DESIGN DESIGNATION	COUNTY ROAD C DALE STREET TO WESTERN AVENUE	COUNTY ROAD C WESTERN AVENUE TO RICE STREET
PRESENT ADT (2004)	9,150	8,550
FUNCTIONAL CLASS	MINOR ARTERIAL	MINOR ARTERIAL
TRAFFIC LANES	4	4
PARKING LANES	0	0
DESIGN LOAD	9 TON	9 TON
STABILOMETER "R" VALUE	-----	-----
N18 20YEAR	-----	-----

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 MMUTCD, INCLUDING FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS.

PLAN REVISIONS		
DATE	SHEET NO. & DESCRIPTION	BY

RAMSEY COUNTY

DEPARTMENT OF PUBLIC WORKS

CONSTRUCTION PLAN FOR BITUMINOUS MILLING AND RESURFACING

THIS PLAN CONTAINS 4 SHEETS

INDEX

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

COUNTY ROAD C
DALE STREET TO RICE STREET
S.A.P. 62-623-50

GROSS LENGTH	5,129'	0.97 miles
BRIDGE LENGTH	0.00'	0.00 miles
EXCEPTIONS	0.00'	0.00 miles
NET LENGTH	5,129'	0.97 miles

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 5/13/05

APPROVED [signature] COUNTY ENGINEER DATE 5/16/05

APPROVED [signature] CITY OF ROSEVILLE DATE 5/20/05

MINNESOTA DEPARTMENT OF TRANSPORTATION

[signature] DATE 5/23/05
for DISTRICT STATE AID ENGINEER: REVIEWED FOR COMPLIANCE WITH STATE-AID RULES/POLICY

[signature] DATE 5/23/05
for APPROVED FOR STATE AID FUNDING: STATE AID ENGINEER

DESIGN SQUAD MARK RAUCHBAUER, JUDY FAUST DATE 1/25/2005
DRAWN BY JUDY FAUST DATE 1/25/2005
CHECKED BY KATHY JASCHKE DATE 1/25/2005

28-236

RAMSEY COUNTY

S.A.P. 62-623-50 Sheet No. 1 of 4 Sheets

H:\LANDPROJECTS\05-OLAY\DWG\TITLE05 1/25/2005

STATEMENT OF ESTIMATED QUANTITIES

Item Number	Item	Unit	Estimated Quantity 100% S.A.P. 62-623-50
2021.501	Mobilization	L.S.	1
2232.501	Mill Bituminous Surface (1.5")	S.Y.	23,184
2357.502	Bituminous Material for Tack Coat	Gal.	1,160
2350.501	MVWE35035E (1 1/2")	Ton	2,152
2504.602	Adjust Valve Box	Each	5
2506.522	Adjust Frame & Ring Casting	Each	5
2506.602	Construct Control Structure (Survey Monument)	Each	1
2563.601	Traffic Control	L.S.	1
2564.603	4" Solid Line White- Epoxy	L.F.	9,224
2564.603	4" Broken Line White- Epoxy (10-30 Skip Cycle)	L.F.	2,306
2564.603	4" Double Yellow - Epoxy	L.F.	4,612
2564.603	12" Solid Line White- Epoxy (Survey Marker)	L.F.	20
2564.618	Zebra Crosswalk White - Hot Tape (2.5' x 6.0')	S.F.	210
2564.618	Zebra Crosswalk White - Epoxy (2.5' x 6.0')	S.F.	210
2564.618	Zebra Crosswalk White - Epoxy (2.5' x 8.0')	S.F.	280
2565.602	NMC Loop Detector (6' X 6')	EACH	2
2565.603	2/C # 14 Wire (Shielded)	L.F.	1000

MN/DOT STANDARD PLATES	
PLATE NO.	DESCRIPTION
8000I	STANDARD BARRICADES

BASIS FOR ESTIMATED QUANTITIES
1. 115 LBS. / SQUARE YARDS / INCH OF BITUMINOUS
2. .05 GALLONS OF BITUMINOUS TACK COAT /SQUARE YARD OF PAVEMENT / LIFTS

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

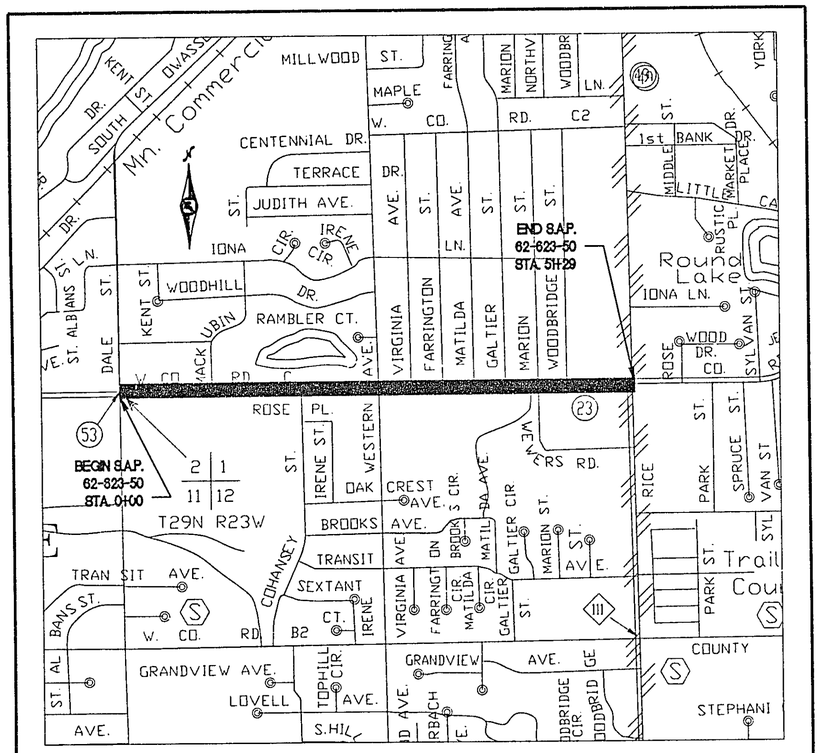
NAME Kathy Jaschke
MN REG NO. 21864 DATE 5/13/05

28-236

County Road C
ESTIMATED QUANTITIES

S.A.P. 62-623-50 SHEET 2 of 4 SHEETS

Design of Ispw1(H:)/Land Projects 3/05-OLAY/dwg/ESTIMATED QUANTITIES



LOCATION MAP

MILL & OVERLAY
COUNTY ROAD C
DALE STREET TO RICE STREET
0+00 TO 51+29
S.A.P. 62-623-50

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 5/13/05

S.A.P. 62-623-50 Sheet No. 3 of 4 Sheets

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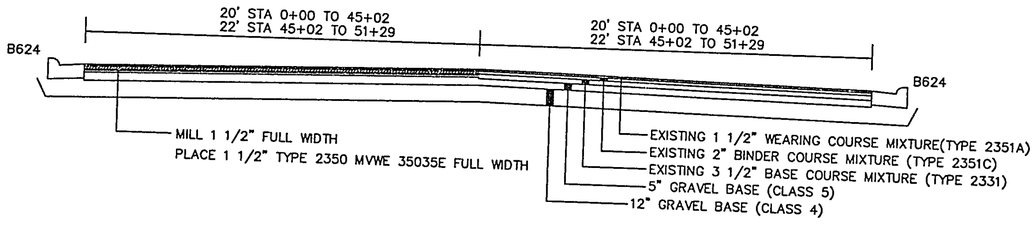
TYPICAL SECTIONS COUNTY ROAD C

DALE STREET TO RICE STREET
0+00 TO 51+29



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Kathy Jaschke
REG. NO. 21864 DATE 5/13/05

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COUNTY ROAD C

S.A.P. 62-623-50 Sheet No. 4 of 4 Sheets

K:\DESIGN\LANDPROJECTS\05 OLAY\DWG\TYP 2/17/2005