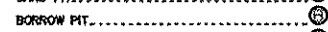
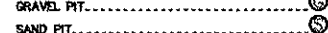
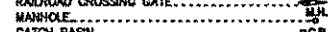
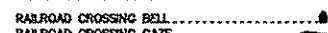
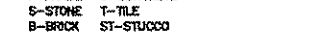
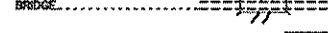
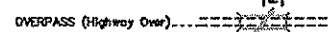
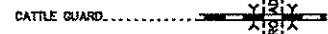
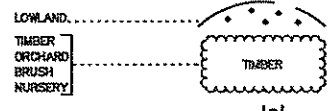


PLAN SYMBOLS

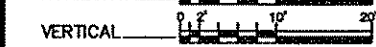
- COUNTY LINE.....
- TOWNSHIP OR RANGE LINE.....
- SECTION LINE.....
- QUARTER LINE.....
- SIXTEENTH LINE.....
- RIGHT OF WAY LINE.....
- SLOPE EASEMENT.....
- EASTING RIGHT OF WAY.....
- PROPERTY LINE.....
- CORPORATE OR CITY LIMITS.....
- RETAINING WALL.....
- RAILROAD.....
- RAILROAD RIGHT OF WAY.....
- RIVER OR CREEK.....
- DRAINAGE DITCH.....
- CULVERT.....
- DROP INLET.....
- GUARD RAIL.....
- BARBED WIRE FENCE.....
- WOVEN WIRE FENCE.....
- CHAIN LINK FENCE.....
- WOOD FENCE.....
- STONE WALL OR FENCE.....
- HEDGE.....



UTILITY SYMBOLS

- POWER POLE LINE.....
- TELEPHONE OR TELEGRAPH POLE LINE.....
- JOINT TELEPHONE & POWER ON POWER POLES.....
- ON TELEPHONE POLES.....
- ANCHOR.....
- STEEL TOWER.....
- STREET LIGHT.....
- PEDESTAL (Cable Terminal).....
- GAS MAIN.....
- WATERMAIN.....
- TELEPHONE CABLE IN CONDUIT.....
- ELECTRIC CABLE IN CONDUIT.....
- TELEPHONE MANHOLE.....
- ELECTRIC MANHOLE.....
- BURIED TELEPHONE CABLE.....
- BURIED ELECTRIC CABLE.....
- AERIAL TELEPHONE CABLE.....
- SEWER (Sanitary or Storm).....
- SEWER MANHOLE.....

SCALES



MINNESOTA DEPARTMENT OF TRANSPORTATION

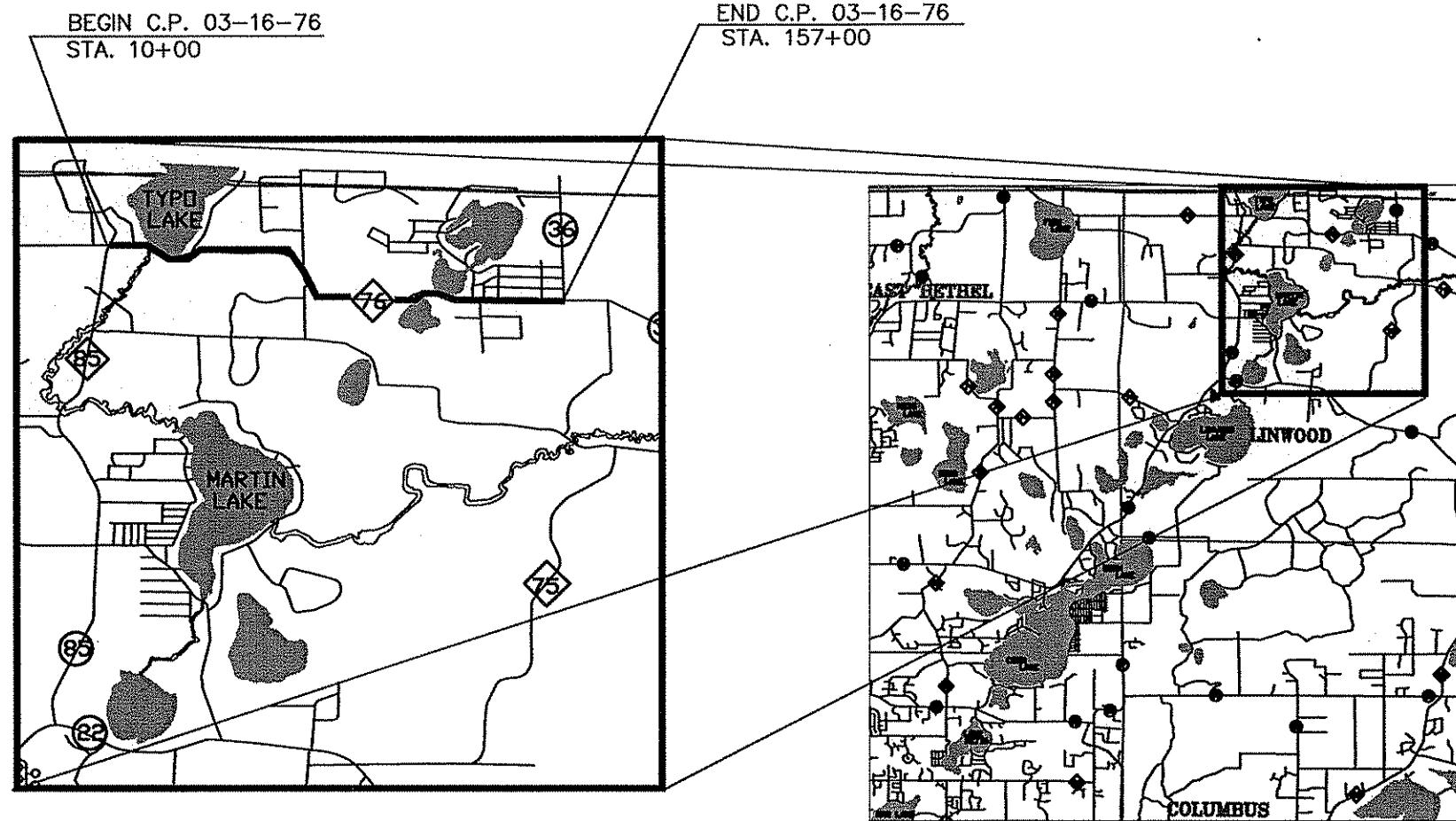
ANOKA COUNTY

CONSTRUCTION PLAN FOR COLD-INPLACE RECYCLE / BITUMINOUS OVERLAY & AGGREGATE SHOULDERING

LOCATED ON CR. 76 FROM C.R. 85 TO C.R. 36

COUNTY PROJ. NO. 03-16-76
C.R. 76

GROSS LENGTH	14700.00	FEET	2.784	MILES
BRIDGES-LENGTH	0.00	FEET	0.000	MILES
EXCEPTIONS-LENGTH	0.00	FEET	0.000	MILES
NET LENGTH	14700.00	FEET	2.784	MILES



BEGIN C.P. 03-16-76
STA. 10+00

END C.P. 03-16-76
STA. 157+00

MINN. PROJ. NO. _____
MINN. PROJ. NO. _____

GOVERNING SPECIFICATIONS

THE 2000 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN. ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MMUTCD, INCLUDING "FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS - JANUARY, 2001."

INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	SEQ /MISC. QUAN.
3 - 4	TABULATION CHARTS
5 - 6	TYPICAL SECTIONS
7 - 9	DETAILS
10 - 14	STRIPING PLANS

THIS PLAN CONTAINS 14 SHEETS

DESIGN DESIGNATION

ESAL ₂₀	372,958
R VALUE	70
ADT (2001)=	2588
Proj. ADT (2021)=	3882
Proj. HCADT (2021)=	229
Soil Factor	NA
TON DESIGN	

Functional Classification COLLECTOR
No. of Traffic Lanes 2 No. of Parking Lanes 0
Design Speed 50 MPH
Based on Stopping Sight Distance
Height of eye 3.5' Height of object 0.5'
Design Speed not achieved at:
STA. _____ TO STA. _____ MPH
STA. _____ TO STA. _____ MPH
STA. _____ TO STA. _____ MPH

Approved 4/29/2003 *[Signature]*
ANOKA COUNTY ENGINEER

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: MARK DALY
SIGNATURE: *[Signature]*
DATE: 4/29/2003 LICENSE NO. 21763

DRAWN BY J.E. DATE 4/1/03
DESIGN BY G.A. DATE 4/1/03
CHECKED BY _____ DATE _____



ANOKA COUNTY
HIGHWAY DEPT.

STATE PROJECT NO. _____
STATE AID PROJECT NO. _____
STATE AID PROJECT NO. _____
COUNTY PROJECT NO. 03-16-76

TITLE SHEET


Sheet 1 of 14 Sheets

NO	DATE	BY	CHKD	APPR	REVISION

A. STATEMENT OF ESTIMATED QUANTITIES					
TAB.	ITEM NO.	ITEM	NOTE NO.	UNIT	QTY.
	2021.501	MOBILIZATION		LUMP SUM	1.00
J	2104.503	REMOVE CONCRETE DRIVEWAY PAVEMENT	4	SQ YD	18.00
L	2104.511	SAWING CONCRETE PAVEMENT (FULL DEPTH)		LIN FT	16.00
	2123.503	MOTOR GRADER	2	HOUR	10.00
	2123.521	PNEUMATIC-TIRED ROLLER	2	HOUR	10.00
	2130.501	WATER	2	M-GAL	12.00
N	2211.501	AGGREGATE BASE CLASS-5	3	TON	280.00
M	2221.501	AGGREGATE SHOULDERING CLASS-7B	3	TON	1410.00
I	2232.501	MILL BITUMINOUS SURFACE (2")		SQ YD	70.00
D	2331.604	COLD IN-PLACE RECYCLE BITUMINOUS MIXTURE		SQ YD	42950.00
E	2331.609	BITUMINOUS MATERIAL FOR MIXTURE		TON	248.00
F	2350.609	TYPE LV 3 WEARING COURSE MIXTURE	1	TON	5150.00
G	2350.609	TYPE LV 4 WEARING COURSE MIXTURE, STREET APPR & ENT.	1	TON	265.00
H	2357.502	BITUMINOUS MATERIAL FOR TACK COAT		GALLON	2105.00
K	2531.507	6" CONCRETE DRWEWAY PAVEMENT		SQ YD	18.00
P	2540.602	INSTALL MAIL BOX SUPPORT		EACH	48.00
	2563.601	TRAFFIC CONTROL		LUMP SUM	1.00
	2563.604	CONSTRUCTION SIGN SPECIAL (DIAMOND GRADE)	5	SQ FT	112.00
Q	2564.603	4" SOLID LINE WHITE- EPOXY		LIN FT	28744.00
Q	2564.603	4" SOLID LINE YELLOW- EPOXY		LIN FT	1690.00
Q	2564.603	4" BROKEN LINE YELLOW- EPOXY		LIN FT	4425.00
Q	2564.603	4" DOUBLE SOLID LINE YELLOW-EPOXY		LIN FT	6211.00
O	2580.501	TEMPORARY LANE MARKING		LIN FT	2352.00

C. CONSTRUCTION NOTES	
1	INCLUDES QUANTITY FOR ADDING 1/4" TO THE DESIGN THICKNESS.
2	FOR SHAPING AND COMPACTION OF AGGREGATE STREET APPROACHES PRIOR TO PAVING.
3	RECYCLED GLASS WILL NOT BE ALLOWED IN CL-5 & CL-7B.
4	AS DIRECTED BY THE ENGINEER.
5	2 - 8' X 7' SIGNS, SEE SPECIAL PROVISIONS.

B. BASIS OF ESTIMATED QUANTITIES	
SPEC NO.	RATE
2331	BITUMINOUS MATERIAL FOR MIXTURE 3% BY WEIGHT OF MILLED BITUMINOUS MATERIAL
2350	LV 3 WEARING COURSE MIXTURE, (LVWE35030C) LV 4 WEARING COURSE MIXTURE, STREET APPR. & ENT. (LVWE45030C) 110 LBS / SQ YD / INCH
2357	BITUMINOUS MATERIAL FOR TACK COAT 0.05 GAL SQ / YD / PER LIFT APPLIED

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: <u>MARK DALY</u> SIGNATURE: <u>[Signature]</u> DATE: <u>4/24/2003</u> LICENSE NO. <u>21763</u>					DRAWN BY: <u>J.F.</u> DATE <u>4/1/03</u> DESIGN BY: <u>G.A.</u> DATE <u>4/1/03</u> CHECKED BY: _____ DATE _____	 ANOKA COUNTY HIGHWAY DEPT.	STATE PROJECT NO. _____ STATE AID PROJECT NO. _____ STATE AID PROJECT NO. _____ COUNTY PROJECT NO. <u>03-16-76</u>	STATEMENT OF ESTIMATED QUANTITIES Sheet <u>2</u> of <u>14</u> Sheets
NO	DATE	BY	CHKD	APPR	REVISION			

D. COLD IN-PLACE RECYCLE BITUMINOUS MIXTURE				
MAINLINE STA.	STA.	L'	W'	SQ. YDS.
0	11530	11530	25	32027.8
11530	14700	3170	31	10918.9
				TOTAL SQ YDS. 42946.7

E. BIT. MATERIAL FOR MIXTURE (COLD IN-PLACE RECYCLE 3% OF (110LBS/IN/SQ.YD.))			
SQ. YDS.	INCHES	TONS	
42946.7	3.5	248.0	
TONS = 248.0			

F. TYPE LV3 WEARING COURSE MAIN LINE 2.25 IN. (110LBS/IN/SY)				
MAINLINE STA.	STA.	L'	W'	SQ. YDS.
0	11530	11530	24	30746.7
11530	14700	3170	30	10566.7
1.5' KICK OUTS				
HSE. # 6828	RT.	42	1.5	7.0
HSE. # 6940	RT.	58	1.5	9.7
HSE. # 7024	RT.	44	1.5	7.3
PUBLIC ACCESS ENT.	LT.	58	1.5	9.7
BLDG. #7100	RT.	90	1.5	15.0
HSE. # 7157	LT.	34	1.5	5.7
HSE. # 7341	LT.	35	1.5	5.8
HSE. # 7375	LT.	41	1.5	6.8
HSE. # 7419	LT.	32	1.5	5.3
HSE. # 7740	RT.	35	1.5	5.8
HSE. # 7780	RT.	31	1.5	5.2
HSE. # 7815	LT.	36	1.5	6.0
HSE. # 8020	RT.	31	1.5	5.2
HSE. # 8050	RT.	36	1.5	6.0
HSE. # 8055	LT.	32	1.5	5.3
HSE. # 8055	LT.	30	1.5	5.0
HSE. # 8147	LT.	52	1.5	8.7
HSE. # 8210	RT.	34	1.5	5.7
UNKNOWN ADDR.	RT.	34	1.5	5.7
HSE. # 8256	RT.	32	1.5	5.3
HSE. # 8335	LT.	35	1.5	5.8
HSE. # 8465	LT.	35	1.5	5.8
HSE. # 8448	RT.	36	1.5	6.0
HSE. # 8511	LT.	30	1.5	5.0
HSE. # 8514	RT.	31	1.5	5.2
HSE. # 8525	LT.	31	1.5	5.2
HSE. # 8528	RT.	30	1.5	5.0
HSE. # 8542	RT.	31	1.5	5.2
HSE. # 8559	LT.	31	1.5	5.2
HSE. # 8563	LT.	30	1.5	5.0
HSE. # 8563	LT.	35	1.5	5.8
HSE. # 8562	RT.	34	1.5	5.7
HSE. # 8627	LT.	31	1.5	5.2
HSE. # 8631	LT.	32	1.5	5.3
HSE. # 8633	LT.	32	1.5	5.3
HSE. # 8643	LT.	30	1.5	5.0
HSE. # 8644	RT.	40	1.5	6.7
FIELD ENT.	LT.	36	1.5	6.0
FIELD ENT.	RT.	42	1.5	7.0
FIELD ENT.	LT.	44	1.5	7.3
FIELD ENT.	RT.	36	1.5	6.0
FIELD ENT.	LT.	38	1.5	6.3
FIELD ENT.	LT.	35	1.5	5.8
				SQ. YDS. = 41580.3
				TONS = 5146.0

G. TYPE LV4 WEARING COURSE ENT. / ST. APPR. 2.25 IN. (110LBS/IN/SY)				
	LOC	L'	W'	SQ. YDS.
HSE. # 6847	LT.	30	10	33.3
HSE. # 6940	RT.	20	10	22.2
HSE. # 24123	LT.	30	10	33.3
HSE. # 7233	LT.	29	10	32.2
HSE. # 7233	LT.	20	10	22.2
HSE. # 7263	LT.	26	10	28.9
HSE. # 7860	RT.	22	10	24.4
HSE. # 7960	RT.	17	10	18.9
HSE. # 8207	LT.	26	10	28.9
HSE. # 8282	RT.	19	10	21.1
HSE. # 8330	RT.	15	10	16.7
HSE. # 8434	RT.	20	10	22.2
HSE. # 8500	RT.	17	10	18.9
HSE. # 8629	LT.	16	10	17.8
UNKNOWN ADD.	RT.	18	10	20.0
WEST FAWN RD. N.E.	LT.	50	30	166.7
WEST TYPO DR. NE.	LT.	54	30	180.0
EAST TYPO DR. NE.	LT.	54	30	180.0
FAWN LAKE DR.	RT.	46	30	153.3
THAMES ST. NE.	LT.	62	30	206.7
THAMES ST. NE.	RT.	52	30	173.3
JULLIARD ST. NE.	RT.	62	30	206.7
JULLIARD ST. NE.	LT.	48	30	160.0
LOYOLA ST. NE.	LT.	51	30	170.0
PURDUE ST. NE.	LT.	53	30	176.7
				SQ. YDS. = 2134.4
				TONS = 264.0

H. BITUMINOUS MATERIAL FOR TACK			
	SQ YDS	GAL / SQ YD	GALLONS
LV3 WEAR MAIN LINE	41580.0	0.05	2079.0
LV4 WEAR ST. APPR.	528.0	0.05	26.4
			TOTAL GALLONS 2105.4

I. MILL BITUMINOUS SURFACE (BUTT JOINTS)				
STA. / ADDR.	LOC	L'	W'	SQ. YDS.
STA. 10+00	C/L	24	4.0	10.7
STA. 115+30	C/L	30	4.0	13.3
STREET APPR.				
WEST FAWN RD.	LT.	25	4.0	11.1
BIT. DRIVES				
HSE. # 6847	LT.	14	1.5	2.3
HSE. # 6940	RT.	17	1.5	2.8
HSE. # 24123	LT.	21	1.5	3.5
HSE. # 7233	LT.	14	1.5	2.3
HSE. # 7233	LT.	10	1.5	1.7
HSE. # 7263	LT.	14	1.5	2.3
HSE. # 7680	RT.	10	1.5	1.7
HSE. # 7960	RT.	14	1.5	2.3
HSE. # 8207	LT.	20	1.5	3.3
HSE. # 8282	RT.	13	1.5	2.2
HSE. # 8330	RT.	12	1.5	2.0
HSE. # 8434	RT.	10	1.5	1.7
HSE. # 8500	RT.	11	1.5	1.8
HSE. # 8629	LT.	13	1.5	2.2
HSE. # UNKNOWN	RT.	12	1.5	2.0
				SQ. YDS. = 69.3

NO	DATE	BY	CHKD	APPR	REVISION

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: MARK DAIS

SIGNATURE: *Mark Dais*

DATE: 4/24/2005 LICENSE NO. 21763

DRAWN BY J.F. DATE 4/1/03

DESIGN BY G.A. DATE 4/1/03

CHECKED BY _____ DATE _____



ANOKA COUNTY
HIGHWAY DEPT.

STATE PROJECT NO. _____
STATE AID PROJECT NO. _____
STATE AID PROJECT NO. _____
COUNTY PROJECT NO. 03-16-76

TABULATIONS

Sheet 3 of 14 Sheets

J. REMOVE CONCRETE DRIVEWAY PAVEMENT					
	LOC	L'	W'	SQ. YDS.	
1)	HSE. # 7455	LT.	16	10	17.8

K. 6" CONCRETE DRIVEWAY PAVEMENT					
	LOC	L'	W'	SQ. YDS.	
1)	HSE. # 7455	LT.	16	10	17.8

L. SAWING CONCRETE PAVEMENT FULL DEPTH					
	LOC	L'		LIN. FT.	
1)	HSE. # 7455	LT.	16		16.0

M. AGGREGATE SHOULDERING CL-7B/C						
LOC.	STA.	STA.	L-IN STA.	DEPTH	CU. YDS./STA.)	CU.YDS.(CV)
LT	0	11530	115.3	3.5"	2.78	320.5
RT	0	11530	115.3	3.5"	2.78	320.5
LT	11530	14700	31.7	3.5"	2.23	70.7
RT	11530	14700	31.7	3.5"	2.23	70.7
						CU. YDS. (CV) 782.5
						TONS 1408.4

O. TEMPORARY LANE MARKING							
	STA.	STA.	LOC.	LENGTH	TAPE LENGTH	LIFTS	LIN. FT.
	0	14700	C/L	14700	1176	2	2352
							LIN. FT. = 2352.0

P. MAIL BOX SUPPORTS									
1)	HSE. # 6828	RT.	17)	HSE. # 7860	LT.	33)	HSE. # 8500	LT.	
2)	HSE. # 6847	LT.	18)	HSE. # 7960	LT.	34)	HSE. # 8503	LT.	
3)	HSE. # 6940	RT.	19)	HSE. # 8020	LT.	35)	HSE. # 8511	LT.	
4)	HSE. # 7024	RT.	20)	HSE. # 8050	LT.	36)	HSE. # 8514	LT.	
5)	HSE. # 7060	RT.	21)	HSE. # 8055	LT.	37)	HSE. # 8525	LT.	
6)	HSE. # 7100	RT.	22)	HSE. # 8147	LT.	38)	HSE. # 8528	LT.	
7)	HSE. # 7157	LT.	23)	HSE. # 8207	LT.	39)	HSE. # 8542	LT.	
8)	HSE. # 7233	LT.	24)	HSE. # 8210	LT.	40)	HSE. # 8559	LT.	
9)	HSE. # 7263	LT.	25)	HSE. # 8256	LT.	41)	HSE. # 8562	LT.	
10)	HSE. # 7341	LT.	26)	HSE. # 8330	LT.	42)	HSE. # 8563	LT.	
11)	HSE. # 7375	LT.	27)	HSE. # 8335	LT.	43)	HSE. # 8627	LT.	
12)	HSE. # 7419	LT.	28)	HSE. # 8441	LT.	44)	HSE. # 8629	LT.	
13)	HSE. # 7455	LT.	29)	HSE. # 8434	LT.	45)	HSE. # 8631	LT.	
14)	HSE. # 7740	LT.	30)	HSE. # 8465	LT.	46)	HSE. # 8633	LT.	
15)	HSE. # 7780	LT.	31)	HSE. # 8448	LT.	47)	HSE. # 8643	LT.	
16)	HSE. # 7815	LT.	32)	HSE. # 8475	LT.	48)	HSE. # 8644	LT.	

N. AGGREGATE BASE CLASS 5		
STREET / ADDR.	LOC.	TON
ST. APPR.(AGG.)		
WEST TOPO DR.	LT.	7
EAST TOPO DR.	LT.	7
FAWN LAKE DR.	RT.	7
THAMES ST.	LT.	7
THAMES ST.	RT.	7
JULLIARD ST.	RT.	7
JULLIARD ST.	LT.	7
LOYOLA ST.	LT.	7
PURDUE ST	LT.	7
DR. (AGG.)		
HSE. # 6828	RT.	5
HSE. # 6940	RT.	5
HSE. # 7024	RT.	5
PUBLIC ACCESS EN	LT.	5
BLDG. #7100	RT.	5
HSE. # 7157	LT.	5
HSE. # 7341	LT.	5
HSE. # 7375	LT.	5
HSE. # 7419	LT.	5
HSE. # 7740	RT.	5
HSE. # 7780	RT.	5
HSE. # 7815	LT.	5
HSE. # 8020	RT.	5
HSE. # 8050	RT.	5
HSE. # 8055	LT.	5
HSE. # 8055	LT.	5
HSE. # 8147	LT.	5
HSE. # 8210	RT.	5
UNKNOWN ADDR.	RT.	5
HSE. # 8256	RT.	5
HSE. # 8335	LT.	5
HSE. # 8465	LT.	5
HSE. # 8448	RT.	5
HSE. # 8511	LT.	5
HSE. # 8514	RT.	5
HSE. # 8525	LT.	5
HSE. # 8528	RT.	5
HSE. # 8542	RT.	5
HSE. # 8559	LT.	5
HSE. # 8562	LT.	5
HSE. # 8563	LT.	5
HSE. # 8563	LT.	5
HSE. # 8562	RT.	5
HSE. # 8627	LT.	5
HSE. # 8631	LT.	5
HSE. # 8633	LT.	5
HSE. # 8643	LT.	5
HSE. # 8644	RT.	5
		TONS 278

Q. PERMANENT STRIPING	
DISCIPTION	LIN. FT.
4" SOLID LINE WHITE- EPOXY	28744
4" SOLID LINE YELLOW- EPOXY	1690
4" BROKEN LINE YELLOW- EPOXY	4425
4" DOUBLE SOLID LINE YELLOW-EPOXY	6211

NO	DATE	BY	CHKD	APPR	REVISION

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: MARK DALY

SIGNATURE: [Signature]

DATE: 4/24/2003 LICENSE NO. 21763

DRAWN BY: J.F. DATE 4/1/03

DESIGN BY: G.A. DATE 4/1/03

CHECKED BY: _____ DATE _____



ANOKA COUNTY
HIGHWAY DEPT.

STATE PROJECT NO. _____

STATE AID PROJECT NO. _____

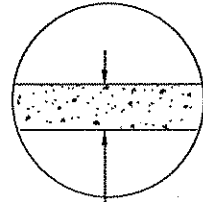
STATE AID PROJECT NO. _____

COUNTY PROJECT NO. 03-16-76

TABULATIONS

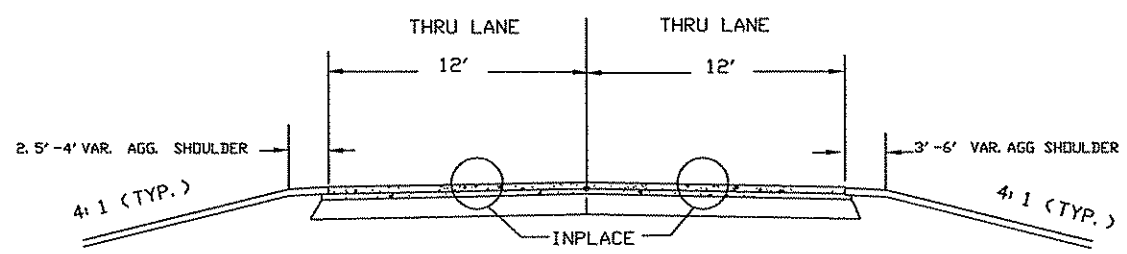
Sheet 4 of 14 Sheets

INPLACE SECTION
10+00 - 115+30

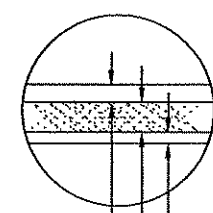


± 4 1/2' INPLACE BIT SURFACING
(PROPOSED DEPTH OF C. I. R. = 3 1/2')

EXISTING ROADWAY
10+00 - 115+30
CL

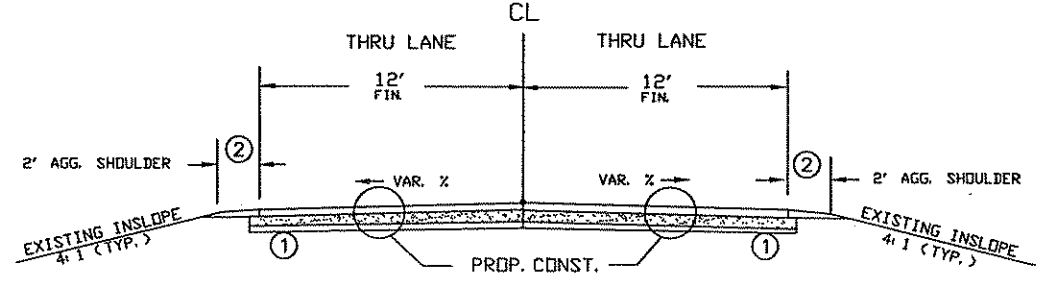


PROPOSED SECTION
10+00 - 115+30



2' TYPE LV 3 WEARING COURSE (LVWE35030C)
3 1/2' COLD IN-PLACE RECYCLED BITUMINOUS MIXTURE
1' EXISTING BIT

PROPOSED CONSTRUCTION
STA. 10+00 - STA. 115+30
CL



COLD IN-PLACE BITUMINOUS MIXTURE WIDTH = 25'

- ① OVERLAY COLD INPLACE MATERIAL WITH 1 LIFT OF LV3 WEAR
2" TYPE LV 3 WEARING COURSE (LVWE35030C), 24" IN WIDTH.
3 1/2" COLD INPLACE RECYCLE, 25' IN WIDTH.
- ② 2" AGG. SHOULDER CL-7B BLENDED DOWN TO EXISTING INSLOPE.

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: **MARK DALY**
SIGNATURE: *Mark Daly*
DATE: **4/24/2003** LICENSE NO. 21763

DRAWN BY **J.F.** DATE **4/1/03**
DESIGN BY **G.A.** DATE **4/1/03**
CHECKED BY _____ DATE _____



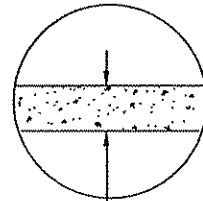
ANOKA COUNTY
HIGHWAY DEPT.

STATE PROJECT NO. _____
STATE AID PROJECT NO. _____
STATE AID PROJECT NO. _____
COUNTY PROJECT NO. **03-16-76**

TYPICAL SECTIONS

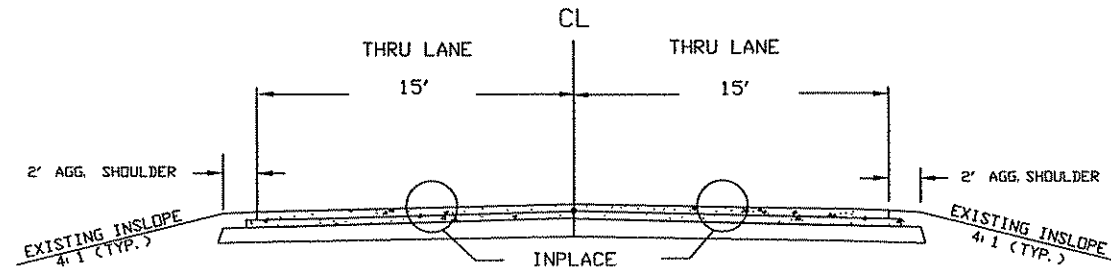
NO	DATE	BY	CHKD	APPR	REVISION

INPLACE SECTION
115+30 - 147+00

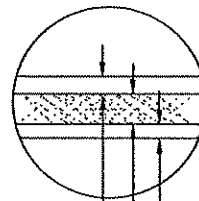


± 4 1/2' INPLACE BIT SURFACING

EXISTING ROADWAY
STA. 115+30 - STA. 147+00

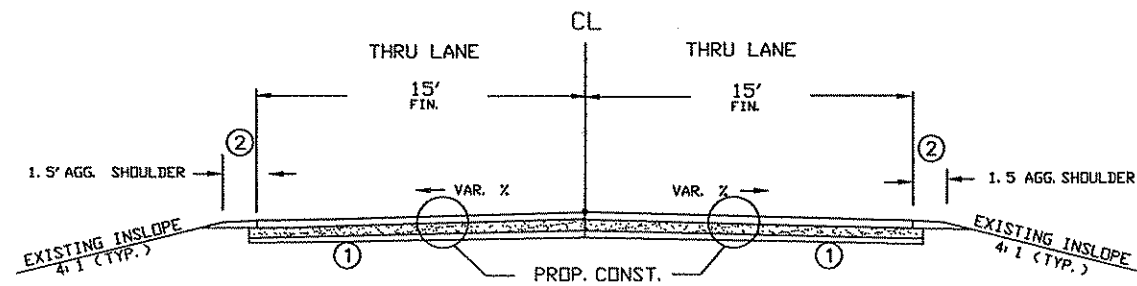


PROPOSED SECTION
115+30 - 147+00



- 2' TYPE LV 3 WEARING COURSE (LVWE35030C)
- 3 1/2' COLD IN-PLACE RECYCLED BITUMINOUS MIXTURE
- 1' EXISITING BIT

PROPOSED CONSTRUCTION
STA. 115+30 - STA. 147+00



- ① OVERLAY COLD INPLACE MATERIAL WITH 1 LIFT OF LV3 WEAR
2' TYPE LV 3 WEARING COURSE (LVWE35030C), 30' IN WIDTH.
3 1/2' COLD INPLACE RECYCLE, 31' IN WIDTH.
- ② 1 1/2' AGG. SHOULDER CL-7B BLENDED DOWN TO EXISTING INSLDPE

COLD IN-PLACE BITUMINOUS MIXTURE WIDTH = 31'

NO	DATE	BY	CHKD	APPR	REVISION

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: MARK DALY
 SIGNATURE: [Signature]
 DATE: 4/29/2003 LICENSE NO. 21763

DRAWN BY J.F. DATE 4/1/03
 DESIGN BY G.A. DATE 4/1/03
 CHECKED BY _____ DATE _____

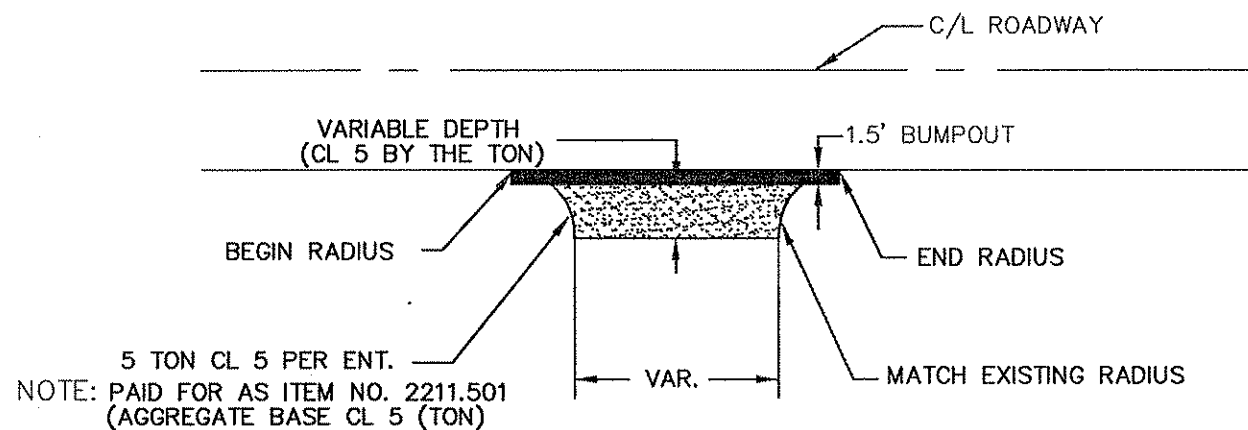


ANOKA COUNTY
HIGHWAY DEPT.

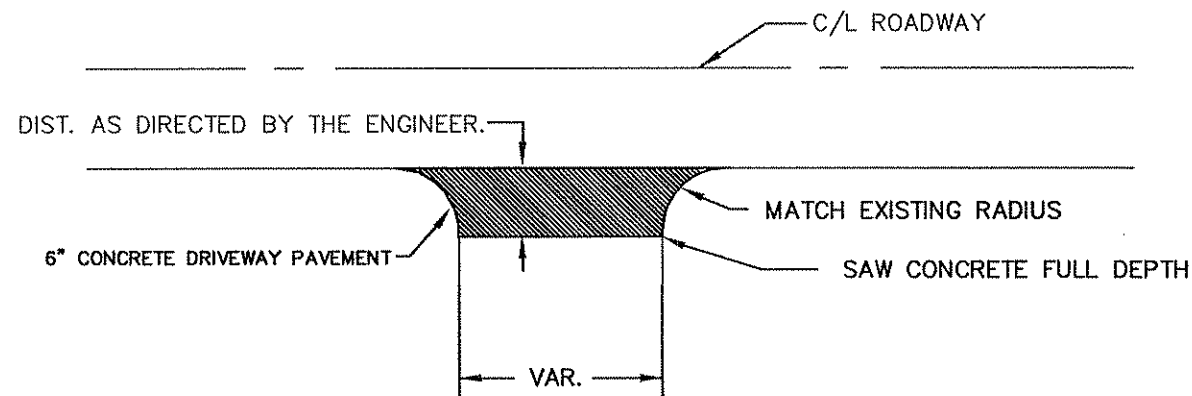
STATE PROJECT NO. _____
 STATE AID PROJECT NO. _____
 STATE AID PROJECT NO. _____
 COUNTY PROJECT NO. 03-16-76

TYPICAL SECTIONS
 Sheet 6 of 14 Sheets

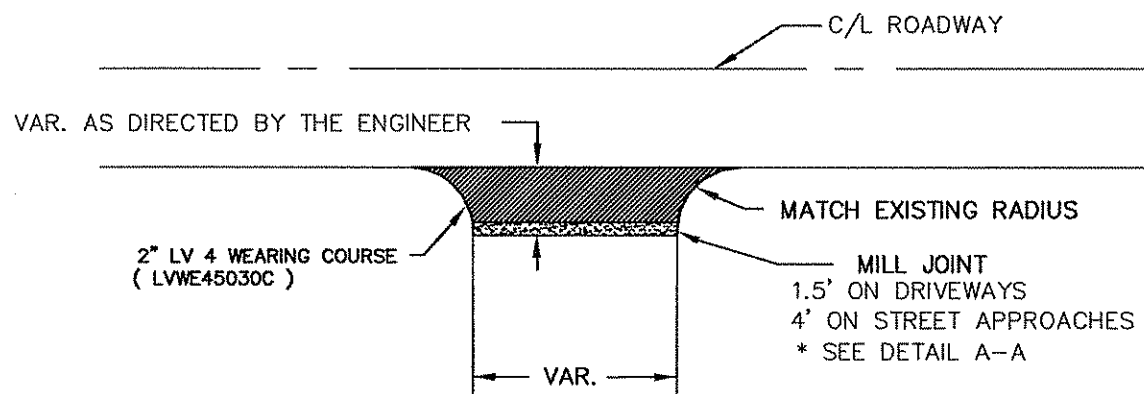
FIELD AND UNPAVED ENTRANCES



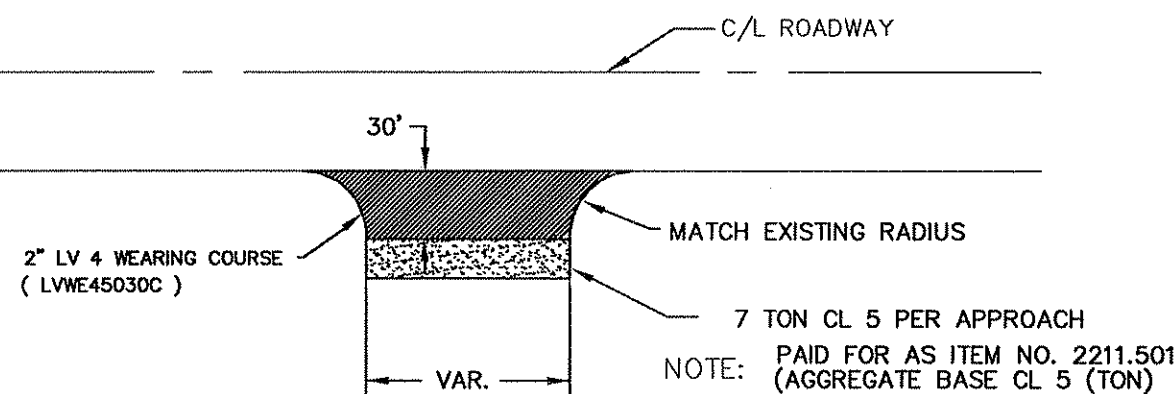
CONCRETE DRIVEWAYS



PAVED DRIVEWAYS/PAVED STREET APPROACHES



UNPAVED STREET APPROACHES



NO	DATE	BY	CHKD	APPR	REVISION

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: MARK DAVID

SIGNATURE: [Signature]

DATE: 4/24/2003 LICENSE NO. 21763

DRAWN BY: J.F. DATE: 4/1/03

DESIGN BY: G.A. DATE: 4/1/03

CHECKED BY: _____ DATE: _____



ANOKA COUNTY
HIGHWAY DEPT.

STATE PROJECT NO. _____

STATE AID PROJECT NO. _____

STATE AID PROJECT NO. _____

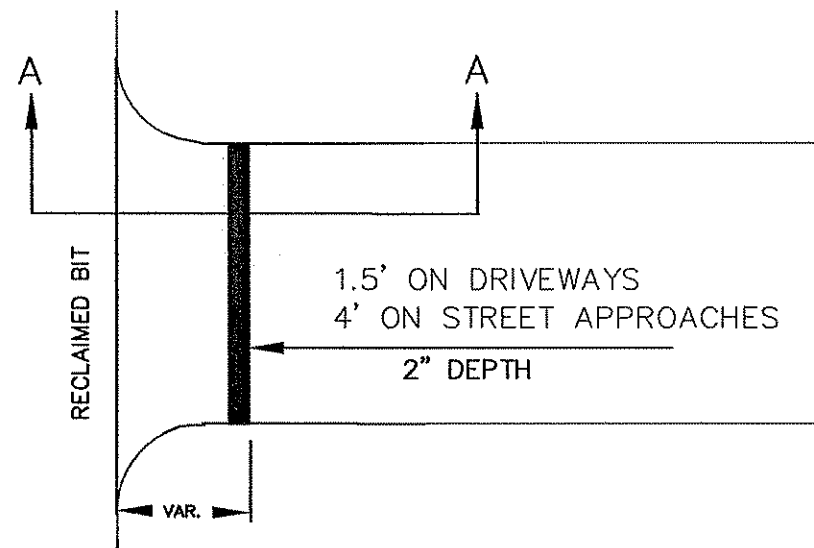
COUNTY PROJECT NO. 03-16-76

DETAILS

Sheet 7 of 14 Sheets

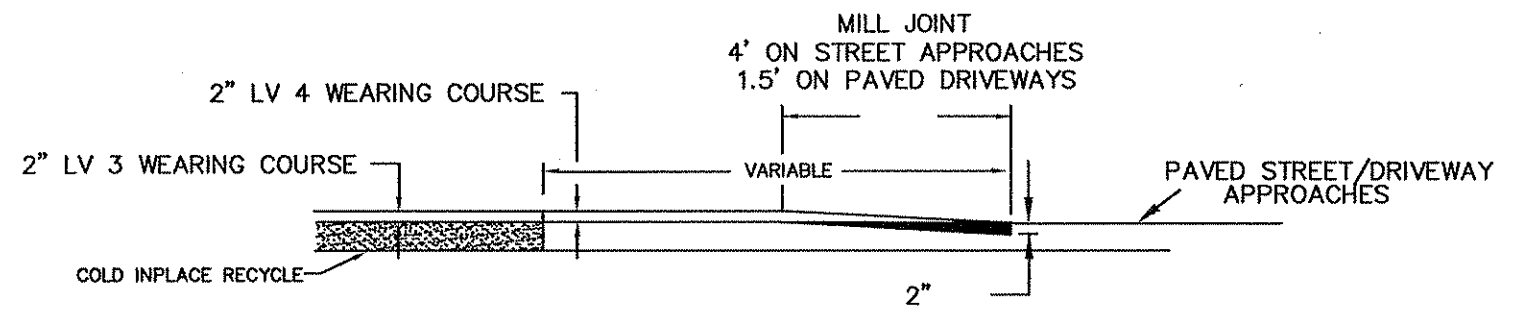
MILLING DETAILS

JOINTS (PLAN VIEW)



MILLING DETAILS A-A

ENT. & STREET APPROACHES



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: MARK DALY
 SIGNATURE: [Signature]
 DATE: 4/24/03 LICENSE NO. 21763

DRAWN BY: J.F. DATE: 4/1/03

DESIGN BY: G.A. DATE: 4/1/03

CHECKED BY: _____ DATE: _____



ANOKA COUNTY
HIGHWAY DEPT.

STATE PROJECT NO. _____
 STATE AID PROJECT NO. _____
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 COUNTY PROJECT NO. 03-16-76

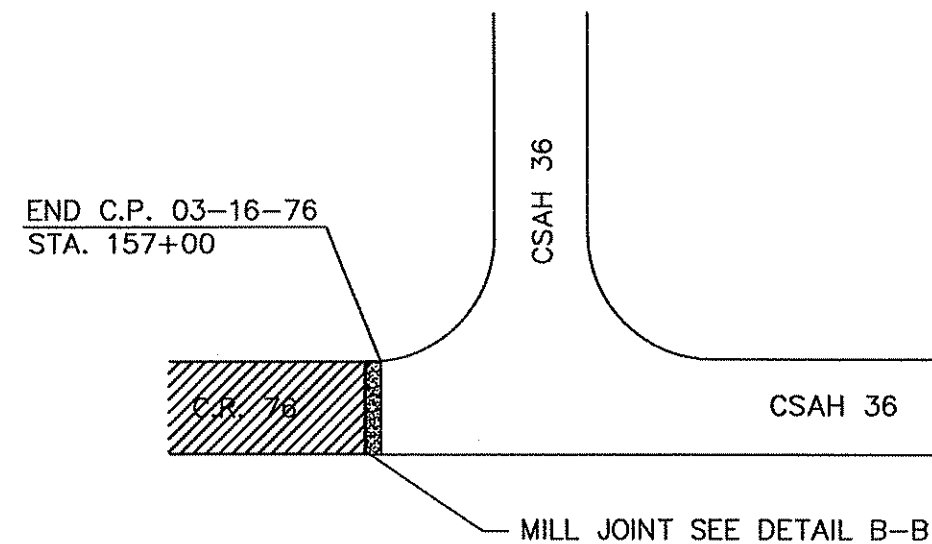
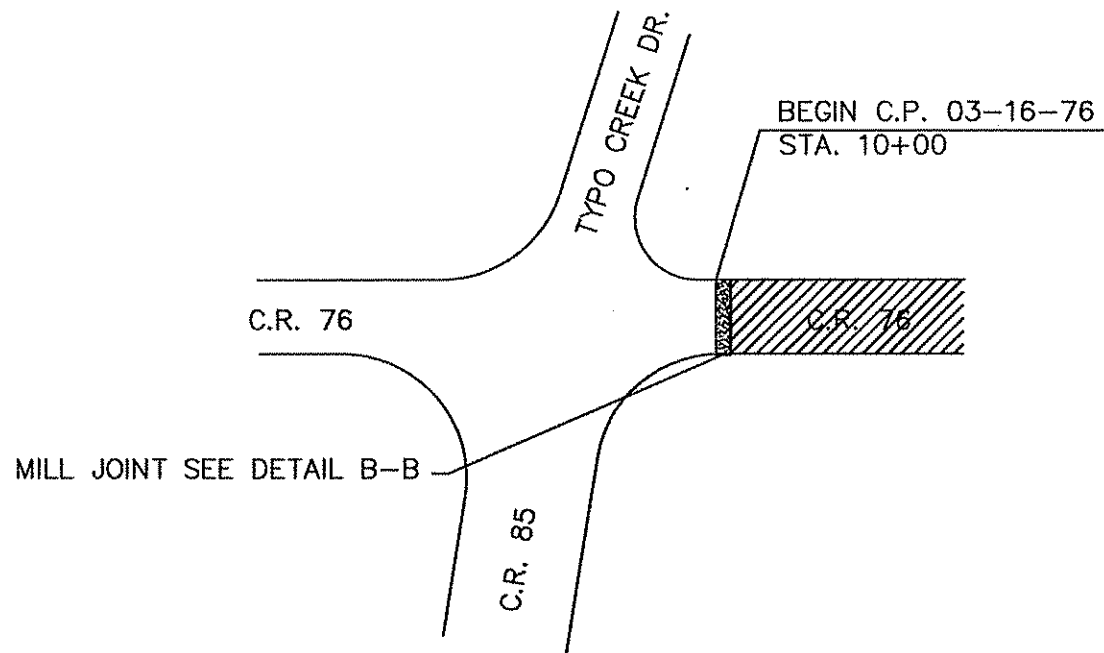
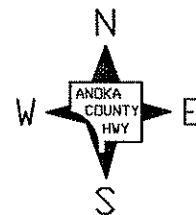
DETAILS

Sheet 8 of 14 Sheets

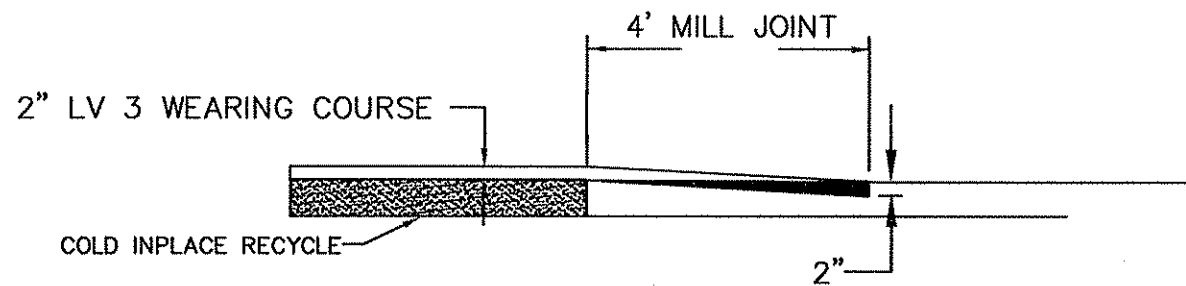
NO	DATE	BY	CHKD	APPR	REVISION

NAME: S:\SPSR\PROJ\000000\000000\026000.DWG

MILL DETAILS



MILLING DETAILS B-B
JOINTS @ C.R. 85 & CSAH 36



NO	DATE	BY	CHKD	APPR	REVISION

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: **MARK DALY**
 SIGNATURE: *[Signature]*
 DATE: **4/24/2003** LICENSE NO. **21763**

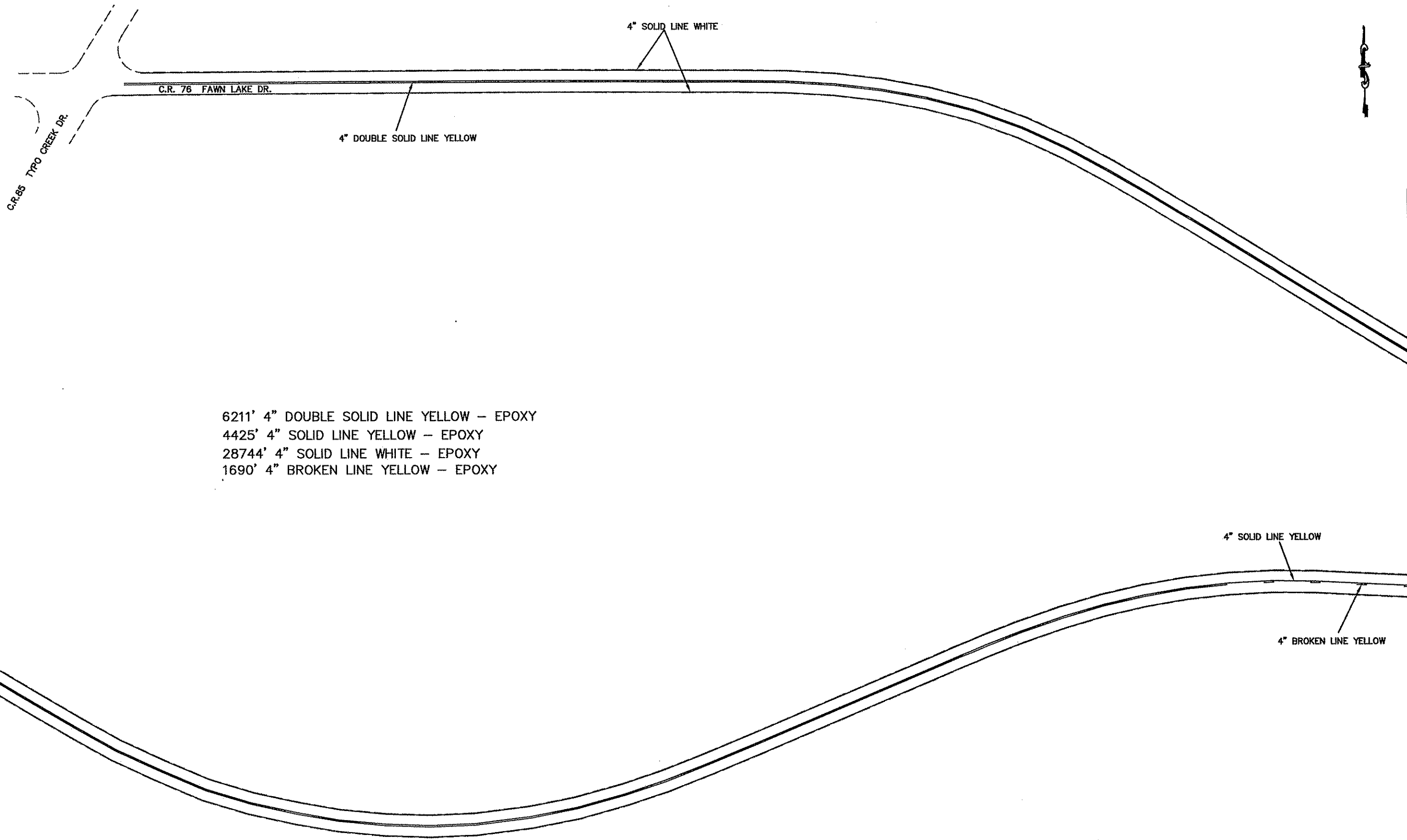
DRAWN BY: **J.F.** DATE: **4/1/03**
 DESIGN BY: **G.A.** DATE: **4/1/03**
 CHECKED BY: _____ DATE: _____



**ANOKA COUNTY
HIGHWAY DEPT.**

STATE PROJECT NO. _____
 STATE AID PROJECT NO. _____
 STATE AID PROJECT NO. _____
 COUNTY PROJECT NO. **03-16-76**

DETAILS
 Sheet **9** of **14** Sheets



6211' 4" DOUBLE SOLID LINE YELLOW - EPOXY
 4425' 4" SOLID LINE YELLOW - EPOXY
 28744' 4" SOLID LINE WHITE - EPOXY
 1690' 4" BROKEN LINE YELLOW - EPOXY

MATCHLINE 'A' SEE ABOVE RIGHT

MATCHLINE 'A' SEE BELOW LEFT
 MATCHLINE 'B' SEE SHEE 11 of 14

C.R. 76 FAWN LAKE DR.
 FROM C.R. 85 TO C.S.A.H. 36

NO	DATE	BY	CKD	APPR	REVISION

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: MARK DALY
 SIGNATURE: *Mark Daly*
 DATE: 4/29/2003 LICENSE NO. 21763

DRAWN BY: ST DATE: 04/23/03
 DESIGN BY: _____ DATE: _____
 CHECKED BY: _____ DATE: _____



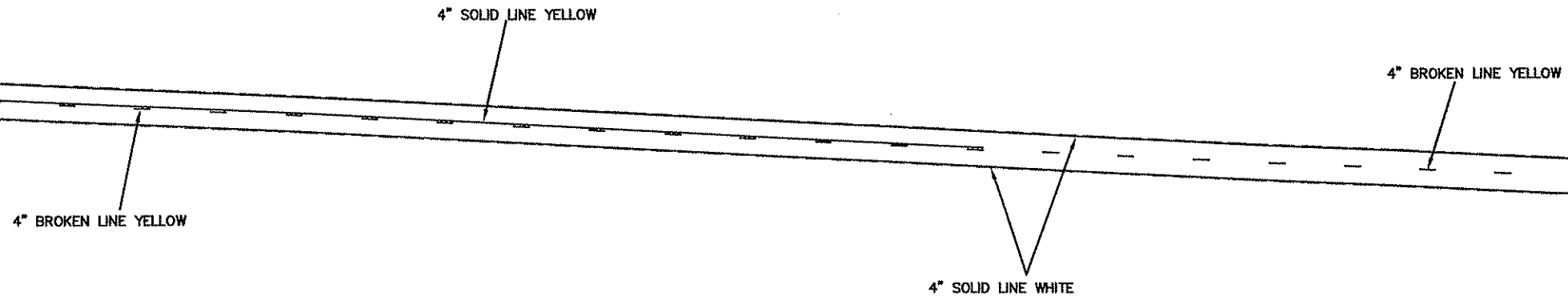
ANOKA COUNTY
HIGHWAY DEPT.

STATE PROJECT NO. _____
 STATE AID PROJECT NO. _____
 STATE AID PROJECT NO. _____
 COUNTY PROJECT NO. 03-16-76

PERMANET STRIPING
 Sheet 10 of 14 Sheets

MATCHLINE 'B' SEE SHEE 10 of 14

MATCHLINE 'C' SEE BELOW LEFT



MATCHLINE 'C' SEE ABOVE RIGHT

4" DOUBLE SOLID LINE YELLOW

MATCHLINE 'D' SEE SHEE 12 of 14

C.R. 76 FAWN LAKE DR.
FROM C.R. 85 TO C.S.A.H. 36

NO	DATE	BY	CKD	APPR	REVISION

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: MARK DALY

SIGNATURE: *Mark Daly*

DATE: 4/24/2003 LICENSE NO. 21763

DRAWN BY: ST DATE: 04/23/03

DESIGN BY: DATE: _____

CHECKED BY: DATE: _____



ANOKA COUNTY
HIGHWAY DEPT.

STATE PROJECT NO. _____

STATE AID PROJECT NO. _____

STATE AID PROJECT NO. _____

COUNTY PROJECT NO. 03-16-76

PERMANET STRIPING

Sheet 11 of 14 Sheets

MATCHLINE 'D' SEE SHEE 11 of 14

MATCHLINE 'E' SEE BELOW LEFT

4" DOUBLE SOLID LINE YELLOW

4" SOLID LINE WHITE

4" SOLID LINE YELLOW

4" BROKEN LINE YELLOW

MATCHLINE 'E' SEE ABOVE RIGHT

4" BROKEN LINE YELLOW

MATCHLINE 'F' SEE SHEE 13 of 14

C.R. 76 FAWN LAKE DR.
FROM C.R. 85 TO C.S.A.H. 36

NO	DATE	BY	CKD	APPR	REVISION

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: MARK DALY
 SIGNATURE: *Mark Daly*
 DATE: 4/24/2013 LICENSE NO. 21763

DRAWN BY: ST DATE: 04/23/03
 DESIGN BY: DATE: _____
 CHECKED BY: DATE: _____



ANOKA COUNTY
 HIGHWAY DEPT.

STATE PROJECT NO. _____
 STATE AID PROJECT NO. _____
 STATE AID PROJECT NO. _____
 COUNTY PROJECT NO. 03-16-76

PERMANET STRIPING
 Sheet 12 of 14 Sheets

MATCHLINE 'F' SEE SHEE 12 of 14

MATCHLINE 'G' SEE BELOW LEFT

4" SOLID LINE YELLOW

4" BROKEN LINE YELLOW

4" SOLID LINE WHITE

4" DOUBLE SOLID LINE YELLOW

MATCHLINE 'G' SEE ABOVE RIGHT

MATCHLINE 'H' SEE SHEE 14 of 14

4" BROKEN LINE YELLOW

C.R. 76 FAWN LAKE DR.
FROM C.R. 85 TO C.S.A.H. 36

NO	DATE	BY	CKD	APPR	REVISION

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: MARK D. ADAMS
 SIGNATURE: *[Signature]*
 DATE: 4/24/2003 LICENSE NO. 21763

DRAWN BY: ST DATE 04/23/03
 DESIGN BY: DATE
 CHECKED BY: DATE



ANOKA COUNTY
 HIGHWAY DEPT.

STATE PROJECT NO. _____
 STATE AID PROJECT NO. _____
 STATE AID PROJECT NO. _____
 COUNTY PROJECT NO. 03-16-76

PERMANET STRIPING
 Sheet 13 of 14 Sheets

MATCHLINE 'H' SEE SHEE 13 of 14

MATCHLINE 'J' SEE BELOW LEFT

4" SOLID LINE WHITE

4" BROKEN LINE YELLOW

4" BROKEN LINE YELLOW

4" SOLID LINE YELLOW

MATCHLINE 'J' SEE ABOVE RIGHT

C.S.A.H. 36 RUTGERS ST.

C.R. 76 FAWN LAKE DR.

C.S.A.H. 36 FAWN LAKE DR.

C.R. 76 FAWN LAKE DR.
FROM C.R. 85 TO C.S.A.H. 36

NO	DATE	BY	CKD	APPR	REVISION

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: MARK DALY

SIGNATURE: *Mark Daly*

DATE: 4/29/2003 LICENSE NO. 21763

DRAWN BY: ST DATE: 04/23/03

DESIGN BY: _____ DATE: _____

CHECKED BY: _____ DATE: _____



ANOKA COUNTY
HIGHWAY DEPT.

STATE PROJECT NO. _____

STATE AID PROJECT NO. _____

STATE AID PROJECT NO. _____

COUNTY PROJECT NO. 03-16-76

PERMANET STRIPING

Sheet 14 of 14 Sheets