

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

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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		
UTILITY POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL		
FENCE		
CHAIN LINK		
WOVEN WIRE		
GATE POST		
BENCHMARK		

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES.

CITY OF GLENDALE

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

APPROVED BY:

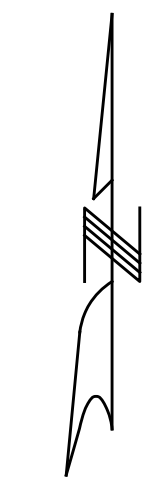
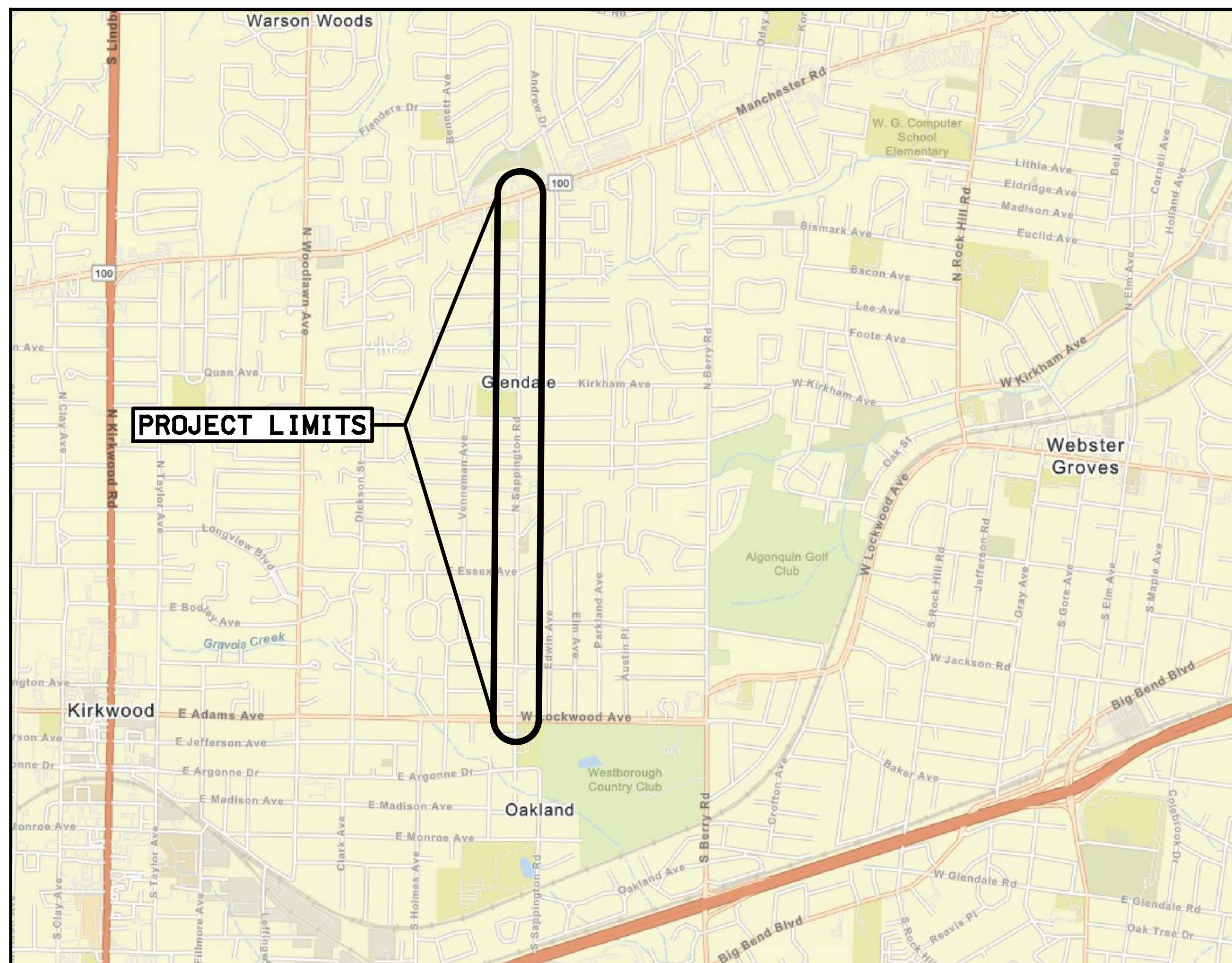
MIKE WILCOX DATE
MAYOR

**NORTH SAPPINGTON ROAD
PRESERVATION**

GLENDALE, MISSOURI

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

FINAL PLANS



N. T. S

ST. LOUIS COUNTY BENCHMARK:

14353 NAVD88 (SLC2011a) Elev = 619.05 Ft+US (or) 188.686 Meter NGVD29
Elev = 619.39 Ft+US
"L" on the northwest corner of the first concrete step at #500 Sappington Road: (Glendale Presbyterian Church) 41' east of the centerline of Sappington Road and 15' north of the centerline of Sappington Road and 15' north of the centerline of Winnetka Lane extended.
SP MD East N=306126± E=259901± Meter - Estimated Rough NAD83
Lat=38.591809° ±(N/+) Long=90.386347° ±(W/-)

STORMWATER MANAGEMENT NOTE:

PROJECT DISTURBANCE = 0.0287 ACRES
PROJECT RUNOFF DIFFERENTIAL = 0.00 CFS

ANY FUTURE LAND DISTURBANCE AND/OR INCREASE IN IMPERVIOUS AREA ON THIS SITE REQUIRES ADDITIONAL STORMWATER MANAGEMENT PER MSD REGULATIONS IN PLACE AT THAT TIME.

PROJECT LIMITS

BEGINNING OF PROJECT	STA 00+50.92
END OF PROJECT	STA 71+78.20
APPARENT LENGTH	7,127.28 FEET
EQUATIONS AND EXCEPTIONS	N/A
TOTAL CORRECTIONS	N/A
NET LENGTH OF PROJECT	7,127.28 FEET

DISCLAIMER OF RESPONSIBILITY

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REV	DATE	BY	DESCRIPTION

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 COMPREHENSIVE 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.

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MISSOURI STATE ENGINEERING CORPORATION
CERTIFICATE/LICENSE NO. 2002011852

NORTH SAPPINGTON ROAD PRESERVATION
COVER SHEET

PROJECT/JOB NO.	STP-5568(604)
MSD PROJECT NO.	25MSD-00108
MSD BASE MAP	22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED	1/27/2026
SHEET	1 OF 102

GENERAL NOTES:

1. ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND PART OF THE CONSTRUCTION OF THIS PROJECT.
2. THE BASIS OF BEARING IS GRID NORTH, MISSOURI COORDINATE SYSTEM 1983, EAST ZONE. VERTICAL DATUM IS NAVD88.
3. ALL CONSTRUCTION OPERATIONS AND WORK ZONE TRAFFIC CONTROL WITHIN THE RIGHT OF WAY WILL FOLLOW MODOT OR CURRENT M.U.T.C.D. STANDARDS, WHICHEVER IS MORE STRINGENT.
4. UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEY AND RECORDS. THE CITY DOES NOT WARRANT THE LOCATIONS OF THESE FACILITIES AS PRECISE. IT IS POSSIBLE THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS PRESENTLY NOT KNOWN OR SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXISTENCE AND PRECISE LOCATION OF ALL FACILITIES AND TO AVOID DAMAGE. SEE THE JOB SPECIAL PROVISIONS FOR A LIST OF UTILITY COMPANIES KNOWN TO BE ON OR WITHIN THE VICINITY OF THE PROJECT LIMITS.
5. CONTRACTOR SHALL REFERENCE AND FOLLOW THE MODOT ADA CHECKLIST AND THE PUBLIC RIGHT-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG) 2023 WHEN LAYING OUT AND CONSTRUCTING CURB RAMPS, LANDINGS, SIDEWALK, PAVED APPROACH SIDEWALK CONNECTIONS, PEDESTRIAN SIGNALS, AND ANY OTHER PEDESTRIAN ITEMS ON THIS PROJECT.
6. THERE SHALL BE A MINIMUM OF 4' OF HORIZONTAL SIDEWALK CLEAR SPACE AROUND FEATURES SUCH AS EXISTING POWER POLES, NEW SIGNAL MAST ARMS, NEW SIGNAL 8' TALL POSTS, AND ANY OTHER FEATURES THAT PROTRUDE ABOVE THE GROUND.
7. DETECTABLE WARNING PANELS SHALL BE RED PREFORMED UNITS CAST INTO THE RAMP PER THE MANUFACTURER'S RECOMMENDATIONS. PRECAST CONCRETE UNITS, SURFACE APPLIED MATERIALS, OR STAMPED CONCRETE WILL NOT BE ALLOWED.
8. THE GENERAL REQUIREMENTS, PROVISIONS AND TECHNICAL SPECIFICATIONS GOVERNING THE COMPLETION OF THE WORK CONTEMPLATED SHALL BE THE CURRENT VERSION OF THE "MISSOURI STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION", TOGETHER WITH THE GENERAL AND JOB SPECIAL PROVISIONS AND OTHER STATE AND FEDERAL REQUIREMENTS CONTAINED IN THE CONTRACT DOCUMENTS.

RESTORATION NOTES:

1. CONTRACTOR TO SOD ALL GRASS AREAS DISTURBED BY THE CONSTRUCTION UNLESS OTHERWISE SPECIFIED. SEE PLANS AND SPECIFICATION FOR DETAILS. AREA OF DISTURBANCE SHALL BE MINIMIZED TO REDUCE SODDING.
2. CONTRACTOR SHALL REPLACE DAMAGE TO CITY OR PRIVATE PROPERTY WHERE NECESSARY TO MATCH PRECONSTRUCTION CONDITIONS.

EROSION CONTROL NOTES:

1. THE CONTRACTOR SHALL ASSUME COMPLETE RESPONSIBILITY FOR CONTROLLING ALL SILTATION AND EROSION OF THE PROJECT AREA AND SHALL USE WHATEVER MEANS NECESSARY TO CONTROL EROSION AND SILTATION INCLUDING, BUT NOT LIMITED TO, SILTATION FABRIC FENCES. CONTROL SHALL COMMENCE WITH THE CLEARING OPERATIONS AND BE MAINTAINED THROUGHOUT THE PROJECT UNTIL ACCEPTANCE OF THE WORK BY CITY OF GLENDALE AND AS NEEDED BY MODOT. THE CONTRACTOR'S RESPONSIBILITIES INCLUDE ALL IMPLEMENTATION AND MAINTENANCE AS REQUIRED TO PREVENT EROSION AND THE DEPOSITING OF SILT. THE CITY OF GLENDALE AND AS REQUIRED BY MODOT MAY AT THEIR OPTION DIRECT THE CONTRACTOR IN HIS METHODS AS DEEMED FIT TO PROTECT PROPERTY AND IMPROVEMENTS. ANY DEPOSITING OF SILT OR MUD ON NEW OR EXISTING PAVEMENT SHALL BE REMOVED IMMEDIATELY. ANY DEPOSITING OF SILTS OR MUD IN NEW OR EXISTING STORM SEWERS AND/OR SWALES SHALL BE REMOVED AFTER EACH RAIN AND AFFECTED AREAS CLEANED TO THE SATISFACTION OF THE CITY OF GLENDALE AND AS REQUIRED BY CONTRACTOR.
2. ALL EROSION CONTROL SYSTEMS ARE TO BE INSPECTED AND CORRECTED WEEKLY, ESPECIALLY WITHIN 48 HOURS OF ANY RAIN STORM RESULTING IN ONE-HALF INCH OF RAIN OR MORE. ANY SILT OR DEBRIS LEAVING THE SITE AND AFFECTING PUBLIC RIGHT OF WAY OR STORM WATER DRAINAGE FACILITIES SHALL BE CLEANED UP WITHIN 24 HOURS AFTER THE END OF THE STORM.
3. EROSION CONTROL DEVICES (SILT FENCE, SEDIMENT BASIN, ETC.) SHALL BE IN ACCORDANCE WITH THE MODOT STORMWATER POLLUTION PREVENTION PLAN.
4. GRADED AREAS SHALL BE SODDED WITHIN 14 DAYS OF STOPPING LAND DISTURBANCE ACTIVITIES.

PAVEMENT AND DRIVEWAY NOTES:

1. REPLACE PAVEMENT STRIPING WHERE NECESSARY TO MATCH PRECONSTRUCTION CONDITIONS, UNLESS OTHERWISE NOTED ON THE DRAWINGS.
2. ALL PAVEMENT REMOVED OR DAMAGED BY THIS CONSTRUCTION AS REQUIRED OR IN EXCESS OF THAT INDICATED ON THE PLANS SHALL BE REPLACED, "IN KIND." DAMAGED PAVEMENT SHALL BE REPLACED BY CONTRACTOR WITH NO PAY.
3. THE CONTRACTOR SHALL KEEP ALL PAVEMENTS CLEAN AND FREE OF MUD, ROCK AND DEBRIS AT ALL TIMES DURING CONSTRUCTION.
4. CONTRACTOR SHALL NOTIFY PROPERTY OWNERS (PREFERABLY IN PERSON) 48 HOURS IN ADVANCE OF ANY DISRUPTED ACCESS TO THEIR DRIVEWAY.
5. ACCESS TO PRIVATE DRIVEWAYS MAY BE LIMITED BY THE NATURE OF THIS WORK. THE CONTRACTOR SHALL SCHEDULE HIS WORK SUCH THAT AT NO TIME DURING THE LIFE OF THIS CONTRACT WILL ANY DRIVEWAY BE CLOSED FOR MORE THAN TEN (10) CONSECUTIVE CALENDAR DAYS. PLACEMENT OF CONCRETE MUST TAKE PLACE WITHIN THREE (3) DAYS OF PAVEMENT BEING BROKEN. ONE DAY SHALL BE CONSIDERED A PERIOD OF TIME OF EIGHT (8) CONSECUTIVE HOURS TO 24 CONSECUTIVE HOURS.

STRIPING/SIGNAGE NOTES:

1. ALL SIGNS SHALL BE MOUNTED AT A HEIGHT OF SEVEN (7) FEET MEASURED FROM THE BOTTOM OF THE SIGN TO THE TOP OF THE CURB, OR TO THE TOP OF THE ROADWAY AT EDGE OF PAVEMENT. ALL SIGNS SHALL BE MOUNTED ONE (1) FOOT FROM THE EDGE OF SIDEWALK.
2. THE USE OF ASPHALT OR BLACK PAINT TO COVER CONFLICTING MARKINGS SHALL NOT BE ALLOWED.
3. ALL REMOVAL METHODS MUST COMPLY WITH EPA AND MDNR REGULATIONS CONCERNING AIR QUALITY AND MATERIAL DISPOSAL.
4. REMOVAL OR OBLITERATION OF CONFLICTING PAVEMENT MARKINGS SHOULD BE PERFORMED BY ONE OF THE FOLLOWING PROCEDURES:
 - A) MECHANICAL DEVICES, SUCH AS WATER BLASTING, SANDBLASTING, SANDERS, SCRAPERS, WIRE BRUSHES, OR SHOT BLASTERS. GRINDING WILL NOT BE ALLOWED.
 - B) HIGH TEMPERATURE BURNING WITH EXCESS OXYGEN.
5. WHERE PAVEMENT MARKINGS HAVE BEEN OBLITERATED, NIGHTTIME INSPECTIONS SHALL BE MADE TO VERIFY THAT THE MARKING IS NO LONGER VISIBLE AND DOES NOT INTERFERE WITH THE NEW PAVEMENT MARKINGS.
6. WHERE MECHANICAL MEANS OF MARKING REMOVAL HAVE BEEN EMPLOYED TO COMPLETELY REMOVE THE PAVEMENT MARKING, PAINT OF A COLOR MATCHING THE PAVEMENT SURFACE OR LIQUID ASPHALT MATERIALS MAY BE USED AS A TEMPORARY MEANS OF COVERING CONTRASTING PAVEMENT TEXTURE.
7. ALL EXISTING SIGNAGE SHALL BE PROTECTED, OR REMOVED AND REINSTALLED AT ITS ORIGINAL LOCATION UNLESS NOTED OTHERWISE ON THE PLANS. THE OWNER'S REPRESENTATIVE SHALL APPROVE THE FINAL LOCATION OF ALL SIGNAGE. THE CONTRACTOR SHALL REPLACE, AT HIS EXPENSE, ANY SIGNS DAMAGED OR LOST DURING REMOVAL, STORAGE, AND RESETTING.

SITE DEMOLITION NOTES:

1. THE APPROPRIATE UTILITY AGENCY SHALL BE NOTIFIED PRIOR TO THE COMMENCEMENT OF ANY WORK WHICH WILL AFFECT AN EXISTING UTILITY.
2. IN REMOVING PAVEMENT, CURB, GUTTER, SIDEWALKS, AND OTHER SIMILAR IMPROVEMENTS AND WHERE A PORTION OF SUCH IMPROVEMENTS ARE TO BE LEFT IN PLACE. THEY SHALL BE REMOVED TO AN EXISTING JOINT OR SAWCUT AT LIMITS OF REMOVAL.
3. ANY TRAFFIC CONTROL SIGNS SUCH AS STOP, YIELD, OR SLOW REMOVED AND STORED WHILE A STREET REMAINS OPEN TO TRAFFIC SHALL BE REPLACED WITH SIMILAR TEMPORARY SIGNS IN ACCORDANCE WITH MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION AND LOCAL CRITERIA.
4. ALL DEBRIS RESULTING FROM THE DEMOLITION OF PAVEMENTS, CURBING, STRUCTURES, FOUNDATIONS, AND FOOTINGS SHALL BE REMOVED FROM THE SITE AND LEGALLY DISPOSED OF UNLESS NOTED OTHERWISE IN THE PROJECT SPECIFICATIONS. DISPOSAL COSTS SHALL BE INCLUDED WITH THE REMOVAL OF THE IMPROVEMENTS LINE ITEM.

STANDARD SEWER CONSTRUCTION:

ALL STORM AND SANITARY SEWER STRUCTURES AND APPURTENANCES TO BE DEDICATED TO MSD, OR TO BE PRIVATE UNDER MSD INSPECTION, SHALL CONFORM TO THE METROPOLITAN ST. LOUIS SEWER DISTRICT, STANDARD CONSTRUCTION SPECIFICATIONS FOR SEWERS AND DRAINAGE FACILITIES, 2023. THAT WILL INCLUDE STANDARD DETAILS SHOWN THEREIN, SHALL SUBSEQUENT CHANGES MADE THERETO, AND SHALL ALSO INCLUDE THE FOLLOWING:

PART 2 - MATERIALS OF CONSTRUCTION

SECTION 6 PIPE

12. CORRUGATED POLYPROPYLENE PIPE.

D. PIPE FOR GRAVITY SEWER INSTALLATIONS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2321. CONSOLIDATION BY WATER (JETTING OR PUDDLING) SHALL NOT BE USED. CONSOLIDATION SHALL BE IN ACCORDANCE WITH MSD STANDARD CONSTRUCTION SPECIFICATIONS FOR TRENCH BACKFILL. PRICE FOR COMPACTED BACKFILL SHALL BE INCLUDED IN PIPE UNIT COST.

1. FOR USE IN SANITARY AND COMBINED SEWER INSTALLATIONS, A REPRESENTATIVE FROM THE PIPE MANUFACTURER SHALL VISIT THE SITE WITHIN THE FIRST 100 FEET OF PIPE INSTALLATION. COORDINATION OF THIS SITE VISIT SHALL BE ARRANGED BY THE CONTRACTOR. THE CONTRACTOR SHALL PROVIDE THE MSD INSPECTOR AT LEAST 24 HOURS' NOTICE OF THE PLANNED DATE AND TIME OF THE MANUFACTURER'S SITE VISIT.
2. FOLLOWING THE SITE VISIT, THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE A LETTER FROM THE PIPING MANUFACTURER SUMMARIZING THEIR OBSERVATIONS. AT A MINIMUM, THE LETTER SHALL:
 - A) INDICATE THE DATE THE INITIAL SECTION OF PIPE WAS INSTALLED; AND
 - B) VERIFY THAT THE INSTALLATION OCCURRED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDED PROCEDURES.
- E. TRENCH WIDTH SHALL BE IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION RECOMMENDATIONS. DISTRICT STANDARD PAYLINE WIDTHS BASED ON THE NOMINAL INSIDE PIPE DIAMTER SHALL APPLY.

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REV	DATE	BY	DESCRIPTION

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NORTH SAPPINGTON
 ROAD PRESERVATION
 GENERAL NOTES
 SHEET 1 OF 1

PROJECT/JOB NO.
STP-5568(604)
 MSD PROJECT NO.
25MSD-00108
 MSD BASE MAP
**22L1, 22M3, 22L4,
 23M2, 23M3**
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2 OF 102

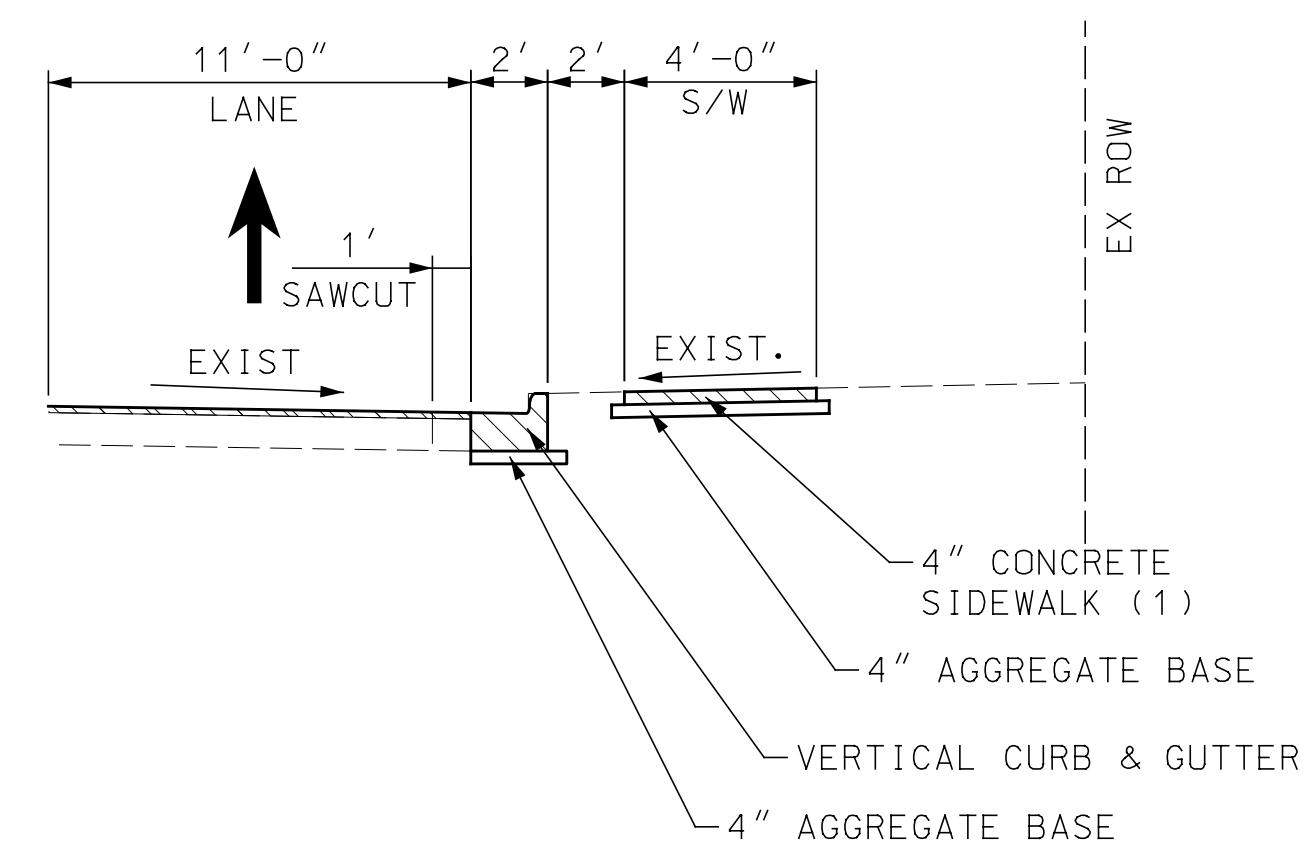
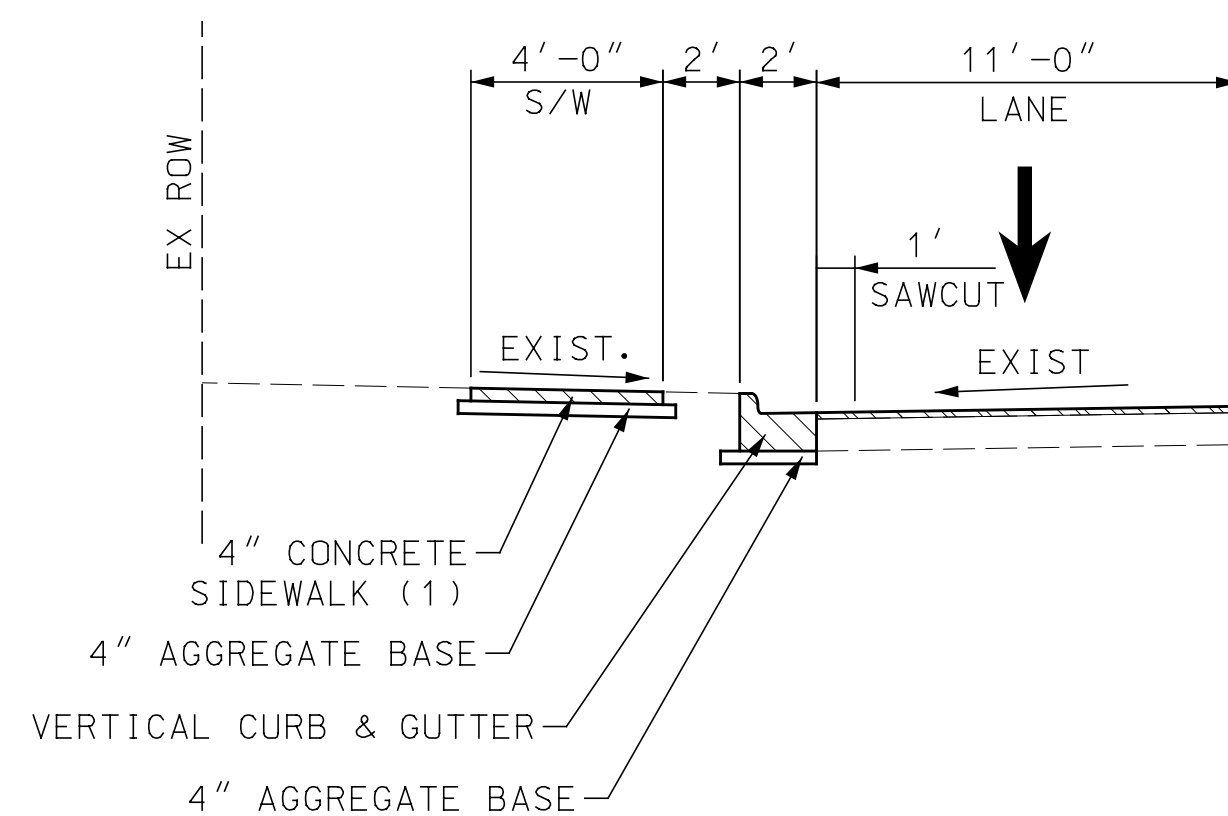
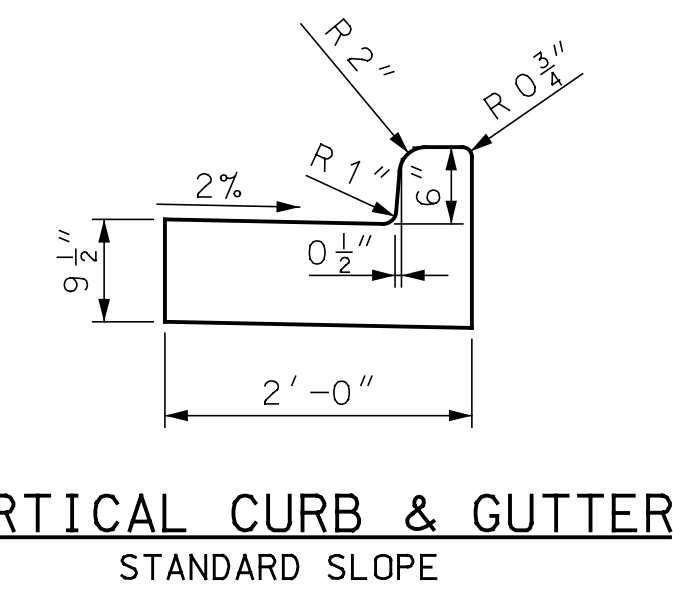
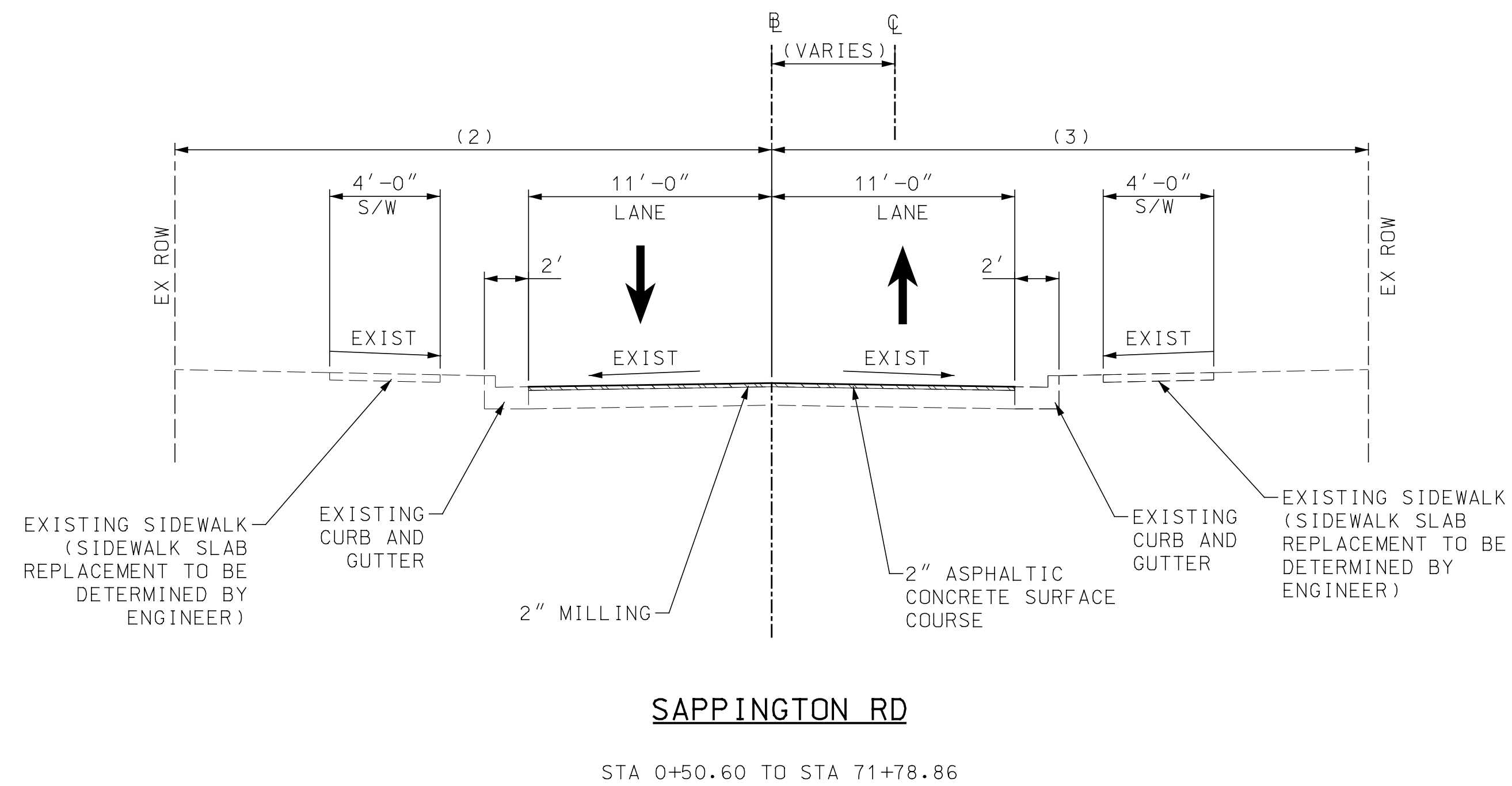
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NOTES:

- (1) SIDEWALK SHALL BE CONSTRUCTED TO PROVIDE A MINIMUM 4' WIDE ACCESSIBLE ROUTE IN ACCORDANCE WITH CURRENT ADA REQUIREMENTS.
- (2) 23'-0" ROW FROM STA 0+50.60 TO STA 2+38.50,
20'-0" ROW FROM STA 2+38.50 TO STA 25+65.00,
ROW VARIES FROM 19'-11" TO 19'-4" FROM STA 25+65.00 TO STA 30+20.76,
ROW VARIES FROM 25'-10" TO 26'-5" FROM STA 30+20.76 TO STA 33+30.27,
ROW VARIES FROM 16'-5" TO 15'-8" FROM STA 33+30.27 TO STA 36+60.00,
ROW VARIES FROM 19'-4" TO 18'-8" FROM STA 36+60.00 TO STA 39+91.17,
ROW VARIES FROM 19'-11" TO 18'-6" FROM STA 39+91.17 TO STA 46+46.81,
18'-6" ROW FROM STA 46+46.81 TO STA 60+36.77,
23'-6" ROW FROM STA 60+36.77 TO STA 62+00.00,
18'-6" ROW FROM STA 62+00.00 TO STA 71+78.86.
- (3) 20'-0" ROW FROM STA 00+50.60 TO STA 25+25.00,
ROW VARIES FROM 22'-6" TO 23'-2" FROM STA 25+25.00 TO STA 30+50.00,
ROW VARIES FROM 13'-3" TO 13'-7" FROM STA 30+50.00 TO STA 33+25.06,
ROW VARIES FROM 23'-7" TO 25'-6" FROM STA 33+25.06 TO STA 41+98.00,
ROW VARIES FROM 30'-7" TO 31'-0" FROM STA 41+98.00 TO STA 44+21.78,
ROW VARIES FROM 26'-0" TO 26'-5" FROM STA 44+21.78 TO STA 46+47.00,
21'-6" ROW FROM STA 46+47.00 TO STA 70+21.59,
31'-6" ROW FROM STA 70+21.59 TO STA 71+78.86.

GENERAL NOTE:

1. ANY SAWCUTS, OVER EXCAVATION, PAVEMENT PATCHING, ETC. FOR INSTALLATION OF THE CURB AND GUTTER SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER.



REMOVAL

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NORTH SAPPINGTON
ROAD PRESERVATION
TYPICAL SECTIONS
SHEET 1 OF 1

PROJECT/JOB NO.
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MSD BASE MAP
22L1, 22M3, 22L4,
23M2, 23M3
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SHEET
3 OF 102

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SUMMARY OF QUANTITIES

ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY
SPECIFIC ROADWAY ITEMS			
2022010	REMOVAL OF IMPROVEMENTS	LS	1
2031000	CLASS A EXCAVATION	CY	177
3040504	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)	SY	1522
4039910	MISC. HIGH TENSILE STRENGTH SYNTHETIC FIBER ASPHALTIC CONCRETE MIXTURE PG 70-22 (S)	TON	2230
4071005	TACKCOAT	GAL	379
5024008	CONCRETE BASE WIDENING (8 IN. NON-REINF)	SY	14
502-10.08	CONCRETE PAVEMENT (8" NON-REINFORCED), HIGH EARLY CONCRETE	SY	195
502-12.99	STAMPED COLORED CONCRETE CROSSWALK (FULL DEPTH)	SY	40
502-99.05	CONCRETE PAVEMENT (8" TYPE III), HIGH-EARLY CONCRETE	SY	91
604-12.01	SINGLE CURB INLET, UNTRAPPED	EA	1
604-19.27	MANHOLE	EA	1
604-16.98	ROOF DRAIN POP-UP EMITTER	EA	1
6149902A	DRYWELL	EA	2
6149902B	CAST IRON CURB OPENING	EA	1
604-20.30	ADJUSTING MANHOLE TO GRADE	EA	14
608-50.06	PAVED APPROACH (6" THICK)	SY	107
609-10.10	CONCRETE CURB (6 IN. HEIGHT AND UNDER) TYPE S	LF	110
609-10.53	CURB AND GUTTER, VERTICAL	LF	2175
6221001	COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (3 IN. THICK OR LESS)	SY	20191
703-20.20	EPOXY CRACK SEALING	LF	189
7101000	REINFORCING STEEL (EPOXY-COATED)	LBS	390
726-23.15	15" CLASS III REINFORCED CONCRETE PIPE CULVERT (GASKET TYPE)	LF	15
726-54.04	4" POLYVINYL CHLORIDE PIPE	LF	6
8061007A	CURB INLET CHECK	EA	16
SPECIFIC LANDSCAPING ITEMS			
8031000A	TURF TYPE TALL FESCUE SODDING	SY	807
804-10.00	TOPSOIL	CY	90
SPECIFIC BICYCLE / PEDESTRIAN ITEMS			
608-60.00	CONCRETE SIDEWALK	SY	214
608-60.07	CONCRETE SIDEWALK, CURB RAMP (7" THICK)	SY	597
608-60.98	TRUNCATED DOMES FOR CURB RAMPS (NEW CONSTRUCTION)	SF	963
6089905	RESTORE BRICK LANDING	SY	7
SPECIFIC UTILITY ITEMS			
603-10.30	ADJUST WATER SERVICE VALVE AND BOX TO GRADE	EA	50
6049902B	ADJUST GAS VALVE TO GRADE	EA	3
6049902C	ADJUST MANHOLE TO GRADE	EA	16

ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY
SPECIFIC SIGNALS / LIGHTING / SIGNING / STRIPING ITEMS			
6206000C	4 IN. WHITE STANDARD WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS	LF	92
6206001C	4 IN. YELLOW STANDARD WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEAD	LF	13515
6200012	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 12 IN. WHITE	LF	115
6200015	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24 IN. WHITE	LF	1811
6200021	PREFORMED THERMOPLASTIC PAVEMENT MARKING, LEFT/RIGHT ARROW	EA	2
6200027	PREFORMED THERMOPLASTIC PAVEMENT MARKING, COMBINATION STR/LT/RT	EA	2
9031250A	U-CHANNEL POST, 3 LB	LF	13
9039902A	RELOCATE EXISTING SIGN POST	EA	1
6209902	PREFORMED THERMOPLASTIC PAVEMENT MARKING, SHARED LANE SYMBOL	EA	71
9020513	SIGNAL HEAD, TYPE 3B	EA	4
9020811	SIGNAL HEAD, TYPE 1S, PEDESTRIAN	EA	2
9020833	SH-FLAT SHEET - SIGNAL SIGN	SF	10
9020834	SIGNAL SIGN, MOUNTING HARDWARE	EA	2
9022651	LUMINAIRE LED-A, 120 VOLT COMPATIBLE	EA	1
9022708	POST, SIGNAL 8 FT.	EA	1
9023130	POST, TYPE CL, 30 FT. ARM	EA	1
9024283	CONTROLLER ASSEMBLY HOUSING, NEMA TS2 CONTROLLER	EA	1
9029902B	APS UNIT w/ SIGN	EA	2
9025200	CONDUIT, 2 IN., TRENCH WITH TRACER WIRE	LF	30
9025300	CONDUIT, 3 IN., TRENCH WITH TRACER WIRE	LF	50
9027300	CONDUIT, 3 IN., PUSHED WITH TRACER WIRE	LF	50
9028100	CABLE, 10 AWG 1 CONDUCTOR, POLE AND BRACKET	LF	100
9028208	CABLE, 8 AWG 1 CONDUCTOR, POWER	LF	200
9028302	CABLE, 12 AWG 2 CONDUCTOR	LF	300
9028308	CABLE, 16 AWG 2 CONDUCTOR	LF	170
9028310	CABLE, 16 AWG 5 CONDUCTOR	LF	150
9028311	CABLE, 16 AWG 7 CONDUCTOR	LF	520
9028621	POWER SUPPLY ASSEMBLY, TYPE-2, 240/120 VOLT SERVICE, LIGHTING AND SIGNALS	EA	1
9028811	PULLBOX, PREFORMED, CLASS 2	EA	1
9028812	PULLBOX, PREFORMED, CLASS 3	EA	1
9029100	BASE, CONCRETE	CY	10
9011115	BRACKET ARM, 15 FT. OR 4.6 M	EA	1
9031250A	U-CHANNEL POST, 3 LB	LF	13
9039902A	RELOCATE GROUND MOUNTED SIGN	EA	1
MISCELLANEOUS ITEMS			
6169901	TEMPORARY TRAFFIC CONTROL	LS	1
6181000	MOBILIZATION	LS	1
6274000	CONTRACTOR FURNISHED SURVEYING AND STAKING	LS	1

DISCLAIMER OF RESPONSIBILITY

I hereby specify that the documents intended to be authorized by my seal are limited to this sheet, and I hereby disclaim any responsibility for all other Drawings, Specifications, Estimates, Reports or other documents or instruments relating to or intended to be used for any part of the engineering project or survey.

REV	DATE	BY	DESCRIPTION

LOCHMUELLER GROUP

399 S SPRING AVENUE, SUITE 208 B
 SAINT LOUIS, MISSOURI 63110
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 MISSOURI STATE ENGINEERING CORPORATION
 CERTIFICATE LICENSE NO. 2002011852

NORTH SAPPINGTON
 ROAD PRESERVATION

SUMMARY OF QUANTITIES
 SHEET 1 OF 1

PROJECT/JOB NO.
STP-5568(604)

MSD PROJECT NO.
25MSD-00108

MSD BASE MAP
**22L1, 22M3, 22L4,
 23M2, 23M3**

DATE PREPARED
1/28/2026

SHEET
4 OF 102

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

REMOVAL OF IMPROVEMENTS SCHEDULE					
SHEET	FROM STATION	TO STATION	ROADWAY	LOCATION	DESCRIPTION OF REMOVAL
1	0+64.70	0+77.70	N SAPPINGTON	LT	5.8 SY SIDEWALK
1	0+99.37	1+05.37	N SAPPINGTON	RT	6.0 LF CURB & GUTTER
1	1+96.35	1+02.35	N SAPPINGTON	LT	6.0 LF CURB & GUTTER
1	2+25.69	2+46.19	N SAPPINGTON	LT	20.5 LF CURB & GUTTER
1	2+53.43	2+21.92	N SAPPINGTON	RT	168.5 LF CURB & GUTTER
1	3+32.75	3+58.41	N SAPPINGTON	LT	16.2 SY SIDEWALK
1	3+45.72	3+58.87	N SAPPINGTON	LT	18.7 LF CURB & GUTTER
1	3+91.11	4+13.18	N SAPPINGTON	LT	15.7 SY SIDEWALK
1	3+92.68	4+02.17	N SAPPINGTON	LT	12.0 LF CURB & GUTTER
1	4+10.24	4+29.74	N SAPPINGTON	LT	19.5 LF CURB & GUTTER
1	4+33.05	4+53.05	N SAPPINGTON	RT	20.0 LF CURB & GUTTER
1	4+42.47	4+72.47	N SAPPINGTON	LT	30.0 LF CURB & GUTTER
2	5+23.32	6+03.32	N SAPPINGTON	LT	80.0 LF CURB & GUTTER
2	5+72.49	5+76.49	N SAPPINGTON	RT	1.8 SY SIDEWALK
2	6+02.51	6+06.52	N SAPPINGTON	RT	0.9 SY SIDEWALK
2	6+88.49	7+02.00	N SAPPINGTON	RT	8.4 SY SIDEWALK
2	6+88.49	7+02.00	N SAPPINGTON	RT	18.7 LF CURB & GUTTER
2	6+98.11	7+31.38	N SAPPINGTON	LT	35.9 LF CURB & GUTTER
2	7+08.67	7+29.40	N SAPPINGTON	LT	11.0 SY SIDEWALK
2	7+15.92	7+42.81	N SAPPINGTON	LT/RT	19.8 SY PAVEMENT
2	7+27.57	7+37.92	N SAPPINGTON	RT	14.7 LF CURB & GUTTER
2	7+29.48	7+47.54	N SAPPINGTON	RT	7.9 SY SIDEWALK
2	7+67.57	7+77.09	N SAPPINGTON	LT	13.3 LF CURB & GUTTER
2	7+68.26	7+88.79	N SAPPINGTON	LT	8.7 LF CURB & GUTTER
2	9+05.91	9+10.91	N SAPPINGTON	LT	2.2 SY SIDEWALK
2	9+13+57	9+31.07	N SAPPINGTON	RT	17.5 LF CURB & GUTTER
2	9+32.64	9+36.64	N SAPPINGTON	RT	1.8 SY SIDEWALK
2	9+85.62	9+89.62	N SAPPINGTON	RT	1.8 SY SIDEWALK
2	10+30.90	10+33.15	N SAPPINGTON	RT	1.5 SY SIDEWALK
3	10+90.55	11+34.19	N SAPPINGTON	LT	43.6 LF CURB & GUTTER
3	11+29.92	11+38.42	N SAPPINGTON	RT	4.9 SY SIDEWALK
3	11+48.69	11+91.19	N SAPPINGTON	LT	42.5 LF CURB & GUTTER
3	12+72.02	12+90.52	N SAPPINGTON	LT	18.5 LF CURB & GUTTER
3	13+17.55	13+35.16	N SAPPINGTON	RT	7.3 SY SIDEWALK
3	13+27.06	13+35.60	N SAPPINGTON	RT	11.7 LF CURB & GUTTER
3	13+62.72	13+72.89	N SAPPINGTON	RT	14.1 LF CURB & GUTTER
3	13+63.19	13+81.49	N SAPPINGTON	RT	7.5 SY SIDEWALK
3	14+78.45	14+93.45	N SAPPINGTON	RT	6.7 SY SIDEWALK
3	15+86.31	15+92.31	N SAPPINGTON	LT	6.0 LF CURB & GUTTER
4	16+41.39	16+47.39	N SAPPINGTON	LT	6.0 LF CURB & GUTTER
4	16+70.22	16+99.72	N SAPPINGTON	LT	29.5 LF CURB & GUTTER
4	19+79.90	19+94.26	N SAPPINGTON	LT	5.3 SY SIDEWALK
4	19+79.89	19+93.63	N SAPPINGTON	RT	6.4 SY SIDEWALK
4	19+79.81	19+97.81	N SAPPINGTON	LT/RT	22.9 SY PAVEMENT
4	19+84.35	19+94.66	N SAPPINGTON	LT	12.7 LF CURB & GUTTER
4	19+84.40	19+93.16	N SAPPINGTON	RT	11.8 LF CURB & GUTTER
4	20+24.55	20+42.55	N SAPPINGTON	LT/RT	17.8 SY PAVEMENT
4	20+25.52	20+37.92	N SAPPINGTON	RT	17.8 LF CURB & GUTTER
4	20+25.54	20+42.62	N SAPPINGTON	LT	22.2 LF CURB & GUTTER
4	20+26.44	20+47.56	N SAPPINGTON	LT	15.1 SY SIDEWALK
4	20+27.35	20+52.05	N SAPPINGTON	RT	10.9 SY SIDEWALK
4	20+33.53	20+39.07	N SAPPINGTON	LT	7.0 SF BRICK SIDEWALK
4	20+78.58	20+86.58	N SAPPINGTON	RT	1.6 SY SIDEWALK
4	21+02.14	21+08.64	N SAPPINGTON	RT	2.7 SY SIDEWALK
5	21+91.80	21+94.30	N SAPPINGTON	RT	2.5 LF CURB & GUTTER
5	21+95.13	21+96.13	N SAPPINGTON	RT	0.0 SY SIDEWALK
5	21+95.75	22+00.75	N SAPPINGTON	LT	5.0 LF CURB & GUTTER
5	22+05.14	22+18.70	N SAPPINGTON	RT	9.3 LF CURB & GUTTER
5	22+20.72	22+28.22	N SAPPINGTON	LT	7.5 LF CURB & GUTTER
5	23+60.34	23+84.03	N SAPPINGTON	RT	7.7 SY PAVED APPROACH
5	24+08.40	24+26.40	N SAPPINGTON	LT/RT	44.4 SY PAVEMENT
5	24+09.01	24+24.88	N SAPPINGTON	RT	17.0 LF CURB & GUTTER
5	24+09.01	24+24.88	N SAPPINGTON	RT	10.1 SY SIDEWALK
5	24+09.01	24+27.01	N SAPPINGTON	LT	18.0 LF CURB & GUTTER
5	24+09.01	24+27.01	N SAPPINGTON	LT	13.2 SY SIDEWALK
5	24+53.87	24+59.87	N SAPPINGTON	RT	6.0 LF CURB & GUTTER
5	24+71.15	24+78.66	N SAPPINGTON	RT	7.5 LF CURB & GUTTER
5	24+72.69	24+77.65	N SAPPINGTON	RT	1.2 SY SIDEWALK
5	24+89.89	25+00.69	N SAPPINGTON	RT	5.0 SY SIDEWALK
5	24+93.17	25+55.33	N SAPPINGTON	LT/RT	41.3 SY PAVEMENT
5	24+93.19	25+09.84	N SAPPINGTON	RT	14.3 LF CURB & GUTTER
5	25+41.08	25+52.50	N SAPPINGTON	LT	13.9 LF CURB & GUTTER
5	25+45.14	25+55.68	N SAPPINGTON	RT	13.2 LF CURB & GUTTER
5	25+45.50	25+68.21	N SAPPINGTON	RT	9.3 SY SIDEWALK
5	25+78.02	25+83.02	N SAPPINGTON	RT	2.2 SY SIDEWALK
5	25+81.06	25+92.88	N SAPPINGTON	LT	15.5 LF CURB & GUTTER
5	25+83.16	25+96.40	N SAPPINGTON	LT	5.2 SY SIDEWALK
5	26+31.79	26+56.79	N SAPPINGTON	LT	25.0 LF CURB & GUTTER
5	26+72.90	26+85.9	N SAPPINGTON	RT	13.0 LF CURB & GUTTER
6	27+84.11	28+27.61	N SAPPINGTON	RT	43.5 LF CURB & GUTTER
6	28+36.37	28+56.28	N SAPPINGTON	LT	8.1 SY SIDEWALK
6	28+43.89	28+57.19	N SAPPINGTON	LT	15.8 LF CURB & GUTTER
6	28+69.03	29+04.32	N SAPPINGTON	RT	35.3 LF CURB & GUTTER
6	28+83.53	29+04.05	N SAPPINGTON	RT	11.8 SY PAVED APPROACH
6	28+94.65	29+06.92	N SAPPINGTON	LT	14.2 LF CURB & GUTTER
6	28+96.56	29+16.67	N SAPPINGTON	LT	7.7 SY SIDEWALK
6	29+01.28	29+09.63	N SAPPINGTON	RT	3.3 SY SIDEWALK
6	29+21.82	29+28.82	N SAPPINGTON	RT	1.6 SY SIDEWALK
6	29+42.21	29+48.21	N SAPPINGTON	RT	6.0 LF CURB & GUTTER
6	29+85.33	30+14.33	N SAPPINGTON	RT	29.0 LF CURB & GUTTER

REMOVAL OF IMPROVEMENTS SCHEDULE					
SHEET	FROM STATION	TO STATION	ROADWAY	LOCATION	DESCRIPTION OF REMOVAL
6	30+05.62	30+23.62	N SAPPINGTON	LT	18.0 LF CURB & GUTTER
6	30+17.47	30+33.52	N SAPPINGTON	RT	8.2 SY SIDEWALK
6	30+26.26	30+33.98	N SAPPINGTON	RT	12.3 LF CURB & GUTTER
6	30+49.48	30+61.48	N SAPPINGTON	LT	12.0 LF CURB & GUTTER
6	30+71.55	30+81.90	N SAPPINGTON	RT	14.9 LF CURB & GUTTER
6	30+72.04	30+88.63	N SAPPINGTON	RT	8.3 SY SIDEWALK
6	31+38.52	31+57.69	N SAPPINGTON	LT	7.3 SY SIDEWALK
6	31+49.55	31+58.07	N SAPPINGTON	LT	10.6 LF CURB & GUTTER
6	31+91.12	31+99.37	N SAPPINGTON	LT	10.7 LF CURB & GUTTER
6	31+91.52	32+10.48	N SAPPINGTON	LT	8.0 SY SIDEWALK
7	32+94.93	33+03.43	N SAPPINGTON	RT	8.5 LF CURB & GUTTER
7	34+32.33	34+35.33	N SAPPINGTON	RT	3.0 LF CURB & GUTTER
7	34+48.24	34+80.82	N SAPPINGTON	RT	36.2 LF CURB & GUTTER
7	34+50.67	34+72.71	N SAPPINGTON	LT	80.5 SY SIDEWALK
7	34+55.92	34+77.84	N SAPPINGTON	LT	31.9 LF CURB & GUTTER
7	34+60.66	34+80.38	N SAPPINGTON	RT	75.7 SY SIDEWALK
7	34+72.48	34+96.44	HIGHLAND	LT/RT	9.0 SY PAVEMENT
7	34+75.50	-	N SAPPINGTON	LT	1.0 BRICK MONUMENT
7	34+91.83	35+10.99	N SAPPINGTON	LT	30.3 LF CURB & GUTTER
7	34+94.09	35+20.25	N SAPPINGTON	LT	17.4 SY SIDEWALK
7	34+95.69	-	N SAPPINGTON	LT	1.0 BRICK MONUMENT
7	35+09.99	35+22.45	N SAPPINGTON	RT	16.3 LF CURB & GUTTER
7	35+10.43	35+34.48	N SAPPINGTON	RT	16.6 SY SIDEWALK
7	36+29.07	36+47.05	N SAPPINGTON	LT	7.2 SY SIDEWALK
7	36+39.61	36+47.45	N SAPPINGTON	LT	10.0 LF CURB & GUTTER
7	36+45.22	36+51.22	N SAPPINGTON	RT	2.7 SY SIDEWALK
7	36+76.17	36+92.88	N SAPPINGTON	LT	19.6 LF CURB & GUTTER
7	36+76.52	36+95.42	N SAPPINGTON	LT	7.8 SY SIDEWALK
7	37+23.11	37+33.11	N SAPPINGTON	LT	10.0 LF CURB & GUTTER
7	37+35.29	37+43.29	N SAPPINGTON	LT	8.0 LF CURB & GUTTER
8	37+98.02	38+21.06	N SAPPINGTON	LT	14.9 SY SIDEWALK
8	37+99.95	38+03.95	N SAPPINGTON	RT	4.0 LF CURB & GUTTER
8	38+10.08	38+21.51	N SAPPINGTON	LT	14.5 LF CURB & GUTTER
8	38+07.77	38+31.85	N SAPPINGTON	RT	16.8 SY SIDEWALK
8	38+20.37	38+32.30	N SAPPINGTON	RT	16.2 LF CURB & GUTTER
8	38+52.00	38+77.34	N SAPPINGTON	LT	27.8 LF CURB & GUTTER
8	38+52.38	38+77.34	N SAPPINGTON	LT	14.6 SY SIDEWALK
8	38+60.27	38+69.42	N SAPPINGTON	RT	11.5 LF CURB & GUTTER
8	38+60.68	38+83.37	N SAPPINGTON	RT	9.8 SY SIDEWALK
8	38+92.51	40+12.51	N SAPPINGTON	LT	20.0 LF CURB & GUTTER
8	40+09.77	40+17.77	N SAPPINGTON	RT	2.9 SY SIDEWALK
8	40+80.89	40+98.89	N SAPPINGTON	LT	18.0 LF CURB & GUTTER
8	41+17.10	41+22.46	N SAPPINGTON	LT	1.7 SY SIDEWALK
8	41+17.58	41+39.93	N SAPPINGTON	LT	12.9 SY PAVED APPROACH
8	41+17.58	41+42.67	N SAPPINGTON	LT	29.0 LF CURB & GUTTER
8	41+22.46	41+34.98	N SAPPINGTON	LT	2.8 SY PAVEMENT
8	41+60.07	41+70.20	N SAPPINGTON	RT	7.7 SY SIDEWALK
8	41+68.86	41+78.63	N SAPPINGTON	RT	12.6 LF CURB & GUTTER
8	41+72.34	41+88.15	N SAPPINGTON	LT	23.8 LF CURB & GUTTER
8	41+74.10	42+01.08	N SAPPINGTON	LT	20.2 SY SIDEWALK
8	42+11.76	42+20.52	N SAPPINGTON	RT	11.2 LF CURB & GUTTER
8	42+13.34	42+30.41	N SAPPINGTON	RT	6.8 SY SIDEWALK
8	43+21.96	43+39.96	N SAPPINGTON	LT/RT	45.0 SY PAVEMENT
8	43+23.37	43+38.37	N SAPPINGTON	LT	12.0 SY SIDEWALK
8	43+23.48	43+38.48	N SAPPINGTON	RT	8.6 SY SIDEWALK
8	43+26.23	43+35.84	N SAPPINGTON	RT	9.6 LF CURB & GUTTER
8	43+26.25	43+35.87	N SAPPINGTON	RT	9.6 LF CURB & GUTTER
9	44+05.15	44+10.14	N SAPPINGTON	RT	2.2 SY SIDEWALK
9	44+06.14	44+52.13	N SAPPINGTON	RT	46.5 LF CURB & GUTTER
9	45+14.51	45+43.53	N SAPPINGTON	LT	22.1 SY SIDEWALK
9	45+29.66	45+47.47	N SAPPINGTON	LT	10.4 SY PAVED APPROACH
9	45+70.06	45+82.29	N SAPPINGTON	LT	6.4 SY PAVED APPROACH
9	45+71.50	46+07.70	N SAPPINGTON	LT	20.2 SY SIDEWALK
9	45+97.98	46+08.21	N SAPPINGTON	LT	4.9 SY PAVED APPROACH
9	46+04.75	46+27.93	N SAPPINGTON	RT	19.3 SY SIDEWALK
9	46+15.91	45+25.95	N SAPPINGTON	RT	12.8 LF CURB & GUTTER
9	46+09.57	46+85.93	N SAPPINGTON	RT	43.0 SY PAVEMENT
9	46+29.97	46+49.08	N SAPPINGTON	LT	12.7 SY PAVED APPROACH
9	46+34.93	46+56.47	N SAPPINGTON	LT	8.9 SY SIDEWALK
9	46+66.97	46+79.32	N SAPPINGTON	RT	15.5 LF CURB & GUTTER
9	46+67.38	46+90.88	N SAPPINGTON	RT	17.1 SY SIDEWALK
9	47+79.61	48+02.98	N SAPPINGTON	LT	9.2 SY SIDEWALK
9	47+82.55	48+03.89	N SAPPINGTON	LT	23.5 LF CURB & GUTTER
9	48+15.77	48+25.77	N SAPPINGTON	RT	10.9 LF CURB & GUTTER
9	48+34.06	48+52.02	N SAPPINGTON	LT	25.1 LF CURB & GUTTER
9	48+38.03	48+61.78	N SAPPINGTON	LT	9.7 SY SIDEWALK
10	50+01.32	51+11.32	N SAPPINGTON	RT	10.7 LF CURB & GUTTER
10	50+02.55	50+07.55	N SAPPINGTON	LT	2.2 SY SIDEWALK
10	50+17.55	50+22.55	N SAPPINGTON	LT	2.2 SY SIDEWALK
10	50+20.22	50+30.22	N SAPPINGTON	RT	4.4 SY SIDEWALK
10	51+16.47	51+38.33	N SAPPINGTON	LT	8.6 SY SIDEWALK
10	51+25.56	51+39.18	N SAPPINGTON	LT	16.0 LF CURB & GUTTER
10	51+50.75	51+60.72	N SAPPINGTON	RT	10.3 LF CURB & GUTTER
10	51+58.31	51+75.80	N SAPPINGTON	RT	7.7 SY SIDEWALK
10	51+64.60	51+76.21	N SAPPINGTON	RT	14.0 LF CURB & GUTTER
10	51+72.89	51+81.68	N SAPPINGTON	LT	10.5 LF CURB & GUTTER
10	51+73.83	51+93.75	N SAPPINGTON	LT	7.8 SY SIDEWALK
10	52+03.10	51+14.25	N SAPPINGTON	RT	13.1 LF CURB & GUTTER
10	52+03.47	52+40.02	N SAPPINGTON	RT	13.8 SY SIDEWALK
10	53+21.40	53+25.40	N SAPPINGTON	LT	1.8 SY SIDEWALK

REMOVAL OF IMPROVEMENTS SCHEDULE					
SHEET	FROM STATION	TO STATION	ROADWAY	LOCATION	DESCRIPTION OF REMOVAL
11	54+52.96	54+70.93	N SAPPINGTON	LT	12.3 SY SIDEWALK
11	54+56.91	54+70.83	N SAPPINGTON	LT	17.1 LF CURB

PAVEMENT MARKINGS SCHEDULE										
STA	TO STA	STREET	6206000C 4 IN WHITE	6206001C 4 IN YELLOW	6200012 12 IN WHITE	6206124A 24 IN WHITE CROSSWALK	6206124A 24 IN WHITE STOP BAR	6200021 LEFT/RIGHT ARROW	6200027 COMBINATION STR/LT/RT ARROW	6209902 PREFORMED THERMOPLASTIC PAVEMENT MARKING, SHARED LANE SYMBOL
			LF	LF	LF	LF	LF	EA	EA	EA
0+00	5+00	SAPPINGTON		880	26	46	24			6
5+00	10+60	SAPPINGTON		916		110	50			6
10+60	16+20	SAPPINGTON		1120		35	9			6
16+20	21+80	SAPPINGTON		990		144	48			6
21+80	27+40	SAPPINGTON		1076	44	90	34			6
27+40	32+80	SAPPINGTON		1079		126	43			4
32+80	38+00	SAPPINGTON		1040		96	43			4
38+00	43+60	SAPPINGTON		962	45	155	56			6
43+60	49+00	SAPPINGTON		894		149	51			6
49+00	54+40	SAPPINGTON		1080		66	21			6
54+40	60+00	SAPPINGTON		1120		154	45			6
60+00	65+60	SAPPINGTON		1120		119	36			4
65+60	70+60	SAPPINGTON		1000		61				4
70+60	71+78.86	SAPPINGTON	92	238				2	2	1
TOTAL			92	13515	115	1811		2	2	71

LANDSCAPING AND EROSION CONTROL SCHEDULE						
STA TO	STA	STREET	8031000A	804-10.00	8061007A	
			TURF TYPE TALL FESCUE SODDING	TOPSOIL (4")	CURB INLET CHECK	
			SQ YD	CU YD	EACH	
0+00	5+00	SAPPINGTON	67	7		
5+00	10+60	SAPPINGTON	25	3		
10+60	16+20	SAPPINGTON	54	6		
16+20	21+80	SAPPINGTON	35	4		
21+80	27+40	SAPPINGTON	48	5	7	
27+40	32+80	SAPPINGTON	63	7		
32+80	38+00	SAPPINGTON	77	9		
38+00	43+60	SAPPINGTON	126	14		
43+60	49+00	SAPPINGTON	89	10		
49+00	54+40	SAPPINGTON	34	4		
54+40	60+00	SAPPINGTON	78	9	7	
60+00	65+60	SAPPINGTON	67	7		
65+60	70+60	SAPPINGTON	34	4		
70+60	71+78.86	SAPPINGTON	10	1	2	
TOTAL			807	90	16	

UTILITY ADJUSTMENTS									
STA	TO STA	ROADWAY	603-10.30	6049902B	6049902C	RELOCATE POWER POLE (BY OTHERS)	RELOCATE GUY POLE (BY OTHERS)	ADJUST AT&T MH TO GRADE (BY OTHERS)	ADJUST AT&T VAULT TO GRADE (BY OTHERS)
			ADJUST WATER SERVICE VALVE AND BOX TO GRADE	ADJUST GAS VALVE TO GRADE	ADJUST MANHOLE TO GRADE				
			EA	EA	EA	EA	EA	EA	EA
0+00	5+00	N SAPPINGTON	2						1
5+00	10+60	N SAPPINGTON	4		1				
10+60	16+20	N SAPPINGTON	3	2					
16+20	21+80	N SAPPINGTON	3		1				
21+80	27+40	N SAPPINGTON	4	1	3			1	
27+40	32+80	N SAPPINGTON	5		1				
32+80	38+00	N SAPPINGTON	2			1	1		
38+00	43+60	N SAPPINGTON	7			1			
43+60	49+00	N SAPPINGTON	5		2				
49+00	54+40	N SAPPINGTON	1		2				
54+40	60+00	N SAPPINGTON	6		3				
60+00	65+60	N SAPPINGTON	4		2				
65+60	70+60	N SAPPINGTON	4		1				
70+60	71+78.86	N SAPPINGTON							
TOTAL			50	3	16	2	1	1	1

DRAINAGE SCHEDULE										
STA	TO STA	ROADWAY	604-12.01	604-19.27	726-23.15	726-54.04	604-16.98	6149902A	6149902B	604-20.30
			CURB INLET, UNTRAPPED	MANHOLE	CLASS III REINFORCED CONCRETE PIPE CULVERT (GASKET TYPE)	POLYVINYL CHLORIDE PIPE	ROOF DRAIN POP-UP EMITTER	DRYWELL	CAST IRON CURB OPENING	ADJUSTING MANHOLE TO GRADE
			EACH	EACH	15"	4"	EACH	EACH	EACH	EACH
0+00	5+00	SAPPINGTON								
5+00	10+60	SAPPINGTON				6		1	1	1
10+60	16+20	SAPPINGTON					1	1		
16+20	21+80	SAPPINGTON								1
21+80	27+40	SAPPINGTON	1	1	15					1
27+40	32+80	SAPPINGTON								1
32+80	38+00	SAPPINGTON								
38+00	43+60	SAPPINGTON								
43+60	49+00	SAPPINGTON								2
49+00	54+40	SAPPINGTON								2
54+40	60+00	SAPPINGTON								3
60+00	65+60	SAPPINGTON								2
65+60	70+60	SAPPINGTON								1
70+60	71+78.86	SAPPINGTON								
TOTAL			1	1	15	6	1	2	1	14

PAVEMENT SCHEDULE																		
STA	TO STA	STREET	5024008	502-10.08	502-99.05	608-60.00	608-60.07	608-60.98	502-12.99	608-50.06	609-10.10	609-10.53	6221001	703-20.20	7101000	4039910	4071005	3040504
			CONCRETE BASE WIDENING (8 IN. NON-REINF)	CONCRETE PAVEMENT (8" NON-REINFORCED), HIGH EARLY CONCRETE	CONCRETE PAVEMENT (8" TYPE III), HIGH-EARLY CONCRETE	CONCRETE SIDEWALK, 4 IN.	CONCRETE SIDEWALK, CURB RAMP (7" THICK)	TRUNCATED DOMES FOR CURB RAMPS (NEW CONSTRUCTION)	STAMPED COLORED CONCRETE CROSSWALK (FULL DEPTH)	PAVED APPROACH (6" THICK)	CONCRETE CURB (6 IN. HEIGHT AND UNDER) TYPE S	CURB AND GUTTER, VERTICAL TYPE B	COLD MILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (3 IN. THICK OR LESS)	EPOXY CRACK SEALING	REINFORCING STEEL (EPOXY-COATED)	MISC. HIGH TENSILE STRENGTH SYNTHETIC FIBER ASPHALTIC CONCRETE MIXTURE PG 70-22 (SP125CLP MIX)	TACK COAT	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)
			SY	SY	SY	SY	SY	SF	SY	SY	LF	LF	SY	LF	LBS	TONS	GAL	SY
0+00	5+00	SAPPINGTON				13	28	42				301	1214			133	23	125
5+00	10+60	SAPPINGTON		20		14	31	49				180	1523	50	50	169	29	95
10+60	16+20	SAPPINGTON				12	16	16				136	1461	5		160	27	66
16+20	21+80	SAPPINGTON		41		12	34	76				102	1555	49	98	175	30	74
21+80	27+40	SAPPINGTON		66	45	7	48	70	20			161	1502	14	119	172	29	109
27+40	32+80	SAPPINGTON				13	39	73	16			205	1611	6		176	30	126
32+80	38+00	SAPPINGTON	14			14	50	67	1			172	1507	6		165	28	113
38+00	43+60	SAPPINGTON		25	46	27	84	126	20	15	7	208	1679	4	39	186	32	184
43+60	49+00	SAPPINGTON		43		28	80	117		31	69	134	1470	9	84	166	28	176
49+00	54+40	SAPPINGTON				20	28	56				75	1491	22		163	28	69
54+40	60+00	SAPPINGTON				24	75	128				188	1732	5		189	32	151
60+00	65+60	SAPPINGTON				3	47	83				237	1662			182	31	116
65+60	70+60	SAPPINGTON				24	29	53		16	17	76	1359	15		149	25	90
70+60	71+78.86	SAPPINGTON				2	7	8		19	17		425	5		46	8	28
TOTAL			14	195	91	214	597	963	40	107	110	2175	20191	189	390	2230	379	1522

SIGN SCHEDULE		
STA	9039902A	9031250A
	RELOCATE GROUND MOUNTED SIGN	U-CHANNEL POST, 3 LB
	EA	LF
34+72.70	1	13
TOTAL	1	13

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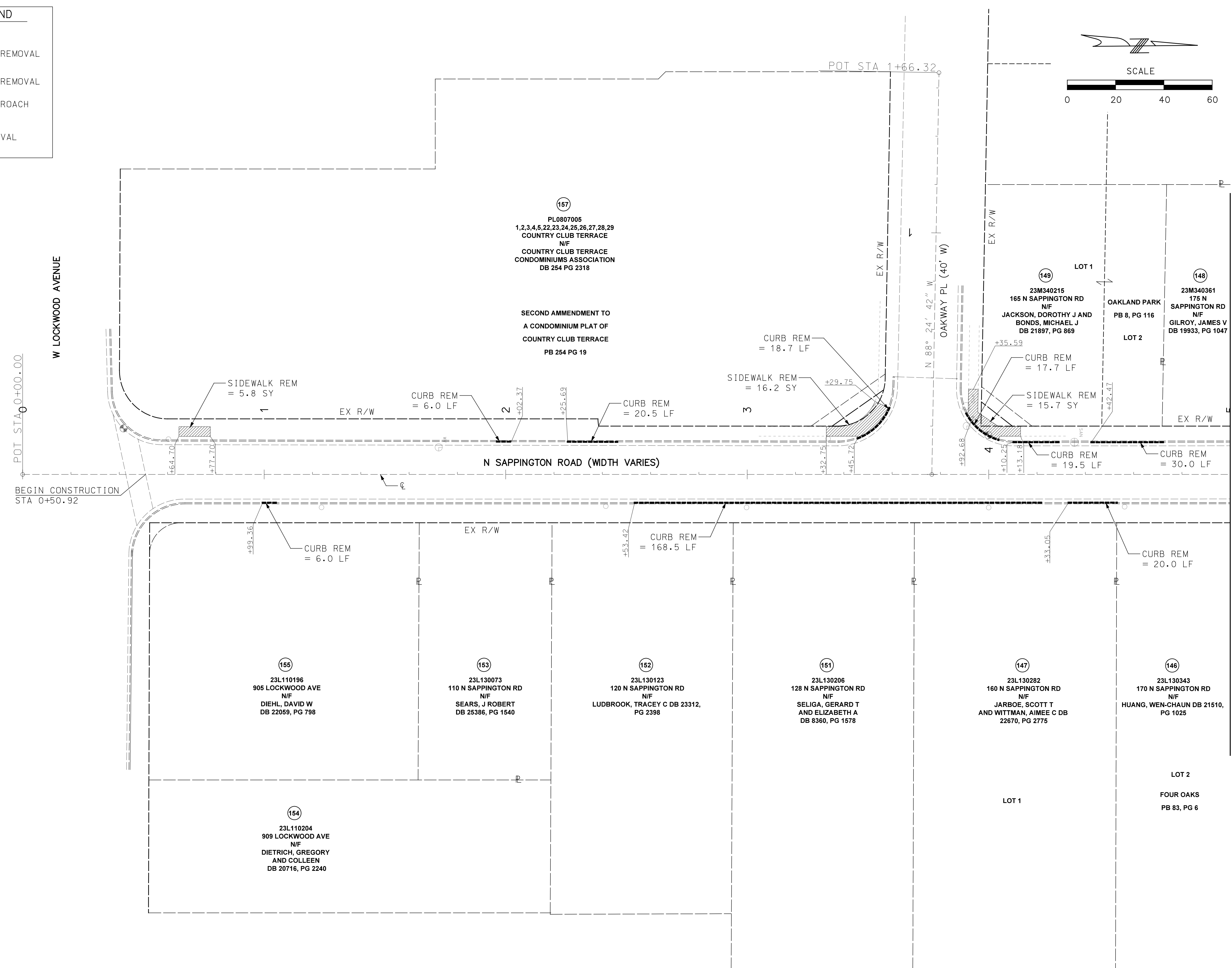
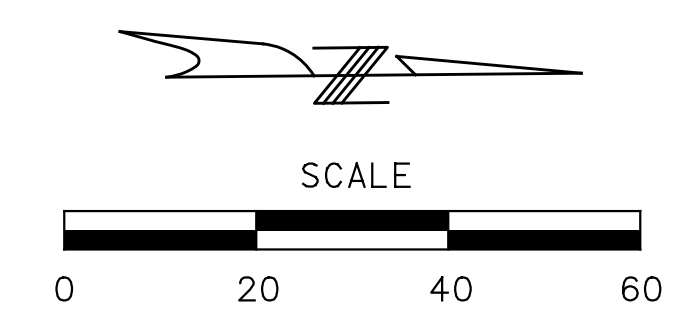
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NORTH SAPPINGTON
 ROAD PRESERVATION
 SCHEDULE OF QUANTITIES
 SHEET 2 OF 3

PROJECT/JOB NO.
STP-5568 (604)
 MSD PROJECT NO.
25MSD-00108
 MSD BASE MAP
**22L1, 22M3, 22L4,
 23M2, 23M3**
 DATE PREPARED
1/28/2026
 SHEET
6 OF 102

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

REMOVAL LEGEND	
	PAVEMENT REMOVAL
	SIDEWALK REMOVAL
	PAVED APPROACH REMOVAL
	CURB REMOVAL



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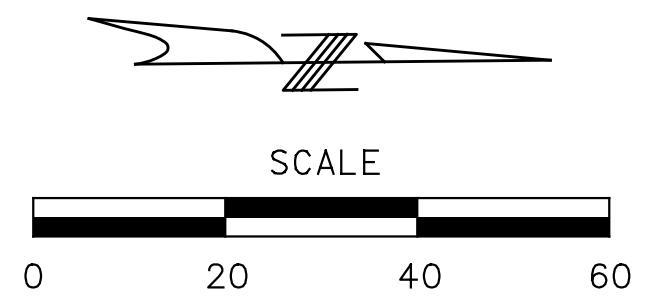
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NORTH SAPPINGTON ROAD PRESERVATION
REMOVAL PLANS
SHEET 1 OF 14

PROJECT/JOB NO. STP-5568 (604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 8 OF 102

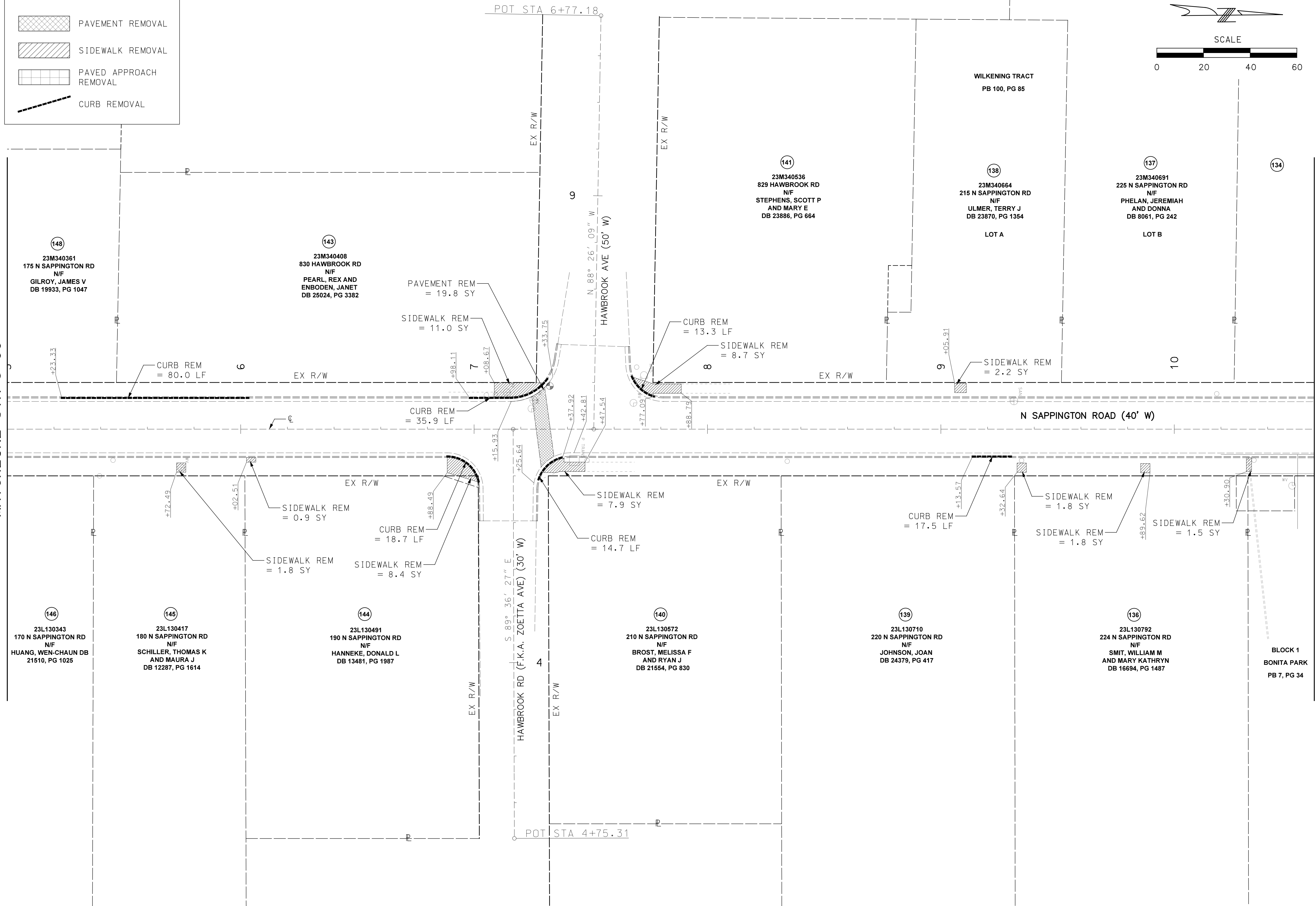
LOCHMUELLER PROJECT NO. 522-0044 IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REMOVAL LEGEND	
	PAVEMENT REMOVAL
	SIDEWALK REMOVAL
	PAVED APPROACH REMOVAL
	CURB REMOVAL



MATCHLINE STA 5+00

MATCHLINE STA 10+60



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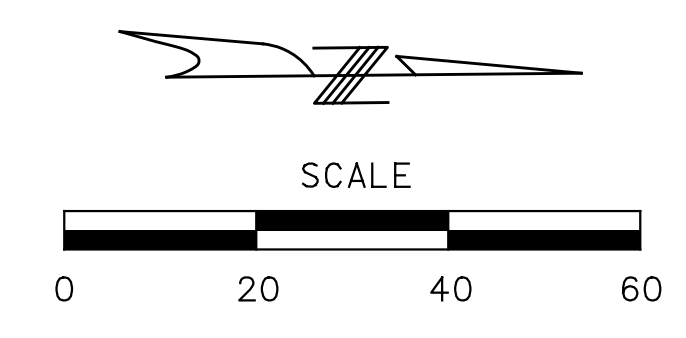
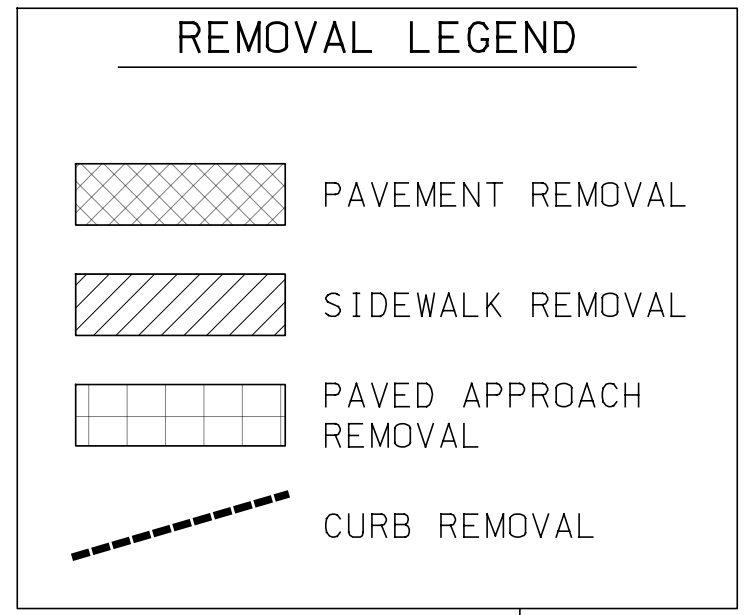
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NORTH SAPPINGTON ROAD PRESERVATION
REMOVAL PLANS
SHEET 2 OF 14

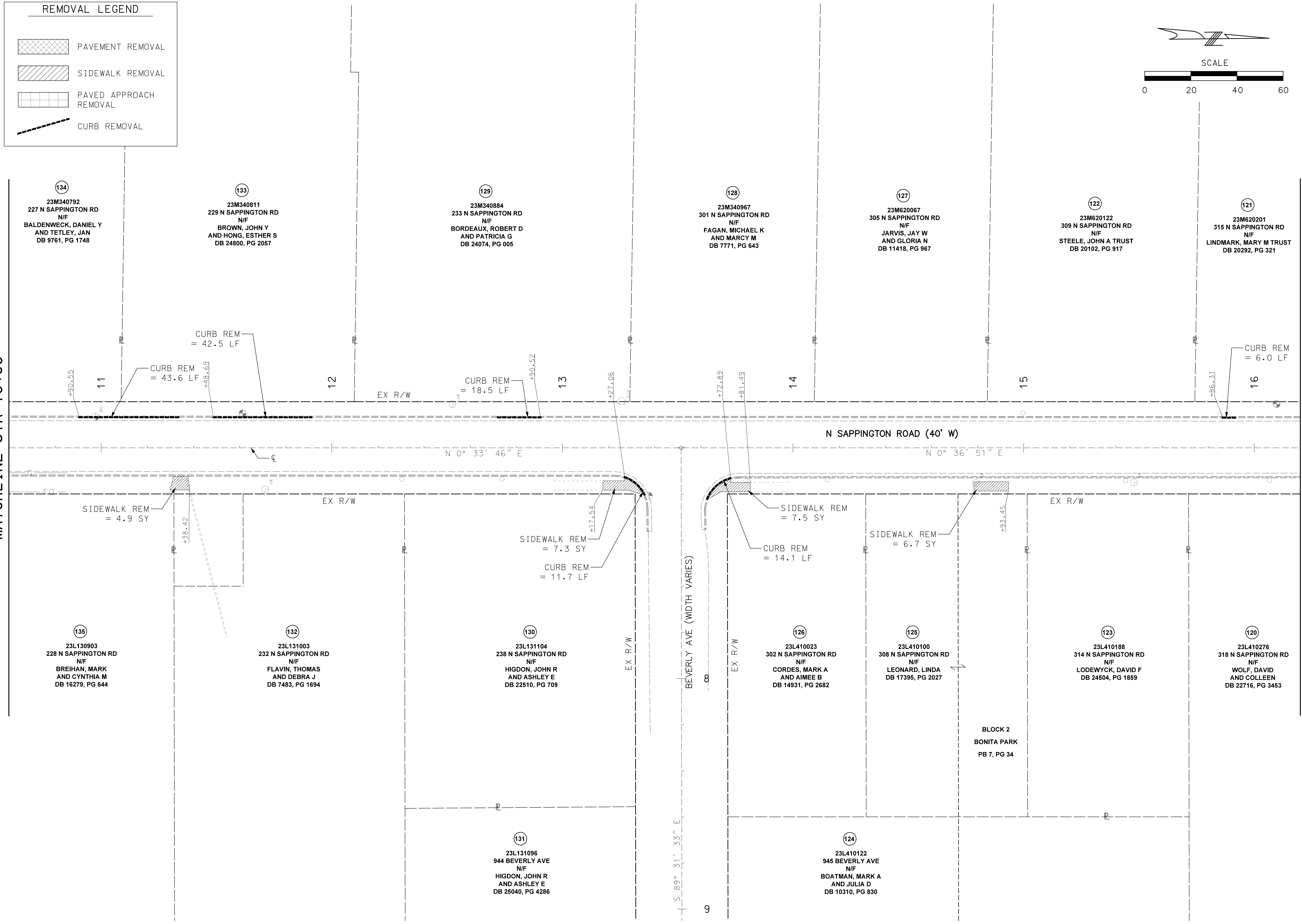
PROJECT/JOB NO.	STP-5568(604)
MSD PROJECT NO.	25MSD-00108
MSD BASE MAP	22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED	1/27/2026
SHEET	9 OF 102

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MATCHLINE STA 10+60

MATCHLINE STA 16+20



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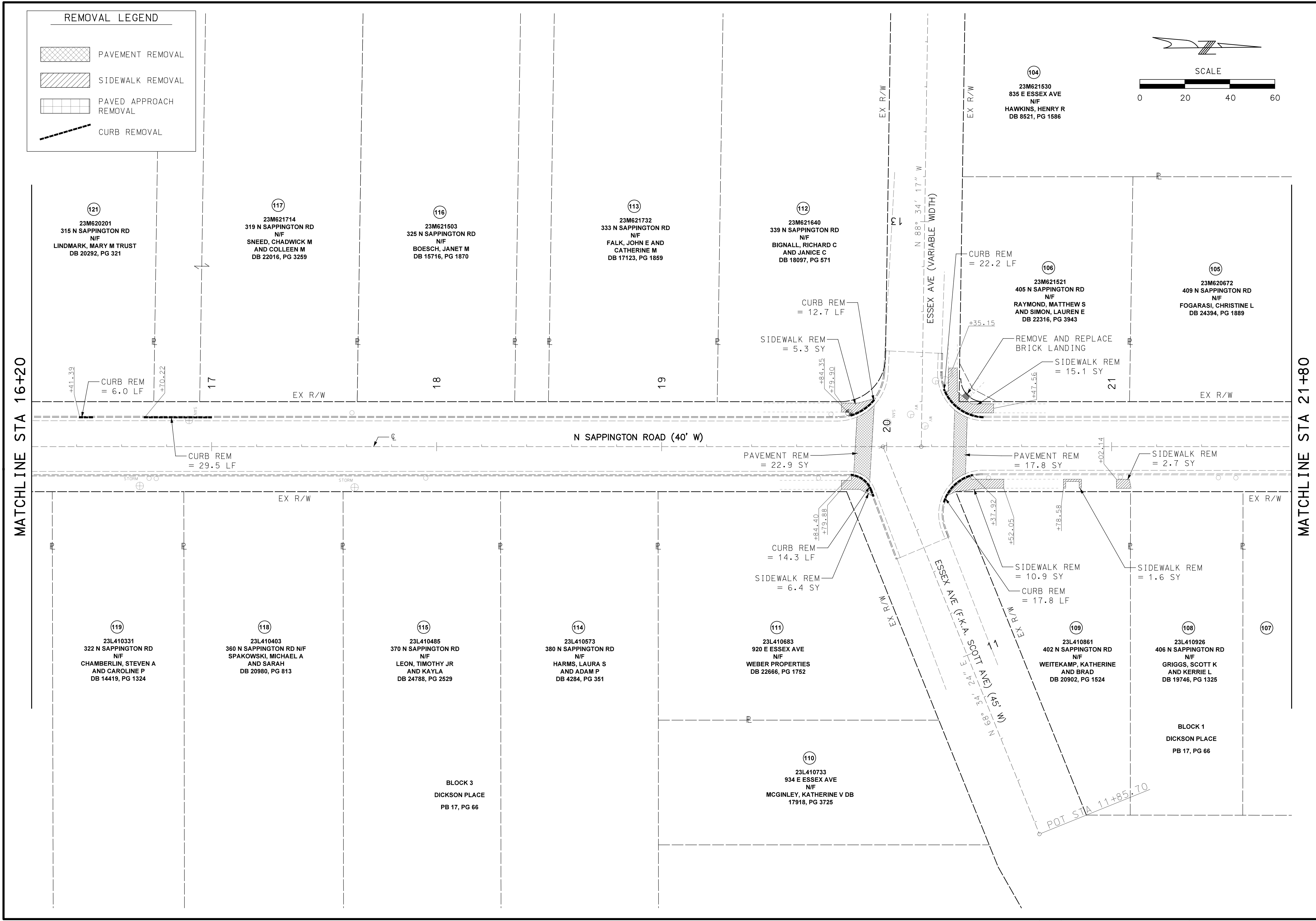
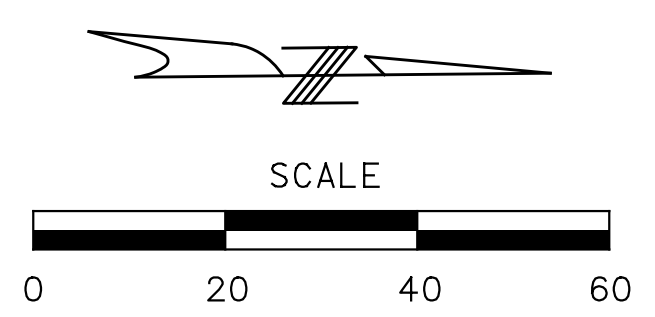
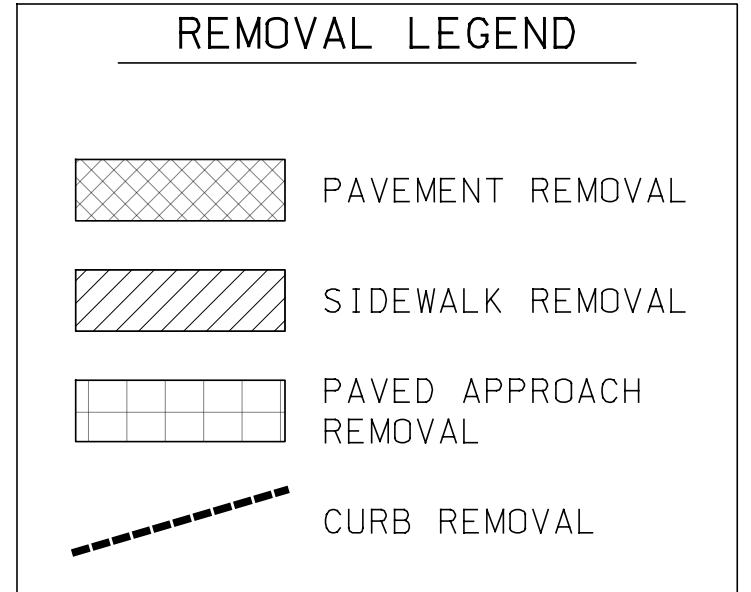
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NORTH SAPPINGTON ROAD PRESERVATION
REMOVAL PLANS
SHEET 3 OF 14

PROJECT/JOB NO. STP-5568(604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 10 OF 102

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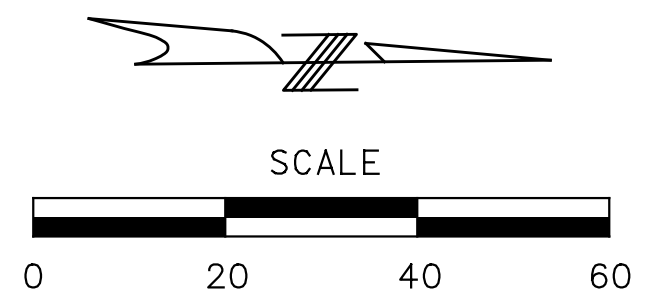
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NORTH SAPPINGTON ROAD PRESERVATION
REMOVAL PLANS
SHEET 4 OF 14

PROJECT/JOB NO. STP-5568 (604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 11 OF 102

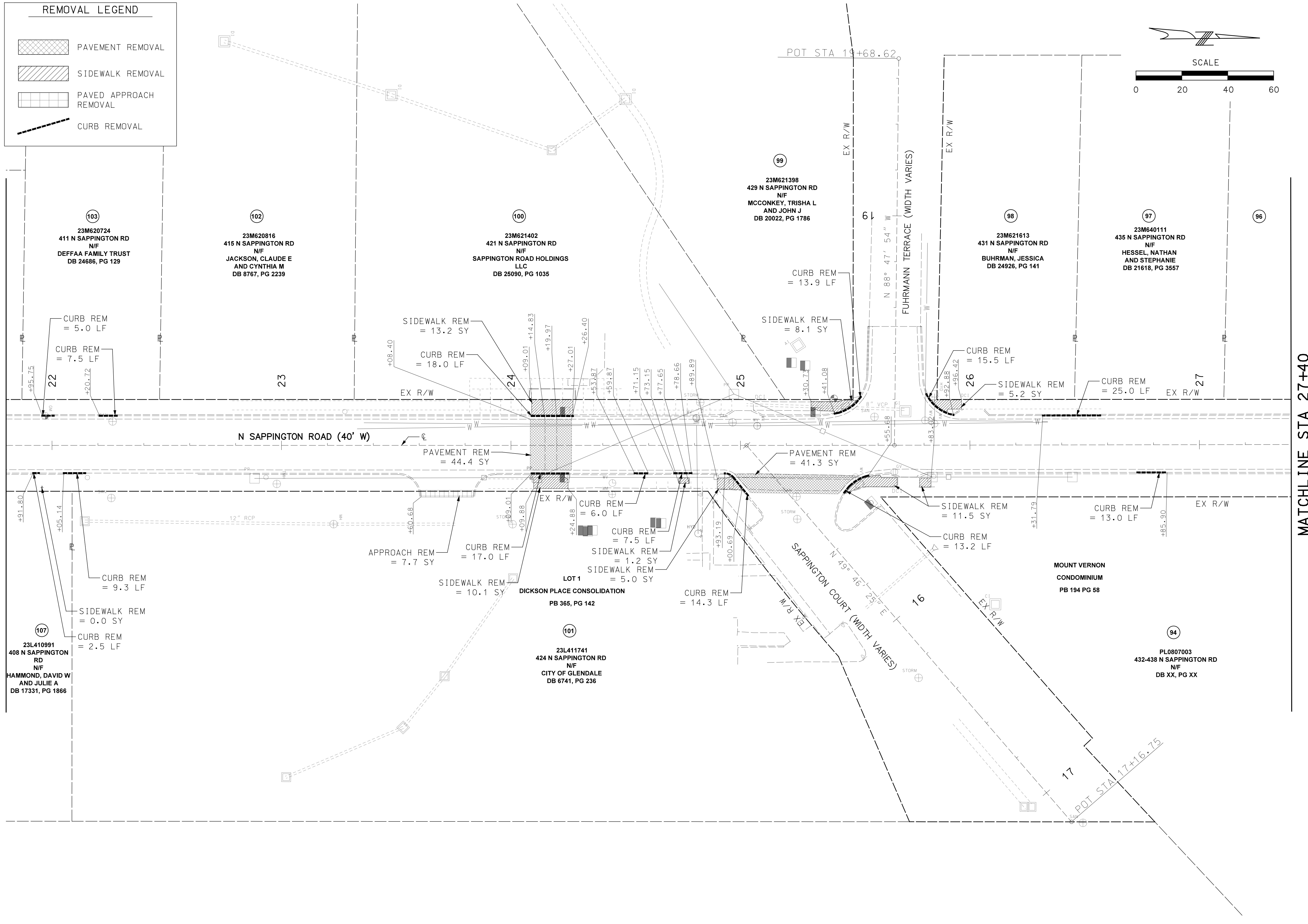
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED. LOCHMUELLER PROJECT NO. 522-0044

REMOVAL LEGEND	
	PAVEMENT REMOVAL
	SIDEWALK REMOVAL
	PAVED APPROACH REMOVAL
	CURB REMOVAL



MATCHLINE STA 21+80

MATCHLINE STA 27+40



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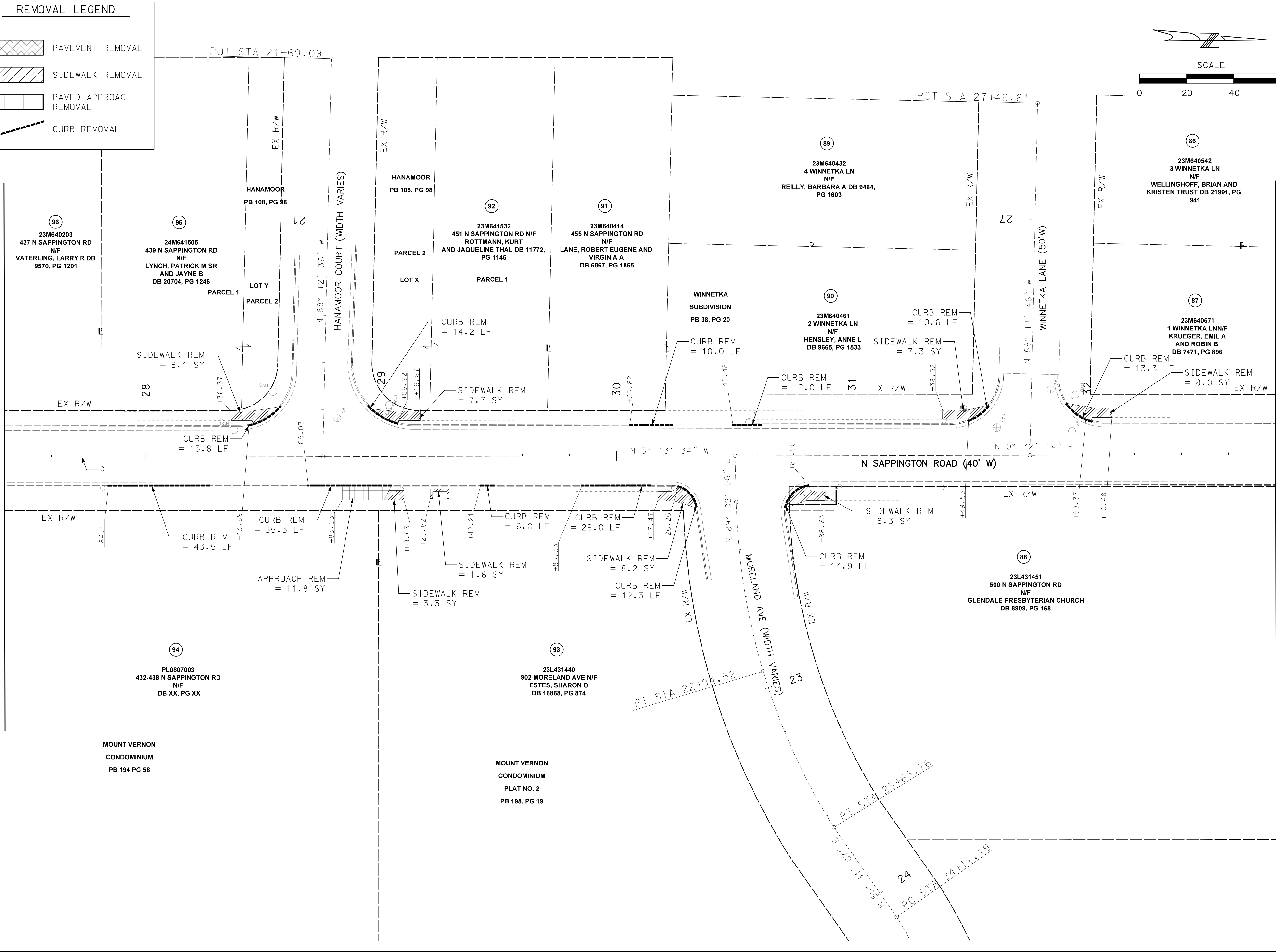
NORTH SAPPINGTON ROAD PRESERVATION
REMOVAL PLANS
SHEET 5 OF 14

PROJECT/JOB NO. STP-5568 (604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 12 OF 102

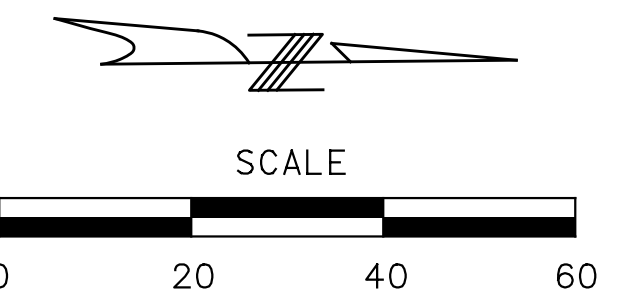
LOCHMUELLER PROJECT NO. 522-0044 IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REMOVAL LEGEND	
	PAVEMENT REMOVAL
	SIDEWALK REMOVAL
	PAVED APPROACH REMOVAL
	CURB REMOVAL

MATCHLINE STA 27+40



MATCHLINE STA 32+80



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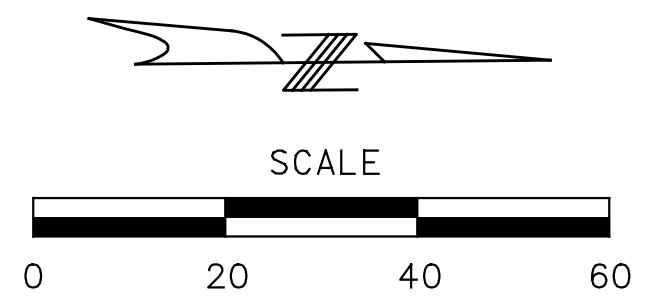
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NORTH SAPPINGTON ROAD PRESERVATION
REMOVAL PLANS
SHEET 6 OF 14

PROJECT/JOB NO. STP-5568 (604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 13 OF 102

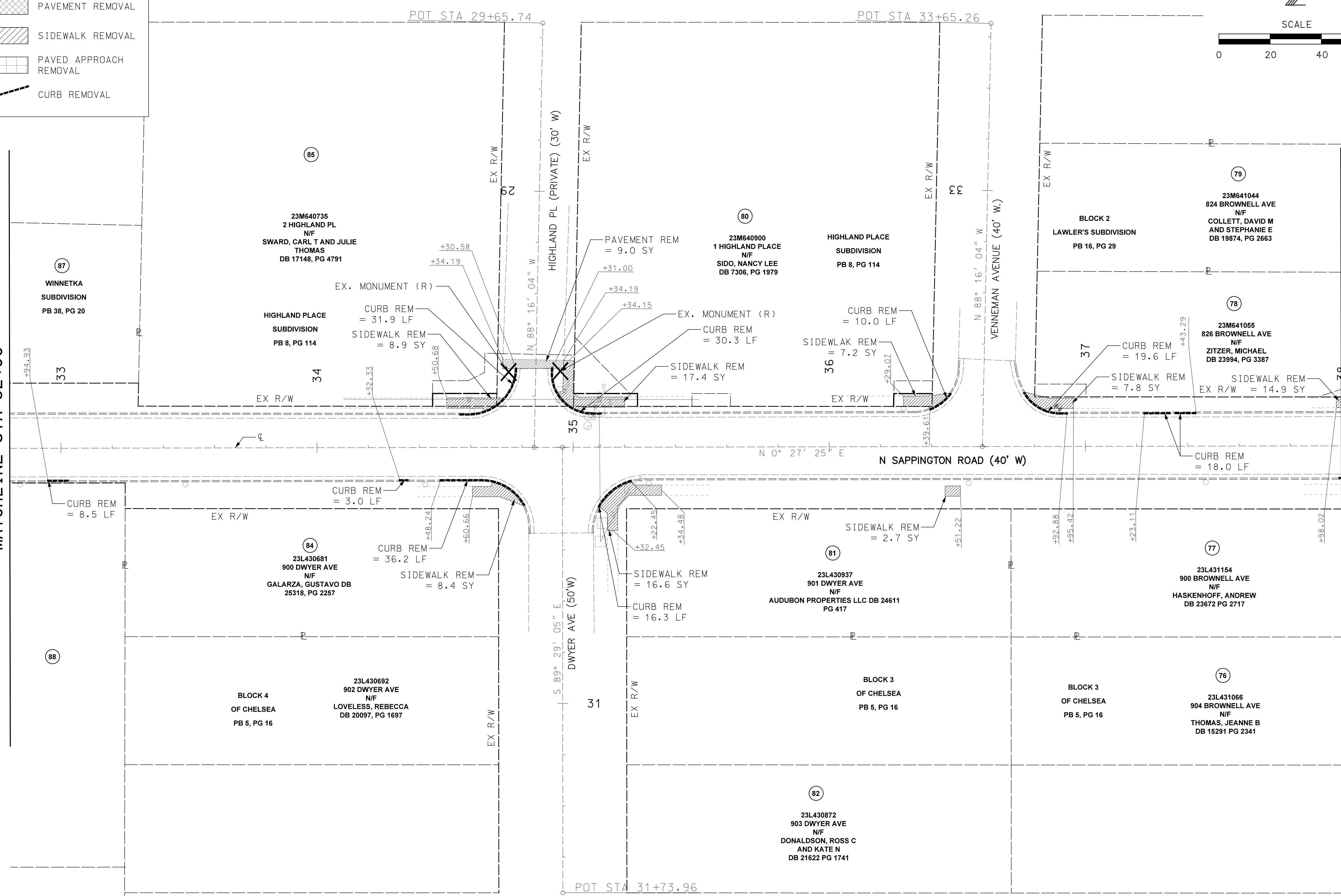
LOCHMUELLER PROJECT NO. 522-0044 IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REMOVAL LEGEND	
	PAVEMENT REMOVAL
	SIDEWALK REMOVAL
	PAVED APPROACH REMOVAL
	CURB REMOVAL



MATCHLINE STA 32+80

MATCHLINE STA 38+00



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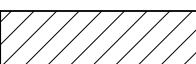
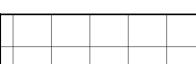

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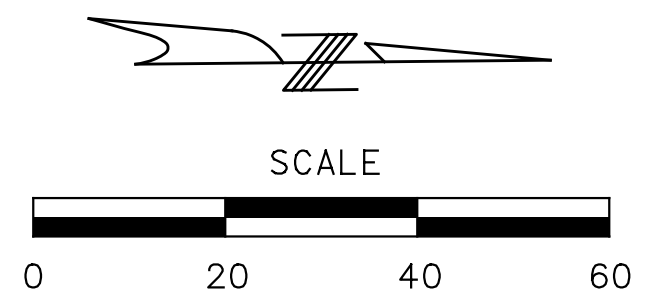
NORTH SAPPINGTON ROAD PRESERVATION
 REMOVAL PLANS
 SHEET 7 OF 14

PROJECT/JOB NO. STP-5568 (604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 14 OF 102

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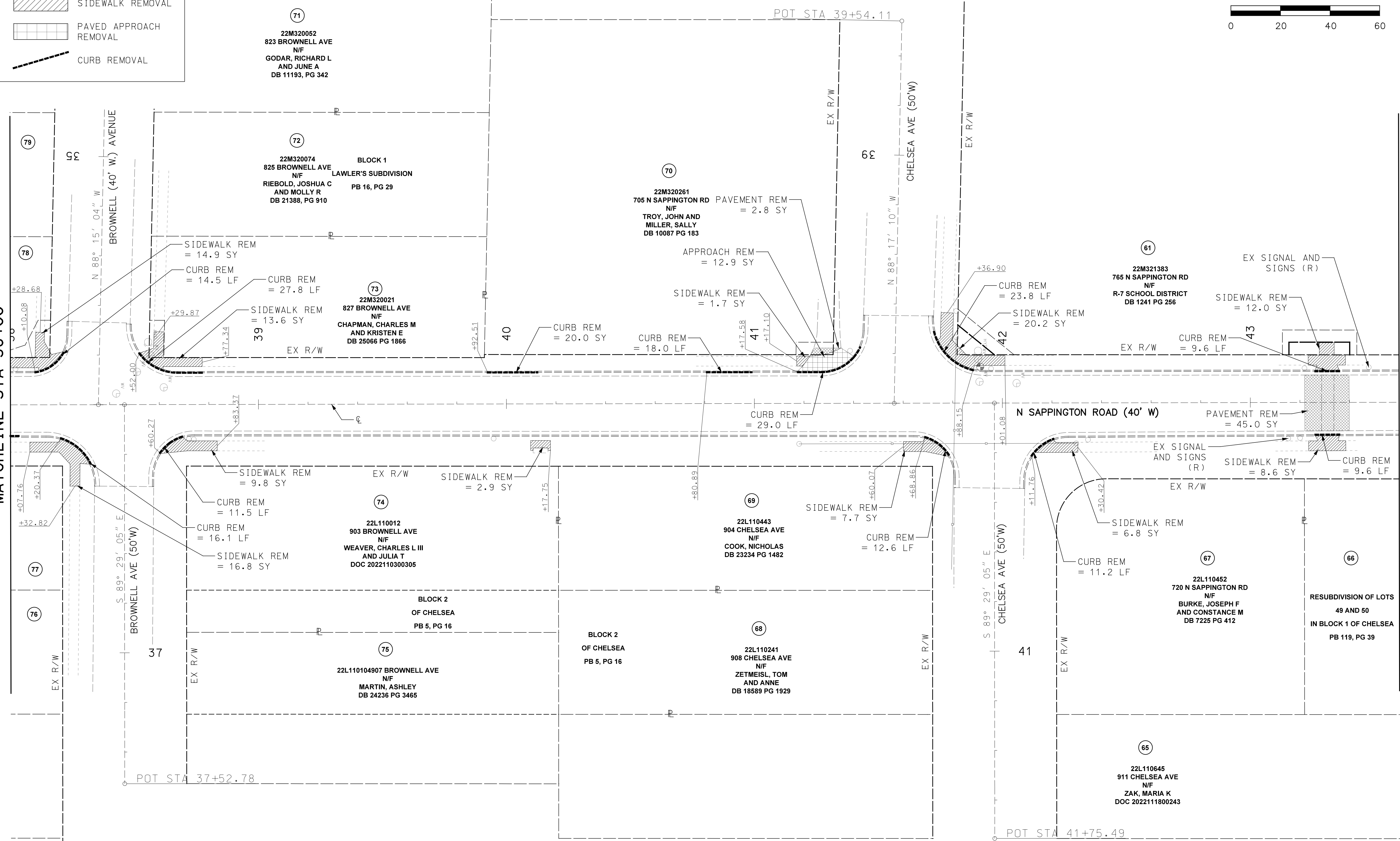
REMOVAL LEGEND

-  PAVEMENT REMOVAL
-  SIDEWALK REMOVAL
-  PAVED APPROACH REMOVAL
-  CURB REMOVAL



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MATCHLINE STA 43+60



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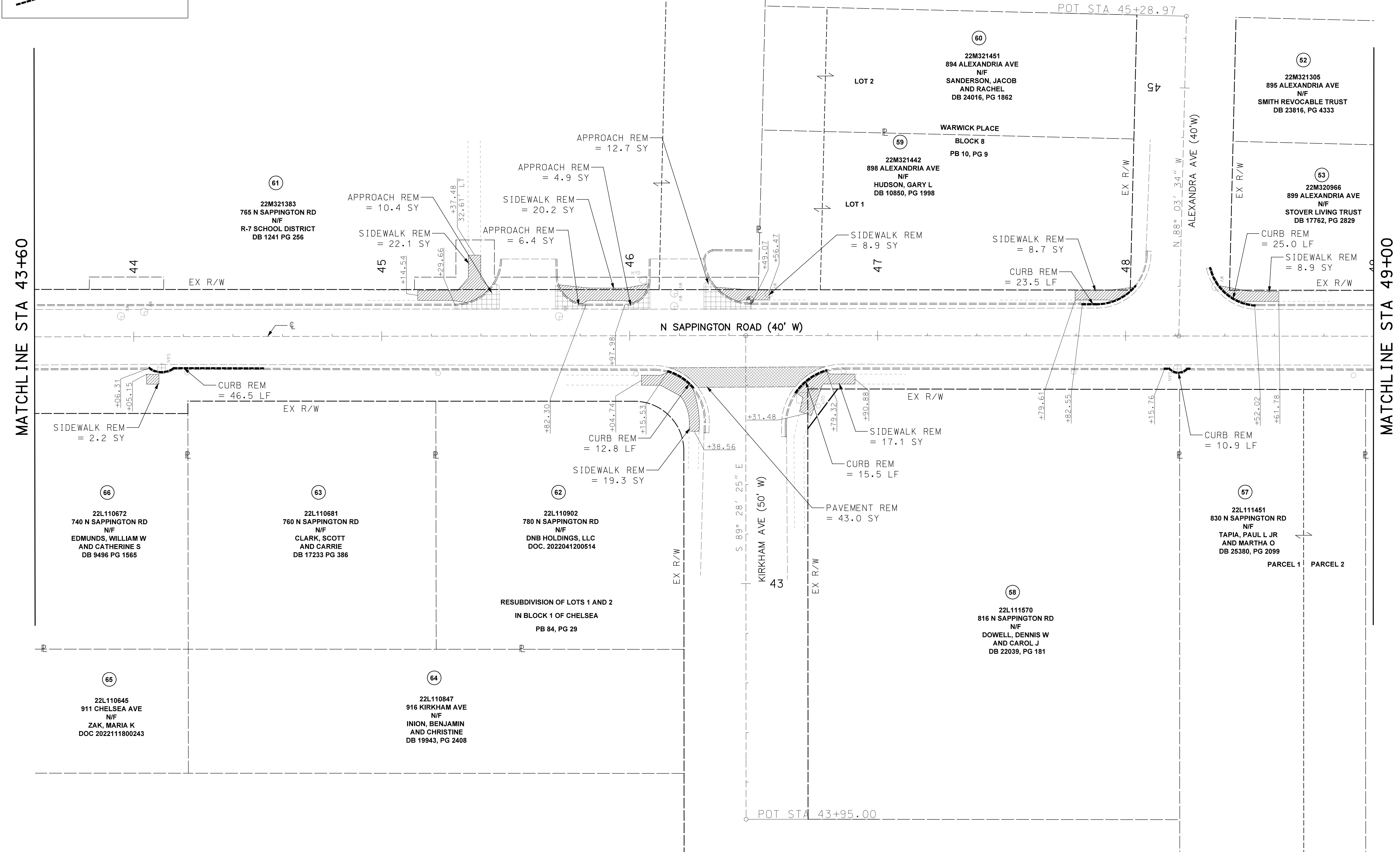
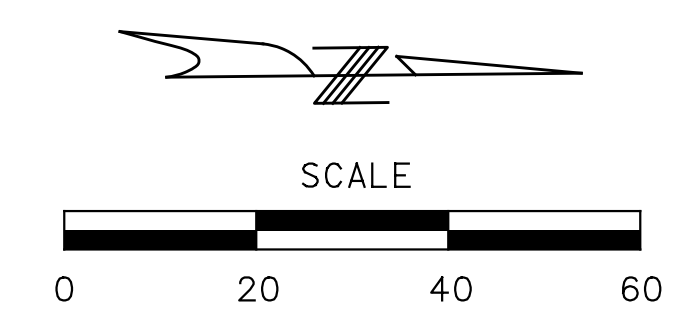
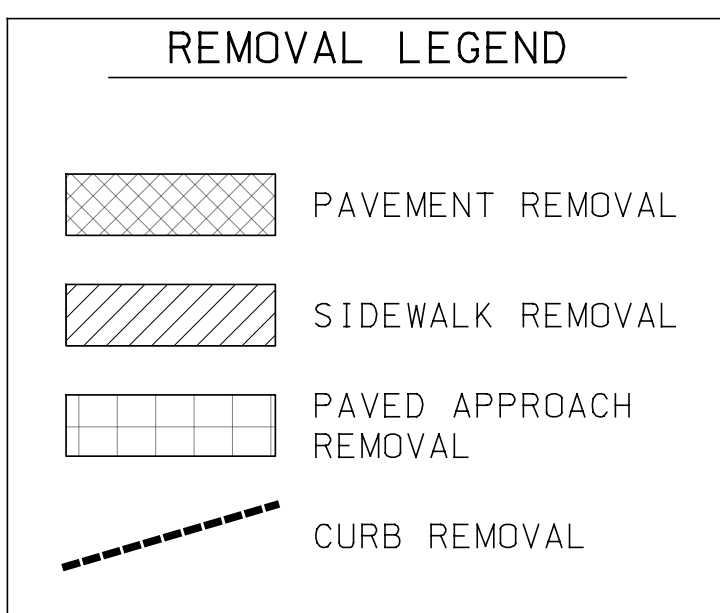
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NORTH SAPPINGTON ROAD PRESERVATION
REMOVAL PLANS
SHEET 8 OF 14

PROJECT/JOB NO.	STP-5568 (604)
MSD PROJECT NO.	25MSD-00108
MSD BASE MAP	22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED	1/27/2026
SHEET	15 OF 102

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**NORTH SAPPINGTON ROAD PRESERVATION
 REMOVAL PLANS
 SHEET 9 OF 14**

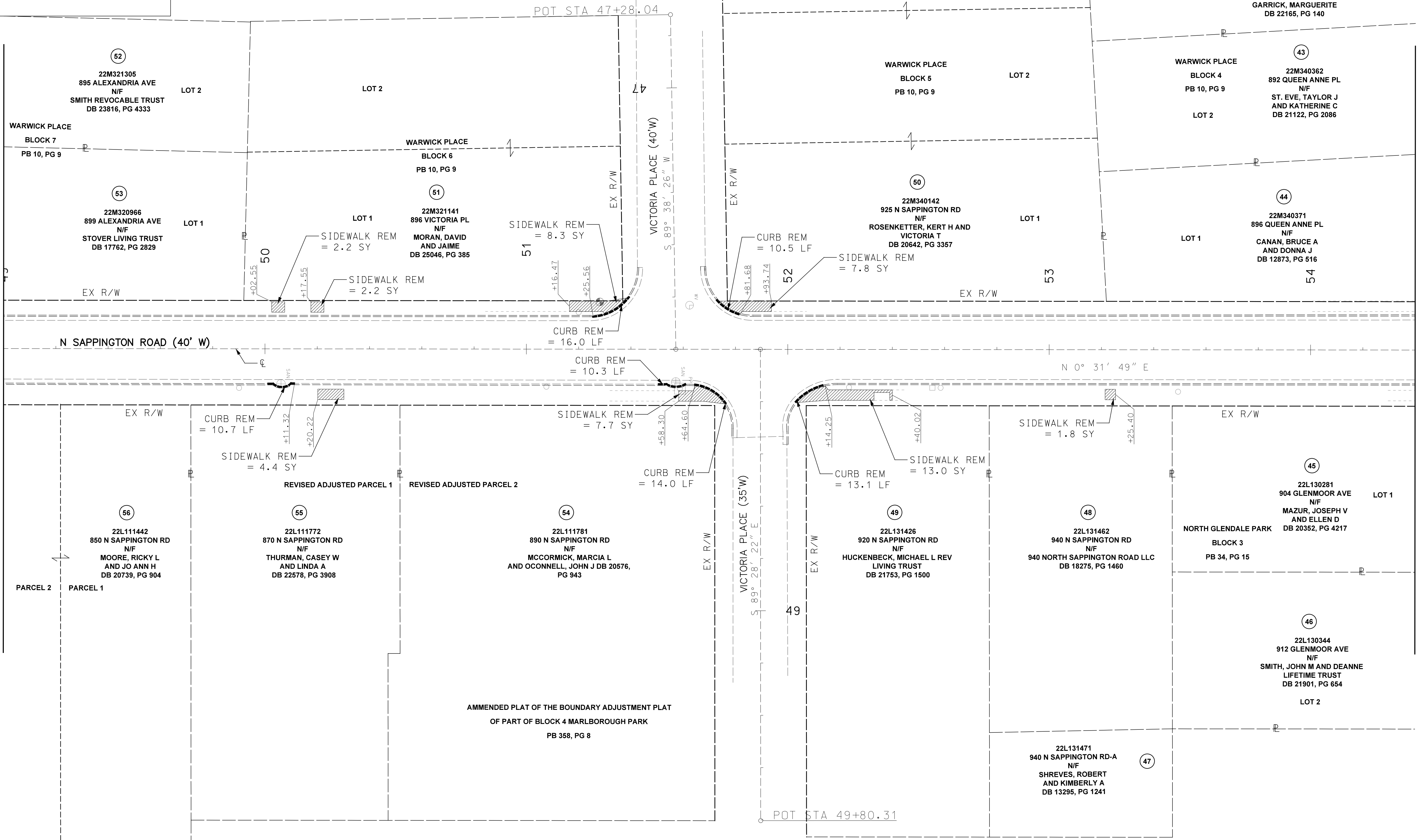
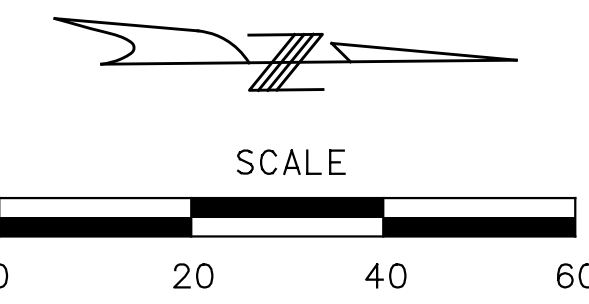
PROJECT/JOB NO. STP-5568 (604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 16 OF 102

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REMOVAL LEGEND	
	PAVEMENT REMOVAL
	SIDEWALK REMOVAL
	PAVED APPROACH REMOVAL
	CURB REMOVAL

MATCHLINE STA 49+00

MATCHLINE STA 54+00



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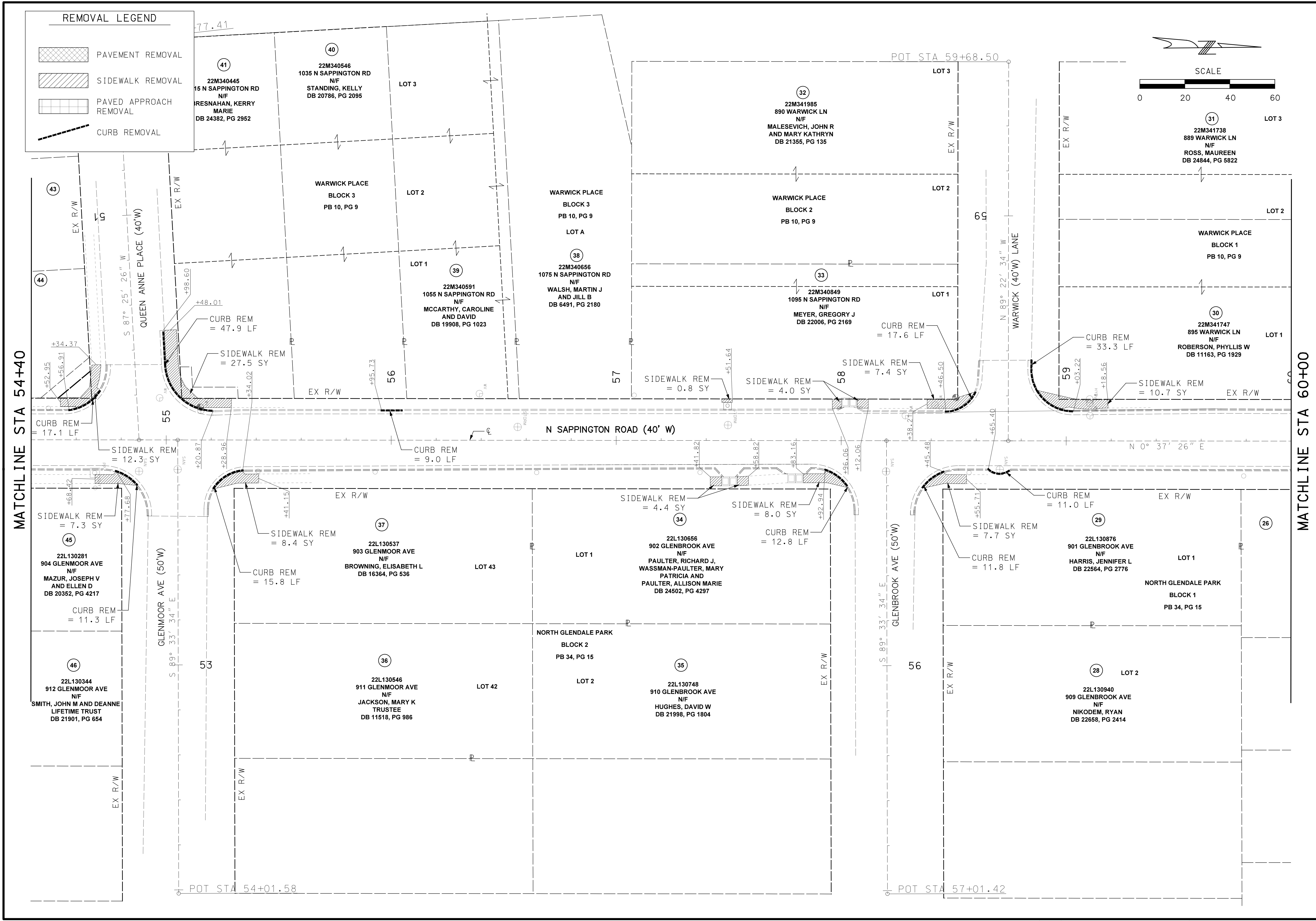
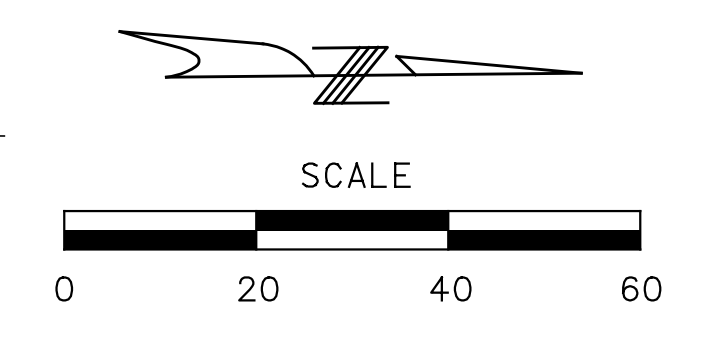
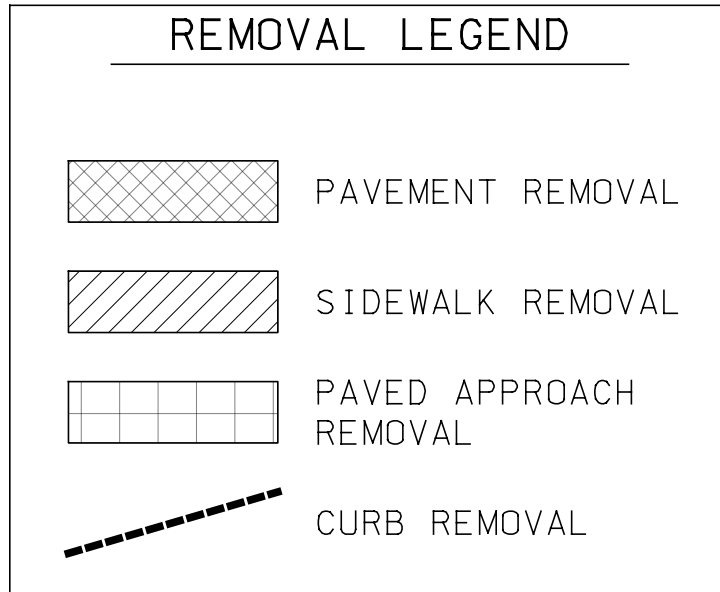
REV	DATE	BY	DESCRIPTION

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NORTH SAPPINGTON ROAD PRESERVATION
 REMOVAL PLANS
 SHEET 10 OF 14

PROJECT/JOB NO. STP-5568(604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 17 OF 102

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NORTH SAPPINGTON ROAD PRESERVATION

REMOVAL PLANS

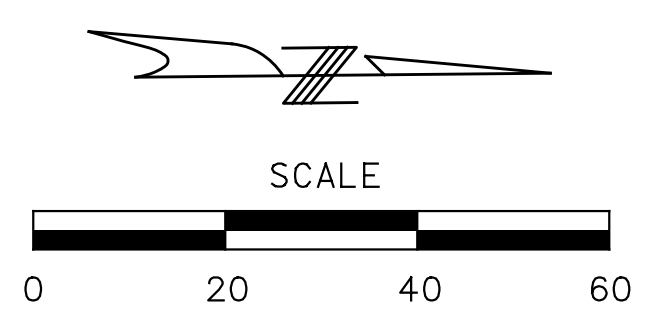
SHEET 11 OF 14

PROJECT/JOB NO. STP-5568 (604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 18 OF 102

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

REMOVAL LEGEND

- PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- PAVED APPROACH REMOVAL
- CURB REMOVAL



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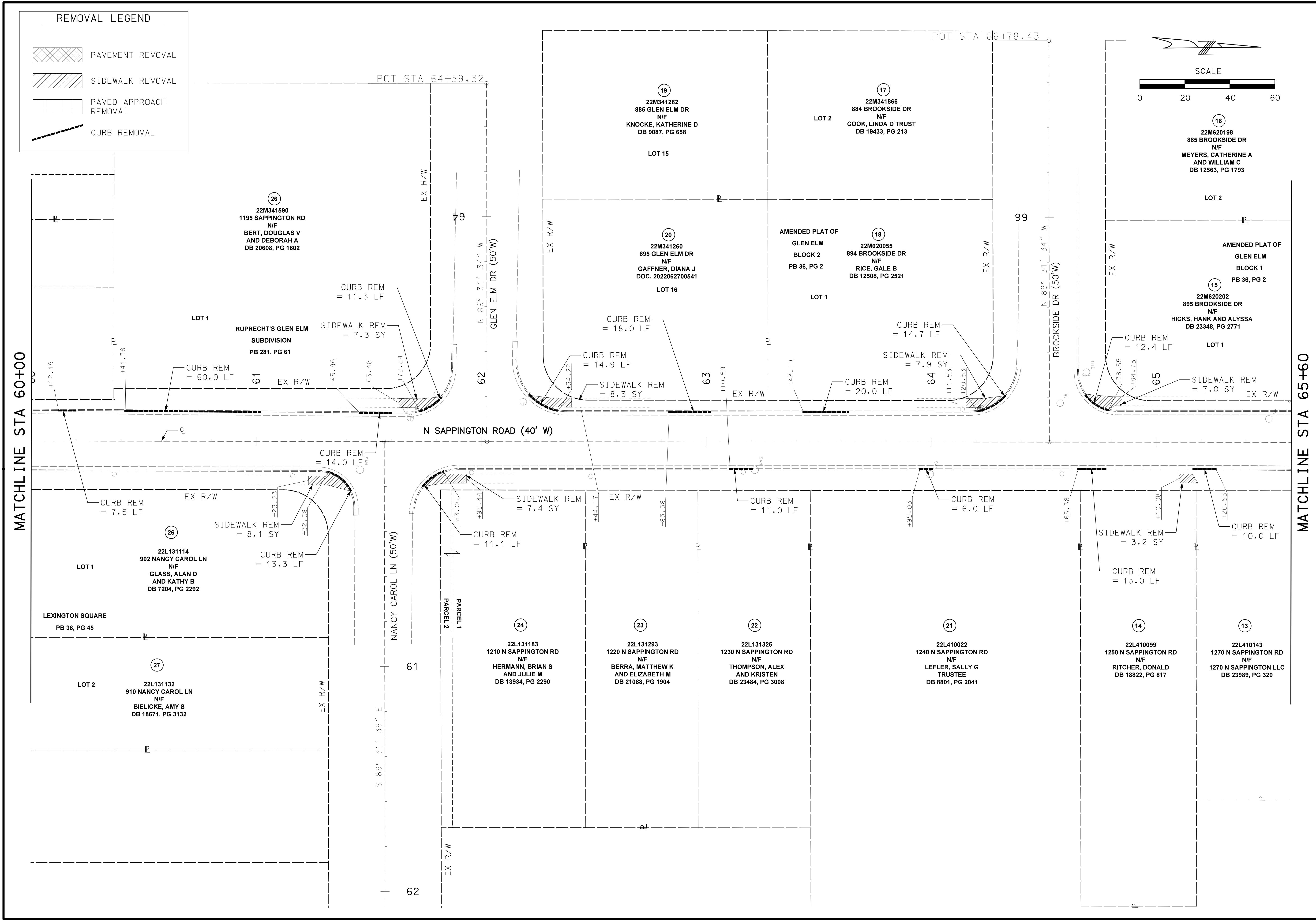
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REV	DATE	BY	DESCRIPTION

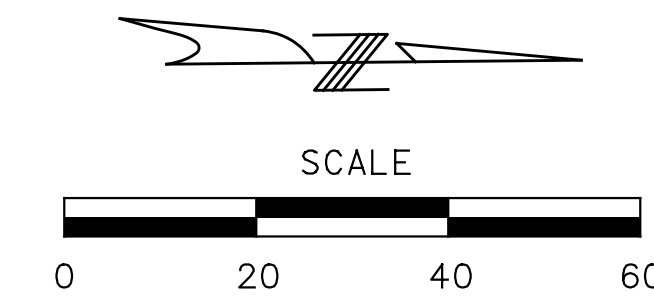
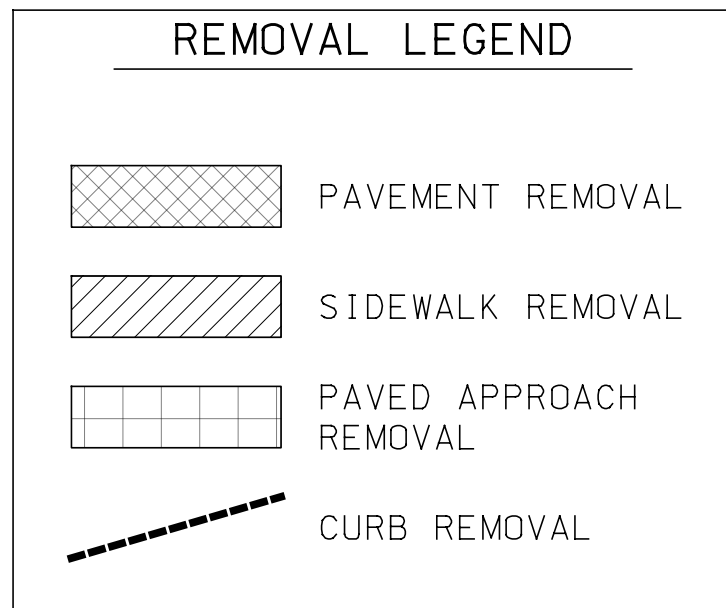
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 MISSOURI STATE ENGINEERING CORPORATION
 CERTIFICATE/LICENSE NO. 2002011852

**NORTH SAPPINGTON ROAD PRESERVATION
 REMOVAL PLANS
 SHEET 12 OF 14**

PROJECT/JOB NO. STP-5568 (604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 19 OF 102

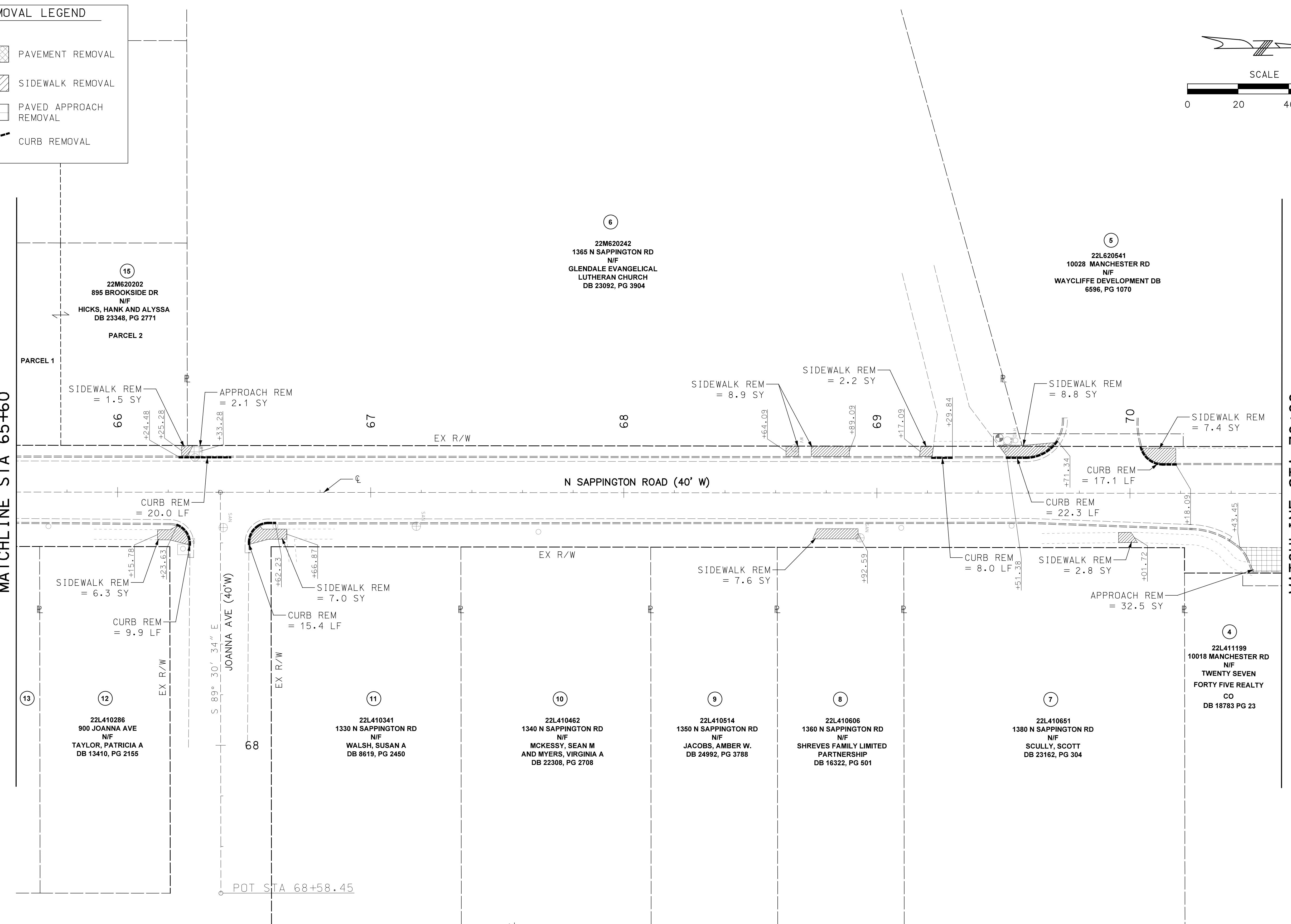


LOCHMUELLER PROJECT NO. 522-0044 IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



MATCHLINE STA 65+60

MATCHLINE STA 70+60



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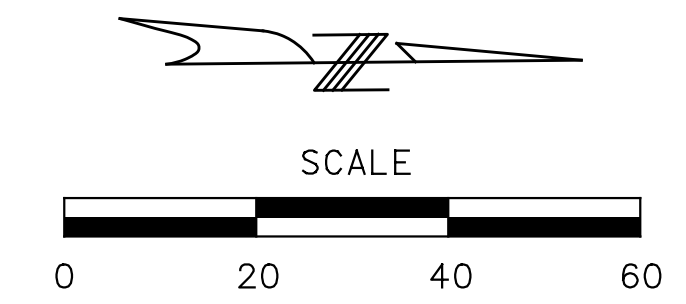
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NORTH SAPPINGTON ROAD PRESERVATION
REMOVAL PLANS
SHEET 13 OF 14

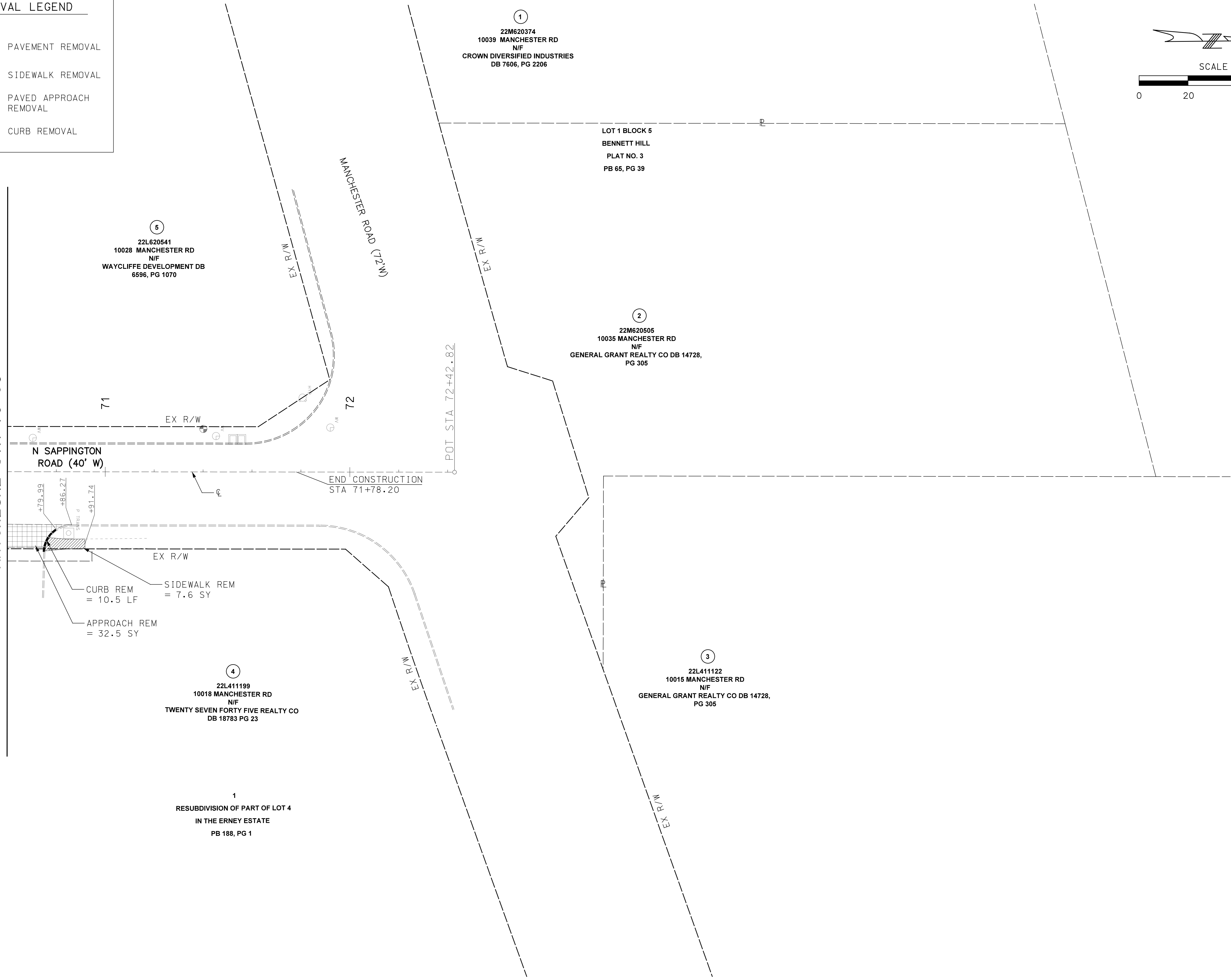
PROJECT/JOB NO. STP-5568 (604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 20 OF 102

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REMOVAL LEGEND	
	PAVEMENT REMOVAL
	SIDEWALK REMOVAL
	PAVED APPROACH REMOVAL
	CURB REMOVAL



MATCHLINE STA 70+60



⑤
22L620541
10028 MANCHESTER RD
N/F
WAYCLIFFE DEVELOPMENT DB
6596, PG 1070

①
22M620374
10039 MANCHESTER RD
N/F
CROWN DIVERSIFIED INDUSTRIES
DB 7606, PG 2206

LOT 1 BLOCK 5
BENNETT HILL
PLAT NO. 3
PB 65, PG 39

②
22M620505
10035 MANCHESTER RD
N/F
GENERAL GRANT REALTY CO DB 14728,
PG 305

③
22L411122
10015 MANCHESTER RD
N/F
GENERAL GRANT REALTY CO DB 14728,
PG 305

④
22L411199
10018 MANCHESTER RD
N/F
TWENTY SEVEN FORTY FIVE REALTY CO
DB 18783 PG 23

1
RESUBDIVISION OF PART OF LOT 4
IN THE ERNEY ESTATE
PB 188, PG 1

N SAPPINGTON
ROAD (40' W)

MANCHESTER ROAD (72' W)

71

72

POT STA 72+42.82

END CONSTRUCTION
STA 71+78.20

+79.99
+86.27
+91.74

CURB REM
= 10.5 LF

SIDEWALK REM
= 7.6 SY

APPROACH REM
= 32.5 SY

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NORTH SAPPINGTON
ROAD PRESERVATION
REMOVAL PLANS
SHEET 14 OF 14

PROJECT/JOB NO. STP-5568(604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 21 OF 102

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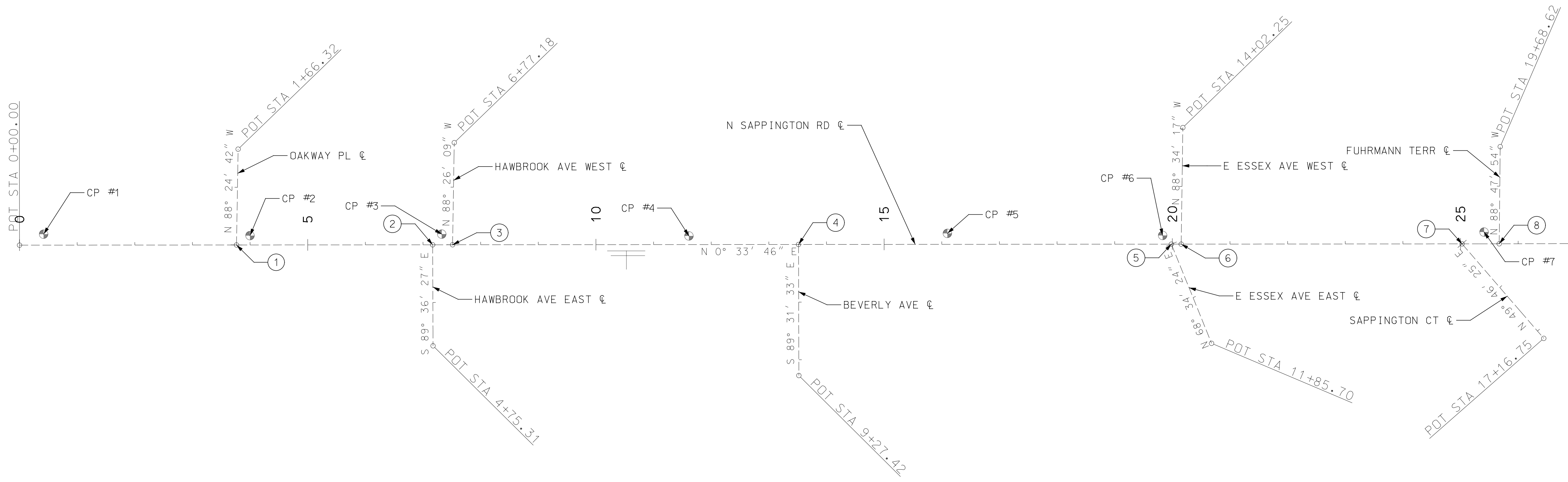
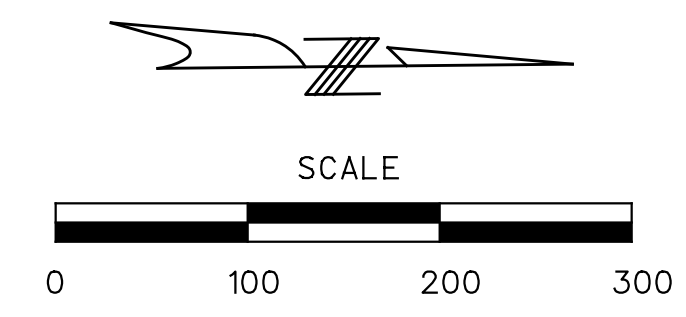
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NORTH SAPPINGTON
 ROAD PRESERVATION
 ALIGNMENT AND TIES
 SHEET 1 OF 4

PROJECT/JOB NO.
STP-5568(604)
 MSD PROJECT NO.
25MSD-00108
 MSD BASE MAP
**22L1, 22M3, 22L4,
 23M2, 23M3**
 DATE PREPARED
1/27/2026
 SHEET
22 OF 102

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



- ① N SAPPINGTON STA. 3+76.43
OAKWAY PL STA. 0+00.00
- ② N SAPPINGTON STA. 7+16.74
HAWBROOK AVE EAST STA. 3+00.00
- ③ N SAPPINGTON STA. 7+51.29
HAWBROOK AVE WEST STA. 5+00.00
- ④ N SAPPINGTON STA. 6+99.39
BEVERLY AVE STA. 7+00.00
- ⑤ N SAPPINGTON STA. 19+98.38
E ESSEX AVE EAST STA. 10+00.00
- ⑥ N SAPPINGTON STA. 20+15.39
E ESSEX AVE WEST STA. 12+00.00
- ⑦ N SAPPINGTON STA. 25+02.68
SAPPINGTON CT STA. 15+00.00
- ⑧ N SAPPINGTON STA. 25+67.10
FUHRMANN TERR STA. 18+00.00

ROUTE	CONTROL POINT	STATION	NORTHING	EASTING
N SAPPINGTON	POB	0+00.00	1,001,242.0747	852,697.8628
OAKWAY PL	POB	0+00.00	1,001,618.4824	852,701.5693
	POE	1+66.32	1,001,623.0928	852,535.3088
HAWBROOK AVE EAST	POB	3+00.00	1,001,958.7784	852,704.9018
	POE	4+75.31	1,001,957.5777	852,880.2032
HAWBROOK AVE WEST	POB	5+00.00	1,001,993.3269	852,705.2409
	POE	6+77.18	1,001,998.1635	852,528.1255
BEVERLY AVE	POB	7+00.00	1,002,593.5269	852,711.1359
	POE	9+27.42	1,002,591.6446	852,938.5492

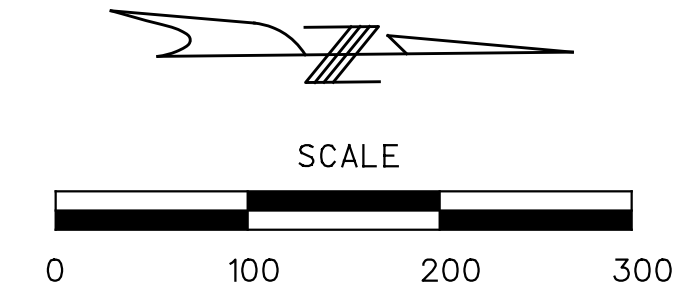
ROUTE	CONTROL POINT	STATION	NORTHING	EASTING
E ESSEX AVE EAST	POB	10+00.00	1,003,240.3533	852,717.4886
	POE	11+85.70	1,003,308.1896	852,890.3500
E ESSEX AVE WEST	POB	12+00.00	1,003,257.3625	852,717.6557
	POE	14+02.25	1,003,262.4050	852,515.4677
SAPPINGTON CT	POB	15+00.00	1,003,744.6331	852,722.4414
	POE	17+16.75	1,003,884.6146	852,887.9316
FUHRMANN TERR	POB	18+00.00	1,003,809.0484	852,723.0090
	POE	19+68.62	1,003,812.5843	852,554.4299

MATCHLINE STA 25+40

CURVE EXMORELAND_3
 PI 22+94.52
 PC 22+19.71
 PT 23+65.76
 Δ 30° 35' 24.4" (LT)
 D 20° 56' 42.5"
 L 146.05'
 T 74.81'
 R 273.55'

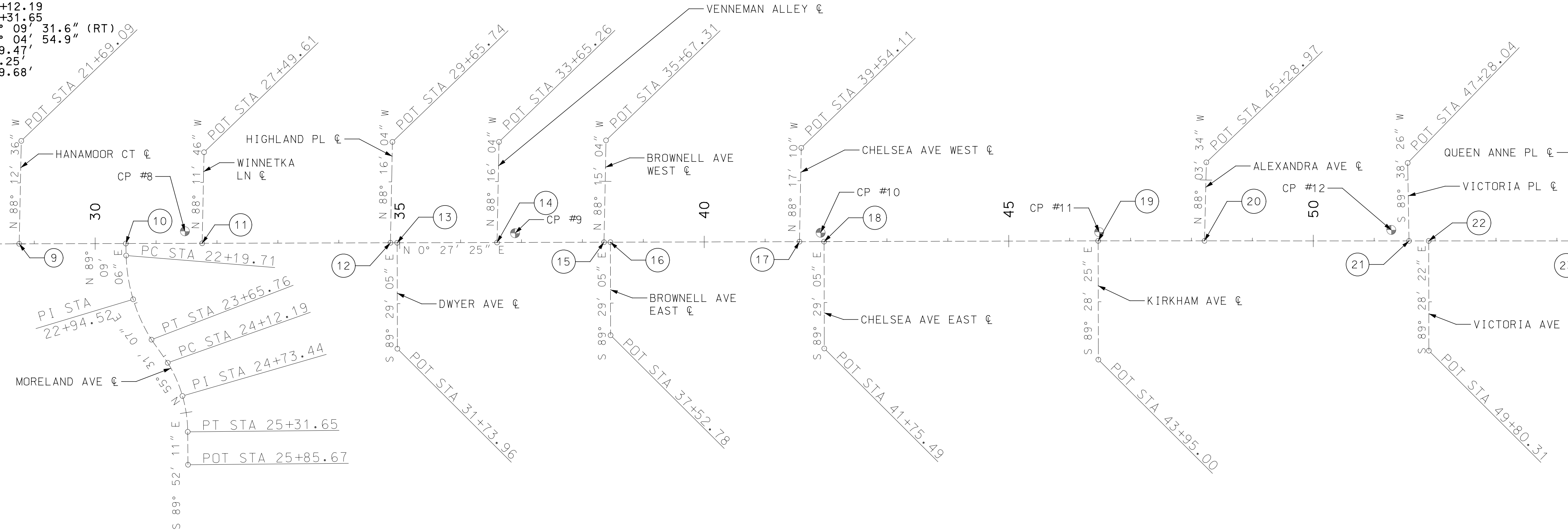
CURVE EXMORELAND_6
 PI 24+73.44
 PC 24+12.19
 PT 25+31.65
 Δ 31° 09' 31.6" (RT)
 D 26° 04' 54.9"
 L 119.47'
 T 61.25'
 R 219.68'

- 9 N SAPPINGTON STA. 28+75.23
HANAMOR CT STA. 20+00.00
- 10 N SAPPINGTON STA. 30+50.36
MORELAND AVE STA. 22+00.00
- 11 N SAPPINGTON STA. 31+75.63
WINNETKA LN STA. 26+00.00
- 12 N SAPPINGTON STA. 34+84.81
HIGHLAND PL STA. 28+00.00
- 13 N SAPPINGTON STA. 34+95.86
DWYER AVE STA. 30+00.00
- 14 N SAPPINGTON STA. 36+59.83
VENNEMAN ALLEY STA. 32+00.00
- 15 N SAPPINGTON STA. 38+35.46
BROWNELL AVE WEST STA. 34+00.00
- 16 N SAPPINGTON STA. 38+45.97
BROWNELL AVE EAST STA. 36+00.00
- 17 N SAPPINGTON STA. 41+56.39
CHELSEA AVE WEST STA. 38+00.00
- 18 N SAPPINGTON STA. 41+96.80
CHELSEA AVE EAST STA. 40+00.00
- 19 N SAPPINGTON STA. 46+46.81
KIRKHAM AVE STA. 42+00.00
- 20 N SAPPINGTON STA. 48+21.43
ALEXANDRA AVE STA. 44+00.00
- 21 N SAPPINGTON STA. 51+57.20
VICTORIA PL STA. 46+00.00
- 22 N SAPPINGTON STA. 51+89.53
VICTORIA AVE STA. 48+00.00
- 23 N SAPPINGTON STA. 54+87.94
QUEEN ANNE PL STA. 50+00.00



MATCHLINE STA 25+40

MATCHLINE STA 55+00



ROUTE	CONTROL POINT	STATION	NORTHING	EASTING
HANAMOR CT	POB	20+00.00	1,004,117.1689	852,725.4659
	POE	21+69.09	1,004,128.1545	852,558.0298
MORELAND AVE	POB	22+00.00	1,004,292.2953	852,726.8623
	PC	22+19.71	1,004,292.5872	852,746.5746
	PI	22+94.52	1,004,303.3438	852,818.5834
	PT	23+65.76	1,004,332.7145	852,885.2041
	POE	25+85.67	1,004,390.4388	853,091.1859
WINNETKA LN	POB	26+00.00	1,004,417.5650	852,727.8612
	POE	27+49.61	1,004,422.2746	852,578.3252
	POB	28+00.00	1,004,726.7331	852,730.3264
	POE	29+65.74	1,004,731.7431	852,564.6622

ROUTE	CONTROL POINT	STATION	NORTHING	EASTING
DWYER AVE	POB	30+00.00	1,004,737.7780	852,730.4145
	POE	31+73.96	1,004,736.2134	852,904.3646
VENNEMAN ALLEY	POB	32+00.00	1,004,901.7427	852,731.7219
	POE	33+65.26	1,004,906.7381	852,566.5402
BROWNELL AVE WEST	POB	34+00.00	1,005,077.3733	852,733.1224
	POE	35+67.31	1,005,082.4795	852,565.8910
BROWNELL AVE EAST	POB	36+00.00	1,005,087.8836	852,733.2062
	POE	37+52.78	1,005,086.5095	852,885.9801
CHELSEA AVE WEST	POB	38+00.00	1,005,398.2929	852,735.6813
	POE	39+54.11	1,005,402.9017	852,581.6436

ROUTE	CONTROL POINT	STATION	NORTHING	EASTING
CHELSEA AVE EAST	POB	40+00.00	1,005,438.7045	852,736.0036
	POE	41+75.49	1,005,437.1261	852,911.4846
KIRKHAM AVE	POB	42+00.00	1,005,888.6952	852,739.5917
	POE	43+95.00	1,005,886.9040	852,934.5864
ALEXANDRA AVE	POB	44+00.00	1,006,063.3093	852,741.4933
	POE	45+28.97	1,006,067.6765	852,612.6020
VICTORIA PL	POB	46+00.00	1,006,399.0506	852,745.1495
	POE	47+28.04	1,006,398.2475	852,617.1133
VICTORIA AVE	POB	48+00.00	1,006,431.3871	852,745.5016
	POE	49+80.31	1,006,429.7283	852,925.8009
QUEEN ANNE PL	POB	50+00.00	1,006,729.7799	852,748.7511
	POE	51+77.41	1,006,721.8061	852,571.5194

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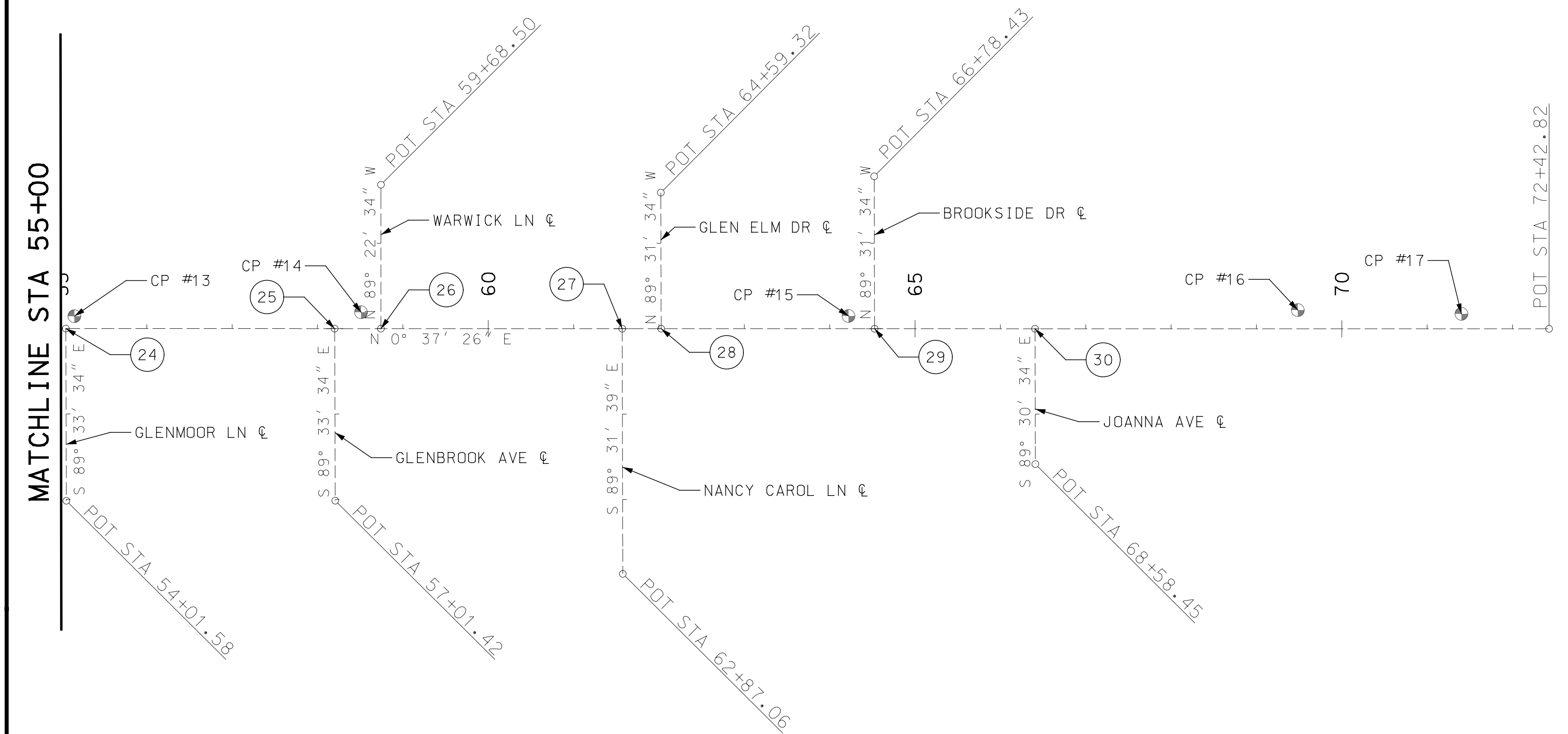
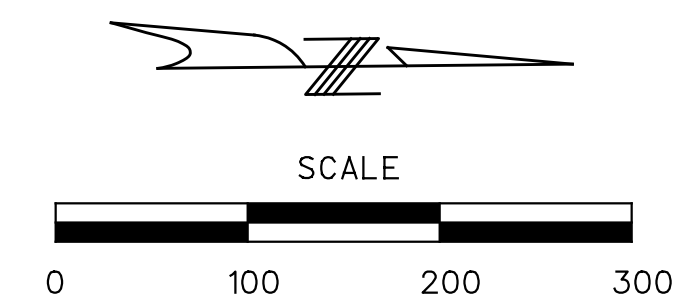
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NORTH SAPPINGTON
 ROAD PRESERVATION
 ALIGNMENT AND TIES
 SHEET 2 OF 4

PROJECT/JOB NO.
STP-5568 (604)
 MSD PROJECT NO.
25MSD-00108
 MSD BASE MAP
**22L1, 22M3, 22L4,
 23M2, 23M3**
 DATE PREPARED
1/27/2026
 SHEET
23 OF 102

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- 24 N SAPPINGTON STA. 55+05.14
GLENMOOR LN STA. 52+00.00
- 25 N SAPPINGTON STA. 58+20.14
GLENBROOK AVE STA. 55+00.00
- 26 N SAPPINGTON STA. 58+74.27
WARWICK LN STA. 58+00.00
- 27 N SAPPINGTON STA. 61+56.94
NANCY CAROL LN STA. 60+00.00
- 28 N SAPPINGTON STA. 62+02.59
GLEN ELM DR STA. 63+00.00
- 29 N SAPPINGTON STA. 64+52.60
BROOKSIDE DR STA. 65+00.00
- 30 N SAPPINGTON STA. 66+40.60
JOANNA AVE STA. 67+00.00

ROUTE	CONTROL POINT	STATION	NORTHING	EASTING
N SAPPINGTON	POE	72+42.82	1,008,484.5540	852,767.8606
GLENMOOR LN	POB	52+00.00	1,006,746.9716	852,748.9384
	POE	54+01.58	1,006,744.8264	852,953.5811
GLENBROOK AVE	POB	55+00.00	1,007,061.9529	852,752.3685
	POE	57+01.42	1,007,060.4041	852,953.7827
WARWICK LN	POB	58+00.00	1,007,116.0784	852,752.9579
	POE	59+68.50	1,007,123.1782	852,584.4679

ROUTE	CONTROL POINT	STATION	NORTHING	EASTING
NANCY CAROL LN	POB	60+00.00	1,007,398.7329	852,756.0360
	POE	62+87.06	1,007,396.3662	853,043.0902
GLEN ELM DR	POB	63+00.00	1,007,444.3875	852,756.5332
	POE	64+59.32	1,007,445.7052	852,597.2231
BROOKSIDE DR	POB	65+00.00	1,007,694.3735	852,759.2555
	POE	66+78.43	1,007,699.7678	852,582.0457
JOANNA AVE	POB	67+00.00	1,007,882.3714	852,761.3028
	POE	68+58.45	1,007,881.0146	852,919.7509

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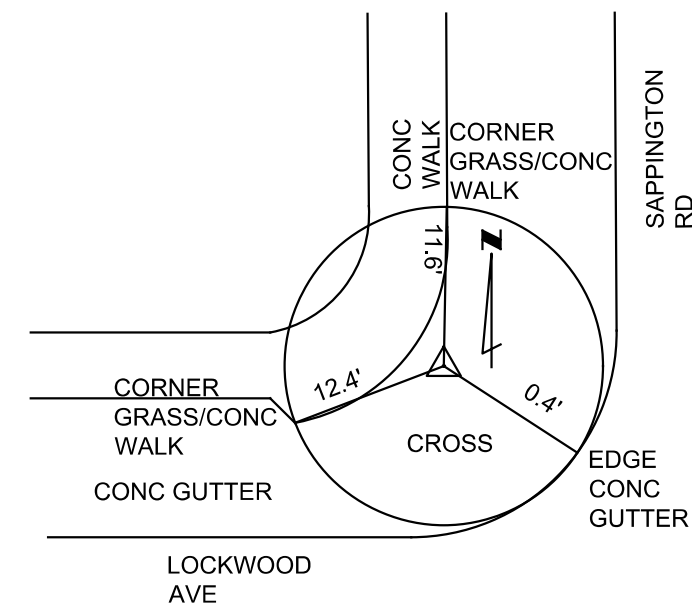
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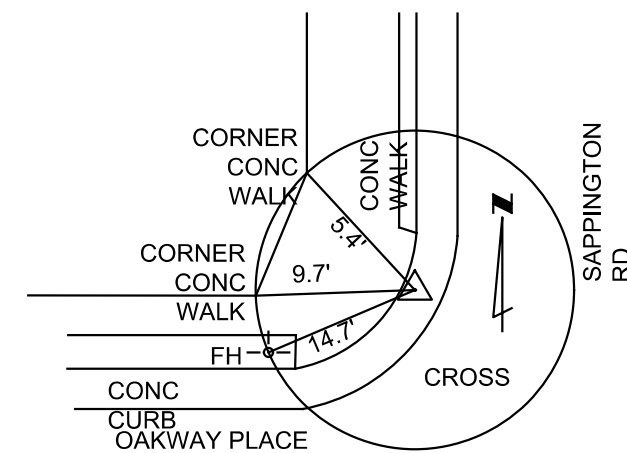
NORTH SAPPINGTON
ROAD PRESERVATION
ALIGNMENT AND TIES
SHEET 3 OF 4

PROJECT/JOB NO. STP-5568(604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 24 OF 102

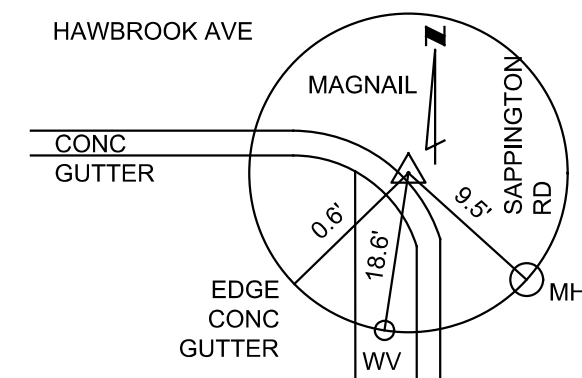
SAPPINGTON 3 POINT TIES



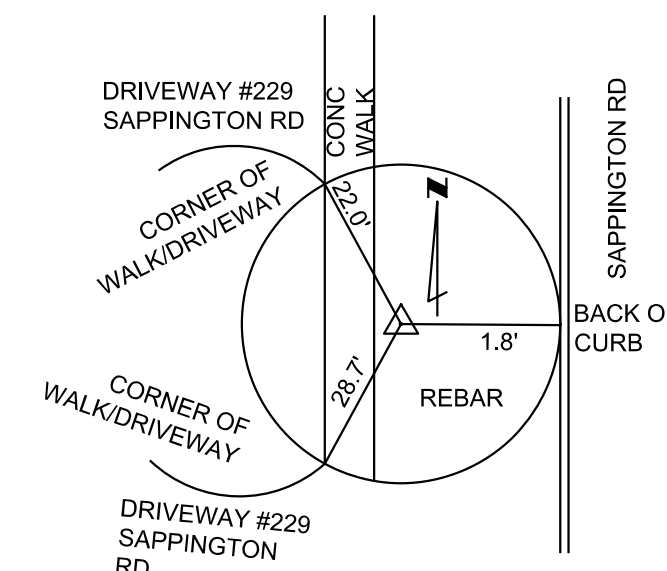
REFERENCE TIE
CONTROL POINT #1
N 1001284.023
E 852679.215
ELEV 622.14
CUT CROSS ON CONC GUTTER; NW CORNER OF INTERSECTION OF LOCKWOOD AVE & SAPPINGTON RD.



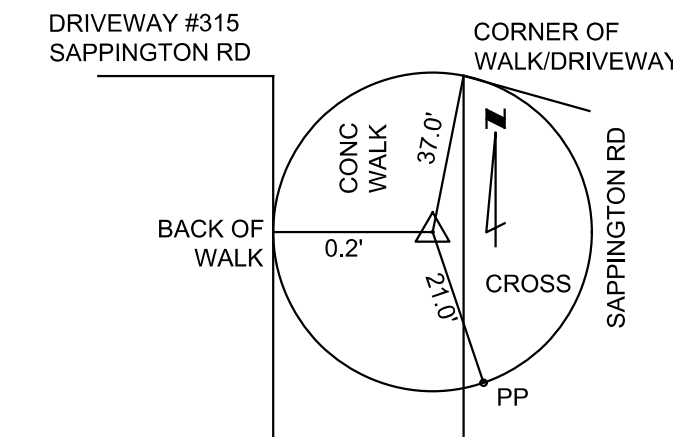
REFERENCE TIE
CONTROL POINT #2
N 1001642.054
E 852685.516
ELEV 634.07
CUT CROSS ON CONC CURB; NW CORNER OF INTERSECTION OF OAKWAY PLACE & SAPPINGTON RD.



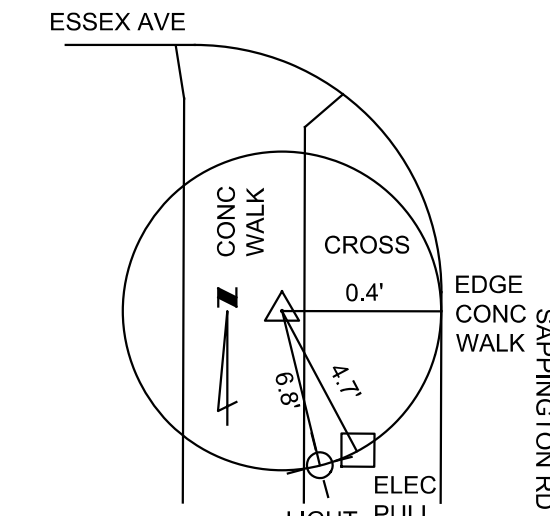
REFERENCE TIE
CONTROL POINT #3
N 1001974.681
E 852686.560
ELEV 636.73
MAGNAIL IN ASPH ROAD; BEING AT THE SW CORNER OF THE INTERSECTION OF HAWBROOK AVE & SAPPINGTON RD.



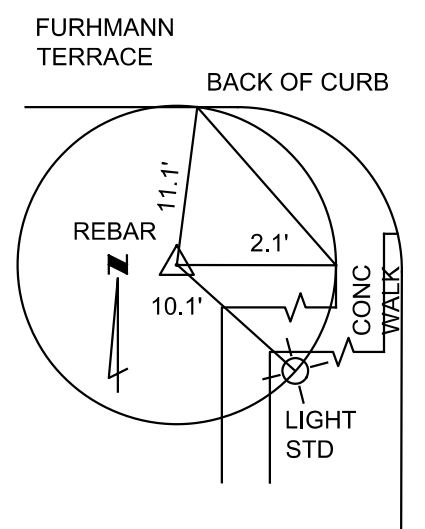
REFERENCE TIE
CONTROL POINT #4
N 1002403.524
E 852694.330
ELEV 640.77
REBAR WITH CAP IN GRASS; ON WEST SIDE OF SAPPINGTON RD, IN FRONT OF #229 SAPPINGTON RD.



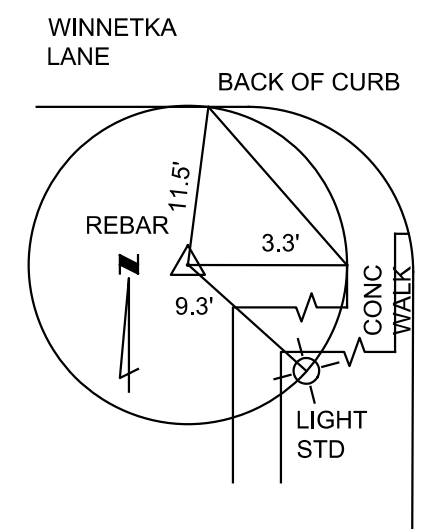
REFERENCE TIE
CONTROL POINT #5
N 1002851.875
E 852694.678
ELEV 625.71
CROSS ON CONC WALK; ON THE WEST SIDE OF SAPPINGTON RD, ALSO BEING IN FRONT OF #315 SAPPINGTON RD.



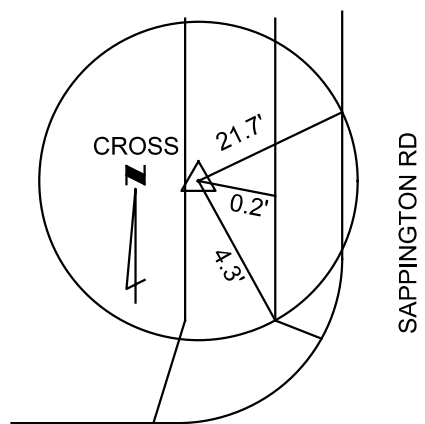
REFERENCE TIE
CONTROL POINT #6
N 1003225.337
E 852702.239
ELEV 622.24
CUT CROSS IN CONC WALK; AT SW CORNER OF THE INTERSECTION OF SAPPINGTON RD & E ESSEX AVE.



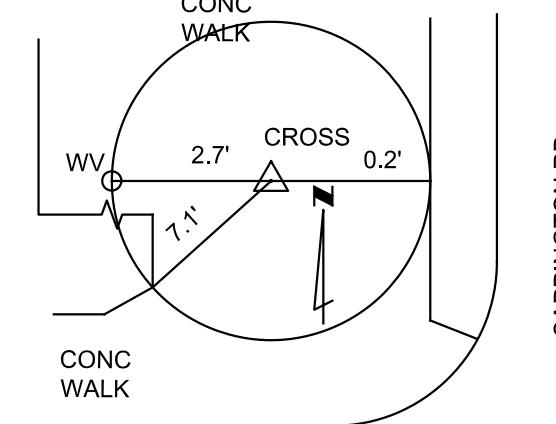
REFERENCE TIE
CONTROL POINT #7
N 1003782.948
E 852702.318
ELEV 606.48
REBAR IN GRASS; SW CORNER OF THE INTERSECTION OF FURHMANN TERRACE & SAPPINGTON RD.



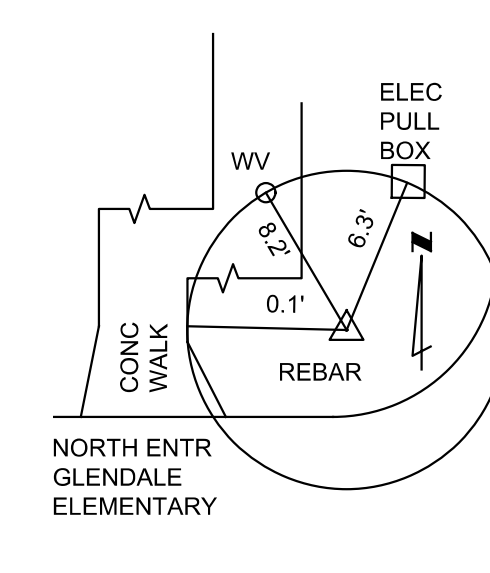
REFERENCE TIE
CONTROL POINT #8
N 1004389.485
E 852707.803
ELEV 616.76
REBAR IN GRASS; SW CORNER OF THE INTERSECTION OF WINNETKA LN & SAPPINGTON RD.



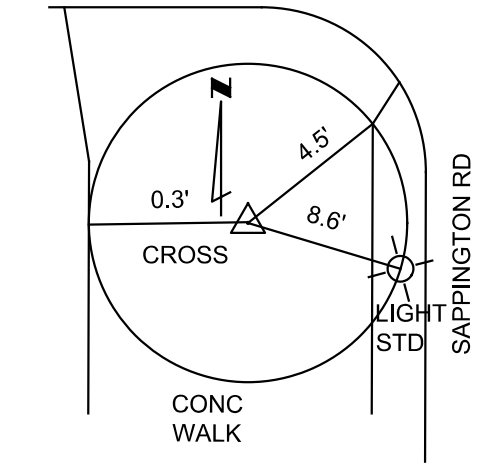
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CONTROL POINT #9
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E 852716.812
ELEV 627.93
CUT CROSS ON CONC WALK; NW CORNER OF THE INTERSECTION OF SAPPINGTON RD & VENNEMAN ALLEY.



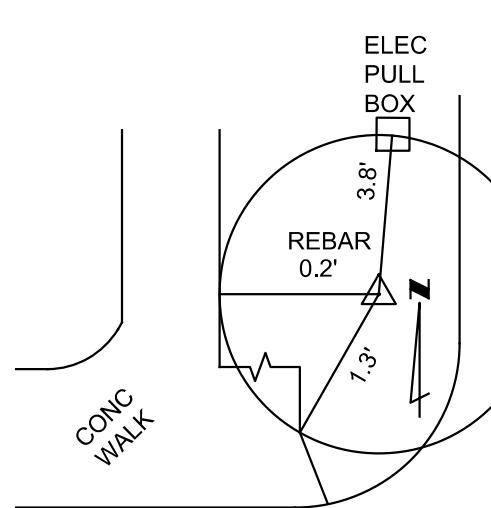
REFERENCE TIE
CONTROL POINT #10
N 1005433.135
E 852721.328
ELEV 625.93
CUT CROSS ON CONC WALK; NW CORNER OF THE INTERSECTION OF SAPPINGTON RD & CHELSEA AVE.



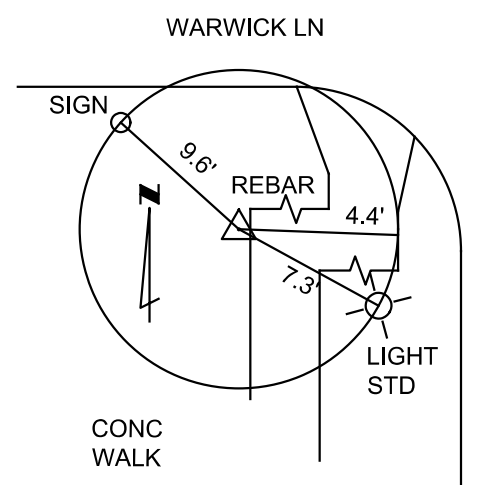
REFERENCE TIE
CONTROL POINT #11
N 1005890.577
E 852725.240
ELEV 615.39
REBAR IN GRASS; NW CORNER OF THE INTERSECTION OF NORTH ENTRANCE OF GLENDALE ELEMENTARY & SAPPINGTON RD.



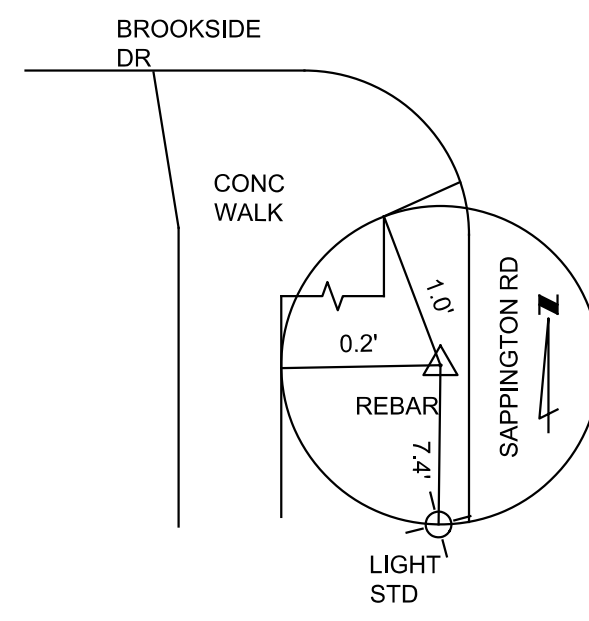
REFERENCE TIE
CONTROL POINT #12
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E 852726.747
ELEV 605.03
CROSS ON CONC WALK; SW CORNER OF THE INTERSECTION OF VICTORIA PL & SAPPINGTON RD.



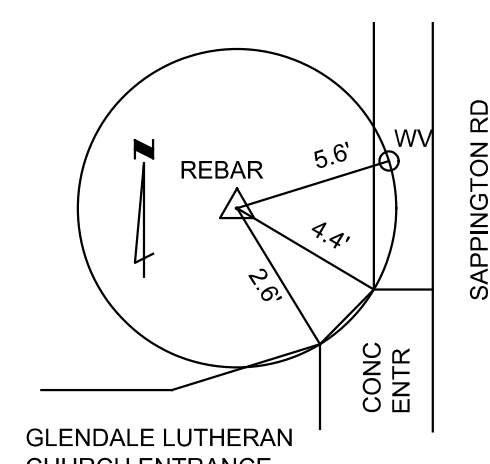
REFERENCE TIE
CONTROL POINT #13
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E 852734.510
ELEV 594.05
REBAR IN GRASS; NW CORNER OF THE INTERSECTION OF SAPPINGTON RD & QUEEN ANNE PL.



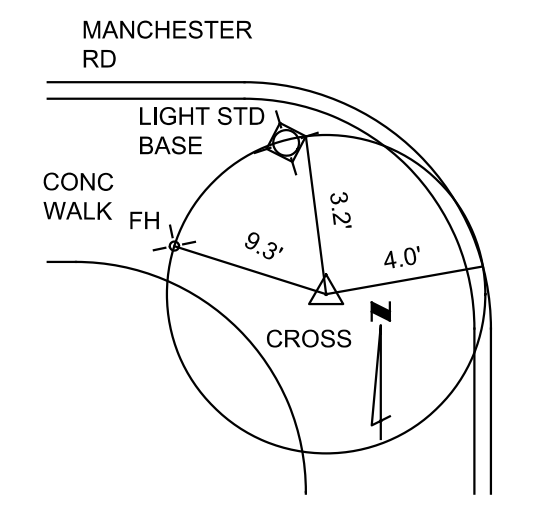
REFERENCE TIE
CONTROL POINT #14
N 1007092.985
E 852733.508
ELEV 589.52
REBAR IN GRASS; SW CORNER OF THE INTERSECTION OF SAPPINGTON RD & WARWICK LN.



REFERENCE TIE
CONTROL POINT #15
N 1007663.982
E 852744.010
ELEV 594.33
REBAR IN GRASS; SW CORNER OF THE INTERSECTION OF SAPPINGTON RD & BROOKSIDE DR.



REFERENCE TIE
CONTROL POINT #16
N 1008190.385
E 852742.787
ELEV 582.10
REBAR IN GRASS; NW CORNER OF THE INTERSECTION OF SAPPINGTON RD & GLENDALE LUTHERAN CHURCH ENTRANCE.



REFERENCE TIE
CONTROL POINT #17
N 1008382.027
E 852749.178
ELEV 575.48
CUT CROSS ON CONC WALK; SW CORNER OF INTERSECTION OF SAPPINGTON RD AND MANCHESTER RD.

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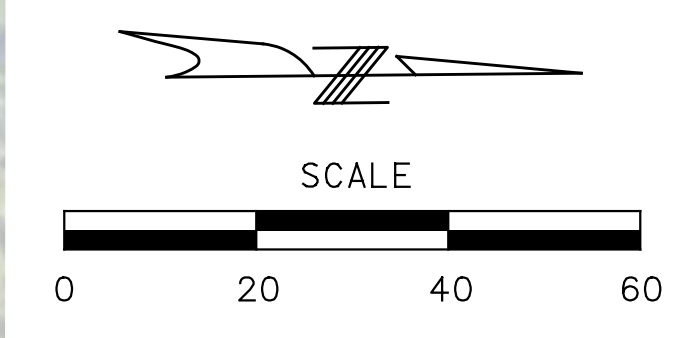
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NORTH SAPPINGTON ROAD PRESERVATION
ALIGNMENT AND TIES
SHEET 4 OF 4

PROJECT/JOB NO. STP-5568 (604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 25 OF 102



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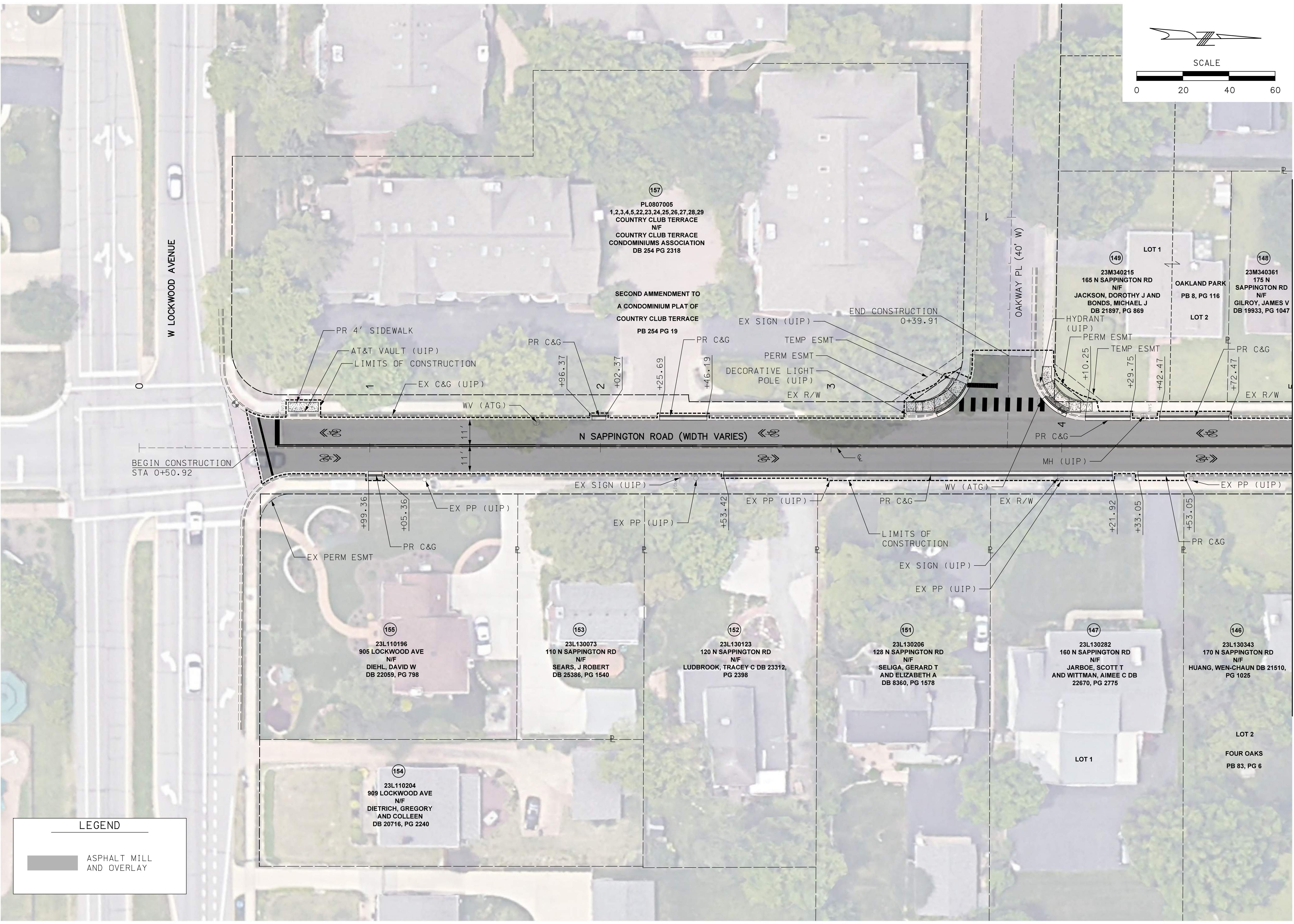
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NORTH SAPPINGTON ROAD PRESERVATION
 PLAN SHEETS
 SHEET 1 OF 14

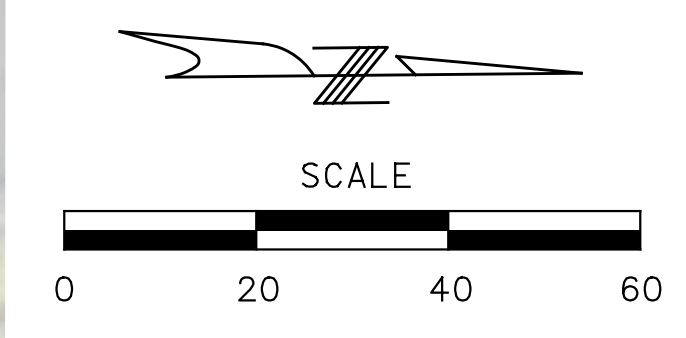
PROJECT/JOB NO.
STP-5568 (604)
 MSD PROJECT NO.
25MSD-00108
 MSD BASE MAP
22L1, 22M3, 22L4, 23M2, 23M3
 DATE PREPARED
1/27/2026
 SHEET
26 OF 102

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 [Grey Box] ASPHALT MILL AND OVERLAY

MATCH LINE STA 5+00



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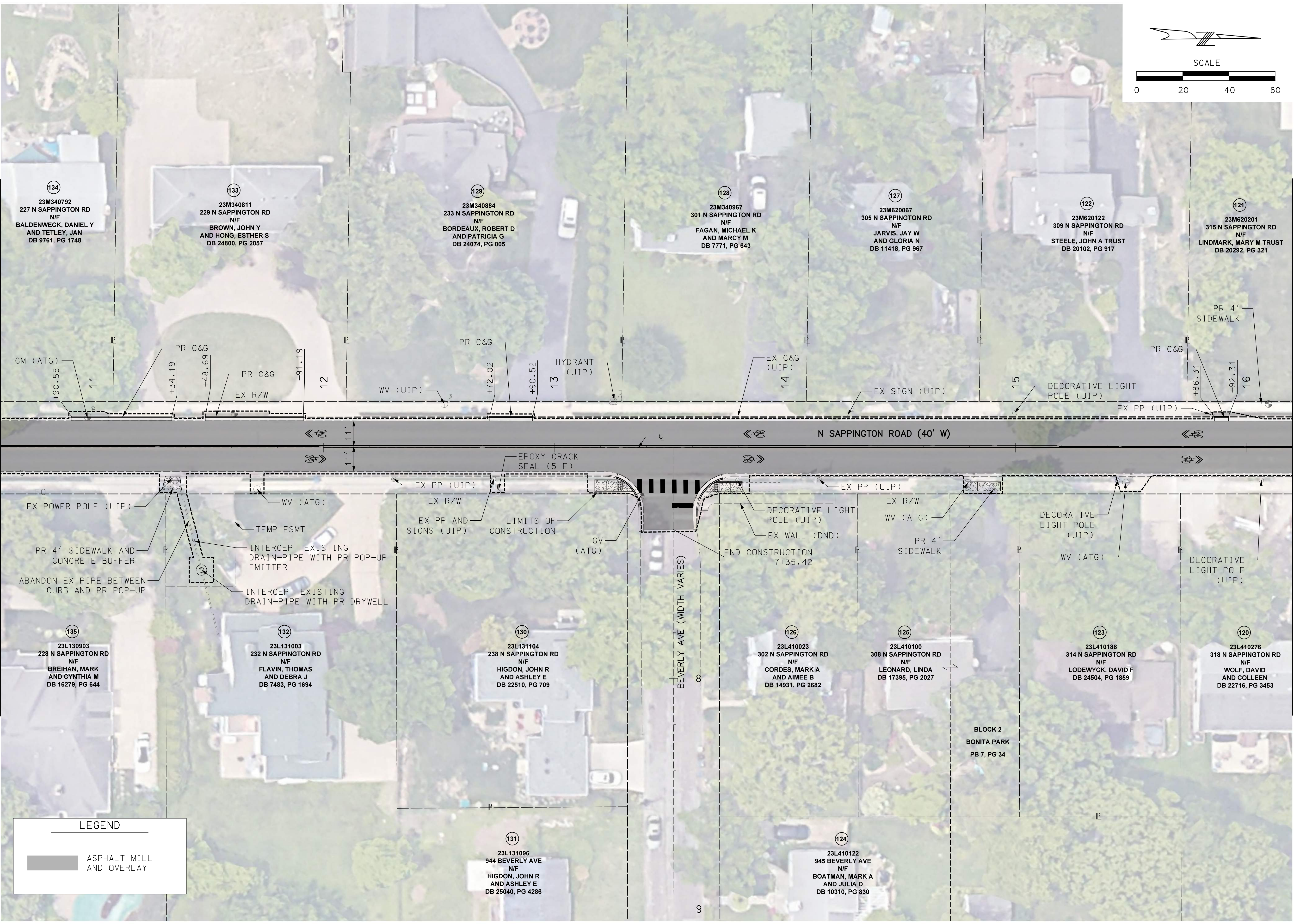
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NORTH SAPPINGTON ROAD PRESERVATION
PLAN SHEETS
SHEET 3 OF 14

PROJECT/JOB NO. STP-5568 (604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 28 OF 102

MATCHLINE STA 10+60

MATCHLINE STA 16+20



134
 23M340792
 227 N SAPPINGTON RD
 N/F
 BALDENWECK, DANIEL Y
 AND TETLEY, JAN
 DB 9761, PG 1748

133
 23M340811
 229 N SAPPINGTON RD
 N/F
 BROWN, JOHN Y
 AND HONG, ESTHER S
 DB 24800, PG 2057

129
 23M340884
 233 N SAPPINGTON RD
 N/F
 BORDEAUX, ROBERT D
 AND PATRICIA G
 DB 24074, PG 005

128
 23M340967
 301 N SAPPINGTON RD
 N/F
 FAGAN, MICHAEL K
 AND MARCY M
 DB 7771, PG 643

127
 23M620067
 305 N SAPPINGTON RD
 N/F
 JARVIS, JAY W
 AND GLORIA N
 DB 11418, PG 967

122
 23M620122
 309 N SAPPINGTON RD
 N/F
 STEELE, JOHN A TRUST
 DB 20102, PG 917

121
 23M620201
 315 N SAPPINGTON RD
 N/F
 LINDMARK, MARY M TRUST
 DB 20292, PG 321

135
 23L130903
 228 N SAPPINGTON RD
 N/F
 BREIHAN, MARK
 AND CYNTHIA M
 DB 16279, PG 644

132
 23L131003
 232 N SAPPINGTON RD
 N/F
 FLAVIN, THOMAS
 AND DEBRA J
 DB 7483, PG 1694

130
 23L131104
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 N/F
 HIGDON, JOHN R
 AND ASHLEY E
 DB 22510, PG 709

126
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 302 N SAPPINGTON RD
 N/F
 CORDES, MARK A
 AND AIMEE B
 DB 14931, PG 2682

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 N/F
 LEONARD, LINDA
 DB 17395, PG 2027

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 LODEWYCK, DAVID F
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 AND COLLEEN
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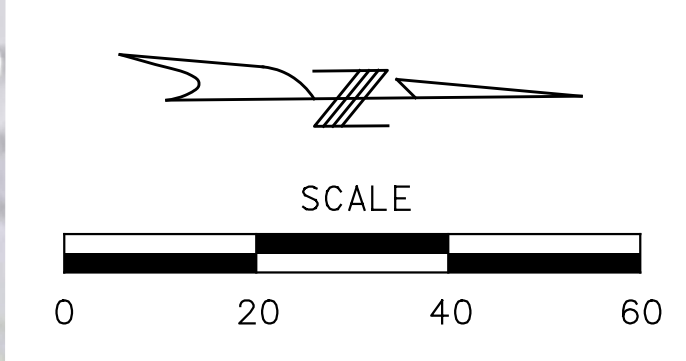
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 AND ASHLEY E
 DB 25040, PG 4286

124
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 945 BEVERLY AVE
 N/F
 BOATMAN, MARK A
 AND JULIA D
 DB 10310, PG 830

LEGEND

	ASPHALT MILL AND OVERLAY
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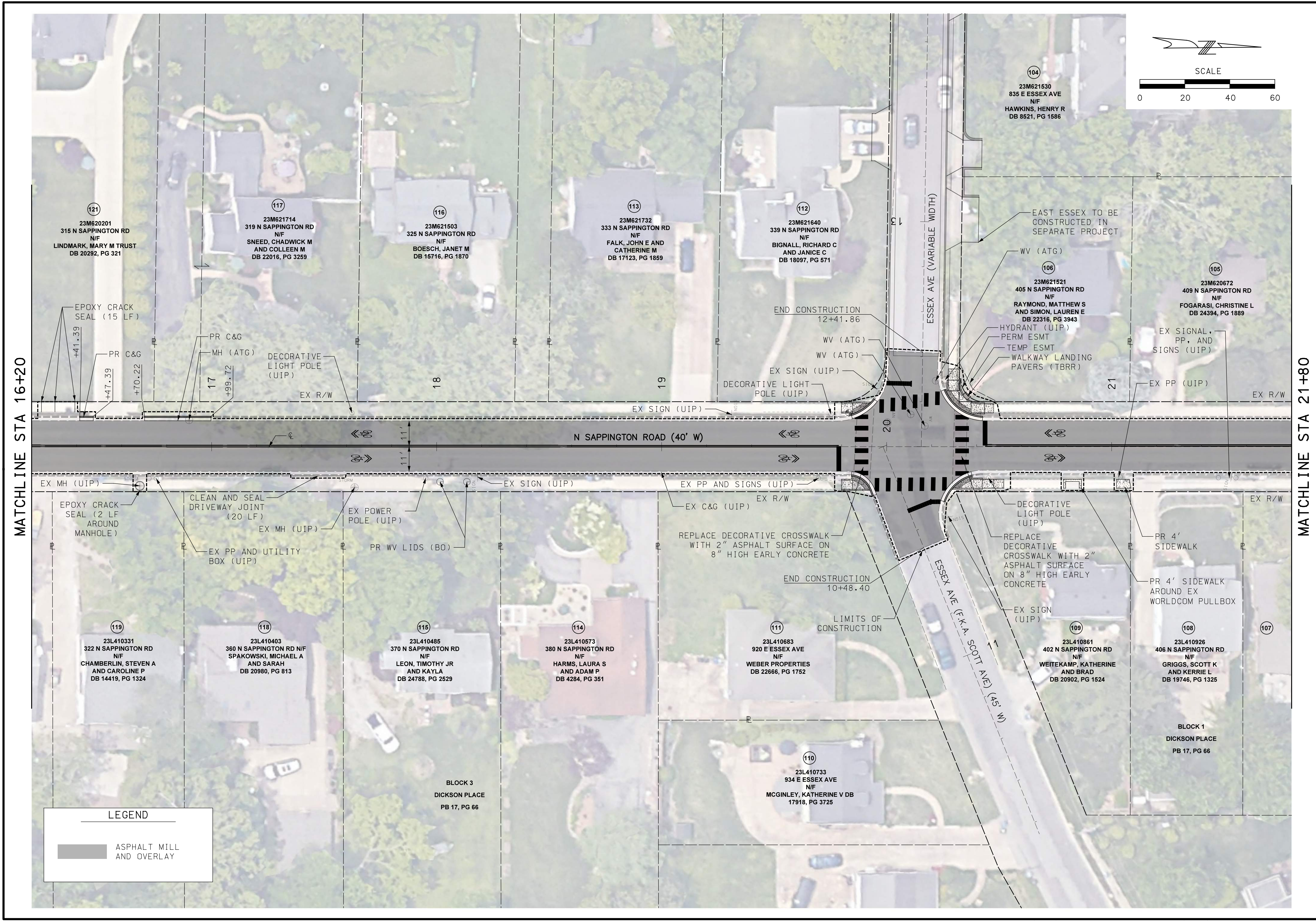
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NORTH SAPPINGTON ROAD PRESERVATION
 PLAN SHEETS
 SHEET 4 OF 14

PROJECT/JOB NO.
STP-5568 (604)
 MSD PROJECT NO.
25MSD-00108
 MSD BASE MAP
22L1, 22M3, 22L4, 23M2, 23M3
 DATE PREPARED
1/27/2026
 SHEET
29 OF 102

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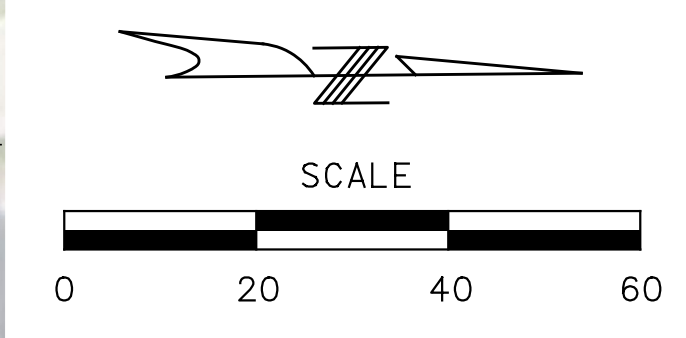


LEGEND

	ASPHALT MILL AND OVERLAY
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MATCHLINE STA 16+20

MATCHLINE STA 21+80



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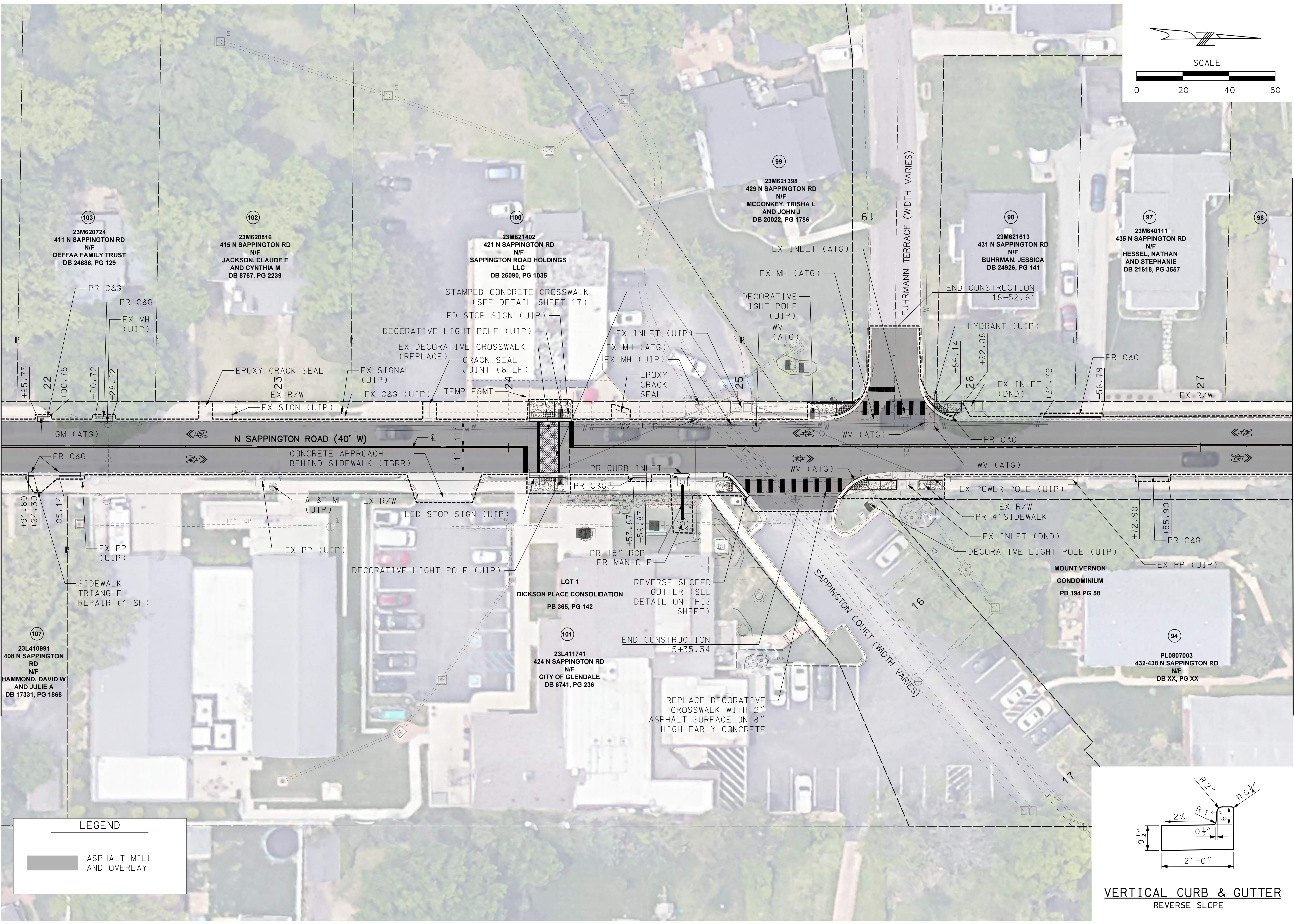
NORTH SAPPINGTON ROAD PRESERVATION
 PLAN SHEETS
 SHEET 5 OF 14

PROJECT/JOB NO.
STP-5568 (604)
 MSD PROJECT NO.
25MSD-00108
 MSD BASE MAP
22L1, 22M3, 22L4, 23M2, 23M3
 DATE PREPARED
1/27/2026
 SHEET
30 OF 102

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

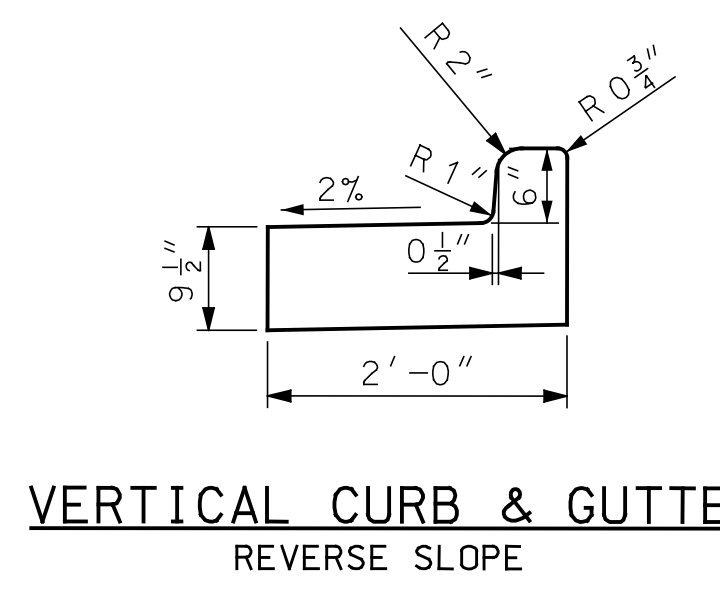
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MATCHLINE STA 27+40

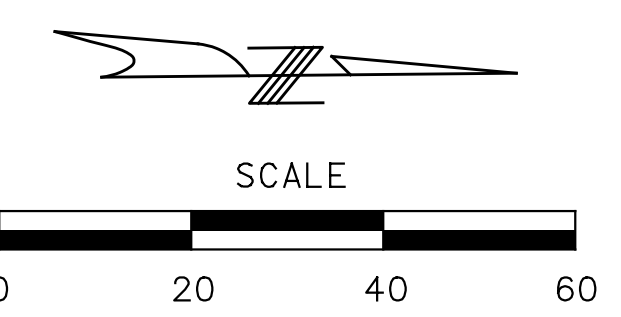


LEGEND

	ASPHALT MILL AND OVERLAY
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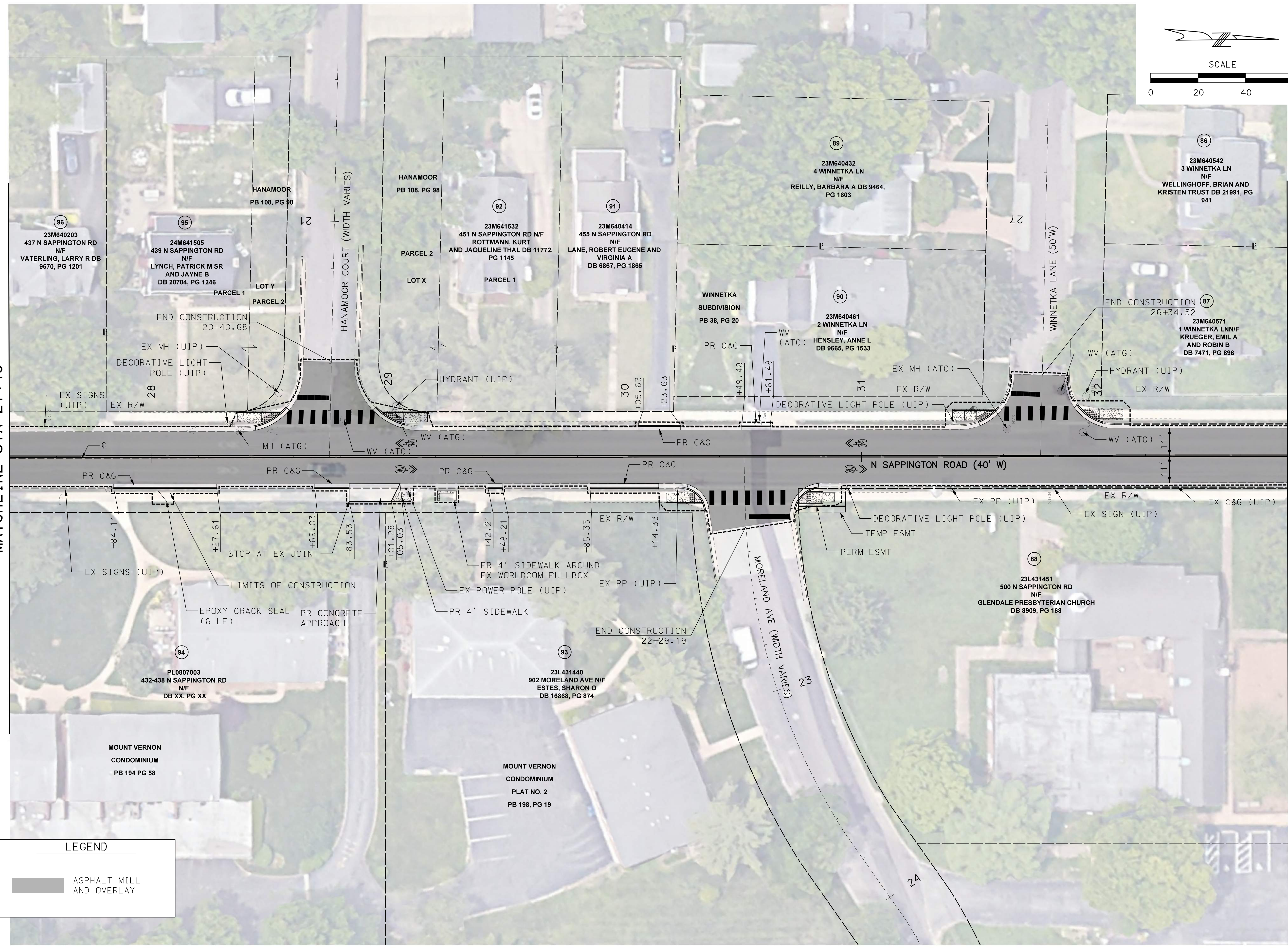


VERTICAL CURB & GUTTER
 REVERSE SLOPE



MATCHLINE STA 27+40

MATCHLINE STA 32+80



LEGEND	
	ASPHALT MILL AND OVERLAY

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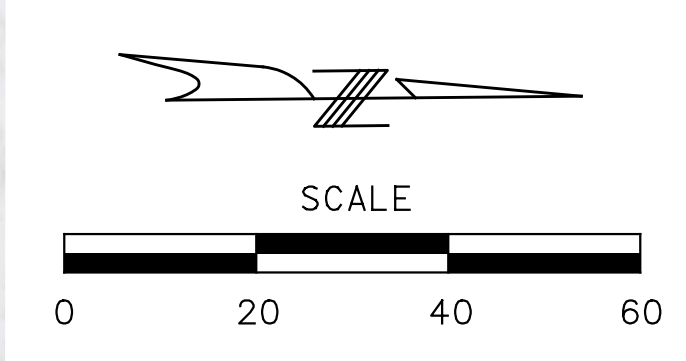
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NORTH SAPPINGTON ROAD PRESERVATION
PLAN SHEETS
SHEET 6 OF 14

PROJECT/JOB NO.	STP-5568 (604)
MSD PROJECT NO.	25MSD-00108
MSD BASE MAP	22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED	1/27/2026
SHEET	31 OF 102

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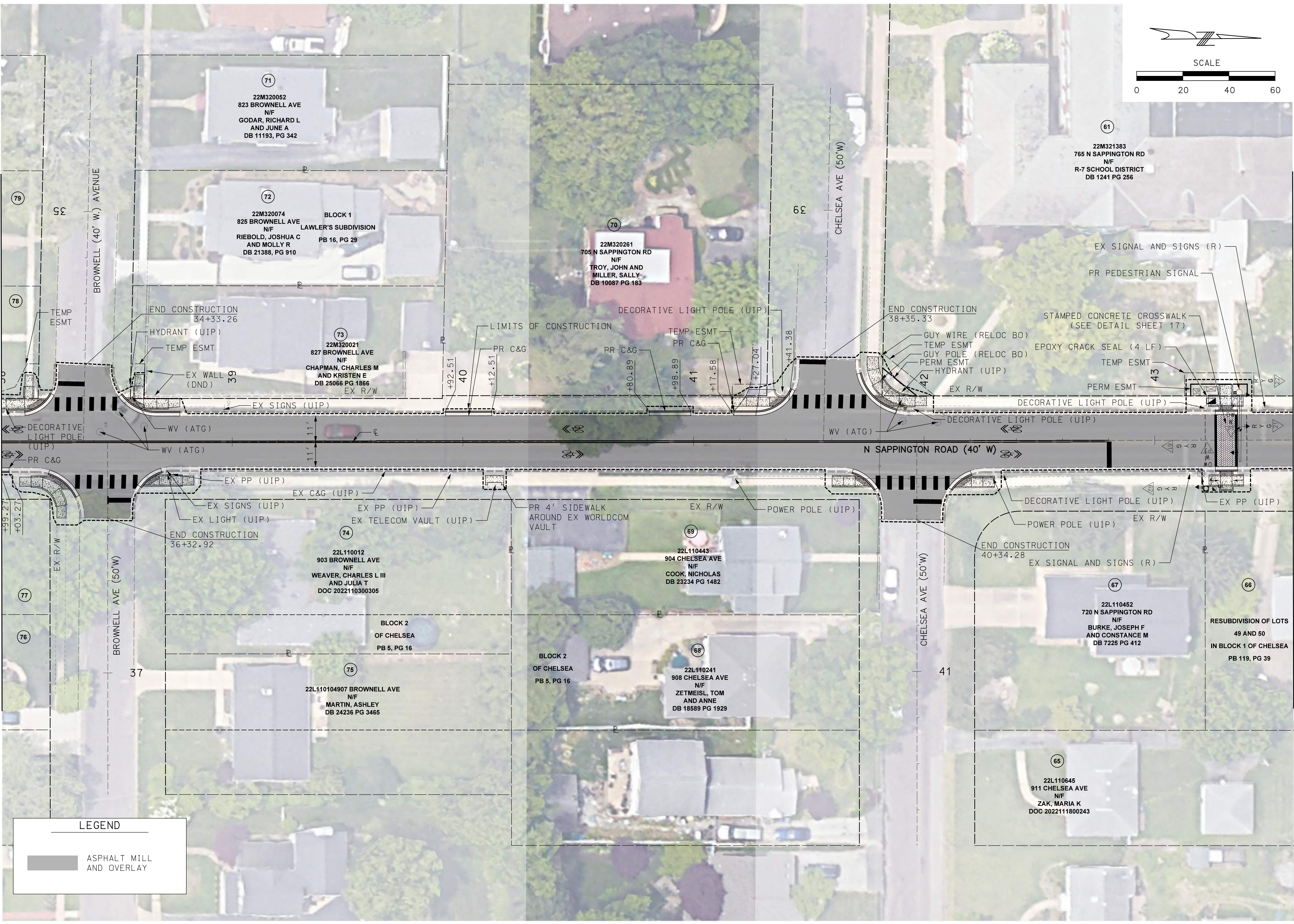
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NORTH SAPPINGTON ROAD PRESERVATION
 PLAN SHEETS
 SHEET 8 OF 14

PROJECT/JOB NO. STP-5568 (604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 33 OF 102

MATCHLINE STA 38+00

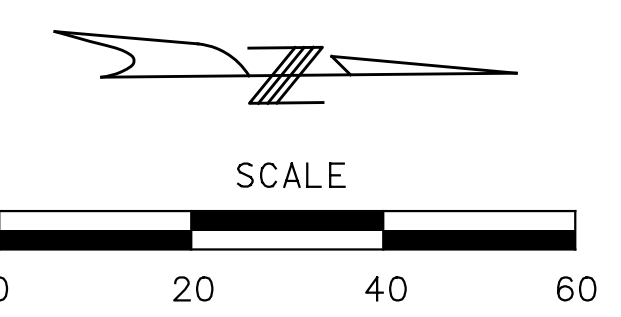
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LEGEND

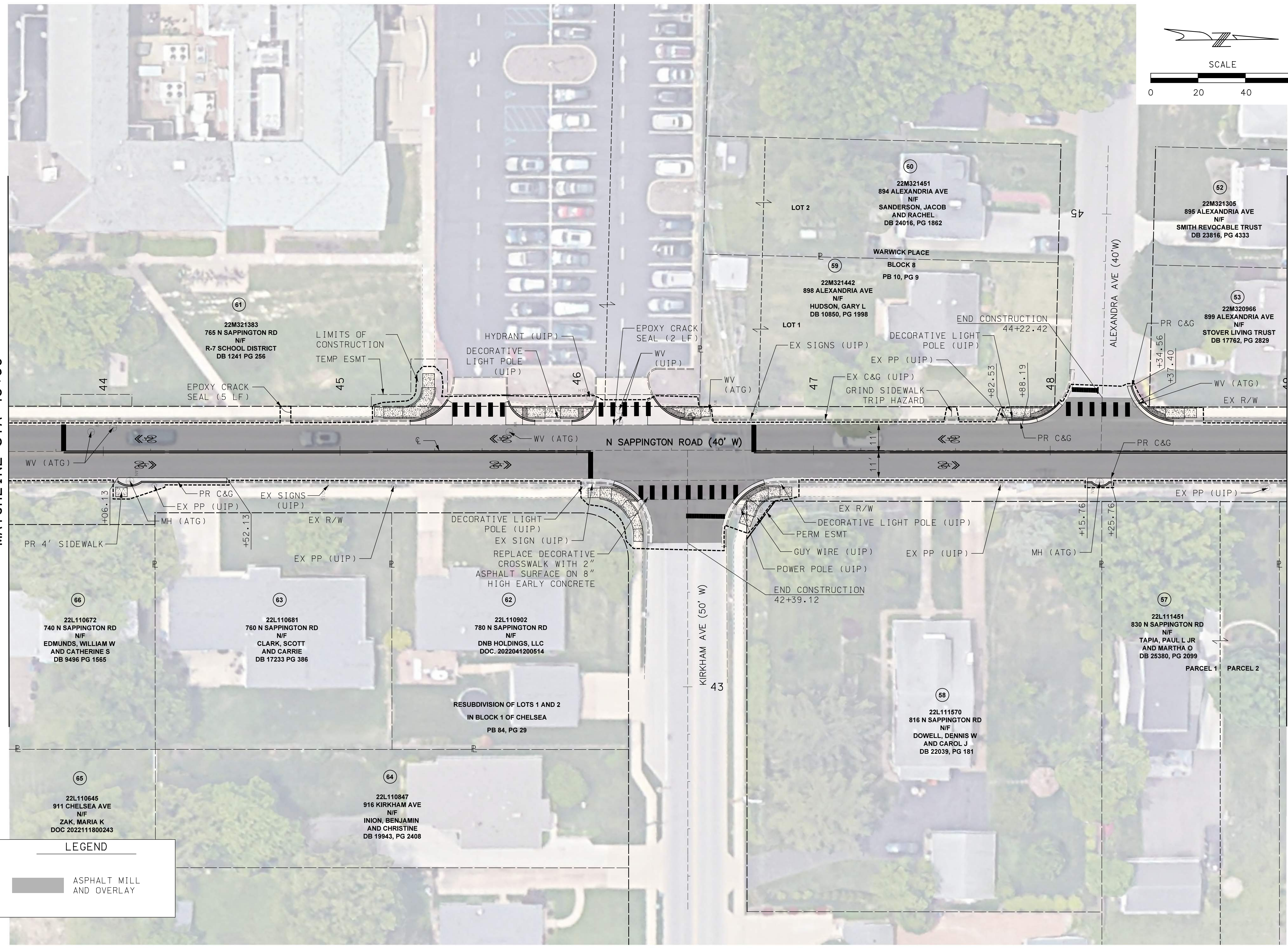
	ASPHALT MILL AND OVERLAY
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MATCHLINE STA 43+60

MATCHLINE STA 49+00



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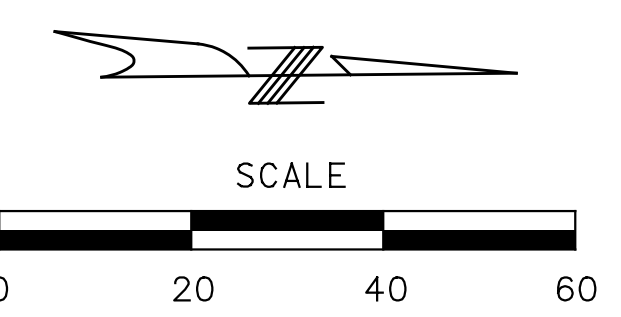
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PLAN SHEETS
SHEET 9 OF 14

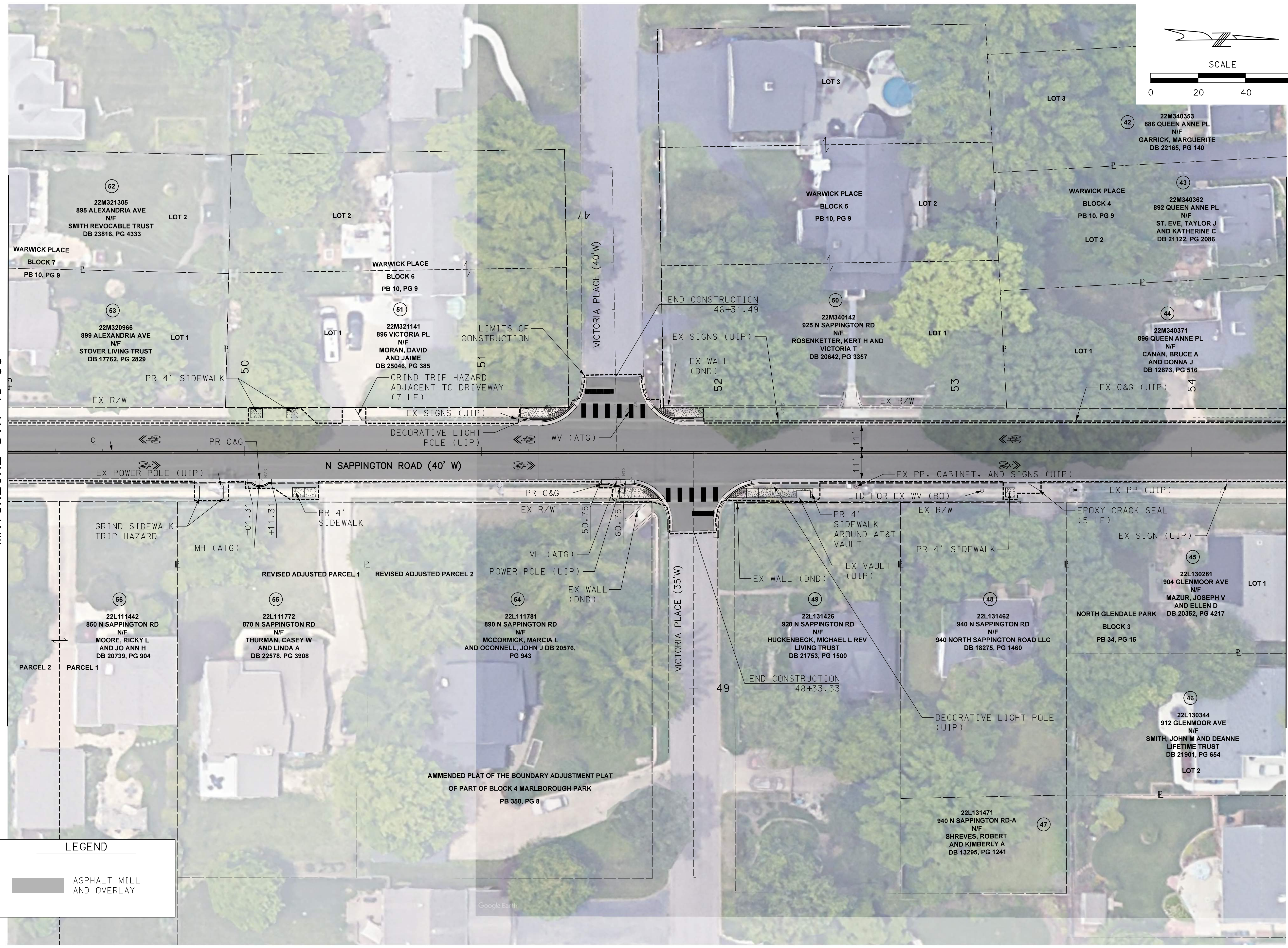
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MSD PROJECT NO.	25MSD-00108
MSD BASE MAP	22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED	1/27/2026
SHEET	34 OF 102

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MATCHLINE STA 54+00



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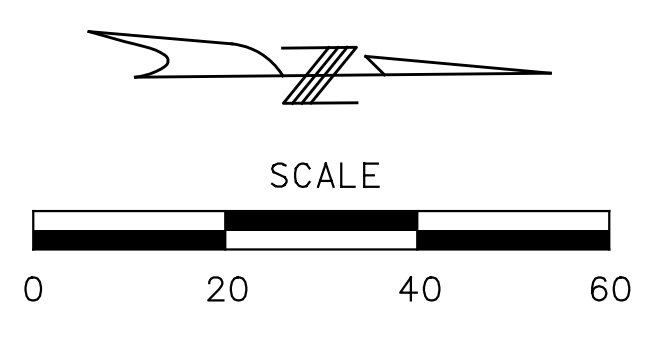
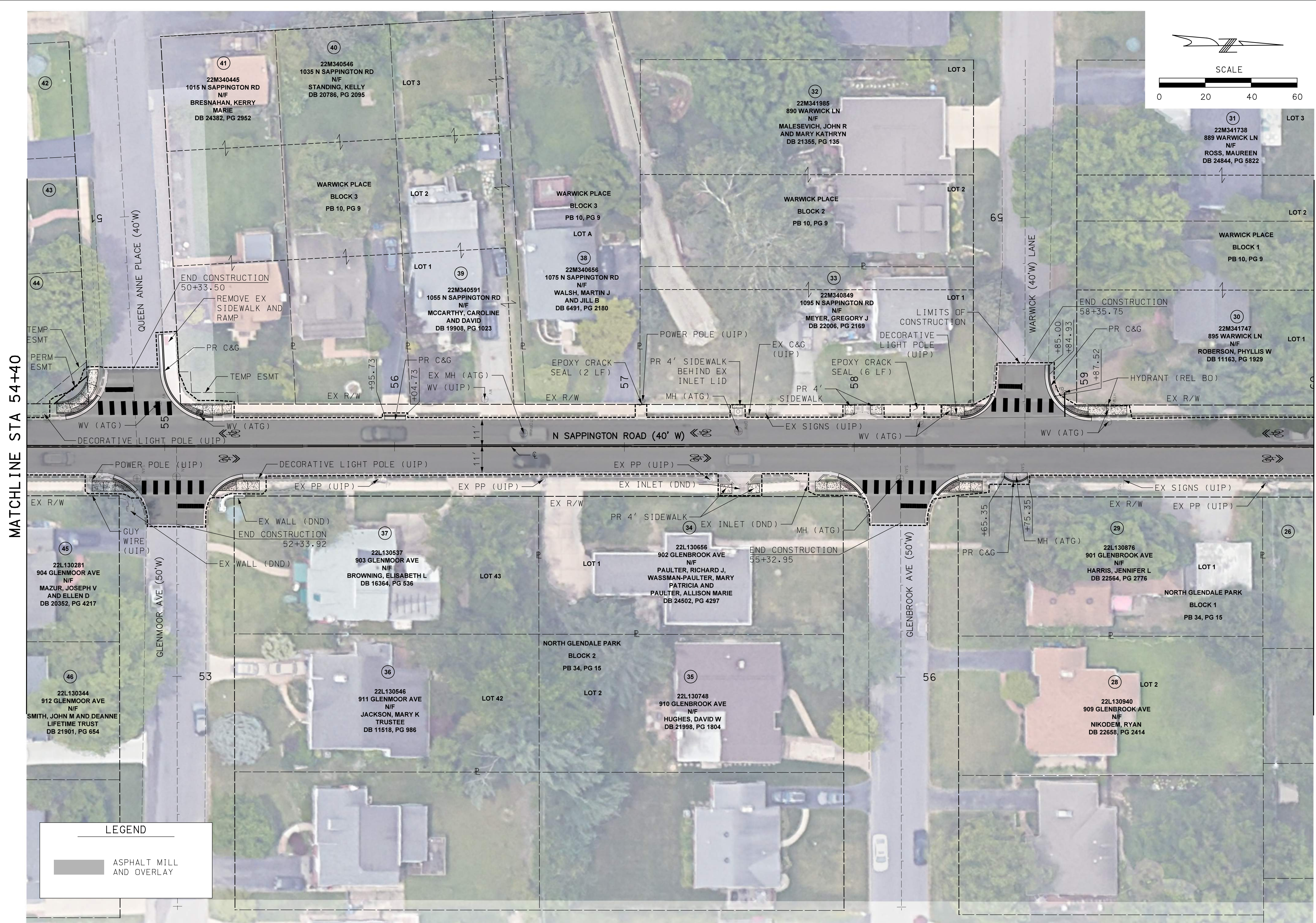
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NORTH SAPPINGTON ROAD PRESERVATION
PLAN SHEETS
SHEET 10 OF 14

PROJECT/JOB NO.	STP-5568(604)
MSD PROJECT NO.	25MSD-00108
MSD BASE MAP	22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED	1/27/2026
SHEET	35 OF 102

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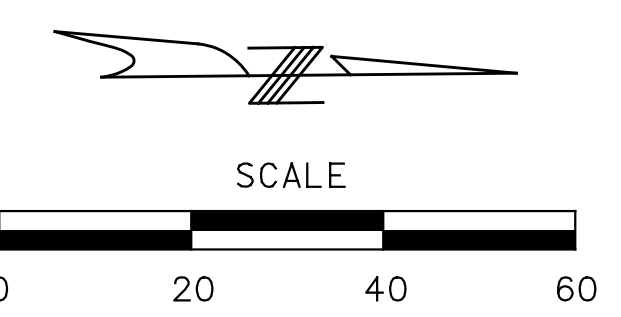
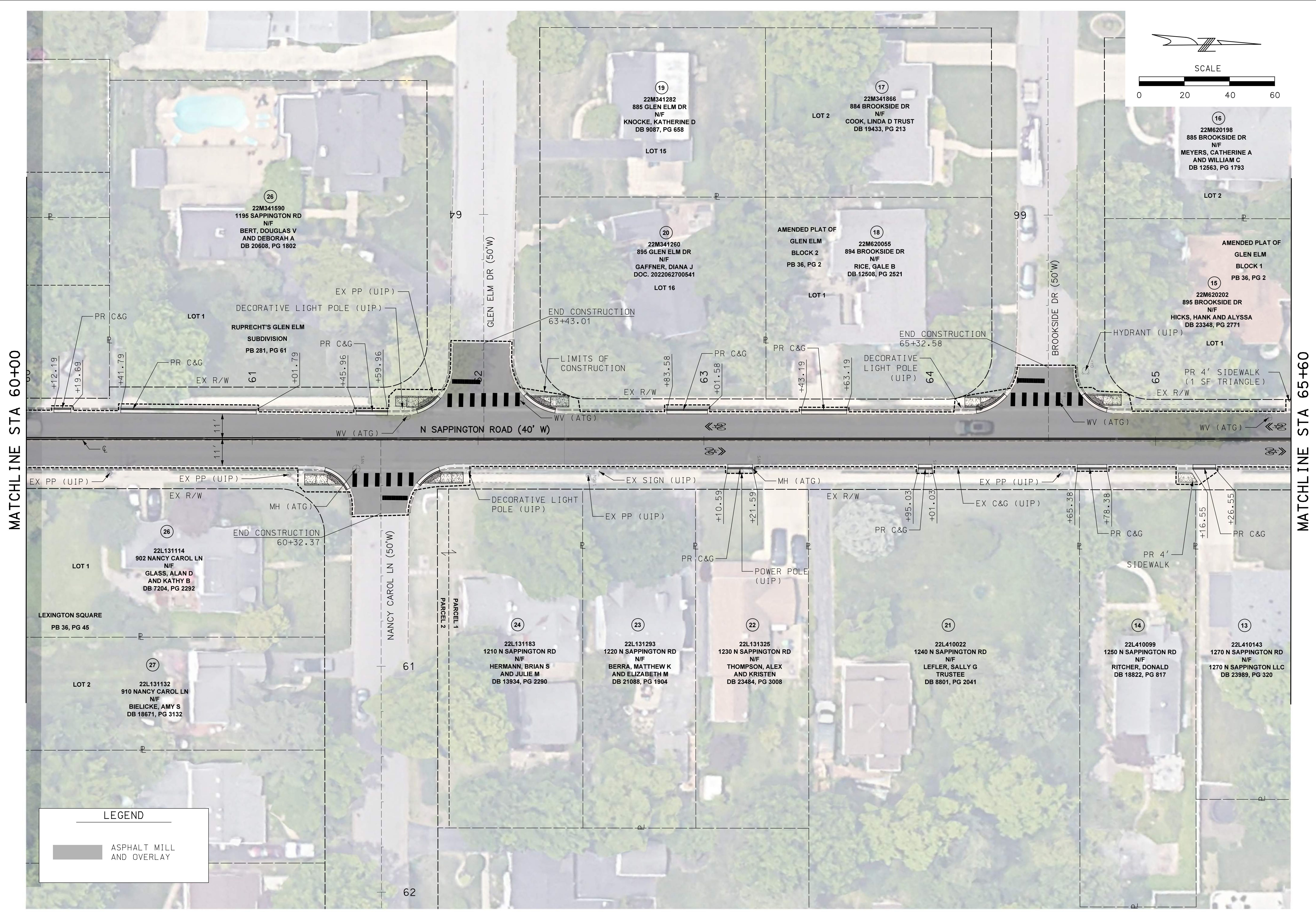
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NORTH SAPPINGTON ROAD PRESERVATION
 PLAN SHEETS
 SHEET 11 OF 14

PROJECT/JOB NO. STP-5568(604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 36 OF 102

LOCHMUELLER PROJECT NO. 522-0044 1/27/2026 10:07:12 PM



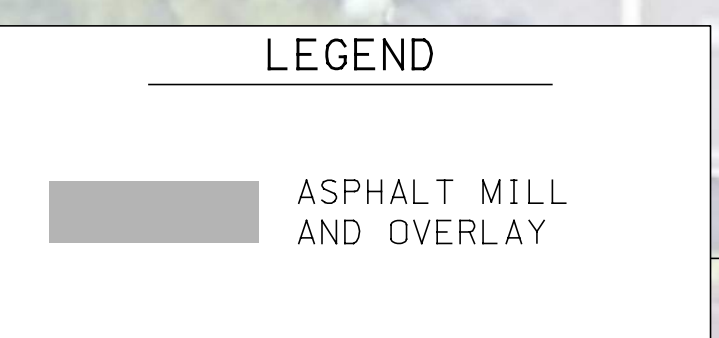
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NORTH SAPPINGTON ROAD PRESERVATION
 PLAN SHEETS
 SHEET 12 OF 14

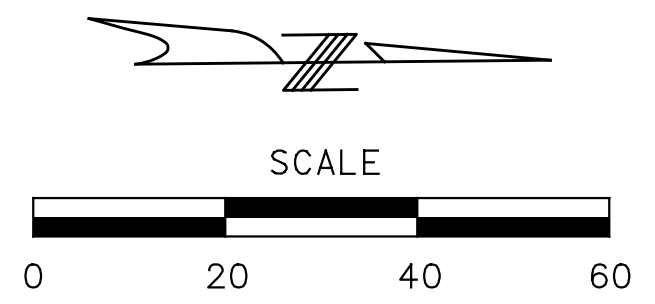
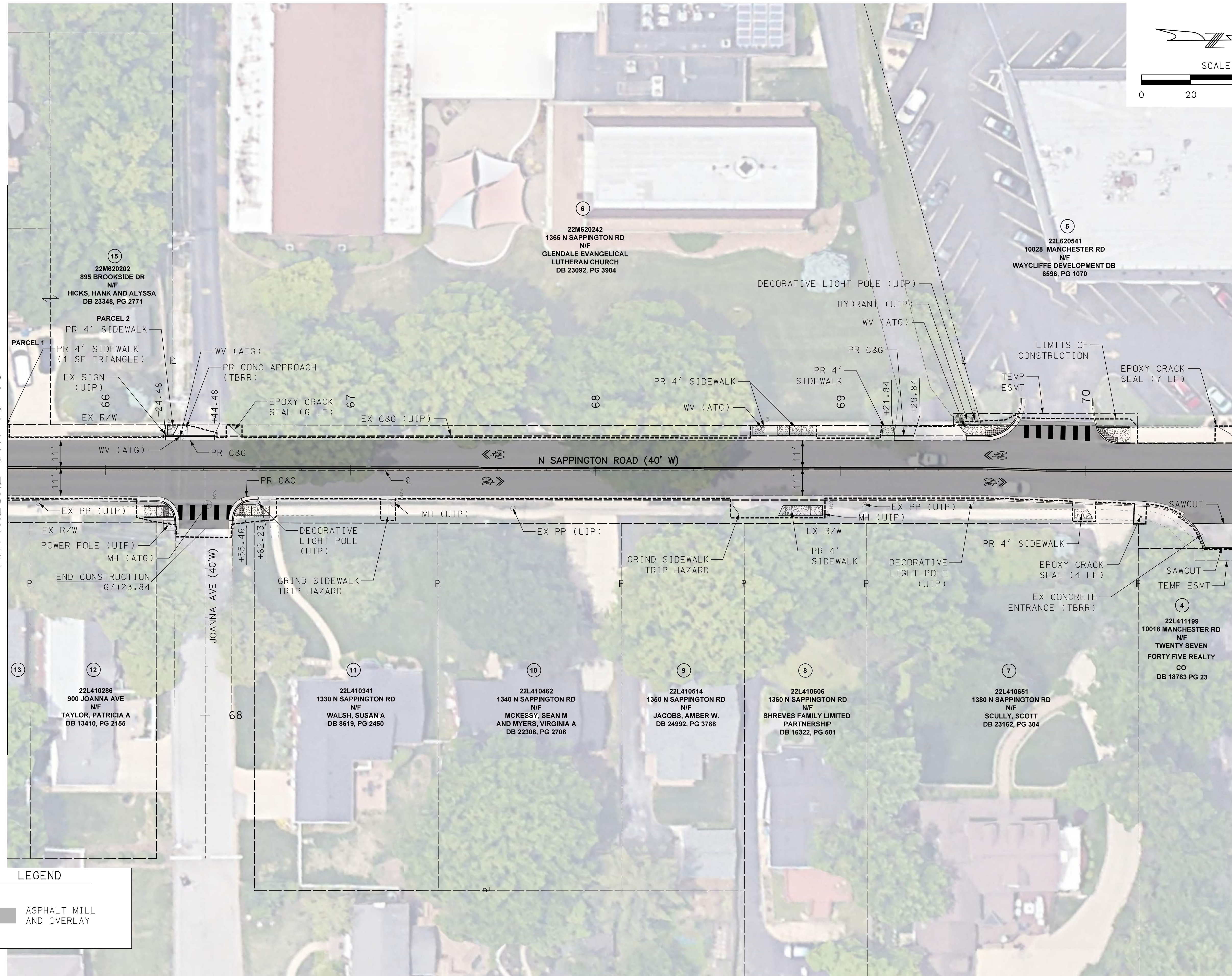
PROJECT/JOB NO.
STP-5568 (604)
 MSD PROJECT NO.
25MSD-00108
 MSD BASE MAP
22L1, 22M3, 22L4, 23M2, 23M3
 DATE PREPARED
1/27/2026
 SHEET
37 OF 102



MATCHLINE STA 60+00

MATCHLINE STA 65+60

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MATCHLINE STA 65+60

MATCHLINE STA 70+60

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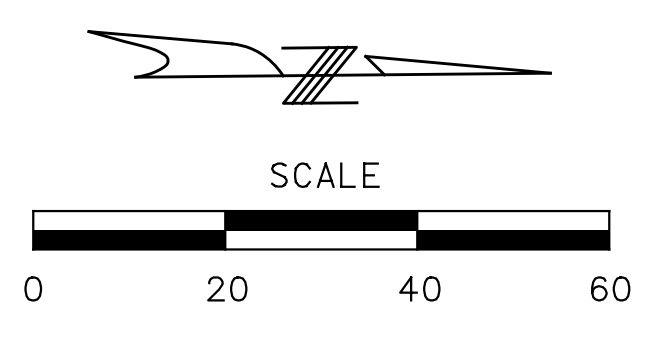
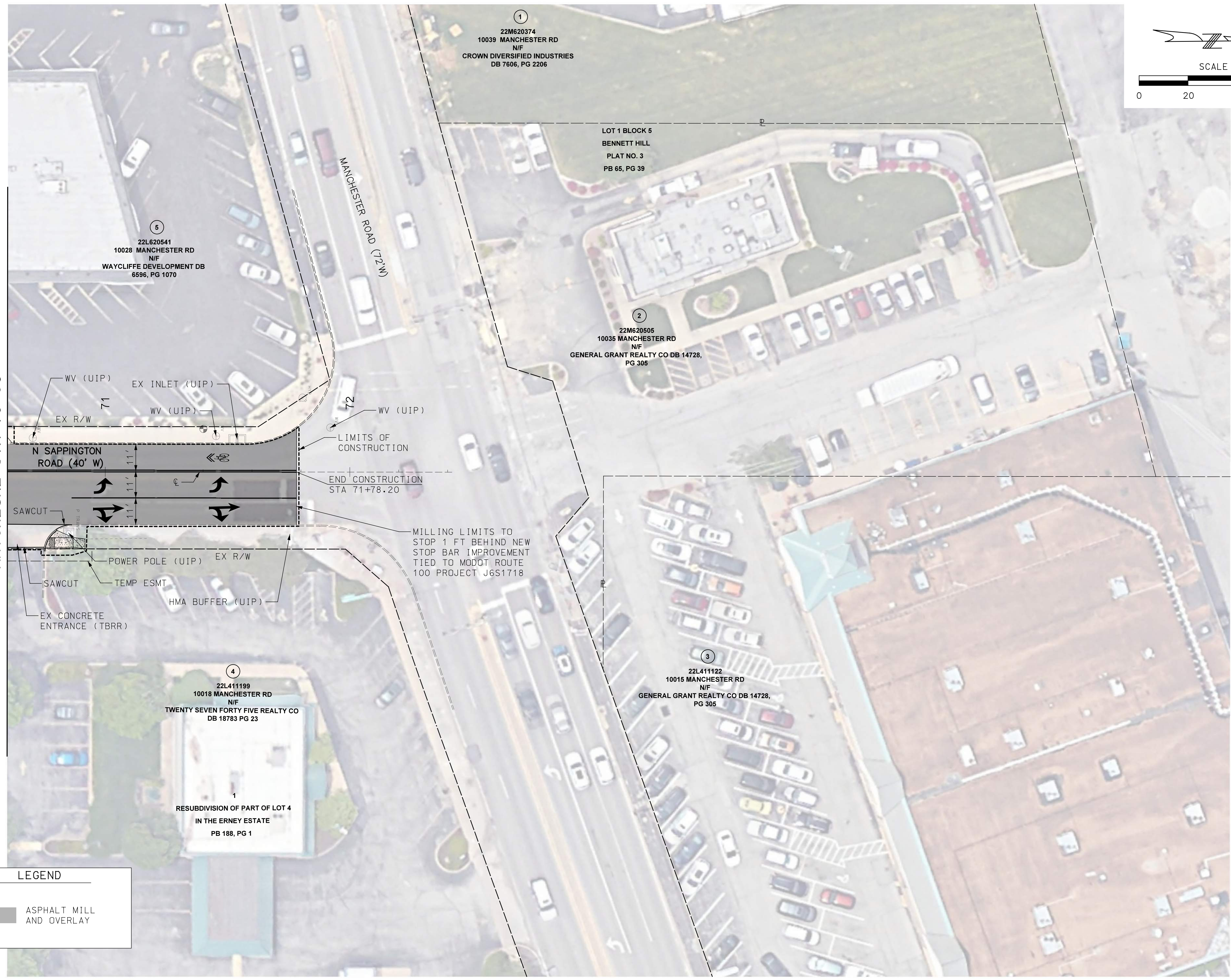
REV	DATE	BY	DESCRIPTION

LOCHMUELLER GROUP
 399 S SPRING AVENUE, SUITE 208 B
 SAINT LOUIS, MISSOURI 63110
 P (314) 621-3395 F (314) 621-3288
 WWW.LOCHGROUP.COM
 MISSOURI STATE ENGINEERING CORPORATION
 CERTIFICATE/LICENSE NO. 2002011852

NORTH SAPPINGTON ROAD PRESERVATION
 PLAN SHEETS
 SHEET 13 OF 14

PROJECT/JOB NO. STP-5568 (604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 38 OF 102

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



MATCHLINE STA 70+60

LEGEND	
	ASPHALT MILL AND OVERLAY

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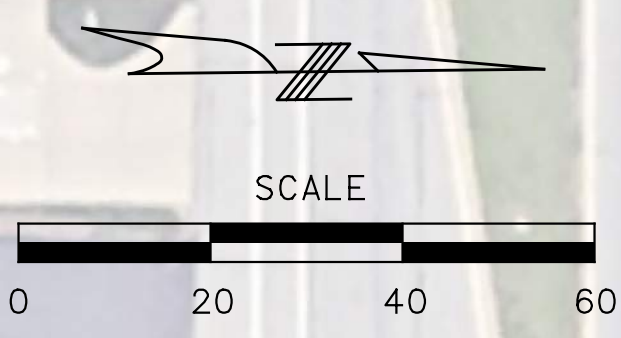
REVISIONS	
REV	DESCRIPTION

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 MISSOURI STATE ENGINEERING CORPORATION
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NORTH SAPPINGTON ROAD PRESERVATION
PLAN SHEETS
SHEET 14 OF 14

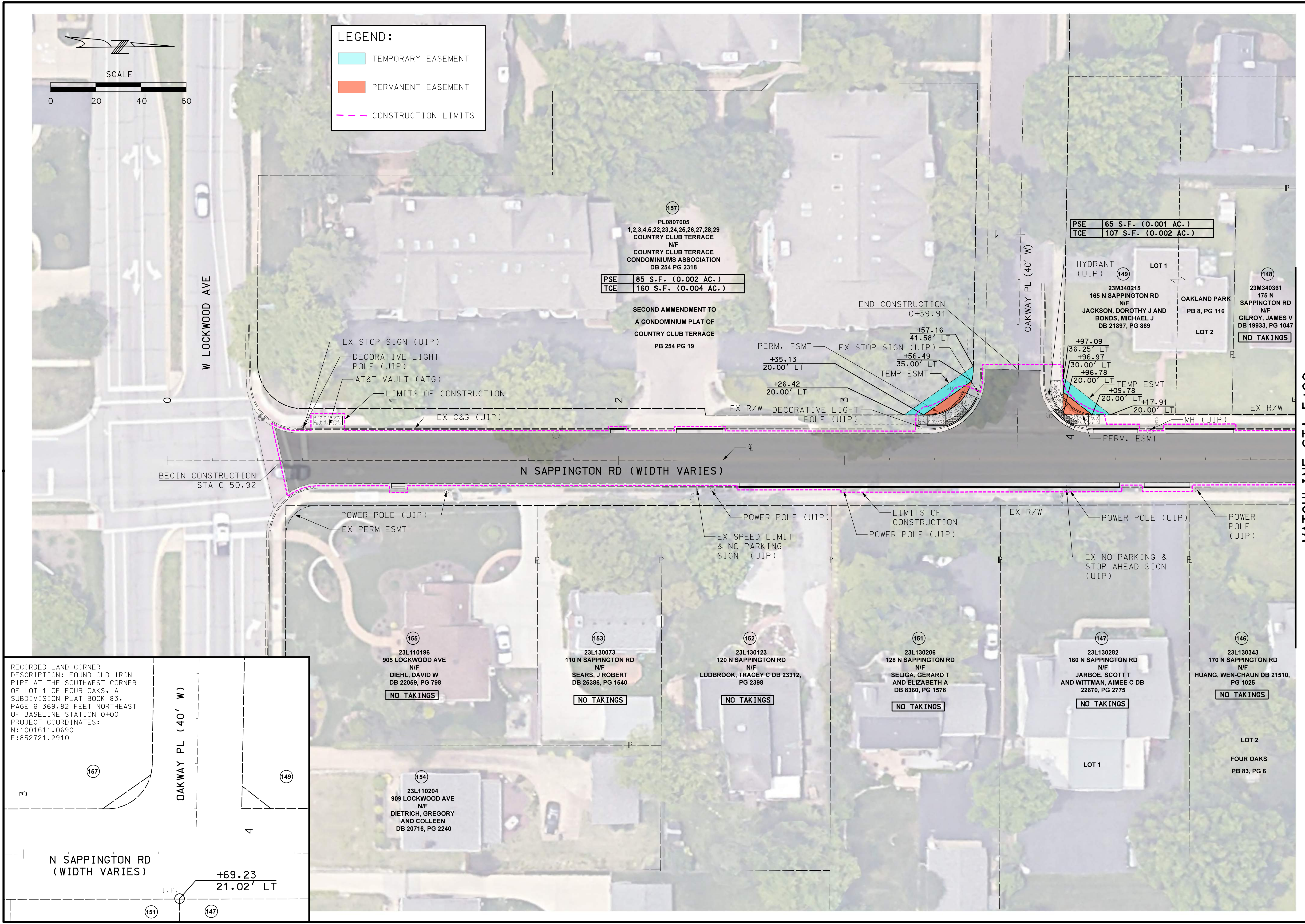
PROJECT/JOB NO. STP-5568(604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 39 OF 102

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



LEGEND:

■	TEMPORARY EASEMENT
■	PERMANENT EASEMENT
- - -	CONSTRUCTION LIMITS



RECORDED LAND CORNER DESCRIPTION: FOUND OLD IRON PIPE AT THE SOUTHWEST CORNER OF LOT 1 OF FOUR OAKS, A SUBDIVISION PLAT BOOK 83, PAGE 6 369.82 FEET NORTHEAST OF BASELINE STATION 0+00 PROJECT COORDINATES: N:1001611.0690 E:852721.2910

OAKWAY PL (40' W)

N SAPPINGTON RD (WIDTH VARIES)

I.P. +69.23
21.02' LT

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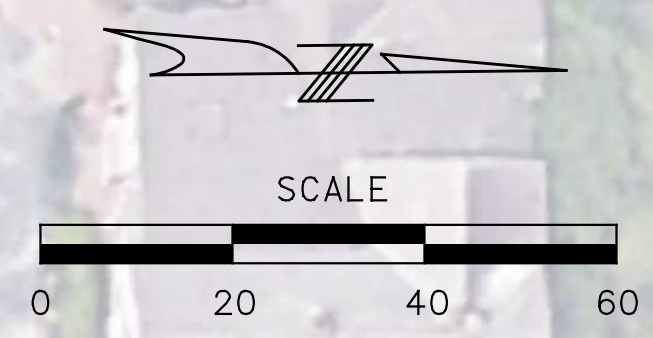
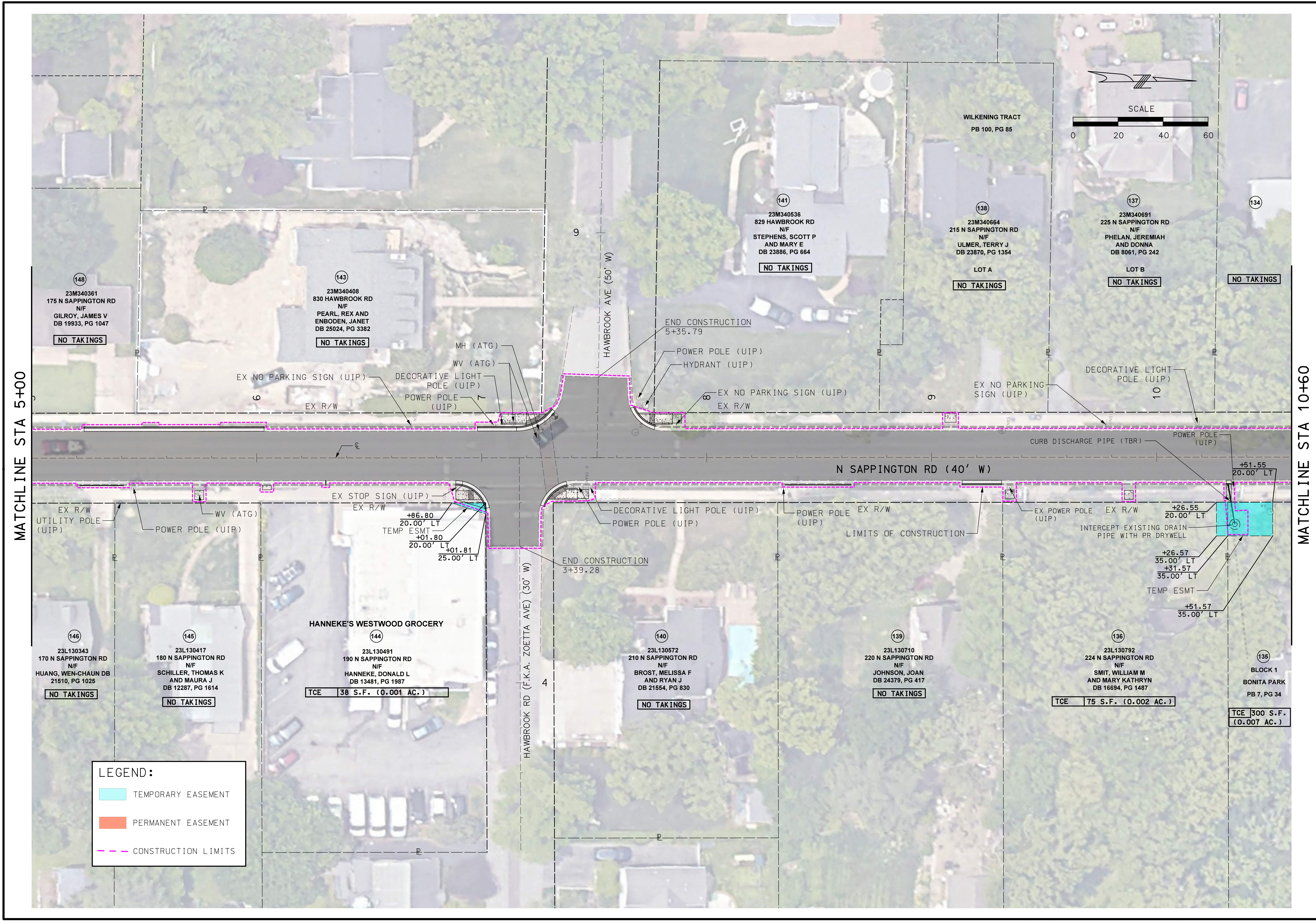
REV	DATE	BY	DESCRIPTION

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NORTH SAPPINGTON ROAD PRESERVATION RIGHT-OF-WAY PLAN SHEET 1 OF 14

PROJECT/JOB NO. STP-5568 (604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 40 OF 102

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



LEGEND:

	TEMPORARY EASEMENT
	PERMANENT EASEMENT
	CONSTRUCTION LIMITS

DISCLAIMER OF RESPONSIBILITY
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REV	DATE	BY	DESCRIPTION

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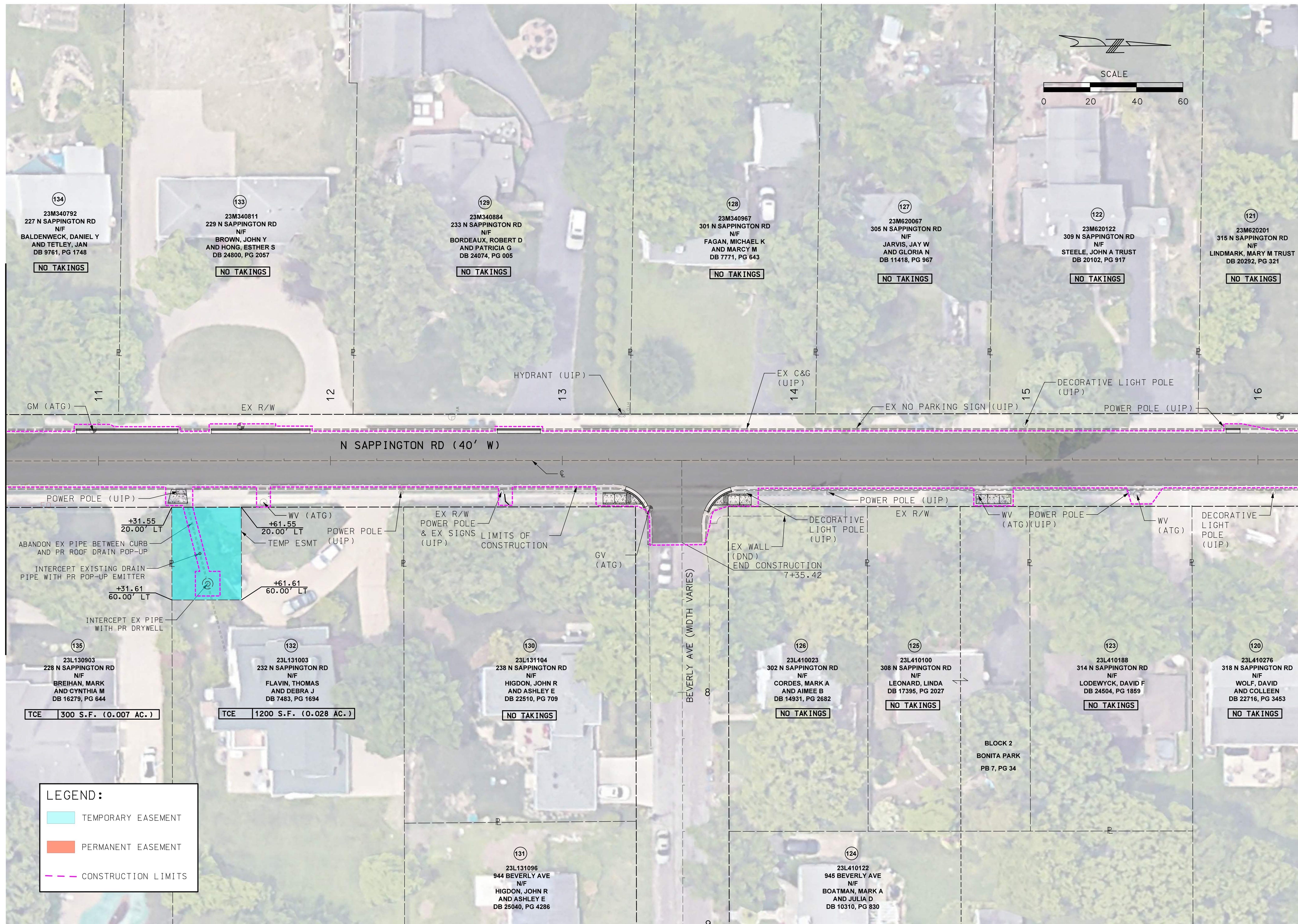
**NORTH SAPPINGTON ROAD PRESERVATION
 RIGHT-OF-WAY PLAN
 SHEET 2 OF 14**

PROJECT/JOB NO.	STP-5568 (604)
MSD PROJECT NO.	25MSD-00108
MSD BASE MAP	22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED	1/27/2026
SHEET	41 OF 102

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

MATCHLINE STA 10+60

MATCHLINE STA 16+20



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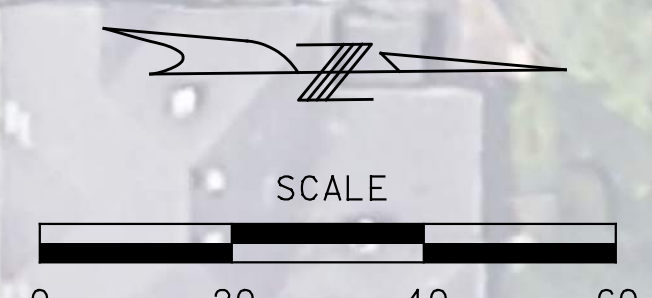
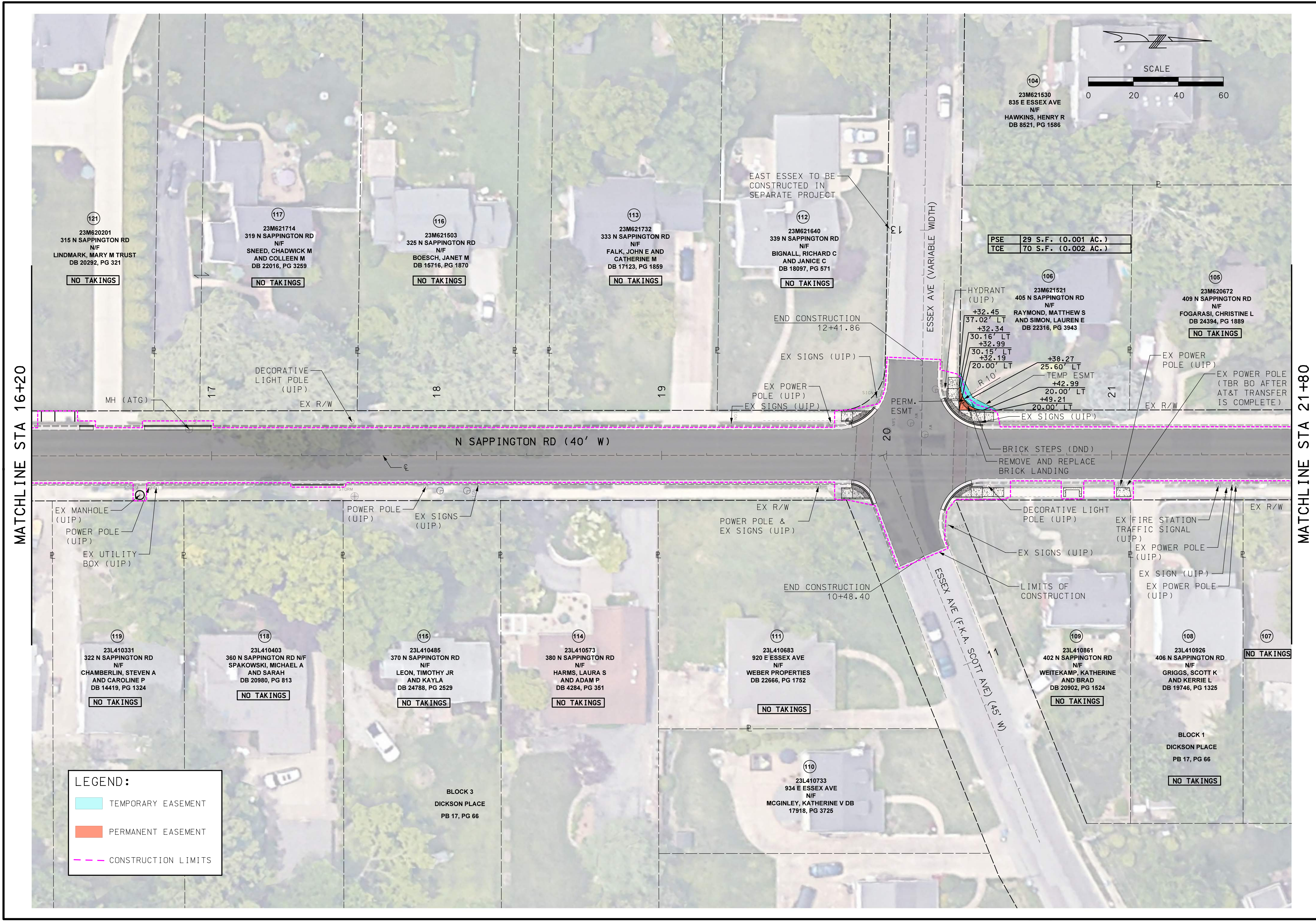
REV	DATE	BY	DESCRIPTION

LOCHMUELLER GROUP
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 SAINT LOUIS, MISSOURI 63110
 P (314) 621-3395 F (314) 621-3288
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NORTH SAPPINGTON ROAD PRESERVATION
RIGHT-OF-WAY PLAN
SHEET 3 OF 14

PROJECT/JOB NO. STP-5568 (604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 42 OF 102

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



PSE	29 S.F. (0.001 AC.)
TCE	70 S.F. (0.002 AC.)

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REV	DATE	BY	DESCRIPTION

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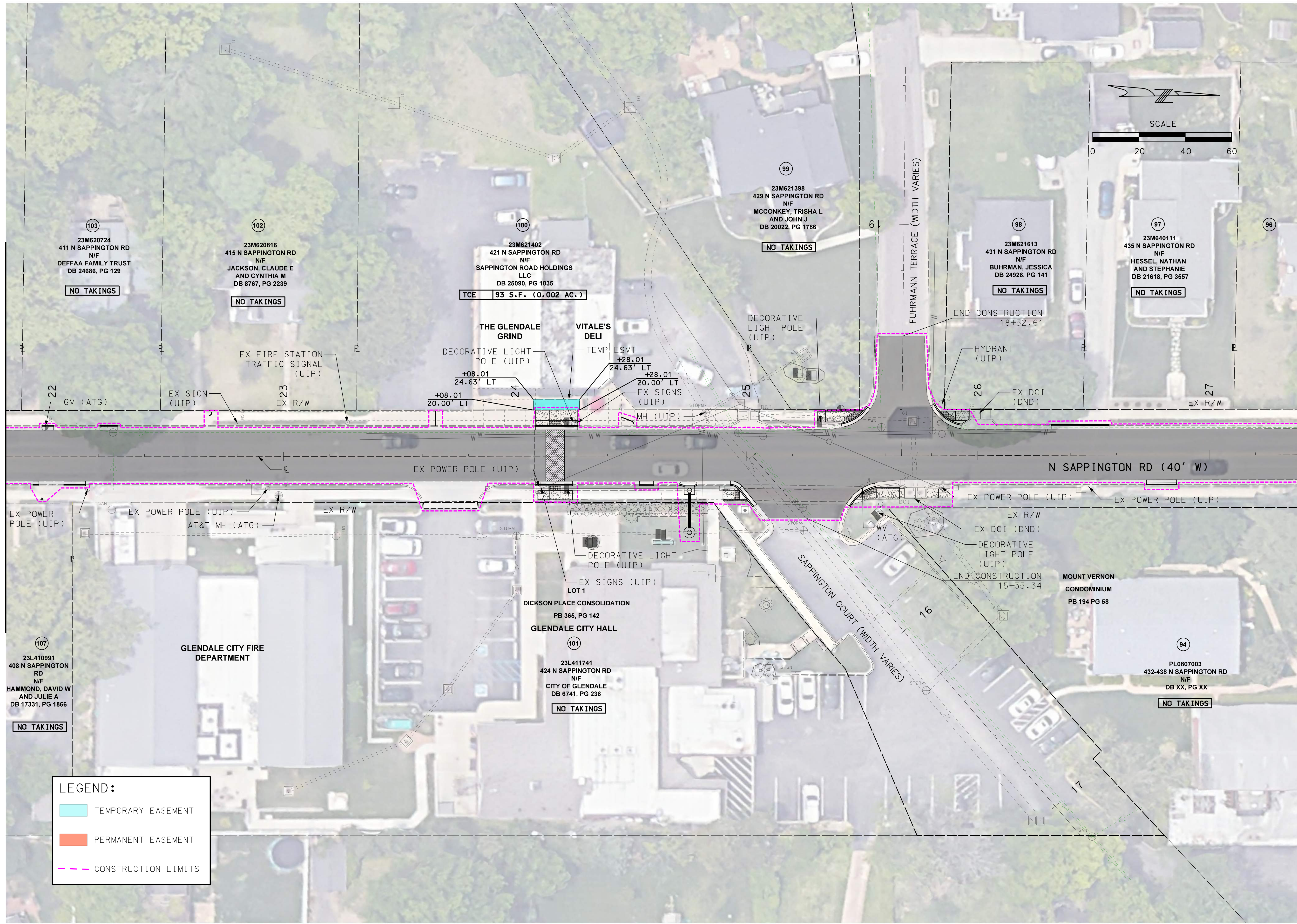
NORTH SAPPINGTON ROAD PRESERVATION
RIGHT-OF-WAY PLAN
SHEET 4 OF 14

PROJECT/JOB NO.	STP-5568 (604)
MSD PROJECT NO.	25MSD-00108
MSD BASE MAP	22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED	1/27/2026
SHEET	43 OF 102

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

MATCHLINE STA 21+80

MATCHLINE STA 27+40



LEGEND:

	TEMPORARY EASEMENT
	PERMANENT EASEMENT
	CONSTRUCTION LIMITS

DISCLAIMER OF RESPONSIBILITY
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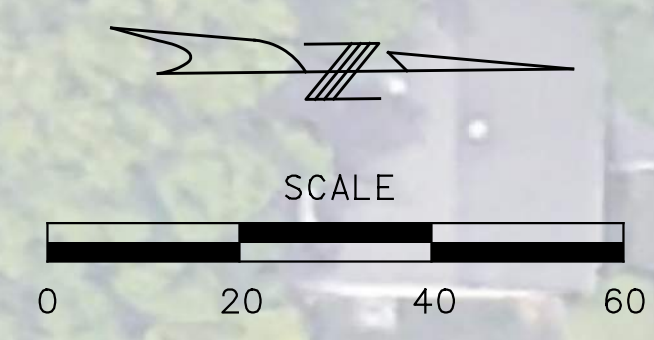
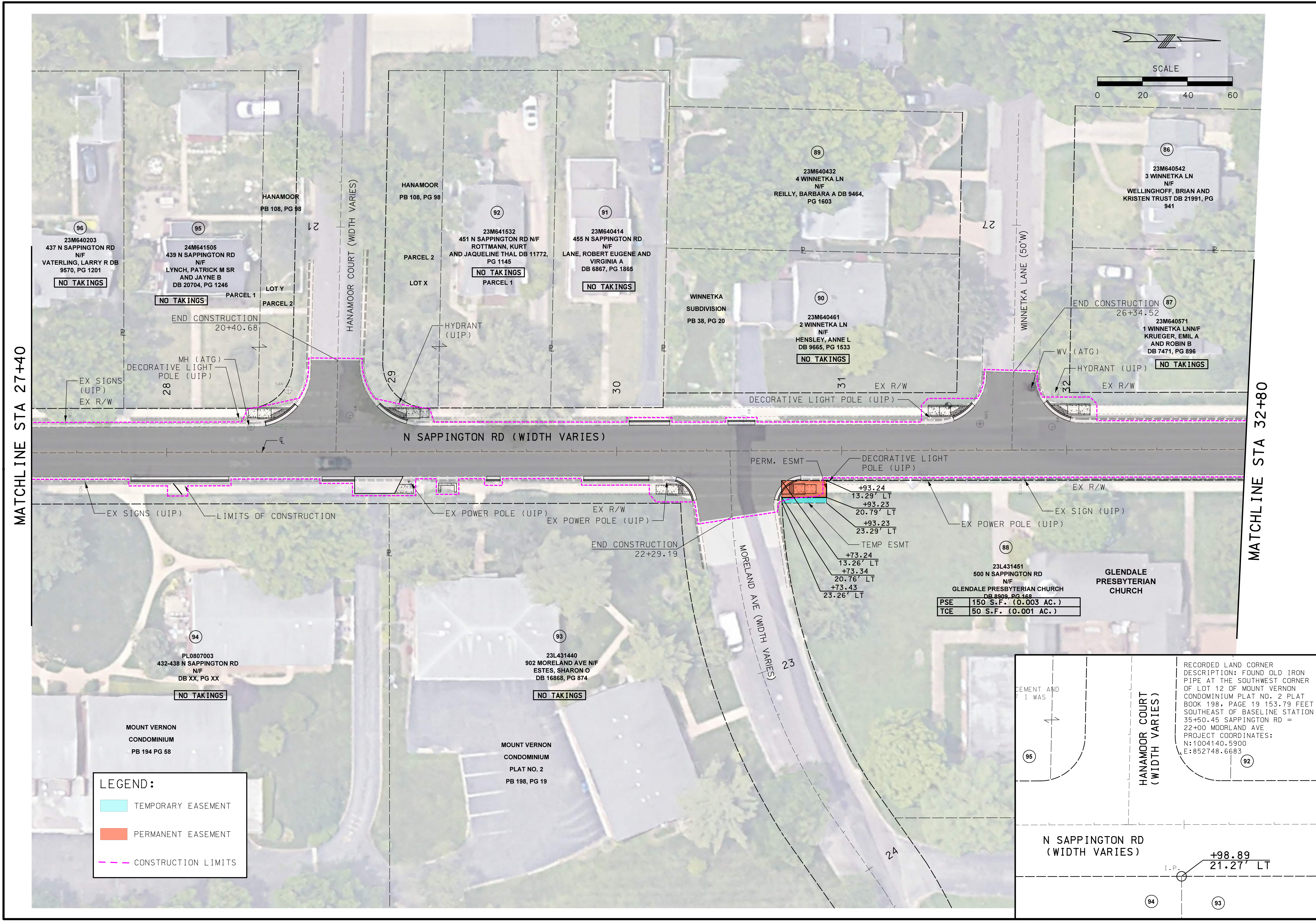
REV	DATE	BY	DESCRIPTION

LOCHMUELLER GROUP
 399 S SPRING AVENUE, SUITE 208 B
 SAINT LOUIS, MISSOURI 63110
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NORTH SAPPINGTON ROAD PRESERVATION
RIGHT-OF-WAY PLAN
SHEET 5 OF 14

PROJECT/JOB NO.	STP-5568 (604)
MSD PROJECT NO.	25MSD-00108
MSD BASE MAP	22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED	1/27/2026
SHEET	44 OF 102

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



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REV	DATE	BY	DESCRIPTION

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**NORTH SAPPINGTON ROAD PRESERVATION
 RIGHT-OF-WAY PLAN
 SHEET 6 OF 14**

PROJECT/JOB NO. STP-5568 (604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 45 OF 102

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

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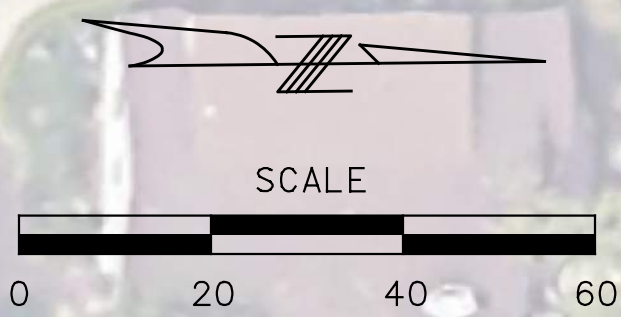
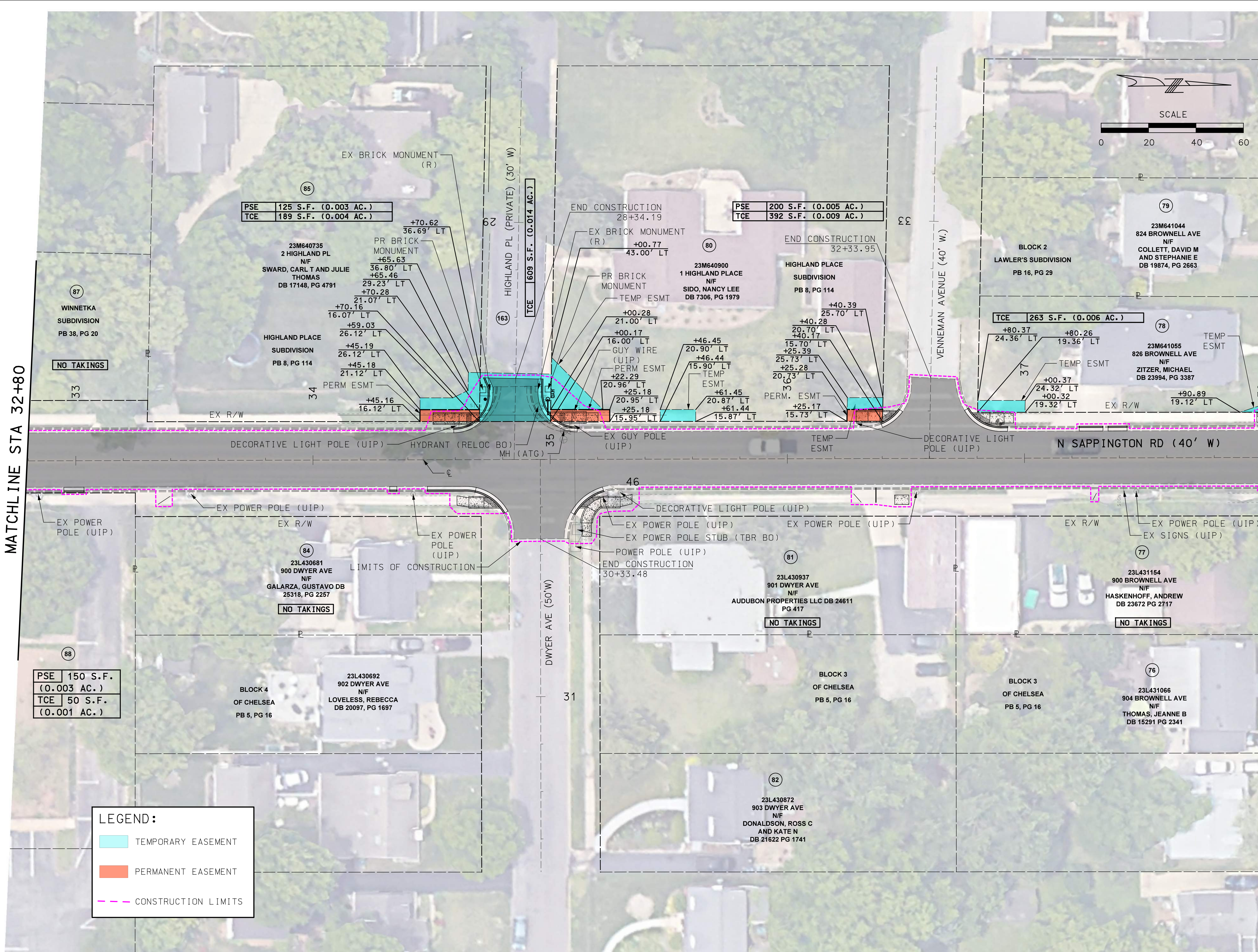
REV	DATE	BY	DESCRIPTION

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**NORTH SAPPINGTON ROAD PRESERVATION
 RIGHT-OF-WAY PLAN
 SHEET 7 OF 14**

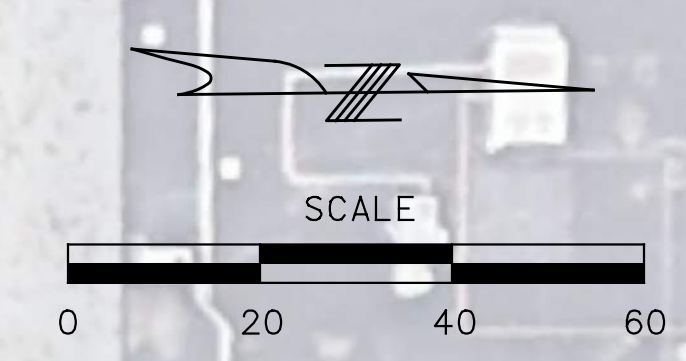
PROJECT/JOB NO. STP-5568 (604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 46 OF 102

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



LEGEND:

 TEMPORARY EASEMENT
 PERMANENT EASEMENT
 CONSTRUCTION LIMITS



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REV	DATE	BY	DESCRIPTION

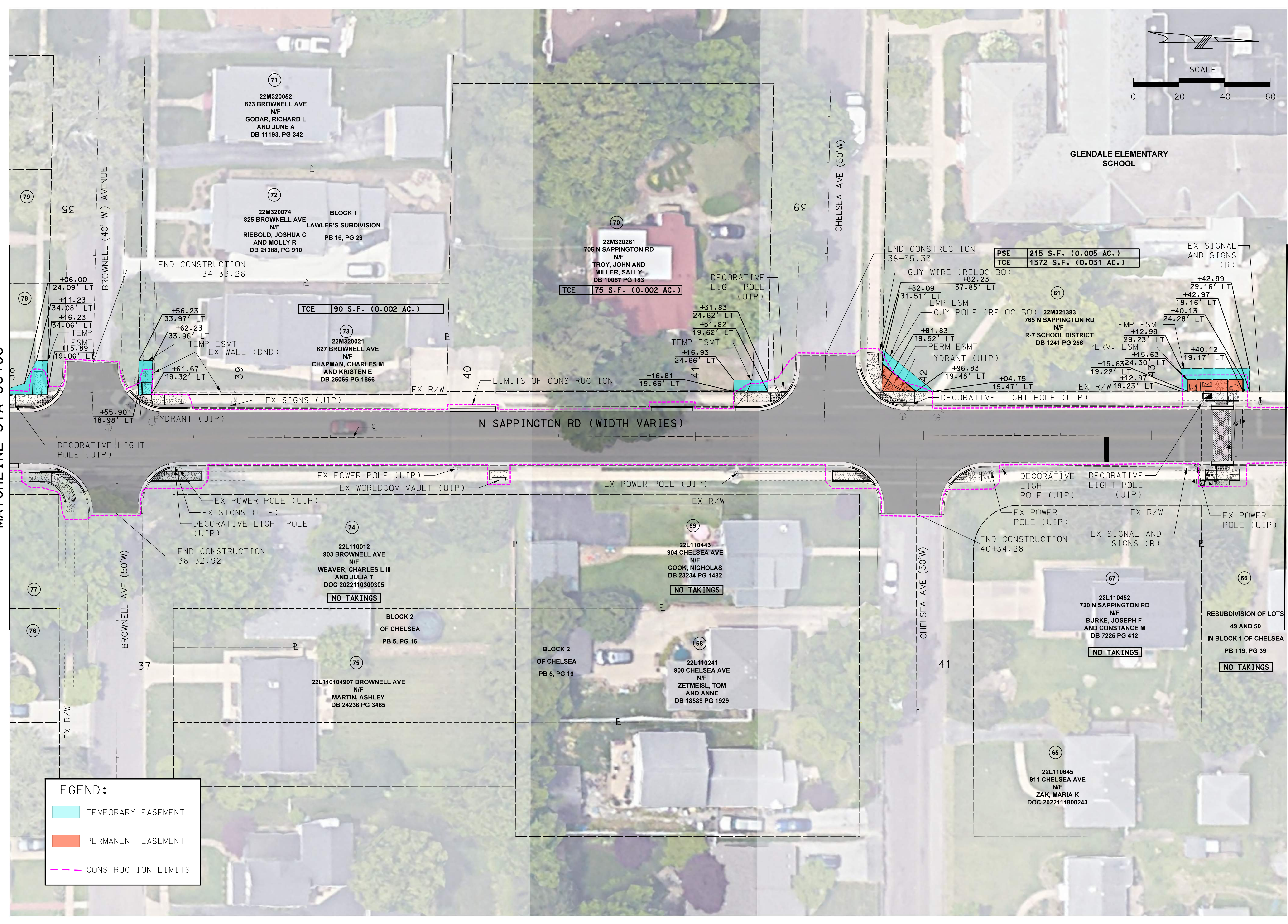
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 SAINT LOUIS, MISSOURI 63110
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 WWW.LOCHGROUP.COM
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**NORTH SAPPINGTON ROAD PRESERVATION
 RIGHT-OF-WAY PLAN
 SHEET 8 OF 14**

PROJECT/JOB NO. STP-5568 (604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 47 OF 102

MATCHLINE STA 38+00

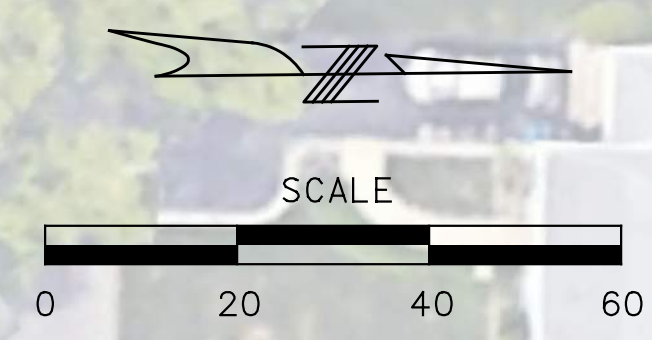
MATCHLINE STA 43+60



LEGEND:

 TEMPORARY EASEMENT
 PERMANENT EASEMENT
 CONSTRUCTION LIMITS

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



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REV	DATE	BY	DESCRIPTION

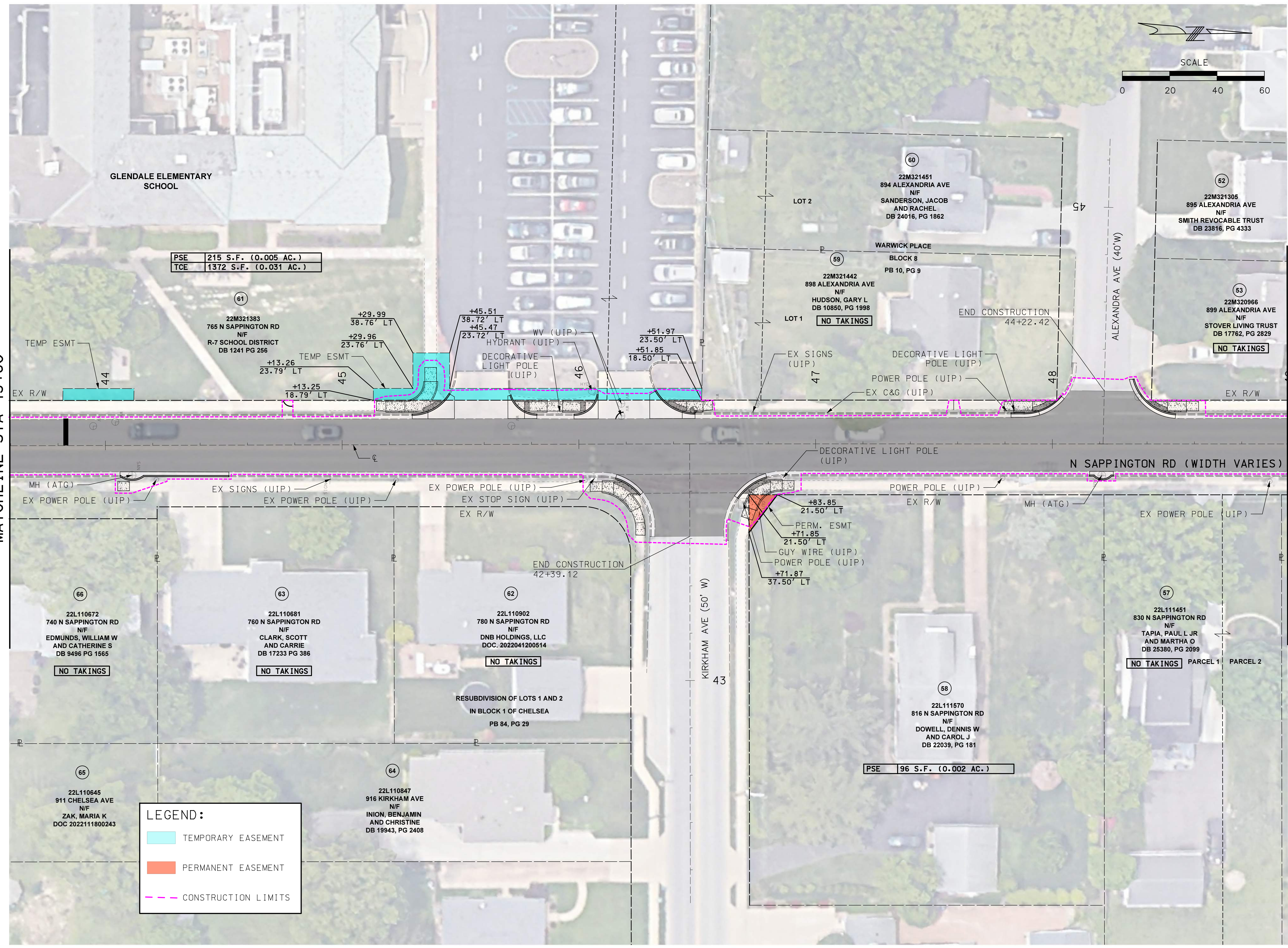
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 SAINT LOUIS, MISSOURI 63110
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NORTH SAPPINGTON ROAD PRESERVATION
RIGHT-OF-WAY PLAN
SHEET 9 OF 14

PROJECT/JOB NO.
STP-5568 (604)
 MSD PROJECT NO.
25MSD-00108
 MSD BASE MAP
22L1, 22M3, 22L4, 23M2, 23M3
 DATE PREPARED
1/27/2026
 SHEET
48 OF 102

MATCHLINE STA 43+60

MATCHLINE STA 49+00



PSE	215 S.F. (0.005 AC.)
TCE	1372 S.F. (0.031 AC.)

LEGEND:

	TEMPORARY EASEMENT
	PERMANENT EASEMENT
	CONSTRUCTION LIMITS

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

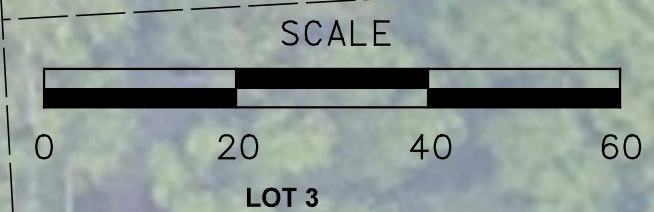
MATCHLINE STA 49+00

MATCHLINE STA 54+00



LEGEND:

—	TEMPORARY EASEMENT
—	PERMANENT EASEMENT
---	CONSTRUCTION LIMITS



PSE	90 S.F. (0.002 AC.)
TCE	118 S.F. (0.003 AC.)

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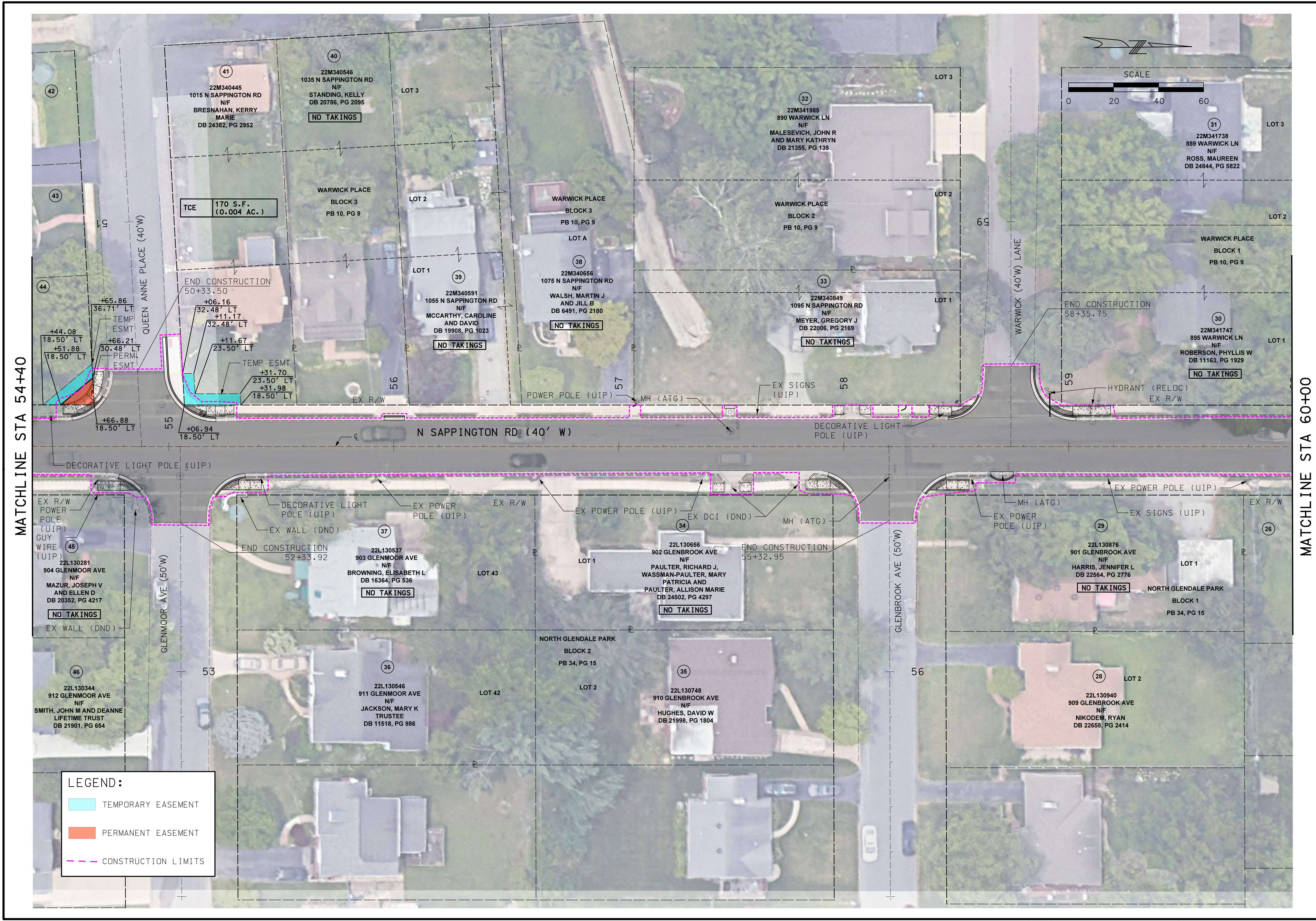
REV	DATE	BY	DESCRIPTION

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NORTH SAPPINGTON ROAD PRESERVATION
RIGHT-OF-WAY PLAN
SHEET 10 OF 14

PROJECT/JOB NO.	STP-5568(604)
MSD PROJECT NO.	25MSD-00108
MSD BASE MAP	22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED	1/27/2026
SHEET	49 OF 102

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



MATCHLINE STA 54+40

MATCHLINE STA 60+00

LEGEND:

	TEMPORARY EASEMENT
	PERMANENT EASEMENT
	CONSTRUCTION LIMITS



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REV	DATE	BY	DESCRIPTION

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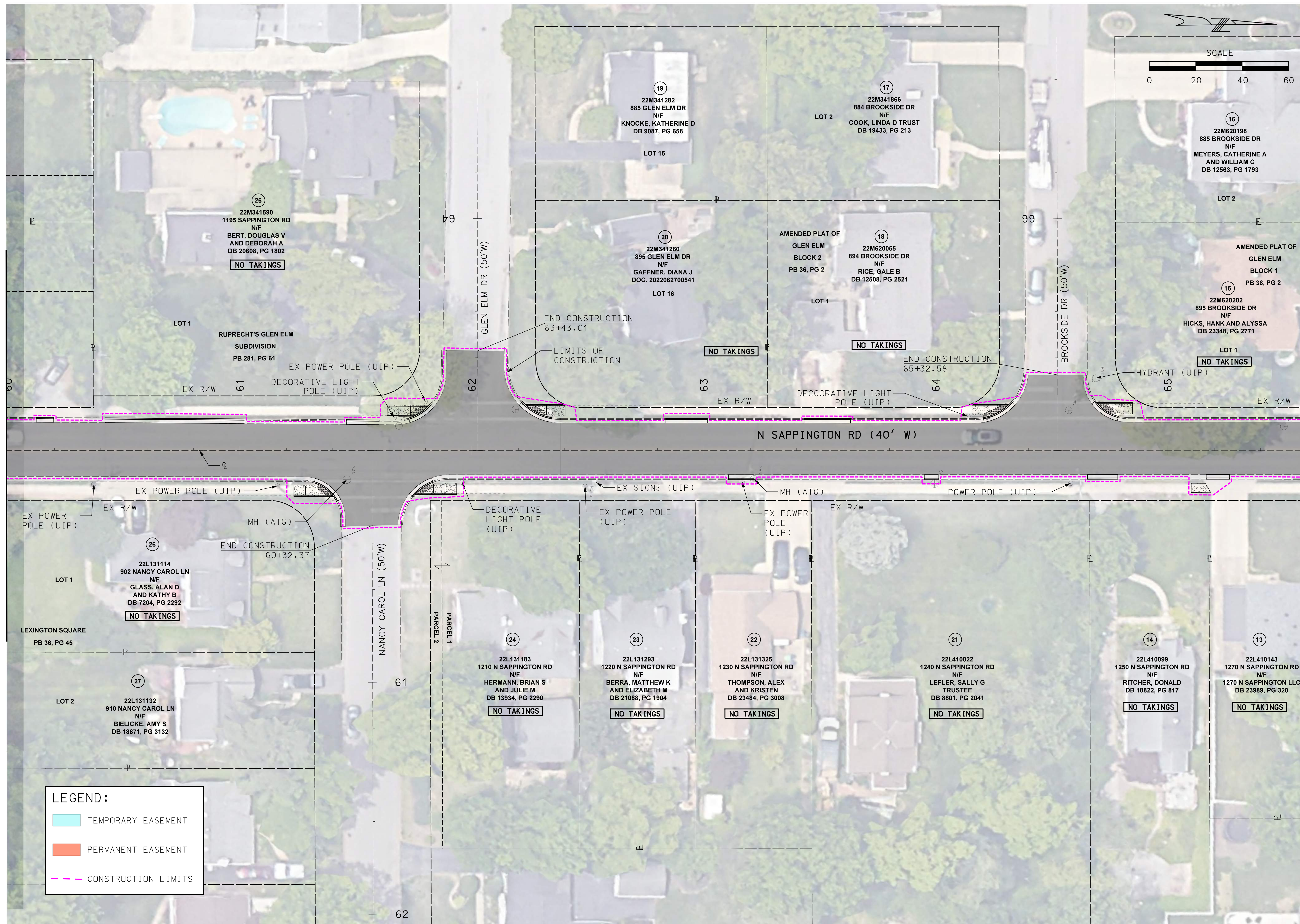
NORTH SAPPINGTON ROAD PRESERVATION
 RIGHT-OF-WAY PLAN
 SHEET 11 OF 14

PROJECT/JOB NO.	STP-5568 (604)
MSD PROJECT NO.	25MSD-00108
MSD BASE MAP	22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED	1/27/2026
SHEET	50 OF 102

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

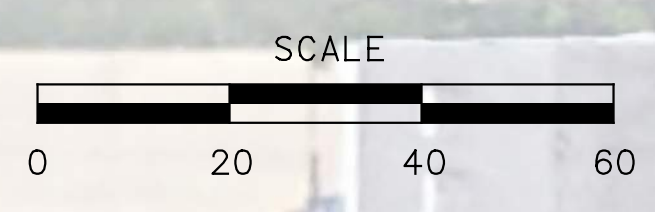
MATCHLINE STA 60+00

MATCHLINE STA 65+60



LEGEND:

—	TEMPORARY EASEMENT
—	PERMANENT EASEMENT
- - -	CONSTRUCTION LIMITS



DISCLAIMER OF RESPONSIBILITY
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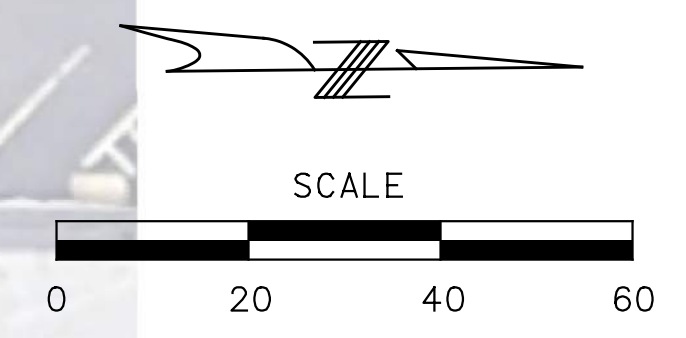
REV	DATE	BY	DESCRIPTION

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NORTH SAPPINGTON ROAD PRESERVATION
RIGHT-OF-WAY PLAN
SHEET 12 OF 14

PROJECT/JOB NO. STP-5568 (604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 51 OF 102

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



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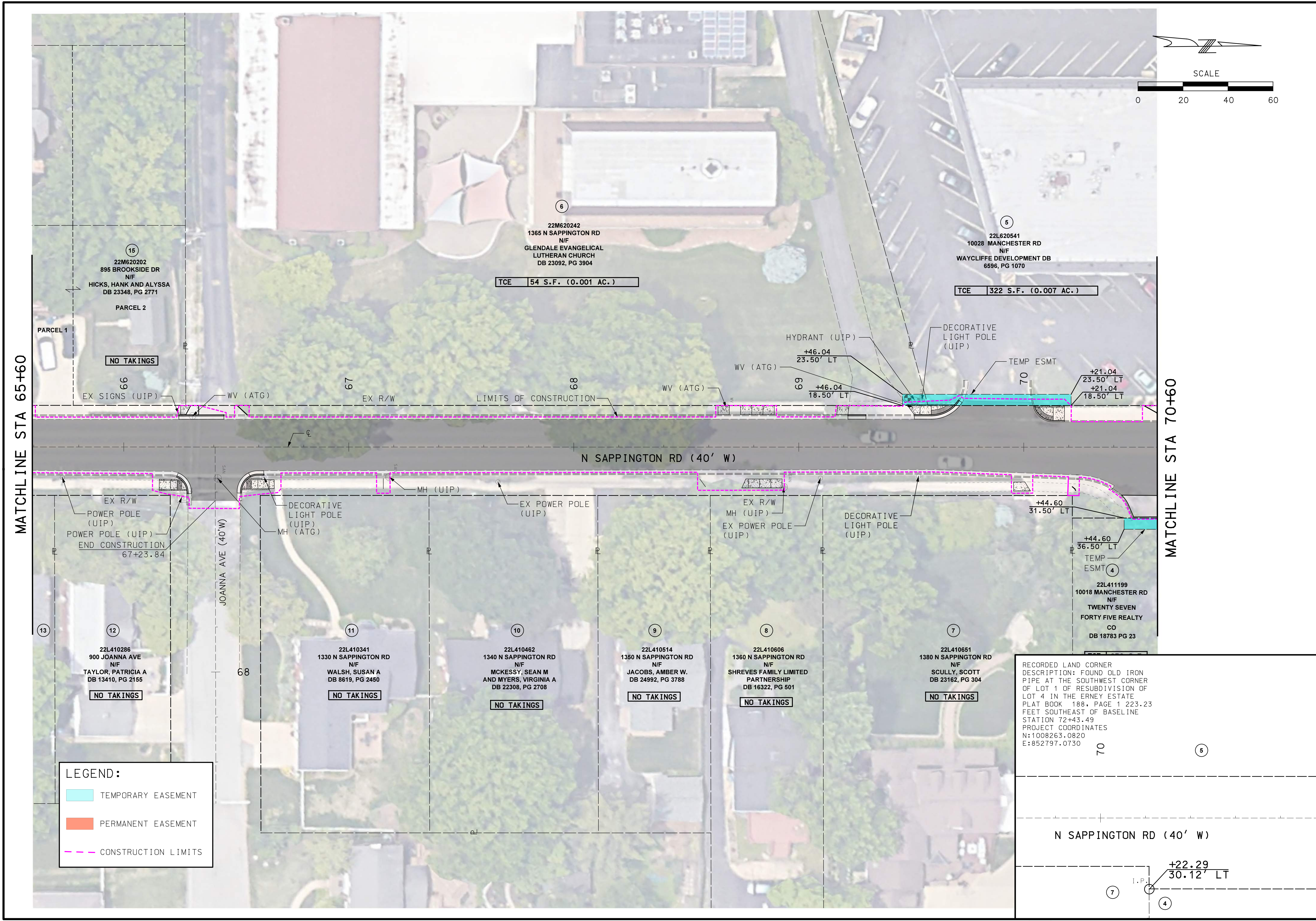
REV	DATE	BY	DESCRIPTION

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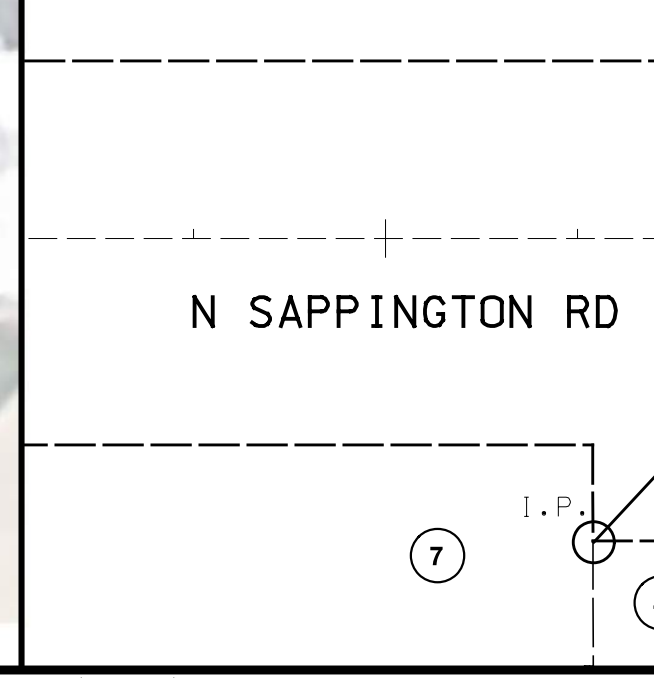
NORTH SAPPINGTON ROAD PRESERVATION
RIGHT-OF-WAY PLAN
SHEET 13 OF 14

PROJECT/JOB NO.
STP-5568 (604)
 MSD PROJECT NO.
25MSD-00108
 MSD BASE MAP
22L1, 22M3, 22L4, 23M2, 23M3
 DATE PREPARED
1/27/2026
 SHEET
52 OF 102

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

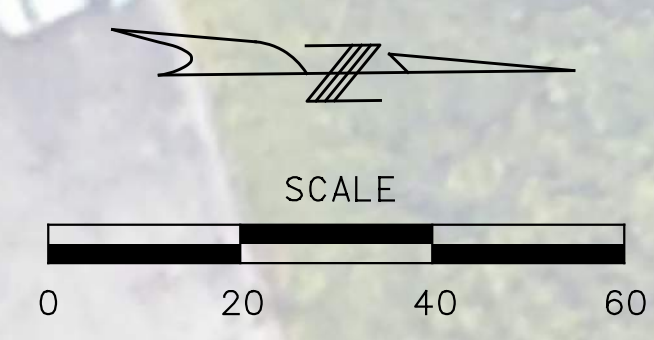


RECORDED LAND CORNER DESCRIPTION: FOUND OLD IRON PIPE AT THE SOUTHWEST CORNER OF LOT 1 OF RESUBDIVISION OF LOT 4 IN THE ERNEY ESTATE PLAT BOOK 188, PAGE 1 223.23 FEET SOUTHEAST OF BASELINE STATION 72+43.49
 PROJECT COORDINATES
 N:1008263.0820
 E:852797.0730



LEGEND:

	TEMPORARY EASEMENT
	PERMANENT EASEMENT
	CONSTRUCTION LIMITS



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REV	DATE	BY	DESCRIPTION

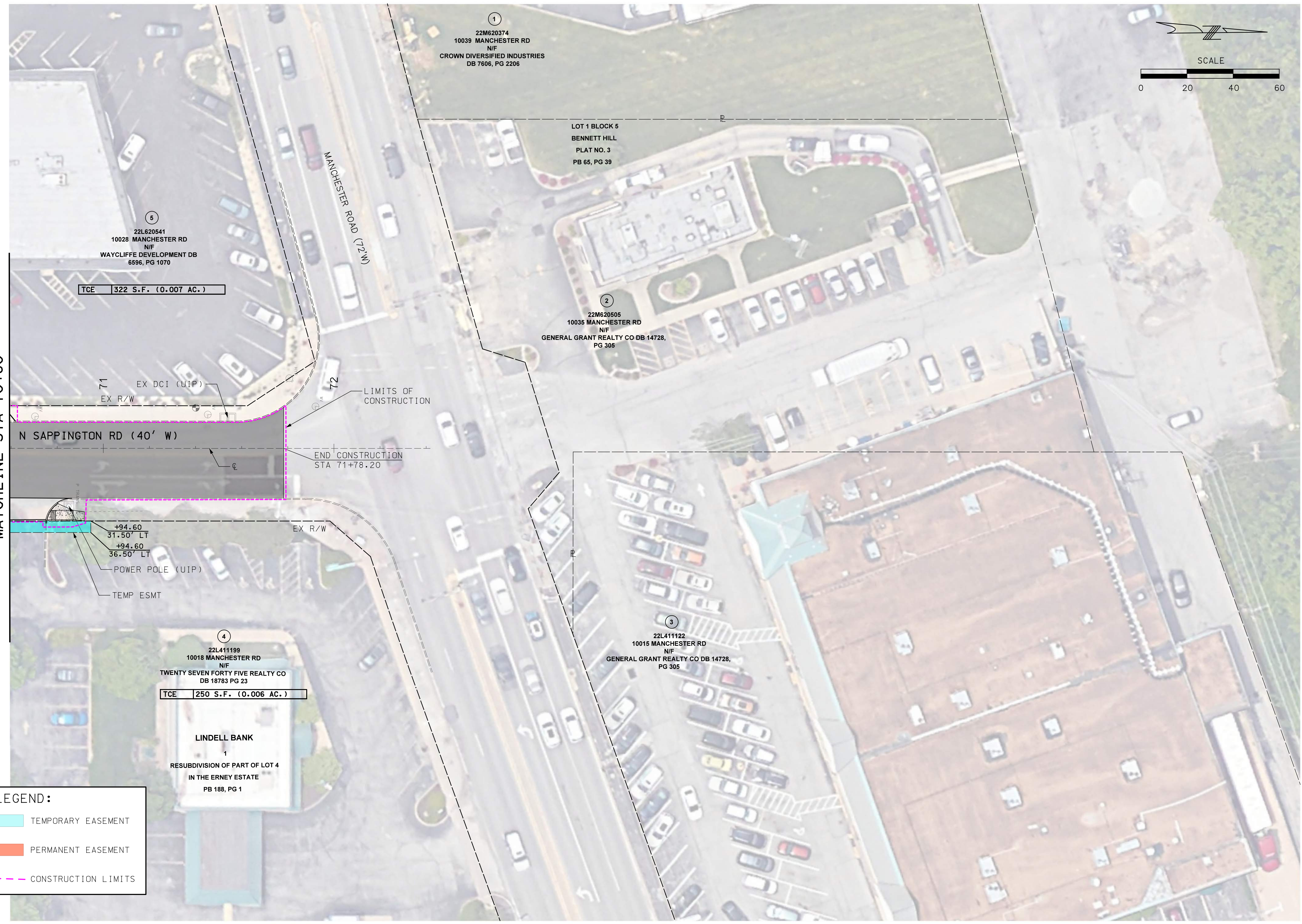
LOCHMUELLER GROUP
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 CERTIFICATE/LICENSE NO. 2002011852

NORTH SAPPINGTON ROAD PRESERVATION
RIGHT-OF-WAY PLAN
SHEET 14 OF 14

PROJECT/JOB NO.
STP-5568(604)
 MSD PROJECT NO.
25MSD-00108
 MSD BASE MAP
22L1, 22M3, 22L4, 23M2, 23M3
 DATE PREPARED
1/27/2026
 SHEET
53 OF 102

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

MATCHLINE STA 70+60



TCE 322 S.F. (0.007 AC.)

22L620541
 10028 MANCHESTER RD
 N/F
 WAYCLIFFE DEVELOPMENT DB
 6596, PG 1070

22M620374
 10039 MANCHESTER RD
 N/F
 CROWN DIVERSIFIED INDUSTRIES
 DB 7606, PG 2206

LOT 1 BLOCK 5
 BENNETT HILL
 PLAT NO. 3
 PB 65, PG 39

22M620505
 10035 MANCHESTER RD
 N/F
 GENERAL GRANT REALTY CO DB 14728,
 PG 305

71 EX DCI (UIP)
 EX R/W

72 LIMITS OF CONSTRUCTION

N SAPPINGTON RD (40' W)
 END CONSTRUCTION STA 71+78.20

+94.60
 31.50' LT
 +94.60
 36.50' LT
 POWER POLE (UIP)
 TEMP ESMT

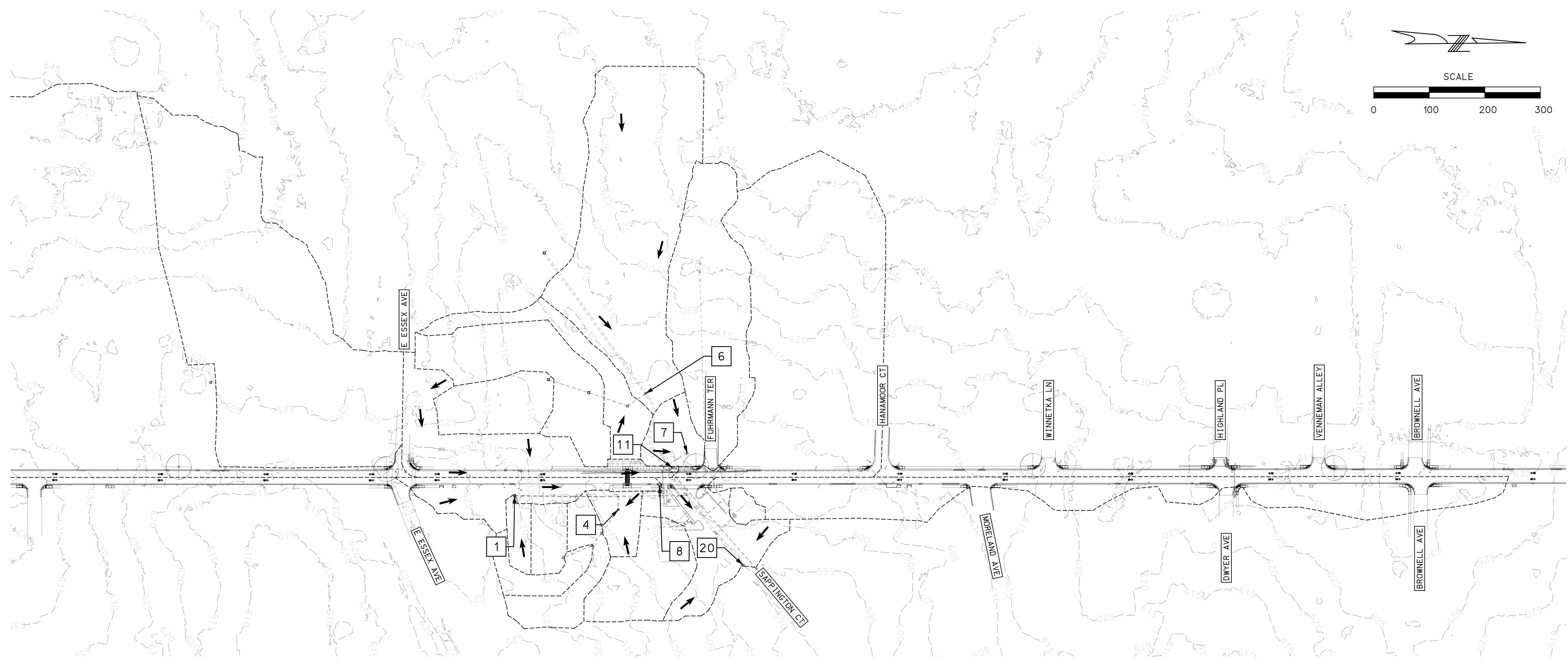
22L411199
 10018 MANCHESTER RD
 N/F
 TWENTY SEVEN FORTY FIVE REALTY CO
 DB 18783 PG 23
 TCE 250 S.F. (0.006 AC.)

LINDELL BANK
 1
 RESUBDIVISION OF PART OF LOT 4
 IN THE ERNEY ESTATE
 PB 188, PG 1

22L411122
 10015 MANCHESTER RD
 N/F
 GENERAL GRANT REALTY CO DB 14728,
 PG 305

LEGEND:

	TEMPORARY EASEMENT
	PERMANENT EASEMENT
	CONSTRUCTION LIMITS



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 P (314) 621-3395 F (314) 621-3288
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 MISSOURI STATE ENGINEERING CORPORATION
 CERTIFICATE/LICENSE NO. 2002011852

DRAINAGE AREA CALCULATIONS					
INLET	INTENSITY	AREA	P FACTOR	PI FACTOR	DISCHARGE
		(AC)		(CFS/AC)	(CFS)
1	4.6	0.123	0.661	3.04	0.373
4	4.6	0.196	0.741	3.41	0.669
6	4.6	2.473	0.484	2.23	5.505
7	4.6	0.247	0.572	2.63	0.651
8	4.6	0.491	0.627	2.89	1.416
20	4.6	0.673	0.619	2.85	1.917
11	4.6	0.859	0.615	2.83	2.430
TOTAL AREA =		5.062		TOTAL Q =	12.960

Conditions	Project Totals						
	Total Drainage Area (ac)	Total Impervious Area (ac)	% Impervious	Total Pervious Area (ac)	% Pervious	Total Runoff (cfs)	Total Runoff Differential (cfs)
Existing	5.06	2.49	49.21	2.57	50.79	12.96	-0.003
Proposed	5.06	2.49	49.21	2.57	50.79	12.96	

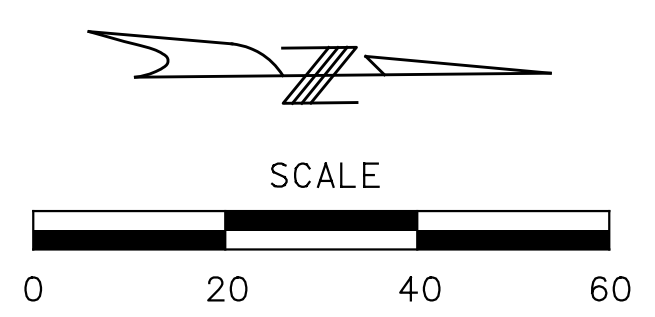
RUNOFF COMPUTATIONS
 TOTAL DRAINAGE AREA = 5.06 ACRES
 INCREASE IN IMPERVIOUS AREA = 0.00 ACRES (NET ADDITIONAL PAVED AREA)
 EXISTING (5% IMPERVIOUS) = 0.00 x 1.70 = 0.00 CFS
 PROPOSED (100% IMPERVIOUS) = 0.00 x 3.54 = 0.00 CFS
 INCREASE IN RUNOFF = 0.00 - 0.00 = 0.00 CFS

NORTH SAPPINGTON
 ROAD PRESERVATION
 DRAINAGE AREA MAP

PROJECT/JOB NO.
STP-5568(604)
 MSD PROJECT NO.
25MSD-00108
 MSD BASE MAP
**22L1, 22M3, 22L4,
 23M2, 23M3**
 DATE PREPARED
1/27/2026
 SHEET
54 OF 102

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

MATCHLINE STA 5+00



MATCHLINE STA 10+60

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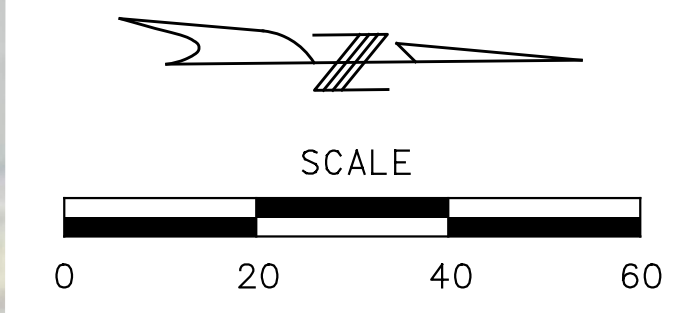
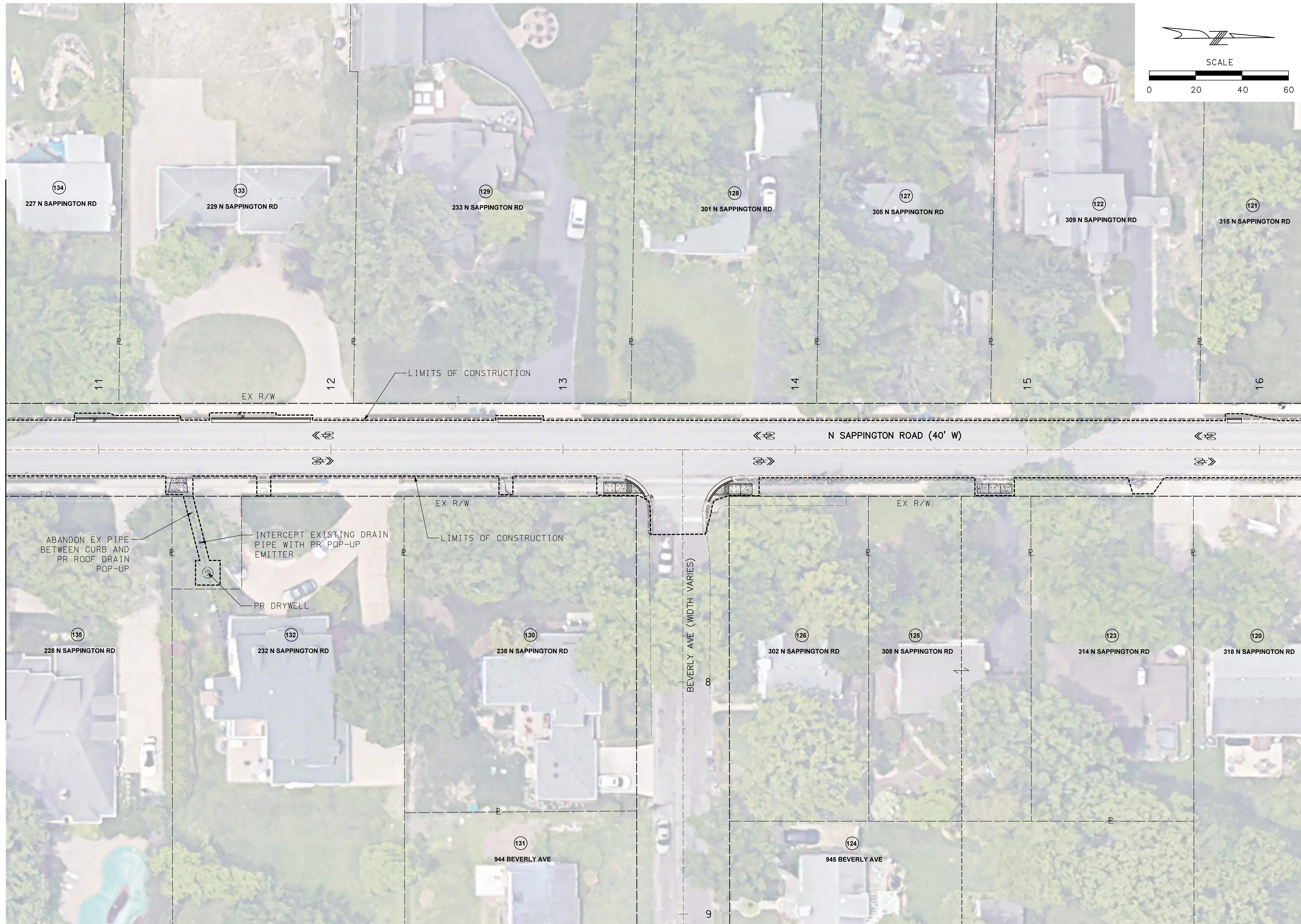
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NORTH SAPPINGTON ROAD PRESERVATION
 DRAINAGE PLAN
 SHEET 1 OF 3

PROJECT/JOB NO. STP-5568(604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 55 OF 102

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

MATCHLINE STA 10+60



MATCHLINE STA 16+20

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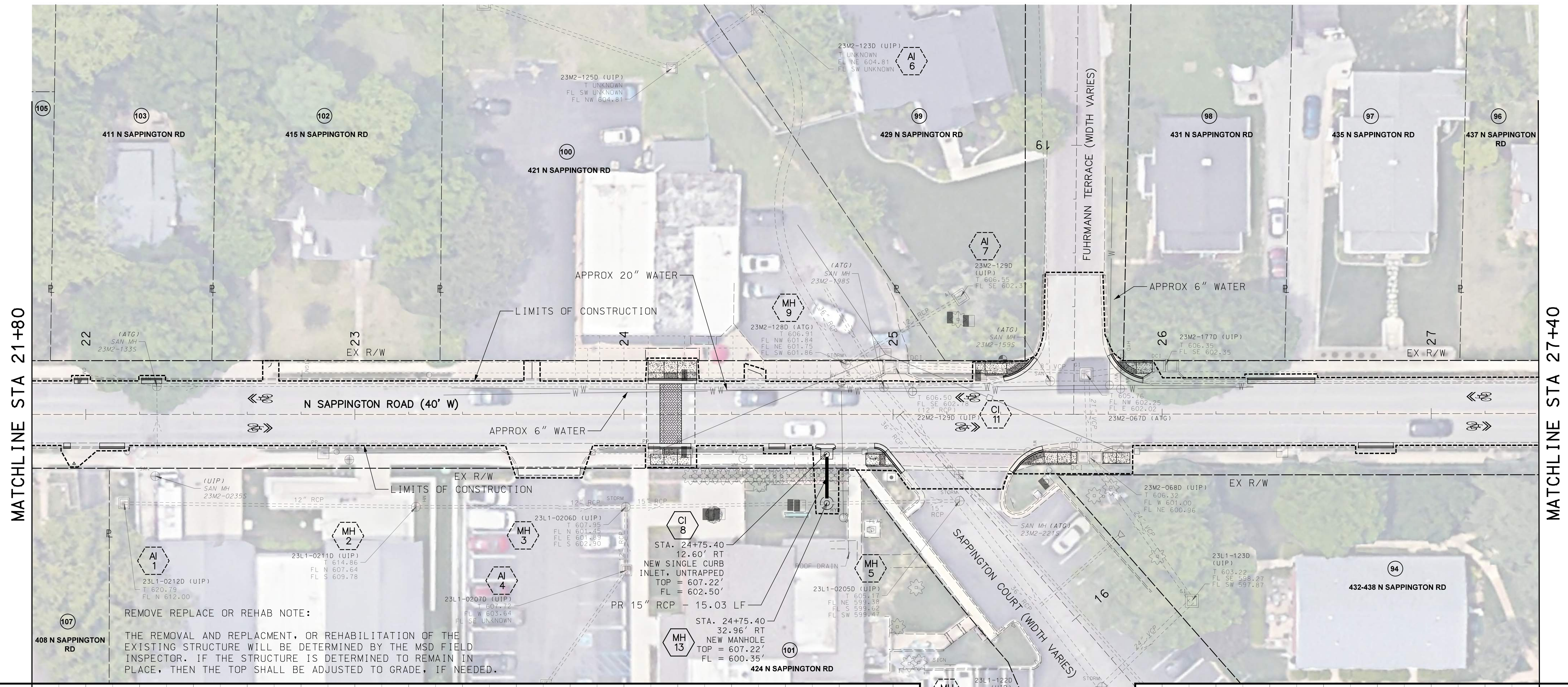
NORTH SAPPINGTON ROAD PRESERVATION
DRAINAGE PLAN
SHEET 2 OF 3

PROJECT/JOB NO. STP-5568(604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 56 OF 102

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

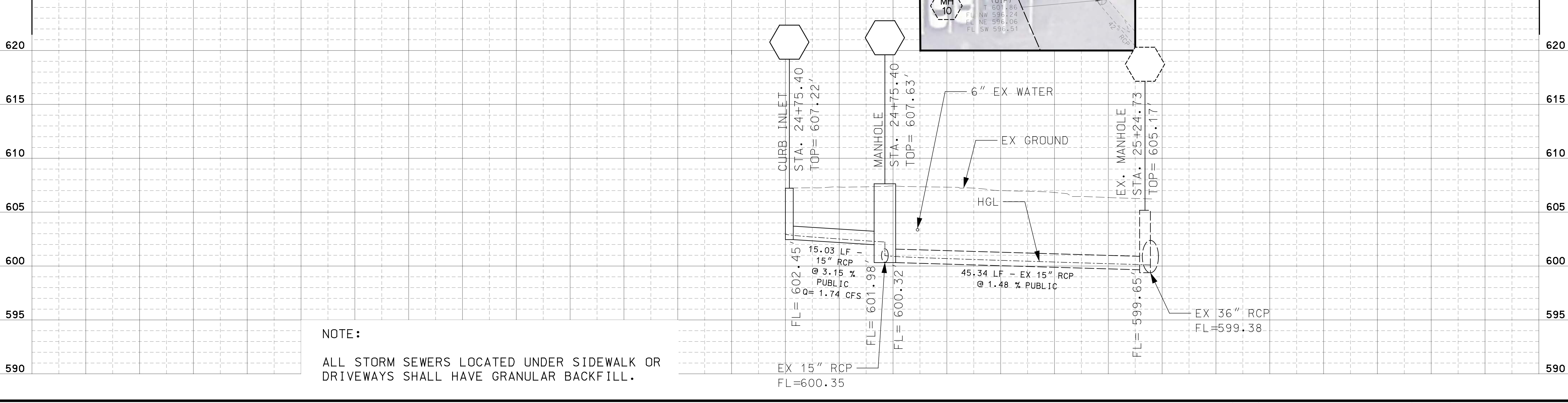
MATCHLINE STA 21+80

MATCHLINE STA 27+40



REMOVE REPLACE OR REHAB NOTE:
 THE REMOVAL AND REPLACMENT, OR REHABILITATION OF THE EXISTING STRUCTURE WILL BE DETERMINED BY THE MSD FIELD INSPECTOR. IF THE STRUCTURE IS DETERMINED TO REMAIN IN PLACE, THEN THE TOP SHALL BE ADJUSTED TO GRADE, IF NEEDED.

NOTE:
 ALL STORM SEWERS LOCATED UNDER SIDEWALK OR DRIVEWAYS SHALL HAVE GRANULAR BACKFILL.



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NORTH SAPPINGTON ROAD PRESERVATION DRAINAGE PLAN SHEET 3 OF 3

PROJECT/JOB NO.
STP-5568 (604)

MSD PROJECT NO.
25MSD-00108

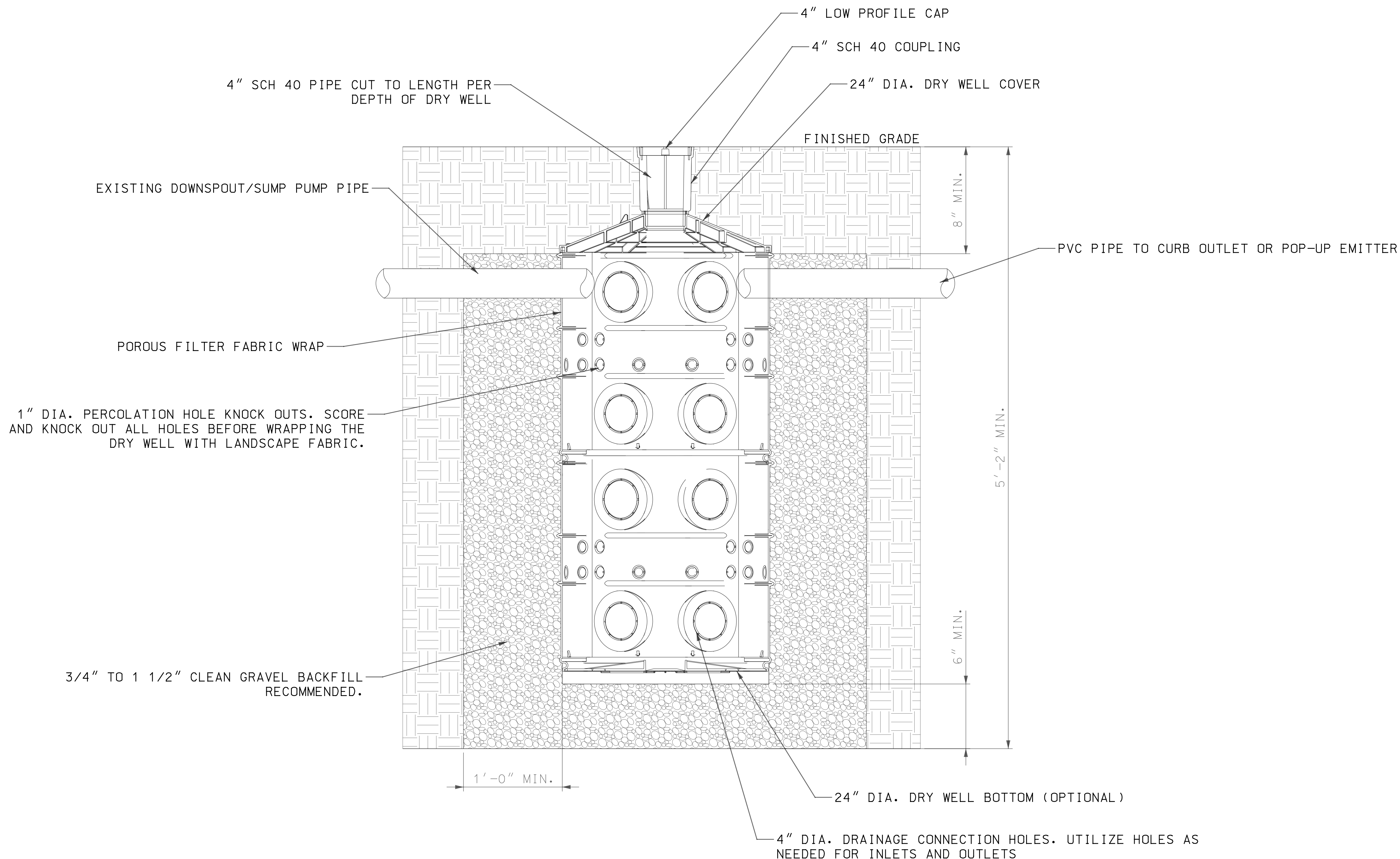
MSD BASE MAP
22L1, 22M3, 22L4, 23M2, 23M3

DATE PREPARED
1/27/2026

SHEET
57 OF 102

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DRY WELL INSTALLATION DETAIL



- NOTES:**
- CONTRACTOR SHALL PROVIDE SHOP DRAWINGS TO CITY FOR APPROVAL PRIOR TO ORDERING. INSTALLATION SHALL BE PER MANUFACTURER'S SPECIFICATIONS

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NORTH SAPPINGTON ROAD PRESERVATION
DRAINAGE DETAILS

PROJECT/JOB NO. STP-5568(604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 58 OF 102

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



W020-1
1



W020-2
2



W020-3
3



R11-4
4



R11-2
5



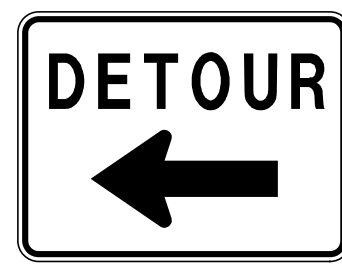
R6-2R
6R



R6-2L
6L



M04-9R
7R



M04-9L
7L



R6-1L
8L



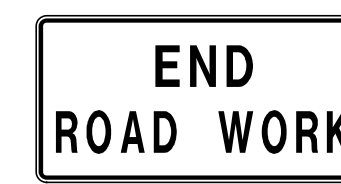
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8R



M04-10R
9R



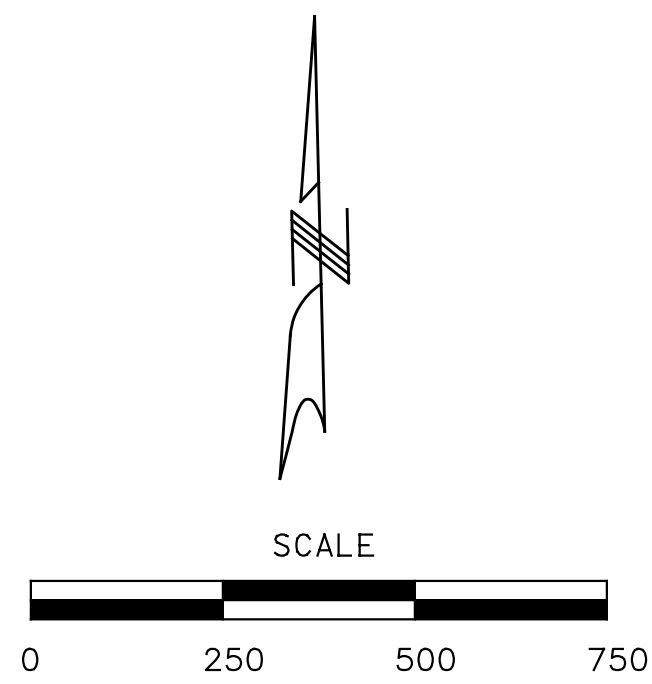
M04-10L
9L



G020-2
10



M04-8a
11



NB SAPPINGTON @ HAWBROOK AND NB SAPPINGTON ON SOUTH SIDE OF ESSEX



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**NORTH SAPPINGTON
ROAD PRESERVATION**
TRAFFIC CONTROL PLANS
DETOUR MAP 1 OF 9

PROJECT/JOB NO.	STP-5568(604)
MSD PROJECT NO.	25MSD-00108
MSD BASE MAP	22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED	1/27/2026
SHEET	59 OF 102

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W020-1
1



W020-2
2



W020-3
3



R11-4
4



R11-2
5



R6-2R
6R



R6-2L
6L



M04-9R
7R



M04-9L
7L



R6-1L
8L



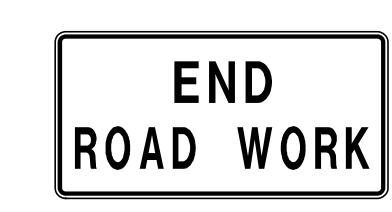
R6-1R
8R



M04-10R
9R



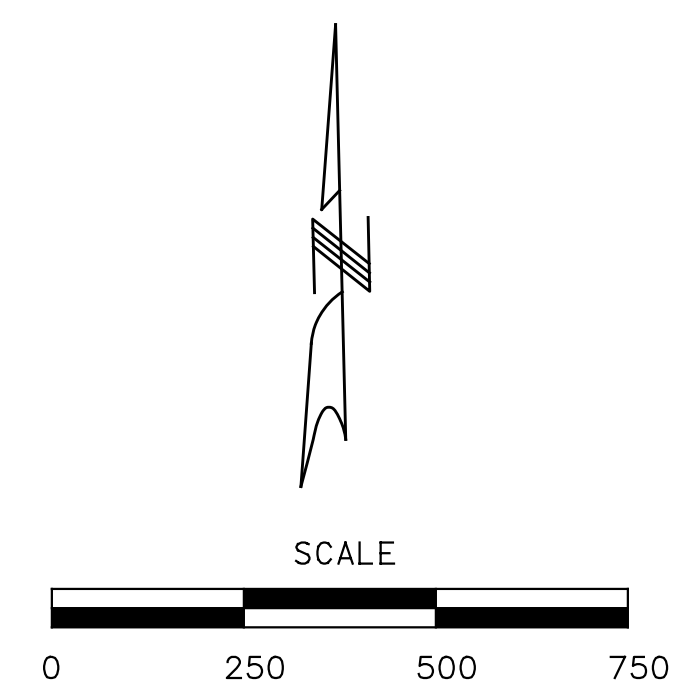
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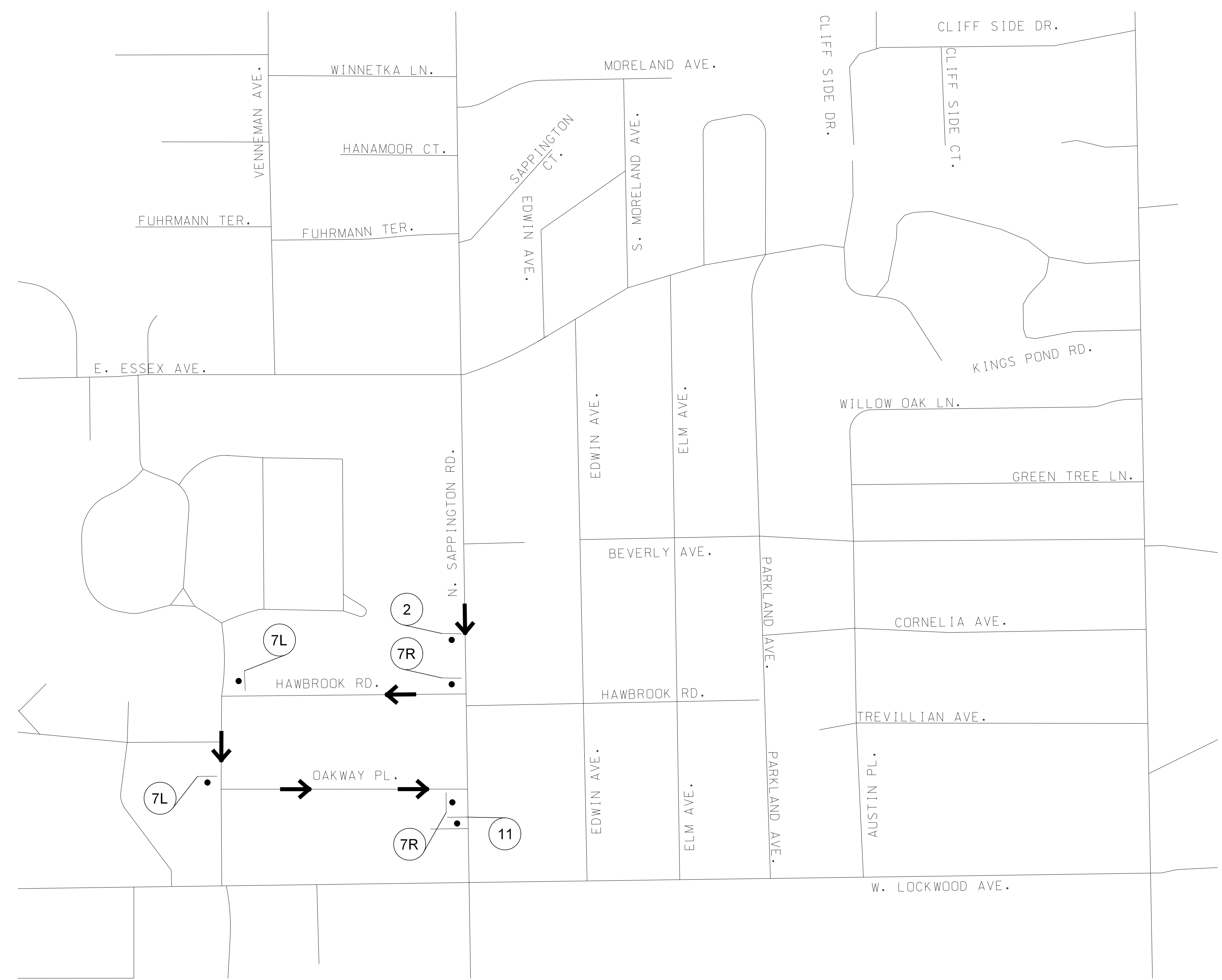
G020-2
10



M04-8a
11



SB SAPPINGTON @ HAWBROOK



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NORTH SAPPINGTON ROAD PRESERVATION
TRAFFIC CONTROL PLANS
DETOUR MAP 2 OF 9

PROJECT/JOB NO.	STP-5568(604)
MSD PROJECT NO.	25MSD-00108
MSD BASE MAP	22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED	1/27/2026
SHEET	60 OF 102

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W020-1
1



W020-2
2



W020-3
3



R11-4
4



R11-2
5



R6-2R
6R



R6-2L
6L



M04-9R
7R



M04-9L
7L



R6-1L
8L



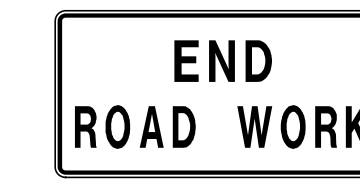
R6-1R
8R



M04-10R
9R



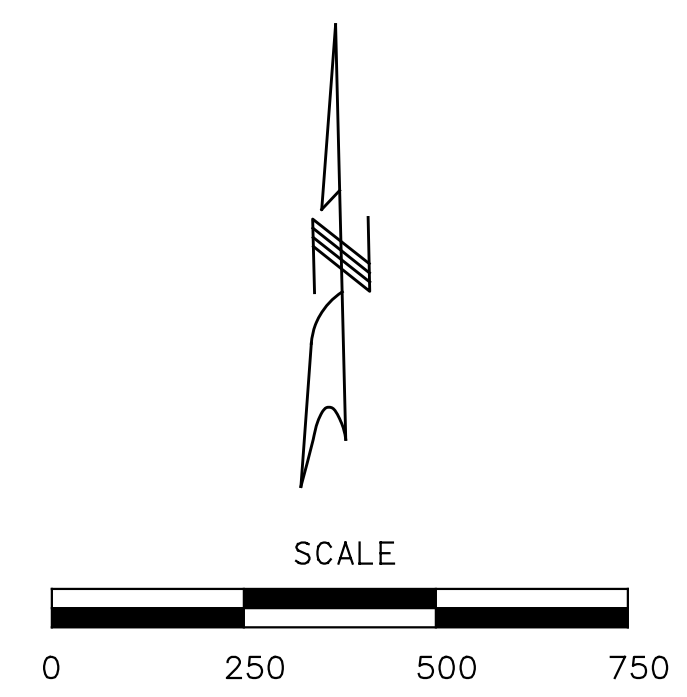
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9L



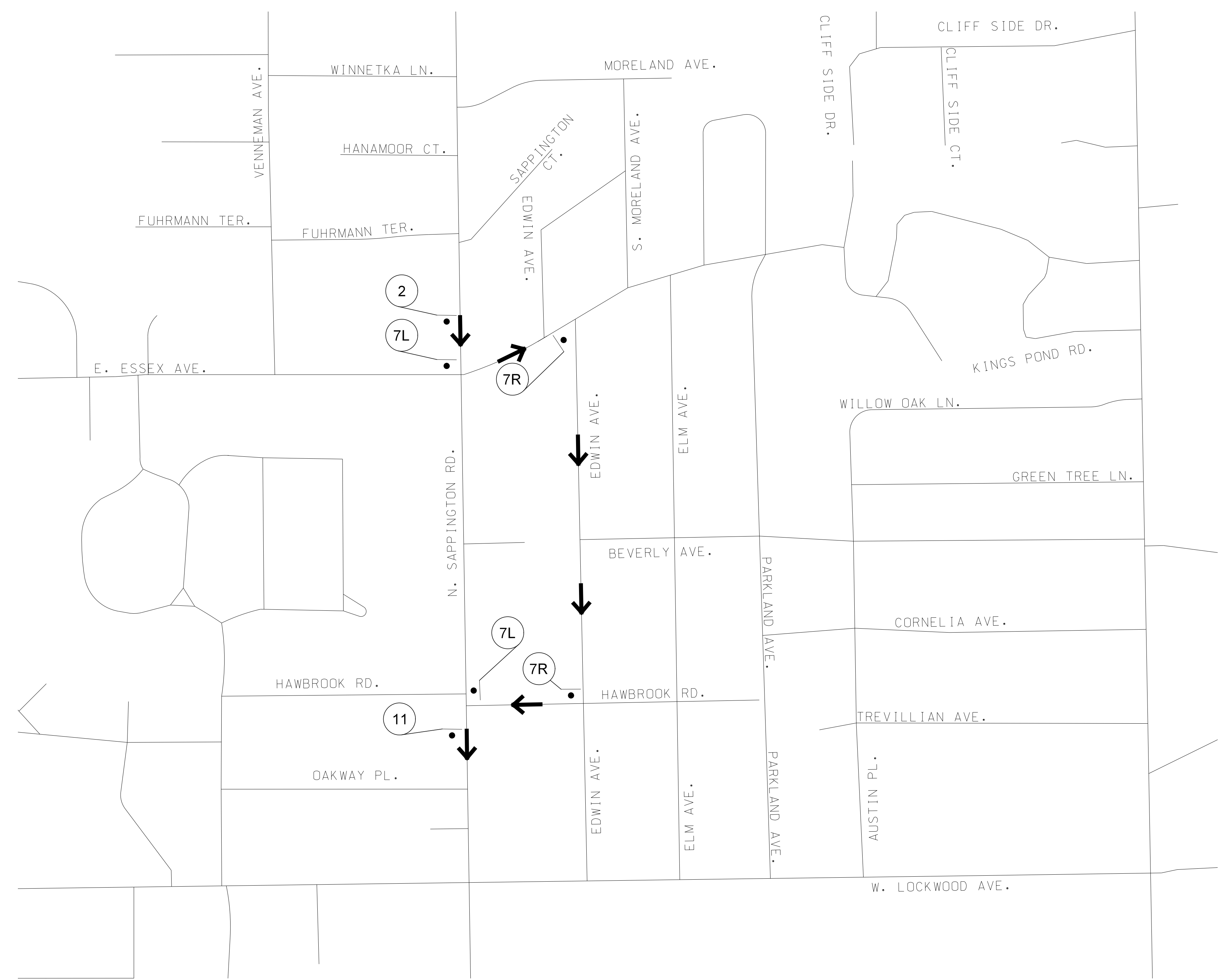
G020-2
10



M04-8a
11



SB SAPPINGTON @ SOUTH SIDE OF ESSEX



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NORTH SAPPINGTON ROAD PRESERVATION
TRAFFIC CONTROL PLANS
DETOUR MAP 3 OF 9

PROJECT/JOB NO.	STP-5568(604)
MSD PROJECT NO.	25MSD-00108
MSD BASE MAP	22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED	1/27/2026
SHEET	61 OF 102

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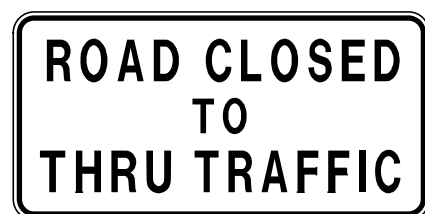
W020-1
1



W020-2
2



W020-3
3



R11-4
4



R11-2
5



R6-2R
6R



R6-2L
6L



M04-9R
7R



M04-9L
7L



R6-1L
8L



R6-1R
8R



M04-10R
9R



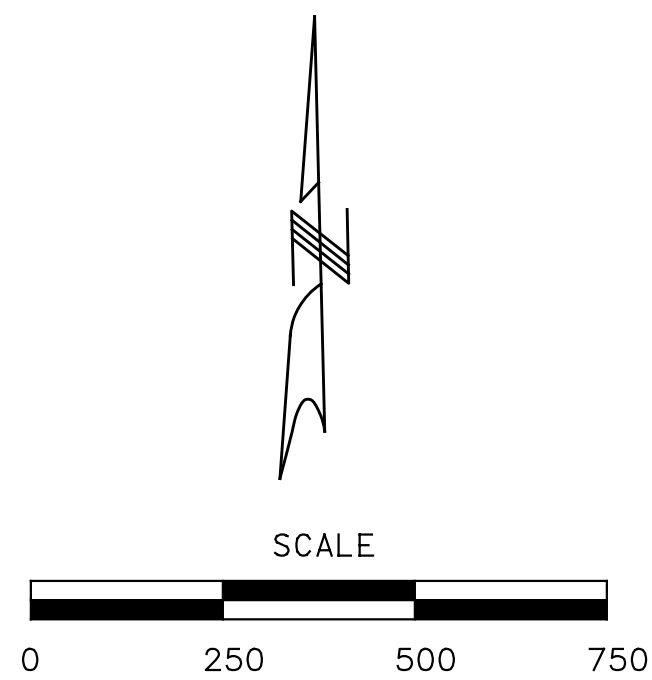
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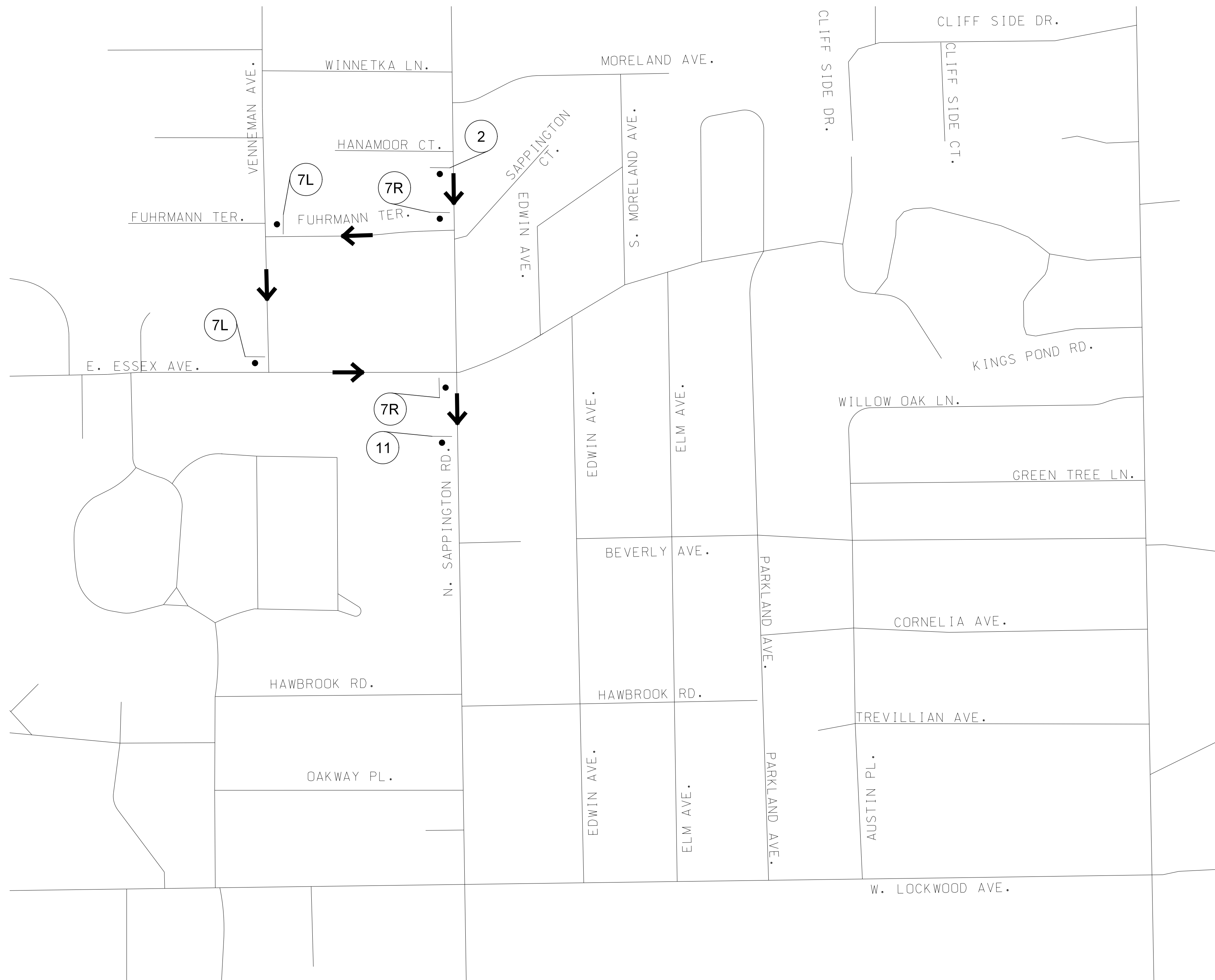
G020-2
10



M04-8a
11



SB SAPPINGTON @ CITY HALL AND SB SAPPINGTON @ NORTH SIDE OF ESSEX



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**NORTH SAPPINGTON
ROAD PRESERVATION**
TRAFFIC CONTROL PLANS
DETOUR MAP 4 OF 9

PROJECT/JOB NO.	STP-5568(604)
MSD PROJECT NO.	25MSD-00108
MSD BASE MAP	22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED	1/27/2026
SHEET	62 OF 102

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W020-1
1



W020-2
2



W020-3
3



R11-4
4



R11-2
5



R6-2R
6R



R6-2L
6L



M04-9R
7R



M04-9L
7L



R6-1L
8L



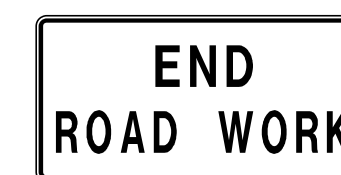
R6-1R
8R



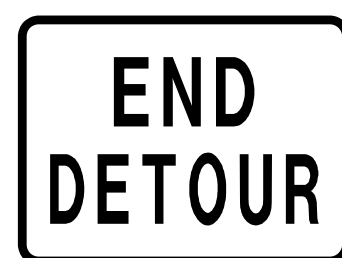
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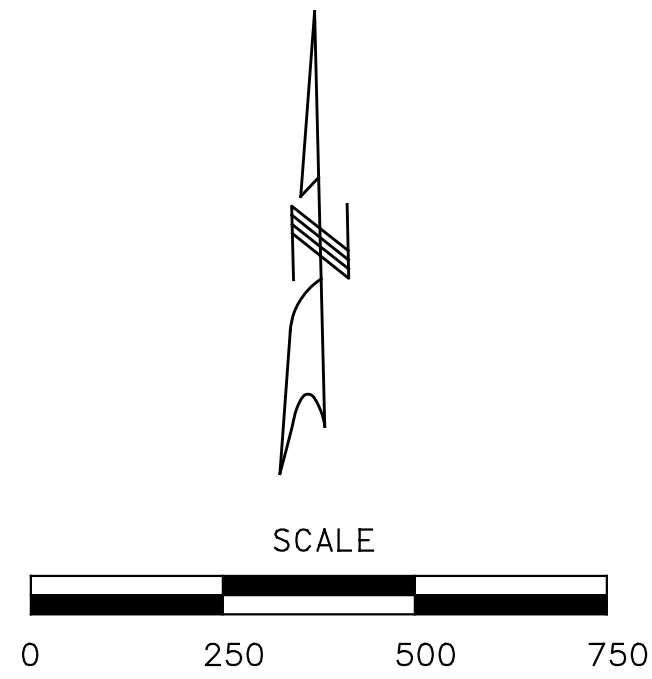
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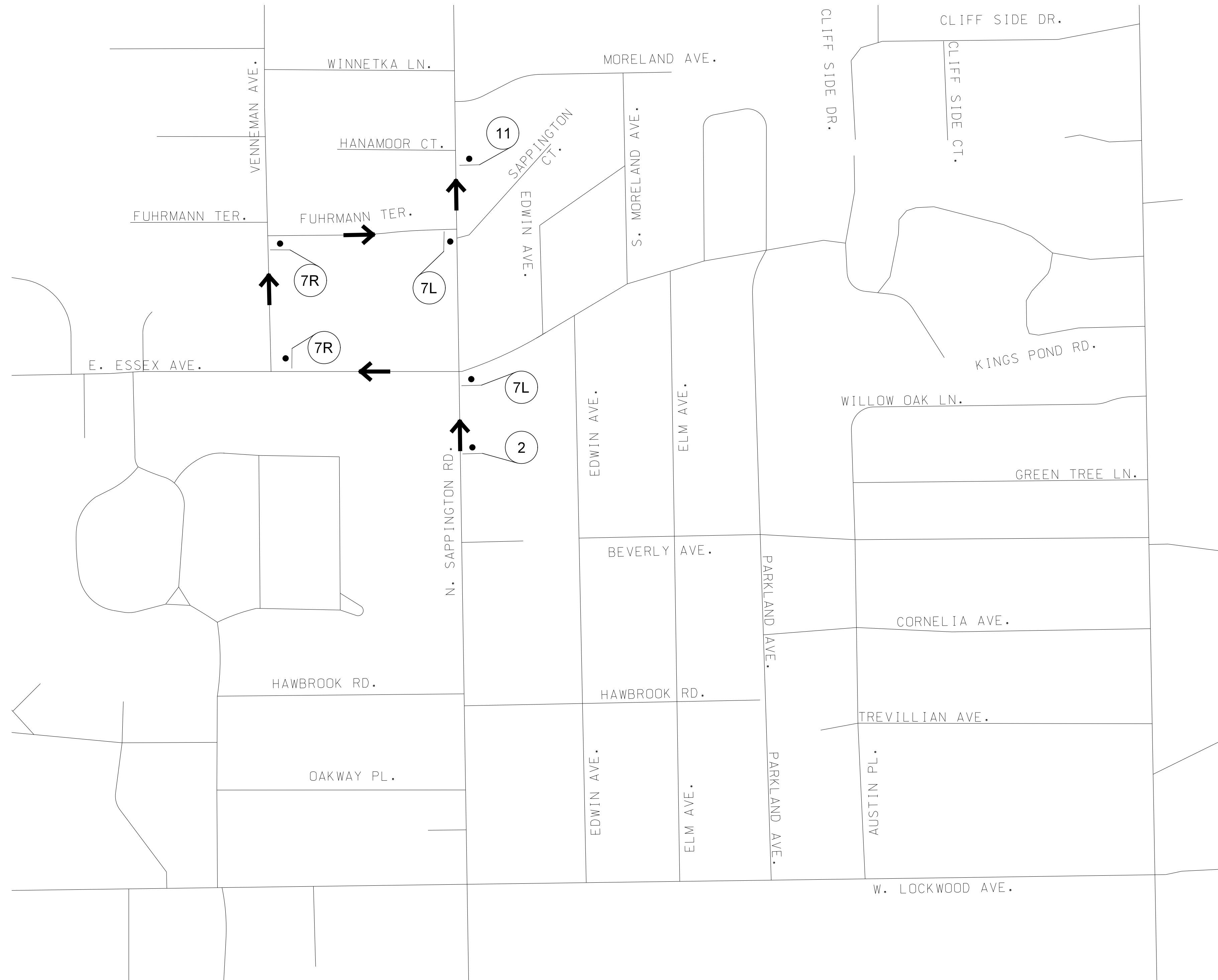
G020-2
10



M04-8a
11



NB SAPPINGTON @ CITY HALL AND NB SAPPINGTON @ NORTH SIDE OF ESSEX



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NORTH SAPPINGTON
 ROAD PRESERVATION
 TRAFFIC CONTROL PLANS
 DETOUR MAP 5 OF 9

PROJECT/JOB NO.	STP-5568(604)
MSD PROJECT NO.	25MSD-00108
MSD BASE MAP	22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED	1/27/2026
SHEET	63 OF 102

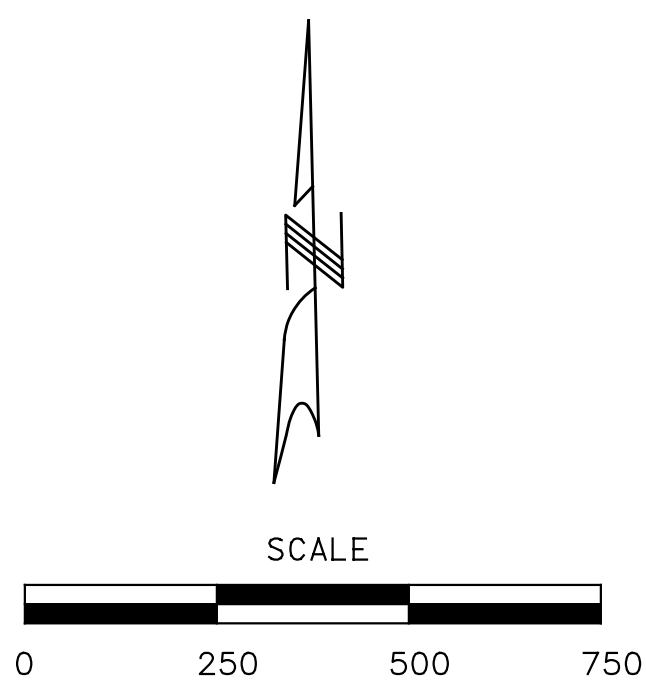
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



W020-1
1



W020-2
2



NB SAPPINGTON @ NORTH GLENDALE ELEMENTARY



W020-3
3



R11-4
4



R11-2
5



R6-2R
6R



R6-2L
6L



M04-9R
7R



M04-9L
7L



R6-1L
8L



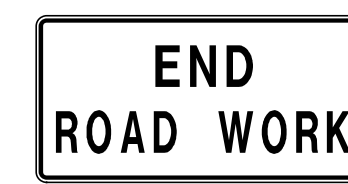
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8R



M04-10R
9R



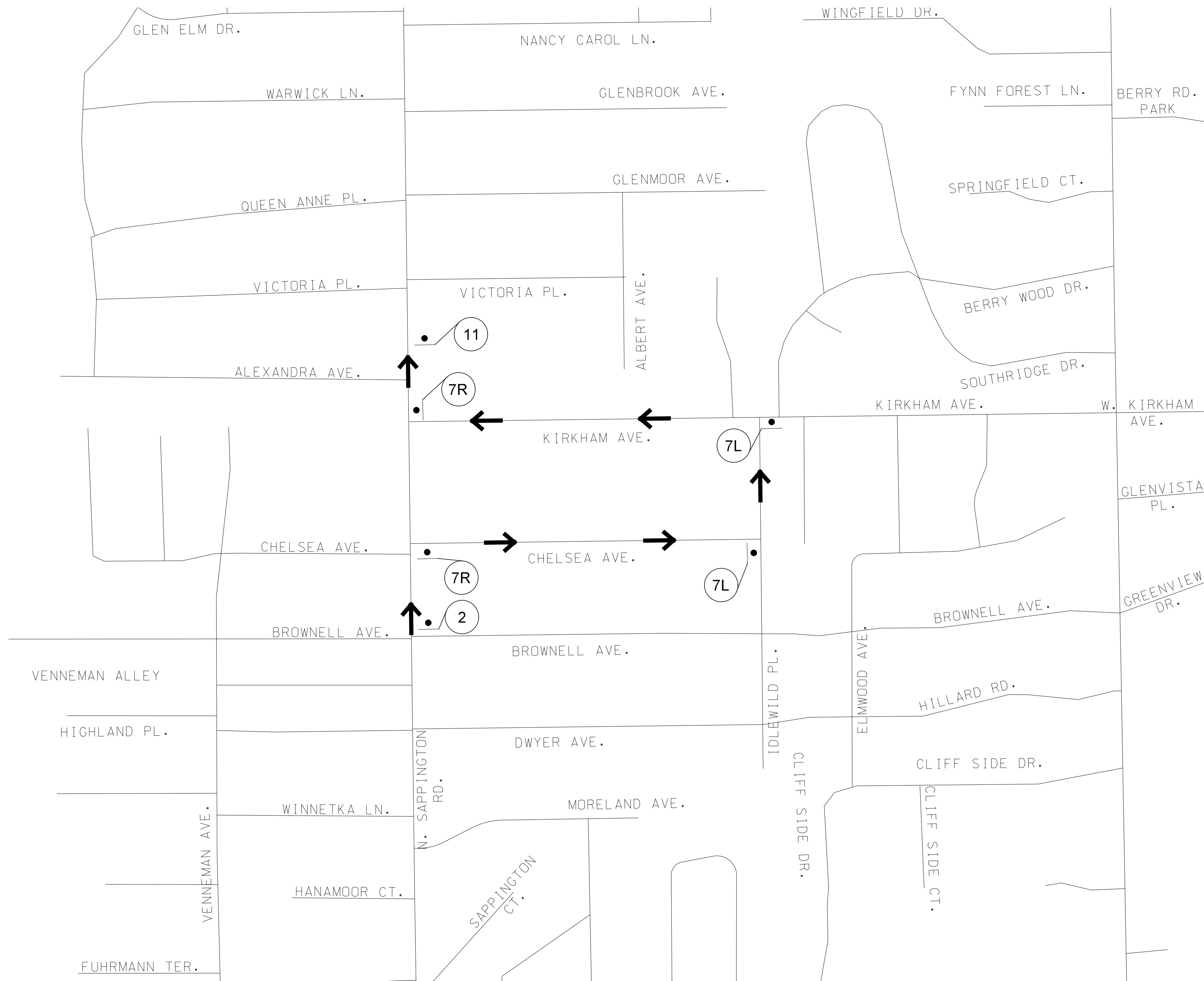
M04-10L
9L



G020-2
10



M04-8a
11



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NORTH SAPPINGTON ROAD PRESERVATION
TRAFFIC CONTROL PLANS
DETOUR MAP 6 OF 9

PROJECT/JOB NO.	STP-5568(604)
MSD PROJECT NO.	25MSD-00108
MSD BASE MAP	22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED	1/27/2026
SHEET	64 OF 102

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W020-1
1



W020-2
2



W020-3
3



R11-4
4



R11-2
5



R6-2R
6R



R6-2L
6L



M04-9R
7R



M04-9L
7L



R6-1L
8L



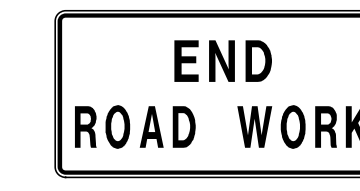
R6-1R
8R



M04-10R
9R



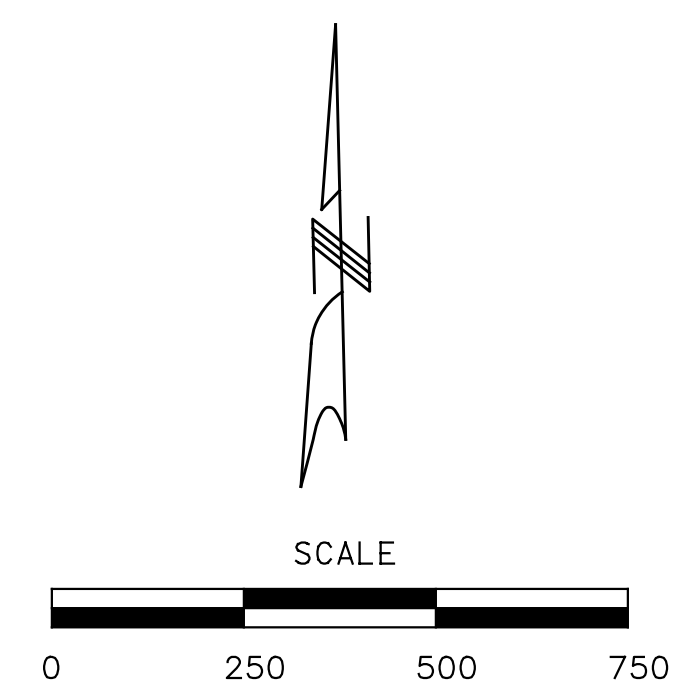
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9L



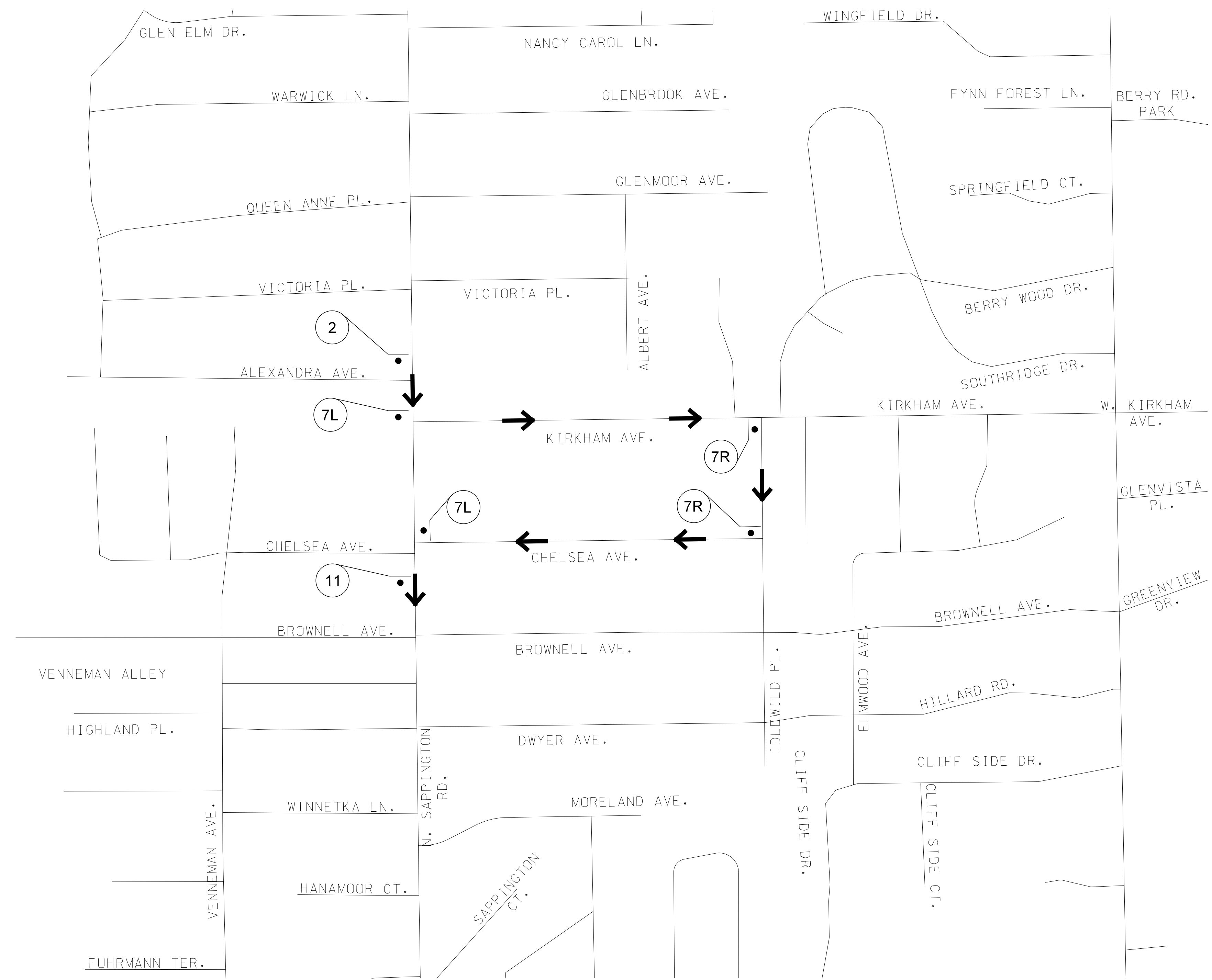
G020-2
10



M04-8a
11



SB SAPPINGTON @ NORTH GLENDALE ELEMENTARY



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NORTH SAPPINGTON ROAD PRESERVATION
TRAFFIC CONTROL PLANS
DETOUR MAP 7 OF 9

PROJECT/JOB NO.	STP-5568(604)
MSD PROJECT NO.	25MSD-00108
MSD BASE MAP	22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED	1/27/2026
SHEET	65 OF 102

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W020-1
1



W020-2
2



W020-3
3



R11-4
4



R11-2
5



R6-2R
6R



R6-2L
6L



M04-9R
7R



M04-9L
7L



R6-1L
8L



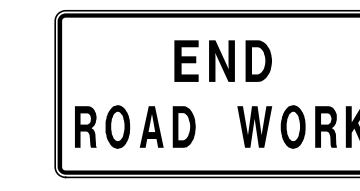
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8R



M04-10R
9R



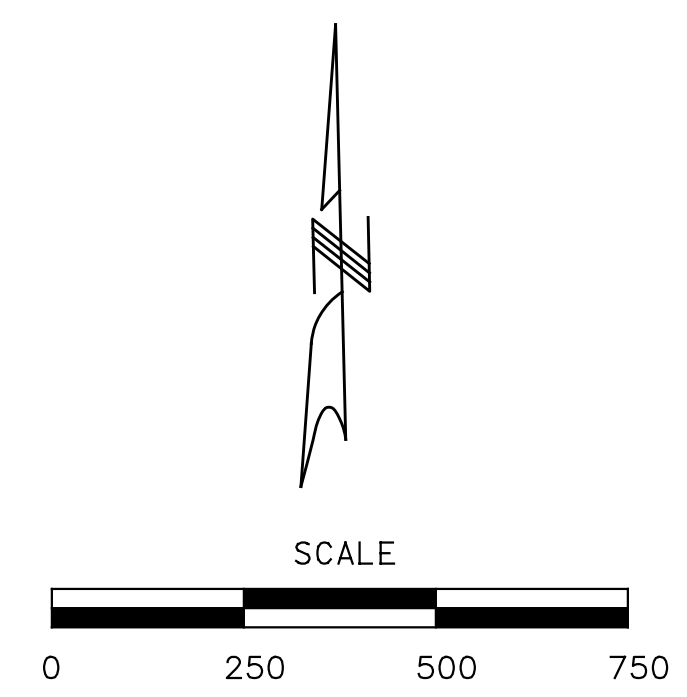
M04-10L
9L



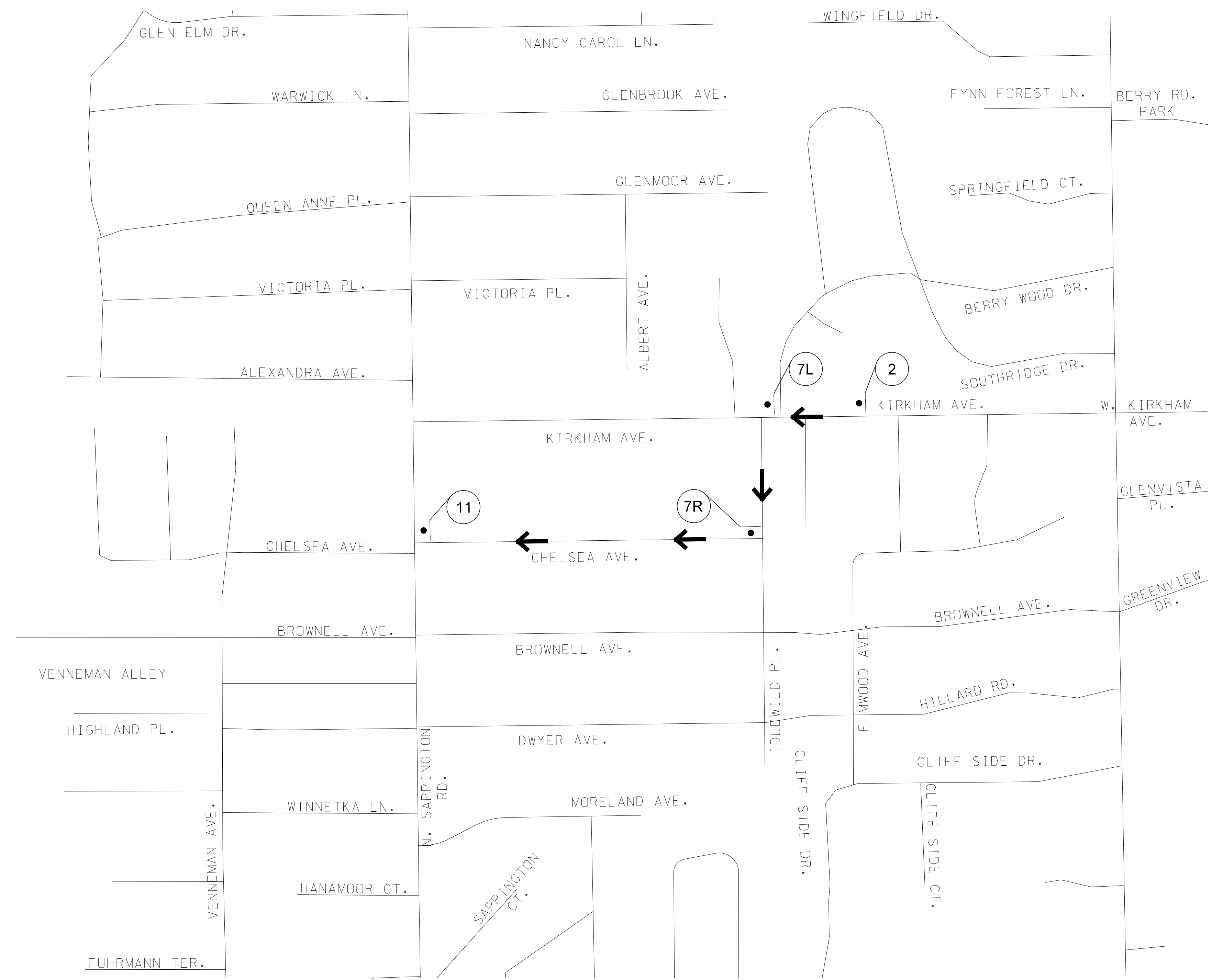
G020-2
10



M04-8a
11



WB KIRKHAM TO SAPPINGTON



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NORTH SAPPINGTON ROAD PRESERVATION
TRAFFIC CONTROL PLANS
DETOUR MAP 8 OF 9

PROJECT/JOB NO.	STP-5568(604)
MSD PROJECT NO.	25MSD-00108
MSD BASE MAP	22L1, 22M3, 22L4, 23M2, 23M3
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SHEET	66 OF 102

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W020-1
1



W020-2
2



W020-3
3



R11-4
4



R11-2
5



R6-2R
6R



R6-2L
6L



M04-9R
7R



M04-9L
7L



R6-1L
8L



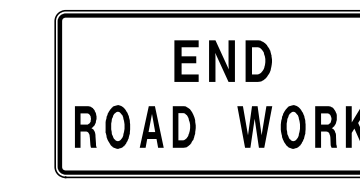
R6-1R
8R



M04-10R
9R



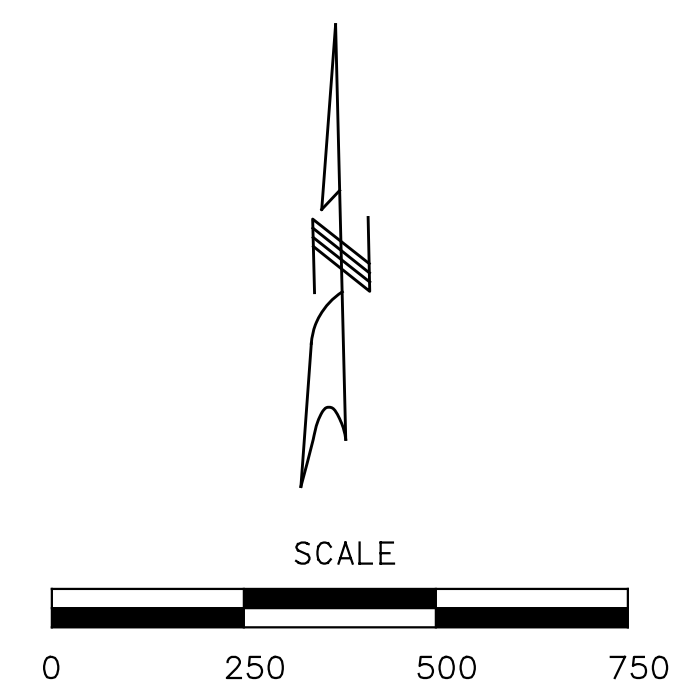
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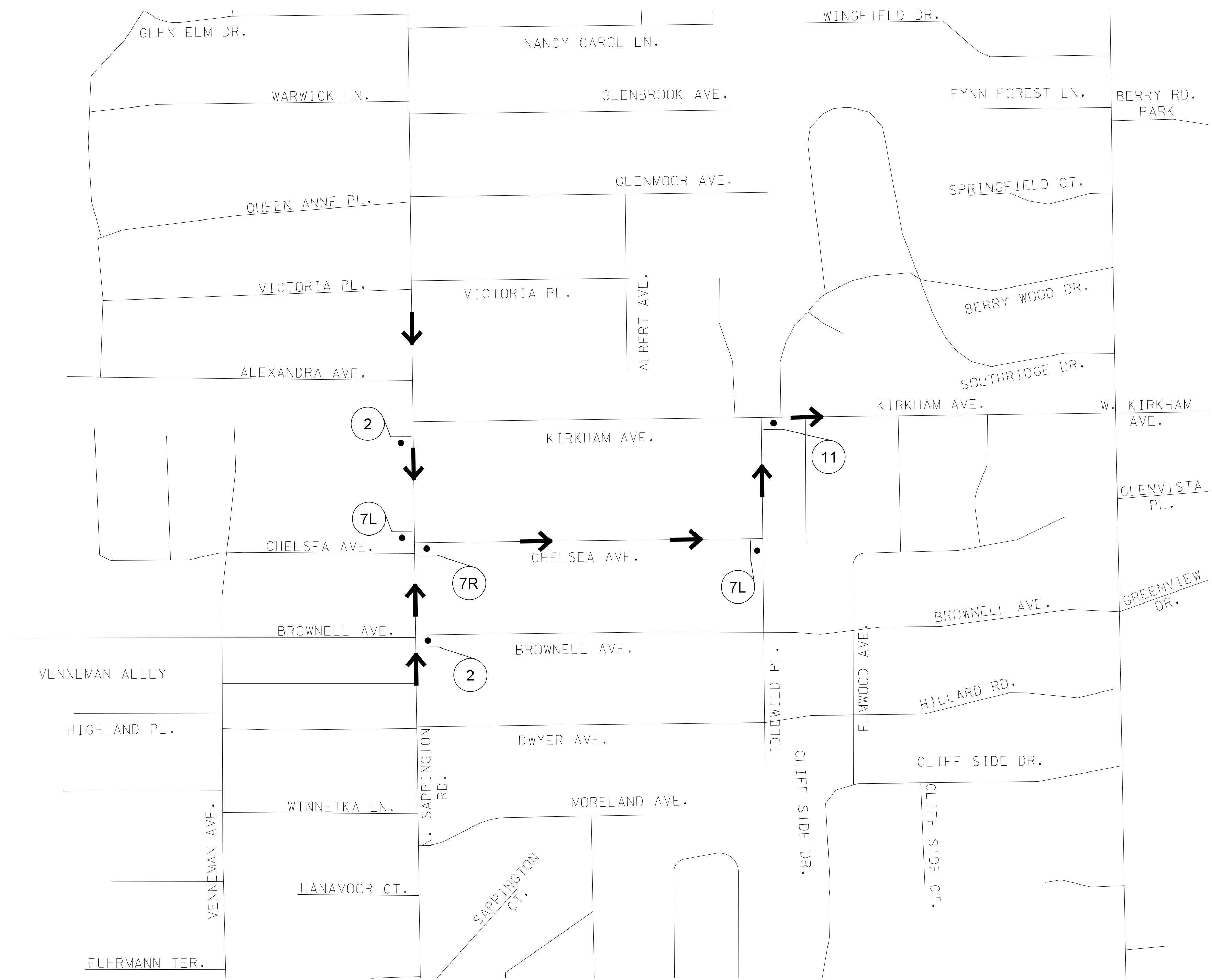
G020-2
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M04-8a
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SAPPINGTON TO EB KIRKHAM



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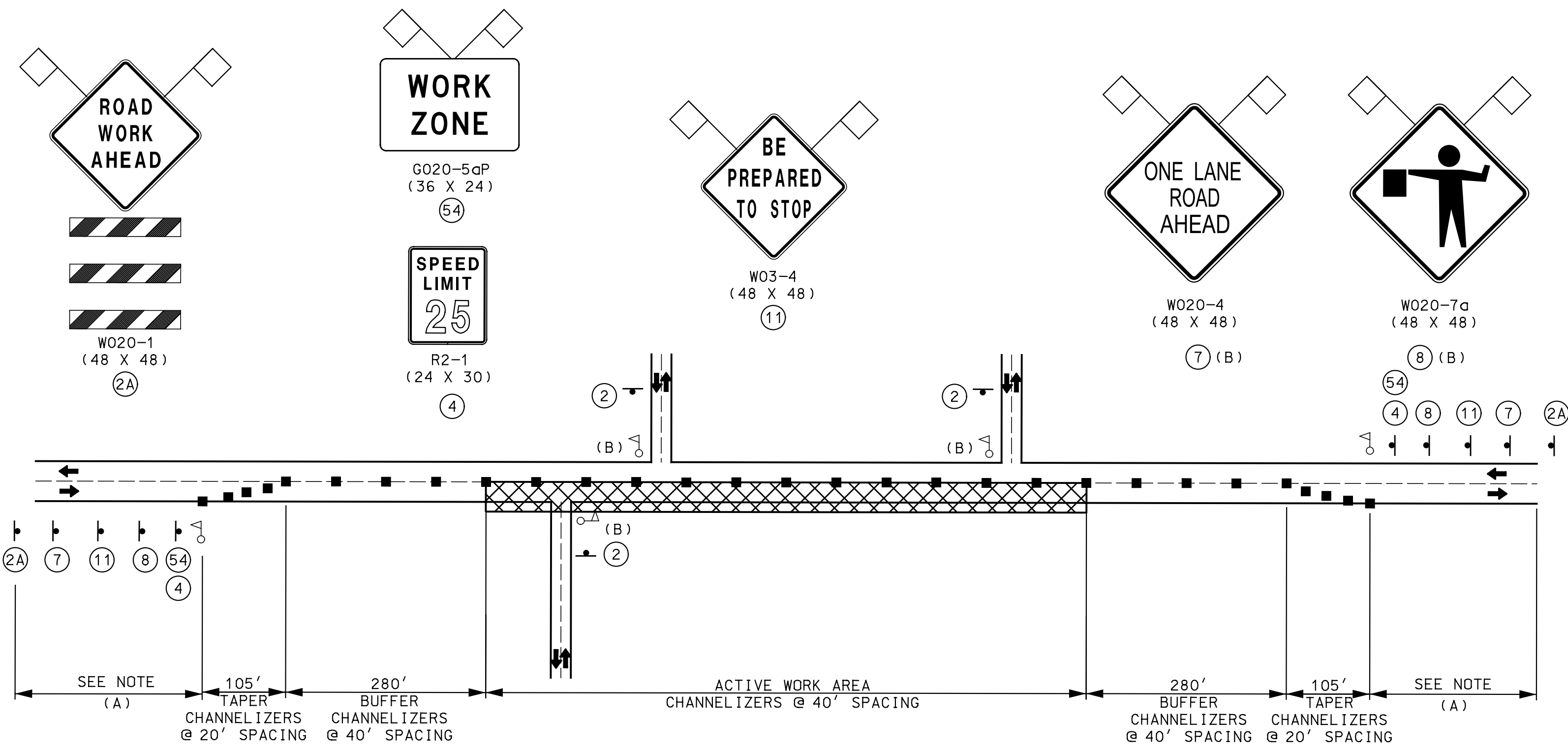
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NORTH SAPPINGTON ROAD PRESERVATION
TRAFFIC CONTROL PLANS
DETOUR MAP 9 OF 9

PROJECT/JOB NO.	STP-5568(604)
MSD PROJECT NO.	25MSD-00108
MSD BASE MAP	22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED	1/27/2026
SHEET	67 OF 102

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TYPICAL FLAGGER CONTROL
ONE LANE / TWO-WAY OPERATION

(A) SIGNS SHALL BE SPACED AT 200'.
(B) PROVIDE FLAGGER AT ALL SIDE ROADS.

TRAFFIC CONTROL PLAN GENERAL NOTES

1. FLAGGING OPERATIONS WILL BE ALLOWED DURING DAYLIGHT HOURS ONLY.
2. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING SIGNS.
3. NO DIRECT PAYMENT WILL BE MADE FOR COVERING SIGNS.
4. COMPLETELY COVER OR REMOVE ALL EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL SIGNING.
5. COVER OR REMOVE ALL SIGNS WHEN NOT IN USE.
6. USE IN PLACE ALL EXISTING SIGNS WHICH DO NOT CONFLICT WITH THIS PLAN.
7. NO DIRECT PAYMENT WILL BE MADE FOR ANY TEMPORARY PIPES OR CULVERTS, TEMPORARY PIPE PLUGS, TEMPORARY INLET COVERS, TEMPORARY DITCHING, OR RELOCATION OF EXISTING DRIVEWAY/ENTRANCE CULVERTS, DETERMINED TO BE REQUIRED IN ORDER TO CONSTRUCT THE PROJECT.
8. ACCESS TO PRIVATE ENTRANCES AND COMMERCIAL ENTRANCES SHALL BE MAINTAINED AT ALL TIMES, UNLESS OTHERWISE SHOWN ON THESE PLANS.
9. SPACINGS SHOWN MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS

SIGN SPACING FOR ADVANCE SIGN SERIES	
SPACING BETWEEN SIGNS AND SPACING BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER, OR SIGNED CONDITION.	
SPEED MPH (S)	NON-DIVIDED HIGHWAYS
UP TO 35	200 FT

TRAFFIC CONTROL LEGEND

- ↳ SIGN - (SINGLE SIDED)
- ↔ SIGN - (DOUBLE SIDED)
- ♠ FLAGGER
- ▬ CHANNELIZER
- TTB TEMPORARY TRAFFIC BARRIER (TTB)
- E MOVABLE BARRICADE (TYPE 3)
- CMMS CHANGEABLE MESSAGE SIGN (CMS)
- ▨ TEMPORARY PAVEMENT WIDENING
- ▩ ACTIVE WORK AREA
- TEMPORARY LANE USAGE (ACTIVE WORK)
- ⇨ PERMANENT LANE USAGE (NON-ACTIVE WORK)
- ◀ DIRECTIONAL INDICATOR BARRICADE (DIB)
- ⬇ FLASHING ARROW PANEL
- ⊘ ATTENUATOR
- DSY = 4 IN. DOUBLE SOLID YELLOW PAINT
- SY = 4 IN. SOLID YELLOW PAINT
- SW = 4 IN. SOLID WHITE PAINT
- BY = 4 IN. BROKEN YELLOW PAINT
- SB = 24 IN. WHITE REMOVABLE MARKING TAPE (STOP BAR)
- DSYT = 4 IN. DOUBLE SOLID YELLOW TAPE
- SYT = 4 IN. SOLID YELLOW TAPE
- SWT = 4 IN. SOLID WHITE TAPE

MAINTENANCE OF TRAFFIC NOTES:

THE PURPOSE FOR CONSTRUCTION STAGING IS TO FACILITATE TRAFFIC FLOW AND MINIMIZE DELAYS TO THE MOTORIST. THE CONTRACTOR MAY IMPROVE OR MODIFY THE SEQUENCE OF CONSTRUCTION AS SUGGESTED ON THE PLANS HEREIN.

PRIOR TO THE START OF CONSTRUCTION, ALL REQUIRED TRAFFIC CONTROL DEVICES (SIGNAGE, STRIPING, ETC.) SHALL BE IN PLACE.

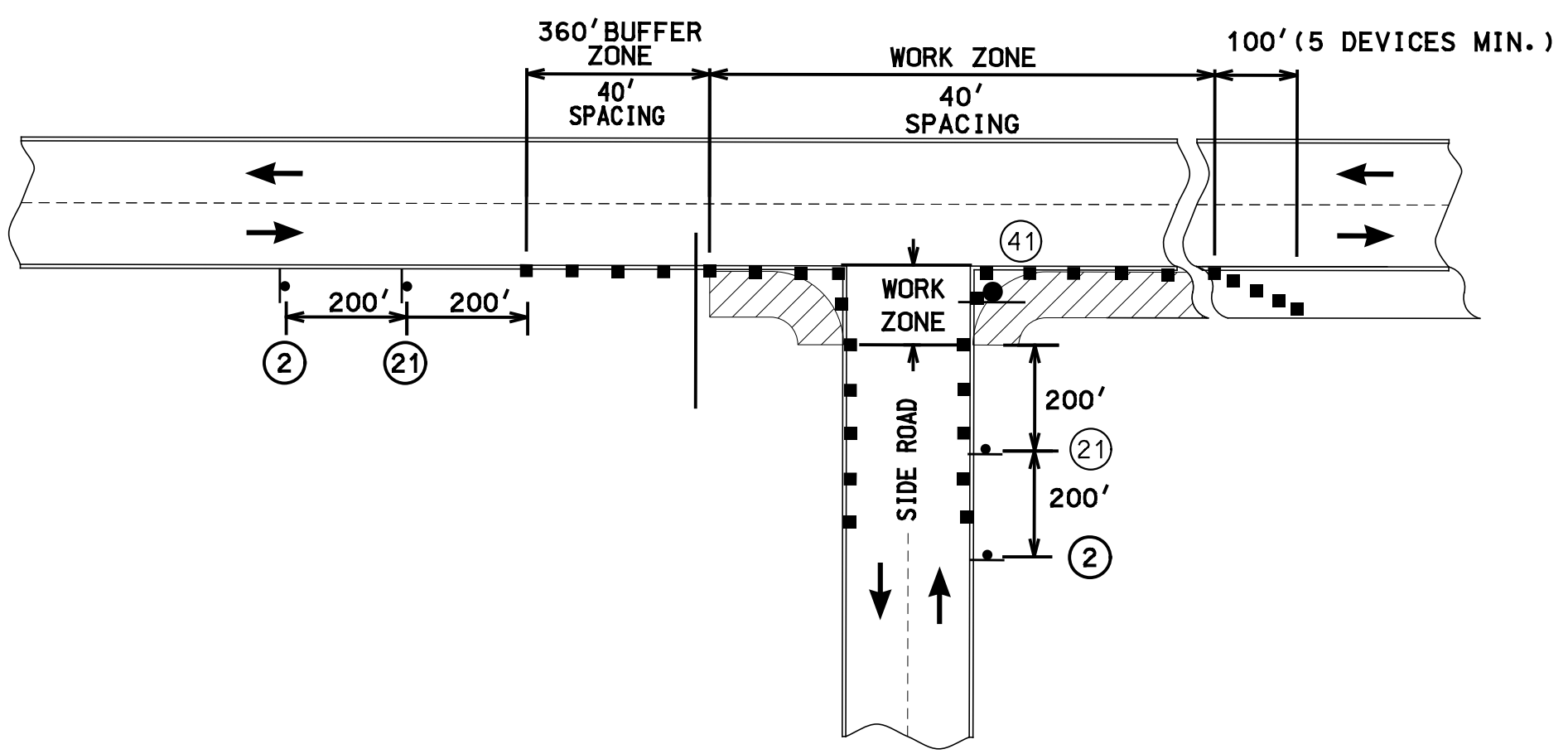
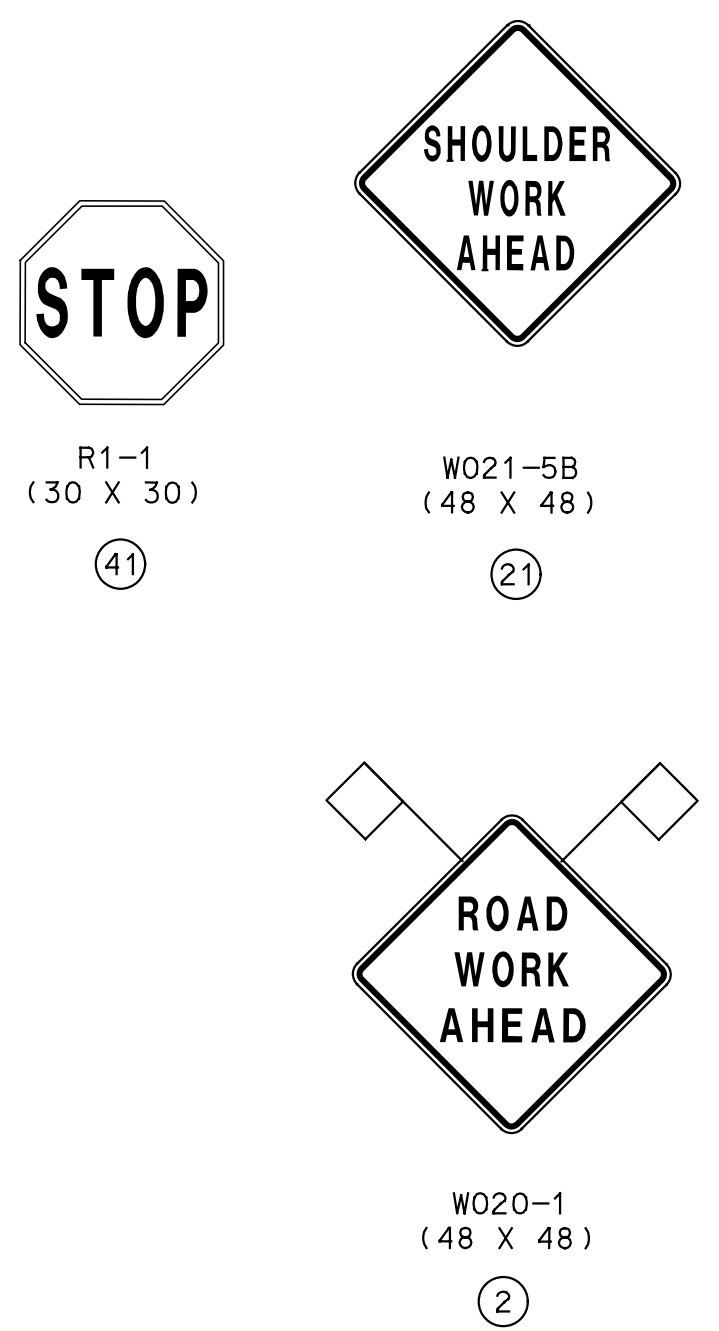
DURING CONSTRUCTION NORTH SAPPINGTON ROAD MAY BE LIMITED TO ONE LANE FOR USE BY LOCAL TRAFFIC. A MINIMUM OF ONE ACTIVE THROUGH LANE SHALL BE KEPT OPEN TO TRAFFIC AT ALL TIMES. IF ANY LANE OF ANY STREET MUST BE CLOSED AT ANY TIME DUE TO CONSTRUCTION, IT SHALL BE APPROVED ONLY FOR SHORT DURATIONS, DURING NON-PEAK TRAFFIC TIMES. THESE CLOSURES MUST BE APPROVED IN WRITING BY THE ENGINEER.

OPEN EXCAVATIONS WITHIN 5 FEET OF TRAFFIC SHALL BE BACK FILLED OR PLATED WHEN WORK IS NOT ACTIVELY BEING PERFORMED. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS WORK, BUT SHALL BE INCLUDED IN THE RELATED PAY ITEMS.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND TRAFFIC CONTROL DEVICES MAY BE ADJUSTED TO FIT FIELD CONDITIONS, AS DIRECTED BY THE ENGINEER.

ALL CONSTRUCTION SIGNS NOT APPLICABLE AT ANY GIVEN TIME SHALL BE COVERED OR REMOVED. STOP SIGNS THAT MUST BE REMOVED DUE TO CONSTRUCTION ACTIVITIES SHALL BE REPLACED WITH TEMPORARY SIGNAGE UNTIL PERMANENT SIGNS ARE INSTALLED.

CONTRACTOR SHALL PROVIDE ACCESS TO ADJACENT PRIVATE PROPERTY AT ALL TIMES. PARCELS THAT DO NOT HAVE SIDE STREET ACCESS MAY REQUIRE TEMPORARY ACCESS DURING CONSTRUCTION. THE COST OF PROVIDING SAID ACCESS SHALL BE INCLUDED IN THE OVERALL COST OF TRAFFIC CONTROL FOR THE PROJECT.



SHOULDER WORK AT SIDE ROADS

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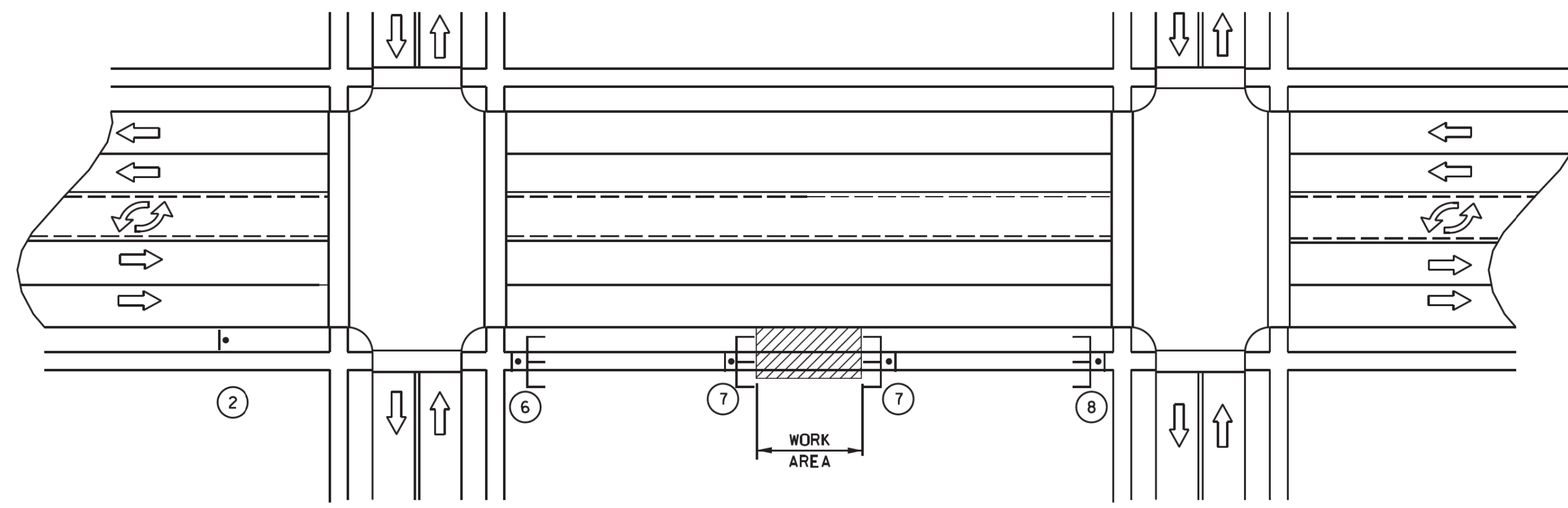
NORTH SAPPINGTON
ROAD PRESERVATION
TRAFFIC CONTROL PLANS
STAGING DETAILS

PROJECT/JOB NO. STP-5568(604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 68 OF 102

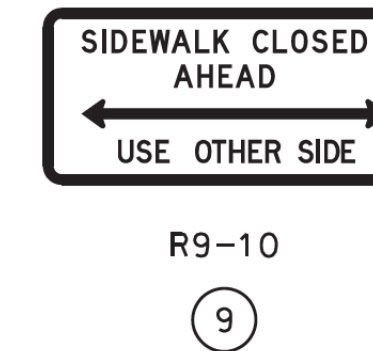
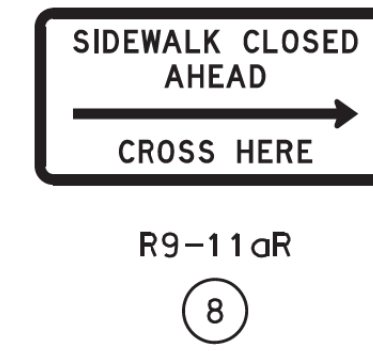
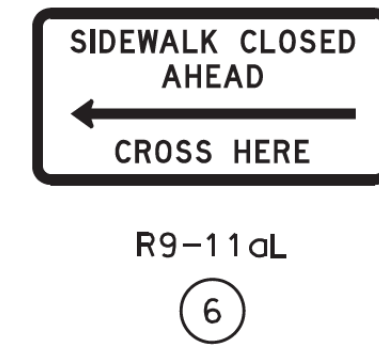
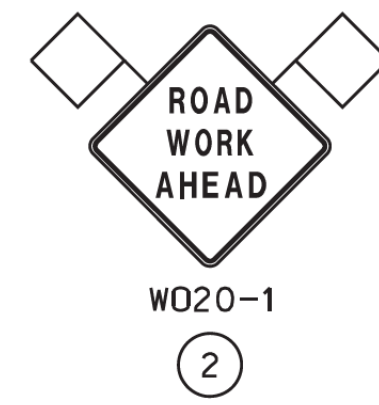
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LEGEND
SYMBOLS USED ON TRAFFIC CONTROL PLANS

	LANE USAGE
	CHANNELIZERS
	SIGN
	FLAGGER
	WORK ZONE
	FLASHING ARROW PANEL
	TYPE III MOVEABLE BARRICADE

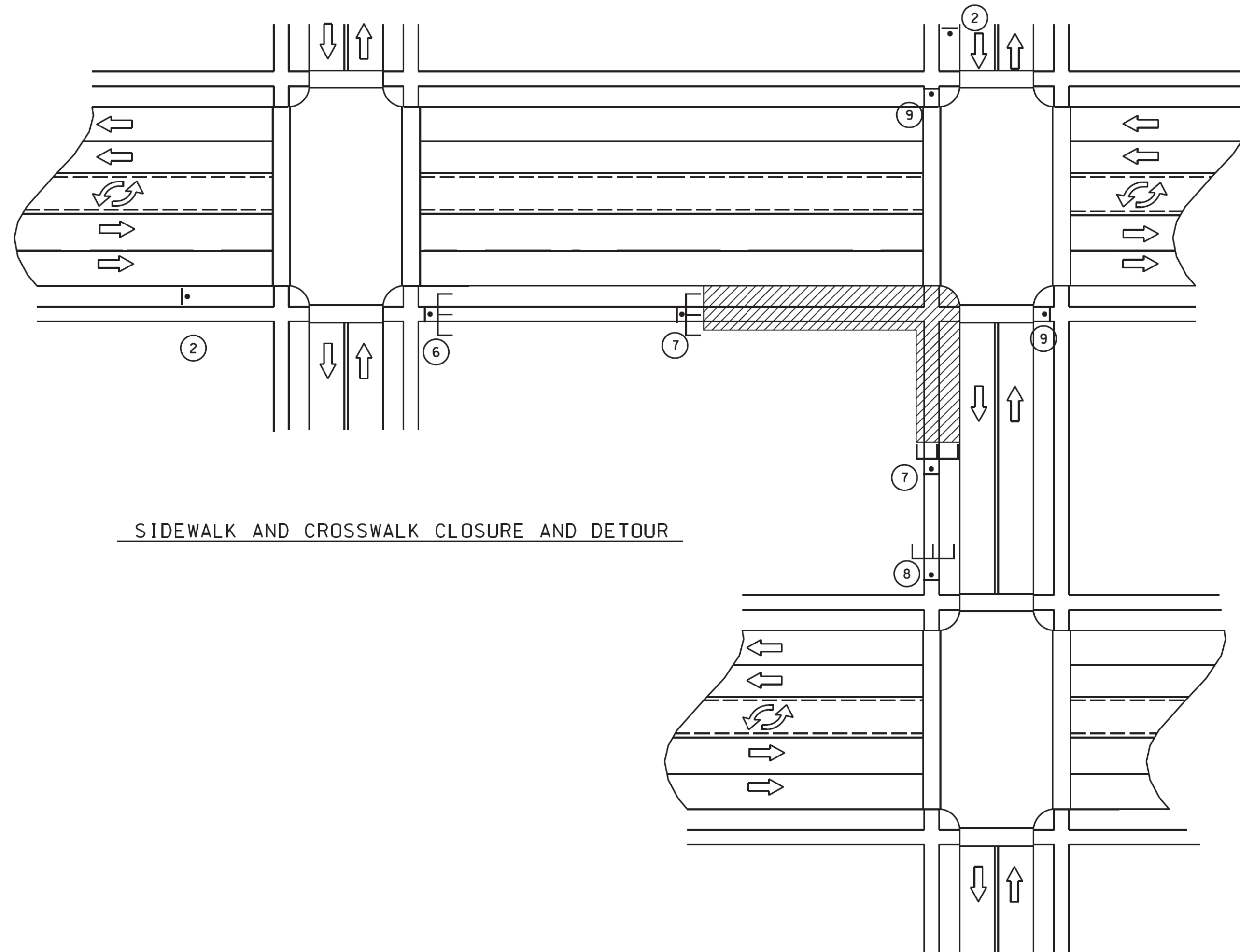


SIDEWALK CLOSURE AND DETOUR



GENERAL TRAFFIC CONTROL NOTES:

1. SEE MODOT TYPICAL APPLICATION FOR DESIGN AND CONSTRUCTION MATERIALS TA-28 FOR ADDITIONAL DETAILS
2. THE CONTRACTOR SHALL UTILIZE THE ADJACENT SIDE STREET TO DETOUR PEDESTRIANS AROUND THE WORK ZONE.



SIDEWALK AND CROSSWALK CLOSURE AND DETOUR

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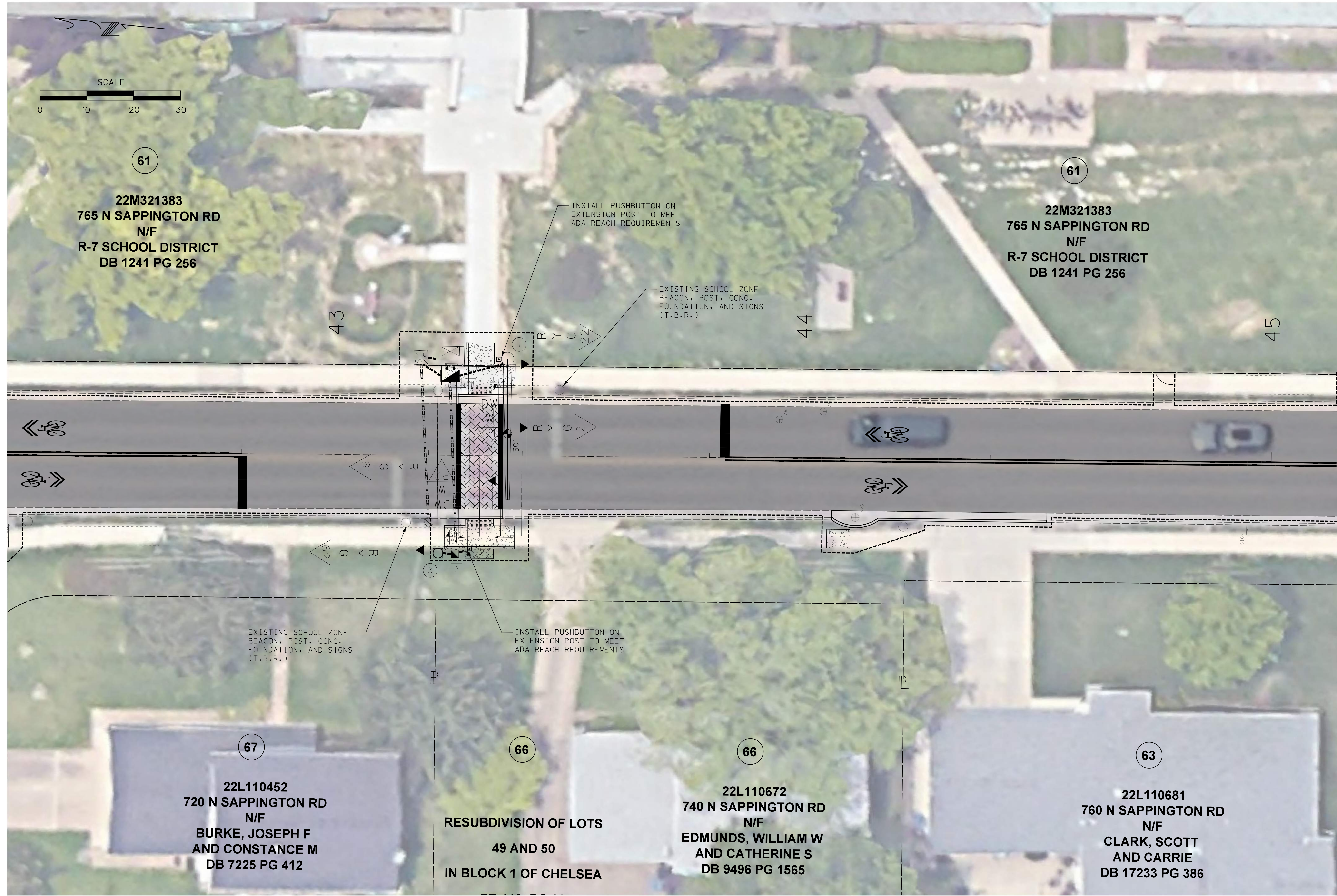
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NORTH SAPPINGTON ROAD PRESERVATION
TRAFFIC CONTROL PLANS
ROAD CLOSURE DETAILS

PROJECT/JOB NO. STP-5568(604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 69 OF 102

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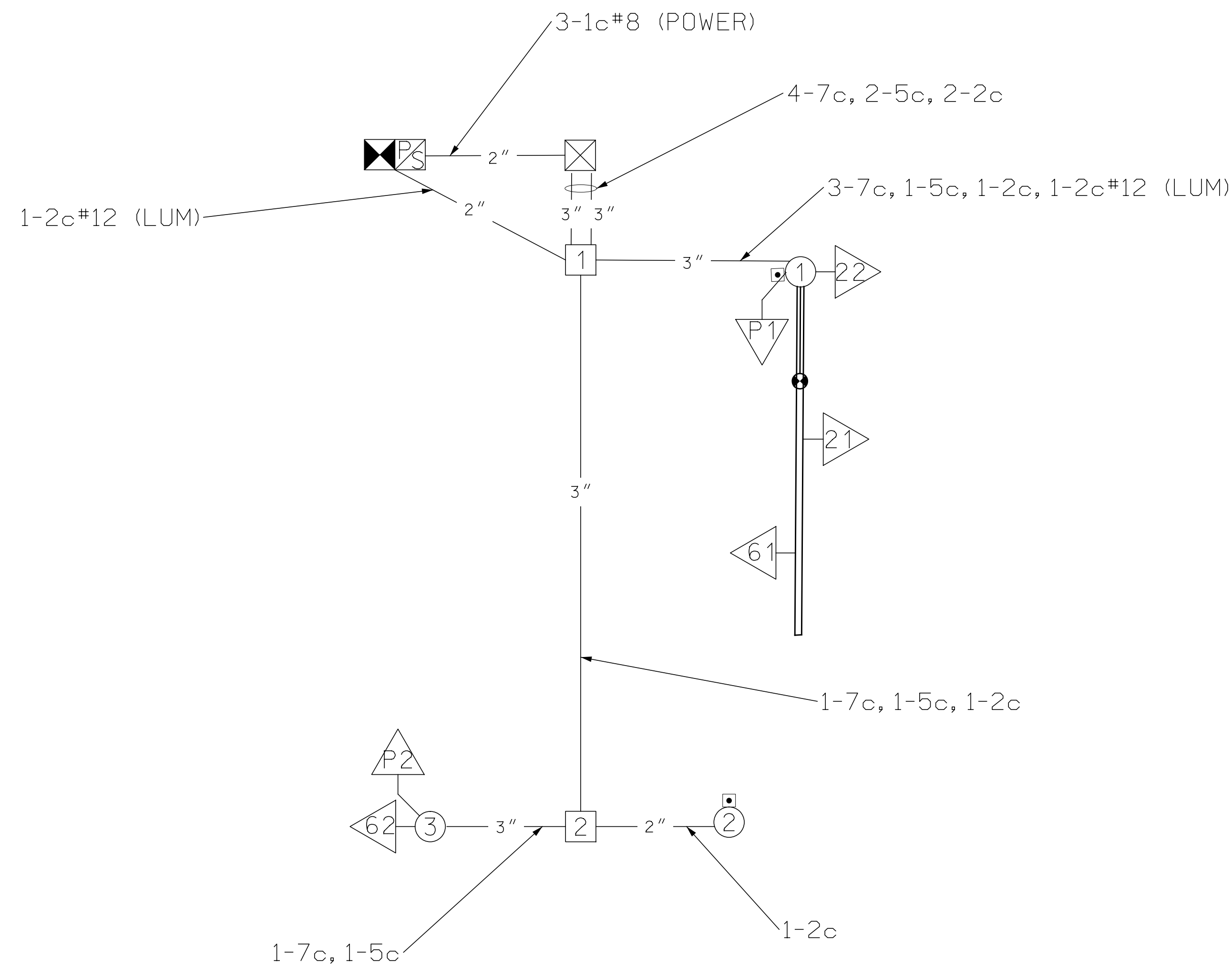
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NORTH SAPPINGTON ROAD PRESERVATION
SIGNAL SHEETS
SHEET 1 OF 1

PROJECT/JOB NO.	STP-5568 (604)
MSD PROJECT NO.	25MSD-00108
MSD BASE MAP	22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED	1/27/2026
SHEET	70 OF 102

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WIRING DIAGRAM



LEGEND

- 3" — CONDUIT CONTAINING CABLE WITH SIZE
- X-Xc MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
- [X] PULL BOX WITH NUMBER
- (X) POST WITH NUMBER
- (X) POST WITH MAST ARM AND LUMINAIRE
- [X] SIGNAL HEAD WITH NUMBER
- [X] SIGNAL CONTROLLER
- (O) POWER SOURCE
- [X] LIGHTING CONTROLLER
- [PS] POWER SUPPLY
- [UPS] UNINTERRUPTIBLE POWER SUPPLY
- [VDC] VIDEO DETECTION CAMERA
- [CCTV] CLOSED CIRCUIT TELEVISION (CCTV) CAMERA

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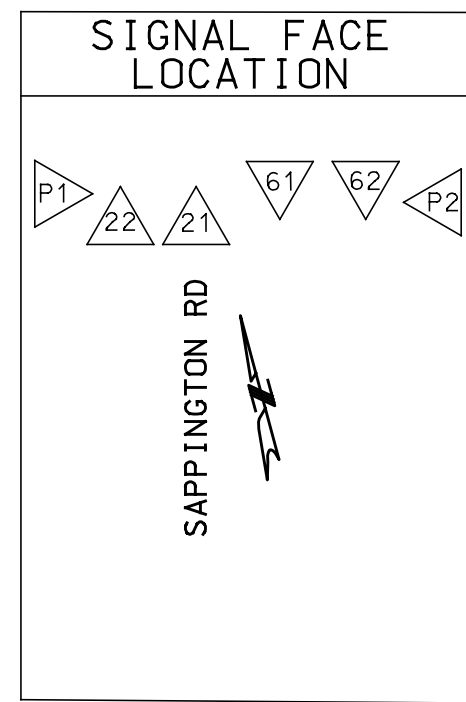
NORTH SAPPINGTON
 ROAD PRESERVATION
 SIGNAL DETAILS
 SHEET 2 OF 3

PROJECT/JOB NO. STP-5568(604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 72 OF 102

SAPPINGTON RD PED. CROSSING

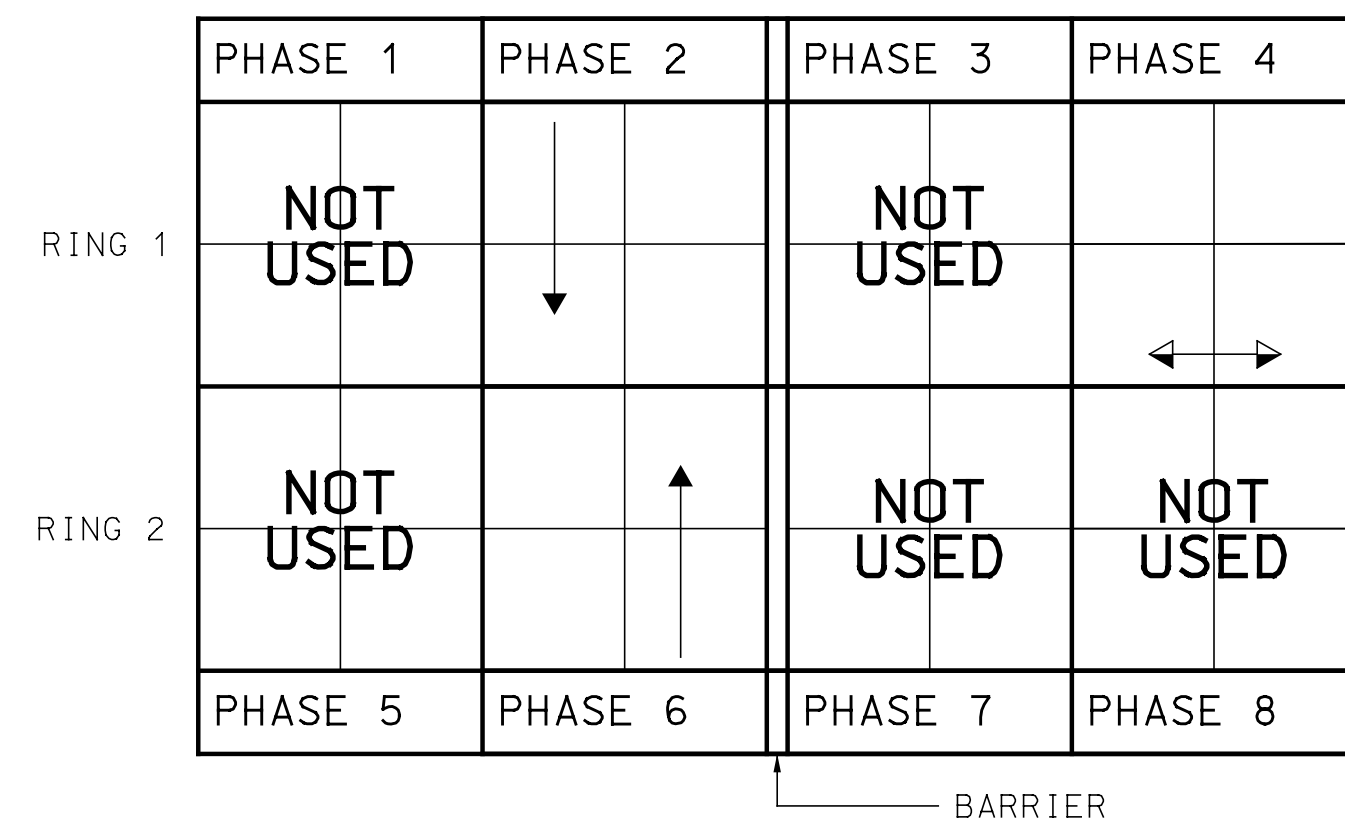
INTERSECTION

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



TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS

		NOT USED	↓	NOT USED	DUMMY	NOT USED	↑	NOT USED	NOT USED	↔	NOT USED	NOT USED	
		PHASE Ø1	PHASE Ø2	PHASE Ø3	PHASE Ø4	PHASE Ø5	PHASE Ø6	PHASE Ø8	PED #2	PED #4	PED #6	PED #8	
FACE NUMBERS			21 22				61 62			P1 P2			
SIGNAL INDICATIONS	R		R									R	
	RL											RL	
	RR+											RR+	
	Y		Y				Y					Y	
	YR+											YR+	
	YL											YL	
	FYL											FYL	
G		G				G				W		G	
R+												R+	
L												L	
DETECTOR ASSIGNMENTS			21 22				61 62						
								DETECTOR ASSIGNMENTS (PES. ONLY)					
												DETECTOR ASSIGNMENTS	
												OVERLAP PARENT PHASES	



RING STRUCTURE

IF CALLED, ALL NON-CONFLICTING PHASES SHALL COMBINE AND TIME CONCURRENTLY. TIME TO BE DETERMINED BY THE ENGINEER AT SIGNAL TURN ON AND SET IN THE CONTROLLER BY THE CONTRACTOR.

FLASHING OPERATION	
SAPPINGTON RD	FR
CONTROLLER TYPE	NEMA 8Ø

TRAFFIC SIGNAL CONTROL OPERATION	
INTERSECTION OF SAPPINGTON RD N GLENDALE ELEM. SCHOOL	

LEGEND

- ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
- NON-ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED NON-ACTUATED VEHICULAR MOVEMENT
- ACTUATED BICYCLE MOVEMENT
- ACTUATED PEDESTRIAN MOVEMENT
- NON-ACTUATED PEDESTRIAN MOVEMENT
- VEHICLE STOPPED
- FDW — FLASHING DON'T WALK
- R/W — RIGHT OF WAY INTERVAL
- DW — DON'T WALK
- YR+ — YELLOW RIGHT ARROW
- RT. — GREEN RIGHT ARROW
- W — WALK
- LY -YL — YELLOW LEFT ARROW
- L — GREEN LEFT ARROW
- LS — GREEN STRAIGHT AHEAD ARROW
- G — CIRCULAR GREEN
- Y — CIRCULAR YELLOW
- R — CIRCULAR RED
- Ø — TRAFFIC PHASE
- AO — ALL OTHERS
- FR — FLASHING RED
- FY — FLASHING CIRCULAR YELLOW
- FYA — FLASHING YELLOW ARROW
- FYL — FLASHING YELLOW LEFT ARROW
- FYR — FLASHING YELLOW RIGHT ARROW
- BG — BICYCLE SYMBOL GREEN
- BY — BICYCLE SYMBOL YELLOW
- BR — BICYCLE SYMBOL RED

**SAPPINGTON RD PED. CROSSING
INTERSECTION**

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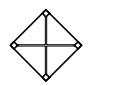
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NORTH SAPPINGTON
ROAD PRESERVATION
SIGNAL DETAILS
SHEET 3 OF 3

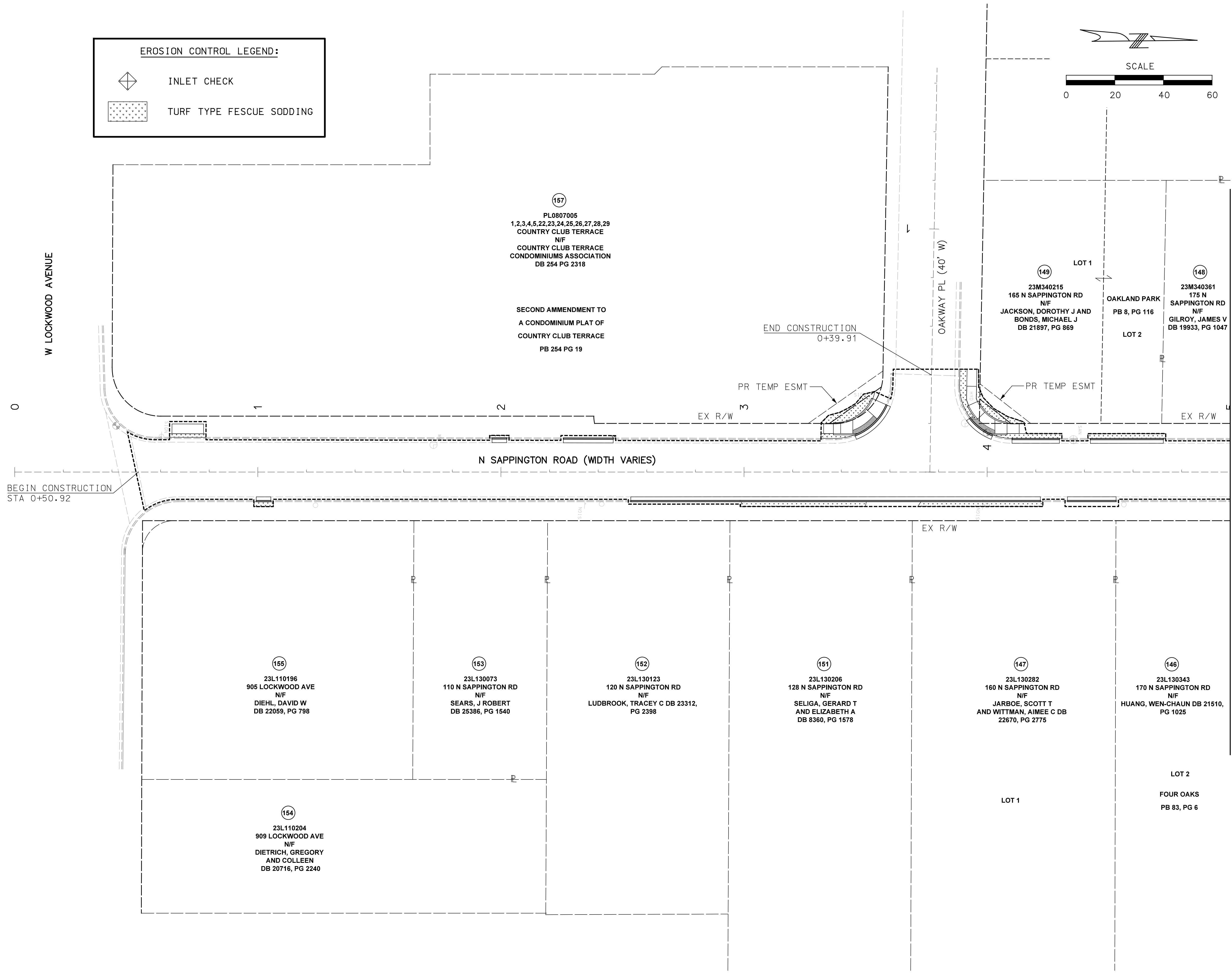
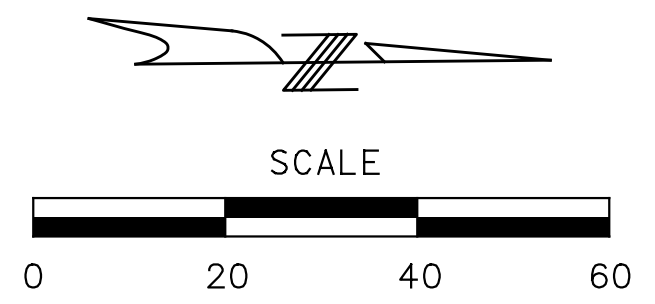
PROJECT/JOB NO. STP-5568(604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 73 OF 102

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EROSION CONTROL LEGEND:

 INLET CHECK

 TURF TYPE FESCUE SODDING



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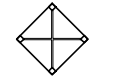
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NORTH SAPPINGTON ROAD PRESERVATION
EROSION CONTROL PLANS
SHEET 1 OF 14

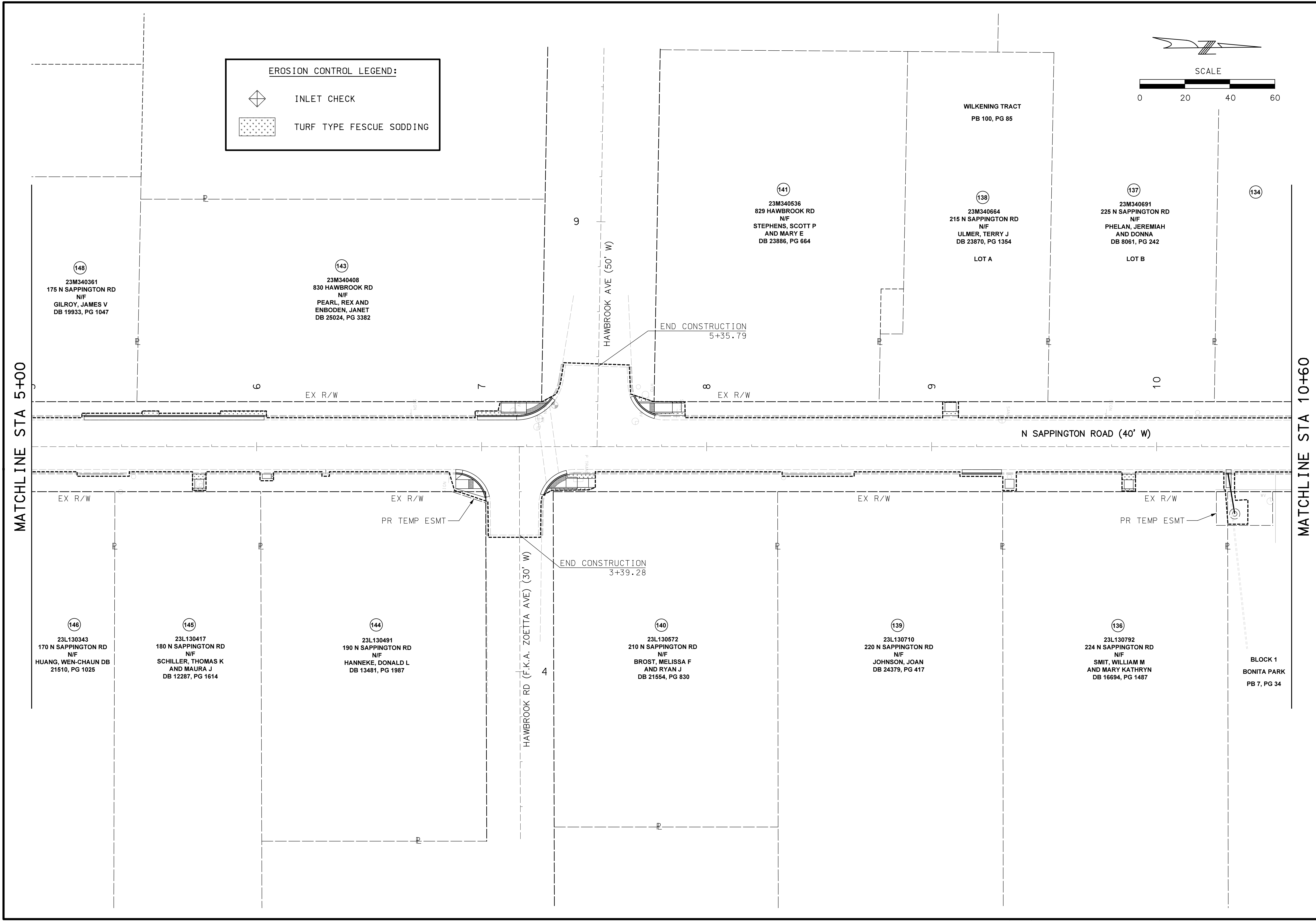
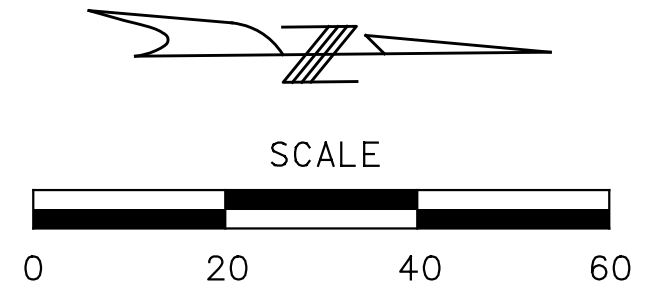
PROJECT/JOB NO. STP-5568 (604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 74 OF 102

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

EROSION CONTROL LEGEND:

 INLET CHECK

 TURF TYPE FESCUE SODDING



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NORTH SAPPINGTON ROAD PRESERVATION
EROSION CONTROL PLANS
SHEET 2 OF 14

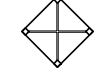
PROJECT/JOB NO. STP-5568(604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 75 OF 102


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

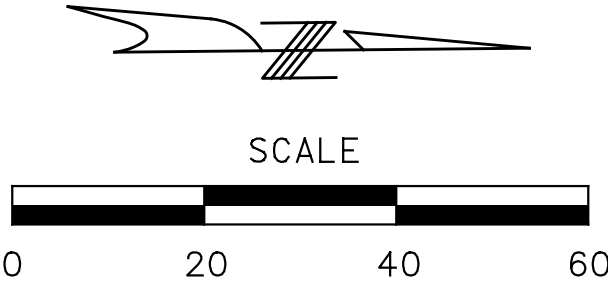
MATCHLINE STA 10+60

MATCHLINE STA 16+20

EROSION CONTROL LEGEND:

 INLET CHECK

 TURF TYPE FESCUE SODDING



134
23M340792
227 N SAPPINGTON RD
N/F
BALDENWECK, DANIEL Y
AND TETLEY, JAN
DB 9761, PG 1748

133
23M340811
229 N SAPPINGTON RD
N/F
BROWN, JOHN Y
AND HONG, ESTHER S
DB 24800, PG 2057

129
23M340884
233 N SAPPINGTON RD
N/F
BORDEAUX, ROBERT D
AND PATRICIA G
DB 24074, PG 005

128
23M340967
301 N SAPPINGTON RD
N/F
FAGAN, MICHAEL K
AND MARCY M
DB 7771, PG 643

127
23M620067
305 N SAPPINGTON RD
N/F
JARVIS, JAY W
AND GLORIA N
DB 11418, PG 967

122
23M620122
309 N SAPPINGTON RD
N/F
STEELE, JOHN A TRUST
DB 20102, PG 917

121
23M620201
315 N SAPPINGTON RD
N/F
LINDMARK, MARY M TRUST
DB 20292, PG 321

135
23L130903
228 N SAPPINGTON RD
N/F
BREIHAN, MARK
AND CYNTHIA M
DB 16279, PG 644

132
23L131003
232 N SAPPINGTON RD
N/F
FLAVIN, THOMAS
AND DEBRA J
DB 7483, PG 1694

130
23L131104
238 N SAPPINGTON RD
N/F
HIGDON, JOHN R
AND ASHLEY E
DB 22510, PG 709

126
23L410023
302 N SAPPINGTON RD
N/F
CORDES, MARK A
AND AIMEE B
DB 14931, PG 2682

125
23L410100
308 N SAPPINGTON RD
N/F
LEONARD, LINDA
DB 17395, PG 2027

123
23L410188
314 N SAPPINGTON RD
N/F
LODEWYCK, DAVID F
DB 24504, PG 1859

120
23L410276
318 N SAPPINGTON RD
N/F
WOLF, DAVID
AND COLLEEN
DB 22716, PG 3453

131
23L131096
944 BEVERLY AVE
N/F
HIGDON, JOHN R
AND ASHLEY E
DB 25040, PG 4286

124
23L410122
945 BEVERLY AVE
N/F
BOATMAN, MARK A
AND JULIA D
DB 10310, PG 830

N SAPPINGTON ROAD (40' W)

BEVERLY AVE (WIDTH VARIES)

END CONSTRUCTION
7+35.42

BLOCK 2
BONITA PARK
PB 7, PG 34

PR TEMP ESMT

EX R/W

EX R/W

EX R/W

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MISSOURI STATE ENGINEERING CORPORATION
CERTIFICATE/LICENSE NO. 2002011852

NORTH SAPPINGTON ROAD PRESERVATION


EROSION CONTROL PLANS

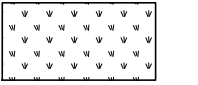
SHEET 3 OF 14

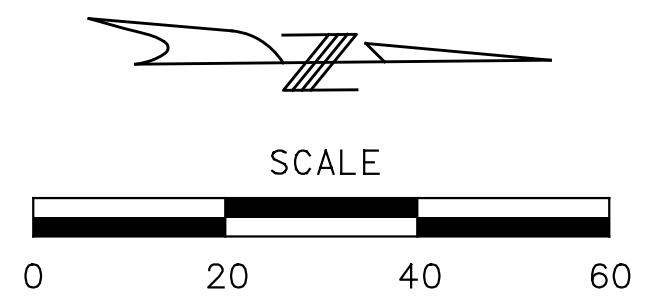
PROJECT/JOB NO. STP-5568(604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 76 OF 102

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

EROSION CONTROL LEGEND:

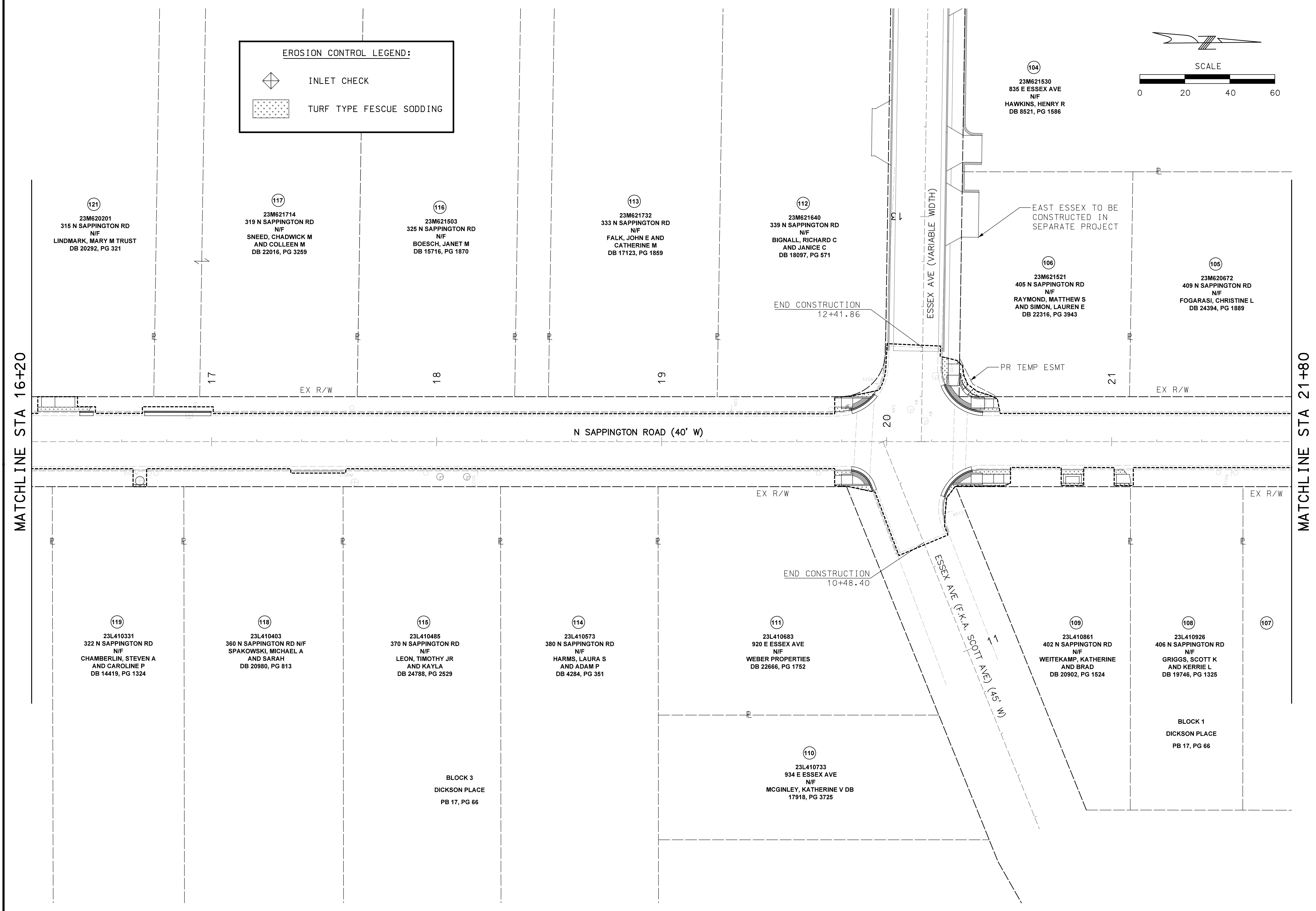
 INLET CHECK

 TURF TYPE FESCUE SODDING



MATCHLINE STA 16+20

MATCHLINE STA 21+80



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NORTH SAPPINGTON ROAD PRESERVATION
EROSION CONTROL PLANS
SHEET 4 OF 14

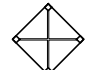
PROJECT/JOB NO. STP-5568(604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 77 OF 102

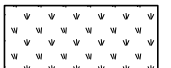
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED. LOCHMUELLER PROJECT NO. 522-0044

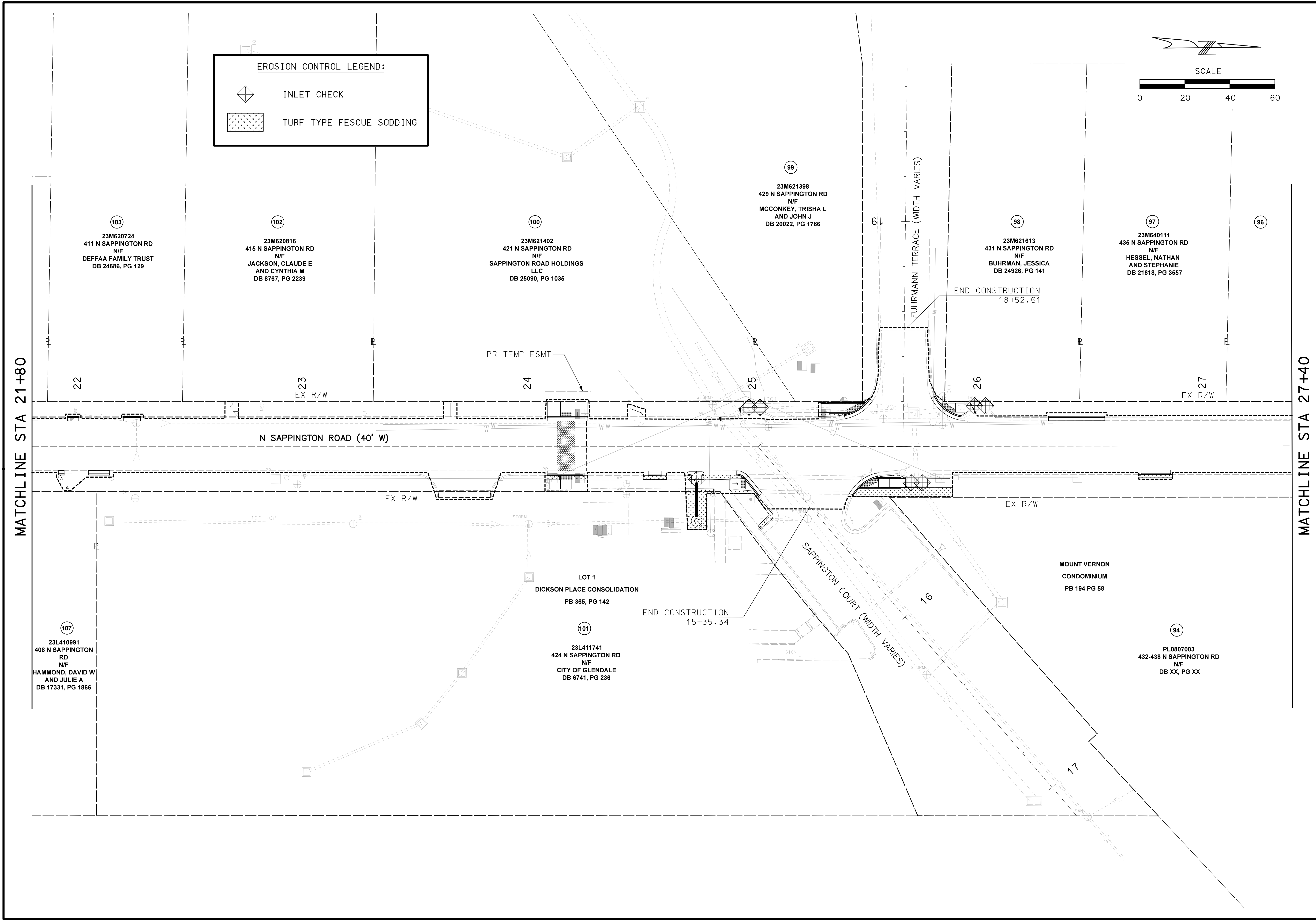
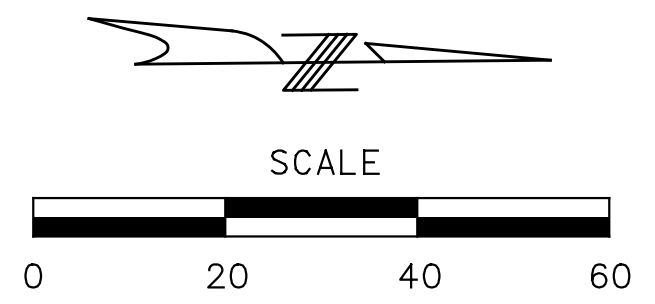
MATCHLINE STA 21+80

MATCHLINE STA 27+40

EROSION CONTROL LEGEND:

 INLET CHECK

 TURF TYPE FESCUE SODDING



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NORTH SAPPINGTON ROAD PRESERVATION

EROSION CONTROL PLANS

SHEET 5 OF 14

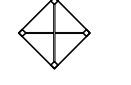
PROJECT/JOB NO. STP-5568 (604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 78 OF 102

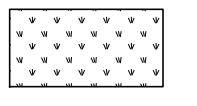
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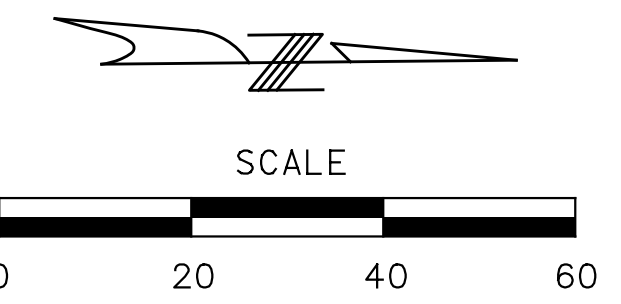
MATCHLINE STA 27+40

MATCHLINE STA 32+80

EROSION CONTROL LEGEND:

 INLET CHECK

 TURF TYPE FESCUE SODDING



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 CERTIFICATE/LICENSE NO. 2002011852

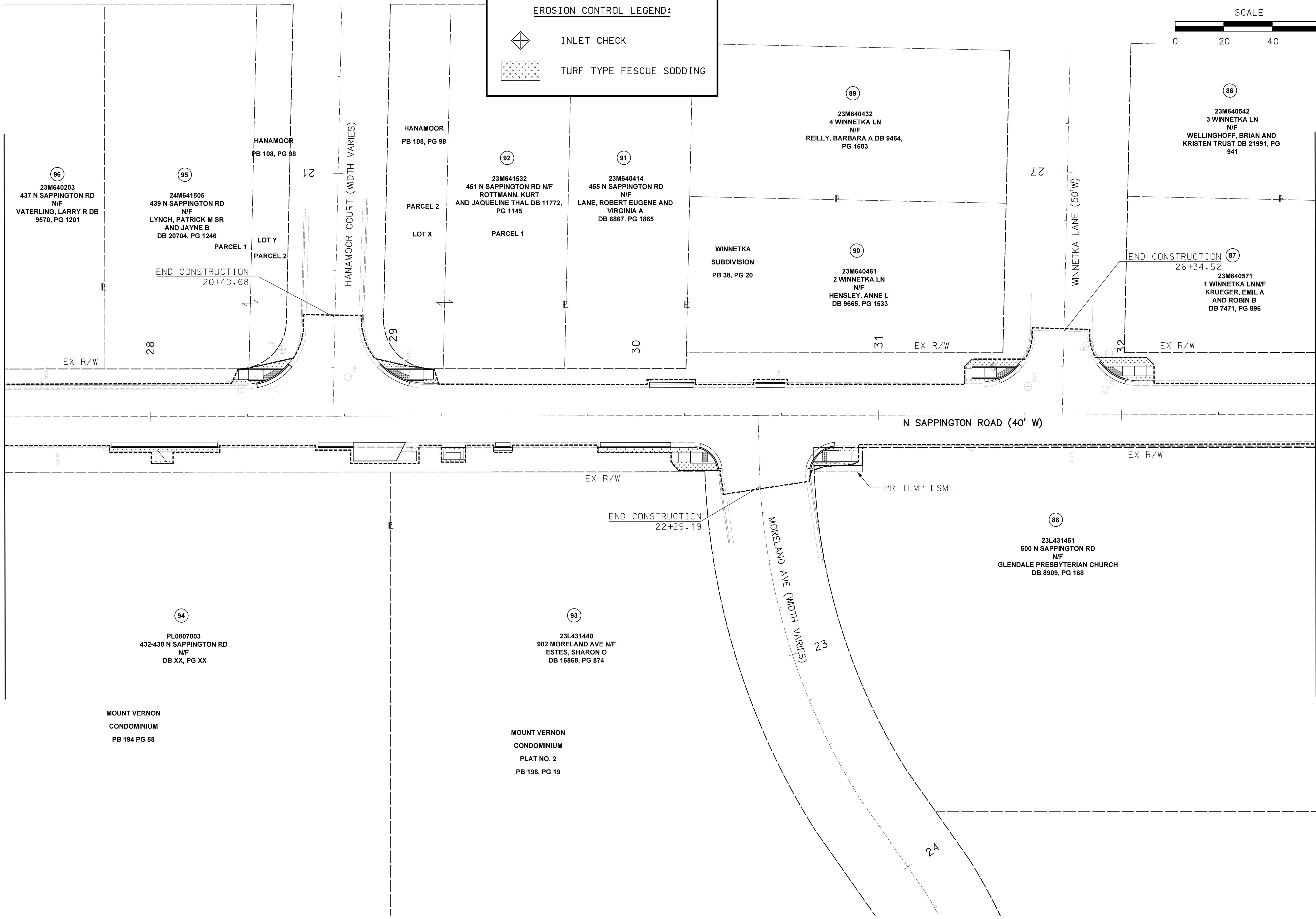
NORTH SAPPINGTON ROAD PRESERVATION

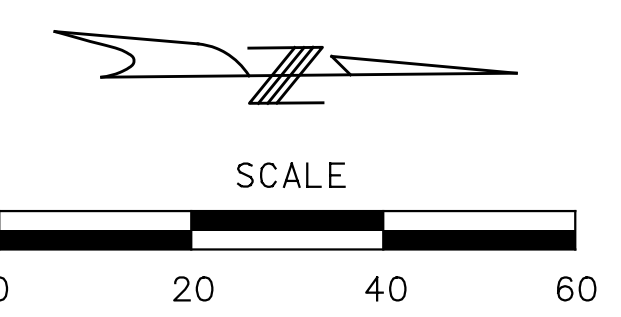
EROSION CONTROL PLANS

SHEET 6 OF 14

PROJECT/JOB NO.	STP-5568 (604)
MSD PROJECT NO.	25MSD-00108
MSD BASE MAP	22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED	1/27/2026
SHEET	79 OF 102

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



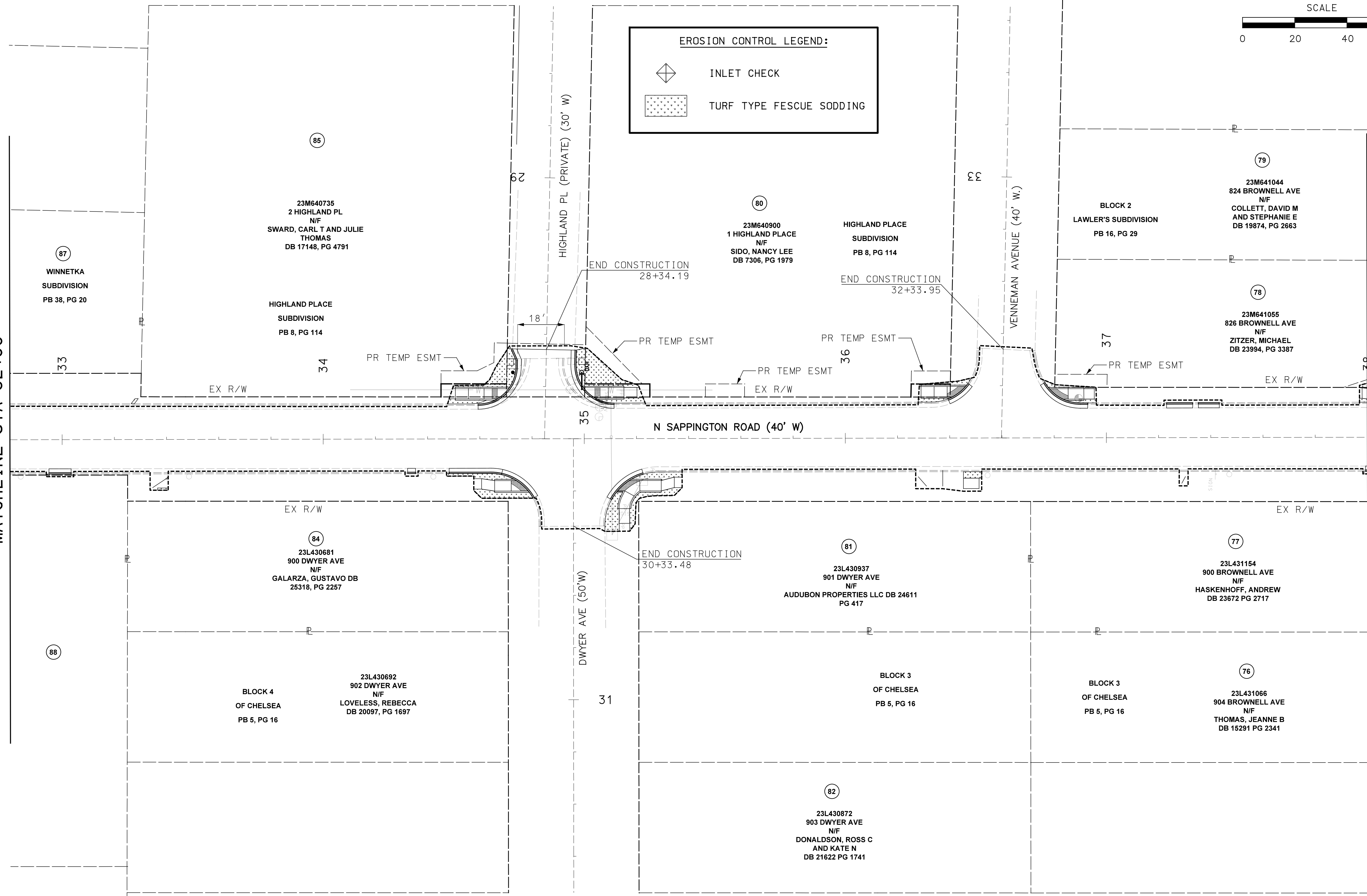


EROSION CONTROL LEGEND:

INLET CHECK
 TURF TYPE FESCUE SODDING

MATCHLINE STA 32+80

MATCHLINE STA 38+00



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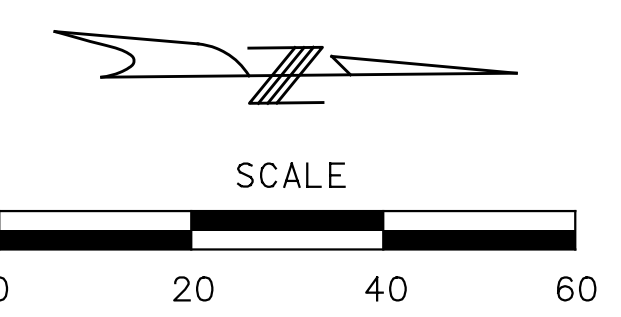
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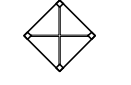
NORTH SAPPINGTON ROAD PRESERVATION
EROSION CONTROL PLANS
SHEET 7 OF 14


PROJECT/JOB NO.	STP-5568 (604)
MSD PROJECT NO.	25MSD-00108
MSD BASE MAP	22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED	1/27/2026
SHEET	80 OF 102

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



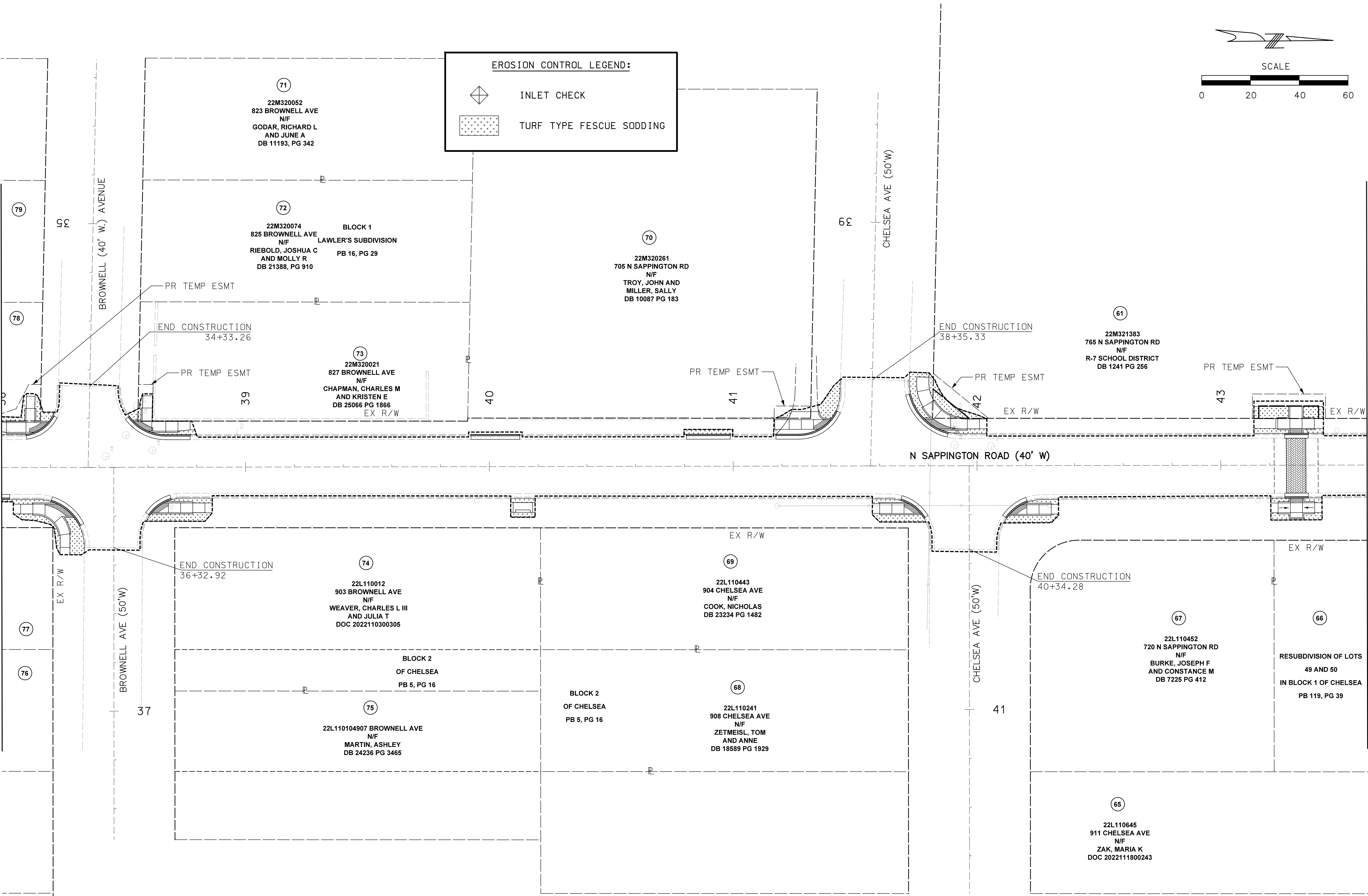
EROSION CONTROL LEGEND:

 INLET CHECK

 TURF TYPE FESCUE SODDING

MATCHLINE STA 38+00

MATCHLINE STA 43+60



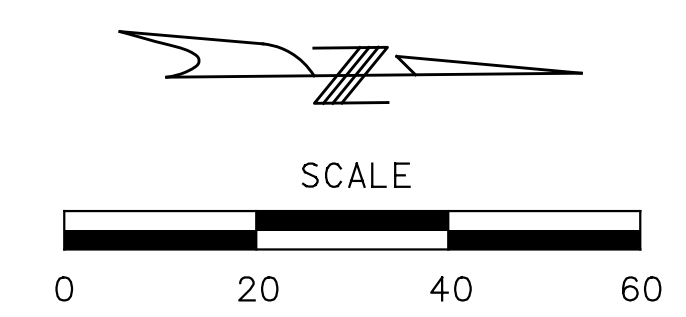
REV	DATE	BY	DESCRIPTION

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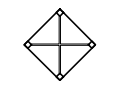
NORTH SAPPINGTON ROAD PRESERVATION
EROSION CONTROL PLANS
SHEET 8 OF 14


PROJECT/JOB NO.	STP-5568 (604)
MSD PROJECT NO.	25MSD-00108
MSD BASE MAP	22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED	1/27/2026
SHEET	81 OF 102

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



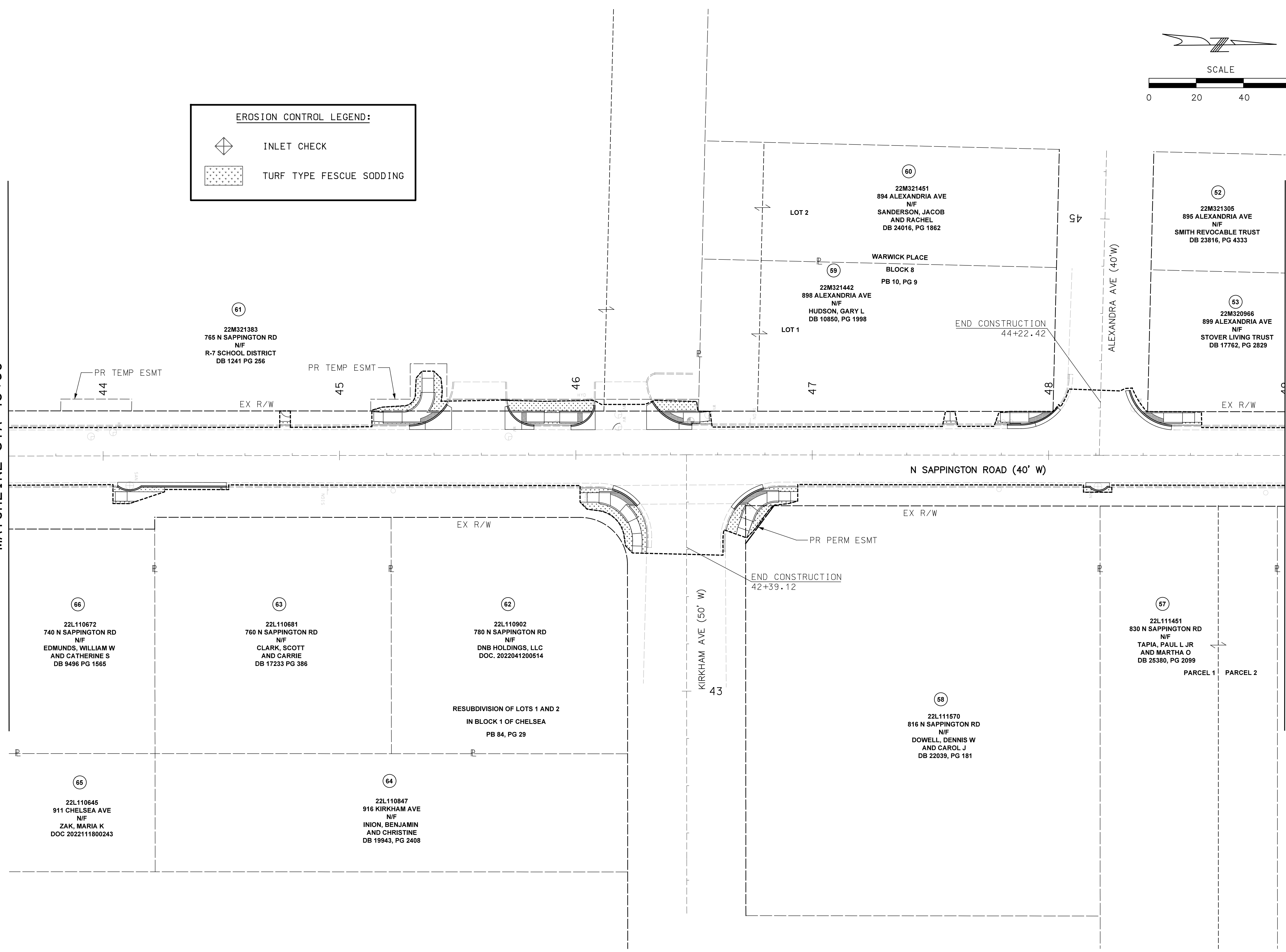
EROSION CONTROL LEGEND:

 INLET CHECK

 TURF TYPE FESCUE SODDING

MATCHLINE STA 43+60

MATCHLINE STA 49+00



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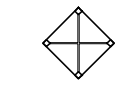
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NORTH SAPPINGTON ROAD PRESERVATION
 EROSION CONTROL PLANS
 SHEET 9 OF 14

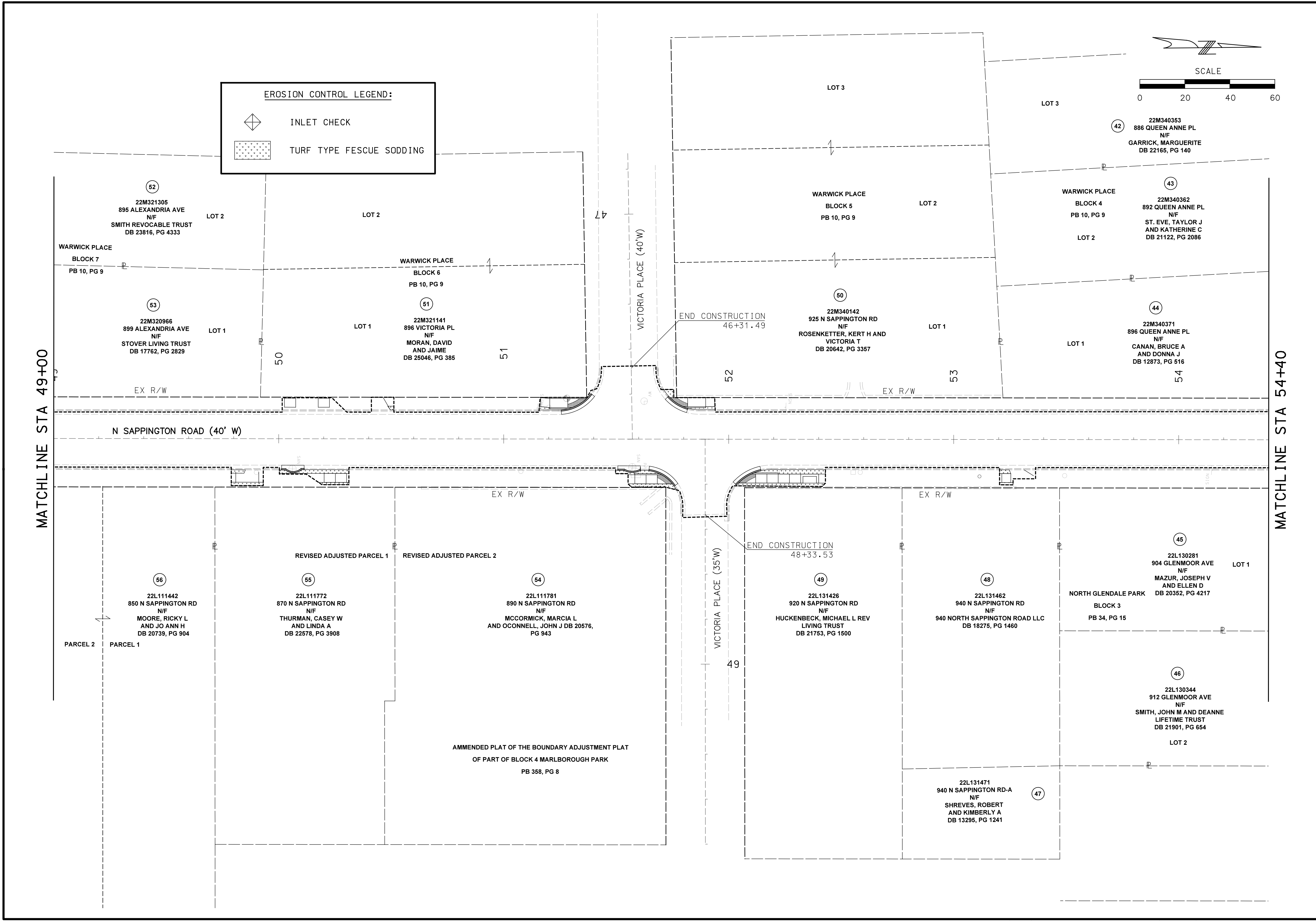
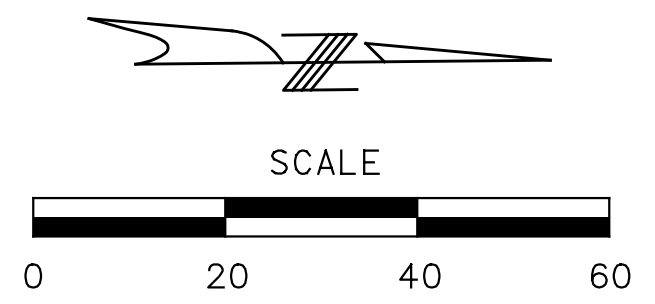
PROJECT/JOB NO. STP-5568(604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 82 OF 102

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EROSION CONTROL LEGEND:

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 TURF TYPE FESCUE SODDING



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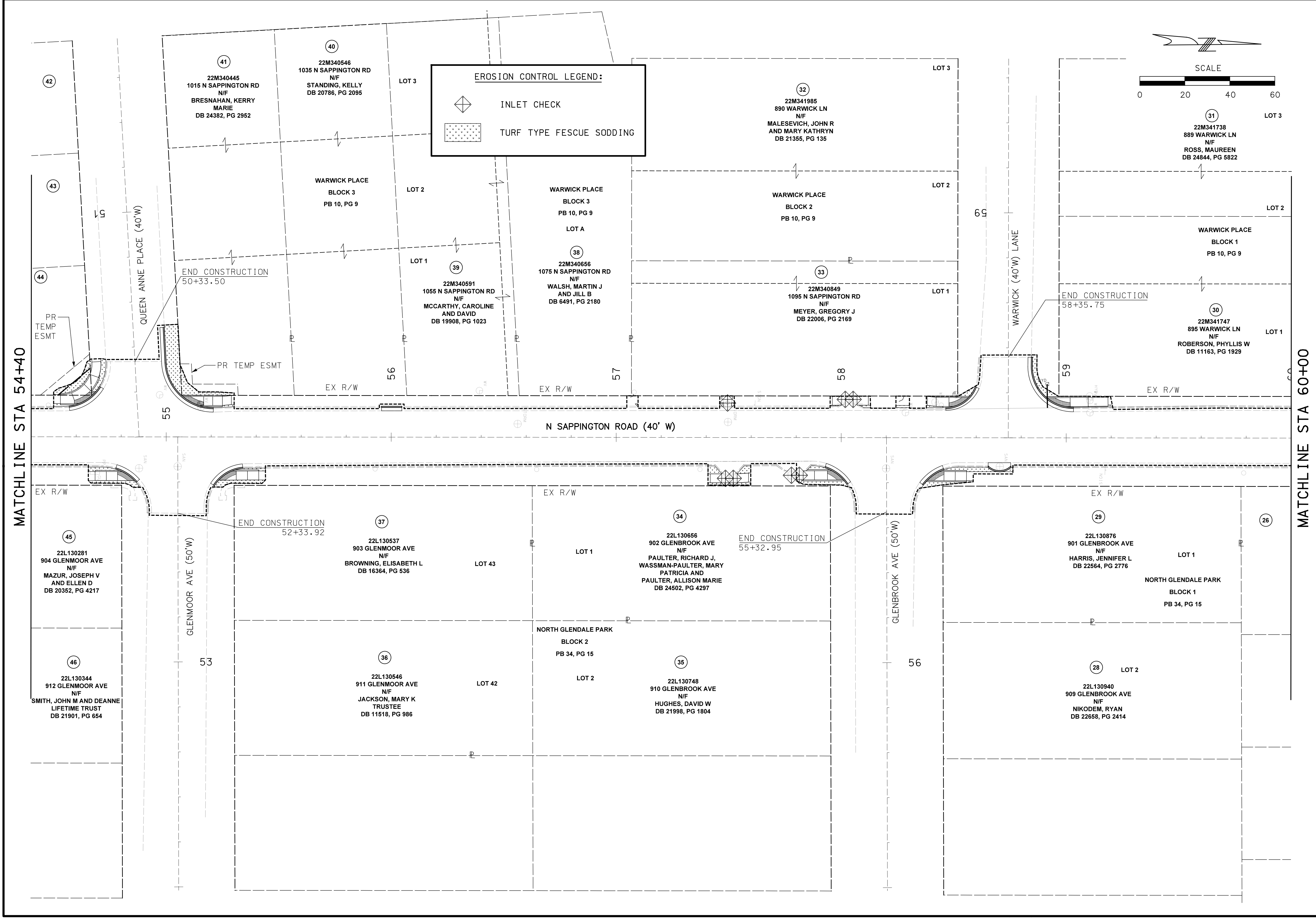
NORTH SAPPINGTON ROAD PRESERVATION

EROSION CONTROL PLANS

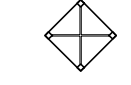
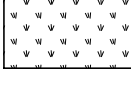
SHEET 10 OF 14

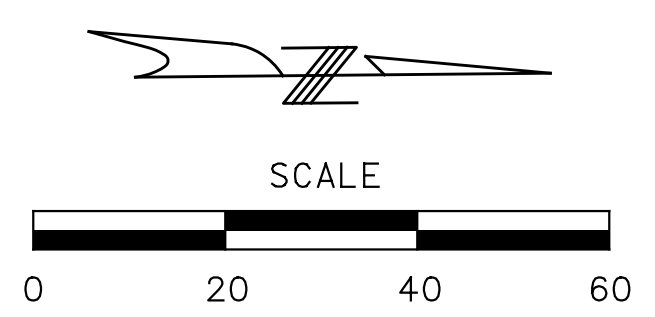
PROJECT/JOB NO.	STP-5568 (604)
MSD PROJECT NO.	25MSD-00108
MSD BASE MAP	22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED	1/27/2026
SHEET	83 OF 102

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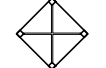
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**NORTH SAPPINGTON ROAD PRESERVATION
 EROSION CONTROL PLANS
 SHEET 11 OF 14**

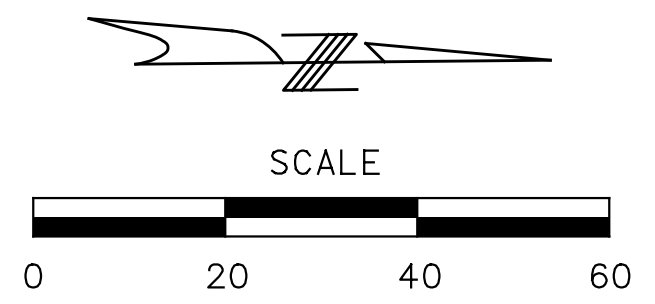
PROJECT/JOB NO.	STP-5568 (604)
MSD PROJECT NO.	25MSD-00108
MSD BASE MAP	22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED	1/27/2026
SHEET	84 OF 102

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

EROSION CONTROL LEGEND:

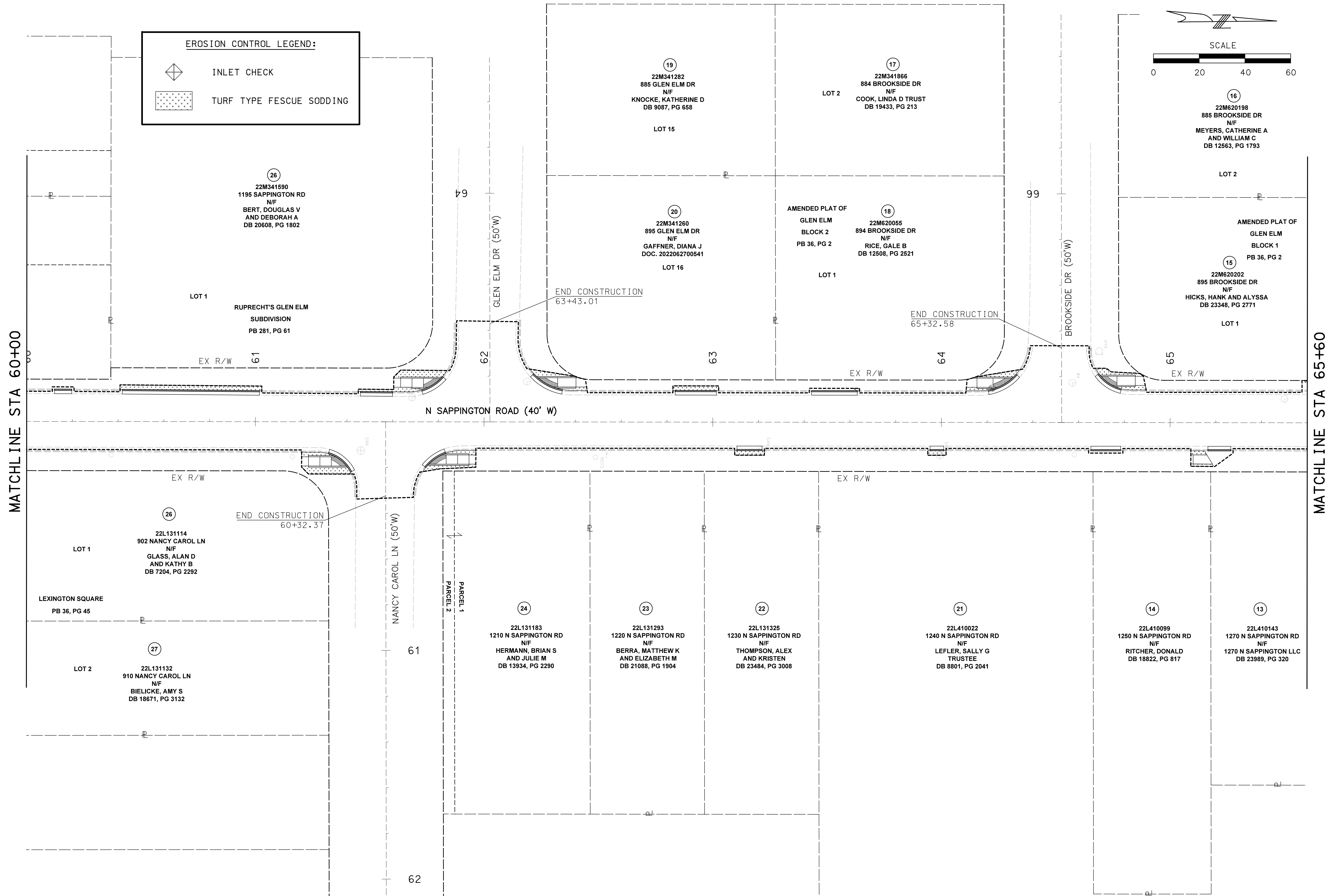
 INLET CHECK

 TURF TYPE FESCUE SODDING



MATCHLINE STA 60+00

MATCHLINE STA 65+60



REV	DATE	BY	DESCRIPTION

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NORTH SAPPINGTON ROAD PRESERVATION

EROSION CONTROL PLANS

SHEET 12 OF 14

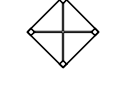
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MSD PROJECT NO.	25MSD-00108
MSD BASE MAP	22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED	1/27/2026
SHEET	85 OF 102

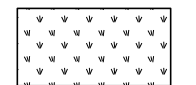
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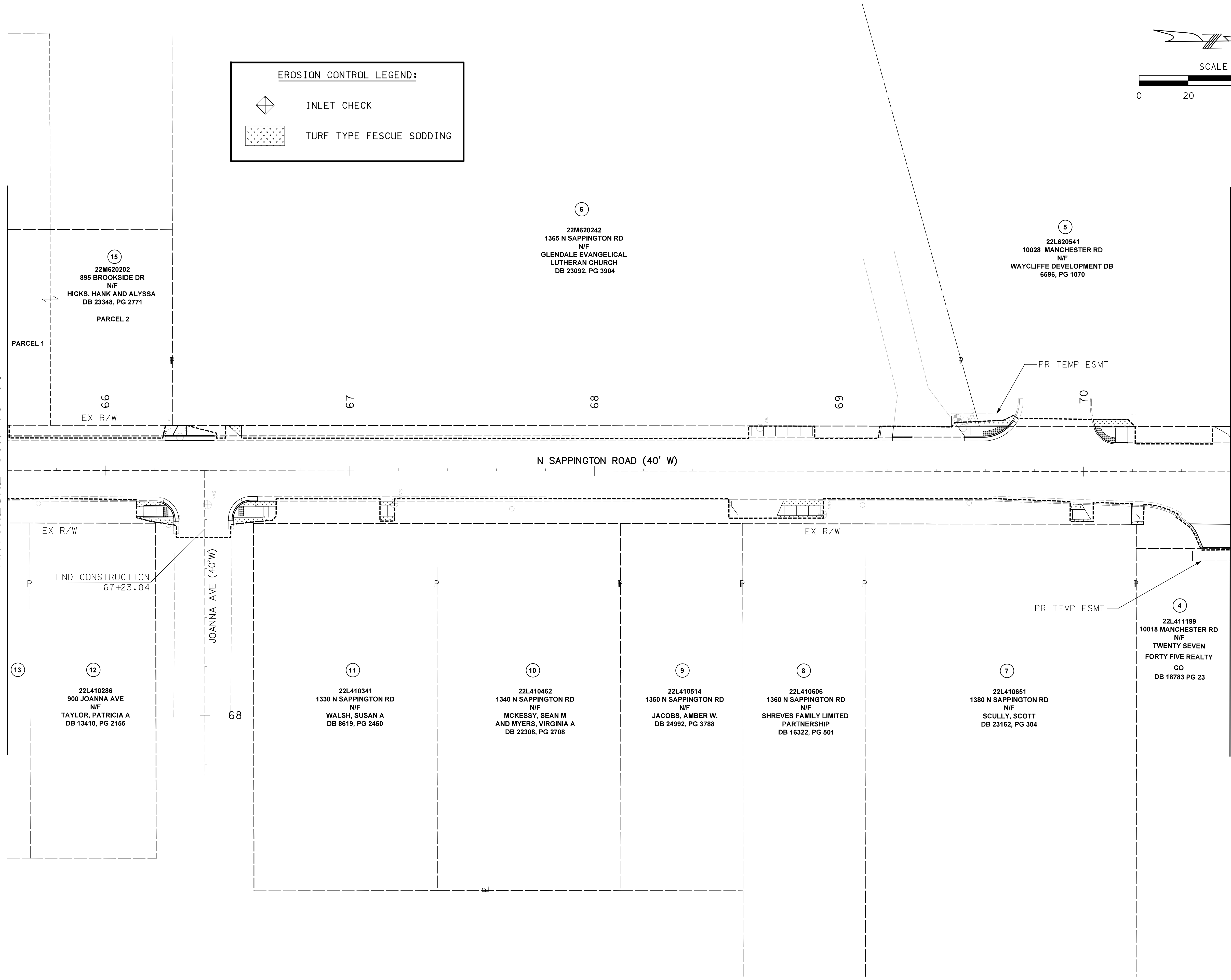
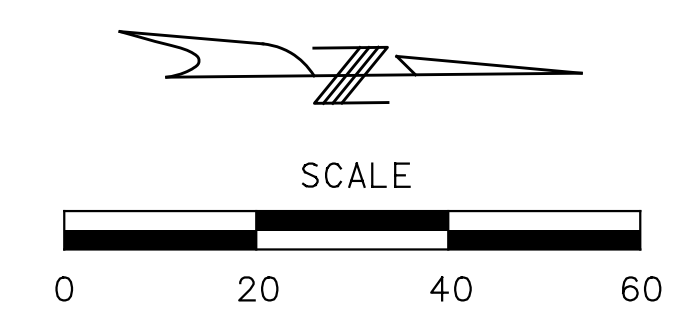
MATCHLINE STA 65+60

MATCHLINE STA 70+60

EROSION CONTROL LEGEND:

 INLET CHECK

 TURF TYPE FESCUE SODDING



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 MISSOURI STATE ENGINEERING CORPORATION
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NORTH SAPPINGTON ROAD PRESERVATION

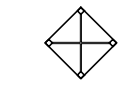
EROSION CONTROL PLANS


SHEET 13 OF 14

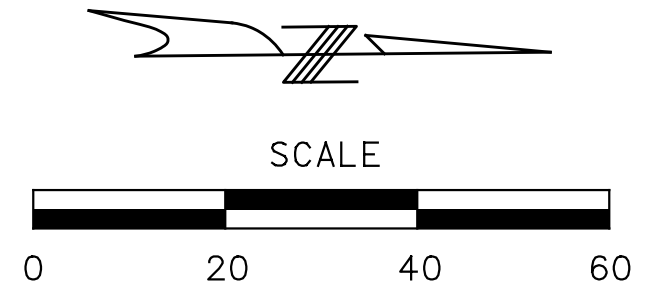
PROJECT/JOB NO. STP-5568 (604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 86 OF 102

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

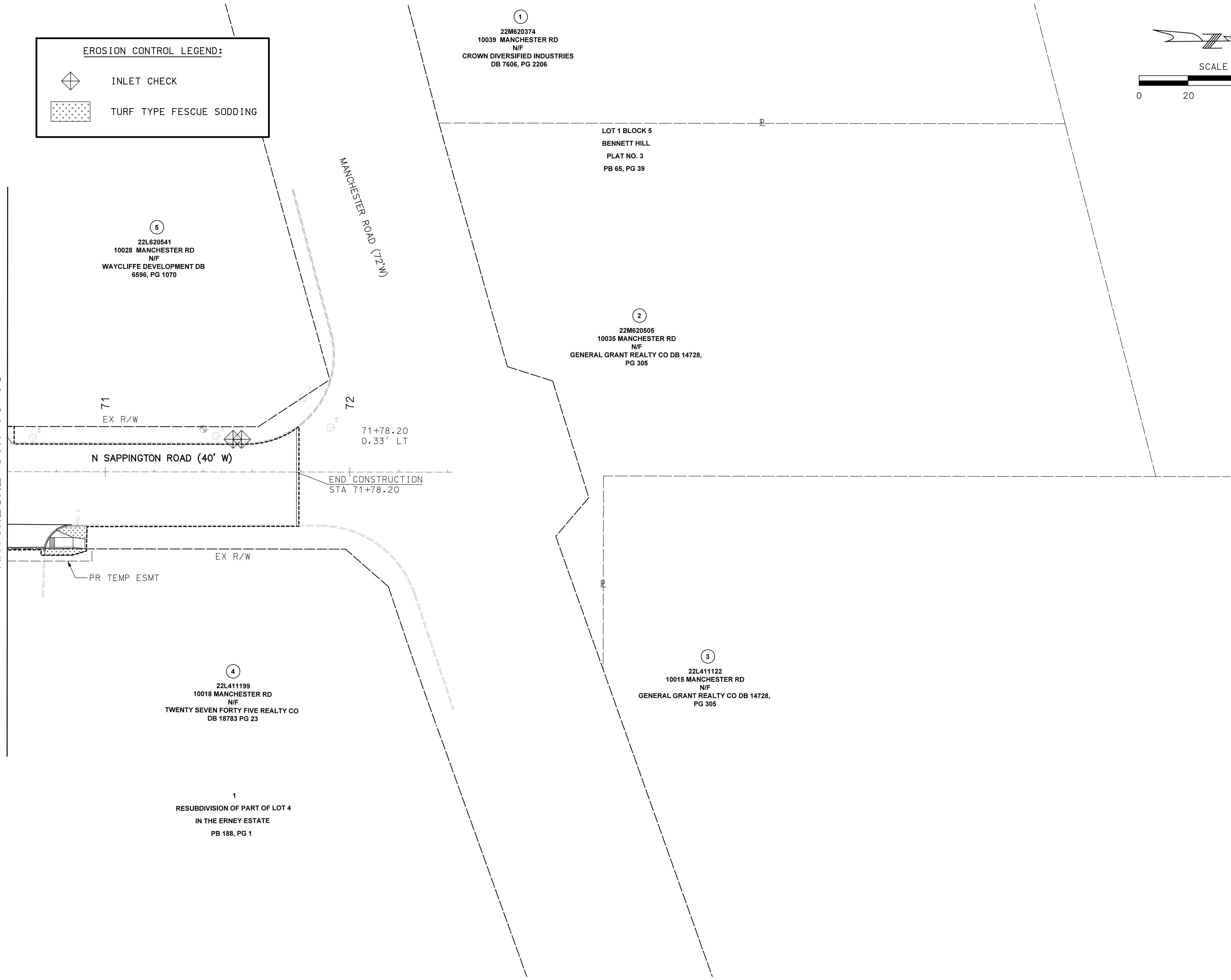
EROSION CONTROL LEGEND:

 INLET CHECK

 TURF TYPE FESCUE SODDING



MATCHLINE STA 70+60



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REV	DESCRIPTION

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NORTH SAPPINGTON ROAD PRESERVATION

EROSION CONTROL PLANS

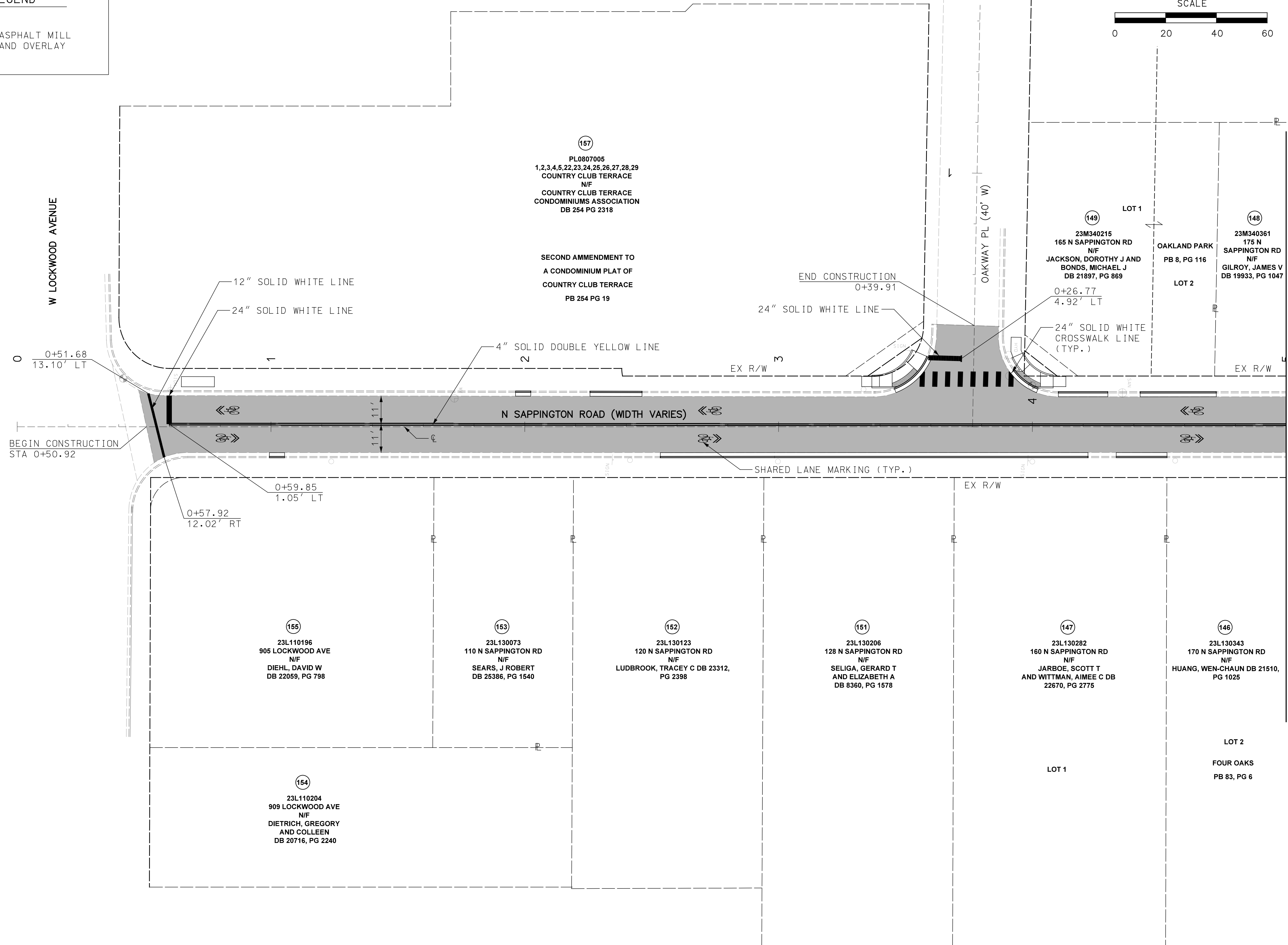
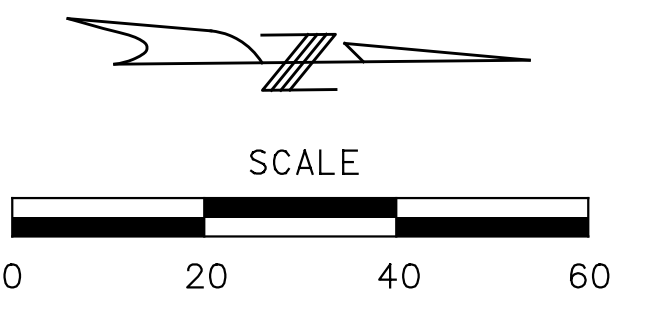
SHEET 14 OF 14

PROJECT/JOB NO. STP-5568(604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 87 OF 102

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

LEGEND

ASPHALT MILL AND OVERLAY



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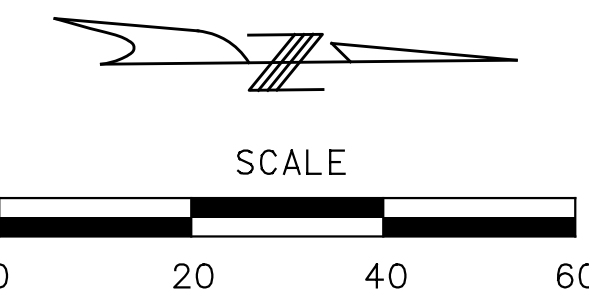
NORTH SAPPINGTON ROAD PRESERVATION
SIGNING AND STRIPING
PLANS SHEET 1 OF 14

PROJECT/JOB NO. STP-5568 (604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 88 OF 102

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

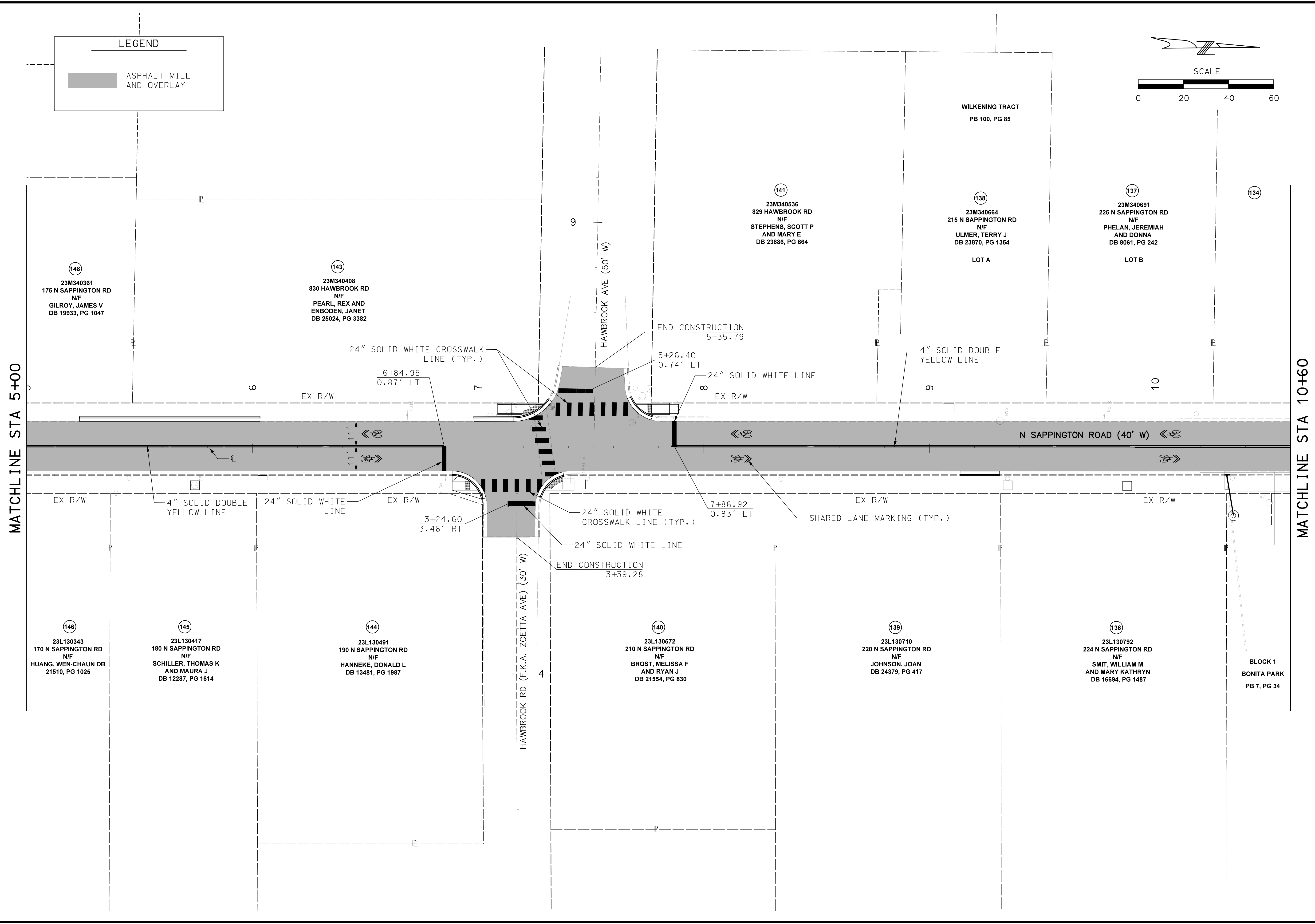
LEGEND

ASPHALT MILL AND OVERLAY



MATCHLINE STA 5+00

MATCHLINE STA 10+60



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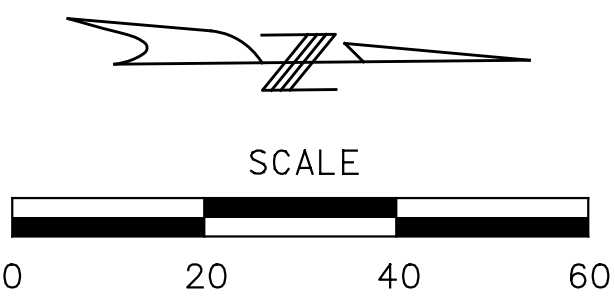
NORTH SAPPINGTON ROAD PRESERVATION
SIGNING AND STRIPING
PLANS SHEET 2 OF 14

PROJECT/JOB NO.	STP-5568(604)
MSD PROJECT NO.	25MSD-00108
MSD BASE MAP	22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED	1/27/2026
SHEET	89 OF 102

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

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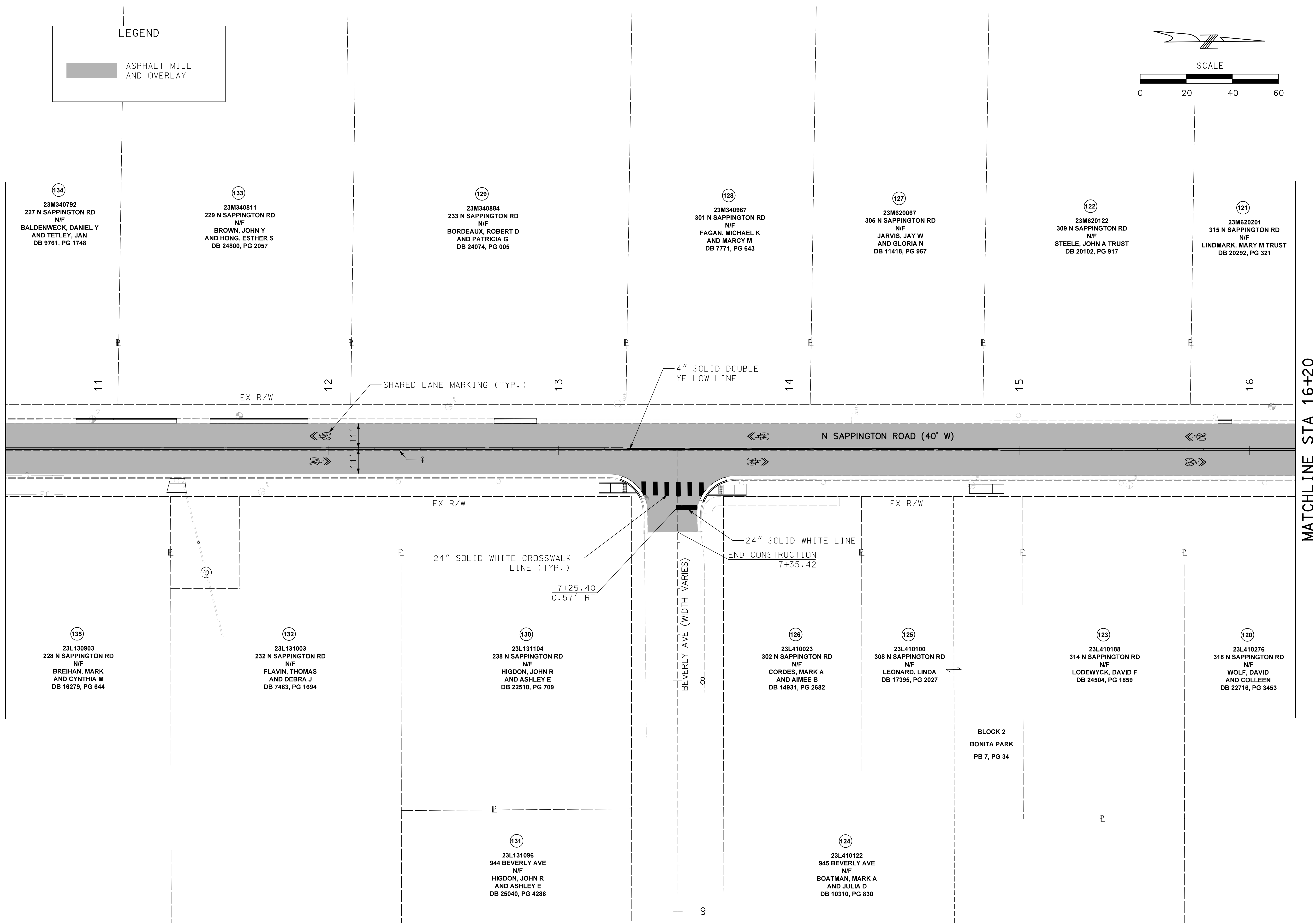
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NORTH SAPPINGTON ROAD PRESERVATION
SIGNING AND STRIPING
PLANS SHEET 3 OF 14

PROJECT/JOB NO. STP-5568(604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 90 OF 102

MATCHLINE STA 10+60

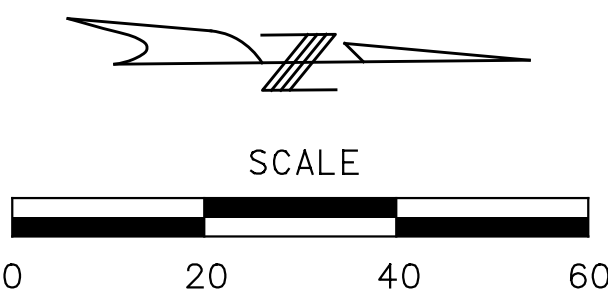
MATCHLINE STA 16+20



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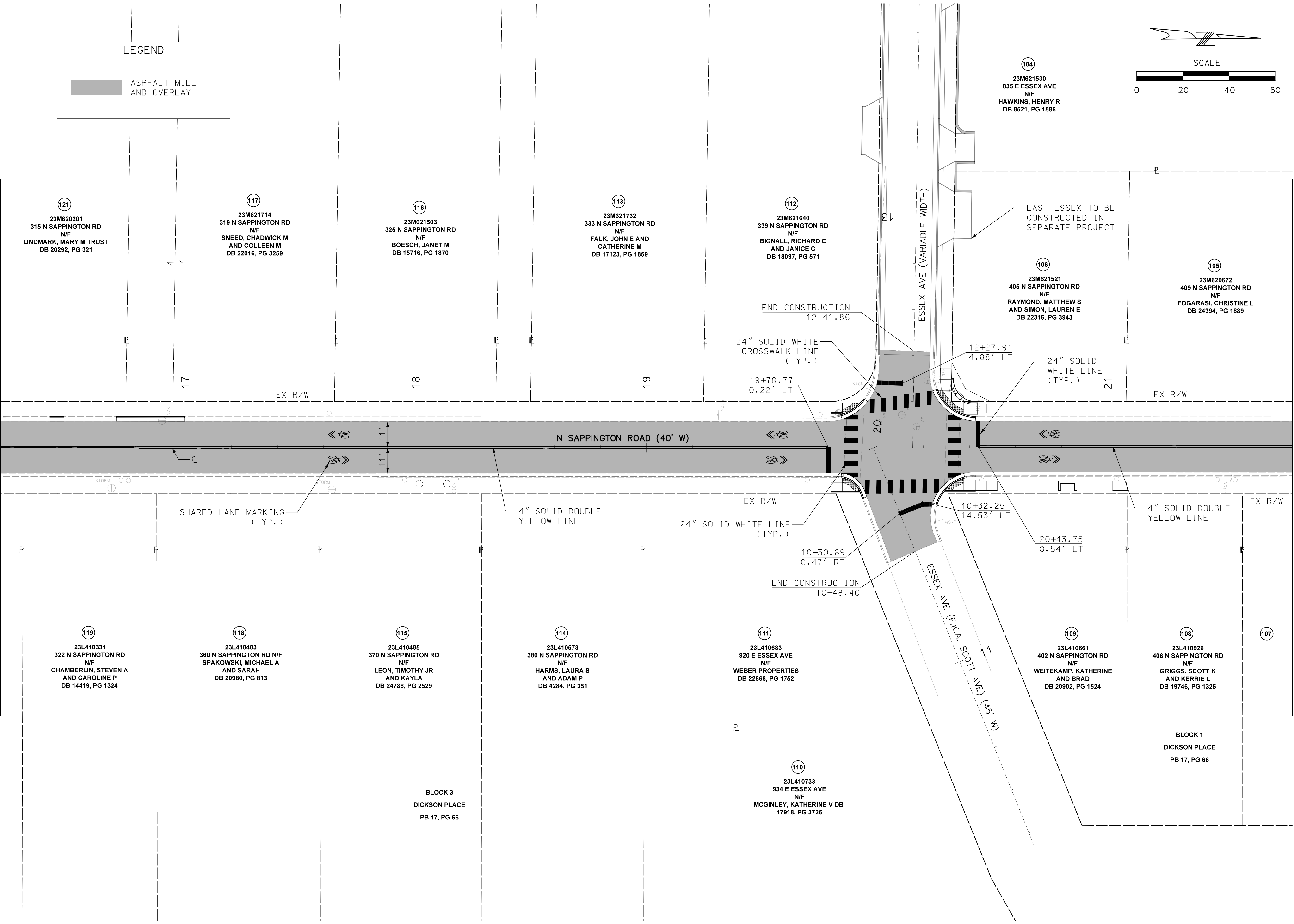
LEGEND

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MATCHLINE STA 16+20

MATCHLINE STA 21+80



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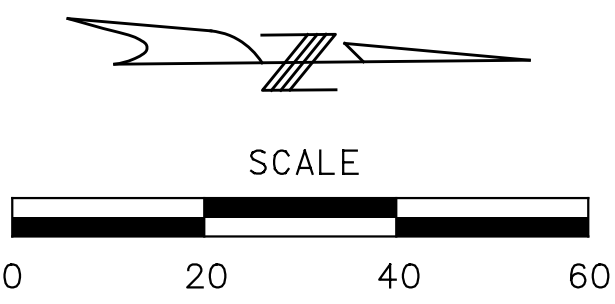
NORTH SAPPINGTON ROAD PRESERVATION
SIGNING AND STRIPING
PLANS SHEET 4 OF 14

PROJECT/JOB NO. STP-5568(604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 91 OF 102

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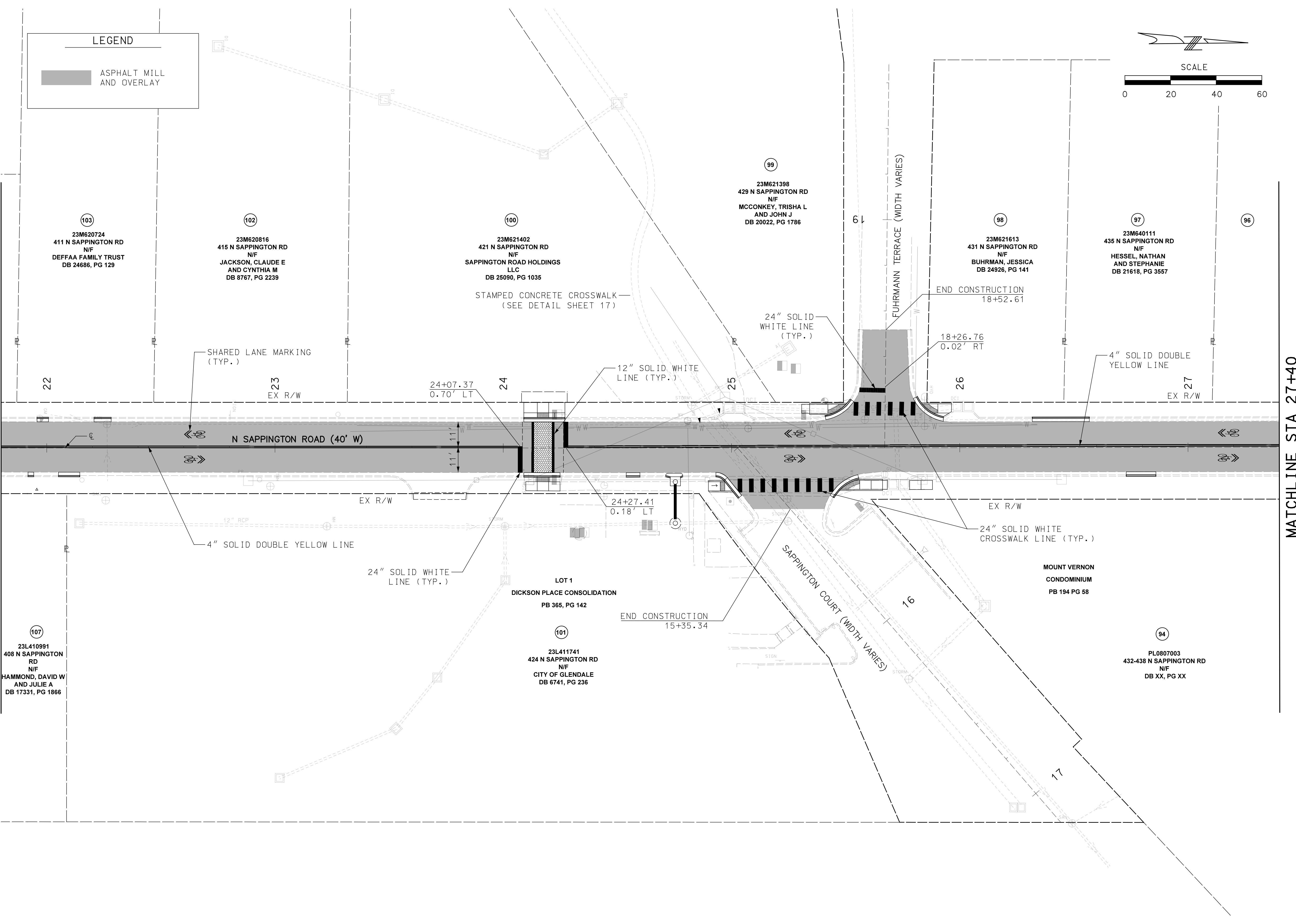
MISSOURI STATE ENGINEERING CORPORATION
 CERTIFICATE/LICENSE NO. 2002011852

**NORTH SAPPINGTON ROAD PRESERVATION
 SIGNING AND STRIPING
 PLANS SHEET 5 OF 14**

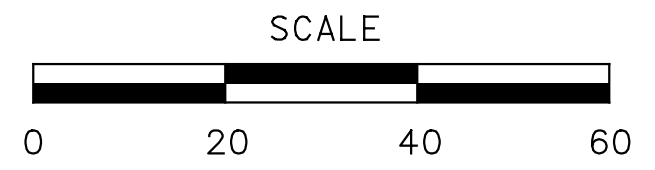
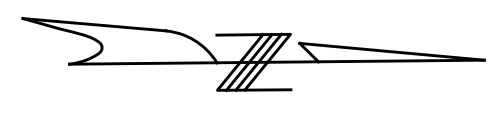
PROJECT/JOB NO. STP-5568(604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 92 OF 102

MATCHLINE STA 21+80

MATCHLINE STA 27+40



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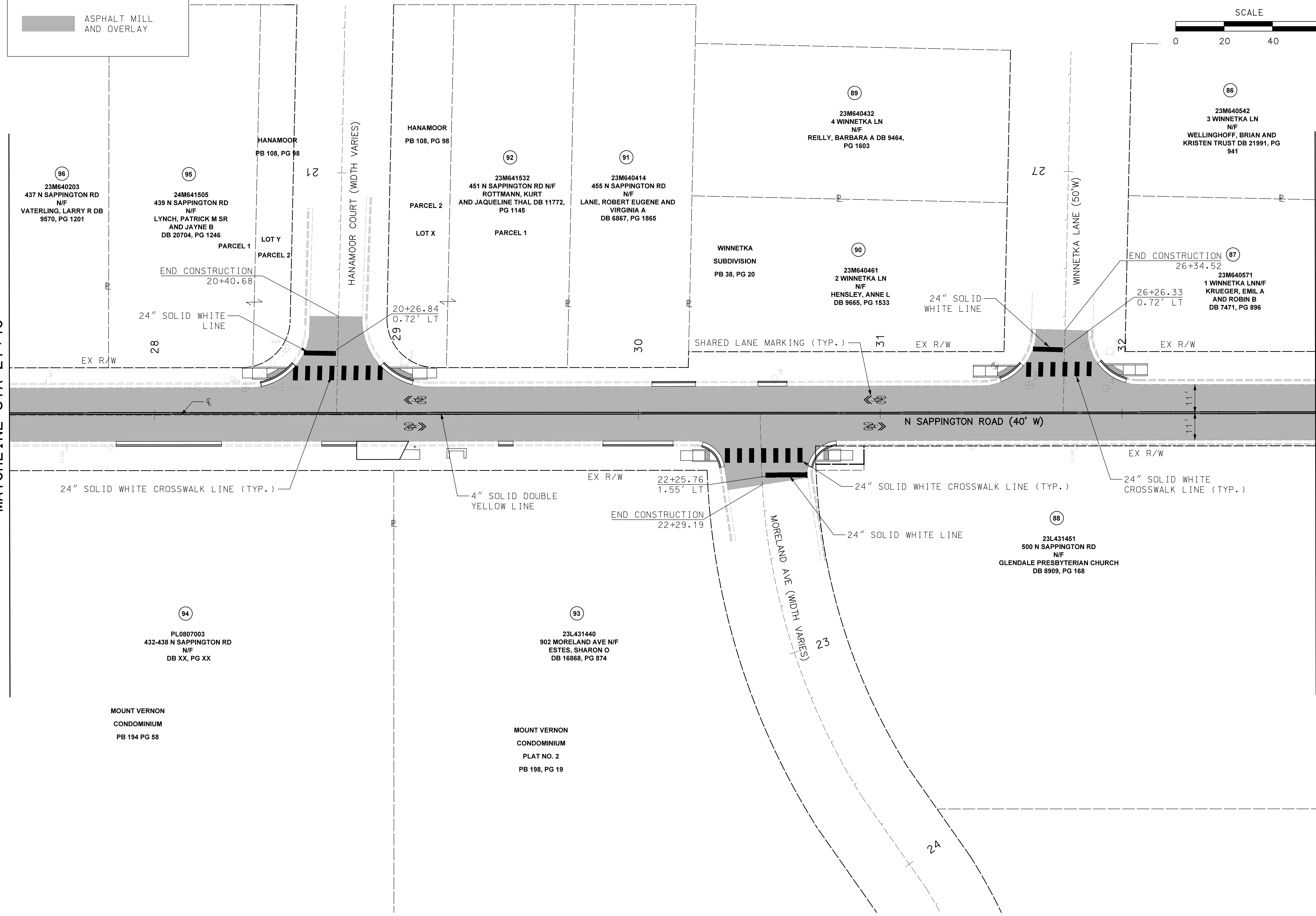
NORTH SAPPINGTON ROAD PRESERVATION

SIGNING AND STRIPING PLANS SHEET 6 OF 14

PROJECT/JOB NO.	STP-5568(604)
MSD PROJECT NO.	25MSD-00108
MSD BASE MAP	22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED	1/27/2026
SHEET	93 OF 102

MATCHLINE STA 27+40

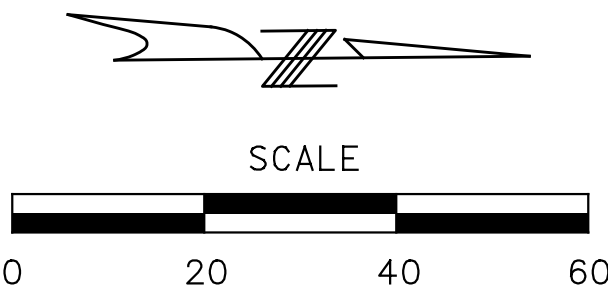
MATCHLINE STA 32+80



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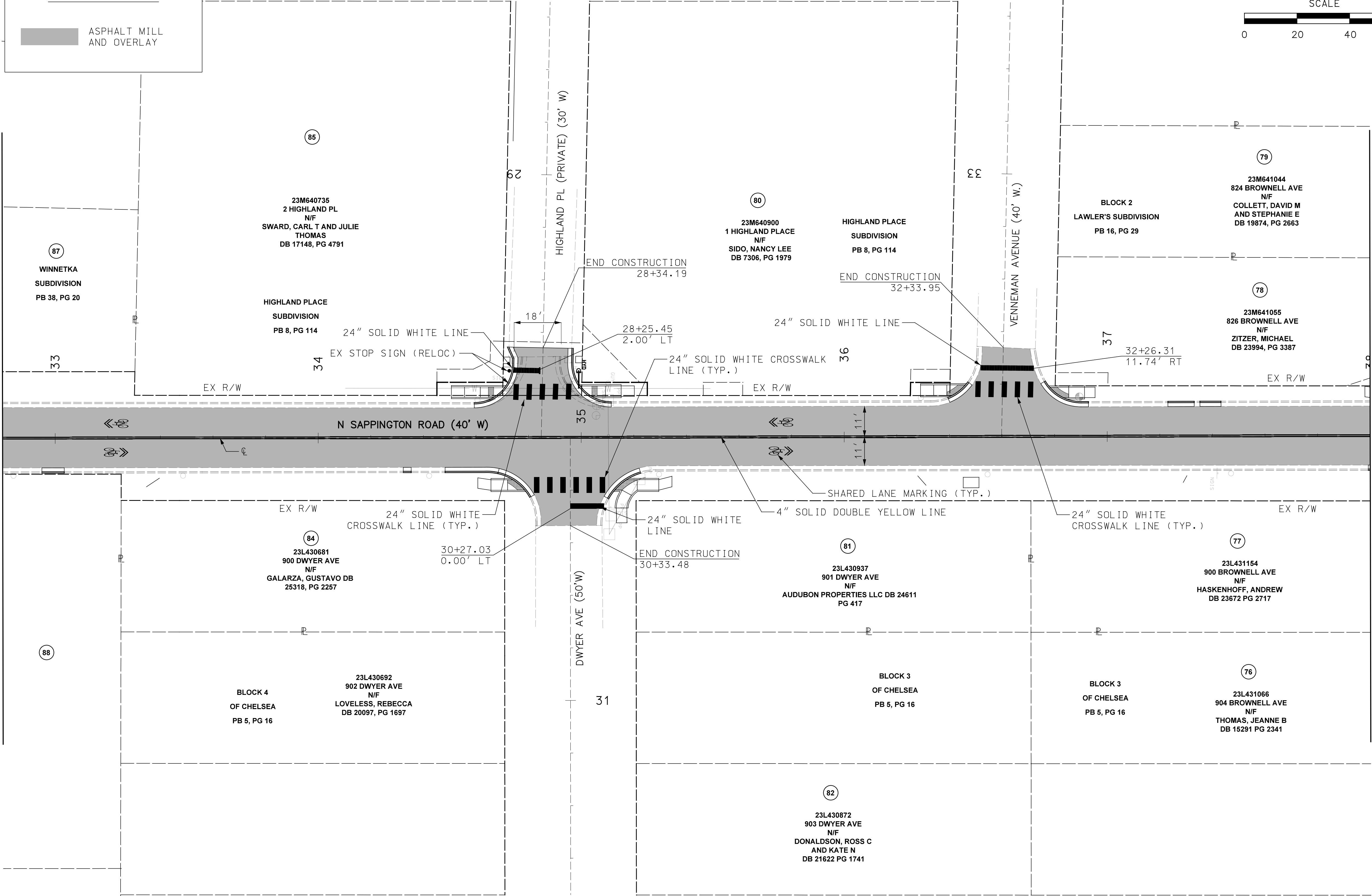
LEGEND

ASPHALT MILL AND OVERLAY



MATCHLINE STA 32+80

MATCHLINE STA 38+00



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REV	DATE	BY	DESCRIPTION

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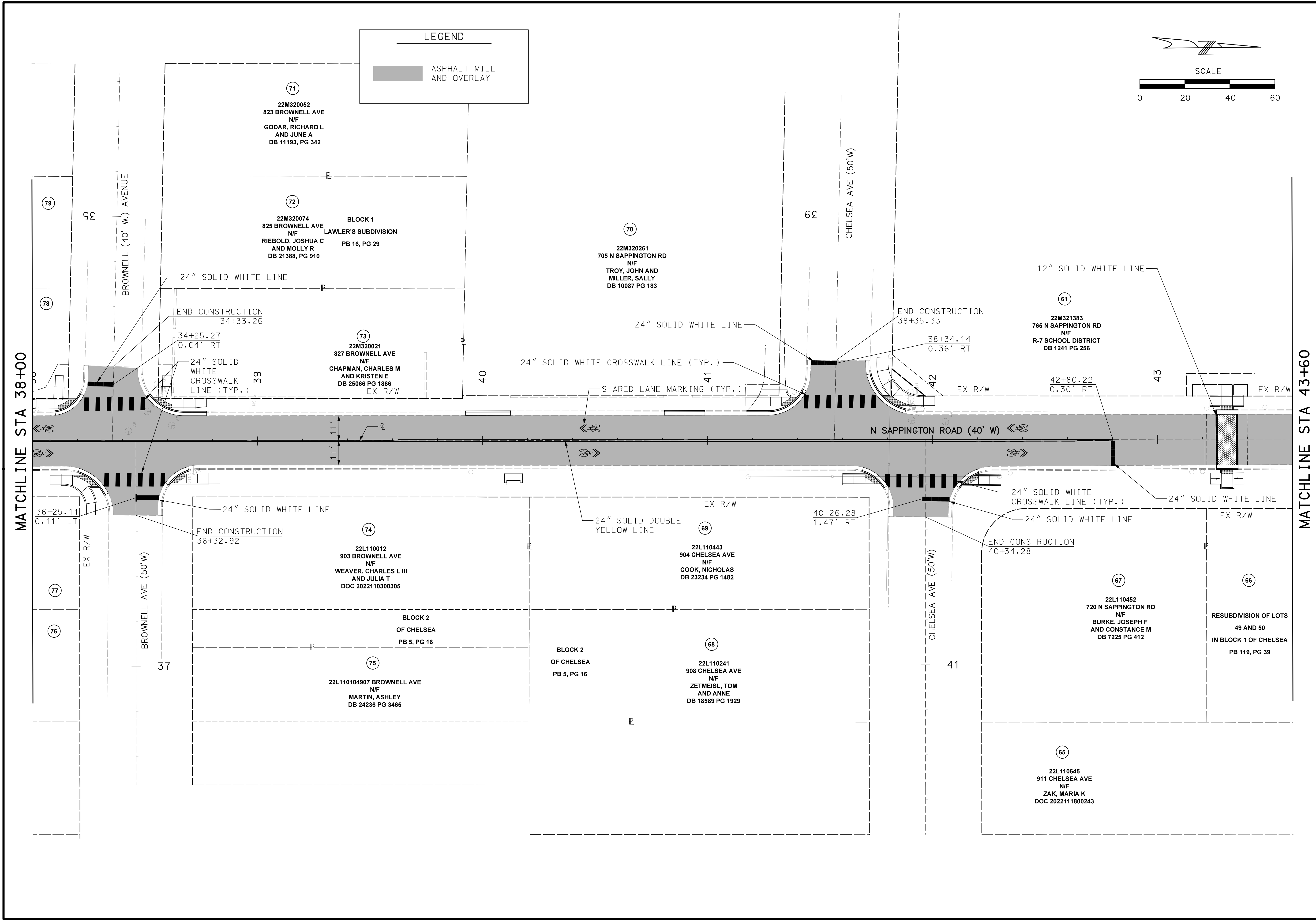
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SIGNING AND STRIPING PLANS SHEET 7 OF 14

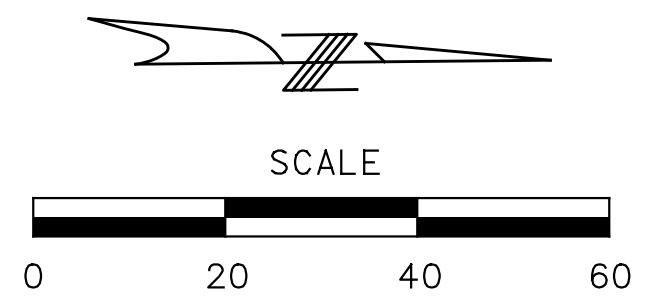
PROJECT/JOB NO.	STP-5568 (604)
MSD PROJECT NO.	25MSD-00108
MSD BASE MAP	22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED	1/27/2026
SHEET	94 OF 102

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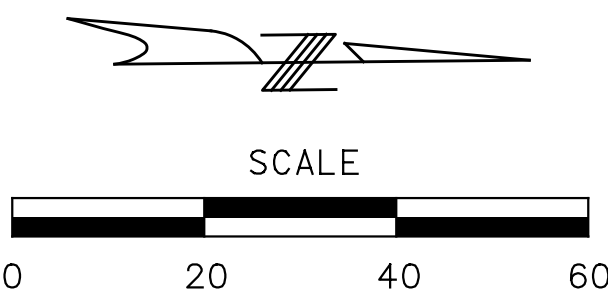
NORTH SAPPINGTON ROAD PRESERVATION
SIGNING AND STRIPING PLANS SHEET 8 OF 14

PROJECT/JOB NO. STP-5568 (604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 95 OF 102

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

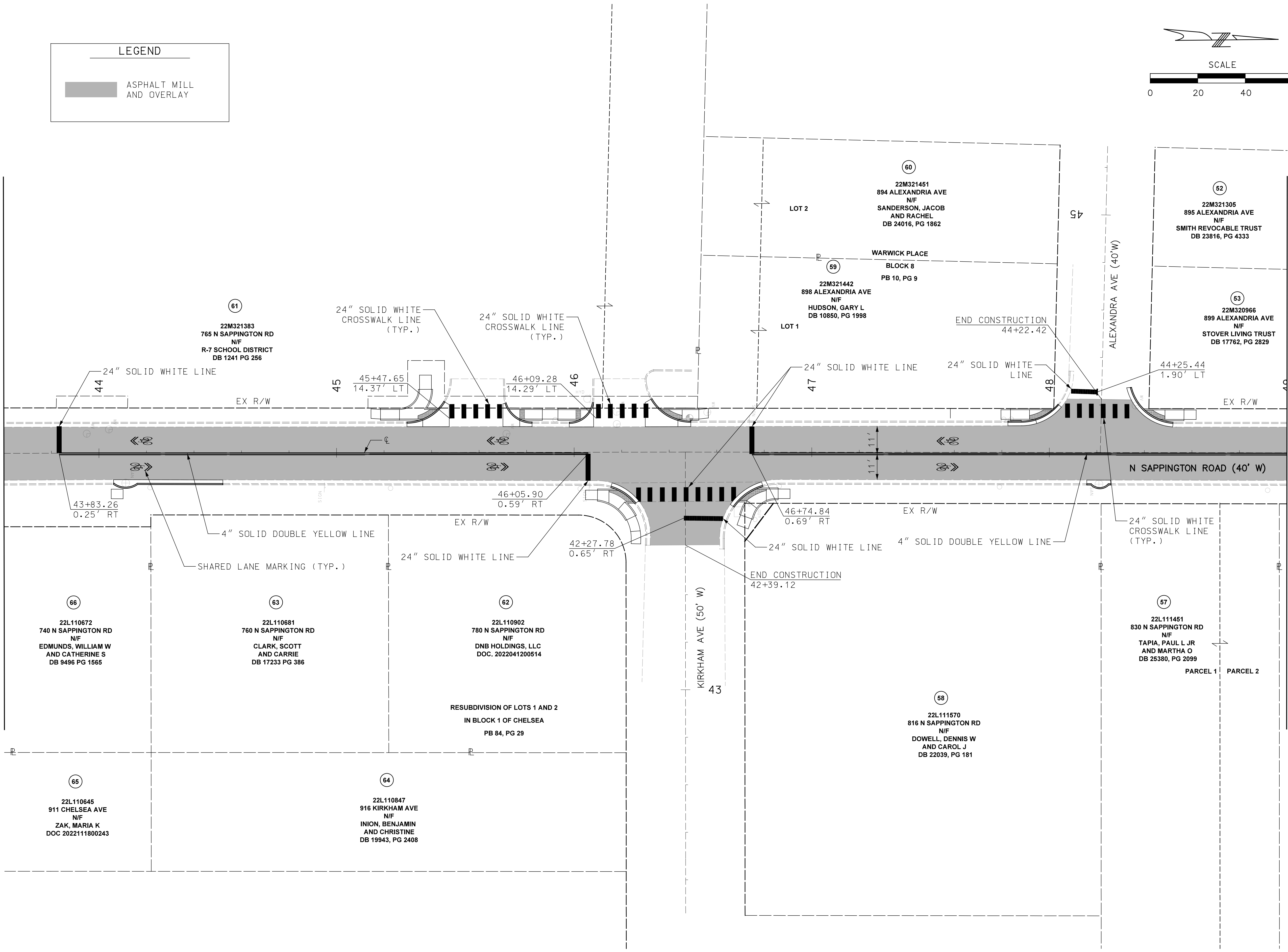
LEGEND

ASPHALT MILL AND OVERLAY



MATCHLINE STA 43+60

MATCHLINE STA 49+00



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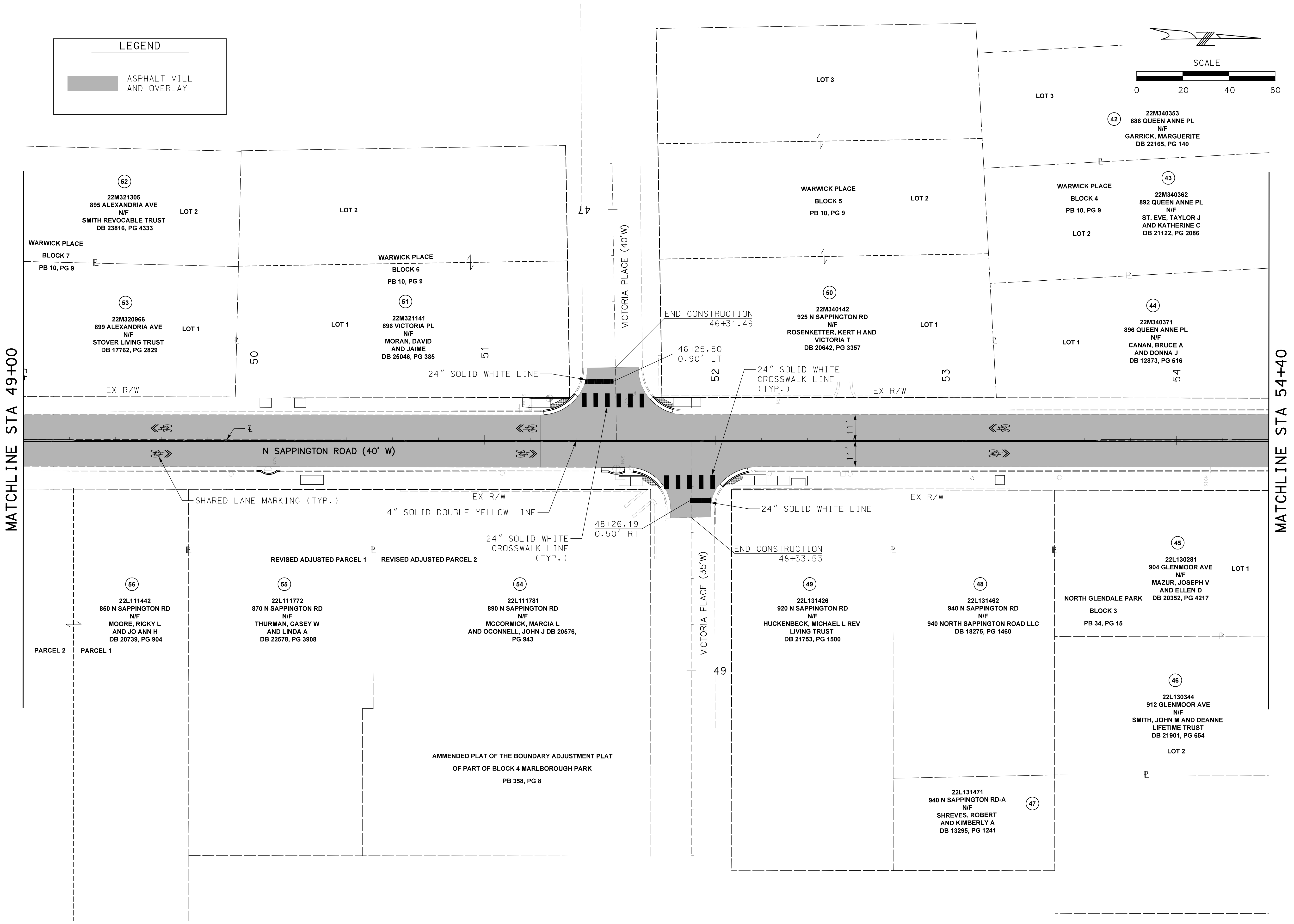
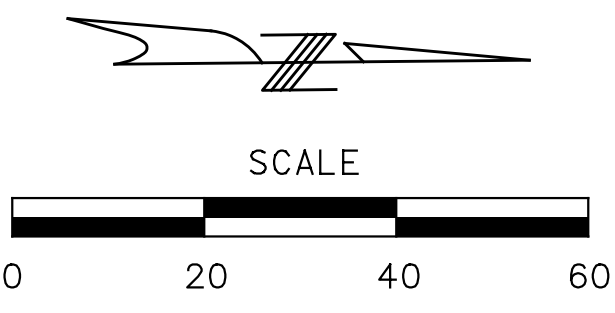
NORTH SAPPINGTON ROAD PRESERVATION
 SIGNING AND STRIPING
 PLANS SHEET 9 OF 14

PROJECT/JOB NO.	STP-5568(604)
MSD PROJECT NO.	25MSD-00108
MSD BASE MAP	22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED	1/27/2026
SHEET	96 OF 102

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LEGEND

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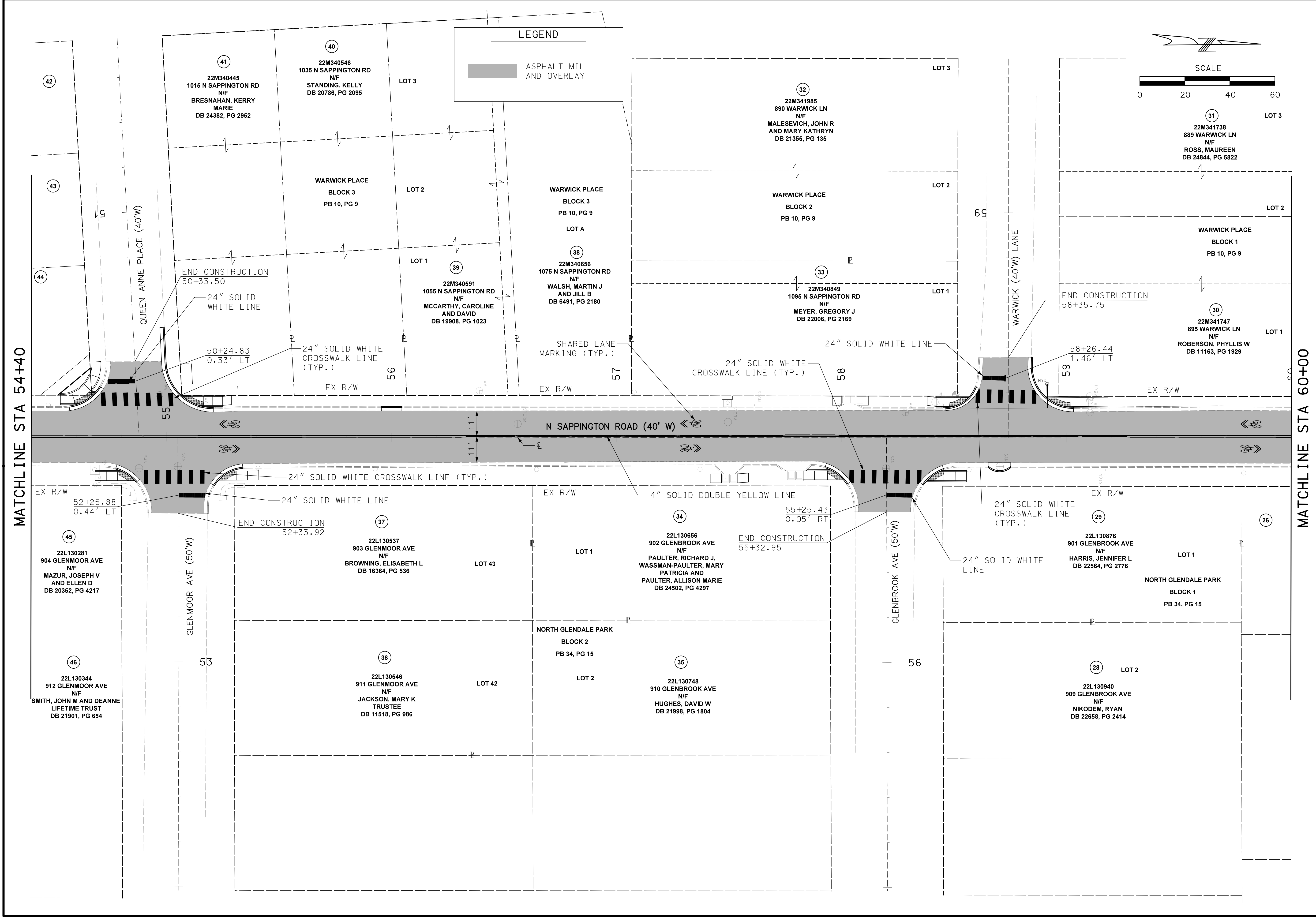
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 SIGNING AND STRIPING
 PLANS SHEET 10 OF 14**

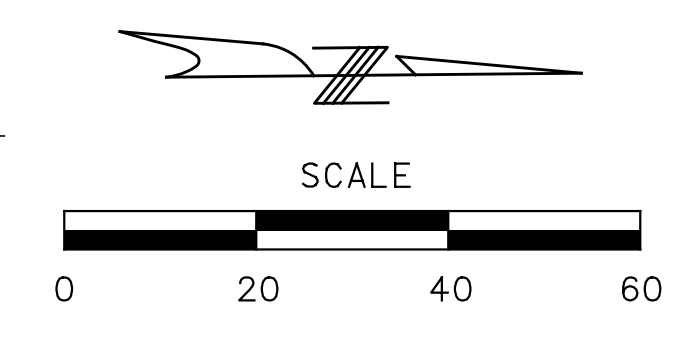
PROJECT/JOB NO. STP-5568 (604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 97 OF 102

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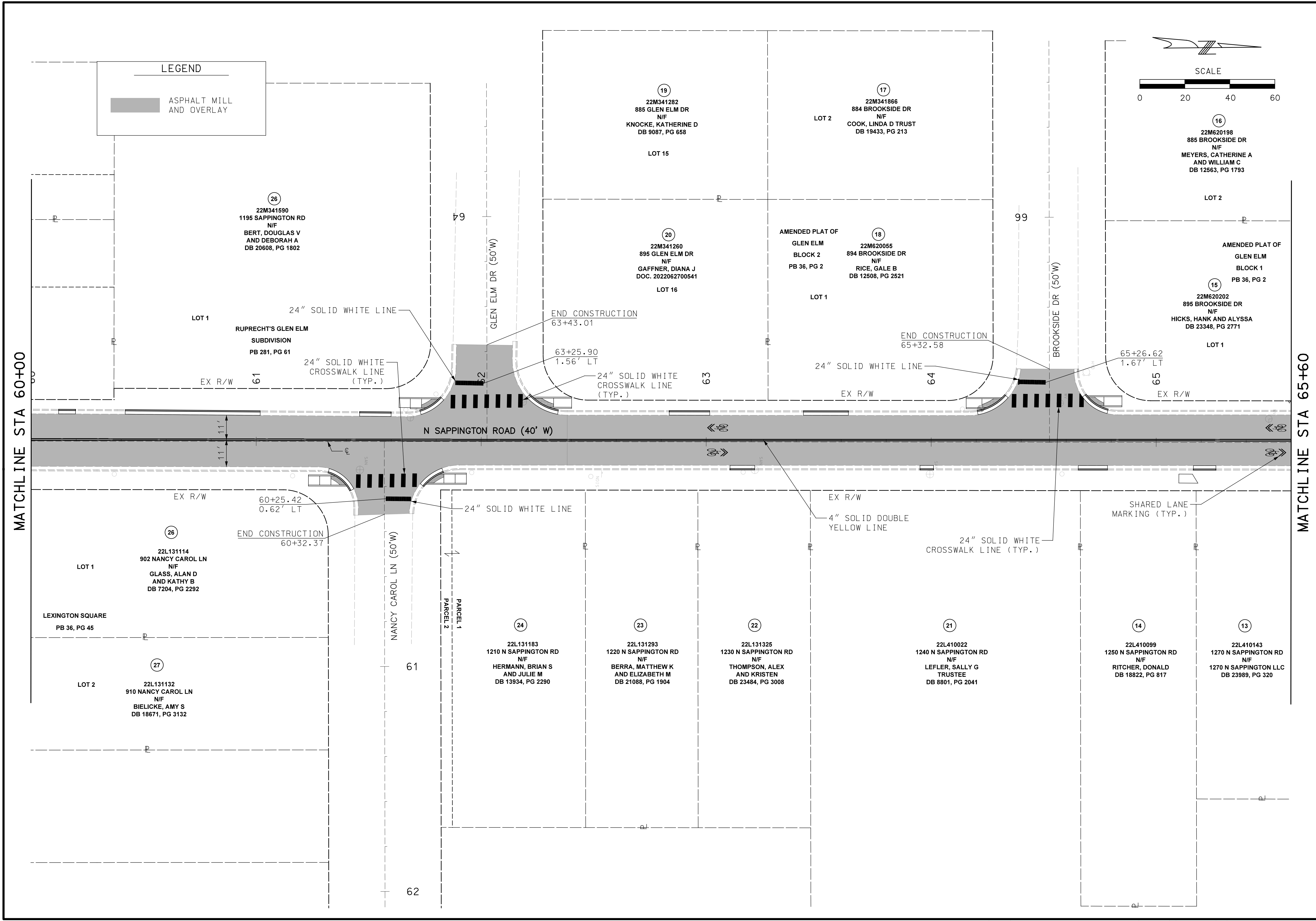
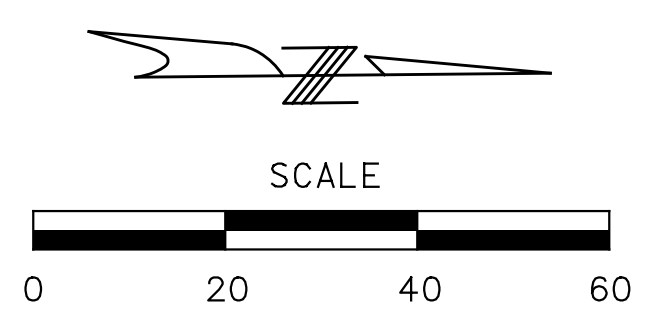
**NORTH SAPPINGTON ROAD PRESERVATION
SIGNING AND STRIPING
PLANS SHEET 11 OF 14**

PROJECT/JOB NO. STP-5568 (604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 98 OF 102

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LEGEND

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 CERTIFICATE/LICENSE NO. 2002011852

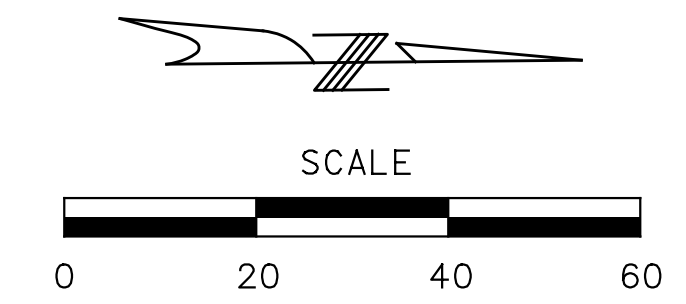
**NORTH SAPPINGTON ROAD PRESERVATION
 SIGNING AND STRIPING
 PLANS SHEET 12 OF 14**

PROJECT/JOB NO. STP-5568(604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 99 OF 102

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

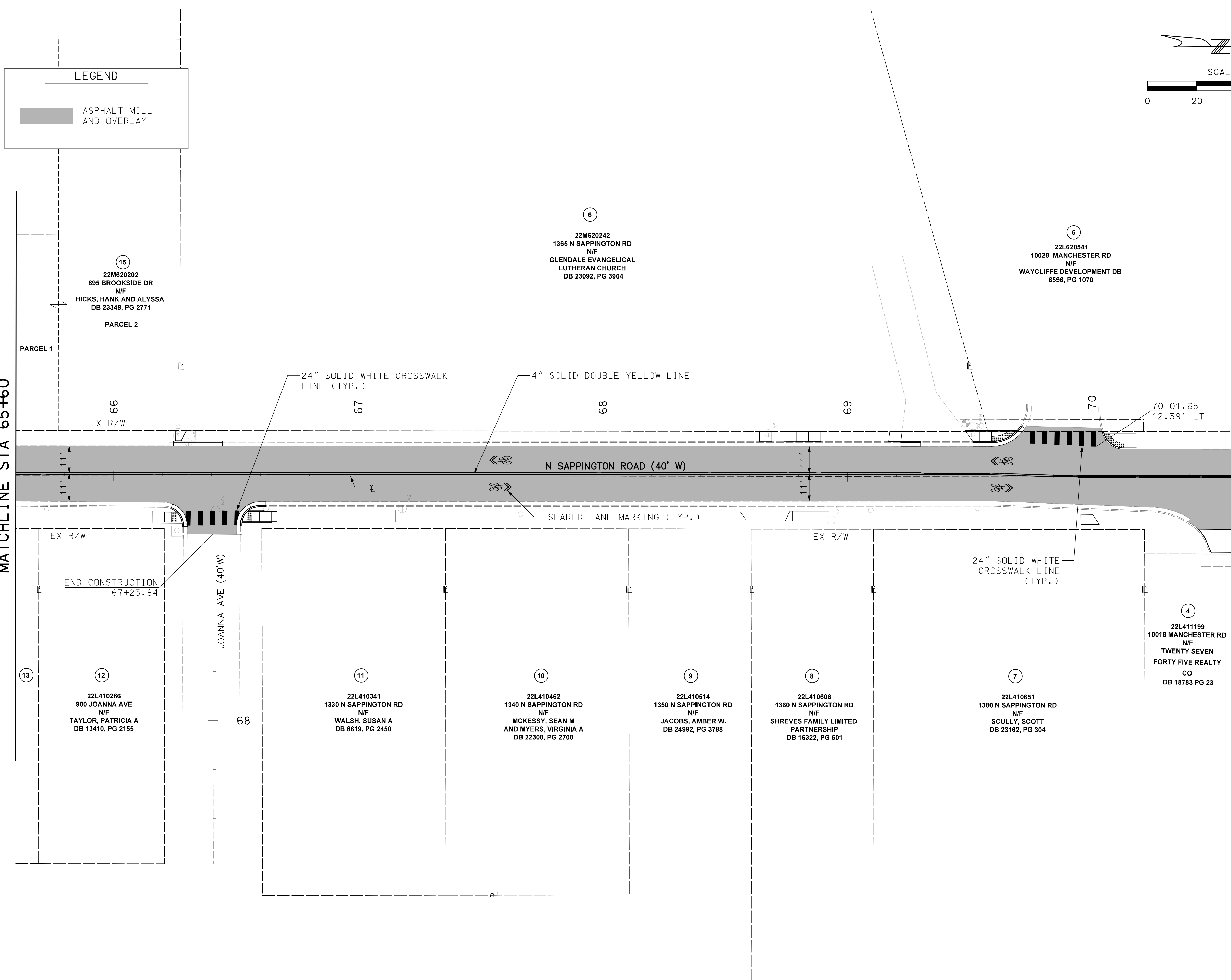
LEGEND

ASPHALT MILL AND OVERLAY



MATCHLINE STA 65+60

MATCHLINE STA 70+60



15
22M62022
895 BROOKSIDE DR
N/F
HICKS, HANK AND ALYSSA
DB 23348, PG 2771
PARCEL 2

6
22M620242
1365 N SAPPINGTON RD
N/F
GLENDALE EVANGELICAL
LUTHERAN CHURCH
DB 23092, PG 3904

5
22L620541
10028 MANCHESTER RD
N/F
WAYCLIFFE DEVELOPMENT DB
6596, PG 1070

13
12
22L410286
900 JOANNA AVE
N/F
TAYLOR, PATRICIA A
DB 13410, PG 2155

JOANNA AVE (40'W)

11
22L410341
1330 N SAPPINGTON RD
N/F
WALSH, SUSAN A
DB 8619, PG 2450

10
22L410462
1340 N SAPPINGTON RD
N/F
MCKESSY, SEAN M
AND MYERS, VIRGINIA A
DB 22308, PG 2708

9
22L410514
1350 N SAPPINGTON RD
N/F
JACOBS, AMBER W.
DB 24992, PG 3788

8
22L410606
1360 N SAPPINGTON RD
N/F
SHREVES FAMILY LIMITED
PARTNERSHIP
DB 16322, PG 501

7
22L410651
1380 N SAPPINGTON RD
N/F
SCULLY, SCOTT
DB 23162, PG 304

4
22L411199
10018 MANCHESTER RD
N/F
TWENTY SEVEN
FORTY FIVE REALTY
CO
DB 18783 PG 23

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REV	DATE	BY	DESCRIPTION

LOCHMUELLER GROUP
399 S SPRING AVENUE, SUITE 208 B
SAINT LOUIS, MISSOURI 63110
P (314) 621-3395 F (314) 621-3288
WWW.LOCHGROUP.COM
MISSOURI STATE ENGINEERING CORPORATION
CERTIFICATE LICENSE NO. 2002011852

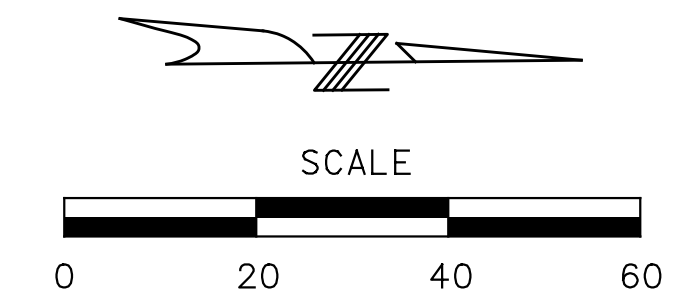
NORTH SAPPINGTON ROAD PRESERVATION
SIGNING AND STRIPING
PLANS SHEET 13 OF 14

PROJECT/JOB NO. STP-5568 (604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 100 OF 102

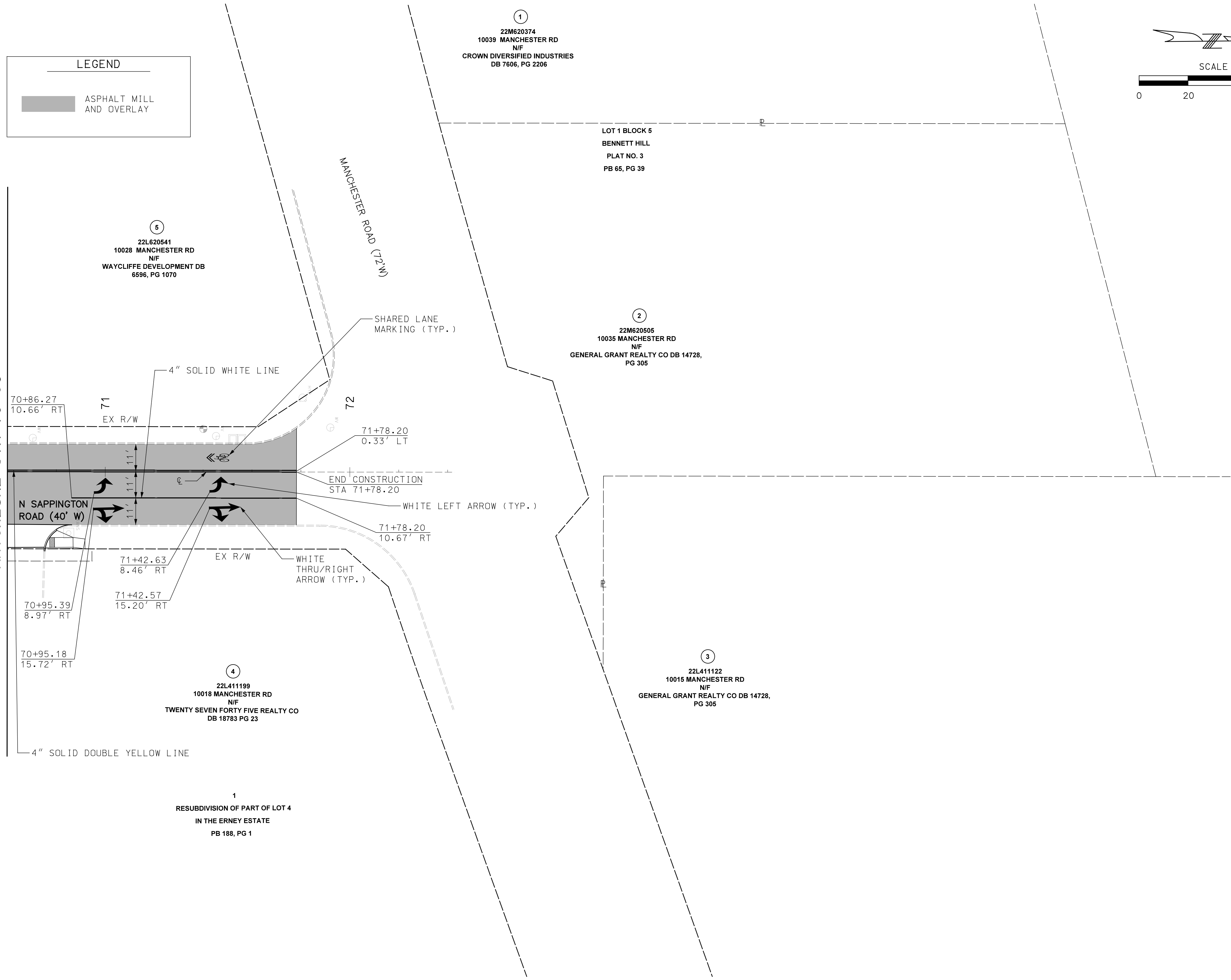
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LEGEND

ASPHALT MILL AND OVERLAY



MATCHLINE STA 70+60



70+86.27
10.66' RT
EX R/W

70+95.39
8.97' RT

70+95.18
15.72' RT

71
11'
11'
EX R/W

71+42.63
8.46' RT

71+42.57
15.20' RT

N SAPPINGTON ROAD (40' W)

4
22L411199
10018 MANCHESTER RD
N/F
TWENTY SEVEN FORTY FIVE REALTY CO
DB 18783 PG 23

1
RESUBDIVISION OF PART OF LOT 4
IN THE ERNEY ESTATE
PB 188, PG 1

MANCHESTER ROAD (7.2' W)

72
71+78.20
0.33' LT

WHITE THRU/RIGHT
ARROW (TYP.)

END CONSTRUCTION
STA 71+78.20

WHITE LEFT ARROW (TYP.)

SHARED LANE
MARKING (TYP.)

4" SOLID WHITE LINE

4" SOLID DOUBLE YELLOW LINE

1
22M620374
10039 MANCHESTER RD
N/F
CROWN DIVERSIFIED INDUSTRIES
DB 7606, PG 2206

LOT 1 BLOCK 5
BENNETT HILL
PLAT NO. 3
PB 65, PG 39

2
22M620505
10035 MANCHESTER RD
N/F
GENERAL GRANT REALTY CO DB 14728,
PG 305

3
22L411122
10015 MANCHESTER RD
N/F
GENERAL GRANT REALTY CO DB 14728,
PG 305

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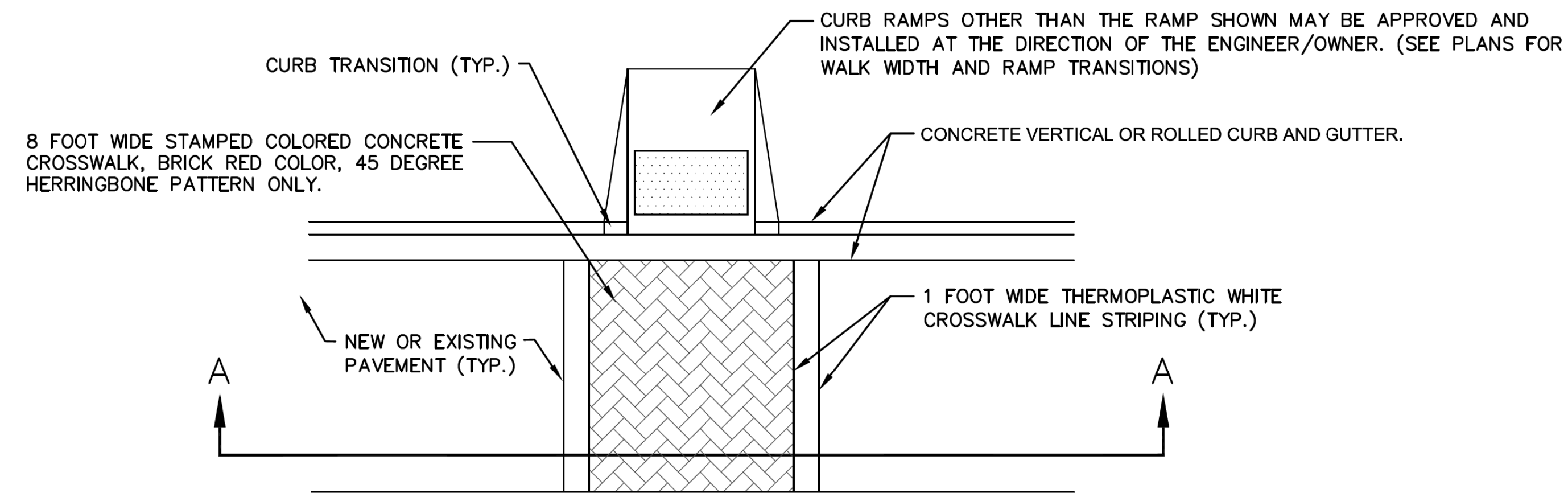
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NORTH SAPPINGTON
ROAD PRESERVATION
SIGNING AND STRIPING
PLANS SHEET 14 OF 14

PROJECT/JOB NO. STP-5568(604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 101 OF 102

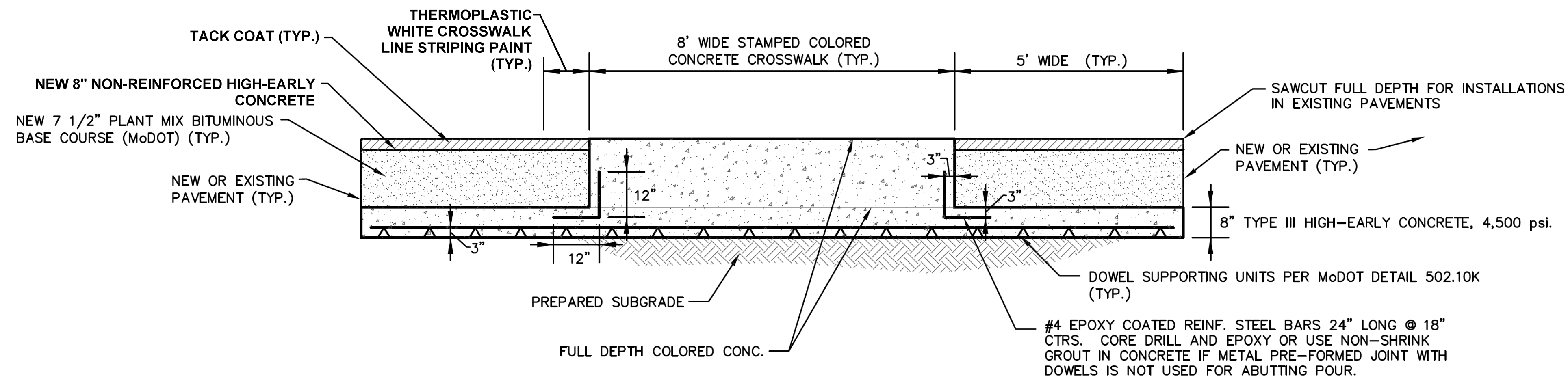
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PLAN VIEW

GENERAL NOTES:

1. DO NOT SCALE DRAWING, FOLLOW DIMENSIONS.
2. 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.
3. 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.
4. 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.
5. CONTRACTOR SHALL NOTIFY THE ENGINEER/OWNER 24 HOURS PRIOR TO PLACEMENT OF CONCRETE.
6. CROSSWALK SHALL BE TYPE III HIGH-EARLY CONCRETE, 4,500 PSI.
7. 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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NORTH SAPPINGTON ROAD PRESERVATION
MISCELLANEOUS DETAILS

PROJECT/JOB NO. STP-5568(604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 1/27/2026
SHEET 102 OF 102

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