

CONVENTIONAL SIGNS & ABBREVIATIONS

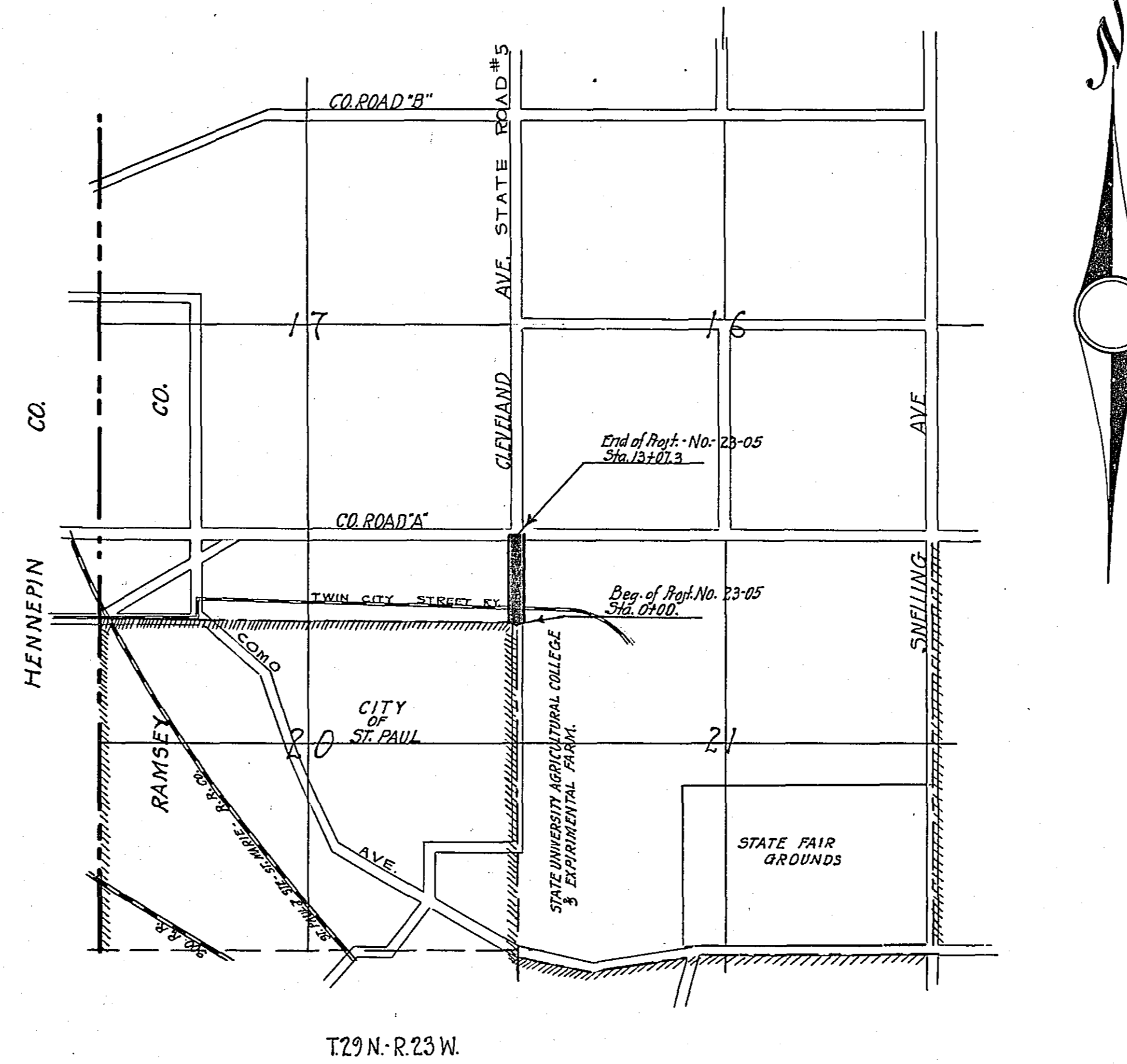
STATE LINE	-----	EXCAVATION	----	E
COUNTY LINE	-----	EMBANKMENT	----	F
TOWNSHIP LINE	-----	OVERHAUL	----	H
SECTION LINE	-----	SURFACING	----	S
CITY, VILLAGE, OR BOROUGH	-----	GUARD RAIL	----	GR
FENCE LINE	-----	INTERSECTION ANGLE	----	A
RIGHT-OF-WAY LINE	-----	RADIUS	----	R
TRAVELLED WAY	-----	ELEVATION	----	EI
RAILROADS	-----	VERTICAL CURVE	----	VC
RETAINING WALL	-----	BENCH MARK	----	B.M.
BASE OF SURVEY LINE	-----	SECTIONAL CONCRETE CULVERT	----	P.C.
LEVEE	-----	CORRUGATED METAL CULVERT	----	C.M.
GRAVEL PIT	-----	CULVERT HAUL	----	P.L.H.
SAND PIT	-----	TON MILES	----	T.M.
CLAY PIT	-----	PLACE	----	P
ROCK QUARRY	-----	IN PLACE	----	INP
CULVERTS	-----	REPLACE	----	REP
PLAIN	-----	RIGHT	----	R
WITH FACEWALLS	-----	LEFT	----	L
WITH WINGWALLS	-----	HAND DITCHING	----	H.D.
DROP INLET	-----	POINT OF CURVE	----	P.C.
POWER POLE LINE	-----	POINT OF TANGENT	----	P.T.
TELEPHONE OR TELEGRAPH LINE	-----	POINT OF INTERSECTION	----	P.I.
MARSH	-----	SPECIAL EXCAVATION	----	SE
HEDGE, BUSH, OR TIMBER	-----	SPECIAL FLOWING	----	S.P.
GROUND ELEVATION	-----	TELEPHONE POLE	----	Tel.P.
GRADE ELEVATION	-----			

STATE HIGHWAY DEPARTMENT
OF MINNESOTA
Plan and Profile of State Road No. 5

COUNTY OF RAMSEY
From a Point 1/4th South of N.E. Cor. of Sec. 20, T. 29 N., R. 23 W. To a Point 1/4th South of N.E. Cor. of Sec. 20, T. 29 N., R. 23 W.
Give proper reference to Sections, Township and Range

GROSS LENGTH 1307.3 FEET 0.247 MILES
LENGTH OF EXCEPTIONS FEET MILES
NET LENGTH 1307.3 FEET 0.247 MILES
PLAN, 1 Inch = 100 Feet
PROFILE, Horz. 1 Inch = 100 Feet, Vert. 1 Inch = 10 Feet
SCALES WORKING PLANS Horz. 1 Inch = 100 Feet, Vert. 1 Inch = 10 Feet
Cross-Sections, 1 Inch = 10 Feet

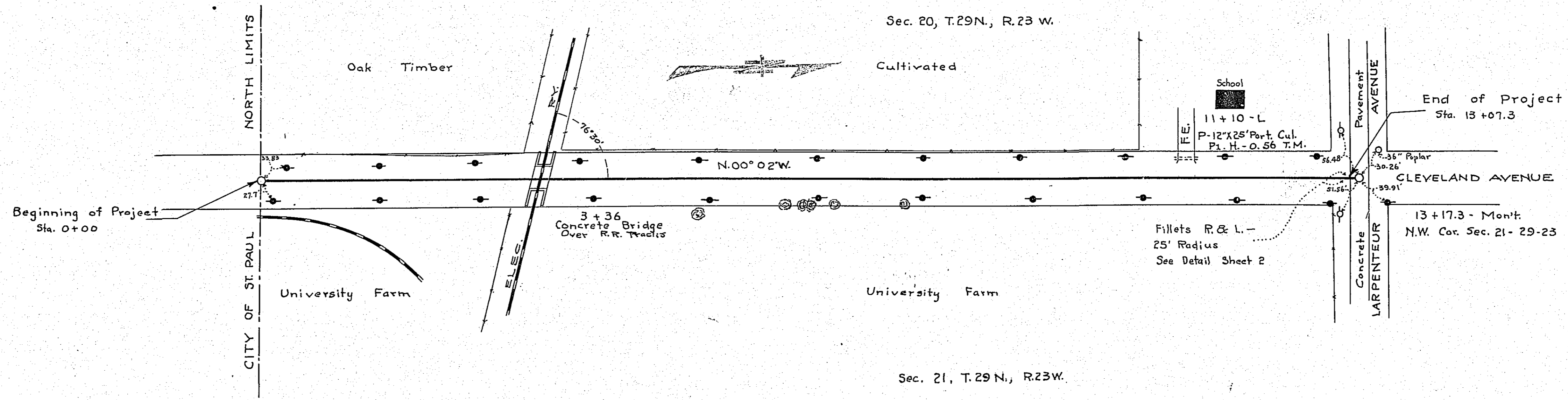
LAYOUT
SCALE, 1 Inch = 1760 Feet



INDEX OF SHEETS

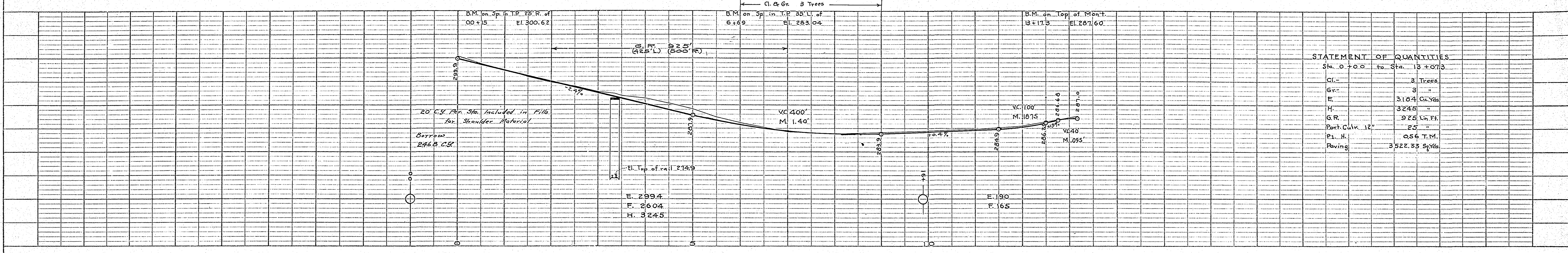
Sheet No. 1.	Title Sheet and Layout Map
" No. 2.	Typical Cross-Sections and Statement
" No. 3.	Plan and Profile, Sta. 0+00 to Sta. 1307.3
" No. 4.	Cross Sections

Planned by R. J. McLaughlin
Designing HIGHWAY ENGINEER FOR Ramsey COUNTY.
Recommended for Approval H. H. Johnson
DIVISION ENGINEER
Recommended for Approval O. L. Kipp
CONSTRUCTION ENGINEER
Approved 5-19-1923 John W. Muller
CHIEF ENGINEER & DEPUTY COMMISSIONER



PLAN
 SURVEYED...
 NOTE BOOK...
 ALIGNMENT CHECKED...
 RT. OF WAY CHECKED...
 NO. ...

PROFILE
 SURVEYED...
 NOTE BOOK...
 GRADES CHECKED...
 B.M.'S NOTED...
 STRUCTURE NOT AT THIS CHECK...
 NO. ...



STATEMENT OF QUANTITIES
 Sta. 0+00 to Sta. 13+07.3

Ct.	3 Trees
Gr.	3 "
E.	3104 Cu. Yds
H.	3245 "
G.R.	925 Lin. Ft.
Port. Culv. 12"	25 "
Pi. H.	0.56 T.M.
Paving	3522.53 Sq. Yds