

**PLAN EXHIBITS AND QUANTITIES FOR
CITY OF RAMSEY, MINNESOTA
IP 23-14 2023 CRITICAL
MILL AND OVERLAY IMPROVEMENTS**

I hereby certify that this plan, specification, or report 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.



Joe Feriancek

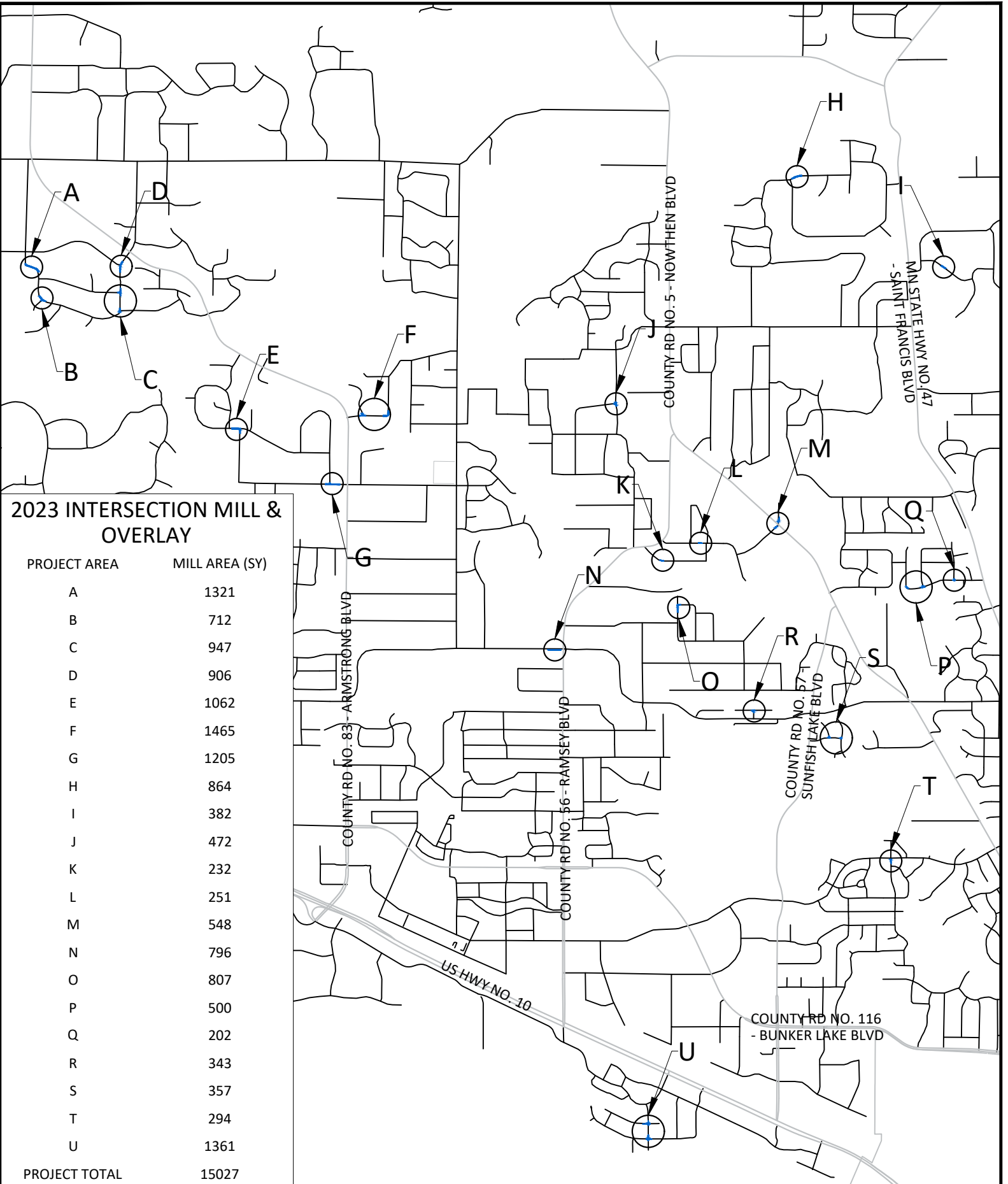
Date: May 4, 2023

License No. 57095

Prepared By:

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Engineering Department
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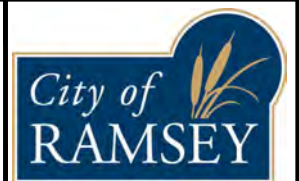
May 2023



2023 INTERSECTION MILL & OVERLAY

PROJECT AREA	MILL AREA (SY)
A	1321
B	712
C	947
D	906
E	1062
F	1465
G	1205
H	864
I	382
J	472
K	232
L	251
M	548
N	796
O	807
P	500
Q	202
R	343
S	357
T	294
U	1361
PROJECT TOTAL	15027

2023 INTERSECTION MILL & OVERLAY OVERALL MAP



IP 23-14 2023 CRITICAL MILL AND OVERLAY IMPROVEMENTS

STATEMENT OF ESTIMATED QUANTITIES

Item No.	MnDOT No.	Note	Item Description	Unit	Quantity
1	2021.501		MOBILIZATION	LS	1
2	2232.504	1,5	MILL BITUMINOUS PAVEMENT (2.0")	SY	15778
3	2357.506	2,5	BITUMINOUS MATERIAL FOR TACK COAT	GAL	1104
4	2360.509	3,5	TYPE SP 9.5 WEARING COURSE MIXTURE (3,C) 2.0"	TON	1783
5	2563.601	4	TRAFFIC CONTROL	LS	1

PAY ITEM NOTES:

1. REMOVAL LIMITS SHALL BE MARKED IN THE FIELD BY CITY STAFF.
2. ESTIMATED QUANTITY BASED ON APPLICATION RATE OF 0.07 GAL/SY.
3. ESTIMATED QUANTITY BASED ON APPLICATION RATE OF 113 LB/SY-IN.
4. LUMP SUM QUANTITY SHALL INCLUDE ALL COST REQUIRED FOR MAINTAINING ALL FLAGGING OPERATIONS AS NECESSARY, MAINTAINING PEDESTRIAN ACCESS ROUTES, ANY SIGNAGE AND BARRICADES AS NECESSARY.
5. QUANTITIES REFLECT A 5% OVERHEAD TO ACCOUNT FOR POTHOLE FILL AND FIELD ADJUSTMENTS.

GENERAL NOTES:

1. SOME MILLING AREAS CONTAIN POTHOLES GREATER THAN 2" IN DEPTH. ALL MILL AREAS SHALL USE A 2" MILL, BUT WHERE THE DEPTH IS GREATER THAN 2" TO FILL WITH BITUMINOUS PAVEMENT, THE HOLES WILL FIRST BE FILLED WITH ADDITIONAL BITUMINOUS MATERIAL AND THEN COMPACTED PRIOR TO PLACING 2" LIFT.

169TH AVE

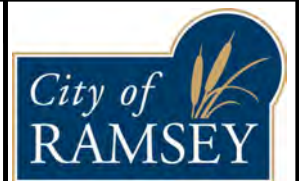
ANDRIE ST

2" MILL & OVERLAY
(1,321 SY)

ANDRIE ST

168TH AVE

2023 INTERSECTION MILL & OVERLAY
AREA A



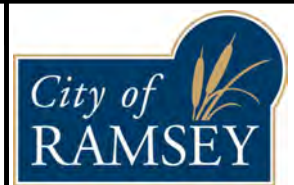


2" MILL & OVERLAY
(712 SY)

ANDRIE CIR

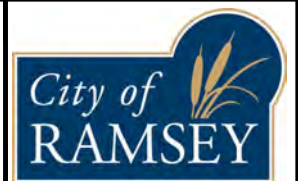
ANDRIE ST

2023 INTERSECTION MILL & OVERLAY
AREA B





2023 INTERSECTION MILL & OVERLAY
AREA C



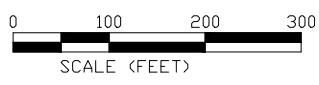


ARMSTRONG BLVD

TIGER ST

2" MILL & OVERLAY
(906 SY)

2023 INTERSECTION MILL & OVERLAY
AREA D





MARMOSET ST

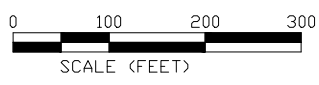
KANGAROO ST

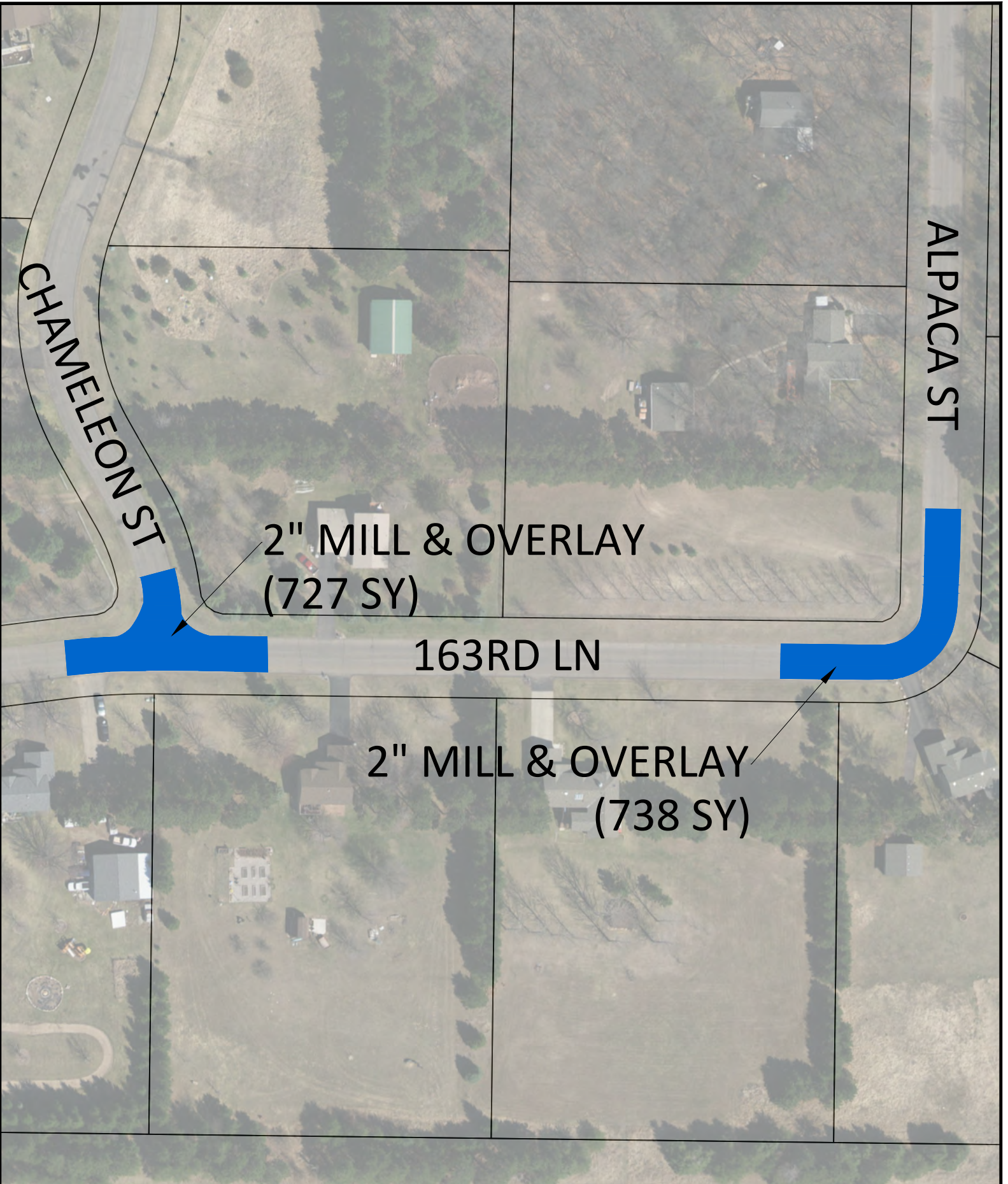
2" MILL & OVERLAY
(1,062 SY)

163RD AVE

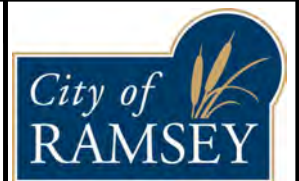
LLAMA ST

2023 INTERSECTION MILL & OVERLAY
AREA E



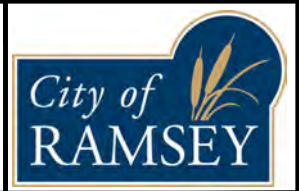


2023 INTERSECTION MILL & OVERLAY
AREA F





2023 INTERSECTION MILL & OVERLAY
AREA G





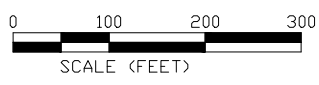
2" MILL & OVERLAY
(864 SY)

172ND LN

172ND LN

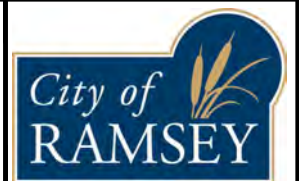
WOLFRAM ST

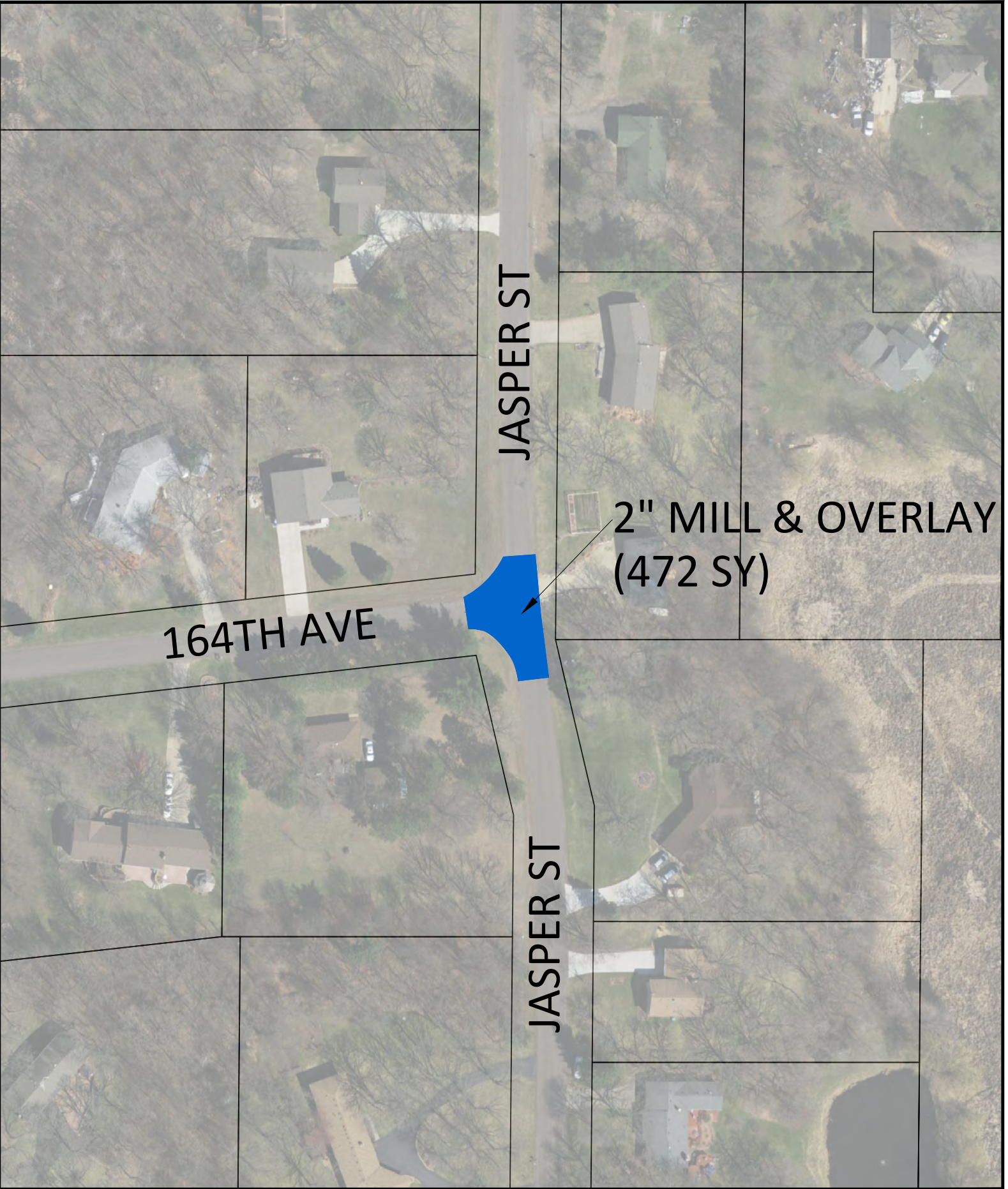
2023 INTERSECTION MILL & OVERLAY
AREA H



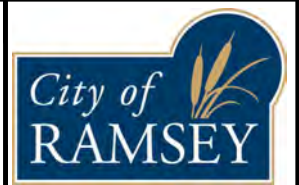


2023 INTERSECTION MILL & OVERLAY
AREA I





2023 INTERSECTION MILL & OVERLAY
AREA J



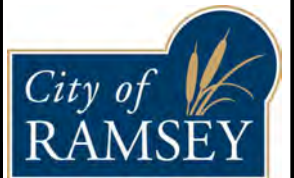
RAMSEY BLVD

2" MILL & OVERLAY
(232 SY)

158TH LN



2023 INTERSECTION MILL & OVERLAY
AREA K





EBONY ST

DOLOMITE ST

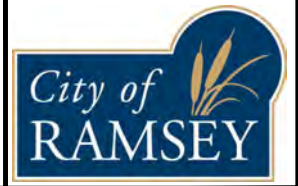
159TH AVE

159TH AVE

2" MILL & OVERLAY
(251 SY)

DOLOMITE ST

2023 INTERSECTION MILL & OVERLAY
AREA L





XENON ST

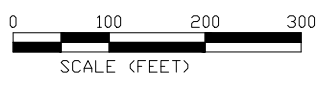
2" MILL & OVERLAY
(316 SY)

2" MILL & OVERLAY
(232 SY)

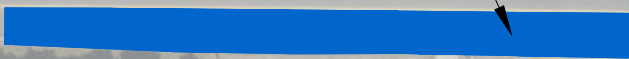
NOWTHEN BLVD

XENON ST

2023 INTERSECTION MILL & OVERLAY
AREA M



2" MILL & OVERLAY
(796 SY)



ALPINE DR

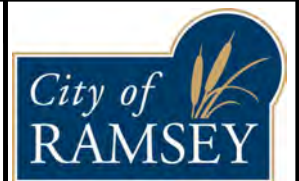
RAMSEY BLVD

2023 INTERSECTION MILL & OVERLAY
AREA N



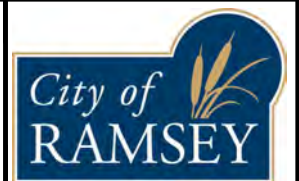


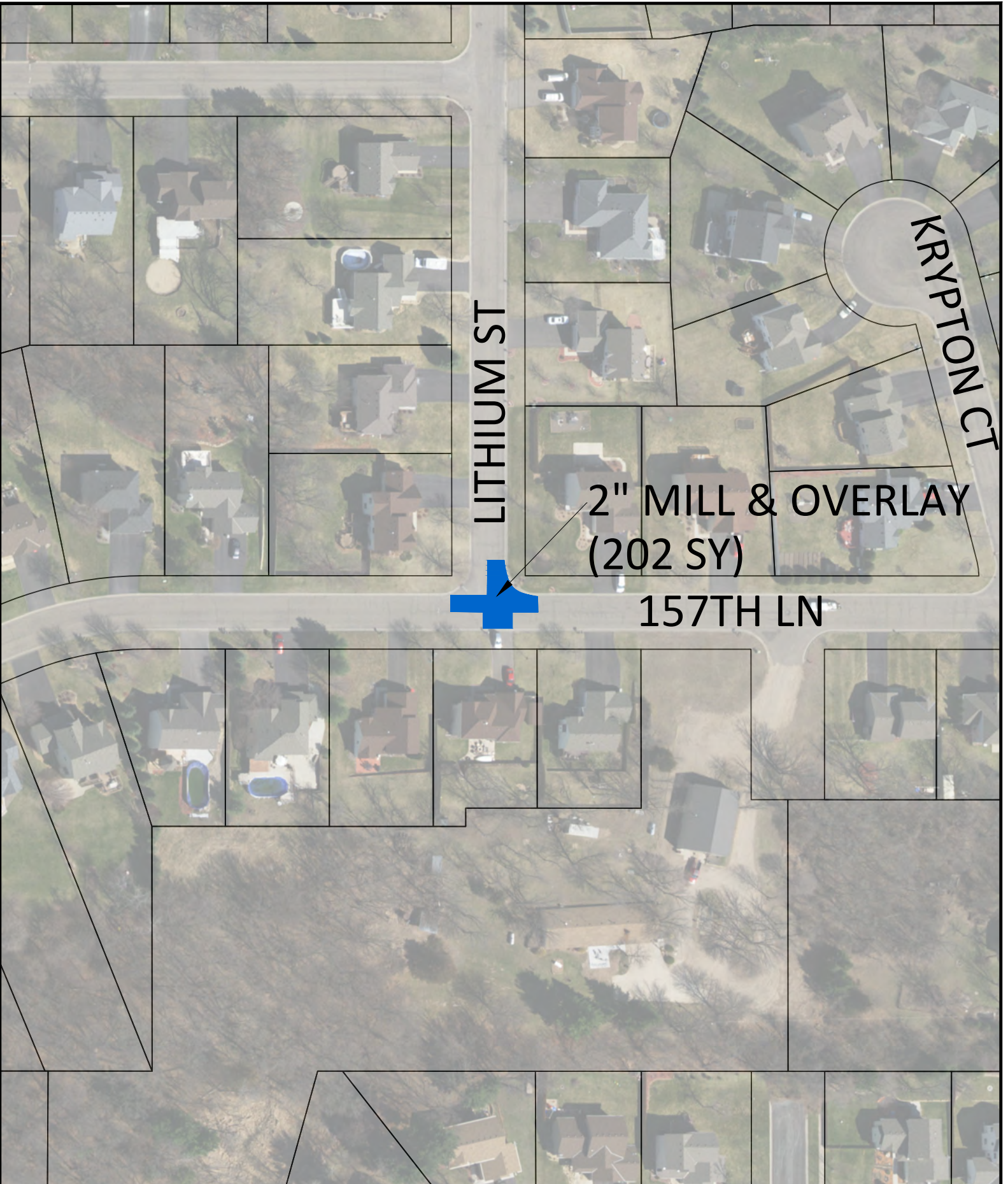
2023 INTERSECTION MILL & OVERLAY
AREA O



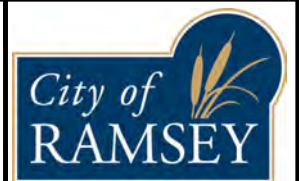


2023 INTERSECTION MILL & OVERLAY
AREA P



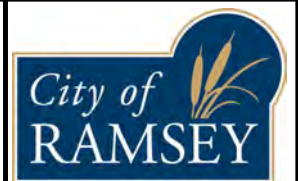


2023 INTERSECTION MILL & OVERLAY
AREA Q





2023 INTERSECTION MILL & OVERLAY
AREA R





2023 INTERSECTION MILL & OVERLAY
AREA S

