

STATE OF MINNESOTA
DEPARTMENT OF HIGHWAYS

CONSTRUCTION PLAN FOR **GRADING & BRIDGE NO. 49513**

County State Aid Highway No. 21

Between CSAH 23 And CSAH 24

From NW COR. SEC. 20 T127N R30W To NE COR. SEC. 23 T127N R30W

Give proper reference to Section, Township and Range

GROSS LENGTH 21,268.4 FEET 4.0281 MILES
BRIDGES LENGTH 60.0 FEET 0.0115 MILES
EXCEPTIONS LENGTH 28.0 FEET 0.0005 MILES
NET LENGTH 21,180.4 FEET 4.0161 MILES

INDEX OF SHEETS

- Sheet No. 1 Title Sheet & Layout Map
- No. 2 Est. Quantities & Typical Sec.
- No. 3 To 10 Plan & Profile
- No. 11 To 30 Cross Sections

PREVIOUS CONSTRUCTION
GRADING 1933 SOIL FACTOR 100%

DESIGN DESIGNATION

ADT (CURRENT YEAR) 63

ADT (FUTURE YEAR) 126

T (HEAVY COMMERCIAL)

5 Ton Design

Design Speed 50 MPH

Design Speed not achieved at:

STA _____ TO STA _____ MPH

STA _____ TO STA _____ MPH

ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND ORDINANCES WILL BE COMPLIED WITH, IN THE CONSTRUCTION OF THIS PROJECT.

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.

[Signature] COUNTY ENGINEER DATE _____

MORRISON COUNTY REG. NO. 3635

RECOMMENDED FOR APPROVAL _____ DISTRICT ENGINEER _____ 19____

RECOMMENDED FOR APPROVAL _____ 19____

APPROVED _____ 19____ STATE AID ENGINEER

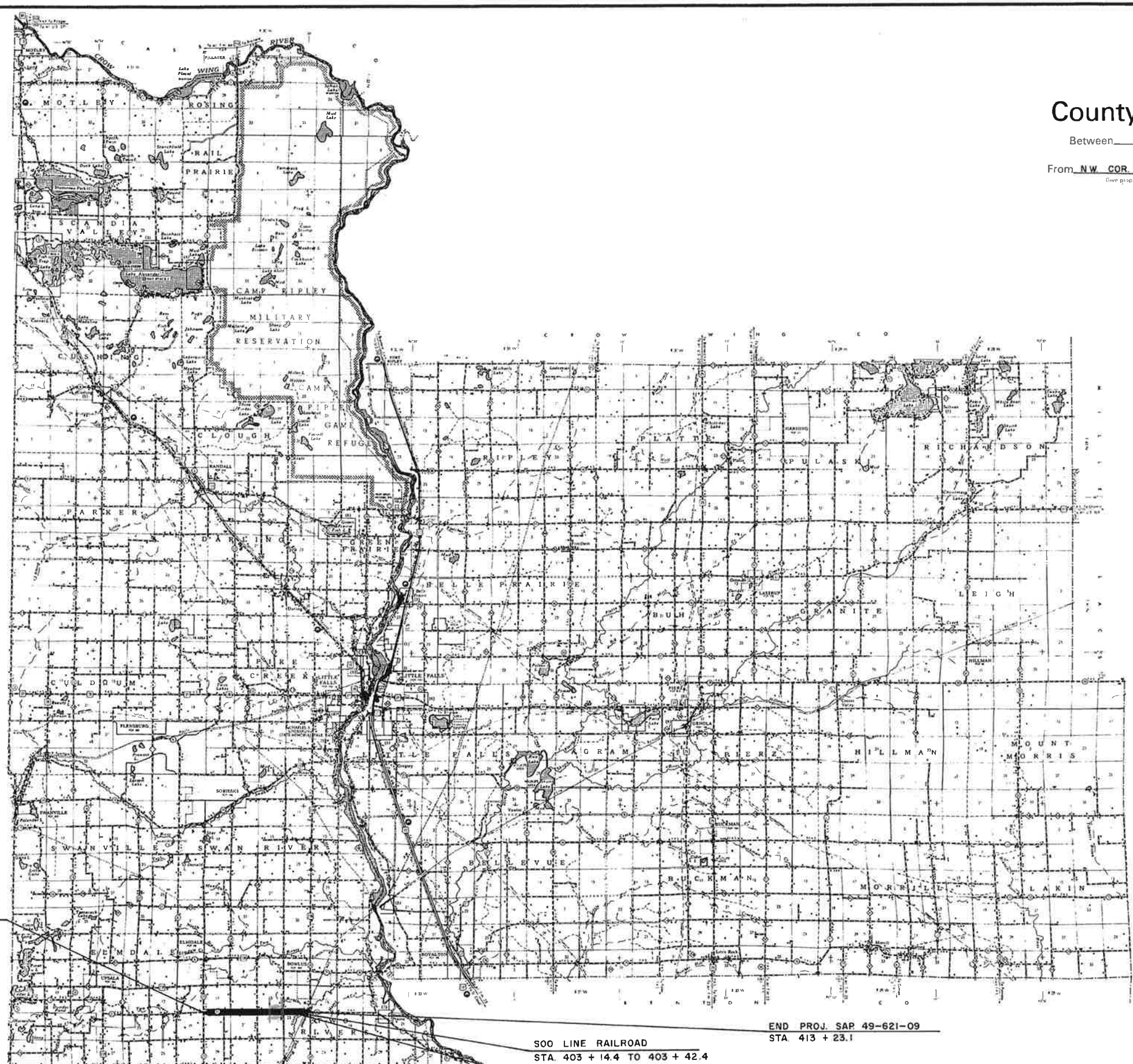
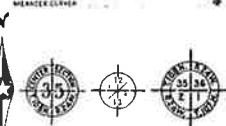
Minn. Proj. No. _____ County Proj. No. 7021

State Proj. No. _____ S.A.P. 49-621-09

MORRISON County, Minnesota. Plan No. _____ Sheet 1 of 30 Sheets

CONVENTIONAL SIGNS

- STATE LINE
- COUNTY LINE
- TOWNSHIP OR RANGE LINE
- SECTION LINE
- QUARTER LINE
- SECTION CORNER
- RIGHT OF WAY LINE
- PRESENT RIGHT OF WAY LINE
- CONTROL OF ACCESS LINE
- PROPERTY LINE (Except Land Line)
- INDICATED PLATTER PROPERTY
- CORNER OR LUMP LIMITS
- TRUNK HIGHWAY CENTER LINE
- PROPERTY WALL
- RAILROAD
- RAILROAD RIGHT OF WAY LINE
- RIVER OR CREEK
- DRY RUN
- DRAINAGE DITCH
- ELECTRIC POWER LINE
- TELEPHONE OR TELEGRAPH LINE
- JOINT TELEPHONE AND POWER CONDUIT
- TELEPHONE CABLE
- TELEPHONE CABLE UNDERGROUND
- POWER CABLE UNDERGROUND
- GAS MAIN
- CONDUIT
- PROF. INLET
- GUARD RAIL
- BARBED WIRE FENCE
- WOODEN WIRE FENCE
- CHAIN LINK FENCE
- RAILROAD SLOTTED FENCE
- STONE WALL OR FENCE
- WATER PIPE
- SEWER PIPE
- DRAIN TILE
- SPRINKLER
- HATCH
- ROCK
- CONCRETE
- BUSH
- WHEAT
- CATCH BASIN
- MANHOLE
- FIRE HYDRANT
- STREET SIGN
- RAILROAD CROSSING SIGN
- RAILROAD CROSSING BELL
- ELECTRIC WARNING SIGN
- CROSSING GATE
- CATTLE GUARD
- DITCH (In Heavy Duty)
- UNDERPASS (In Heavy Duty)
- BRIDGE
- BUILDING (See Item 10)
- FRAME
- CONCRETE
- STONE
- TILE
- BRICK
- STUCCO
- HEAVY PIPE OR BOX
- IMPERMEABLE (STONE, CONCRETE, OR METAL)
- WOODEN PILE
- GRAVEL PIT
- LAND PIT
- ESSEY PIT
- ROCK GUARD
- WEATHER GUARD



BEG. PROJ. SAP 49-621-09
STA. 200 + 54.7

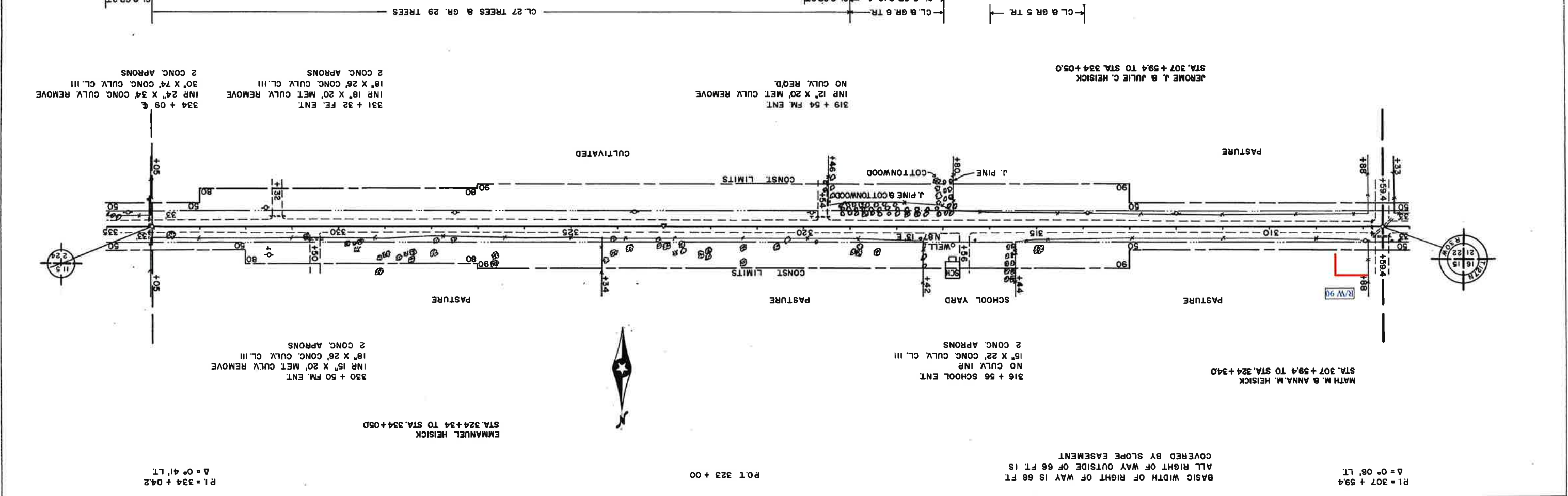
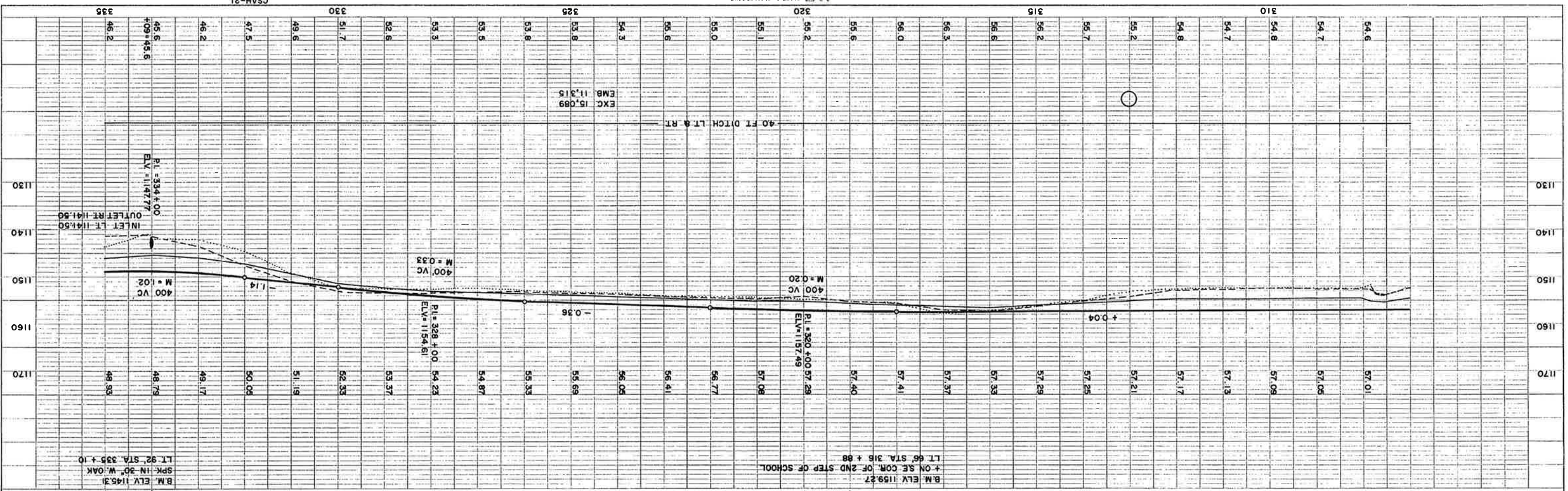
END PROJ. SAP 49-621-09
STA. 413 + 25.1

SOO LINE RAILROAD
STA. 403 + 14.4 TO 403 + 42.4
EXCEPTION BRIDGE NO. 1531
STA. 400 + 08 TO 400 + 68

THE MINNESOTA DEPARTMENT OF HIGHWAYS "STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION" DATED JAN. 1, 1968, AS AMENDED BY SUPPLEMENT SPECIFICATIONS DATED JULY 1, 1969, SHALL GOVERN.

DATE	NOV 10 1998
PROJECT	STATION 10
SCALE	AS SHOWN
DESIGNED BY	DAVID A. DINGERO
CHECKED BY	DAVID A. DINGERO
IN CHARGE	DAVID A. DINGERO
DATE	
PROJECT	
SCALE	
DESIGNED BY	
CHECKED BY	
IN CHARGE	

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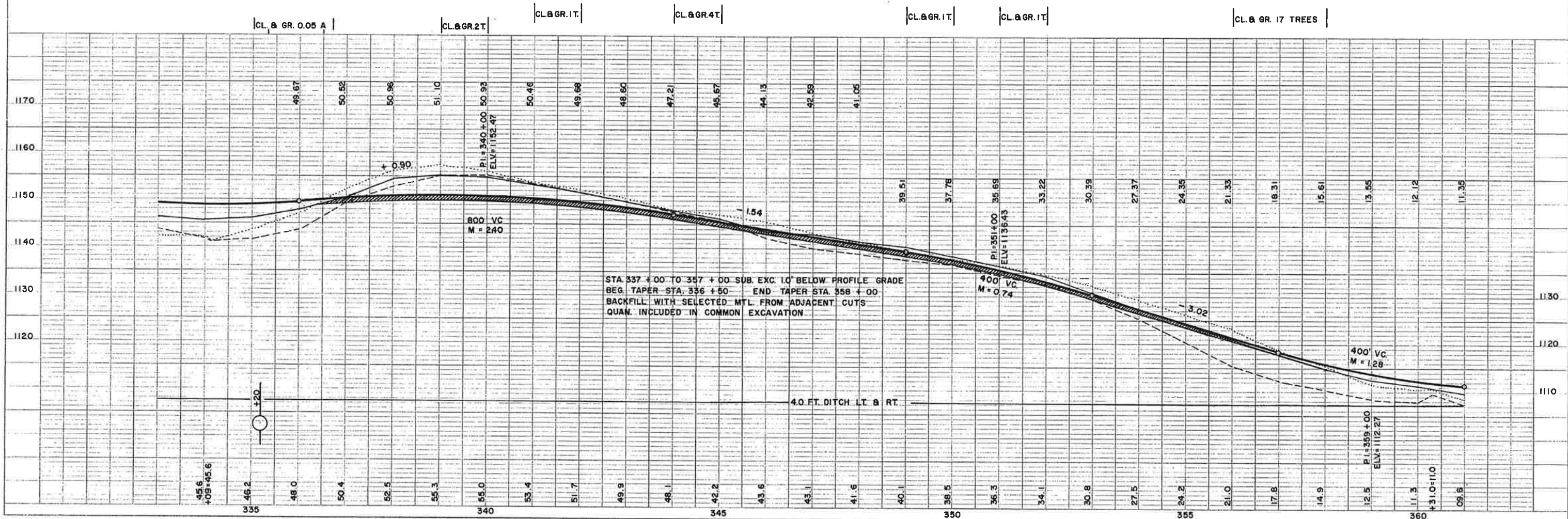
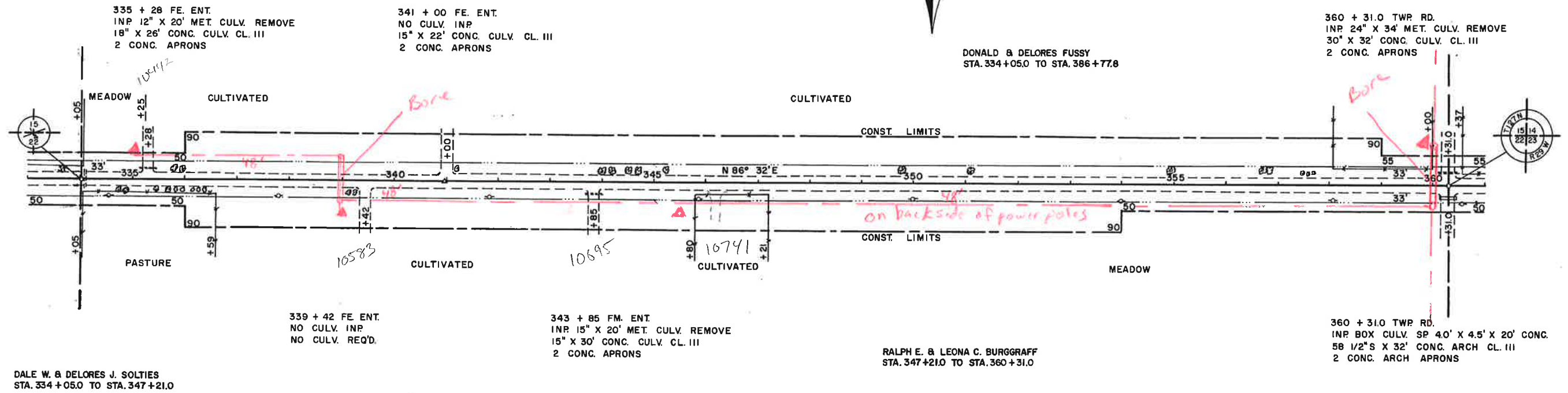


PI = 334 + 04.2
 $\Delta = 0^\circ 41' \text{ LT.}$

BASIC WIDTH OF RIGHT OF WAY IS 66 FT.
 ALL RIGHT OF WAY OUTSIDE OF 66 FT IS
 COVERED BY SLOPE EASEMENT

P.O.T. 340 + 97.3

PI = 360 + 31.0
 $\Delta = 0^\circ 20' \text{ RT.}$



PLAN
 DATE: 10/11/12
 DRAWN BY: [Name]
 CHECKED BY: [Name]
 SCALE: AS SHOWN

PROFILE
 DATE: 10/11/12
 DRAWN BY: [Name]
 CHECKED BY: [Name]
 SCALE: AS SHOWN