

DESIGN DESIGNATION	LOWER AFTON ROAD MCKNIGHT RD. TO CENTURY AVE.
PRESENT ADT (2001)	9,400
FUNCTIONAL CLASS	ARTERIAL
TRAFFIC LANES	2
PARKING LANES	0
DESIGN LOAD	9 TON
STABILOMETER "R" VALUE	-----
3" H18.20 YEAR	-----
DESIGN SPEED	50 mph

BASED ON STOPPING DISTANCE  
HEIGHT OF EYE: 3.5 FEET  
HEIGHT OF OBJECT: 0.5 FEET

-GOVERNING SPECIFICATIONS-

THE 2000 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION  
"STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN.

ALL TRAFFIC CONTROL DEVICES AND SIGNING SHALL CONFORM TO  
THE LATEST, INCLUDING FIELD MANUAL FOR TEMPORARY TRAFFIC  
CONTROL ZONE LAYOUTS, JANUARY 2001.

PLAN REVISIONS		
DATE	SHEET NO. & DESCRIPTION	BY

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.

Kathy Jaschke UC. NO. 21864 DATE 5/14/01

APPROVED [Signature] DATE 5/14/01  
COUNTY ENGINEER

APPROVED [Signature] DATE 5/24/01  
CITY OF MAPLEWOOD

MINNESOTA DEPARTMENT OF TRANSPORTATION

GROSS LENGTH 5726'

BRIDGE LENGTH 0'

EXCEPTIONS 0'

NET LENGTH 5726'

Daniel E. Erickson DATE 6-20-01  
METRO- ASSISTANT DIVISION ENGINEER STATE AID: REVIEWED FOR  
COMPLIANCE WITH STATE-AID RULES/POLICY

Daniel E. Erickson DATE 6-20-01  
APPROVED FOR STATE AID FUNDING: STATE AID ENGINEER

DESIGN FUND ML,MR,DB DATE 12/2000

DRAWN BY ML,MR,DB DATE 12/2000

CHECKED BY DATE

**RAMSEY COUNTY**

DEPARTMENT OF PUBLIC WORKS

CONSTRUCTION PLAN FOR COLD INPLACE RECYCLING AND  
BITUMINOUS RESURFACING.

THIS PLAN CONTAINS 4 SHEETS

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SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	ESTIMATED QUANTITIES
3	LOCATION MAP
4	TYPICAL SECTION

LOWER AFTON ROAD

MCKNIGHT ROAD TO CENTURY AVE.

S.A.P. No. 62-639-05

28-222

S.A.P. 62-639-05

Sheet No. 1 of 4 Sheets

Item No.	Item	Unit	100% S.A.P. 62-639-05 Estimated Quantity
2021.501	Mobilization	L.S.	1
2331.604	Cold Recycle Inplace Bit. Mixture	S.Y.	25,450
2350.501	MVWE35035B	Ton	1925
2350.502	MVNW35035B	Ton	1925
2350.501	LVWE35035B	Ton	30
2357.502	Bituminous Material for Tack Coat	Gal.	1270
2563.601	Traffic Control	L.S.	1
2564.602	Pavement Message (Left Arrow)	Each	1
2564.603	4" Solid Line White - Epoxy	L.F.	11,450
2564.603	4" Double Yellow Line - Epoxy	L.F.	6250
2564.603	24" Solid Line Yellow - Epoxy	L.F.	200
2575.555	Turf Establishment	L.S.	1

<b>Basis for Estimated Quantities</b>	
2350 Bituminous Mixtures	110lbs. /S.Y./ inch
2357.502 Bituminous Material for Tack Coat	0.05 Gal. / S.Y.

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.

Kathy Jaschke  
DATE 5/14/01 MN. LIC. NO. 21864

S.A.P. 62-639-05

SHEET NO. 2 OF 4 SHEETS

