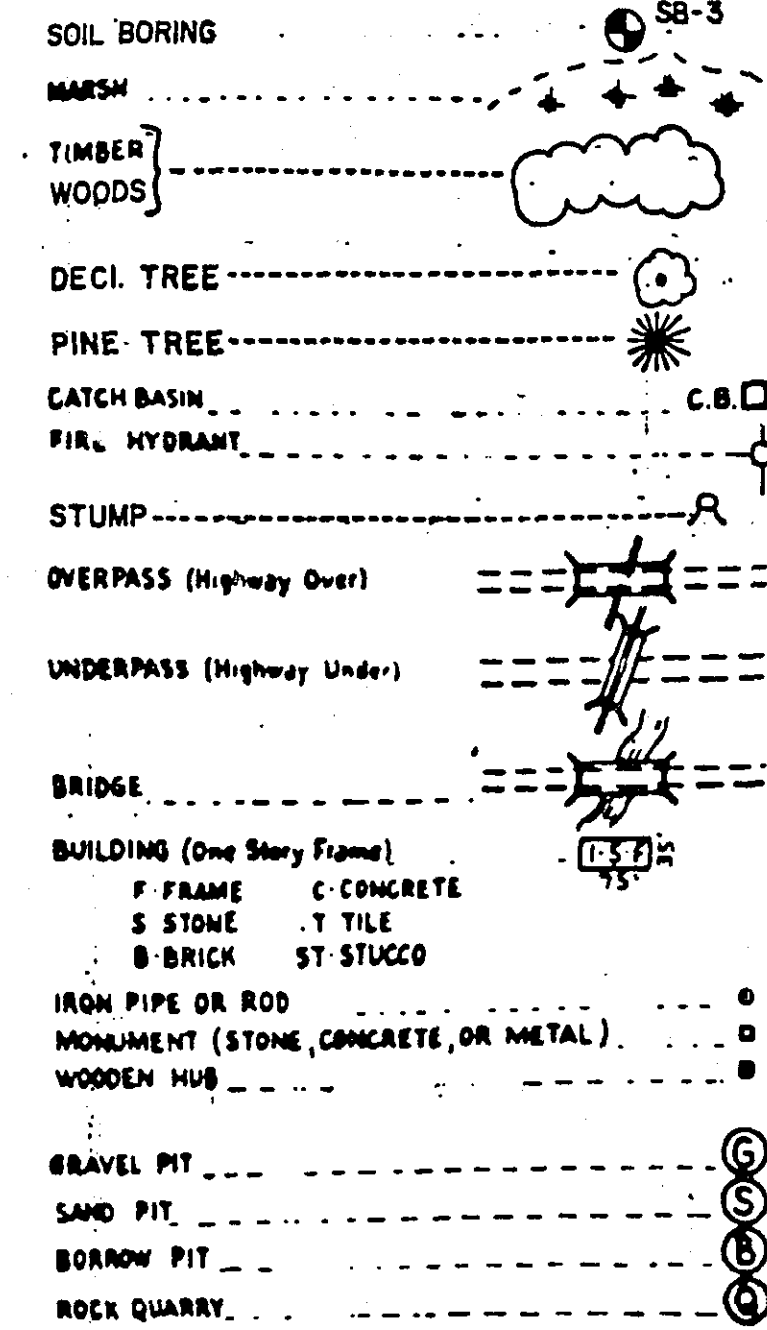
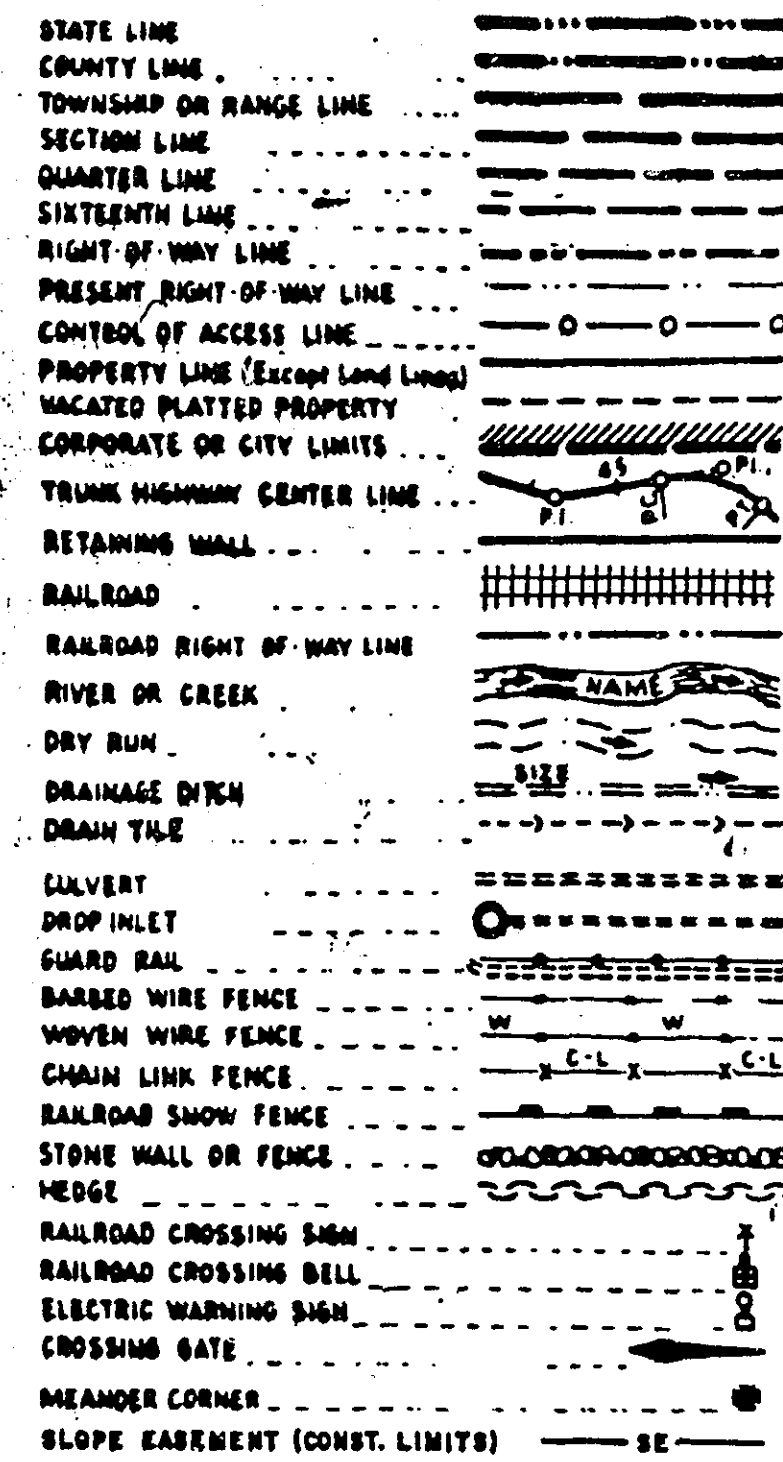
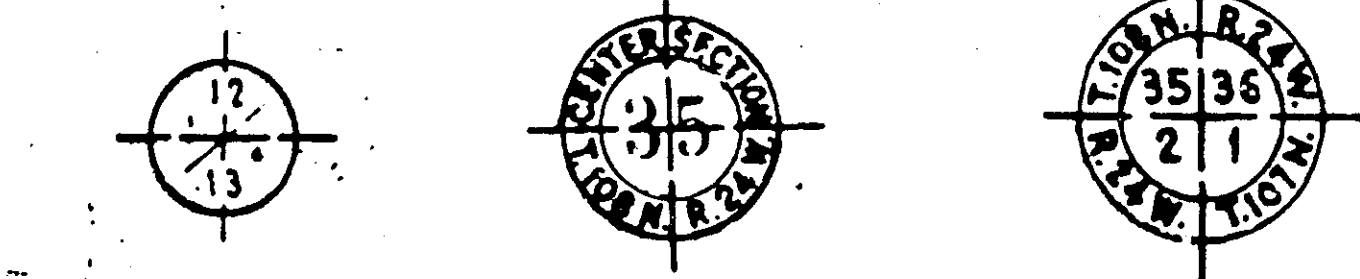
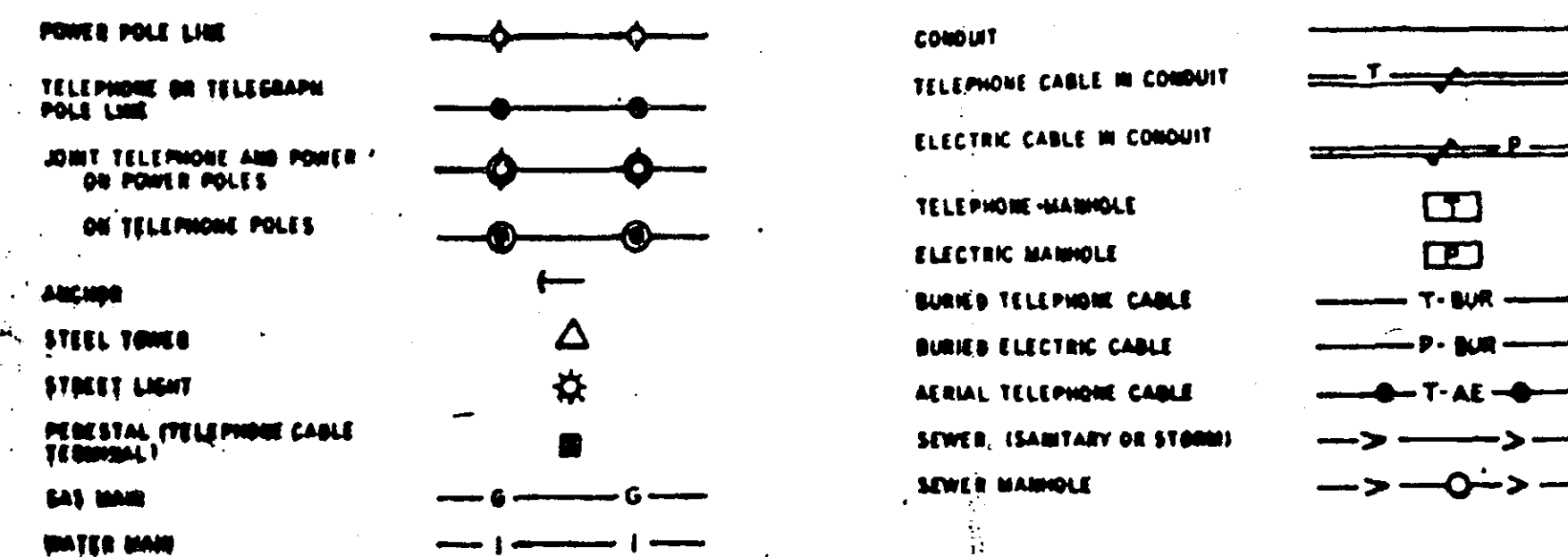


PLANS SYMBOLS



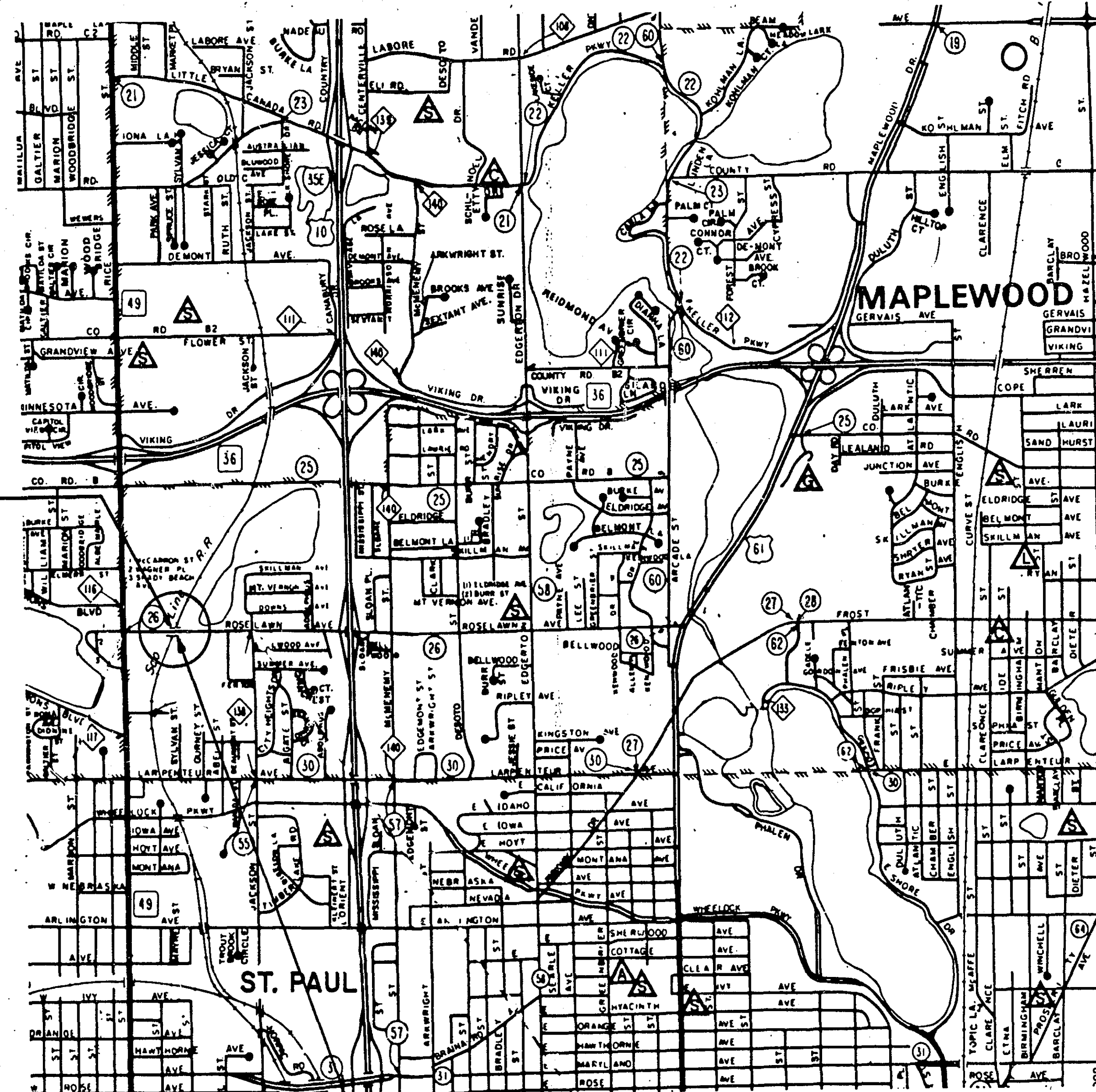
UTILITIES SYMBOLS



THE 1988 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION 'STANDARD SPECIFICATIONS FOR CONSTRUCTION' SHALL GOVERN.

STOPPING SIGHT DISTANCE BASED ON
3.5' HEIGHT OF EYE - 0.5' HEIGHT OF OBJECT

GROSS LENGTH	2330.0	=	0.4413
BRIDGE LENGTH	159.1	=	0.0303
EXCEPTION	159.1	=	0.0303
NET LENGTH	2170.9	=	0.4110
PLAN	10 30 50		
PROFILE HORIZ.	10 20 30 40 50		
PROFILE VERT.	5 10		
CROSS SECTIONS	10 20		
LAYOUT MAP	0 2000 4000		



S.A.P. 62-626-05

DESIGN DESIGNATION

ADT (CURRENT YEAR) 1989 - 3100
ADT (FUTURE YEAR) 2009 - 5000
Σ N 20 YEAR - 325,000
DESIGN LOAD - 10 TON
STABILOMETER "R" VALUE - 17
DESIGN SPEED - 40
HC ADT
FUNCTIONAL CLASSIFICATION - COLLECTOR (HIGH DENSITY)
NO. OF TRAFFIC LANES - 2
NO. OF PARKING LANES - 0

RAMSEY COUNTY DEPARTMENT OF PUBLIC WORKS S.A.P. 62-626-05

ROSELAWN AVENUE (CSAH NO.26) LOCATION: INTERSECTION OF ROSELAWN AVENUE AND SOO LINE RAILROAD (929' EAST OF RICE STREET)

PLANS FOR: RIGHT OF WAY ACQUISITION

INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	TYPICAL SECTION
3	PLAN & PROFILE
4	CROSS SECTIONS

RAMSEY COUNTY

RECOMMENDED FOR APPROVAL: DES DATE: 3/7/91
TRAFFIC ENGR.

RECOMMENDED FOR APPROVAL: KMR DATE: 3/7/91
ENV. ENGR.

RECOMMENDED FOR APPROVAL: DJS DATE: 3/7/91
MAINT. ENGR.

RECOMMENDED FOR APPROVAL: RVP LKF DATE: 3/7/91
CONST. ENGR.

RECOMMENDED FOR APPROVAL: DLR DATE: 3-7-91
DESIGN ENGR.

RECOMMENDED FOR APPROVAL: JAB DATE: 3-7-91
LOW ENGR.

RECOM'D DATE: _____

COORDINATING ENGINEER
RECOM'D [Signature] DATE: 3/7/91
ASSISTANT COUNTY ENGINEER

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 MINNESOTA.

PROJECT ENGR. [Signature]
DATE: 3-7-91 REG. NO. 8271

APPROVED: [Signature] DATE: 3/11/91
CITY OF MAPLEWOOD

APPROVED: [Signature] DATE: 3/7/91
RAMSEY COUNTY ENGINEER

APPROVED: _____ DATE: _____
CHAIR OF THE RAMSEY COUNTY BOARD

APPROVED: _____ DATE: _____

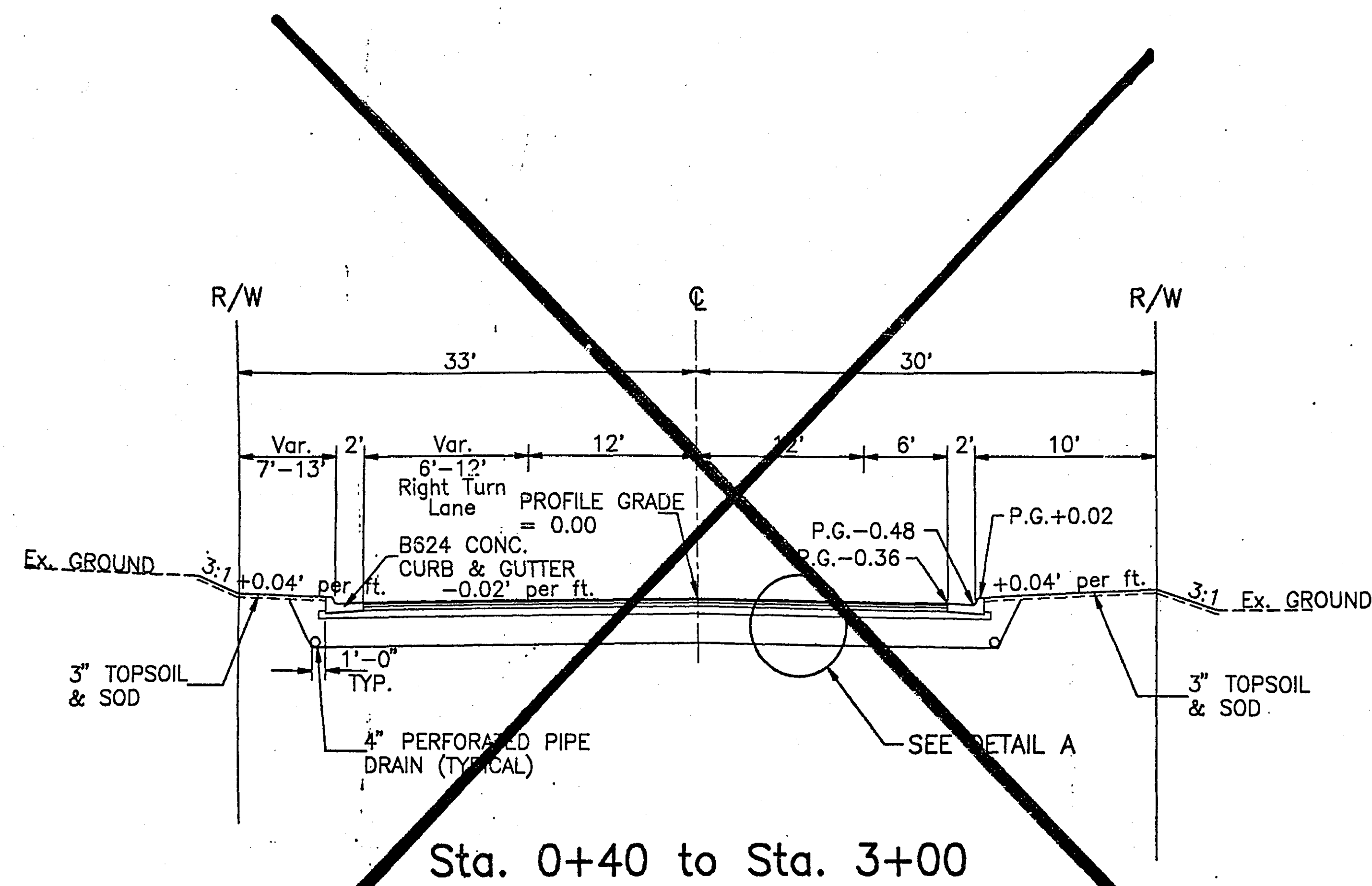
APPROVED: _____ DATE: _____

MINNESOTA DEPARTMENT OF TRANSPORTATION

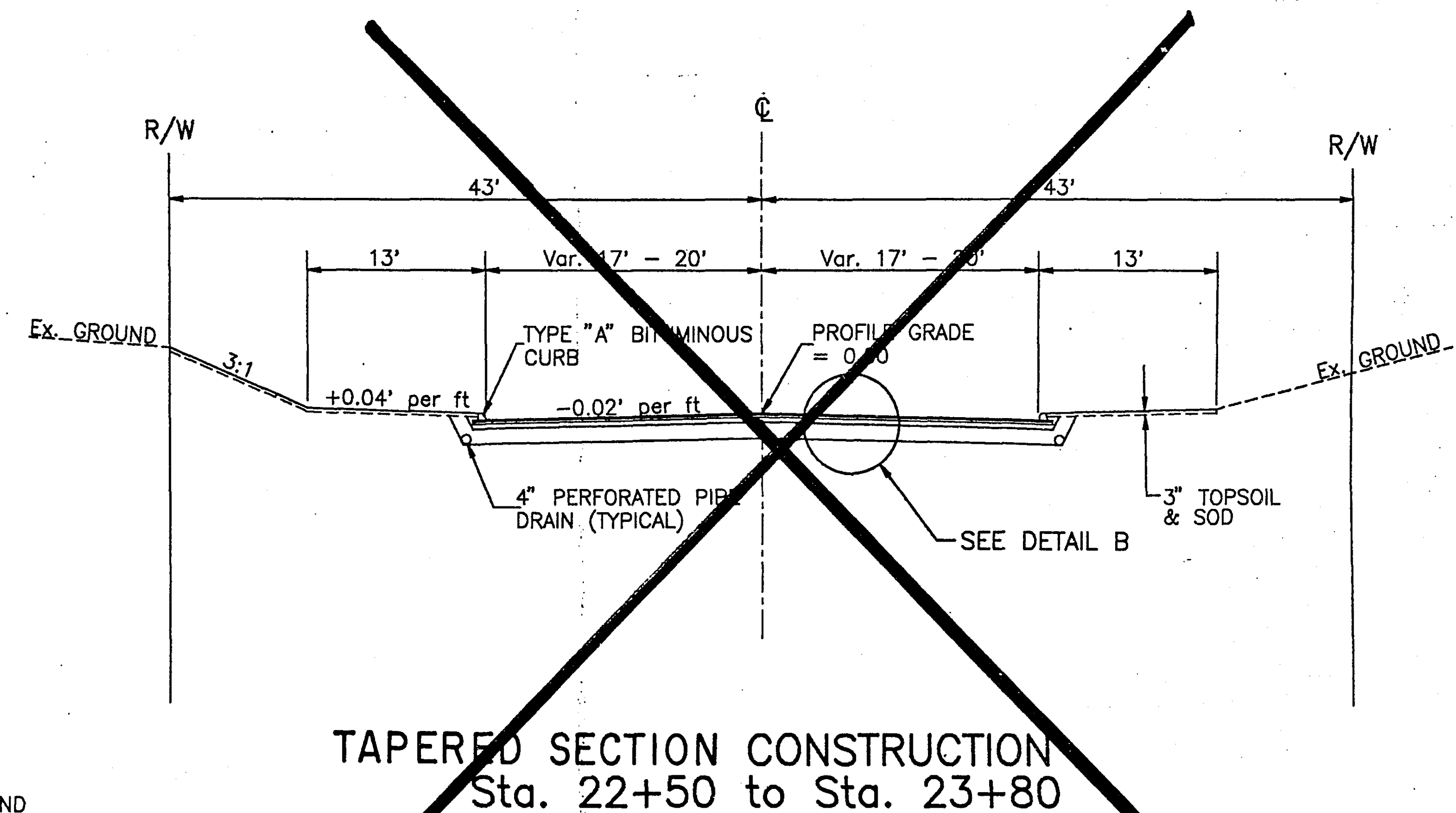
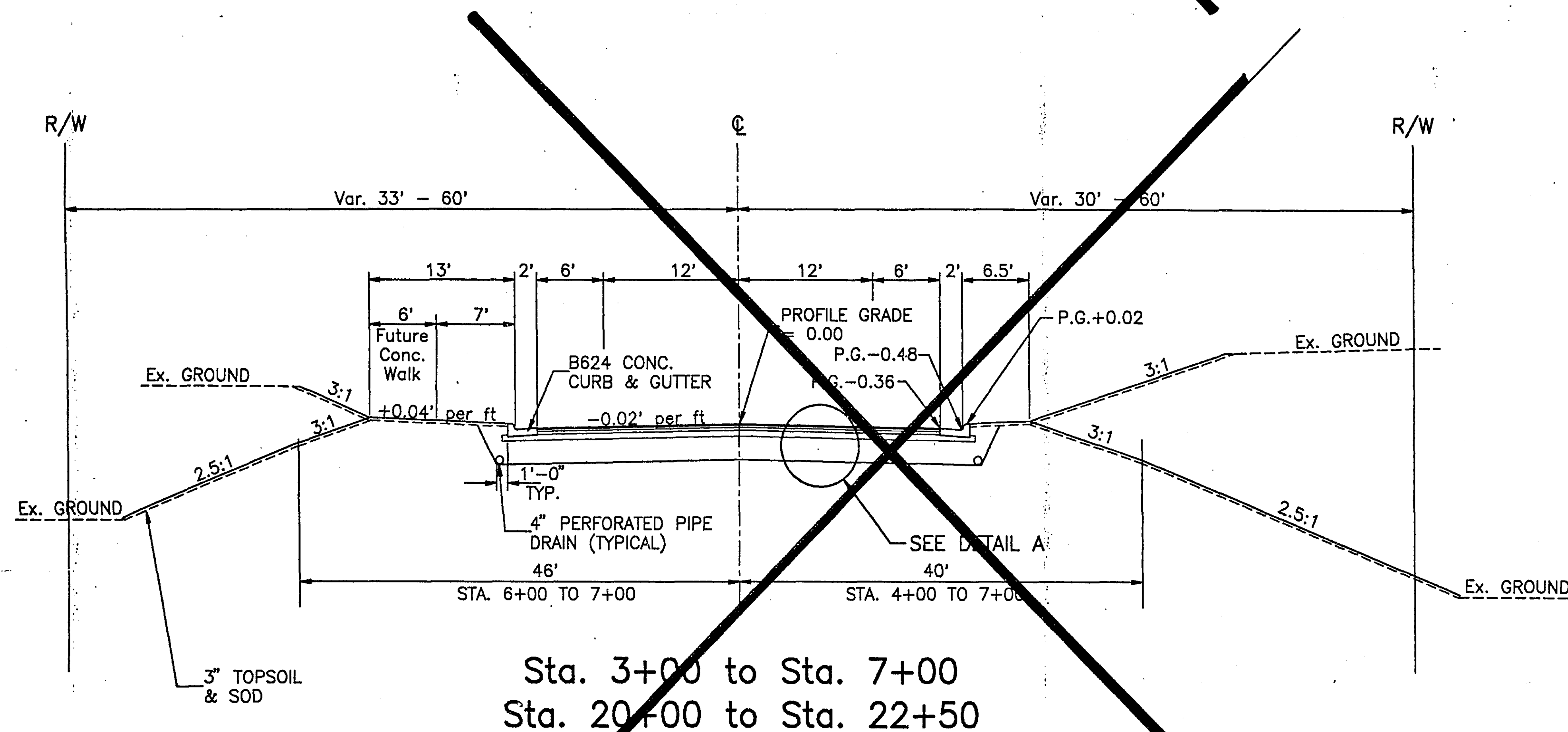
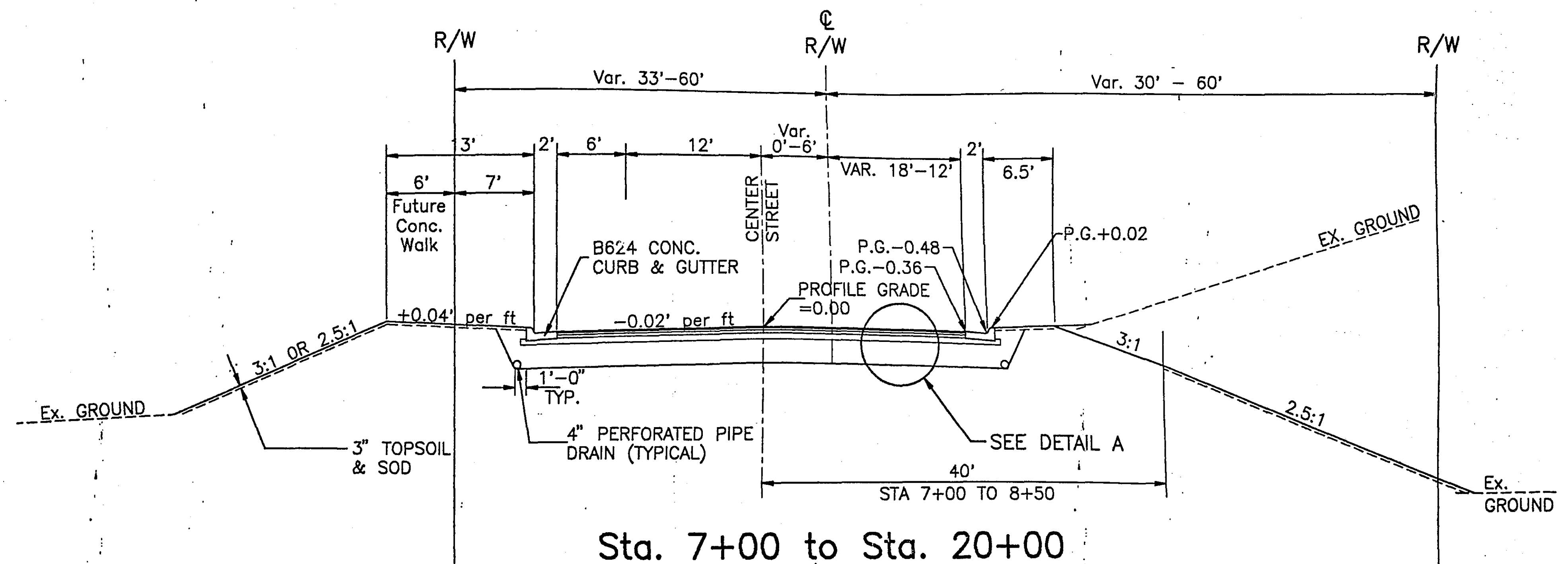
REC. FOR APPROVAL [Signature] DATE: 4/1/91
STATE AID PLANS & SPECS

REC. FOR APPROVAL [Signature] DATE: 3/22/91
DISTRICT STATE AID ENGINEERS

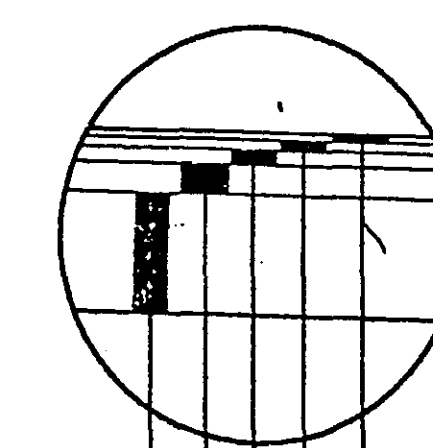
APPROVED: [Signature] DATE: 4-1-91
STATE AID DIRECTOR



NOTE: 2' OBSTACLE FREE CLEAR ZONE IS REQUIRED FROM FACE OF CURB.

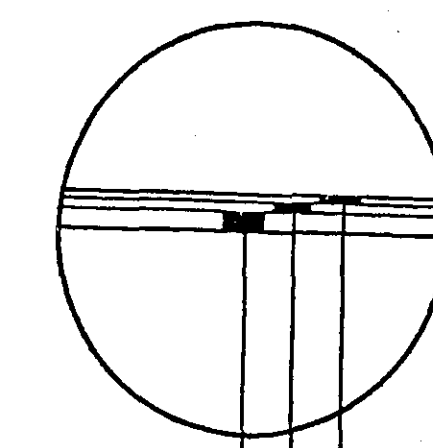


TAPERED SECTION CONSTRUCTION
Sta. 22+50 to Sta. 23+80



DETAIL A

- 1 1/2" PLANT MIXED BITUMINOUS WEARING COURSE SPEC. 2341 (FOLLOWING YEAR)
- 2" PLANT MIXED BITUMINOUS BINDER COURSE SPEC. 2331
- 3.5" PLANT MIXED BITUMINOUS BASE COURSE SPEC. 2331
- 6" AGGREGATE BASE, CL. 6
- 24" SUBGRADE CORRECTION (USE SELECT GRANULAR BORROW)



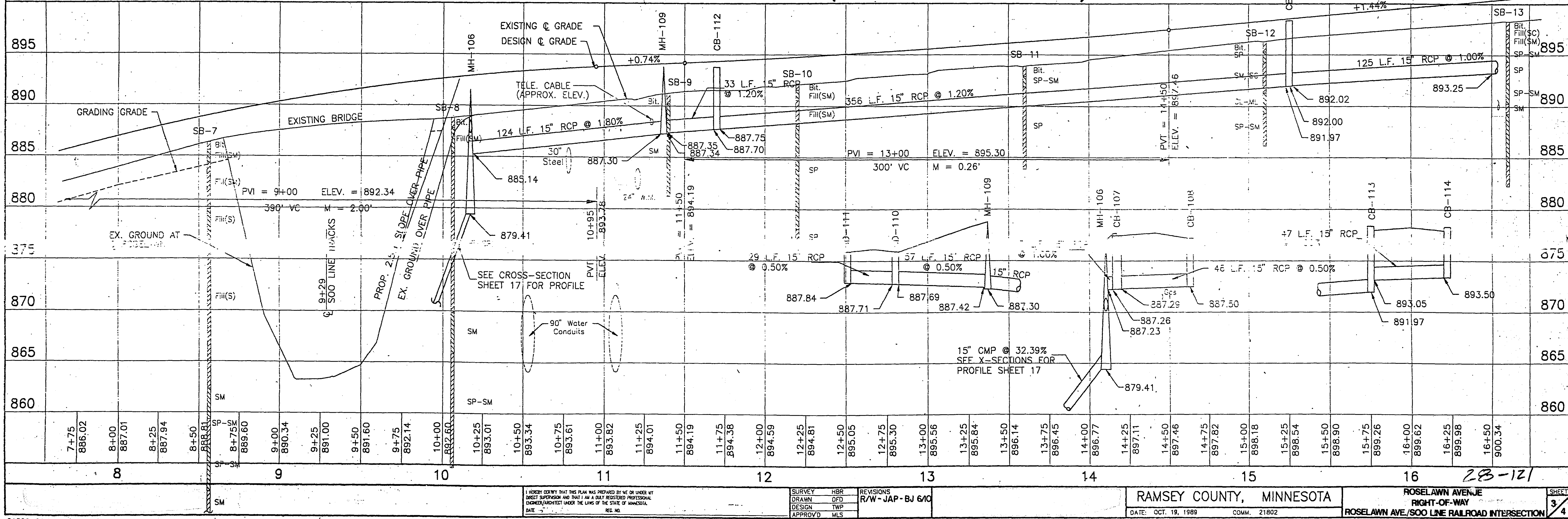
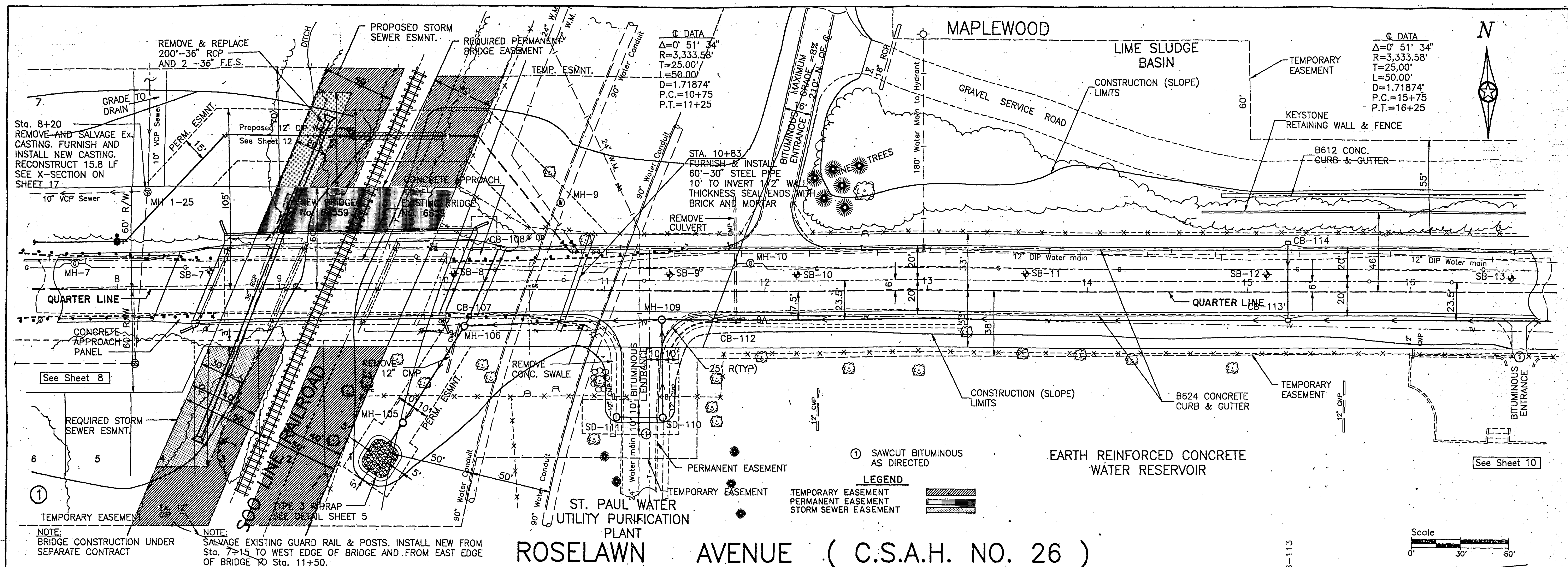
DETAIL B

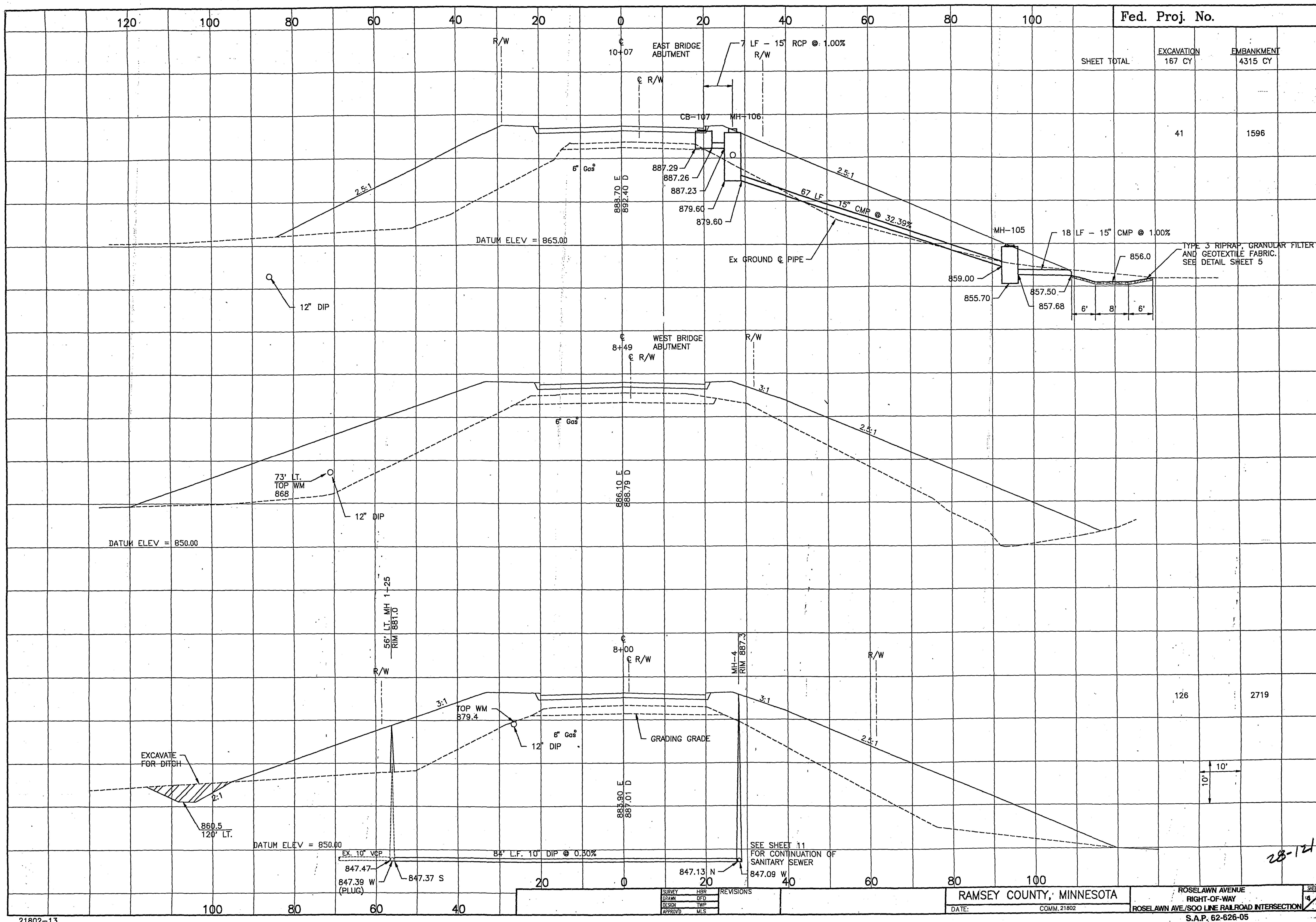
- 1 1/2" PLANT MIXED BITUMINOUS WEARING COURSE SPEC. 2341 (FOLLOWING YEAR)
- 2" PLANT MIXED BITUMINOUS BASE COURSE SPEC. 2331
- 4" AGGREGATE BASE, CL. 6

TYPICAL SECTIONS

Not to Scale

28-124





Fed. Proj. No.

SHEET TOTAL	EXCAVATION 167 CY	EMBANKMENT 4315 CY
41	1596	

126	2719
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REVISIONS
SURV HBR
DRAWN DFD
DESIGN TWP
APPROV MLS

RAMSEY COUNTY, MINNESOTA

DATE: COMM. 21802

ROSELAWN AVENUE
RIGHT-OF-WAY
ROSELAWN AVE./SOO LINE RAILROAD INTERSECTION
S.A.P. 62-626-05

28-121