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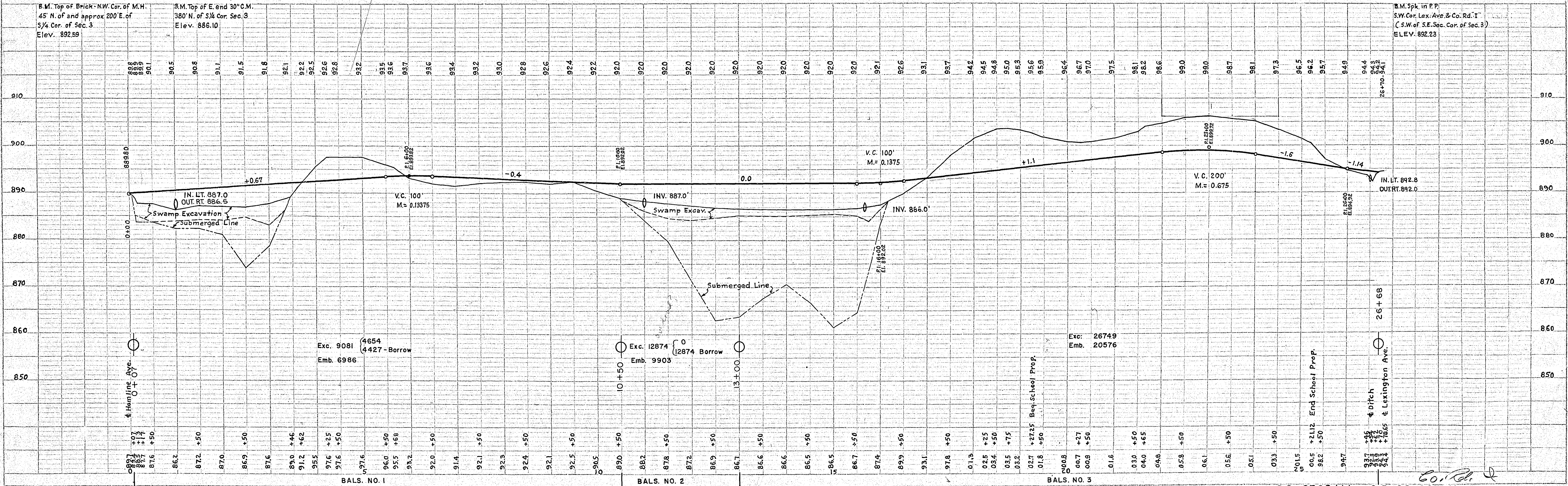
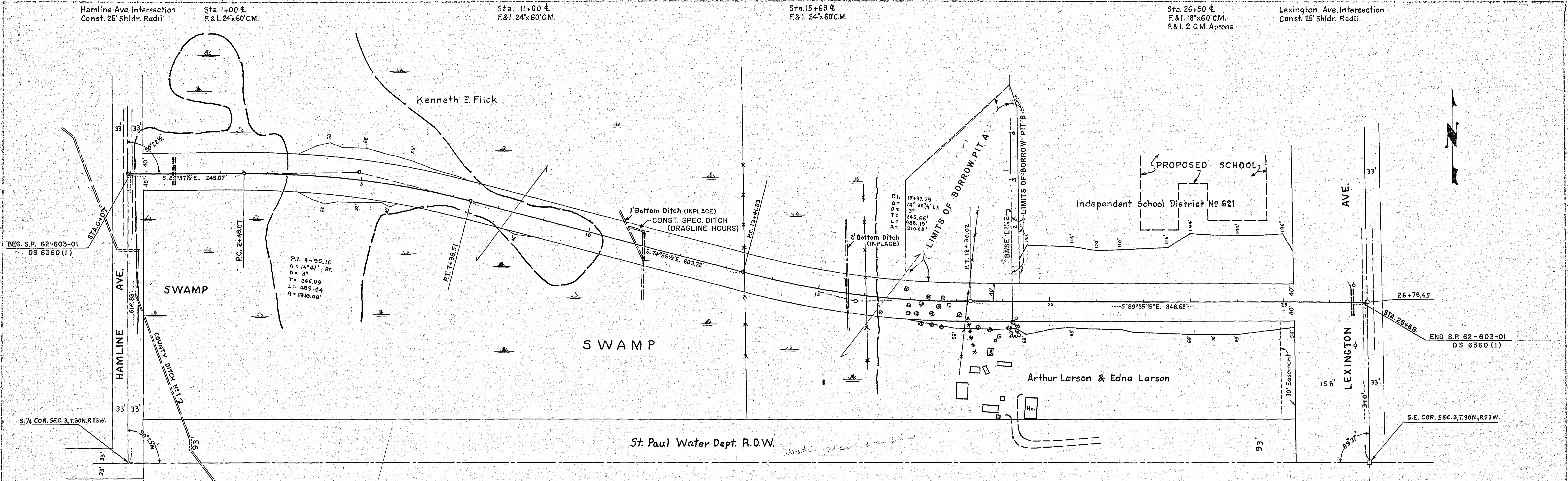


PLATE 1 - PLAN - PROFILE - R. & I. - STANDARD
 R & I. Co. No. 346-1CA

S.A.P. NO.

RAMSEY COUNTY PROJ. 58-03

DS 6360 (1) S.P. 62-603-01
 SHEET 3 OF 10 SHEETS

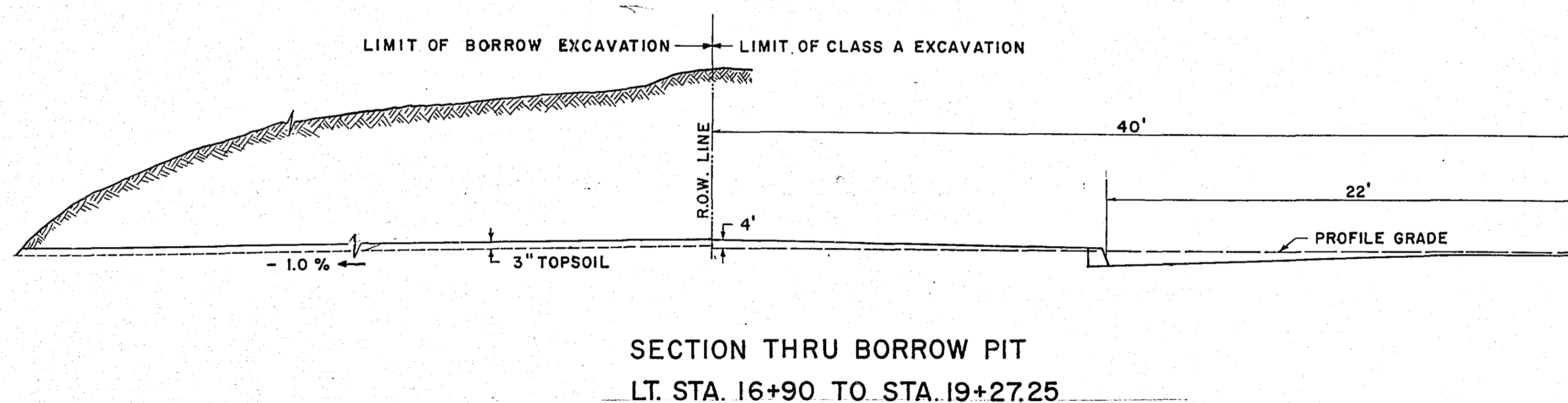
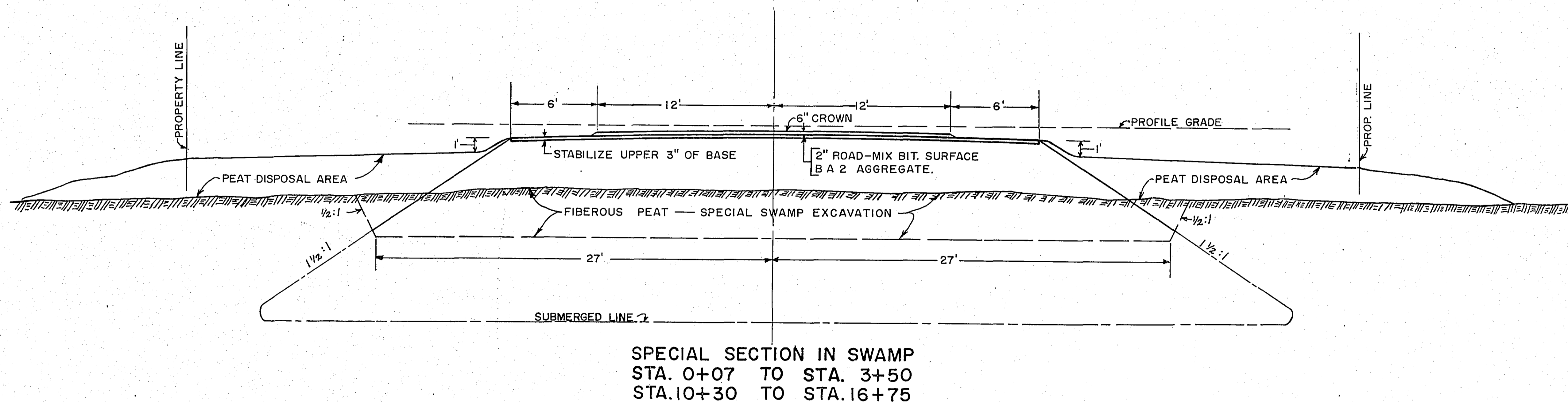
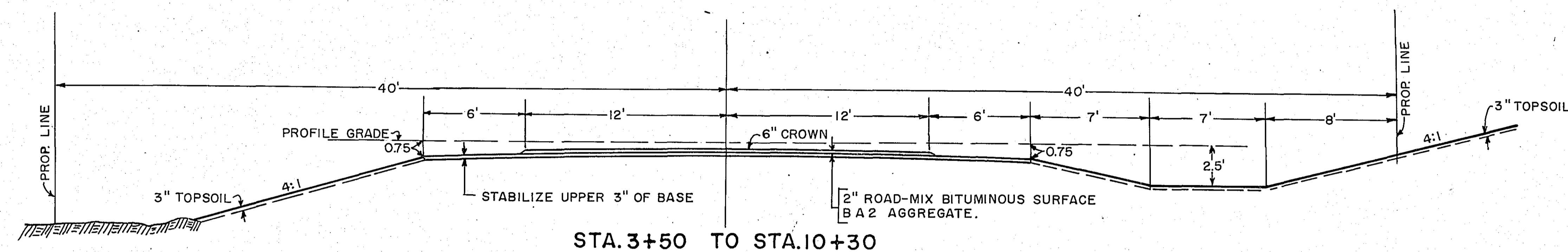
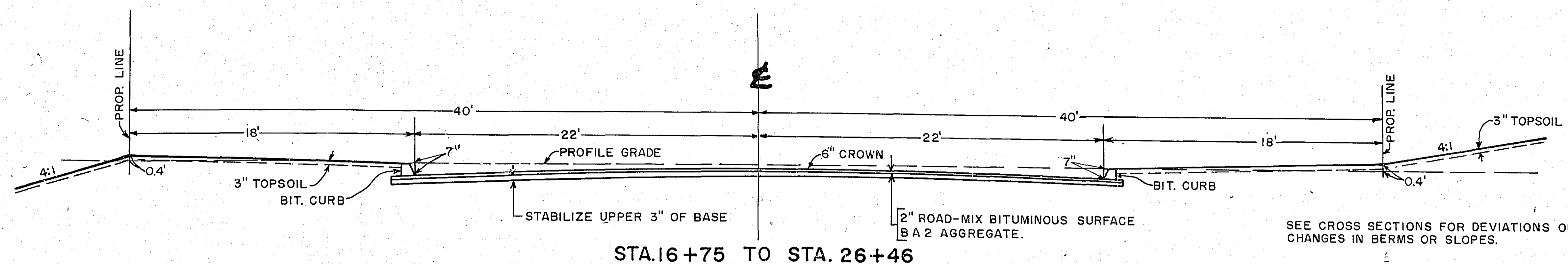
6/20

ESTIMATED QUANTITIES

SPECIFICATION NO.	ITEM	UNIT	TOTAL ESTIMATED QUANTITIES
2101.502	CLEARING	TREE	20
2101.507	GRUBBING	TREE	20
2105.501	CLASS "A" EXCAVATION	CUBIC YARD	31,403
2105.506	BORROW EXCAVATION (CLASS "A")	CUBIC YARD	17,301
2123.506	DRAGLINE (SPECIAL SWAMP EXCAVATION)	HOUR	361
2123.509	DOZER	HOUR	45
2207.503	BITUMINOUS MATERIAL	GALLON	28,250
2207.512	BITUMINOUS STABILIZED BASE (3" THICK)	SQUARE YARD	11,770
2321.502	BITUMINOUS MATERIAL FOR TACK COAT	GALLON	500
2321.503	BITUMINOUS MATERIAL FOR MIXTURE	GALLON	14,124
2321.506	AGGREGATE BA 2	TON	1,200
2501.511-18	FURNISH & INSTALL C.M. PIPE CULVERT 18"	LINEAR FOOT	60
2501.511-24	" " " " " " " " 24"	LINEAR FOOT	180
2515.531-18	F. & I. APRON FOR C.M. PIPE CULVERT 18"	APRON	2
2574.501	ROADSIDE SEEDING	ACRE	3.5
535.551	BITUMINOUS CURB	LINEAR FOOT	1,924

PLATE NO.	STANDARD DETAIL PLATES
3123 A	METAL APRONS FOR C.M. PIPES
7065A	BITUMINOUS CURB

TYPICAL SECTIONS



CONVENTIONAL SIGNS

STATE LINE	-----	TIMBER	.....
COUNTY LINE	-----	BRUSH	.....
TOWNSHIP OR RANGE LINE	-----	ORCHARD	.....
SECTION LINE	-----	ROCK LEDGE	.....
QUARTER LINE	-----	SAND	.....
SIXTEENTH LINE	-----	EDGE OF CUT	.....
RIGHT-OF-WAY LINE	-----	TOE OF EMBANKMENT	.....
PRESENT ROAD 3/4 LINE	-----	CATCH BASIN	.....
LIMITED ACCESS	-----	MANHOLE	.....
PROPERTY LINE (Heavy Land Lines)	-----	DROP INLET	.....
VACATED PLATTED PROPERTY	-----	FIRE HYDRANT	.....
CORPORATE OR CITY LIMITS	-----	ARC LAMP	.....
TRUNK HIGHWAY CENTER LINE	-----	OTHER LAMPS (State Kind)	.....
RETAINING WALL	-----	RAILROAD CROSSING SIGN	.....
STEAM RAILROAD	-----	RAILROAD CROSSING BELL	.....
ELECTRIC RAILROAD	-----	ELECTRIC WARNING SIGN	.....
RAILROAD RIGHT-OF-WAY LINE	-----	CROSSING GATE	.....
CREEK	-----	CATTLE GUARD	.....
RAPIDS OR WATERFALL	-----	OVERHEAD (Highway Over)	.....
DRY RUN	-----	UNDERPASS (Highway Under)	.....
DRAINAGE DITCH	-----	ABUTMENT, WALL & PIER	.....
HIGH TENSION LINE	-----	BRIDGE	.....
POWER POLE LINE	-----	CULVERT	.....
TELEPHONE OR TELEGRAPH LINE	-----	BUILDING (One Story Frame)	.....
TELEPHONE CONDUIT	-----	C-CONCRETE S-STONE T-TILE B-BRICK ST-STUCCO	.....
GUARD RAIL	-----	HEDGE	.....
WIRE FENCE	-----	IRON PIPE	.....
RAILROAD SNOW FENCE	-----	STONE MONUMENT	.....
BOARD OR HIGHWAY SNOW FENCE	-----	WOOD STAKE OR HUB	.....
STONE WALL OR FENCE	-----	MEANDER CORNER	.....
GAS MAIN	-----		
WATER PIPE	-----		
SEWER PIPE	-----		
DRAIN TILE	-----		
GRAVEL PIT	-----		
SAND PIT	-----		
CLAY PIT	-----		
ROCK QUARRY	-----		
SPRINGS	-----		
MARSH	-----		

OFFICE OF COUNTY ENGINEER
RAMSEY COUNTY

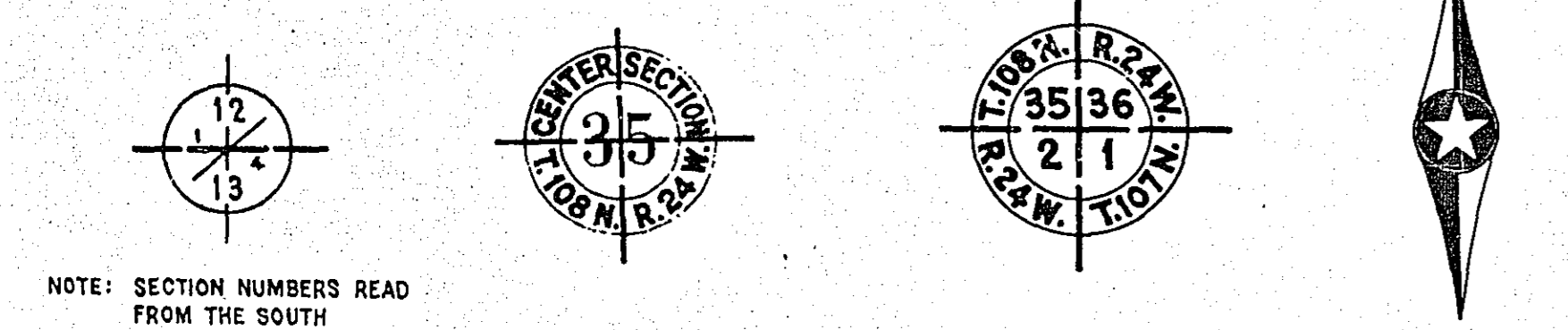
CONSTRUCTION PLAN FOR GRADING AND SURFACING
C.S.A.H. NO. 3

FROM HAMLIN AVE. TO LEXINGTON AVE.
STA. 0+07 TO STA. 26+68
FROM 616.83' N. & 7.0' E. OF S 1/4 COR. SEC. 3, T30 N, R23 W. TO 340' N & 10.65' W OF S.E. COR. SEC. 3, T30 N, R23 W

GROSS LENGTH	2661 FEET 0.504 MILES
BRIDGES-LENGTH	0 FEET 0 MILES
EXCEPTIONS-LENGTH	0 FEET 0 MILES
NET LENGTH	2661 FEET 0.504 MILES

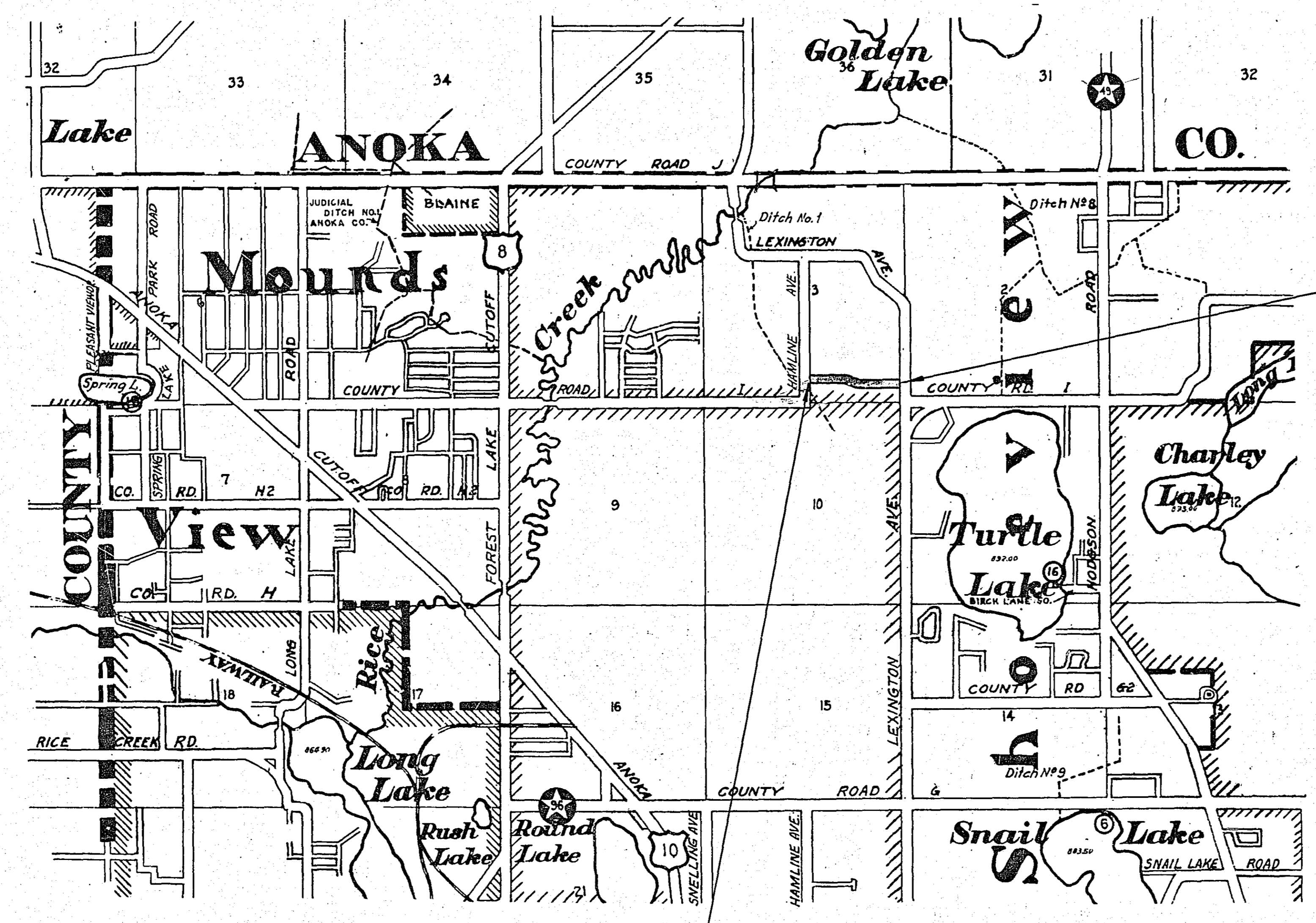
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	ESTIMATE & DETAIL SHEET
3	PLAN SHEET
4-10	CROSS SECTIONS

SCALES	PLAN, 1 inch = 100 Feet
	PROFILE, Horiz. 1 inch = 100 Feet. Vert. 1 inch = 10 Feet.
	WORKING PLANS - (Horiz. 1 inch = 100 Feet. Vert. 1 inch = 10 Feet)
	LAYOUT, 1 inch = 2640 Feet



PIT DATA

PIT NO.	Located in
PIT NO.	Located in
PIT NO.	Located in
PIT NO.	Located in



END OF PROJ. S.P. 62-603-01
STA. 26+68 DS 6360 (1)

BEG. OF PROJ. S.P. 62-603-01
STA. 0+07 DS 6360 (1)

--- SPECIFICATIONS ---
THE "SPECIFICATIONS FOR HIGHWAY CONSTRUCTION" DATED JULY 1, 1947 AND SUBMITTED FOR APPROVAL BY THE DIVISION ENGINEER OF THE BUREAU OF PUBLIC ROADS ON OCTOBER 15, 1947, AS MODIFIED BY "SUPPLEMENT 1" THERE TO DATED APRIL 15, 1953 AND SUBMITTED FOR APPROVAL BY THE DIVISION ENGINEER OF THE BUREAU OF PUBLIC ROADS ON MARCH 25, 1953, SHALL GOVERN.

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS
APPROVED _____
DISTRICT ENGINEER DATE _____

DESIGN SPEED 50 M.P.H.
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.
Barry J. Brownson COUNTY ENGINEER REG. NO. 818 DATE 8/25/58
RECOMMENDED FOR APPROVAL _____ DATE 8/25/58
APPROVED _____ DATE 8-25-58
CHAIRMAN OF RAMSEY COUNTY BOARD
MINNESOTA STATE HIGHWAY DEPARTMENT
RECOMMENDED FOR APPROVAL _____ DATE 8/26/58
APPROVED _____ DATE 8/26/58
STATE AID ENGINEER

DS 6360 (1) S.P. 62-603-01