

DESIGN
DESIGNATION

COUNTY ROAD E2
I-35W TO OLD SNELLING

PRESENT ADT (2001)

6,050

FUNCTIONAL CLASS

ARTERIAL

TRAFFIC LANES

2

PARKING LANES

0

DESIGN LOAD

9 TON

STABILOMETER "R" VALUE

2. N18 20YEAR

DESIGN SPEED

40 mph

BASED ON STOPPING DISTANCE

HEIGHT OF EYE: 3.5 FEET

HEIGHT OF OBJECT: 0.5 FEET

RAMSEY COUNTY

DEPARTMENT OF PUBLIC WORKS

CONSTRUCTION PLAN FOR COLD INPLACE RECYCLING AND BITUMINOUS RESURFACING

THIS PLAN CONTAINS 4 SHEETS

INDEX

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

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 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION TRAFFIC CONTROL ZONE LAYOUTS, JANUARY 2001

PLAN REVISIONS

DATE	SHEET NO. & DESCRIPTION	BY

COUNTY ROAD E2

I-35W TO OLD SNELLING AVE.

S.A.P. 62-673-04

GROSS LENGTH

4420'

BRIDGE LENGTH

0'

EXCEPTIONS

0'

NET LENGTH

4420'

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

LIC. NO. 21864

DATE 5/14/01

APPROVED

Ken Stettin

COUNTY ENGINEER

DATE 5/18/01

APPROVED

Gregory S. Brown

CITY OF ARDEN HILLS

DATE 5/29/01

MINNESOTA DEPARTMENT OF TRANSPORTATION

APPROVED

David S. Linken

METRO-ASSISTANT DIVISION ENGINEER STATE AID: REVIEWED FOR COMPLIANCE WITH STATE-AID RULES/POLICY

DATE 6-20-01

APPROVED

David S. Linken

APPROVED FOR STATE AID FUNDING: STATE AID ENGINEER

DATE 6-20-01

DESIGN DRAWN BY

ML,MR,DB

DATE 12/2000

DRAWN BY

ML,MR,DB

DATE 12/2000

CHECKED BY

DATE

28-221

S.A.P. 62-673-04

Sheet No. 1 of 4 Sheets

LOCATION MAP

COLD INPLACE RECYCLING AND BITUMINOUS OVERLAY

COUNTY ROAD E2

I-35W TO OLD SNELLING

S.A.P. 62-673-04

BEGIN S.A.P. 62-673-04

STATION 0+00

END S.A.P. 62-673-04

STATION 44+20

RAMSEY COUNTY

Department of Public Works

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 LAWS OF THE STATE OF MINNESOTA.

Kathy Jaschke

LIC. NO. 21864

DATE 5/14/01

28-221

S.A.P. 62-673-04

Sheet No. 2 of 4 Sheets

STATEMENT OF ESTIMATED QUANTITIES

COUNTY ROAD E2

INTERSTATE 35W TO OLD SNELLING AVENUE

Item No.	Item	Unit	100% S.A.P. 62-615-21 Estimated Quantity
2021.501	Mobilization	L.S.	1
2331.604	Cold Recycle Inplace Bit. Mixture	S.Y.	21,650
2350.501	MVWE35035B	Ton	1630
2350.502	MVNW35035B	Ton	1630
2350.501	LVWE35035B	Ton	40
2357.502	Bituminous Material for Tack Coat	Gal.	1080
2535.501	Bituminous Curb (7")	L.F.	7140
2563.601	Traffic Control	L.S.	1
2564.603	4" Solid Line White - Epoxy	L.F.	8800
2564.603	4" Double Yellow Line - Epoxy	L.F.	4400
2575.555	Turf Establishment	L.S.	1

Basis for Estimated Quantities

2340 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. 62-673-04

SHEET NO. 3 OF 4 SHEETS

TYPICAL SECTIONS

CO. RD. E-2.

EAST APPROACH PANEL 35W BRIDGE TO WEST LINE OLD SNELLING

0+00 TO 44+20

PROPOSED SECTION

EXISTING SECTION

NO CURB LEFT: STA. 0+00 TO 2+40

STA. 14+26 TO 26+45

NO CURB RIGHT: STA. 0+00 TO 2+40

PLACE 1-1/4" TYPE 2350 MVWE35035E

PLACE 1-1/4" TYPE 2350 MVNW35035E

COLD INPLACE RECYCLING

2" PLANT- MIX BIT. SURFACE-SPEC. 2341

1" ROAD - MIX BIT. BASE - SPEC. 2208

5" GRAVEL BASE - CLASS 5

10" SAND - GRAVEL SUBBASE-CLASS 4

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Kathy Jaschke

LIC. NO. 21864

DATE 5/14/01

28-221

S.A.P. 62-673-04

Sheet No. 4 of 4 Sheets

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