

STATE OF MINNESOTA
DEPARTMENT OF HIGHWAYS
Plan and Profile of State Aid Road No. 22
GRADE & GRAVEL SURFACE

From SW COR. OF THE SE 1/4 SEC. 19, T. 33 N., R. 25 W. To THE S.E. COR. OF THE S.E. 1/4 SEC. 20, T. 33 N., R. 25 W.
Give proper reference to Sections, Township and Range

GROSS LENGTH... 7933 FEET 1.502 MILES
 LENGTH OF EXCEPTIONS... 0 FEET 0 MILES
 NET LENGTH... 7933 FEET 1.502 MILES

PLAN: 1 Inch = 100 Feet.
 PROFILE: Horz. 1 Inch = 100 Feet. Vert. 1 Inch = 10 Feet
 WORKING PLANS: Horz. 1 Inch = 100 Feet. Vert. 1 Inch = 10 Feet
 Cross-Section, 1 Inch = Feet

LAYOUT
 Scale, 4.4 Inch = 5280 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. 29+00 to Sta. 108+33.
 " No. 4.

SPECIFICATION REFERENCE:
 The specifications for Highway Construction, dated July 1, 1947, and submitted for approval by the Division Engineer of the Bureau of Public Roads October 15, 1947, as modified by 'supplement 1' thereto dated April 15, 1953, and submitted for approval by the Division Engineer of the Bureau of Public Roads on March 25, 1953, shall govern.

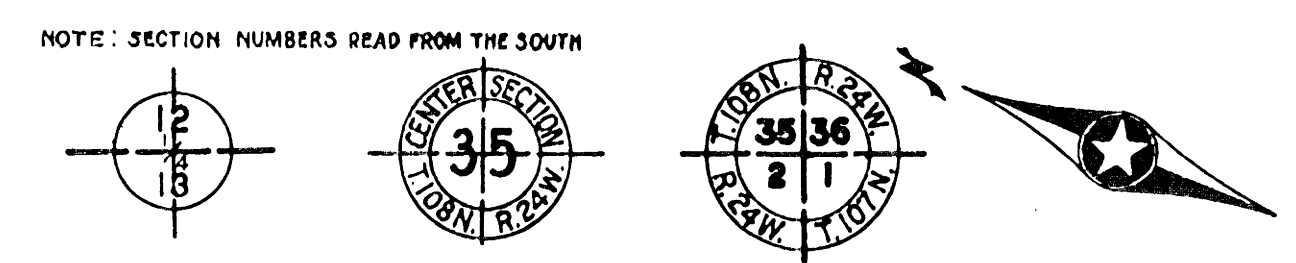
I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
 DATE: 2/30/59 REG. NO. 1959-00000

CONVENTIONAL SIGNS

STATE LINE	----
COUNTY LINE	----
TWP. OR RANGE LINE	----
SECTION LINE	----
RIGHT OF WAY LINE	----
CORPORATE OR CITY LIMITS	----
ROAD CENTER LINE	----
RETAINING WALL	----
RAILROADS	----
CREEK	----
DRY RUN	----
DRAINAGE DITCH	----
POWER POLE LINE	----
TELEPHONE OR TELEGRAPH LINE	----
CULVERTS - PLAIN	----
WITH ENDWALLS	----
WITH WINGWALLS	----
DROP INLET	----
FENCE LINE	----
GRAVEL PIT	----
SAND PIT	----
CLAY PIT	----
ROCK QUARRY	----
SPRINGS	----
MARSH	----
BRUSH OR TIMBER	----
HEDGE	----
ROCK LEDGE	----
SAND	----
EDGE OF CUT	----
TOE OF EMBANKMENT	----
RAILROAD B/W LINE	----
BUILDING (One Story Frame)	----

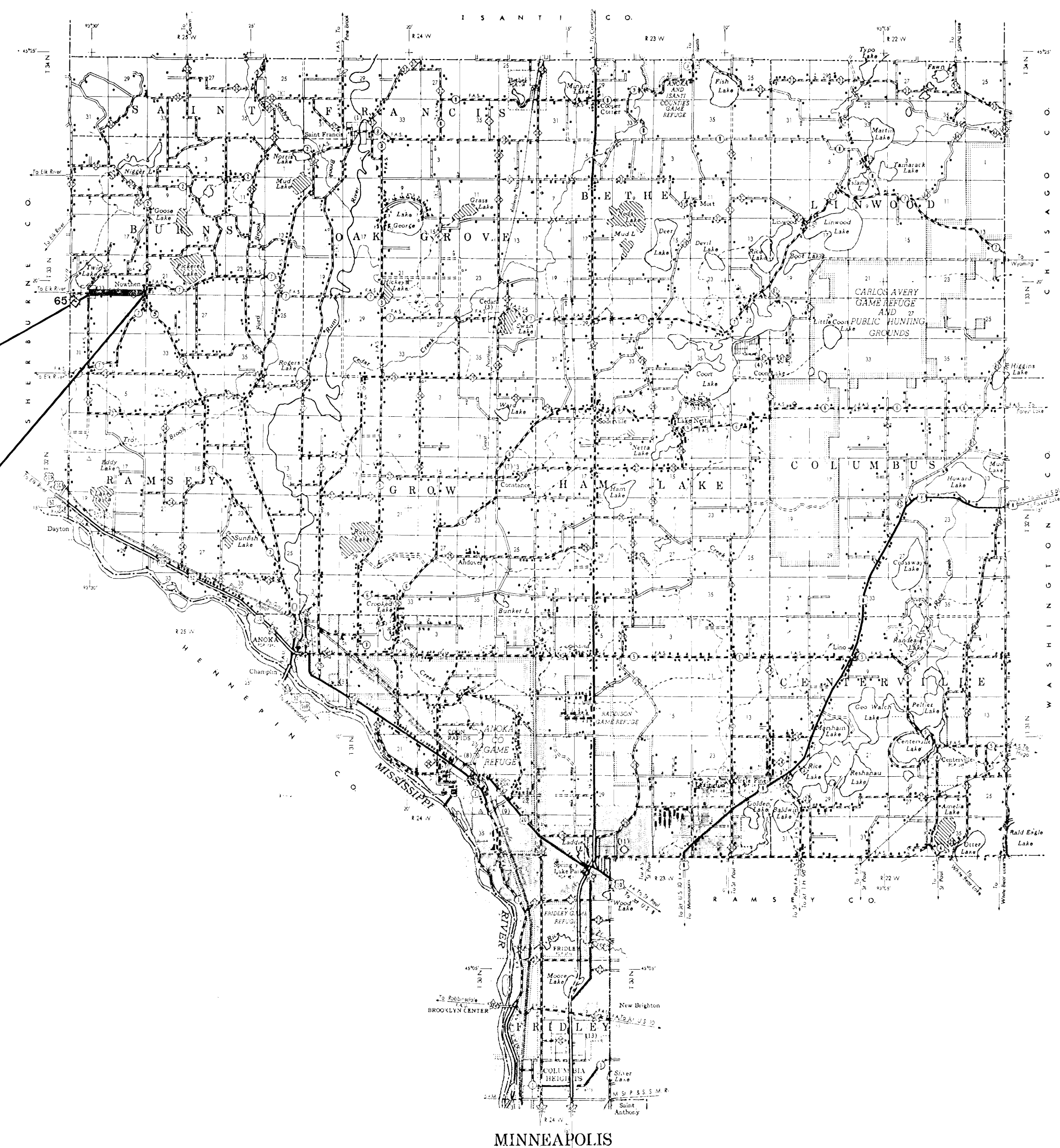
ABBREVIATIONS

EXCAVATION	....	EXC.
EARTH	....	E.
LOOSE ROCK	....	L.R.
SOLID ROCK	....	S.R.
EMBANKMENT	....	F.
OVERHAUL	....	H.
SURFACING	....	S.
HAND DITCHING	....	H.D.
SPECIAL EXCAVATION	....	S.E.
SPECIAL FLOWING	....	S.F.
GUARD RAIL	....	G.R.
CORRUGATED METAL CULVERT	....	C.M. CULV.
SECTIONAL CONCRETE CULVERT	....	R. CULV.
SECTIONAL CONCRETE CULVERT (Heavy Type)	....	R.C. CULV.
TON MILES	....	T.M.
TELEPHONE POLE	....	TEL. P.
POWER POLE	....	P. P.
PLACE	....	P.
IN PLACE	....	INR.
REPLACE	....	REP.
RIGHT	....	RT.
LEFT	....	LT.
INTERSECTION ANGLE	....	Δ
RADIUS	....	R.
TANGENT	....	T.
LENGTH OF CURVE	....	L.
POINT OF CURVE	....	P.C.
POINT OF TANGENT	....	P.T.
POINT OF INTERSECTION	....	P.I.
VERTICAL CURVE	....	V.C.
BENCH MARK	....	B.M.
ELEVATION	....	EL.
ACRES	....	A.



BEGIN PROJECT SP 02-622-01
 STA. 29+00 S 6372 (2)

END PROJECT SP 02-622-01
 STA. 108+33 S 6372 (2)



DESIGN SPEED 50 M. P. H.

PLANNED BY E. J. LUNDHEIM 1959
 COUNTY ENGINEER FOR ANOKA COUNTY
 RECOMMENDED FOR APPROVAL E. J. Lundheim 2/30/59
 DISTRICT ENGINEER
 RECOMMENDED FOR APPROVAL J. D. McMillan 4/6 1959
 APPROVED A. J. [Signature] 1955
 STATE AID ENGINEER

DEPARTMENT OF COMMERCE
 BUREAU OF PUBLIC ROADS

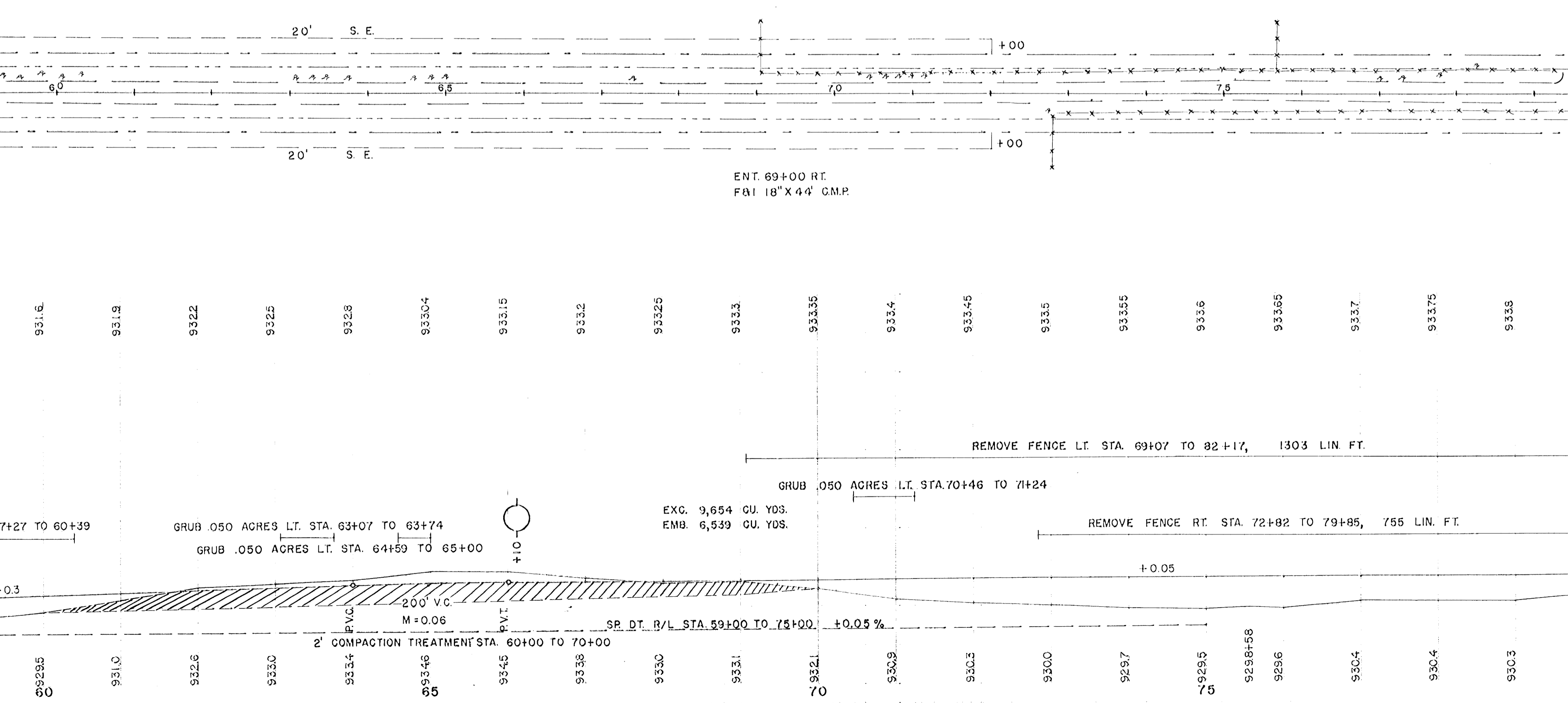
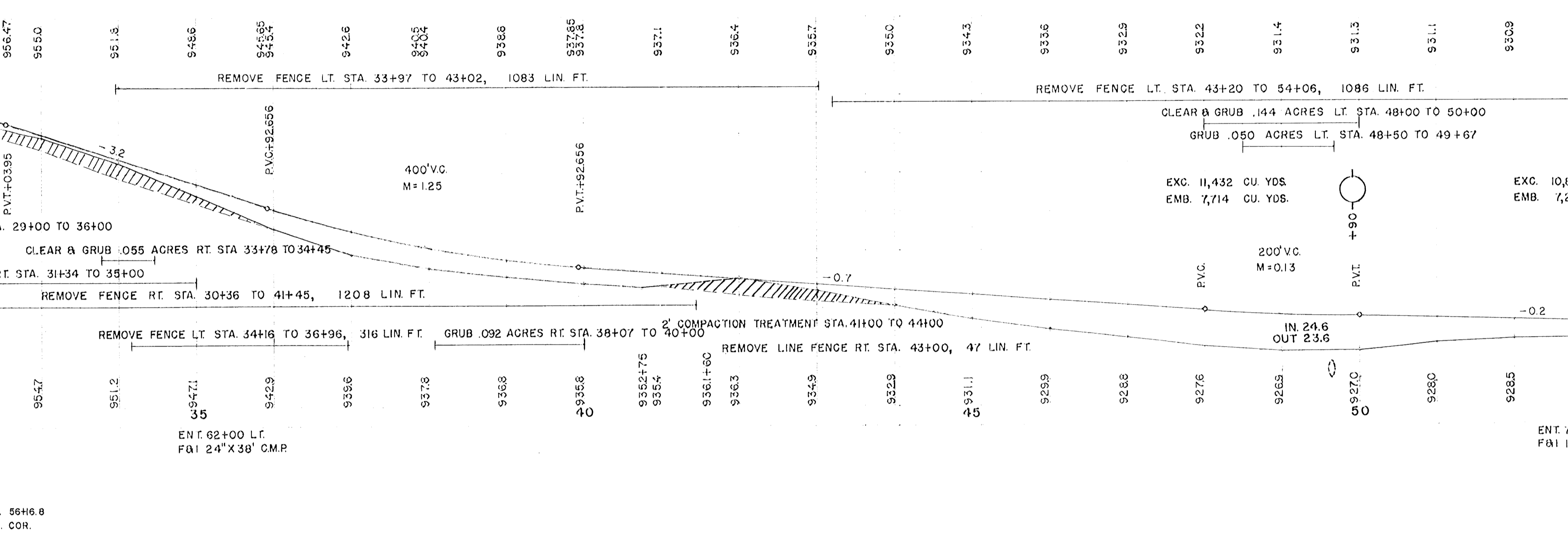
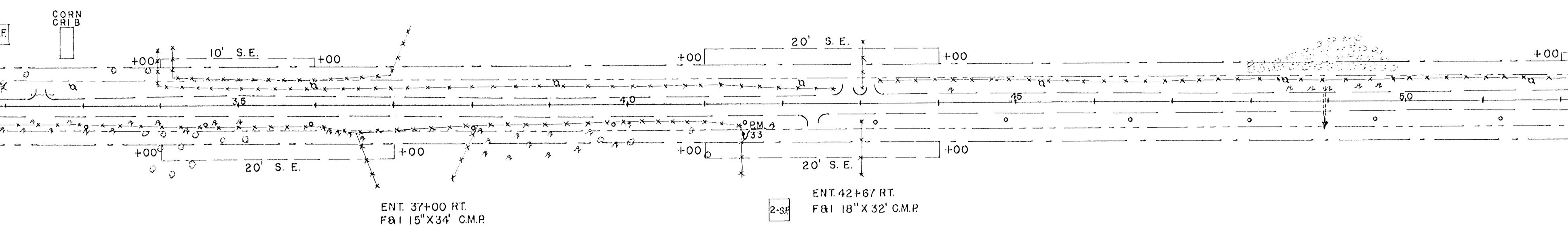
APPROVED

DISTRICT ENGINEER _____ DATE _____

ENT 32+45 LT.
INP 12" X 29' C.M.P.
REMOVE
INSTALL 12" X 29' C.M.P.

ENT 42+85 LT. ENT 43+12 LT.
F&I 18" X 50' C.M.P.

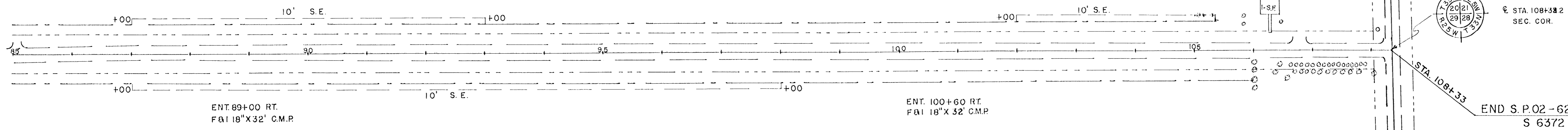
STA 49+00 C X - CULV.
F&I 24" X 50' S.C.P.
F&I 2-24" END SECT. SCP.
(23' LT 27' RT)



ENT. 85+05 LT.
F&I 18"X32' C.M.P.

ENT. 100+80 LT.
F&I 18"X32' C.M.P.

ENT. 106+78 LT.
F&I 12"X30' C.M.P.



END S.P.02-622-01
S 6372 (2)

