

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



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 5/23/05

APPROVED *[Signature]* DATE 5/23/05
COUNTY ENGINEER

APPROVED Leslie Prosen DATE 5.23.05
CITY OF NEW BRUNSWICK

MINNESOTA DEPARTMENT OF TRANSPORTATION

Muchant P. Kowalski DATE 5-27-05
For DISTRICT STATE AID-ENGINEER: REVIEWED FOR COMPLIANCE WITH STATE-AID RULES/POLICY

Michael P. Kowalski DATE 5-27-05
 FOR APPROVED FOR STATE AID FUNDING: STATE AID ENGINEER

DESIGN SQUAD MARK RAUCHEBAUER, JUDY FAUST DATE 1/25/2009
 DRAWN BY JUDY FAUST DATE 1/25/2009
 CHECKED BY KATHY JASCHKE DATE 1/25/2009

RAMSEY COUNTY
DEPARTMENT OF PUBLIC WORKS
CONSTRUCTION PLAN FOR BITUMINOUS MILLING
AND RESURFACING

THIS PLAN CONTAINS 4 SHEETS

INDEX

SHEET NO.

DESCRIPTION

TITLE SHEET
ESTIMATED QUANTITIES
LOCATION MAP
TYPICAL SECTION

OLD HIGHWAY 8
COUNTY ROAD D TO 2ND STREET NW
S.A.P. 62-677-24

GROSS LENGTH	6,800'	1.29 miles
BRIDGE LENGTH	0.00'	0.00 miles
EXCEPTIONS	153'	0.03 miles
NET LENGTH	6,647'	1.26 miles

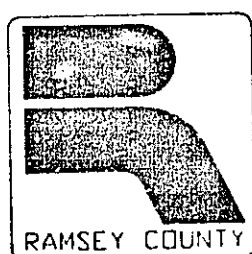


RAMSEY COUNTY

S.A.P. 62-677-24 Sheet No. 1 of 4 Sheets



MILL & OVERLAY
OLD HIGHWAY 8
COUNTY ROAD D TO 2ND STREET NW
0+00 TO 68+00
S.A.P. 62-677-24



RAMSEY COUNTY
Department of Public Works

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LICENSED PROFESSIONAL ENGINEER UNDER
LAWS OF THE STATE OF MINNESOTA.

Kathy Tarchke
LIC. NO. 21864 DATE 5/23/05

S.A.P. 62-677-24 Sheet No. 3 of 4 Sheets

STATEMENT OF ESTIMATED QUANTITIES

Item Number	Item	Unit	Estimated Quantity 100% S.A.P. 677-24
2021.501	Mobilization	L.S.	1
2232.501	Mill Bituminous Surface (1 1/2")	S.Y.	39,345
2360.501	SPWEB440E (1-1/2")	Ton	3,652
2357.502	Bituminous Material for Tack Coat	Gal.	1,968
2504.602	Adjust Valve Box	Each	5
2506.522	Adjust Frame & Ring Casting	Each	5
2563.601	Traffic Control	L.S.	1
2564.602	Pvmt Message (Arrow/ Left-Right-Thru-Diamonds)	Each	10
2564.602	Pavement Message (Only)	Each	2
2564.603	4" Solid Line White- Epoxy	L.F.	6,897
2564.603	4" Broken Line White- Epoxy (10-30 Skip Cycle)	L.F.	693
2564.603	4" Solid Line Yellow- Epoxy	L.F.	6,750
2564.603	4" Broken Line Yellow- Epoxy (10-30 Skip Cycle)	L.F.	100
2564.603	8" Line White - Epoxy	L.F.	510
2564.618	Zebra Crosswalk White - Epoxy (2.5' x 8.0')	S.F.	140
2565.602	NMC Loop Detector (6' X 6')	Each	5
2565.603	2/C # 14 Wire (Shielded)	L.F.	1000

MN/DOT STANDARD PLATES	
PLATE NO.	DESCRIPTION
80001	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

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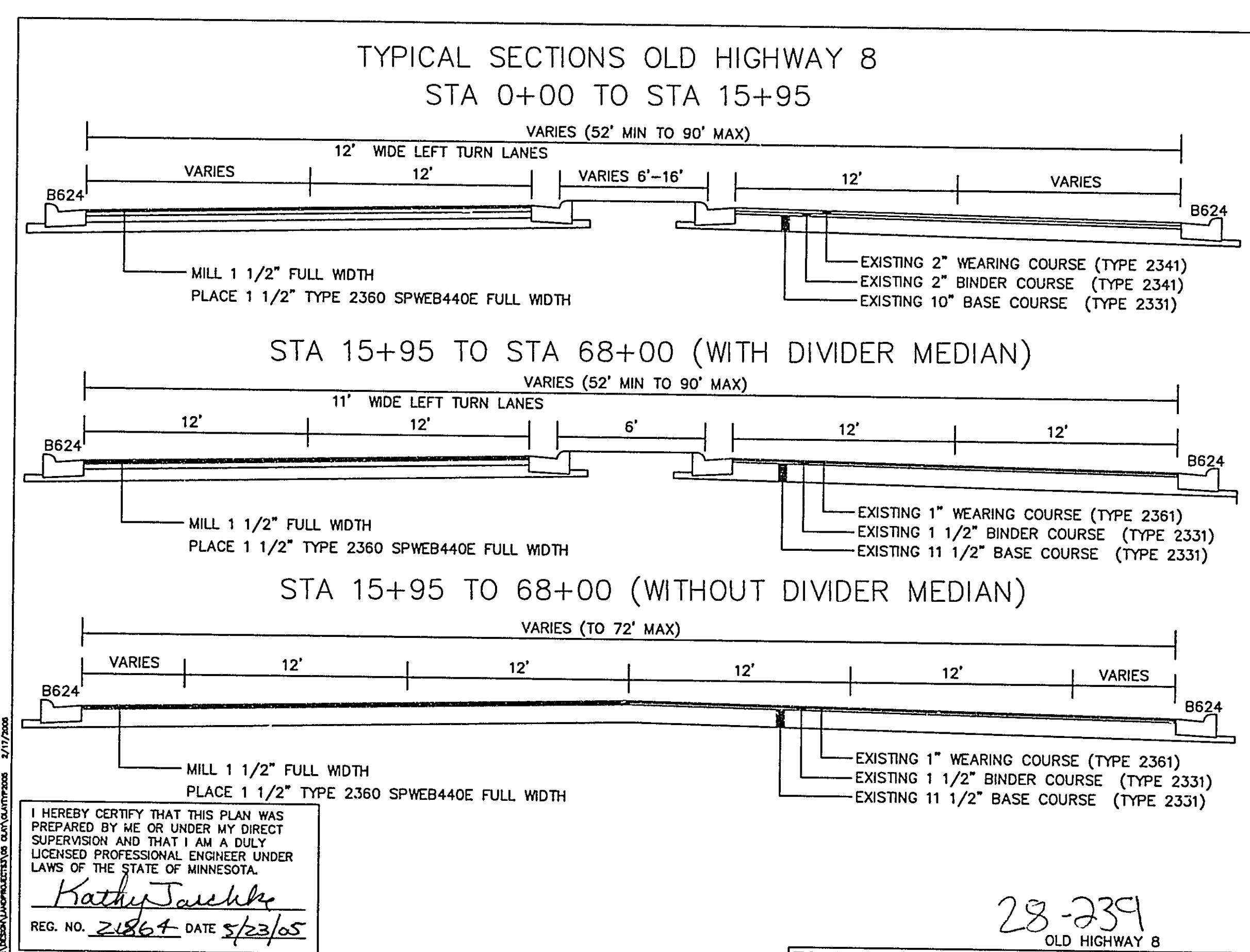
NAME Kathy Jarcke
MN REG NO. 21864 DATE 5/23/05

Old Highway 8

ESTIMATED QUANTITIES

S.A.P. 62-677-24 SHEET 2 of 4 SHEETS

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



OLD HIGHWAY 8
S.A.P. 62-677-24 Sheet No. 4 of 4 Sheets