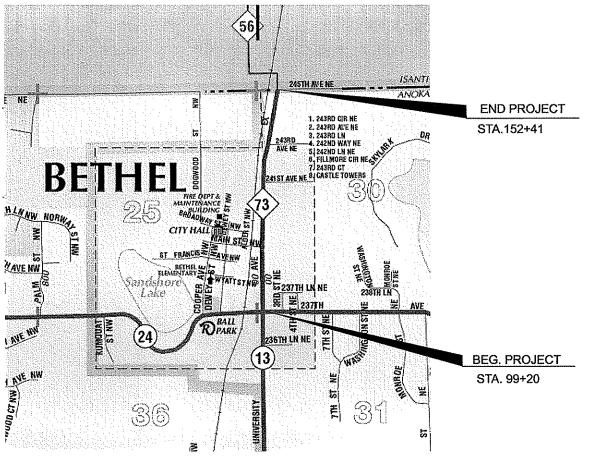
MINNESOTA DEPARTMENT OF TRANSPORTATION **ANOKA COUNTY**

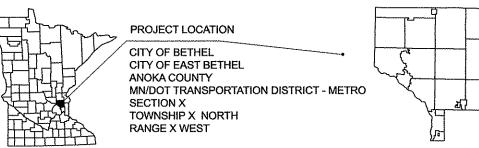
CONSTRUCTION PLAN FOR

2" BITUMINOUS OVERLAY, AGGREGATE SHOULDERING

_ AND ____NORTH COUNTY LINE LOCATED ON _____ BETWEEN ____

> 09-15-73 COUNTY PROJ. NO. _ CR 73 GROSS LENGTH BRIDGES-LENGTH EXCEPTIONS-LENGTH 0 FEET 0 FEET 5321 FEET NET LENGTH





NO	DATE	BY	CKD	APPR	REVISION	
MANEL D	· \ 000100	CD 721	DE AND OL	CDI AV	TEMPLET COVED REEM BRIDGE	7. E1 - EA AN

LICENSE NO. 40416

ANOKA COUNTY HIGHWAY DEPT

STATE PROJECT NO. STATE PROJECT NO. STATE PROJECT NO. STATE PROJECT NO.

09-15-73

TITLE / SEQ

PAVEMENT MARKINGS

PLAN SET

TITLE / SEQ

TYPICALS

DETAILS

PLAN

Sheet

2-3

5-6

09-15-73

Sheet 1 of 8 Sheets

		NOTE		
ITEM NO.	ITEM	NO.	UNIT	TOTAL EST. QUANT.
2021.501	MOBILIZATION		LUMP SUM	1
2104.511	SAWING CONCRETE PAVEMENT (FULL DEPT)		LIN FT	15
2104,604	REMOVE CONCRETE DRIVEWAY PAVEMENT		SQ YD	10
2118.501	AGGREGATE SURFACING CLASS 5	11	TON	192
2221.609	AGGREGATE SHOULDERING CLASS 7B	1	TON	75
2232,604	MILL BITUMINOUS SURFACE (2") (JOINTS)		SQ YD	116
2357.502	BITUMINOUS MATERIAL FOR TACK COAT		GALLON	775
2360.609	TYPE MV3 WEAR (2" MVWE35035 B) MAINLINE WEAR	1	TON	1687
2360,609	TYPE MV3 WEAR (2" MVWE35035 B) STREET APPROACH WEAR	1	TON	134
2531.507	6" CONCRETE DRIVEWAY PAVEMENT		SQ YD	10
2540.602	INSTALL MAIL BOX SUPPORT		EACH	21
2563,601	TRAFFIC CONTROL		LUMP SUM	1
2564.603	4" SOLID LINE WHITE - EPOXY		LIN FT .	10360
2564.603	4" SOLID LINE YELLOW - EPOXY		LINFT	2500
2564,603	4" DOUBLE SOLID LINE YELLOW - EPOXY		LIN FT	1677
2564,603	4" BROKEN LINE YELLOW-EPOXY		LIN FT	702
2580.603	REMOVABLE LANE TAPE	2	LIN FT	419
		1		

STATEMENT OF ESTIMATED QUANTITIES

NOTES

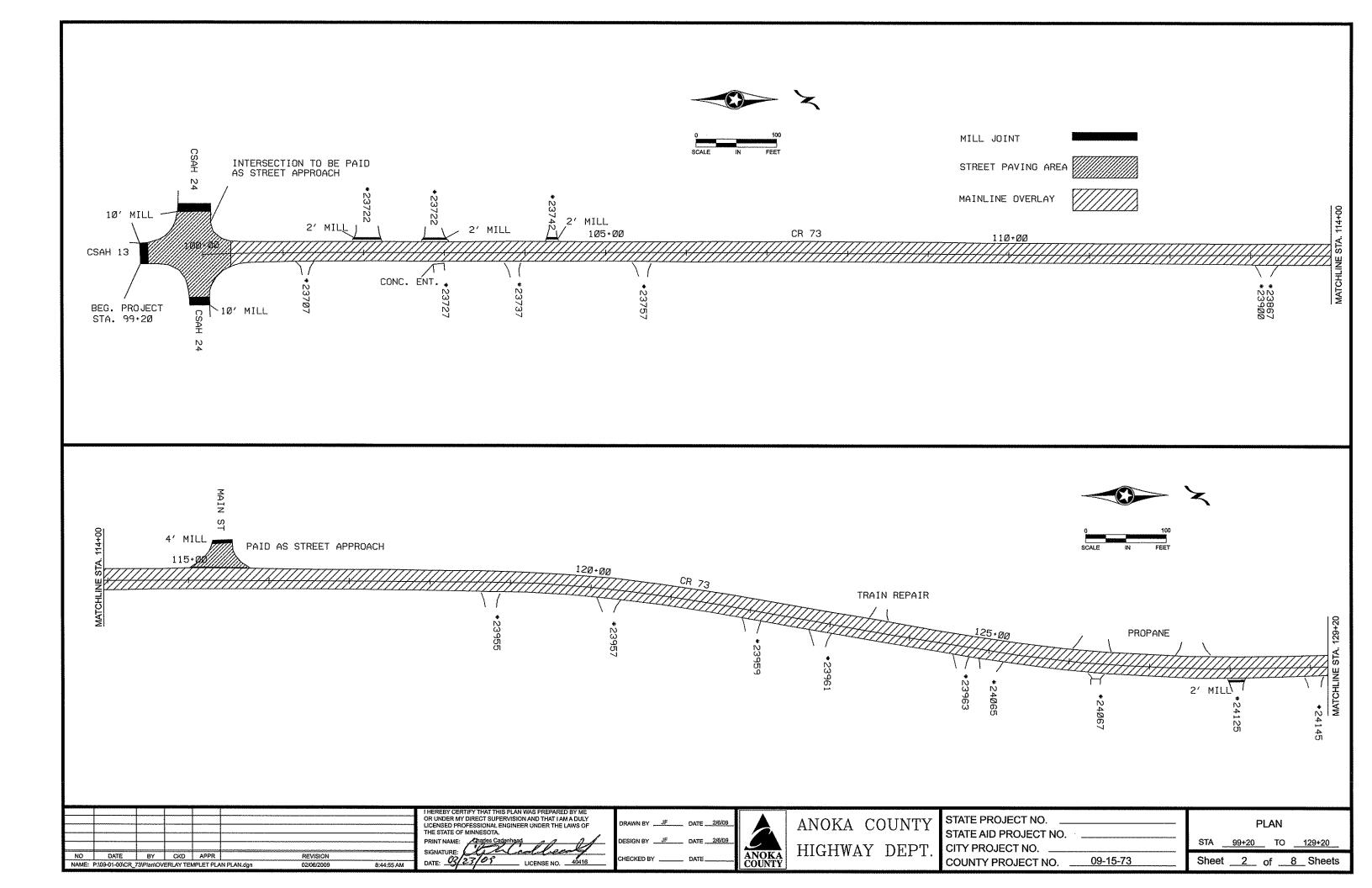
TRUCKING, PLACEMENT AND COMPACTION INCIDENTAL TO ITEM

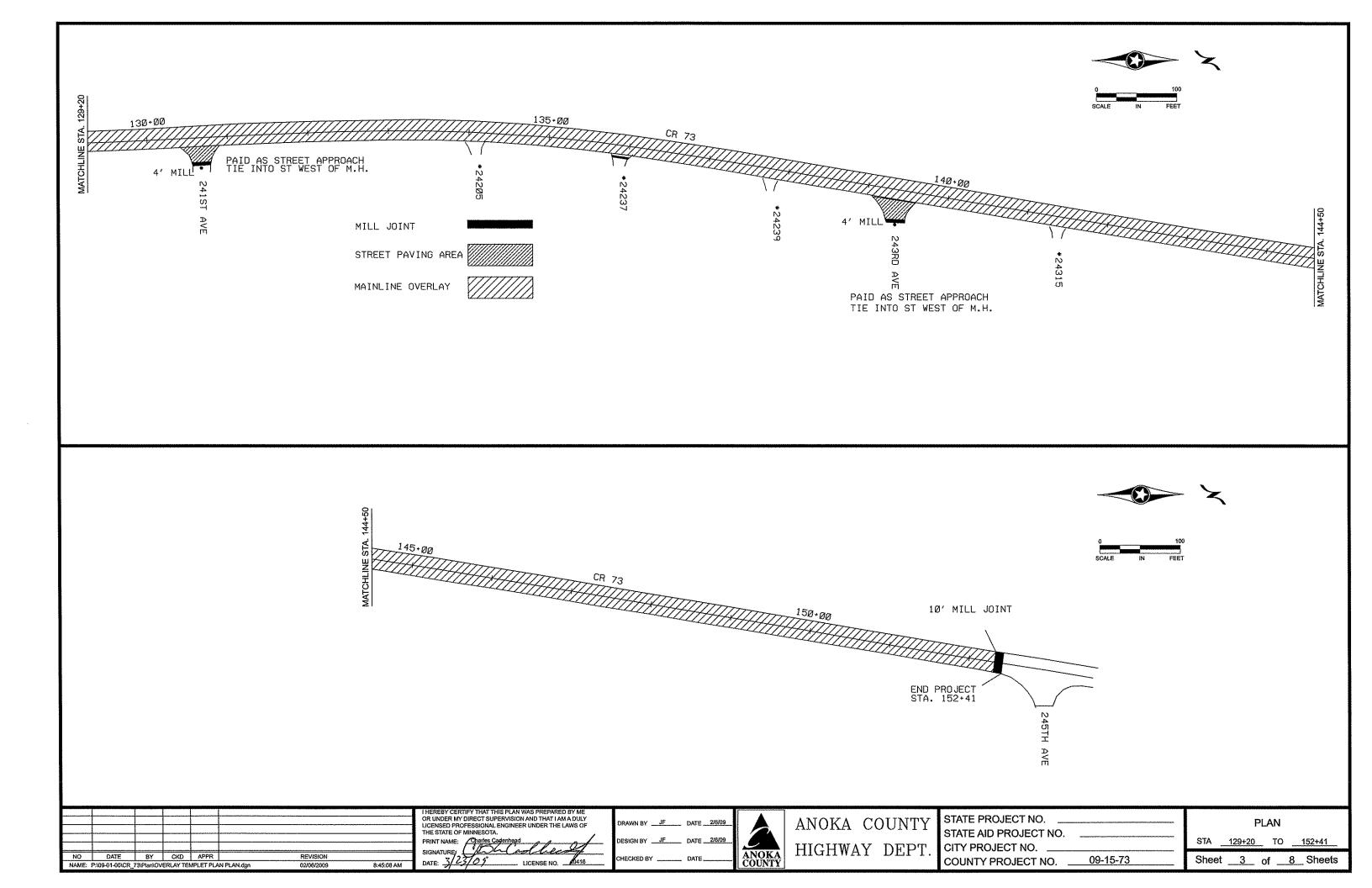
TO BE PLACED PRIOR TO LEAVING SITE AT AND OF DAYS PAVING.

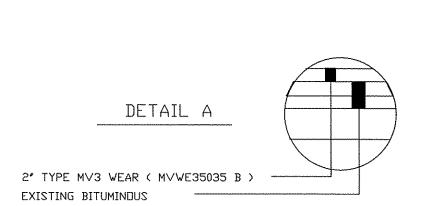
NOTE 1

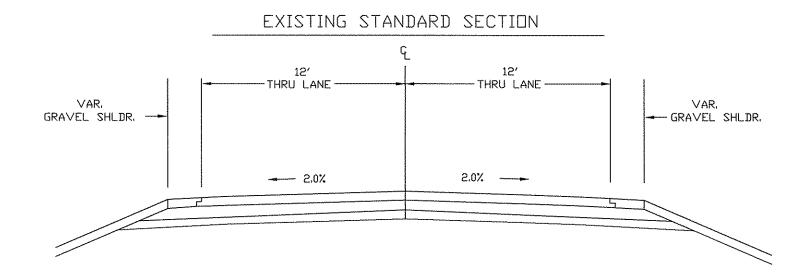
BASIS OF PLANNED QUANTITIES

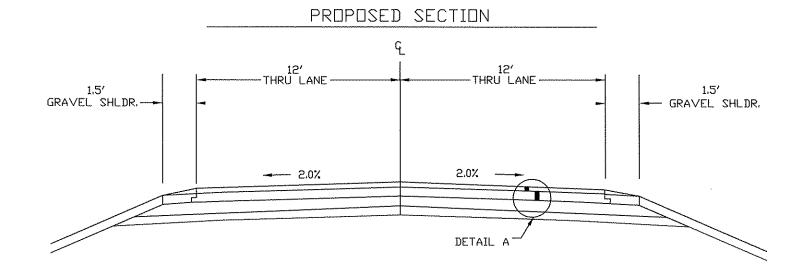
AGGREGATE SHOULDERING CLASS 7B CU YDS * 1.8 = TONS 2221.609 .05 GAL / SQ YD 2357 502 BITUMINOUS MATERIAL FOR TACK COAT 2360.609 TYPE MV3 WEAR MIXTURE (MVWE35035 B) 115 LBS/SQYD/IN THICKNESS REMOVABLE LANE TAPE 4' AT 50' INTERVALS FOR SKIPS











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NO	DATE	BY	CKD	APPR		REVISION		
N.					<u> </u>	KEASOOM		1.
NAME: I	P:109-01-001CR_;	73\Plan\OV	ERLAY TE	UPLET TYP	DETAILS.dgn	02/06/2009	8:45:38 AM	

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

PRINT NAME: Charles Cadenhead,
SIGNATURE: Charles Cadenhead,
DATE: 3/23/07 LICENSE NO. 49416

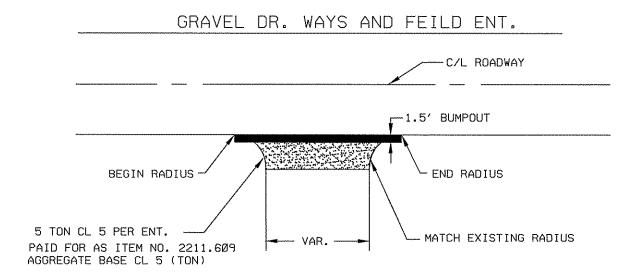


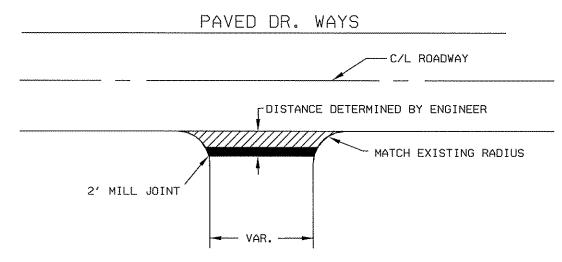
ANOKA COUNTY HIGHWAY DEPT.

STATE PROJECT NO. ______STATE AID PROJECT NO. _____

TYPICALS

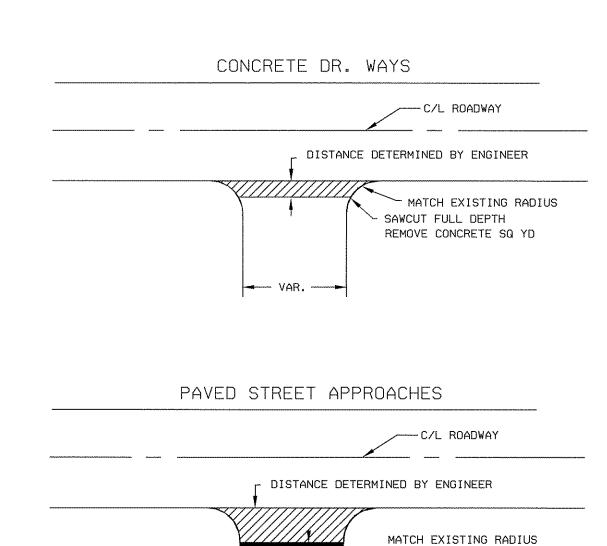
Sheet 4 of 8 Sheets



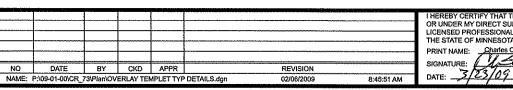


DRIVEWAYS BUMPED OUT AND PAVED WITH MAINLINE PAID AS MAINLINE.

DRIVEWAYS PAVED IN DIFFERENT OPERATION FROM MAIN LINE PAVING PAID AS ST./DR. APPROACH.



VAR. -



I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
PRINT NAME: Charles Cadenhead

LICENSE NO. 4041

DRAWN BY __JF __ D

DESIGN BY __JF __ D

ANOKA

ANOKA COUNTY HIGHWAY DEPT.

STATE PROJECT NO. ______
STATE AID PROJECT NO. _____
CITY PROJECT NO. _____
COUNTY PROJECT NO. _____09-15-73

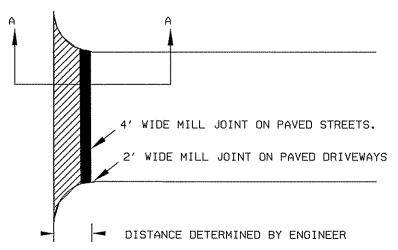
PAVE TO END OF RAD.

4' MILL JOINT

DETAILS

Sheet __5_ of __8_ Sheets

PAVED DRIVEWAYS / PAVED STREETS JOINT DETAILS

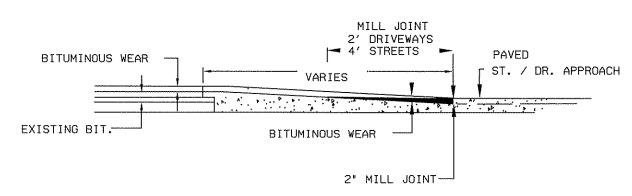


DRIVEWAYS BUMPED OUT AND PAVED WITH MAINLINE, PAID AS MAINLINE.

DRIVEWAYS PAVED IN DIFFERENT OPERATION FROM MAIN LINE PAVING PAID AS ST./DR. APPROACH.

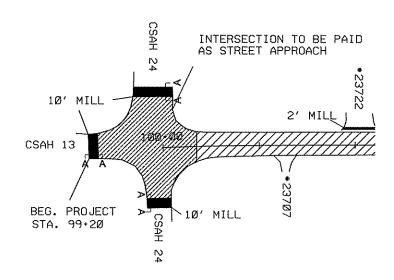
STREETS PAID AS ST./DR. APPROACH.

JOINT DETAILS A - A

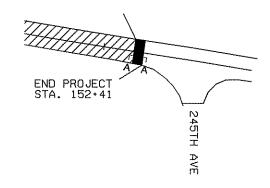


PAID AS STREET APPROACH

MAINLINE JOINT DETAILS



10' MILL JOINT



DETAIL A - A MILL JOINT 10' BEG & END - EX. BIT EX. BIT. 2' MILL

NO DATE BY CKD APPR REVISION NAME: P:09-01-00iCR, 73:PlaniOVERLAY TEMPLET TYP DETAILS.dgn 02/06/2009 8:52:10 AM								
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I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

PRINT NAME: Charles Cadenhead

LICENSE NO. ____40416

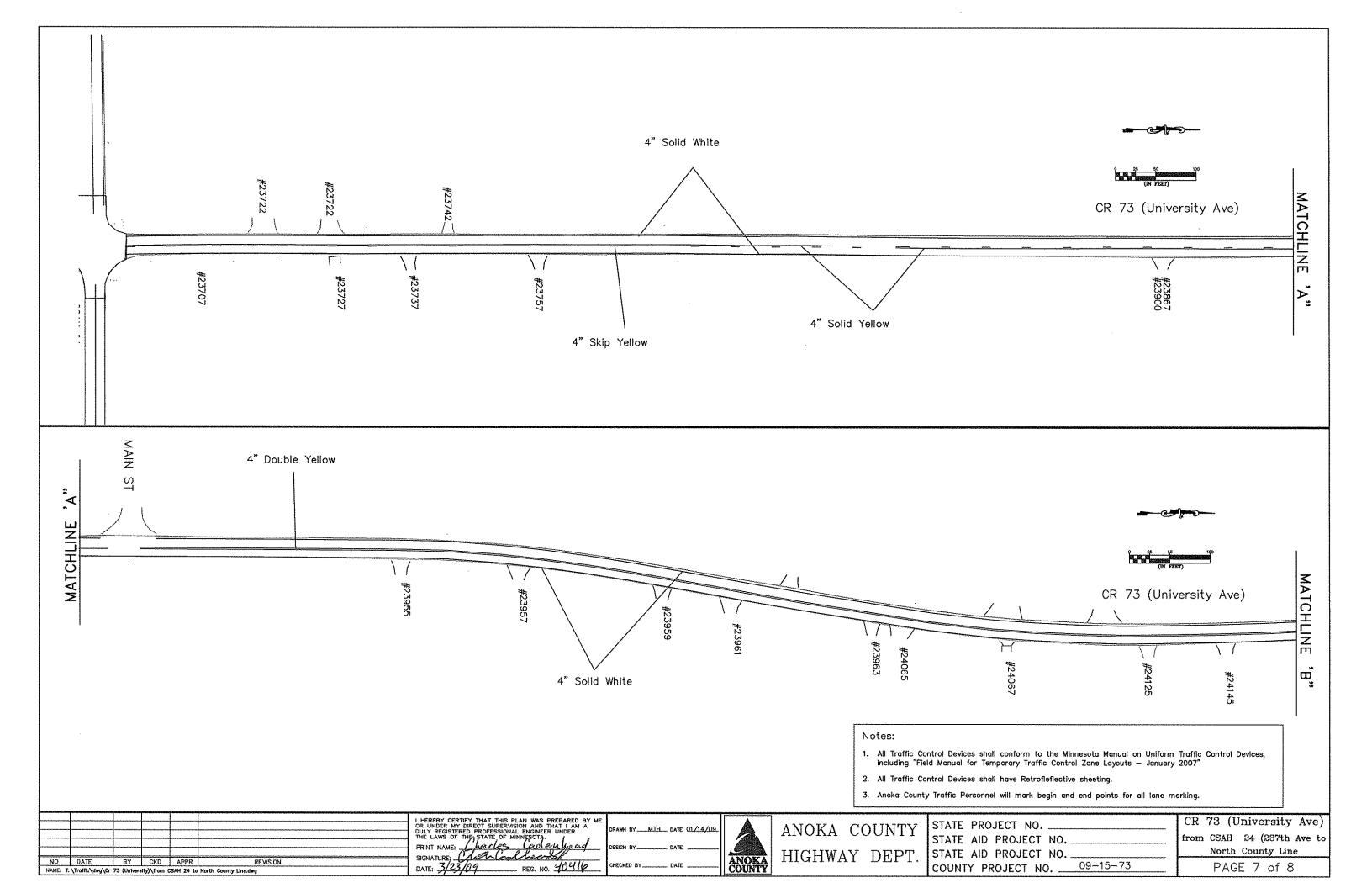
DRAWN BY __JF ___ DATE __2/6/09

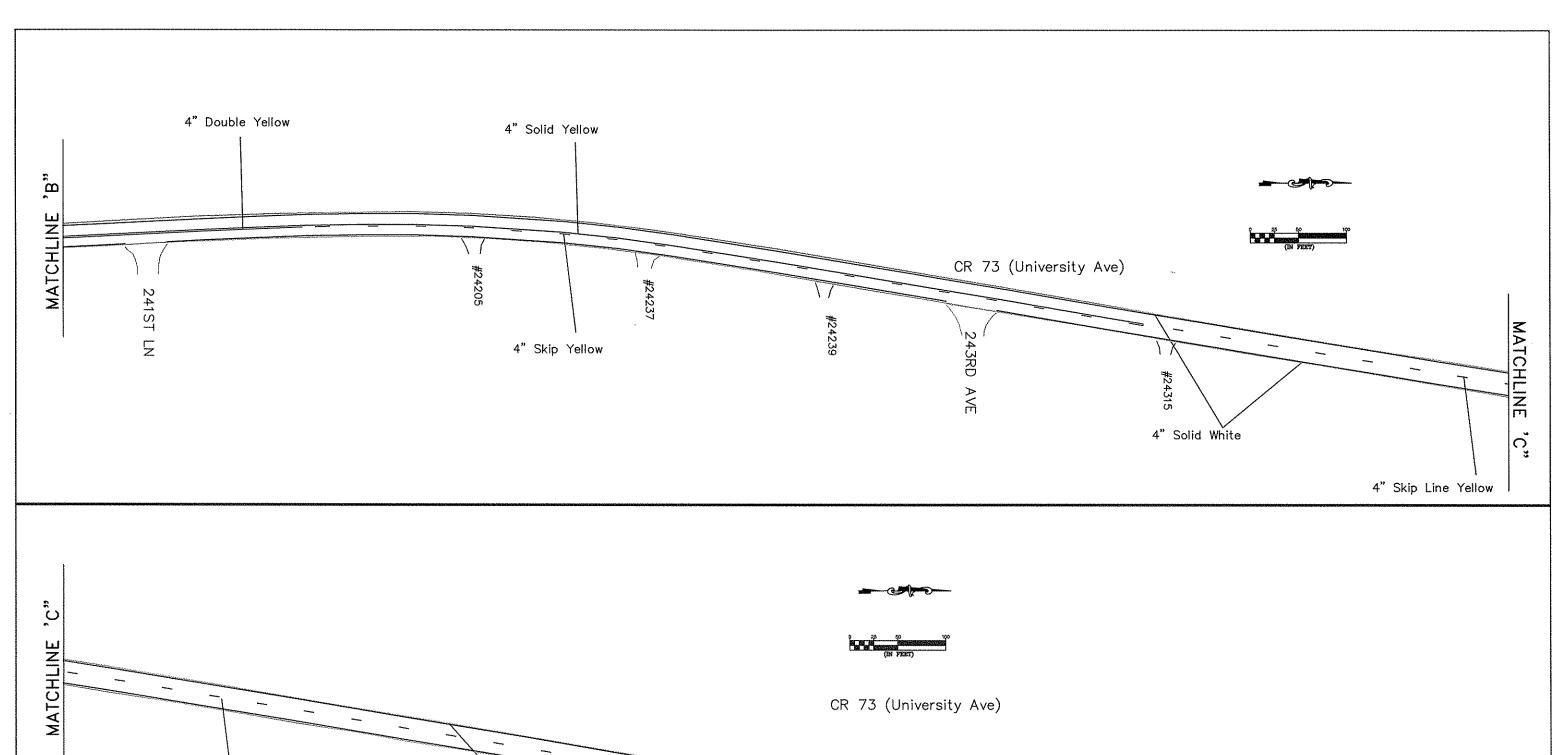
DESIGN BY __JF ___ DATE __2/6/09

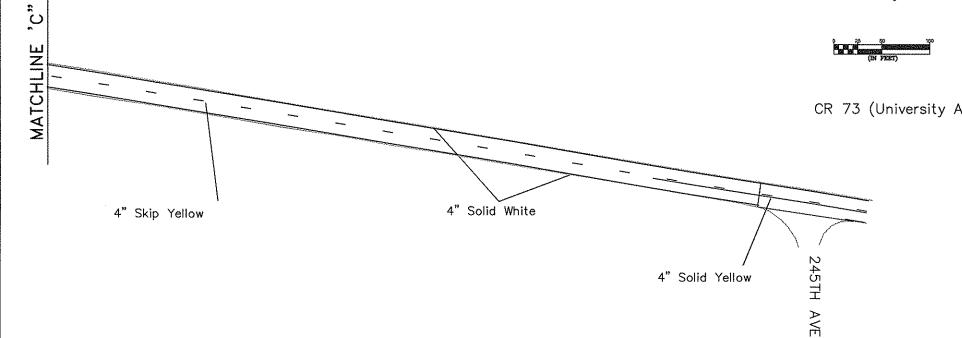


ANOKA COUNTY HIGHWAY DEPT. STATE PROJECT NO. ______ STATE AID PROJECT NO. _____ CITY PROJECT NO. _____ COUNTY PROJECT NO. _____ 09-15-73 _____

DETAILS
Sheet 6 of 8 Sheets







Notes:

- All Traffic Control Devices shall conform to the Minnesota Manual on Uniform Traffic Control Devices, including "Field Manual for Temporary Traffic Control Zone Layouts — January 2007"
- 2. All Traffic Control Devices shall have Retrofleflective sheeting.
- 3. Anoka County Traffic Personnel will mark begin and end points for all lane marking.

NO DATE BY CKD APPR REVISION

NAME: T:\Traffc\dwg\Cr 73 (University\\text{trom CSAH 24 to North County Line.dwg}

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 MINNESOTS.

PRINT NAME: LIGHT REG. NO. 40416

DATE: 2/23/01 REG. NO. 40416

DRAWN BY MTH DATE 01/14/09.

DESIGN BY DATE

CHECKED BY DATE



ANOKA COUNTY HIGHWAY DEPT.

STATE PROJECT NO.

STATE AID PROJECT NO.

STATE AID PROJECT NO.

COUNTY PROJECT NO. 09-15-73

CR 73 (University Ave)
from CSAH 24 (237th Ave to
North County Line
PAGE 8 of 8