (One Story Frame)	ACRES



GROSS LENGTH-100,636.0 FEET 19.0598 MILES
 LENGTH OF EXCEPTIONS-1440.0 FEET 0.2727 MILES
 NET LENGTH 99,196.0 FEET 18.7871 MILES

PLAN, 1 Inch = 200 Feet
 PROFILE, Horiz. 1 Inch = 200 Feet Vert. 1 Inch = 20 Feet
 WORKING PLANS Horiz. 1 Inch = 100 Feet Vert. 1 Inch = 10 Feet
 Cross-Section, 1 Inch = 10 Feet

LAYOUT
 Scale, 1 Inch = 10560 Feet

INDEX OF SHEETS
 Sheet No. 1. Title Sheet and Layout Map
 " No. 2. Typical Cross-Sections and Statement
 " No. 3-10 Plan and Profile, Sta. 12+25.0 to Sta. 1018+61.0
 " No. 11 to 66 Cross Sections

THE "SPECIFICATIONS FOR HIGHWAY CONSTRUCTION," DATED JULY 1, 1938 AND SUPPLEMENT NO. 3 APPROVED BY THE PUBLIC ROADS ADMINISTRATION NOV. 15, 1939, AS MODIFIED BY SUPPLEMENT NO. 4, DATED MAR. 1, 1940 AND APPROVED BY THE PUBLIC ROADS ADMINISTRATION APR. 28, 1941 SHALL GOVERN

RECOMMENDED FOR APPROVAL

DISTRICT ENGINEER
 PUBLIC ROADS ADMINISTRATION
 FEDERAL WORKS AGENCY

APPROVED

COMMISSIONER
 PUBLIC ROADS ADMINISTRATION
 FEDERAL WORKS AGENCY

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.

Planned By _____

HIGHWAY ENGINEER FOR ANOKA COUNTY

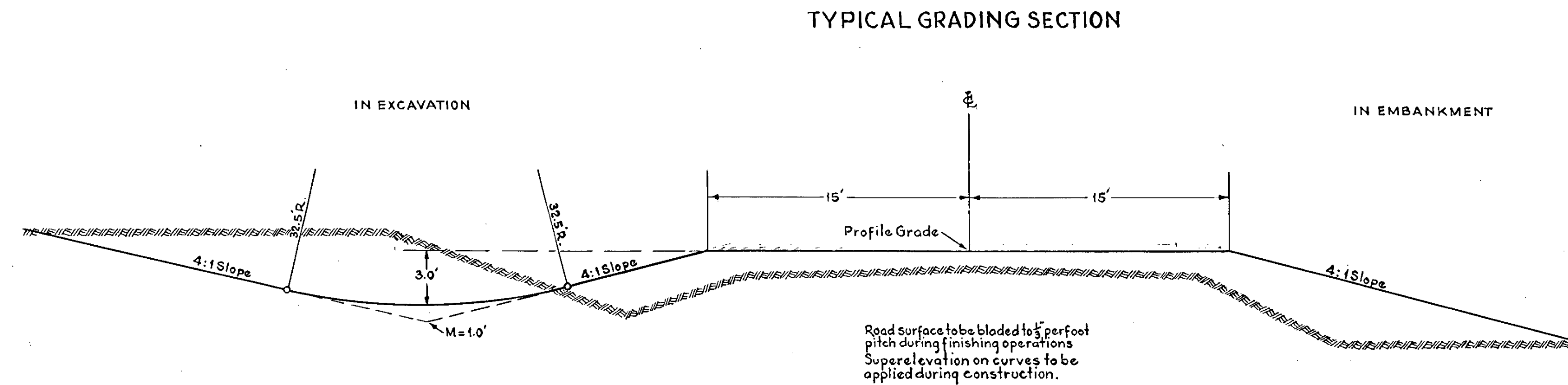
Recommended for Approval H. E. Glauert
DISTRICT ENGINEER

Recommended for Approval J. M. Evans 12-17-43
ENGINEER OF COUNTY DIVISION

Approved 12/30 1943 J. P. [Signature]
ENGINEER OF PLANS AND SURVEYS

BWS 106

STATEMENT OF ESTIMATED QUANTITIES				
	SPECIFICATION REFERENCE NUMBER	ITEM	UNIT	TOTAL ESTIMATED QUANTITIES
GRADING	2101.4 A1	Clearing	Acre	13 104
	2102.4 A	Grubbing	Acre	17 104
	2103.4	Removing Portable Culverts	Lin.Ft.	237 643
	2105.4 C	Class C, Exc.	Cu.Yd.	25181
	2108.4	Hand Ditch Exc.	Cu.Yd.	25 85
	2417.5C-24	Furnish & Install 24" S.C. Pipe Culvert	Lin.Ft.	32 536
	2417.5C-30	Furnish & Install 30" S.C. Pipe Culvert	Lin.Ft.	66
	2417.5C-36	Furnish & Install 36" S.C. Pipe Culvert	Lin.Ft.	90
	2418.5C-15	Furnish & Install 15" C.M. Pipe Culvert	Lin.Ft.	3100
	2418.5C-18	Furnish & Install 18" C.M. Pipe Culvert	Lin.Ft.	300
	2418.5C-24	Furnish & Install 24" C.M. Pipe Culvert	Lin.Ft.	266
	2418.5C-36	Furnish & Install 36" C.M. Pipe Culvert	Lin.Ft.	312
	CONCRETE BOX CULV.	2121.5 E	Class U Exc.	Cu.Yd.
2401.5 B		Grade A Concrete	Cu.Yd.	414
2408.5 A		Reinforcement Bars	Lb	3247



THE FOLLOWING STANDARD DETAIL PLATES SHALL APPLY ON THIS PROJECT

STANDARD DETAILS	PLATE NO.
APPROACHES AND ENTRANCES	1000

BWS 4010

ANOKA

