

DESIGN DESIGNATION	LEXINGTON AVENUE 600' N. OF 96 TO 100' N. OF TANGLEWOOD DR.	LEXINGTON AVENUE 100' N. OF TANGLEWOOD DR. TO 100' N. OF TANGLEWOOD DR.	LEXINGTON AVENUE 100' N. OF TANGLEWOOD DR. TO 100' N. OF TANGLEWOOD DR.
PRESENT ADT (2002)	17755	17755	17755
FUNCTIONAL CLASS	ARTERIAL	ARTERIAL	ARTERIAL
TRAFFIC LANE	4	4	4
DESIGN LOAD	9 TON	9 TON	10 TON
STABILIZER "W" VALUE	10	10	10
DESIGN SPEED	40 MPH	45 MPH	45 MPH

RAMSEY COUNTY DEPARTMENT OF PUBLIC WORKS CONSTRUCTION PLAN FOR BITUMINOUS MILLING AND RESURFACING THIS PLAN CONTAINS 5 SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	ESTIMATED QUANTITIES
3	LOCATION MAP
4-5	TYPICAL SECTION

LEXINGTON AVENUE 600' NORTH OF 96 TO ROYAL OAKS DRIVE S.A.P. 62-651-40

GROSS LENGTH	10760'	2.04 MILES
BRIDGE LENGTH	0'	0 MILES
EXCEPTIONS	0'	0 MILES
NET LENGTH	10760'	2.04 MILES

DATE	SHEET NO. & DESCRIPTION	BY
4/9/02	2.4.5 Mix Designation	KJS

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 3/7/02

APPROVED: [Signature] COUNTY ENGINEER DATE 3/7/02

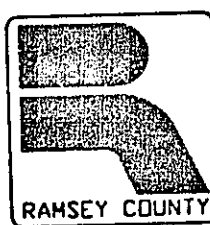
APPROVED: [Signature] CITY OF ROSEN HILLS DATE 3/6/02

APPROVED: [Signature] CITY OF SHOREVIEW DATE 04/08/02

MINNESOTA DEPARTMENT OF TRANSPORTATION

David E. Erickson DATE 4/17/02

APPROVED FOR STATE AID FUNDING: STATE AID ENGINEER DATE 4/17/02



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S.A.P. 62-651-40 Sheet No. 1 of 5 Sheets

STATEMENT OF ESTIMATED QUANTITIES LEXINGTON AVE. FROM 600' NORTH OF 96 TO ROYAL OAKS DRIVE

ITEM NO.	ITEM	UNIT	100% S.A.P. 62-651-40 ESTIMATED QUANTITIES
2021.501	MOBILIZATION	L.S.	1
2104.501	REMOVE CURB AND GUTTER	L.F.	625
2232.501	MILL BITUMINOUS SURFACE (3")	SQ.YD.	57012
2331.604	COLD IN-PLACE RECYCLE BIT. MIXTURE	SQ.YD.	1200
2331.609	BITUMINOUS MATERIAL FOR MIXTURE	TON	5
2350.501	MVWE35035E (1 1/2")	TON	5174
2350.502	MVNW35035E (1 1/2")	TON	5174
2357.502	BITUMINOUS MATERIAL FOR TACK COAT	GAL.	6271
2531.501	CONCRETE CURB & GUTTER DESIGN B624	L.F.	625
2563.601	TRAFFIC CONTROL	L.S.	1
2564.602	PAVE. MESS. (LEFT ARROW) - EPOXY	EACH	1
2564.603	4" SOLID LINE WHITE - EPOXY	L.F.	190
2564.603	12" SOLID LINE WHITE - EPOXY	L.F.	80
2564.603	4" BROKEN LINE WHITE - EPOXY	L.F.	5050
2564.603	4" SOLID LINE YELLOW - EPOXY	L.F.	770
2564.603	4" SOLID LINE DOUBLE YELLOW - EPOXY	L.F.	9710
2564.604	ZEBRA CROSSWALK WHITE - EPOXY	SQ.FT.	720
2565.602	LOOP AMPLIFIER	EACH	2
2565.602	NMC LOOP DETECTOR (6'x6')	EACH	8
2565.602	PVC HANDHOLE (METAL FRAME & COVER)	EACH	2
2565.603	1 1/4" RIGID STEEL CONDUIT	L.F.	170
2565.603	2/C # 14 WIRE (SHIELDED)	L.F.	1020
2575.605	SODDING TYPE LAWN	SQ.YD.	104
2575.632	COMMERCIAL FERT. ANALYSIS 10-10-10	LB.	8

INCLUDES 4 COUNTER LOOPS @ TANGLEWOOD DRIVE
TO BE INSTALLED WITH COUNTER LOOPS @ TANGLEWOOD DRIVE
AT VARIOUS LOCATION THROUGHOUT THE JOB (INCLUDING STATION 343+25 TO 345+50)

BASIS FOR ESTIMATED QUANTITIES
1 110 LBS. / SQUARE YARDS / INCH OF BITUMINOUS
2 .05 GALLONS OF BITUMINOUS TACK COAT / SQUARE YARD OF PAVEMENT / LIFTS
3 350 LBS. OF FERTILIZER / ACRE

THE FOLLOWING STANDARD PLATES APPROVED BY THE DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION, SHALL APPLY ON THIS PROJECT.

PLATE NO.	DESCRIPTION
7100G	CONCRETE CURB & GUTTER
8000I	STANDARD BARRICADES

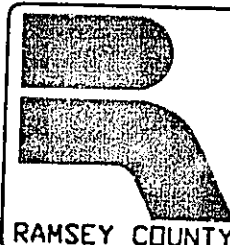
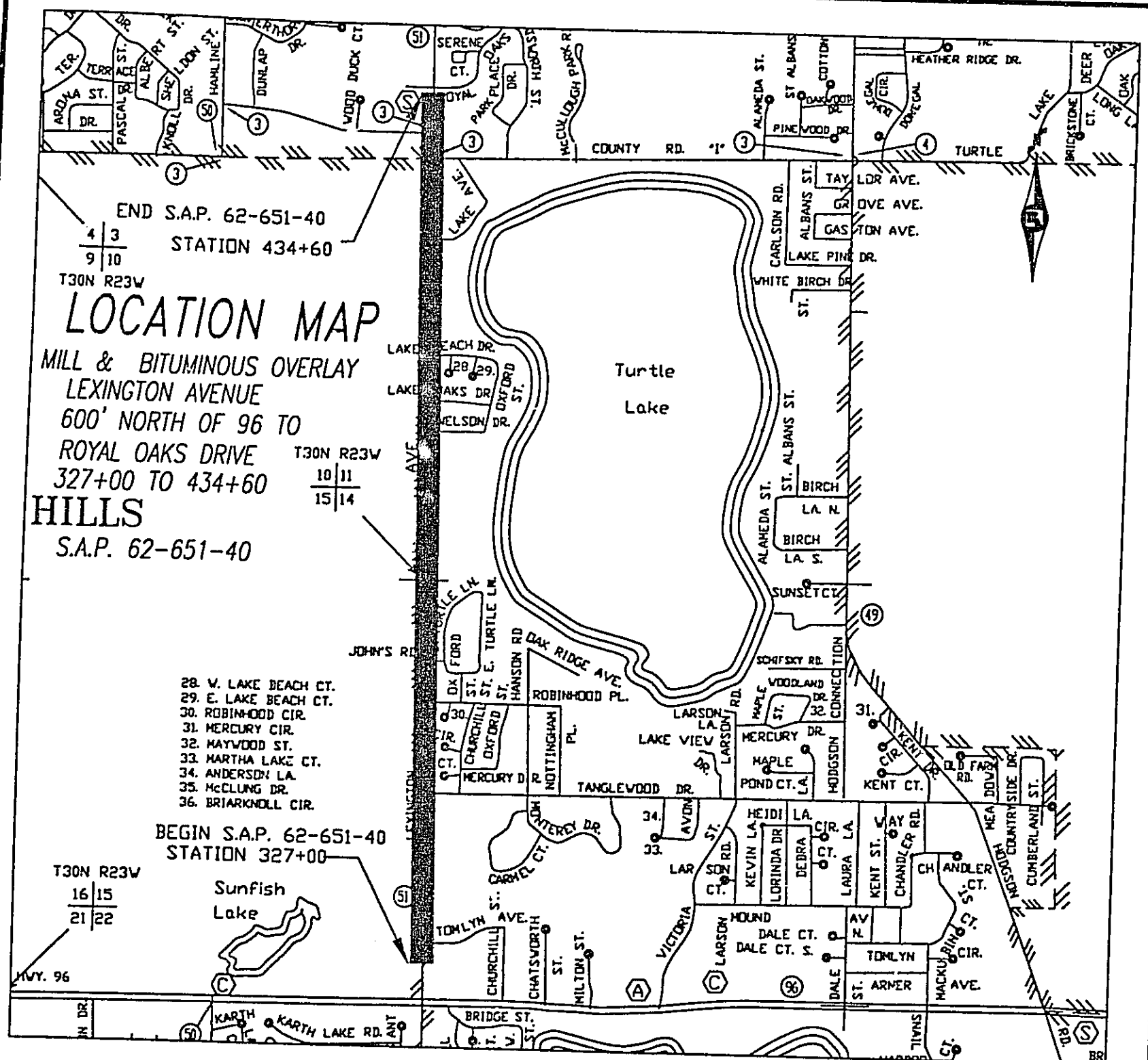
I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

NAME Kathy Jaschke 4/9/02

MIN. REG. NO. 21864

S.A.P. 62-651-40 SHEET 2 OF 5 SHEETS

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RAMSEY COUNTY Department of Public Works

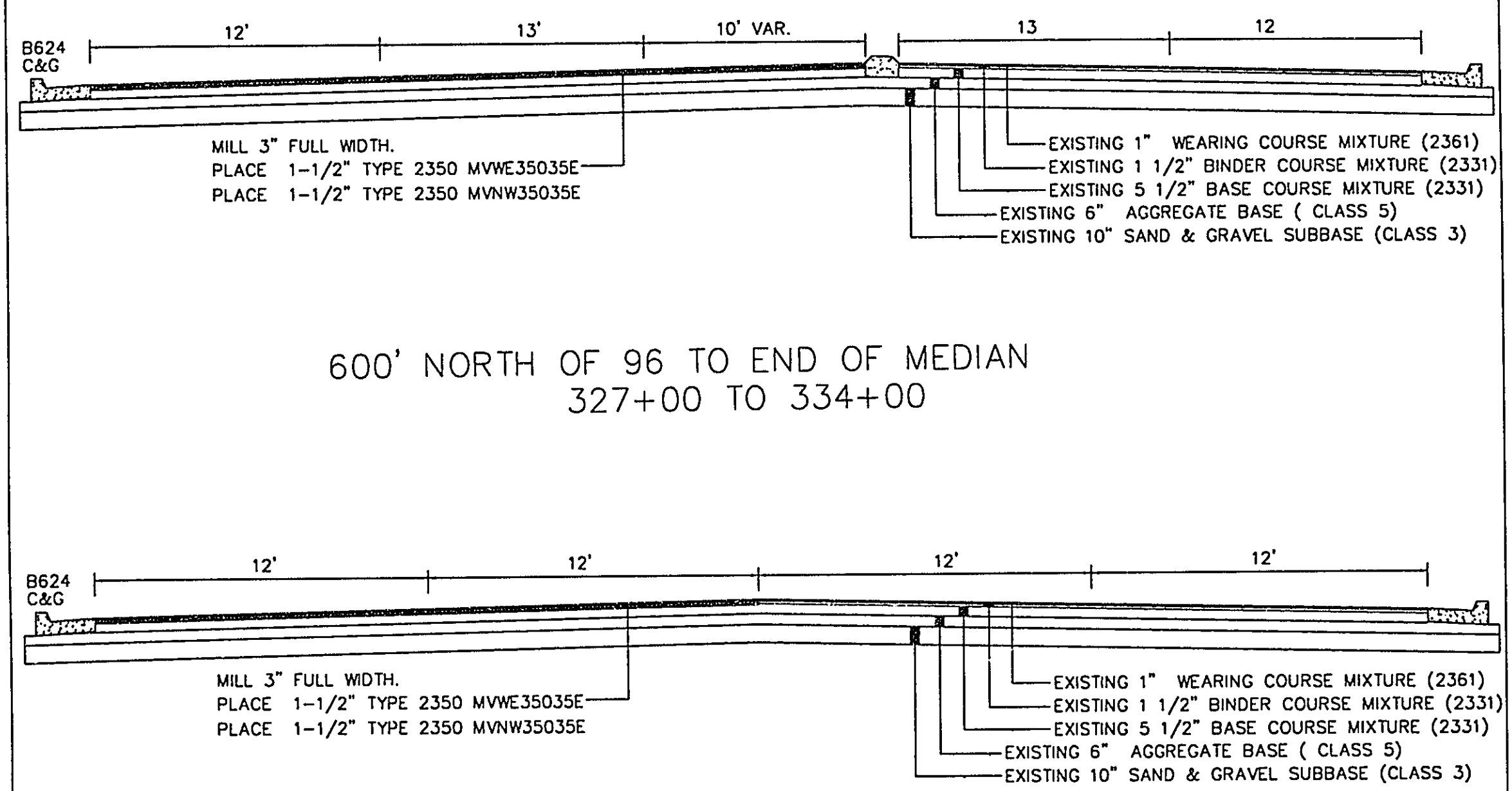
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Kathy Jaschke LIC. NO. 21864 DATE 4/9/02

S.A.P. 62-651-40 Sheet No. 3 of 5 Sheets

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TYPICAL SECTIONS LEXINGTON AVE.



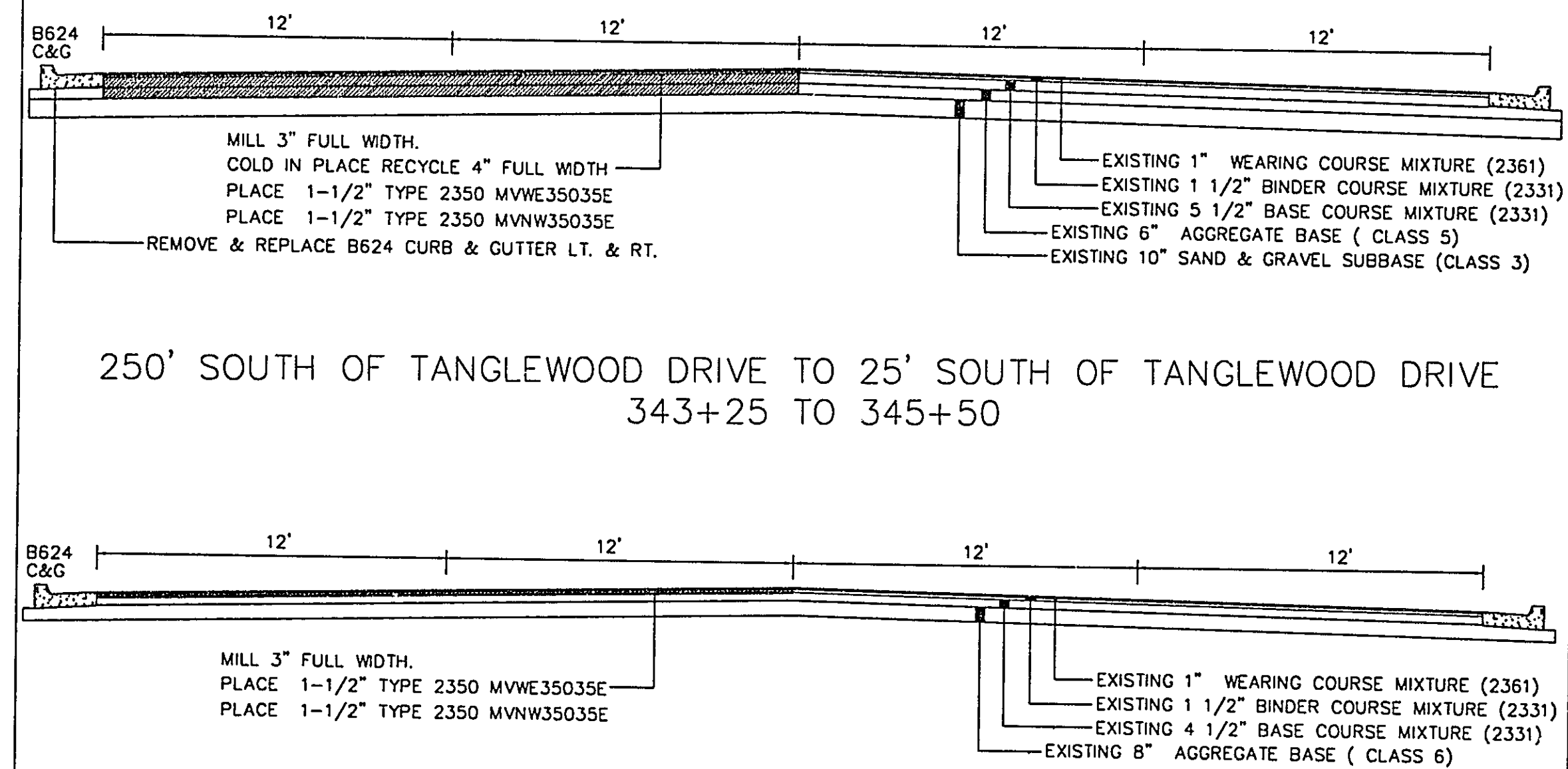
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Kathy Jaschke
REG. NO. 21864 DATE 4/9/02

END OF MEDIAN TO TANGLEWOOD DRIVE
334+00 TO 343+25
345+50 TO 346+75

S.A.P. 62-651-40 Sheet No. 4 of 5 Sheets

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TYPICAL SECTIONS LEXINGTON AVE.



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Kathy Jaschke
REG. NO. 21864 DATE 4/9/02

TANGLEWOOD DRIVE TO ROYAL OAKS DRIVE
346+75 TO 434+60

S.A.P. 62-651-40 Sheet No. 5 of 5 Sheets

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