

DESIGN DESIGNATION	MCKNIGHT ROAD TO OWING ROAD	MCKNIGHT ROAD OWING ROAD COUNTY ROAD E	MCKNIGHT ROAD COUNTY ROAD E COUNTY ROAD F	MCKNIGHT ROAD COUNTY ROAD F COUNTY ROAD G
PRESENT ADT (2004)	6,500	7,150	5,550	3,200
FUNCTIONAL CLASS	MINOR ARTERIAL	MINOR ARTERIAL	MINOR ARTERIAL	MINOR ARTERIAL
TRAFFIC LANE	2	2	2	2
PARKING LANE	1	1	1	1
DESIGN LOAD	9 TON	9 TON	9 TON	9 TON
STABILOMETER "R" VALUE	---	---	---	---
	NIS 2500R	NIS 2500R	NIS 2500R	NIS 2500R

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MCKNIGHT ROAD
I-694 TO COUNTY ROAD F
S.A.P. 62-668-45

[illegible]

Kathy Tuschke LIC. NO. 21864 DATE 5/25/05

APPROVED [Signature] DATE 5/25/05
COUNTY ENGINEER

APPROVED Mark Lund DATE 6/6/05
CITY OF WHITE BEAR LAKE

MINNESOTA DEPARTMENT OF TRANSPORTATION

Michael H. Kowalski DATE 4/15/05

DISTRICT STATE-AID ENGINEER: REVIEWED FOR COMPLIANCE WITH STATE-AID RULES/POLICY.

APPROVED FOR STATE AID FUNDING: STATE AID ENGINEER

DESIGN SQUAD MARK RAUCHEBAUER, JUDY FAUST DATE 1/25/2005

DRAMA BY JUDY FAUST DATE 1/25/2005

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S.A.P. 62-668-45 Sheet No. 1 of 4 Sheets

Item Number	Item	Unit	Estimated Quantity 100% S.A.P. 62-668-45
2021.501	Mobilization	L.S.	1
2232.501	Mill Bituminous Surface (1-1/2")	S.Y.	41,485
2350.501	MVWE35035E (1 1/2")	Ton	3,850
2357.502	Bituminous Material for Tack Coat	Gal.	2,075
2504.602	Adjust Valve Box	Each	6
2506.522	Adjust Frame & Ring Casting	Each	11
2563.601	Traffic Control	L.S.	1
2564.602	Pvmt Message (Arrow/Left-Right-Thru-Diamonds)	Each	5
2564.603	4" Solid Line White- Epoxy	L.F.	17,900
2564.603	4" Double Line Yellow - Epoxy	L.F.	8,950
2564.603	12" Solid Line White- Epoxy (Survey Marker)	L.F.	54
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.	140
2564.618	Zebra Crosswalk White - Hot Tape (2.5' x 6.0')	S.F.	210
2565.602	NMC Loop Detector (6' X 6')	EACH	11
2565.603	2/C # 14 Wire (Shielded)	L.F.	1000

PLATE NO.	DESCRIPTION
80001	STANDARD BARRICADES

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

NAME Kathy Jaschke

MN REG NO. 21864 DATE 5/25/05

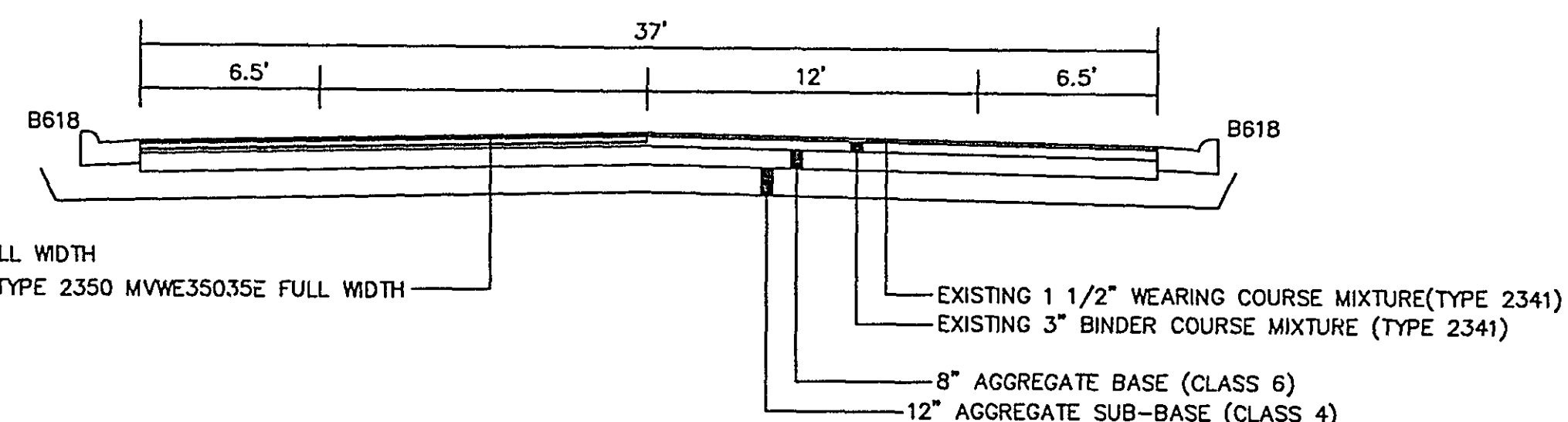
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McKnight Road
ESTIMATED QUANTITIES

S.A.P. 62-668-45 SHEET 2 of 4 SHEETS

Design on Isnw1/I and Projects 3/05-OLAY/dwg/ESTIMATED QUANTITIES

I-694 BRIDGE TO COUNTY ROAD F
0+00 TO 101+17



MILL 1 1/2" FULL WIDTH
PLACE 1 1/2" TYPE 2350 MVWE35035E FULL WIDTH

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.

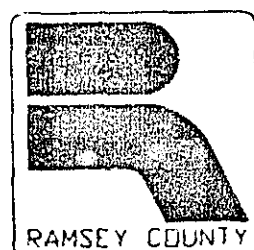
Kathie Tarchke
REG. NO. 2864 DATE 5/25/0

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MCKNIGHT ROAD

☒ S.A.P. 62-668-45 Sheet No. 4 of 4 Sheets

MILL & OVERLAY
MCKNIGHT ROAD
1-694 TO COUNTY ROAD F
0+00 TO 101+17
S.A.P. 62-668-45



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 Tuschke
LIC. NO. 21864 DATE 5/25/05

S.A.P. 62-668-45 Sheet No. 3 of 4 Sheets

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