

DESIGN DESIGNATION

FUNCTIONAL CLASSIFICATION

MAJOR COLLECTOR

A.D.T. - 2022 = 2984
A.D.T. - 2042 = 3879

CURRENT DESIGN SPEED = 25 MPH
PROJECTED DESIGN SPEED = 25 MPH

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
COVER SHEET	1
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CONVENTIONAL SYMBOLS

(USED IN PLANS)

	EXISTING	NEW
BUILDINGS AND STRUCTURES		
GUARD RAIL		
CONCRETE RIGHT-OF-WAY MARKER		
STEEL RIGHT-OF-WAY MARKER		
LOCATION SURVEY MARKER		
UTILITIES		
FIBER OPTICS		
OVERHEAD TELEPHONE		
UNDERGROUND TELEPHONE		
OVERHEAD POWER		
UNDERGROUND POWER		
GAS		
WATER		
MANHOLE		
FIRE HYDRANT		
WATER VALVE		
WATER METER		
DROP INLET		
DITCH BLOCK		
GROUND MOUNTED SIGN		
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL		
FENCE		
CHAIN LINK		
WOVEN WIRE		
GATE POST		
BENCHMARK		

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES. EXCEPT FOR THE PROPOSED MSD STORMSEWER PROJECT

CITY OF GLENDALE
424 NORTH SAPPINGTON ROAD
GLENDALE, MISSOURI 63122
314-968-8157

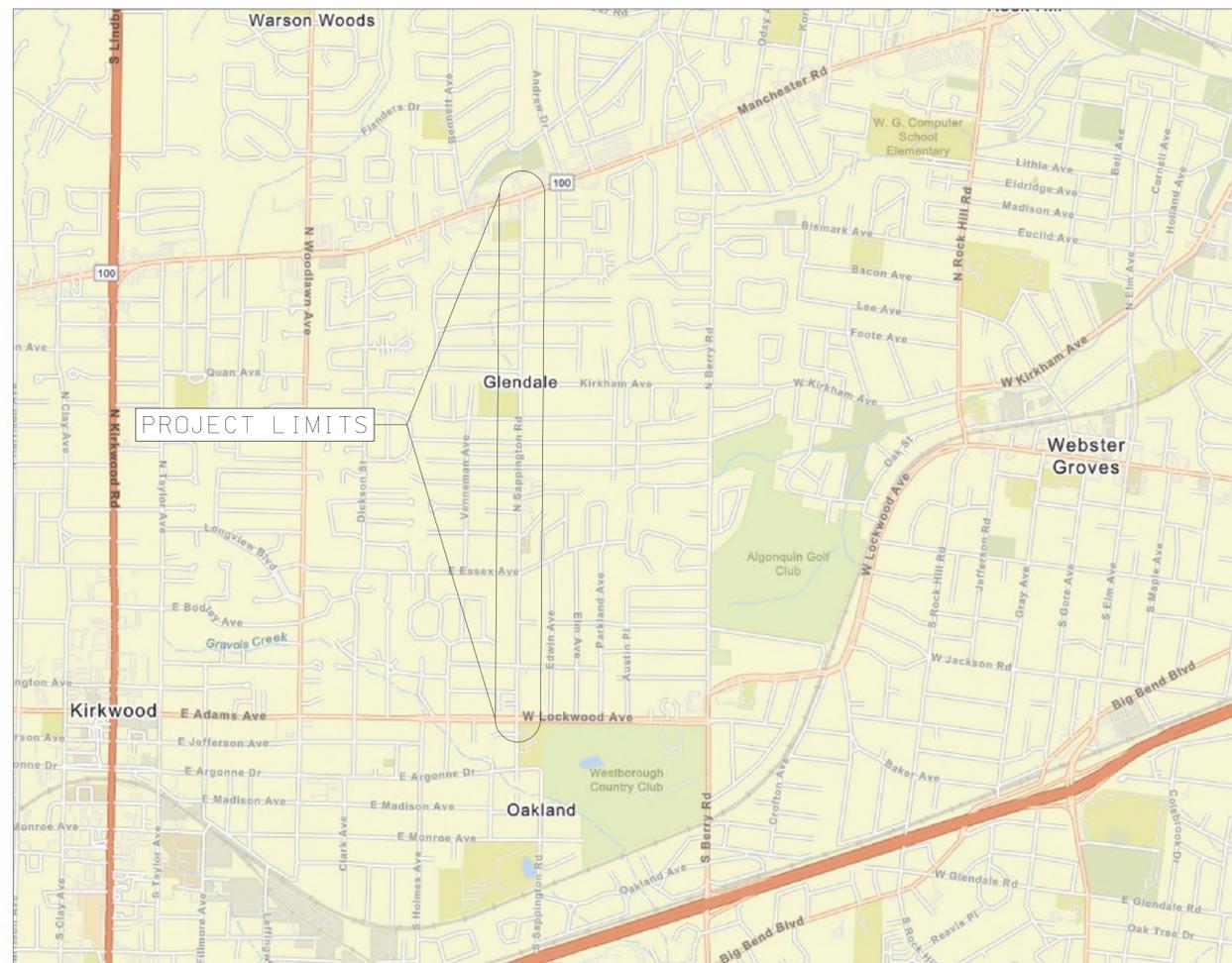
APPROVED BY:

MIKE WILCOX DATE
MAYOR

NORTH SAPPINGTON ROAD
PRESERVATION
GLENDALE, MISSOURI

FEDERAL PROJECT NO. STP-5568 (604)
TIP # 7185-23

PRELIMINARY PLANS



N.T.S

PROJECT LIMITS

BEGINNING OF PROJECT	STA 00+50.60
END OF PROJECT	STA 71+78.86
APPARENT LENGTH	7,128.26 FEET
EQUATIONS AND EXCEPTIONS	N/A
TOTAL CORRECTIONS	N/A
NET LENGTH OF PROJECT	7,131 FEET

**PRELIMINARY
PLANS
NOT FOR
CONSTRUCTION**

DISCLAIMER OF
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REV	DATE	BY	DESCRIPTION

SHOP DRAWINGS FOR BMPs:

MSD SHOP DRAWING SUBMITTAL REQUIRED FOR BMP AND ITS COMPONENTS PRIOR TO CONSTRUCTION.

MSD CONTACT:

PLEASE CONTACT THE DISTRICT S CONSTRUCTION MANAGEMENT DIVISION AT (314) 335-2072 FOR QUESTIONS.

LIMITS OF DISTURBANCE:

The contractor shall stay within the limits of disturbance as shown on the plans and minimize disturbance within the work area wherever possible.

CONTRACTOR'S INSURANCE (OFFSITE):

PRIOR TO OBTAINING A CONSTRUCTION PERMIT FROM THE METROPOLITAN ST. LOUIS SEWER DISTRICT, THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE THE DISTRICT WITH A COPY OF AN EXECUTED CERTIFICATE OF INSURANCE INDICATING THAT THE PERMITTEE HAS OBTAINED AND WILL CONTINUE TO CARRY COMMERCIAL GENERAL LIABILITY AND COMPREHENSIVE AUTO LIABILITY INSURANCE. THE REQUIREMENTS AND LIMITS SHALL BE AS STATED IN THE RULES AND REGULATIONS AND ENGINEERING DESIGN REQUIREMENTS FOR SANITARY AND STORMWATER DRAINAGE FACILITIES, SECTION 10.090. (ADDENDUM)

PREVAILING WAGE NOTE:

Notice to Contractor: This project includes relocation, alteration, or reconstruction of existing MSD facilities. In accordance with MSD Resolution 3263, the District requires the wage rate to be at least equal to the Missouri Prevailing Wage Rate at the time of construction start. An affidavit certifying that the Missouri Prevailing Wage Rate at the time of construction start has been paid for all work related to relocation, alteration, or reconstruction of existing MSD facilities is required prior to MSD Construction Approval of this project.

LOCHMUELLER GROUP
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MISSOURI STATE ENGINEERING CORPORATION
CERTIFICATE LICENSE NO. 2002011852

N SAPPINGTON RD
PRESERVATION

COVER SHEET

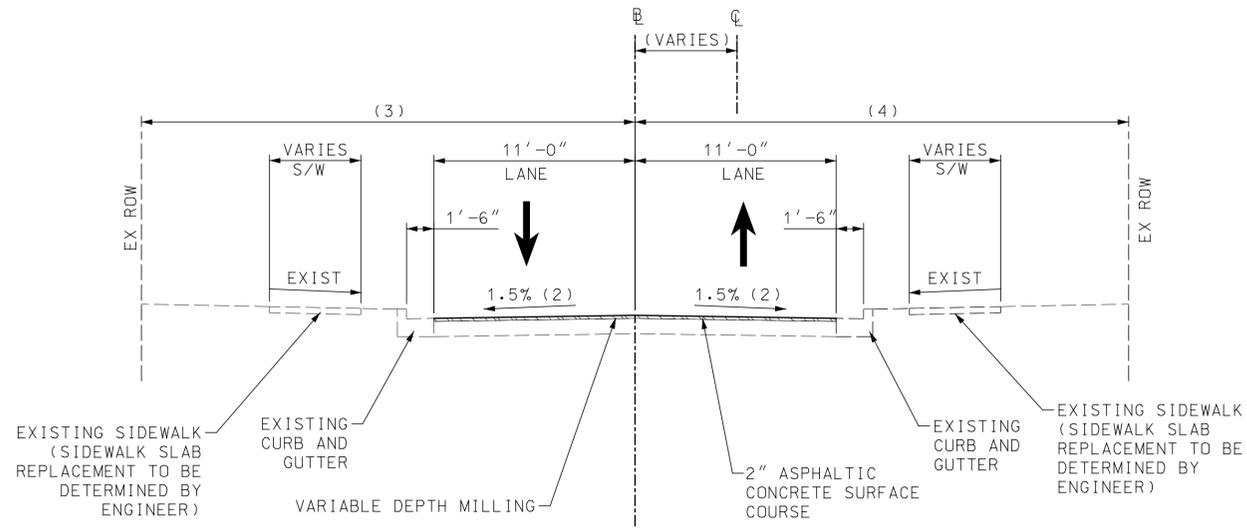
PROJECT/JOB NO.	STP-5568 (604)
MSD PROJECT NO.	XXMSD-XXXXX
MSD BASE MAP	XXX
DATE PREPARED	7/9/2024
SHEET	1 OF 17

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED. LOCHMUELLER PROJECT NO. 522-0044

NOTES:

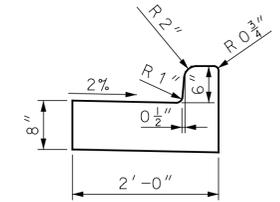
- SIDEWALK SHALL BE CONSTRUCTED TO PROVIDE A MINIMUM 4' WIDE ACCESSIBLE ROUTE IN ACCORDANCE WITH CURRENT ADA REQUIREMENTS.
- SLOPES MAY VARY AT INTERSECTIONS. SEE INTERSECTION DETAILS FOR LOCATION AND LENGTH OF TRANSITIONS.
- 21'-6" ROW FROM STA 0+47.78 TO STA 2+38.50,
 - 18'-6" FROM STA 2+38.50 TO STA 7+26.62,
 - 19'-6" FROM STA 7+26.62 TO STA 24+48.77,
 - 20'-6" FROM STA 28+48.77 TO STA 29+48.77,
 - ROW VARIES FROM 22'-0" TO 19'-6" FROM STA 29+48.77 TO STA 31+01.94,
 - 19'-6" ROW FROM STA 31+01.94 TO STA 32+53.29,
 - ROW VARIES 19'-6" TO 24'-6" FROM STA 32+53.29 TO STA 33+28.64,
 - ROW VARIES 24'-6" TO 20'-0" FROM STA 33+28.64 TO STA 34+00.80,
 - 20'-0" ROW FROM STA 34+00.80 TO STA 36+40.82,
 - 23'-6" FROM STA 36+40.82 TO STA 31+91.80,
 - 24'-6" FROM STA 31+91.80 TO STA 38+00.00
 - ROW VARIES FROM 24'-6" TO 24'-0" FROM STA 38+00.00 TO STA 42+00.00,
 - 24'-0" TO 23'-0" FROM STA 42+00.00 TO STA 46+00.00,
 - 23'-0" TO 22'-6" FROM STA 46+00.00 TO STA 52+00.00,
 - 22'-6" ROW FROM STA 52+00.00 TO STA 56+00.00,
 - 22'-0" FROM STA 56+00.00 TO STA 60+37.46,
 - 26'-6" FROM STA 60+37.46 TO STA 61+00.00,
 - ROW VARIES FROM 26'-6" TO 21'-0" FROM STA 61+00.00 TO STA 63+00.00,
 - 21'-0" ROW FROM STA 63+00.00 TO STA 71+63.24,
 - ROW VARIES FROM 21'-0" TO 39'-0" FROM STA 71+63.24 TO STA 71+78.86.

- 21'-6" ROW FROM STA 0+47.78 TO STA 7+01.82,
 - 21'-0" FROM STA 7+01.82 TO STA 13+71.57,
 - 20'-0" FROM STA 13+71.57 TO STA 21+65.15,
 - 22'-0" FROM STA 21+65.15 TO STA 29+48.77
 - ROW VARIES FROM 22'-0" TO 19'-6" FROM STA 29+48.77 TO STA 31+01.94,
 - 19'-6" ROW FROM STA 31+01.94 TO STA 32+53.29,
 - 19'-6" TO 15'-0" FROM STA 32+53.29 TO STA 33+27.46,
 - 25'-0" ROW FROM STA 33+27.46 TO STA 35+21.53,
 - 20'-0" FROM STA 35+21.53 TO STA 42+42.50,
 - 26'-0" FROM STA 42+42.50 TO STA 44+22.48,
 - 21'-0" FROM STA 44+22.48 TO STA 46+72.48,
 - 16'-6" FROM STA 46+72.48 TO STA 52+07.70,
 - 17'-6" FROM STA 52+07.70 TO STA 58+45.84,
 - 18'-0" FROM STA 58+45.84 TO STA 66+21.28,
 - 20'-0" FROM STA 66+21.28 TO STA 70+22.20,
 - 30'-0" FROM STA 70+22.20 TO STA 71+78.86.

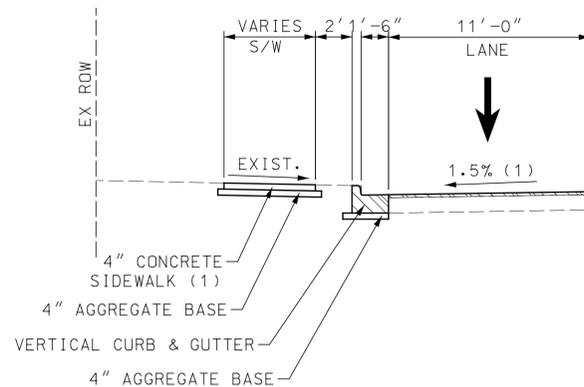


SAPPINGTON RD

STA 0+47.78 TO STA 71+78.86

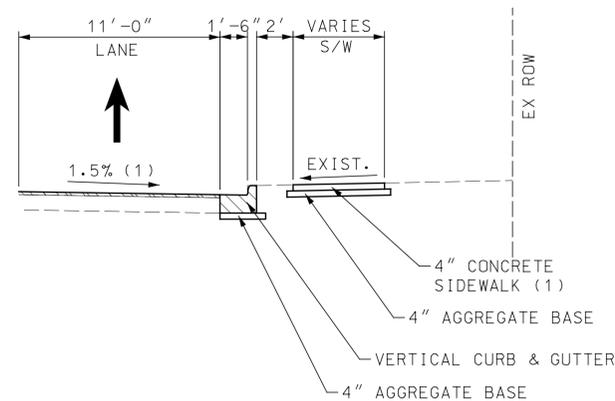


VERTICAL CURB & GUTTER
STANDARD SLOPE



SAPPINGTON RD PARTIAL SECTION AT CURB AND GUTTER AND SIDEWALK REPLACEMENT

SEE PLAN FOR LOCATIONS



SAPPINGTON RD PARTIAL SECTION AT CURB AND GUTTER AND SIDEWALK REPLACEMENT

SEE PLANS FOR LOCATIONS

REMOVAL

PRELIMINARY PLANS NOT FOR CONSTRUCTION

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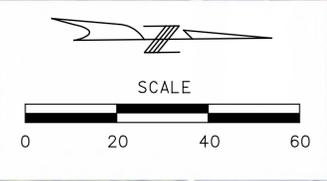
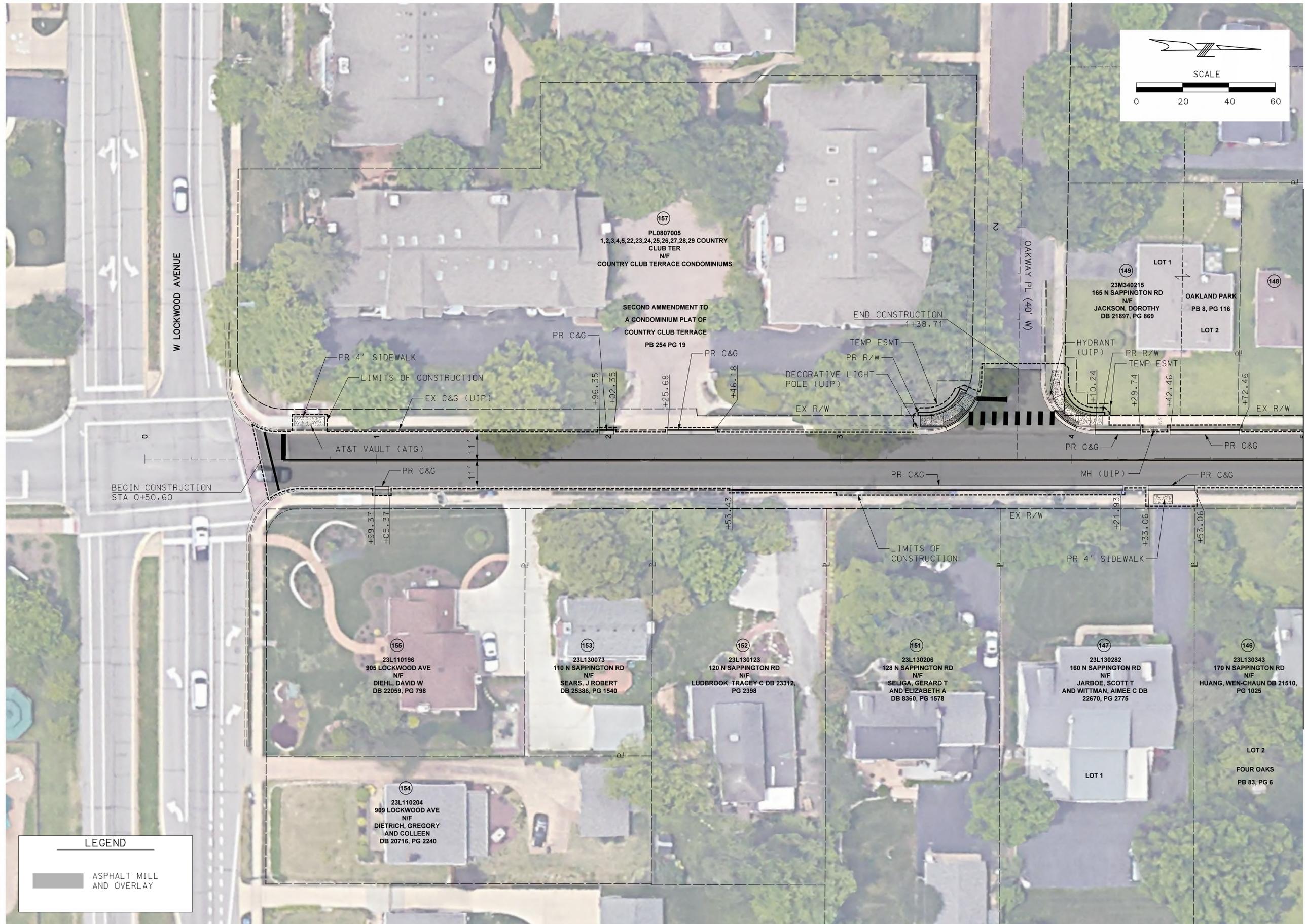
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WWW.LOCHMUELLERGROUP.COM
MISSOURI STATE ENGINEERING CORPORATION
CERTIFICATE/LICENSE NO. 2002011852

N SAPPINGTON RD PRESERVATION
TYPICAL SECTIONS
SHEET 1 OF 1

PROJECT/JOB NO. STP-5568(604)
MSD PROJECT NO. XXMSD-XXXXX
MSD BASE MAP XXX
DATE PREPARED 7/9/2024
SHEET 1 OF 17

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED. LOCHMUELLER PROJECT NO. 522-0044



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**N SAPPINGTON RD
PRESERVATION
PLAN SHEETS
SHEET 1 OF 14**

PROJECT/JOB NO.	STP-5568(604)
MSD PROJECT NO.	XXMSD-XXXXX
MSD BASE MAP	XXX
DATE PREPARED	7/9/2024
SHEET	3 OF 17

LEGEND

	ASPHALT MILL AND OVERLAY
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MATCHLINE STA 5+00

LOCHMUELLER PROJECT NO. 522-0044 IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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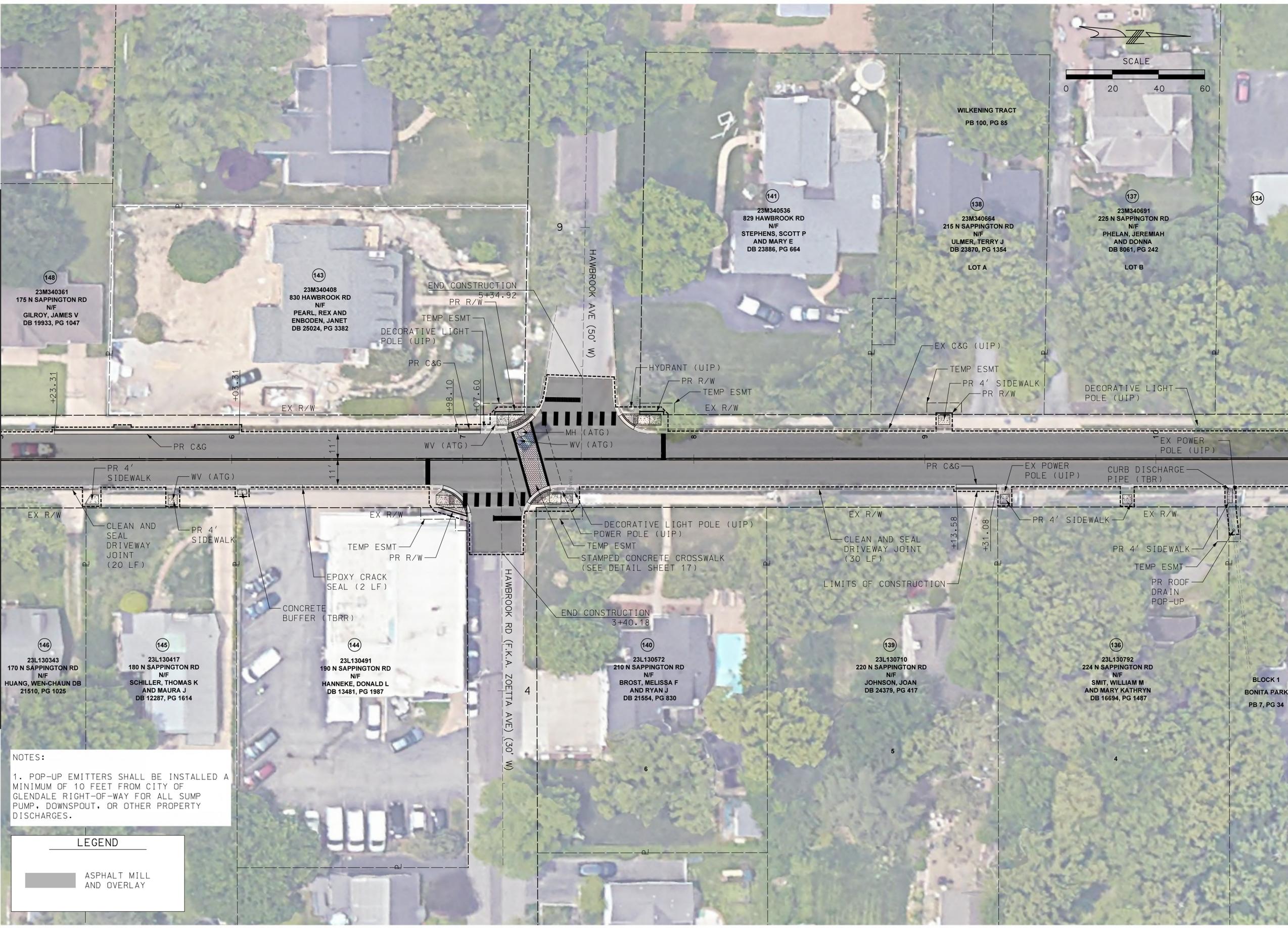
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N SAPPINGTON RD
PRESERVATION
 PLAN SHEETS
 SHEET 2 OF 14

PROJECT/JOB NO. STP-5568(604)
MSD PROJECT NO. XXMSD-XXXXX
MSD BASE MAP XXX
DATE PREPARED 7/9/2024
SHEET 4 OF 17

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MATCHLINE STA 5+00

MATCHLINE STA 10+60

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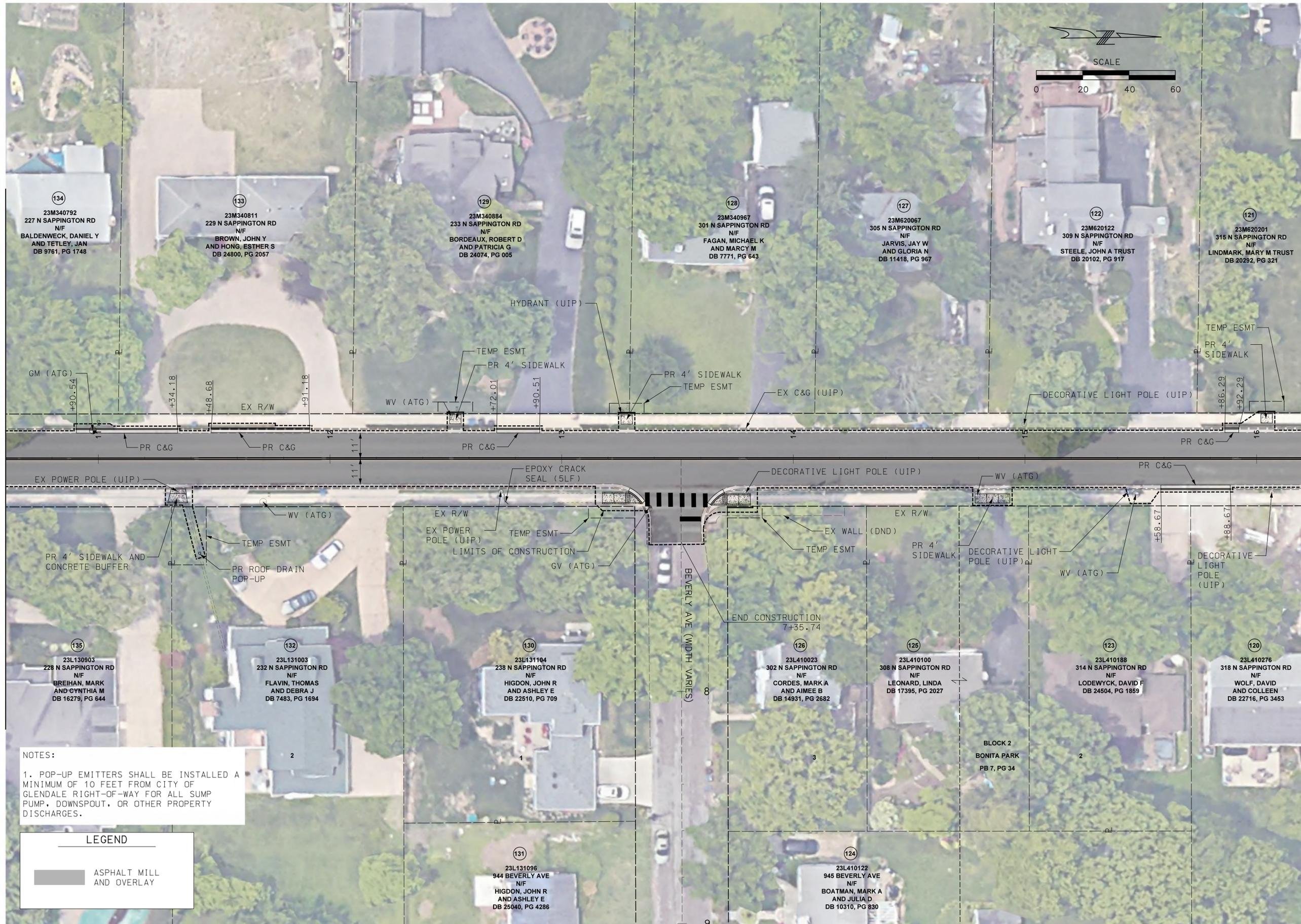
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N SAPPINGTON RD
PRESERVATION
PLAN SHEETS
SHEET 3 OF 14

PROJECT/JOB NO. STP-5568(604)
MSD PROJECT NO. XXMSD-XXXXX
MSD BASE MAP XXX
DATE PREPARED 7/9/2024
SHEET 5 OF 17

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MATCHLINE STA 10+60

MATCHLINE STA 16+20

NOTES:
1. POP-UP EMITTERS SHALL BE INSTALLED A MINIMUM OF 10 FEET FROM CITY OF GLENDALE RIGHT-OF-WAY FOR ALL SUMP PUMP, DOWNSPOUT, OR OTHER PROPERTY DISCHARGES.

LEGEND

	ASPHALT MILL AND OVERLAY
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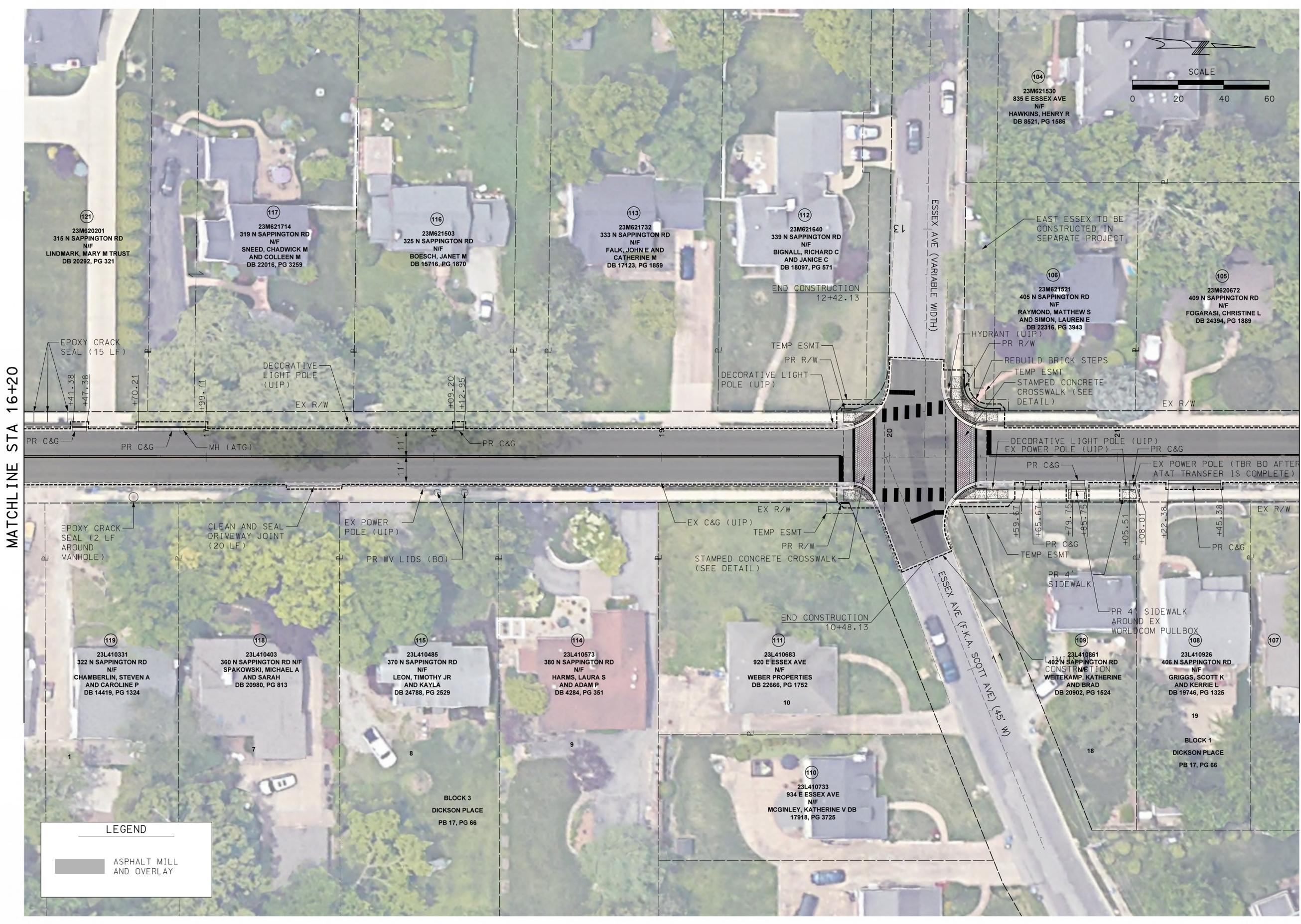
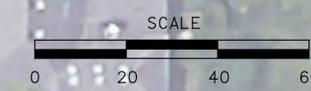
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N SAPPINGTON RD
 PRESERVATION
 PLAN SHEETS
 SHEET 4 OF 14

PROJECT/JOB NO. STP-5568(604)
MSD PROJECT NO. XXMSD-XXXXX
MSD BASE MAP XXX
DATE PREPARED 7/9/2024
SHEET 6 OF 17

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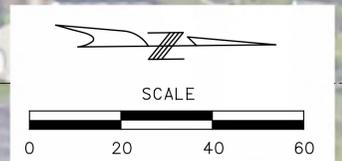


LEGEND

ASPHALT MILL AND OVERLAY

MATCHLINE STA 16+20

MATCHLINE STA 21+80



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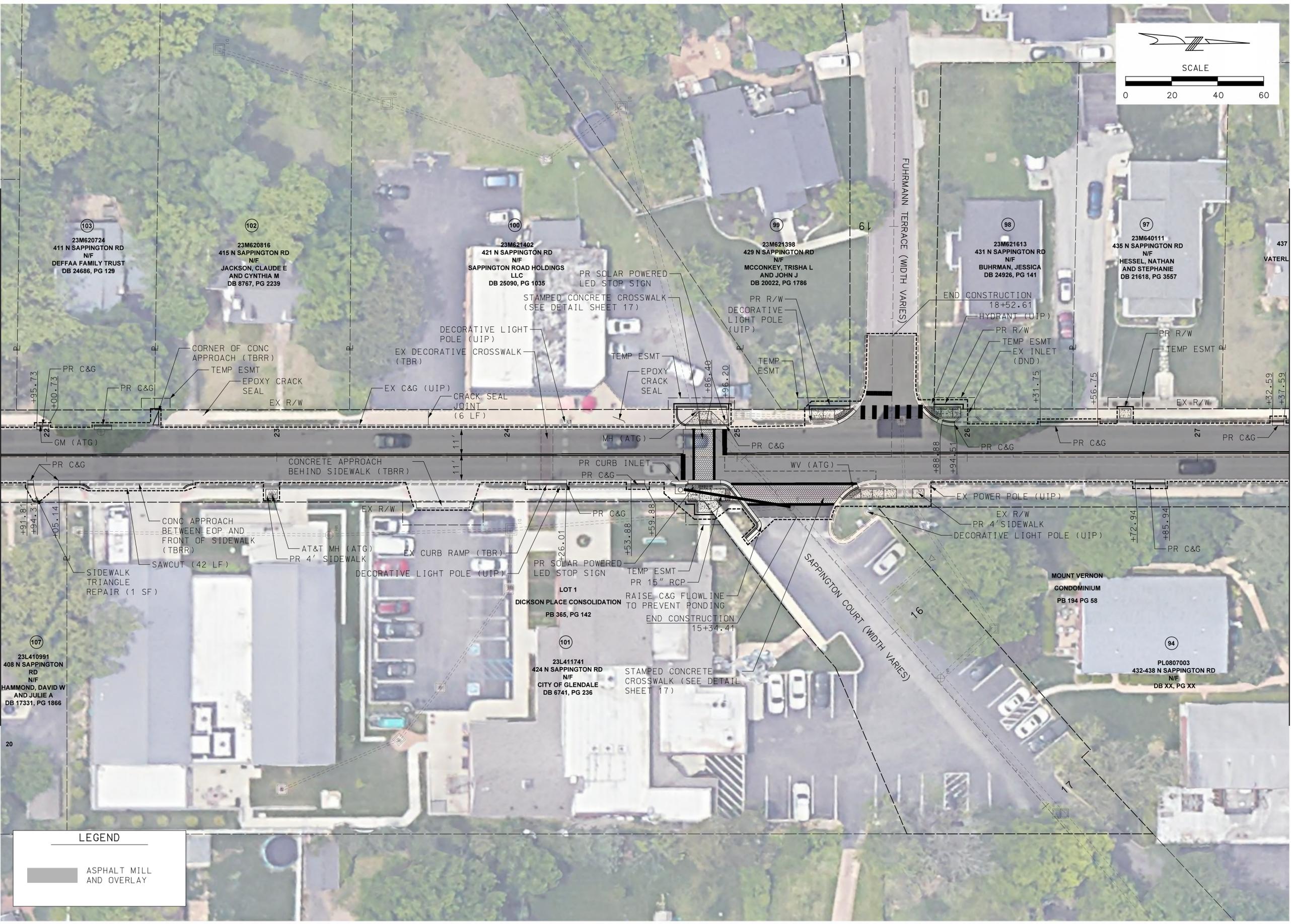
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N SAPPINGTON RD
PRESERVATION
PLAN SHEETS
SHEET 5 OF 14

PROJECT/JOB NO. STP-5568(604)
MSD PROJECT NO. XXMSD-XXXXX
MSD BASE MAP XXX
DATE PREPARED 7/9/2024
SHEET 7 OF 17

MATCHLINE STA 21+80

MATCHLINE STA 27+40



LEGEND

	ASPHALT MILL AND OVERLAY
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LOCHMUELLER PROJECT NO. 522-0044

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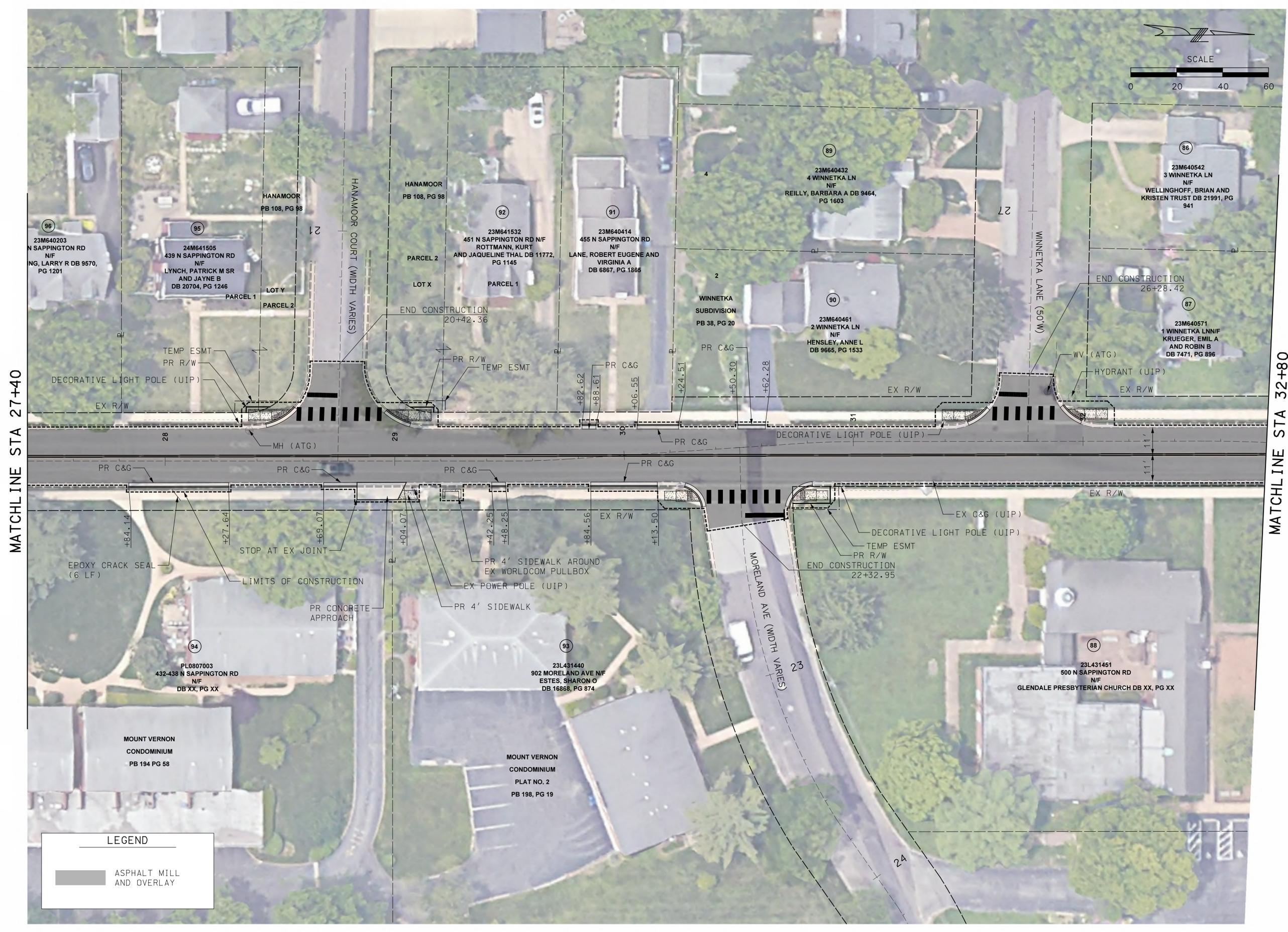
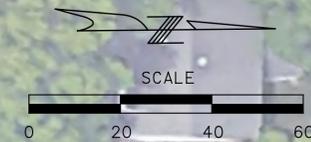
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PRESERVATION
 PLAN SHEETS
 SHEET 6 OF 14

PROJECT/JOB NO. STP-5568(604)
MSD PROJECT NO. XXMSD-XXXXX
MSD BASE MAP XXX
DATE PREPARED 7/9/2024
SHEET 8 OF 17

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LEGEND

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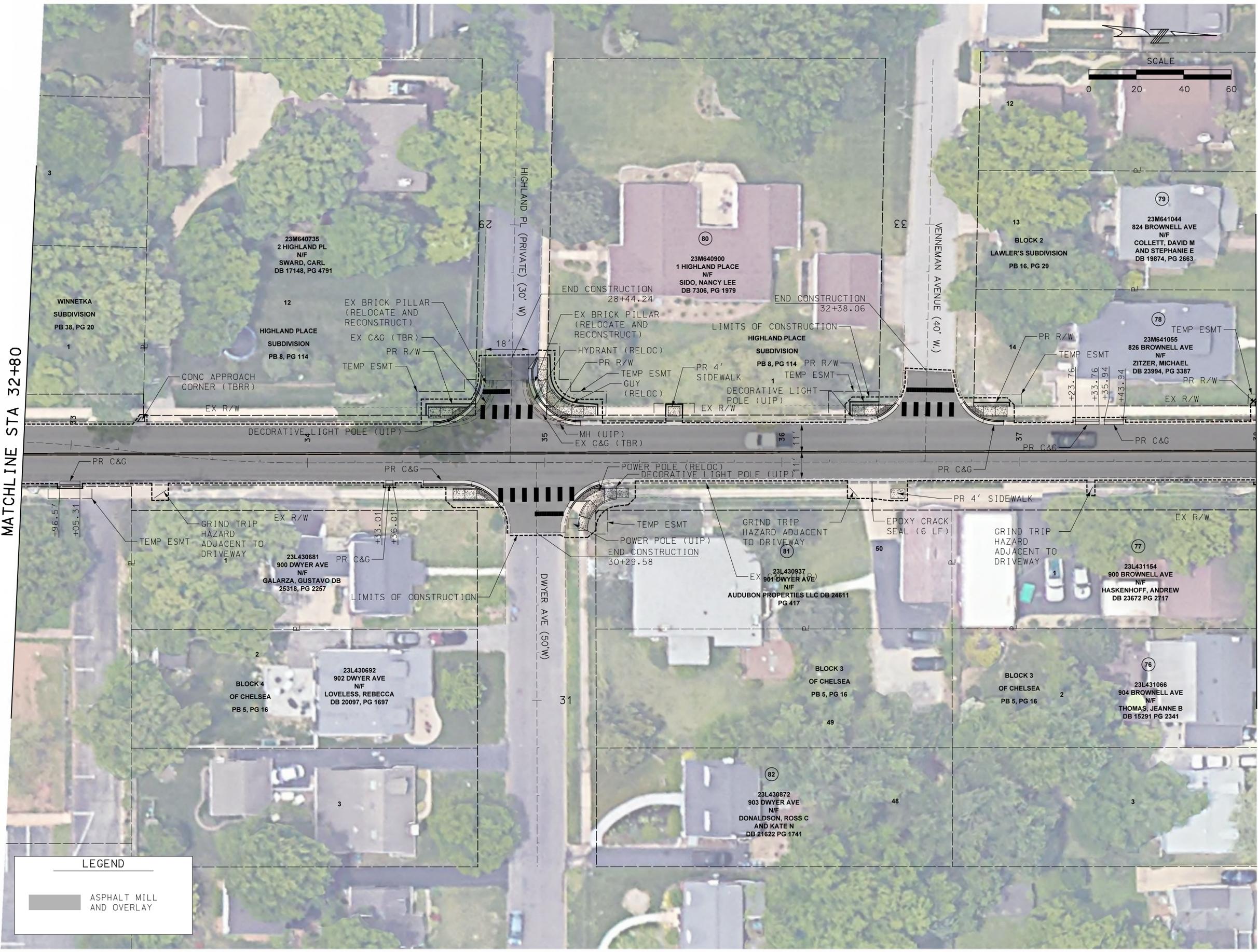
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N SAPPINGTON RD
 PRESERVATION
 PLAN SHEETS
 SHEET 7 OF 14

PROJECT/JOB NO. STP-5568(604)
MSD PROJECT NO. XXMSD-XXXXX
MSD BASE MAP XXX
DATE PREPARED 7/9/2024
SHEET 9 OF 17

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MATCHLINE STA 32+80

MATCHLINE STA 38+00

LEGEND

ASPHALT MILL AND OVERLAY

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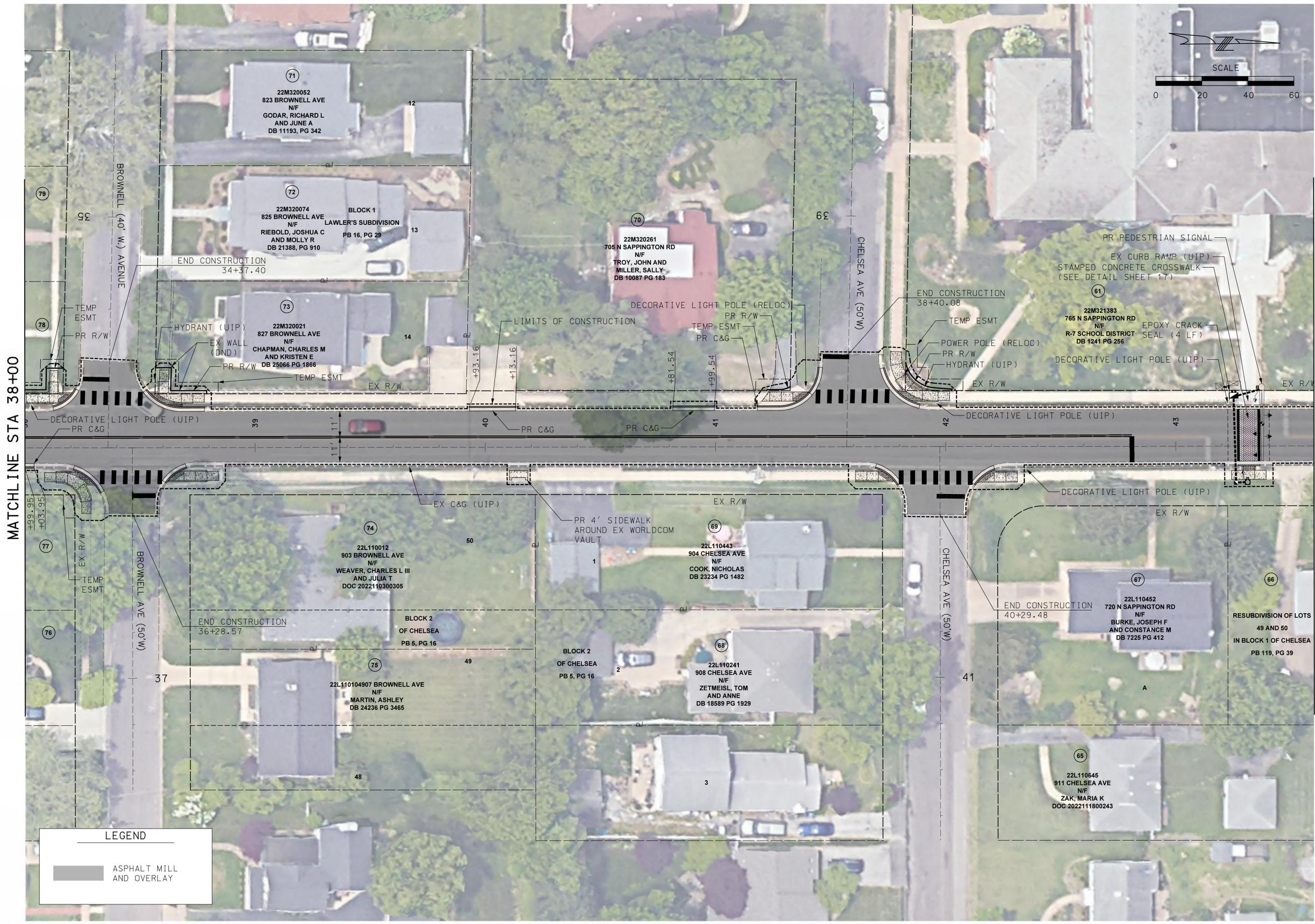
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N SAPPINGTON RD
PRESERVATION
 PLAN SHEETS
 SHEET 8 OF 14

PROJECT/JOB NO. STP-5568(604)
MSD PROJECT NO. XXMSD-XXXXX
MSD BASE MAP XXX
DATE PREPARED 7/9/2024
SHEET 10 OF 17



LEGEND

	ASPHALT MILL AND OVERLAY
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MATCHLINE STA 38+00

MATCHLINE STA 43+60

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MATCHLINE STA 43+60

MATCHLINE STA 49+00

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N SAPPINGTON RD
PRESERVATION
 PLAN SHEETS
 SHEET 9 OF 14

PROJECT/JOB NO. STP-5568 (604)
MSD PROJECT NO. XXMSD-XXXXX
MSD BASE MAP XXX
DATE PREPARED 7/9/2024
SHEET 1:1 OF 1:7

LEGEND

ASPHALT MILL AND OVERLAY

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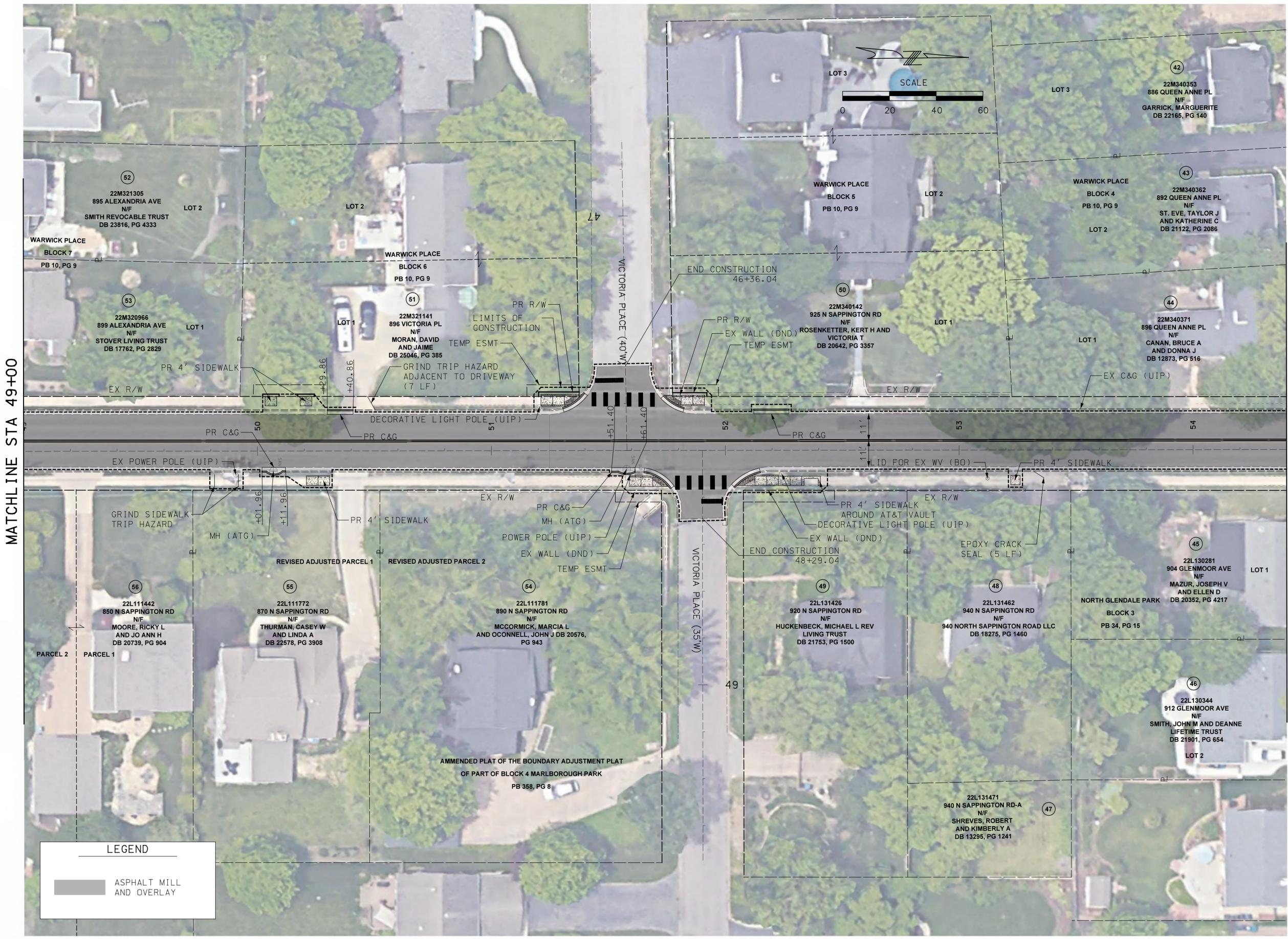
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 PLAN SHEETS
 SHEET 10 OF 14

PROJECT/JOB NO. STP-5568(604)
MSD PROJECT NO. XXMSD-XXXXX
MSD BASE MAP XXX
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SHEET 12 OF 17

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LEGEND

	ASPHALT MILL AND OVERLAY
--	--------------------------

MATCHLINE STA 49+00

MATCHLINE STA 54+40

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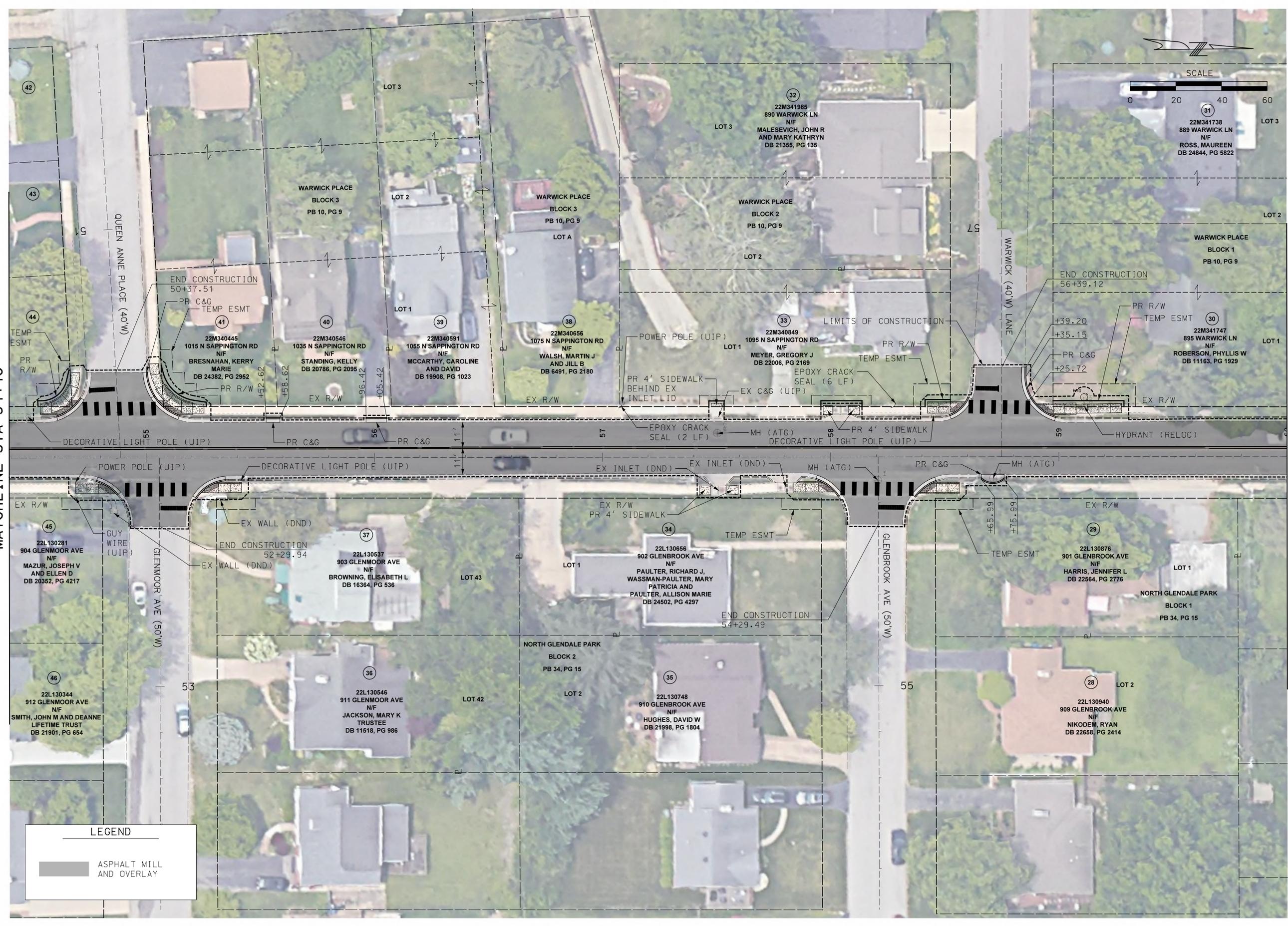
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 SHEET 11 OF 14

PROJECT/JOB NO. STP-5568 (604)
MSD PROJECT NO. XXMSD-XXXXX
MSD BASE MAP XXX
DATE PREPARED 7/9/2024
SHEET 13 OF 17

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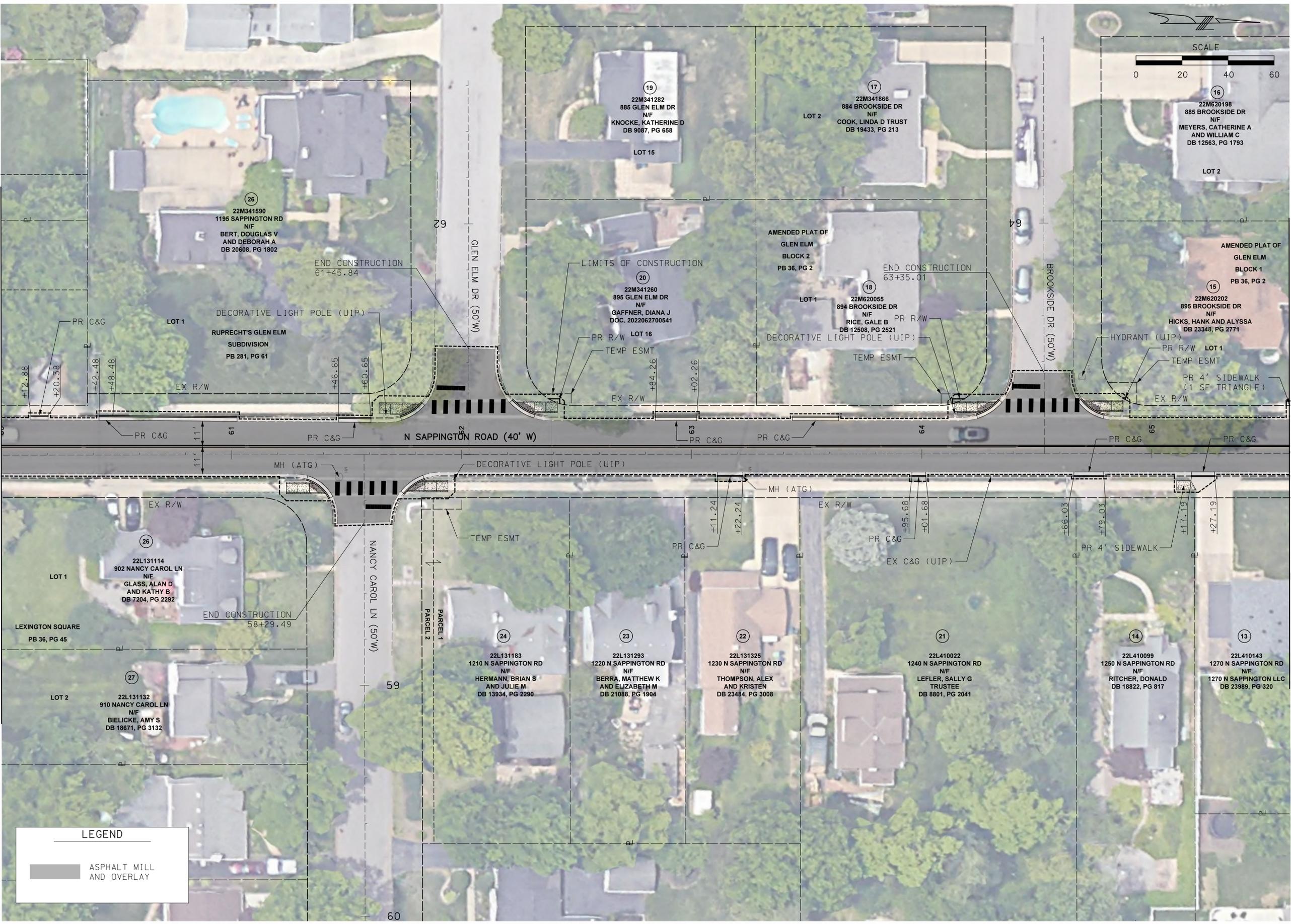


LEGEND

ASPHALT MILL AND OVERLAY

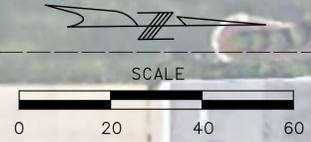
MATCHLINE STA 60+00

MATCHLINE STA 65+60



LEGEND

	ASPHALT MILL AND OVERLAY
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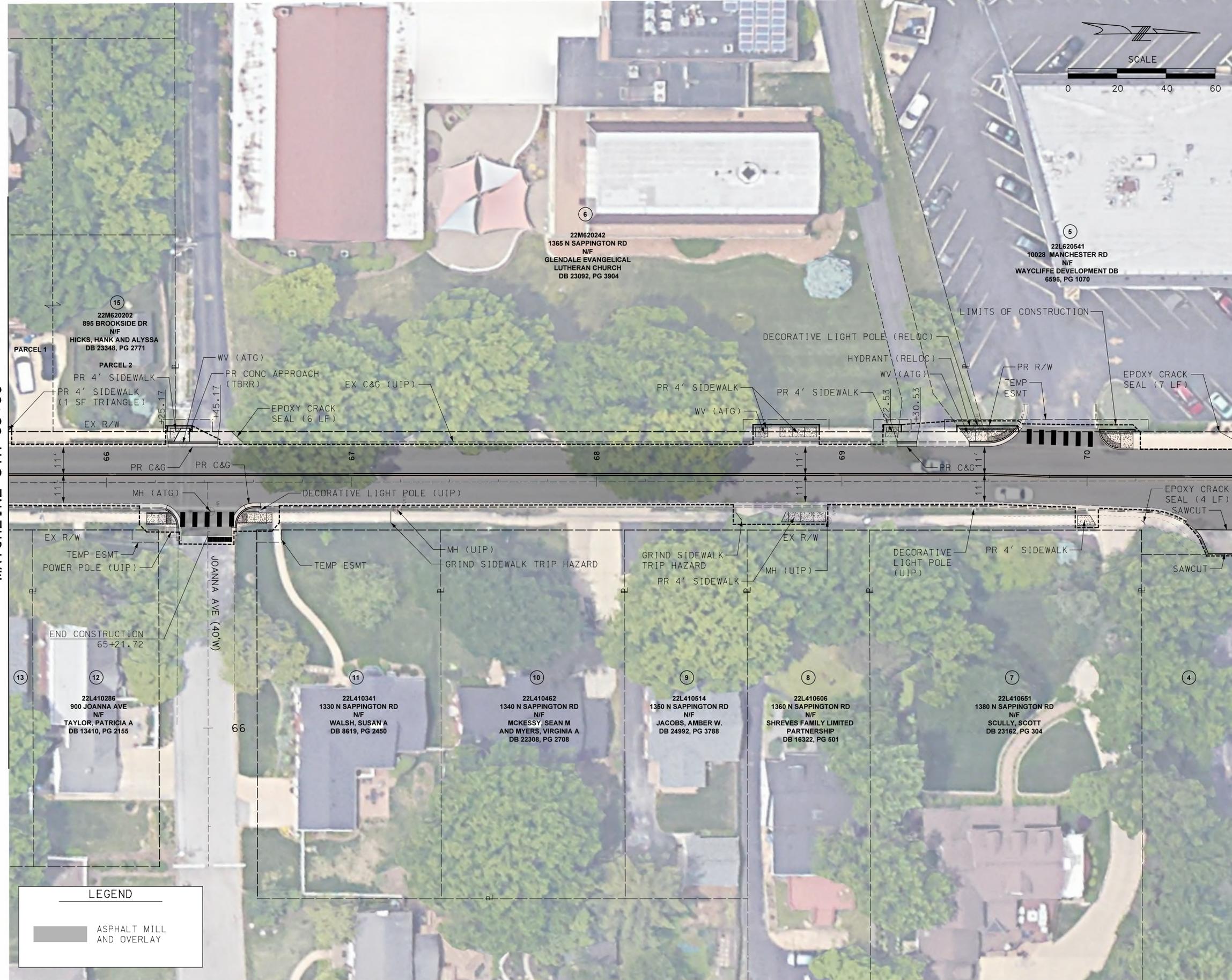
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 SHEET 12 OF 14

PROJECT/JOB NO. STP-5568(604)
MSD PROJECT NO. XXMSD-XXXXX
MSD BASE MAP XXX
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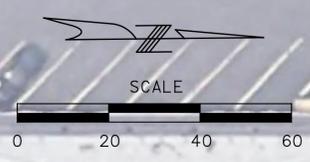


MATCHLINE STA 65+60

MATCHLINE STA 70+60

LEGEND

	ASPHALT MILL AND OVERLAY
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 SHEET 13 OF 14

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MSD PROJECT NO.	XXMSD-XXXXX
MSD BASE MAP	XXX
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 SHEET 14 OF 14

PROJECT/JOB NO. STP-5568(604)
MSD PROJECT NO. XXMSD-XXXXX
MSD BASE MAP XXX
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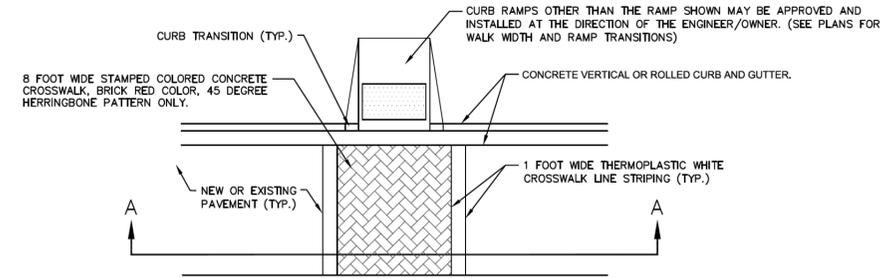
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MISCELLANEOUS DETAILS

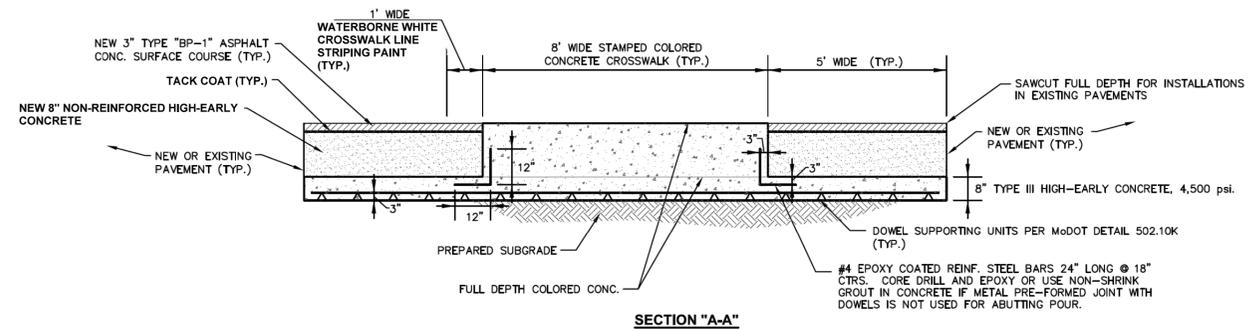
PROJECT/JOB NO. STP-5568(604)
MSD PROJECT NO. XXMSD-XXXXX
MSD BASE MAP XXX
DATE PREPARED 7/9/2024
SHEET 1:7 OF 1:7



PLAN VIEW

GENERAL NOTES:

- DO NOT SCALE DRAWING, FOLLOW DIMENSIONS.
- THE STAMPED COLORED CONCRETE SHALL BE FULL DEPTH PAVEMENT (SEE TYPICAL PAVEMENT SECTIONS) AND BE BRICK RED IN COLOR WITH 45 DEGREE HERRINGBONE PATTERN ONLY.
- THE TRUNCATED DOMES SHALL MEET THE TECHNICAL REQUIREMENTS OF THE PROWAG GUIDELINES ON THE U.S. ACCESS BOARD'S WEBSITE AT WWW.ACCESS-BOARD.GOV/PROWAG/TECHNICAL.HTML#R305-DETECTABLE-WARNING-SURFACES.
- THE STAMPED CONCRETE SHALL HAVE A STAMP DEPTH OF 1/4 INCH OR LESS, SHOULD NOT CREATE A TRIP HAZARD, AND SHALL HAVE A HIGH FRICTION SLIP RESISTANT SURFACE, WITH A DARK BRICK RED COLOR THROUGHOUT, CROSSWALKS SHALL BE RESISTANT TO SNOW PLOW DAMAGE.
- CONTRACTOR SHALL NOTIFY THE ENGINEER/OWNER 24 HOURS PRIOR TO PLACEMENT OF CONCRETE.
- CROSSWALK SHALL BE TYPE III HIGH-EARLY CONCRETE, 4,500 PSI.
- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL TRAFFIC CONTROL DEVICES FOR THE DURATION OF THE WORK, INCLUDING THE CURE TIME.



SECTION "A-A"

STAMPED CONCRETE CROSSWALK
N.T.S.

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