

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

COVER SHEET	1
GENERAL NOTES	2
TYPICAL SECTIONS	3
SUMMARY OF QUANTITIES	4
SCHEDULE OF QUANTITIES	5-7
REMOVAL PLANS	8-21
ALIGNMENT AND TIES	22-25
PLAN SHEETS	26-39
RIGHT OF WAY PLANS	40-53
DRAINAGE MAPS	54
STORM SEWER PLAN-PROFILE	55-57
DRAINAGE DETAILS	58
TRAFFIC CONTROL PLANS	59-69
SIGNAL SHEETS	70
SIGNAL DETAILS	71-73
EROSION CONTROL PLANS	74-87
SIGNING AND STRIPING PLANS	88-101
MISCELLANEOUS DETAILS	102

NOTE: DASHED OR OPEN SYMBOLS INDICATE
EXISTING FEATURES.

 5-19-26
MIKE WILCOX DATE
MAYOR

N.T.

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



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.

REVISIONS			
REV	DATE	BY	DESCRIPTION
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9
10	10	10	10
11	11	11	11
12	12	12	12
13	13	13	13
14	14	14	14
15	15	15	15
16	16	16	16
17	17	17	17
18	18	18	18
19	19	19	19
20	20	20	20
21	21	21	21
22	22	22	22
23	23	23	23
24	24	24	24
25	25	25	25
26	26	26	26
27	27	27	27
28	28	28	28
29	29	29	29
30	30	30	30
31	31	31	31
32	32	32	32
33	33	33	33
34	34	34	34
35	35	35	35
36	36	36	36
37	37	37	37
38	38	38	38
39	39	39	39
40	40	40	40
41	41	41	41
42	42	42	42
43	43	43	43
44	44	44	44
45	45	45	45
46	46	46	46
47	47	47	47
48	48	48	48
49	49	49	49
50	50	50	50
51	51	51	51
52	52	52	52
53	53	53	53
54	54	54	54
55	55	55	55
56	56	56	56
57	57	57	57
58	58	58	58
59	59	59	59
60	60	60	60
61	61	61	61
62	62	62	62
63	63	63	63
64	64	64	64
65	65	65	65
66	66	66	66
67	67	67	67
68	68	68	68
69	69	69	69
70	70	70	70
71	71	71	71
72	72	72	72
73	73	73	73
74	74	74	74
75	75	75	75
76	76	76	76
77	77	77	77
78	78	78	78
79	79	79	79
80	80	80	80
81	81	81	81
82	82	82	82
83	83	83	83
84	84	84	84
85	85	85	85
86	86	86	86
87	87	87	87
88	88	88	88
89	89	89	89
90	90	90	90
91	91	91	91
92	92	92	92
93	93	93	93
94	94	94	94
95	95	95	95
96	96	96	96
97	97	97	97
98	98	98	98
99	99	99	99
100	100	100	100

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.

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

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

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.

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.

14353 NAVD88 (SLC2011a) Elev = 619.05 F+US (or) 188.686 Meter NGVD29
Elev = 619.39 F+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 Range NAD83
Lat=38.591809° ±(N/-) Long=90.386347° ±(W/-)

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 CORPORATE
CERTIFICATE/LICENSE NO. 2002011852

CITY OF GLENDALE, MO
NORTH SAPPINGTON
ROAD PRESERVATION

PROJECT/JOB NO. STP-5568 (604)	PROJECT NO. 25MSD-00108 MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3 DATE PREPARED 5/18/2026 SHEET 1 OF 102
MSD PROJECT NO. 25MSD-00108	
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3	
DATE PREPARED 5/18/2026	
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.

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 SIMILIAR 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:

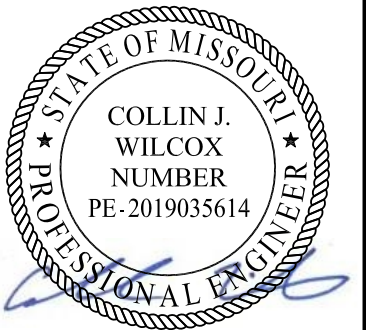
ALL STORM AND SANITARY SEWER STRUCTURES AND APPURTENANCES TO BE DEDICATED TO MSD, OR TO BE PRIVATE UNDER MSD INSPECTION, SHALL CONFORM TO THE METROPOLITAN ST. LOUIS SEWER DISTRICT, STANDARD CONSTRUCTION SPECIFICATIONS FOR SEWERS AND DRAINAGE FACILITIES, 2023. THAT WILL INCLUDE STANDARD DETAILS SHOWN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

PART 2 – MATERIALS OF CONSTRUCTION

SECTION G 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.



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.

REVISONS			
REV	DATE	BY	DESCRIPTION



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

CITY OF GLENDALE, MO
NORTH SAPPINGTON
ROAD PRESERVATION

GENERAL NOTES
SHEET 1 OF 1

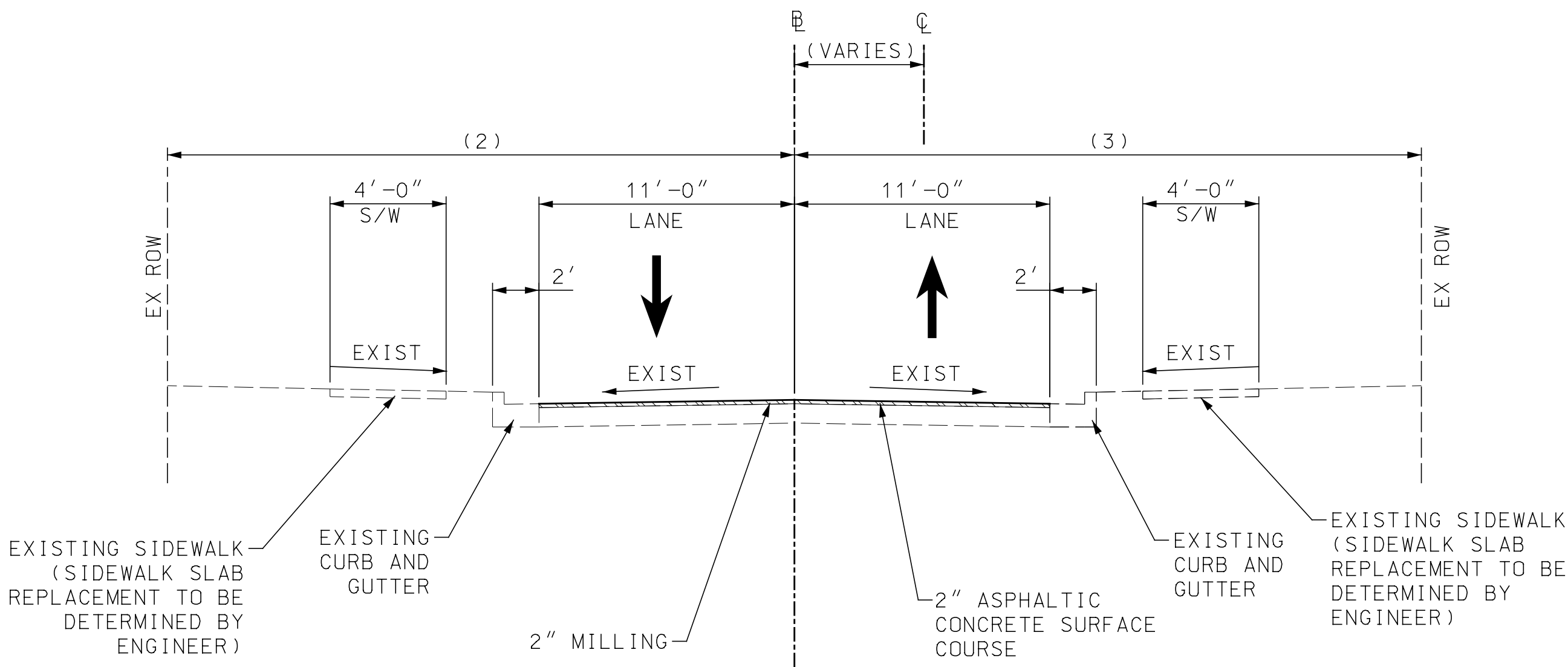
PROJECT/JOB NO. STP-5568(604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 5/18/2026
SHEET 2 OF 102

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.

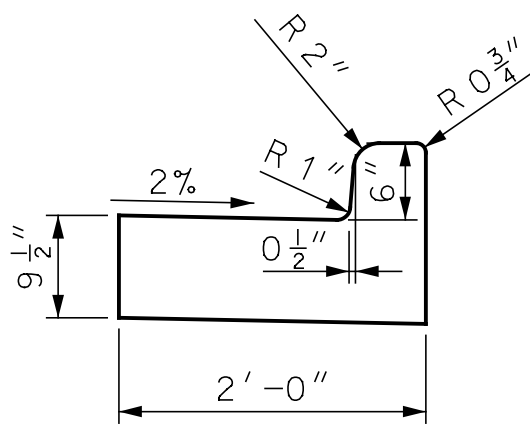
GENERAL NOTE:

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.

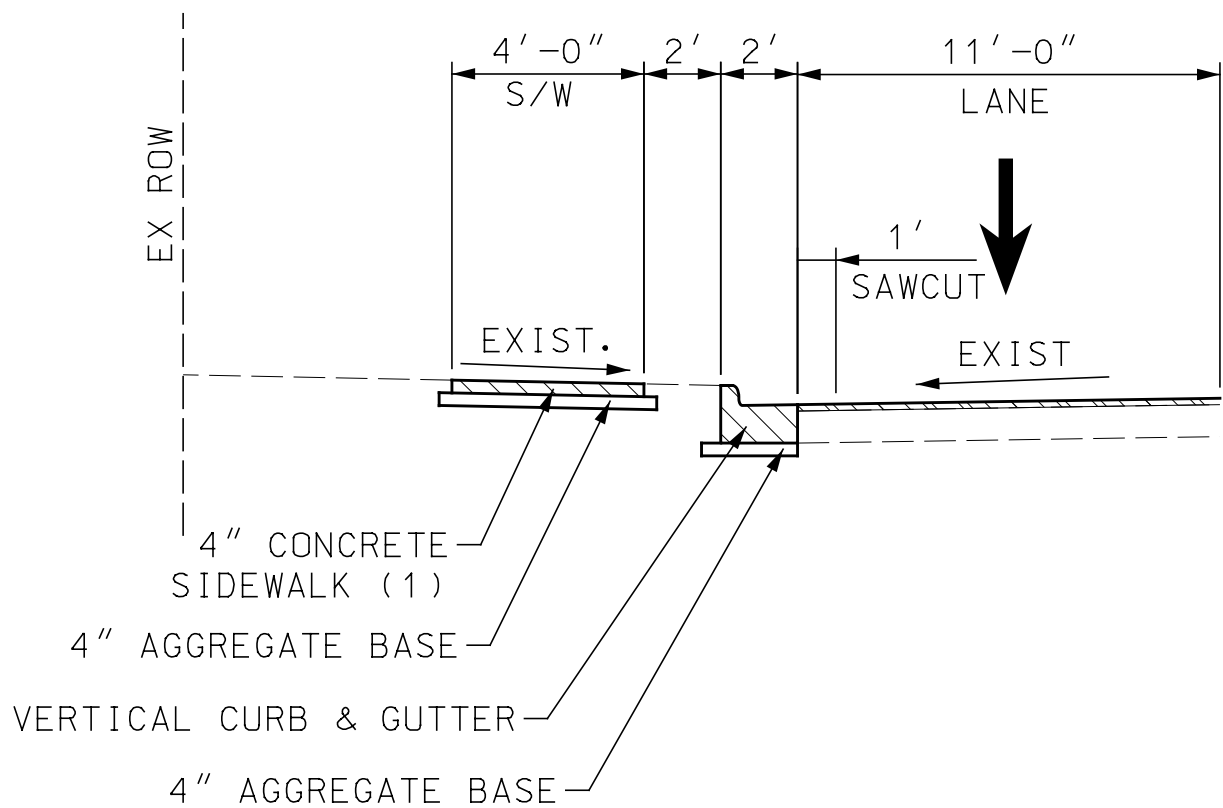


SAPPINGTON RD

STA 0+50.60 TO STA 71+78.86

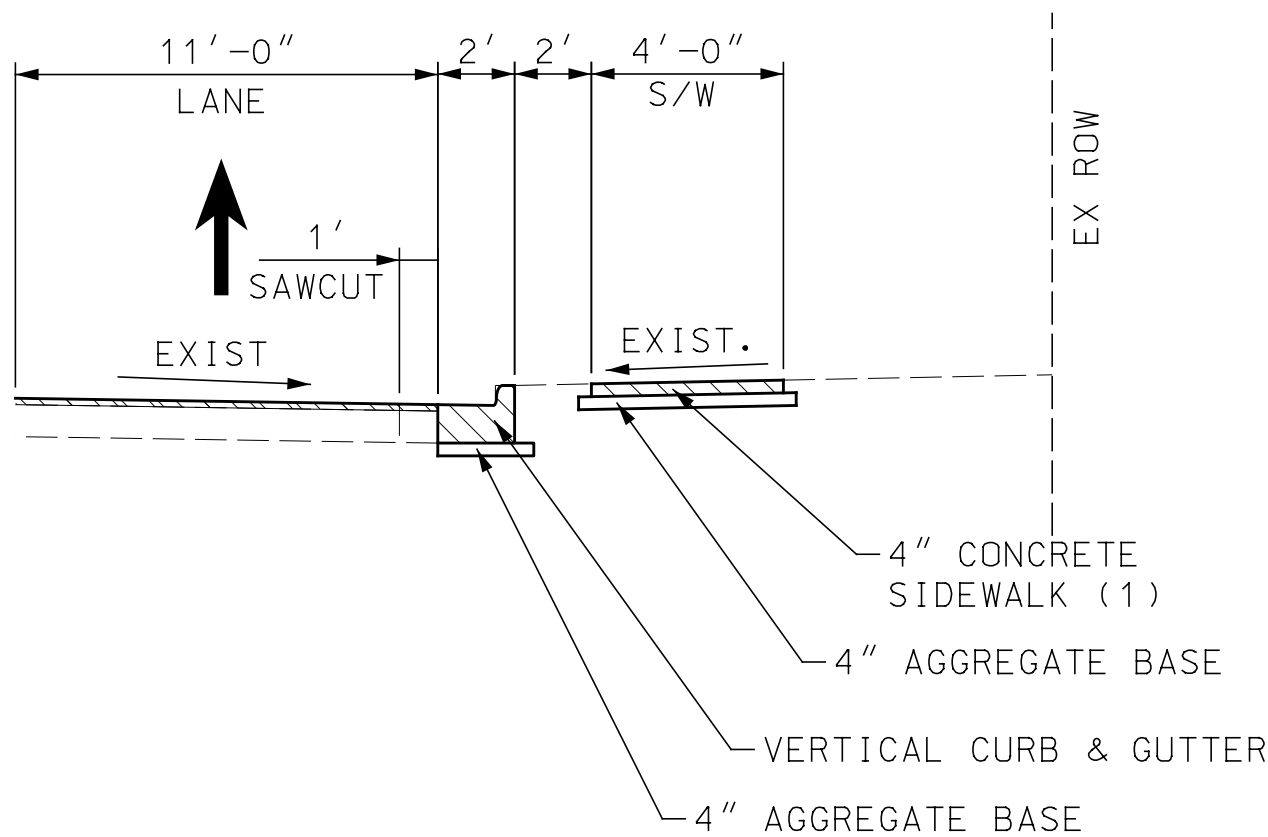


VERTICAL CURB & GUTTER
STANDARD SLOPE



SAPPINGTON RD PARTIAL SECTION AT
CURB AND GUTTER AND SIDEWALK REPLACEMENT

SEE PLAN FOR LOCATIONS



SAPPINGTON RD PARTIAL SECTION AT
CURB AND GUTTER AND SIDEWALK REPLACEMENT

SEE PLANS FOR LOCATIONS



REMOVAL



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.

REVISIONS		DESCRIPTION
REV	DATE	BY

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

CITY OF GLENDALE, MO
NORTH SAPPINGTON
ROAD PRESERVATION
TYPICAL SECTIONS
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 5/18/2026
SHEET 3 OF 102

SUMMARY OF QUANTITIES

ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY
SPECIFIC ROADWAY ITEMS			
2022010	REMOVAL OF IMPROVEMENTS	LS	1
2029902	REMOVAL AND RELOCATION OF BRICK COLUMN	EA	2
2031000	CLASS A EXCAVATION	CY	177
3040504	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)	SY	1519
4039910	MISC. HIGH TENSILE STRENGTH SYNTHETIC FIBER ASPHALTIC CONCRETE MIXTURE PG 70-22 (S	TON	2229
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	185
608-99.05	DECORATIVE CROSSWALK	SY	30
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	103
609-10.10	CONCRETE CURB (6 IN. HEIGHT AND UNDER) TYPE S	LF	111
609-10.53	CURB AND GUTTER, VERTICAL	LF	2179
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	158
726-23.15	15" CLASS III REINFORCED CONCRETE PIPE CULVERT (GASKET TYPE)	LF	14
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	789
804-10.00	TOPSOIL	CY	88
SPECIFIC BICYCLE / PEDESTRIAN ITEMS			
608-60.00	CONCRETE SIDEWALK	SY	213
608-60.07	CONCRETE SIDEWALK, CURB RAMP (7" THICK)	SY	598
608-60.98	TRUNCATED DOMES FOR CURB RAMPS (NEW CONSTRUCTION)	SF	991
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	1829
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
9022651	LUMINAIRE LED-A, 120 VOLT COMPATIBLE	EA	1
9022704	POST, SIGNAL 4 FT.	EA	1
9022715	POST, SIGNAL 15 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.

REVISIONS		DESCRIPTION
REV	DATE	BY
1	6/23/2026	C3W
		ADD #1 - SIGNAL POST ITEMS



CITY OF GLENDALE, MO

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

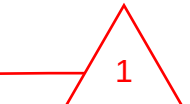
6/23/2026

SHEET

4 OF 102

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+13.39	24+21.39	N SAPPINGTON	LT/RT	19.7 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+82.45	25+03.26	N SAPPINGTON	RT	25.0 LF CURB & GUTTER
5	24+83.33	25+00.69	N SAPPINGTON	RT	8.4 SY SIDEWALK
5	24+87.68	25+51.25	N SAPPINGTON	RT	58.7 SY PAVEMENT
5	24+93.19	25+09.84	N SAPPINGTON	RT	14.3 LF CURB & GUTTER
5	25+01.12	25+04.95	N SAPPINGTON	RT	6.0 LF STORM SEWER
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+88.02	N SAPPINGTON	RT	4.4 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	39+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+26.92	43+34.92	N SAPPINGTON	LT/RT	20.0 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	LT	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+60.75	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 S APPINGTON	LT	12.3 SY SIDEWALK
11	54+56.91	54+70.83	N S APPINGTON	LT	17.1 LF CURB & GUTTER
11	54+68.42	54+86.67	N S APPINGTON	RT	7.3 SY SIDEWALK
11	54+77.68	54+87.04	N S APPINGTON	RT	11.3 LF CURB & GUTTER
11	54+99.41	55+20.87	N S APPINGTON	LT	47.9 LF CURB & GUTTER
11	54+99.91	55+28.96	N S APPINGTON	LT	27.5 SY SIDEWALK
11	55+21.04	55+34.02	N S APPINGTON	RT	15.8 LF CURB & GUTTER
11	55+21.46	55+41.13	N S APPINGTON	RT	8.4 SY SIDEWALK
11	55+95.73	56+04.73	N S APPINGTON	LT	9.0 LF CURB & GUTTER
11	57+41.82	57+58.82	N S APPINGTON	RT	4.4 SY SIDEWALK
11	57+46.94	57+51.64	N S APPINGTON	LT	0.8 SY SIDEWALK
11	57+83.16	58+02.57	N S APPINGTON	RT	8.0 SY SIDEWALK
11	57+92.94	58+02.99	N S APPINGTON	RT	12.8 LF CURB & GUTTER
11	57+96.06	58+12.06	N S APPINGTON	LT	4.0 SY SIDEWALK
11	58+36.16	58+45.48	N S APPINGTON	RT	11.8 LF CURB & GUTTER
11	58+36.56	58+55.71	N S APPINGTON	RT	7.7 SY SIDEWALK
11	58+32.22	58+59.13	N S APPINGTON	LT	8.7 SY SIDEWALK
11	58+46.50	58+60.04	N S APPINGTON	LT	17.6 LF CURB & GUTTER
11	58+65.40	58+75.35	N S APPINGTON	RT	11.0 LF CURB & GUTTER
11	58+84.50	59+03.22	N S APPINGTON	LT	33.5 LF CURB & GUTTER
11	58+87.52	59+18.66	N S APPINGTON	LT	13.9 SY SIDEWALK
12	60+12.19	60+19.69	N S APPINGTON	LT	7.5 LF CURB & GUTTER
12	60+41.77	61+01.77	N S APPINGTON	LT	60.0 LF CURB & GUTTER
12	61+23.24	61+41.63	N S APPINGTON	RT	8.1 SY SIDEWALK
12	61+32.08	61+42.08	N S APPINGTON	RT	13.3 LF CURB & GUTTER
12	61+45.95	61+59.95	N S APPINGTON	LT	14.0 LF CURB & GUTTER
12	61+63.47	61+81.83	N S APPINGTON	LT	7.3 SY SIDEWALK
12	61+72.84	61+82.21	N S APPINGTON	LT	11.3 LF CURB & GUTTER
12	61+74.13	61+83.06	N S APPINGTON	RT	11.1 LF CURB & GUTTER
12	61+74.56	61+93.44	N S APPINGTON	RT	7.4 SY SIDEWALK
12	62+21.35	62+34.22	N S APPINGTON	LT	15.0 LF CURB & GUTTER
12	62+22.26	62+40.17	N S APPINGTON	LT	6.7 SY SIDEWALK
12	62+83.58	63+01.58	N S APPINGTON	LT	18.0 LF CURB & GUTTER
12	63+10.59	63+21.59	N S APPINGTON	RT	11.0 LF CURB & GUTTER
12	63+43.19	63+63.19	N S APPINGTON	LT	20.0 LF CURB & GUTTER
12	63+95.03	64+01.03	N S APPINGTON	RT	6.0 LF CURB & GUTTER
12	64+15.53	64+32.17	N S APPINGTON	LT	6.3 SY SIDEWALK
12	64+20.53	64+33.05	N S APPINGTON	LT	14.7 LF CURB & GUTTER
12	64+65.38	64+78.38	N S APPINGTON	RT	13.0 LF CURB & GUTTER
12	64+68.44	64+78.55	N S APPINGTON	LT	12.4 LF CURB & GUTTER
12	64+68.84	64+84.76	N S APPINGTON	LT	7.0 SY SIDEWALK
12	65+10.09	65+18.57	N S APPINGTON	RT	3.2 SY SIDEWALK
12	65+16.55	65+26.55	N S APPINGTON	RT	10.0 LF CURB & GUTTER
13	66+15.79	66+28.10	N S APPINGTON	RT	6.3 SY SIDEWALK
13	66+23.63	66+28.60	N S APPINGTON	RT	9.5 LF CURB & GUTTER
13	66+24.48	66+44.48	N S APPINGTON	LT	20.0 LF CURB & GUTTER
13	66+25.28	66+29.75	N S APPINGTON	LT	1.5 SY SIDEWALK
13	66+27.55	66+33.27	N S APPINGTON	RT	2.1 SY PAVED APPROACH
13	66+51.89	66+62.23	N S APPINGTON	RT	15.4 LF CURB & GUTTER
13	66+52.39	66+66.87	N S APPINGTON	RT	7.0 SY SIDEWALK
13	68+64.09	68+69.09	N S APPINGTON	LT	2.2 SY SIDEWALK
13	68+74.09	68+89.09	N S APPINGTON	LT	6.7 SY SIDEWALK
13	68+74.70	68+92.59	N S APPINGTON	RT	7.6 SY SIDEWALK
13	69+16.84	69+22.33	N S APPINGTON	LT	2.2 SY SIDEWALK
13	69+21.84	69+29.84	N S APPINGTON	LT	8.0 LF CURB & GUTTER
13	69+48.00	69+70.23	N S APPINGTON	LT	8.8 SY SIDEWALK
13	69+51.38	69+71.34	N S APPINGTON	LT	22.3 LF CURB & GUTTER
13	69+95.48	70+02.96	N S APPINGTON	RT	2.8 SY SIDEWALK
13	70+04.24	70+18.09	N S APPINGTON	LT	16.4 LF VERTICAL CURB
14	70+43.45	70+86.27	N S APPINGTON	RT	32.9 SY PAVED APPROACH
14	70+74.89	70+79.99	N S APPINGTON	RT	10.5 LF VERTICAL CURB
14	70+75.40	70+91.72	N S APPINGTON	RT	7.6 SY SIDEWALK
				PAY TOTAL	1 LUMP SUM

PAVEMENT MARKINGS SCHEDULE										
			6206000C	6206001C	6200012	6206124A		6200021	6200027	6209902
			4 IN WHITE	4 IN YELLOW	12 IN WHITE	24 IN WHITE CROSSWALK	24 IN WHITE STOP BAR	LEFT/RIGHT ARROW	COMBINATION STR/LT/RT ARROW	PREFORMED THERMOPLASTIC PAVEMENT MARKING, SHARED LANE SYMBOL
STA	TO STA	STREET	LF	LF	LF	LF	LF	EA	EA	EA
0+00	5+00	SAPPINGTON		880	26	46	25			6
5+00	10+60	SAPPINGTON		916		110	50			6
10+60	16+20	SAPPINGTON		1120		35	10			6
16+20	21+80	SAPPINGTON		990		144	49			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	44			4
38+00	43+60	SAPPINGTON		962	45	155	57			6
43+60	49+00	SAPPINGTON		894		149	62			6
49+00	54+40	SAPPINGTON		1080		66	22			6
54+40	60+00	SAPPINGTON		1120		154	46			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	1829		2	2	71

UTILITY ADJUSTMENTS									
STA	TO STA	ROADWAY	603-10.30	6049902B	6049902C				
			ADJUST WATER SERVICE VALVE AND BOX TO GRADE	ADJUST GAS VALVE TO GRADE	ADJUST MANHOLE TO GRADE	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)
			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

PAVEMENT SCHEDULE																	
STA	TO STA	STREET	5024008	502-10.08	608-60.00	608-60.07	608-60.98	608-99.05	608-50.06	609-10.10	609-10.53	COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (3 IN. THICK OR LESS)	703-20.20	7101000	4039910	4071005	3040504
			CONCRETE BASE WIDENING (8 IN. NON-REINF)	CONCRETE PAVEMENT (8" NON- REINFORCED), HIGH EARLY CONCRETE	CONCRETE SIDEWALK, 4 IN.	CONCRETE SIDEWALK, CURB RAMP (7" THICK)	TRUNCATED DOMES FOR CURB RAMPS (NEW CONSTRUCTION)	DECORATIVE CROSSWALK	PAVED APPROACH (6" THICK)	CONCRETE CURB (6 IN. HEIGHT AND UNDER) TYPE S	CURB AND GUTTER, VERTICAL TYPE B		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	SF	SY	SY	LF	LF		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		169	29	95
10+60	16+20	SAPPINGTON			12	16	16				136	1461	5		160	27	66
16+20	21+80	SAPPINGTON		41	13	32	76				102	1555	49		175	30	73
21+80	27+40	SAPPINGTON		61	10	48	70	15	8		165	1502	14	119	171	29	112
27+40	32+80	SAPPINGTON			13	39	73		16		205	1611	6		176	30	126
32+80	38+00	SAPPINGTON	14		14	50	69				172	1507	6		165	28	112
38+00	43+60	SAPPINGTON		20	27	96	137	15	15	7	208	1679	4	39	186	32	196
43+60	49+00	SAPPINGTON		43	28	80	117		31	69	134	1470	9		166	28	176
49+00	54+40	SAPPINGTON			20	28	56				75	1491	22		163	28	69
54+40	60+00	SAPPINGTON			20	67	125				188	1732	5		189	32	138
60+00	65+60	SAPPINGTON			3	47	83				237	1662			182	31	116
65+60	70+60	SAPPINGTON			24	27	71		14	17	76	1359	15		149	25	86
70+60	71+78.86	SAPPINGTON			2	7	8		19	18		425	5		46	8	28
TOTAL			14	185	213	598	991	30	103	111	2179	20191	189	158	2229	379	1519

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	31	3	
10+60	16+20	SAPPINGTON	54	6	
16+20	21+80	SAPPINGTON	32	4	
21+80	27+40	SAPPINGTON	38	4	7
27+40	32+80	SAPPINGTON	62	7	
32+80	38+00	SAPPINGTON	76	8	
38+00	43+60	SAPPINGTON	123	14	
43+60	49+00	SAPPINGTON	89	10	
49+00	54+40	SAPPINGTON	35	4	
54+40	60+00	SAPPINGTON	80	9	7
60+00	65+60	SAPPINGTON	67	7	
65+60	70+60	SAPPINGTON	25	3	
70+60	71+78.86	SAPPINGTON	10	1	2
TOTAL			789	88	16

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
					15"	4"				
			EACH	EACH	LF	LF	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	14					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	14	6	1	2	1	14

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



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.

REVISIONS		DESCRIPTION	
REV	DATE	BY	DESCRIPTION



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

CITY OF GLENDALE, MO
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
5/18/2026

SHEET
6 OF 102

SIGN									SIGN									ITEM		TOTAL		EFFECTIVE: 07-01-2025	
SIGN	SIZE	AREA	QTY	TOTAL	QTY	TOTAL	SIGN	DESCRIPTION	SIGN	SIZE	AREA	QTY	TOTAL	RELOC	RELOC	SIGN	DESCRIPTION	NUMBER	QTY	DESCRIPTION			
IN.	SQ.FT.	EACH	SQ.FT.	EACH	SQ.FT.	NO.			IN.	SQ.FT.	EACH	SQ.FT.	EACH	SQ.FT.	NO.								
WARNING SIGNS									GUIDE SIGNS														
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT)	E05-1	36X48	12.00						GORE EXIT	6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)			
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT)	E05-2	48X36	12.00						EXIT OPEN	6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)			
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT)	E05-2a	48X36	12.00						EXIT CLOSED	6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)			
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT)	GO20-1	60X24	10.00						ROAD WORK NEXT XX MILES	6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)			
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)	GO20-2	48X24	8.00						END ROAD WORK	6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)			
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)	GO20-4	36X18	4.50						PILOT CAR FOLLOW ME	6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)			
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT)	GO20-4a	42X30	8.75						PILOT CAR IN USE WAIT & FOLLOW	6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)			
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT)	GO20-4a	18X12	1.50						PILOT CAR IN USE WAIT & FOLLOW	6122020		REPLACEMENT SAND BARREL			
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)	GO20-5aP	36X24	6.00	2	12.00				WORK ZONE (PLAQUE)	6122030		IMPACT ATTENUATOR (RELOCATION)			
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-8	24X12	2.00						WORK ZONE CRASH CUSHION (NARROW)	6122040		WORK ZONE CRASH CUSHION (RELOCATION)			
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)	MO4-8a	24X18	3.00	1	3.00				END DETOUR	6122041		TRUCK MOUNTED ATTENUATOR (TMA)			
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-9L	48X36	12.00	3	36.00				DETOUR (LEFT)	6123001		BUOYS (BOATS KEEP OUT)			
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)	MO4-9R	48X36	12.00	3	36.00				DETOUR (RIGHT)	6161012		BUOYS (NO WAKE)			
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)	MO4-9P	48X12	4.00						STREET NAME (PLAQUE)	6161013		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)			
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)	MO4-10L	48X18	6.00						DETOUR ARROW (LEFT)	6161014		CHANNELIZER (DRUM-LIKE)			
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)	MO4-10R	48X18	6.00						DETOUR ARROW (RIGHT)	6161020		CHANNELIZER (CONE)			
WO1-8	18X24	3.00						CHEVRON (SYMBOL)	M5-1L	21X15	2.19						ADVANCE LEFT TURN ARROW (PLAQUE)	6161022		CHANNELIZER (TRIM-LINE)			
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)	M5-1R	21X15	2.19						ADVANCE RIGHT TURN ARROW (PLAQUE)	6161025	179	CHANNELIZER (VERTICAL PANEL)			
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)	M6-1L	21X15	2.19						LEFT DIRECTIONAL ARROW (PLAQUE)	6161026	35	TYPE 3 MOVEABLE BARRICADE			
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)	M6-1R	21X15	2.19						RIGHT DIRECTIONAL ARROW (PLAQUE)	6161030		DIRECTION INDICATOR BARRICADE			
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)	M6-3	21X15	2.19						STRAIGHT DIRECTIONAL ARROW (PLAQUE)	6161033		FLASHING ARROW PANEL			
WO3-4	48X48	16.00	2	32.00				BE PREPARED TO STOP	REGULATORY SIGNS									6161040		TYPE 3 OBJECT MARKER			
WO3-5	48X48	16.00						SPEED LIMIT AHEAD	R1-1	48X48	13.25	1	13.25				STOP	6161047		SEQUENTIAL FLASHING WARNING LIGHT			
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)	R1-2	48TRI.	6.93						YIELD	6161055		TUBULAR MARKER			
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)	R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)	6161070		RADAR SPEED ADVISORY SYSTEM			
WO4-1aL	48X48	16.00						MERGE (LEFT)	R1-3P	30X12	2.50						ALL WAY (PLAQUE)	6161095		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED			
WO4-1aR	48X48	16.00						MERGE (RIGHT)	R2-1	36X48	12.00	2	24.00				SPEED LIMIT XX	6161096		CHANGEABLE MESSAGE SIGN WITHOUT COMM.			
WO5-1	48X48	16.00						ROAD/BRIDGE/RAMP NARROWS	R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)	6161098A		INTERFACE, CONTRACTOR FURNISHED/RETAINED			
WO5-3	48X48	16.00						ONE LANE BRIDGE	R3-2	48X48	16.00						NO LEFT TURN (SYMBOL)	6161099		CHANGEABLE MESSAGE SIGN WITH COMM.			
WO5-5	48X48	16.00						NARROW LANES	R3-3	36X36	9.00						NO TURNS	6162000A		INTERFACE, CONTRACTOR FURNISHED/RETAINED			
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)	R3-4	48X48	16.00						NO U-TURN (SYMBOL)	6162002		WORK ZONE TRAFFIC SIGNAL SYSTEM			
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)	R3-7L	30X30	6.25						LEFT LANE MUST TURN LEFT	6173600D		TEMPORARY LONG-TERM RUMBLE STRIPS			
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)	R3-7R	30X30	6.25						RIGHT LANE MUST TURN RIGHT	6173700B		TEMPORARY TRAFFIC BARRIER, CONTRACTOR FURNISHED/RETAINED			
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)	R4-1	36X48	12.00						DO NOT PASS	6173706		TEMP. TRAFFIC BARRIER ANCHORED, CONTRACTOR FURNISHED/RETAINED			
WO8-1	48X48	16.00						BUMP	R4-2	36X48	12.00						PASS WITH CARE	6174000A		TEMP. TRAFFIC BARRIER STIFFNESS TRANSITION			
WO8-2	48X48	16.00						DIP	R4-7a	36X48	12.00						KEEP RIGHT (HORIZONTAL ARROW)	6175010A		CONTRACTOR FURNISHED/RETAINED			
WO8-3	48X48	16.00						PAVEMENT ENDS	R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)	6175011B		CONTRACTOR FURNISHED/RETAINED			
WO8-4	48X48	16.00						SOFT SHOULDER	R5-1	30X30	6.25						DO NOT ENTER	6175013		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION			
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)	R5-1a	36X24	6.00						WRONG WAY	6175020A		CONTRACTOR FURNISHED/RETAINED			
WO8-6	48X48	16.00						TRUCK CROSSING	R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)	6205301B		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION, CONTRACTOR FURNISHED/RETAINED			
WO8-6c	48X48	16.00						TRUCK ENTRANCE	R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)	6205303B		RELOCATING TEMPORARY TRAFFIC BARRIER			
WO8-7	36X36	9.00						LOOSE GRAVEL	R6-2L	24X30	5.00						ONE WAY (LEFT)	6205309		RELOCATING TEMP. TRAFFIC BARRIER ANCHORED			
WO8-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL	R6-2R	24X30	5.00						ONE WAY (RIGHT)	6205320		RELOCATING TEMP. TRAFFIC BARRIER STIFFNESS			
WO8-9	48X48	16.00						LOW SHOULDER	R9-9	24X12	2.00						SIDEWALK CLOSED	6208064A		RELOCATING TEMP. TRAFFIC BARRIER HEIGHT			
WO8-11	48X48	16.00						UNEVEN LANES	R9-11L	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE	9029400		TEMPORARY REMOVABLE MARKING TAPE 4 IN., WHITE			
WO8-12	48X48	16.00						NO CENTER LINE									(ARROW RIGHT) CROSS HERE	9029401		TEMPORARY REMOVABLE MARKING TAPE 4 IN., YELLOW			
WO8-15	48X48	16.00						GROOVED PAVEMENT	R9-11R	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE	6205309		TEMPORARY REMOVABLE MARKING TAPE 24 IN., WHITE			
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)	R10-6	24X36	6.00						STOP HERE ON RED (45° ARROW)	6205320		TEMPORARY REMOVABLE MARKING TAPE 12 IN., WHITE			
WO8-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)	R11-2	48X30	10.00						ROAD CLOSED	9029400		TEMPORARY RAISED PAVEMENT MARKER			
WO8-17R	48X48	16.00						SHOULDER DROP-OFF (SYMBOL RIGHT)	R11-3a	60X30	12.50						ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY	9029401		TEMPORARY TRAFFIC SIGNALS			
WO8-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)									ROAD CLOSED TO THRU TRAFFIC	-		TEMPORARY TRAFFIC SIGNALS AND LIGHTING			
W10-1	42RND.	9.62						RAILROAD CROSSING	R11-4	60X30	12.50						FINE SIGN	-		TEMPORARY CONSTRUCTION FENCE			
W11-2	36X36	9.00						PEDESTRIAN	CONST-3A	60X48	20.00						SPEDING/PASSING (PLATE)	-		TEMPORARY PEDESTRIAN BUTTON AND WARNING PANEL			
WO12-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)	CONST-3X	56X12	4.67							TEMPORARY TRAFFIC CONTROL PAY TOTALLUMP SUM					
WO12-2	48X48	16.00						LOW CLEARANCE (SYMBOL)	MISCELLANEOUS SIGNS														
WO12-2x	24X18	3.0																					

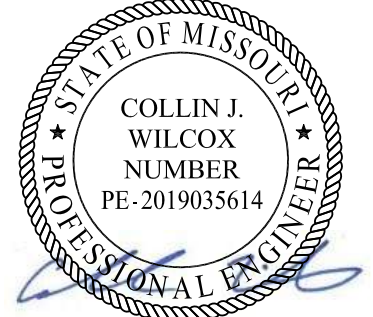
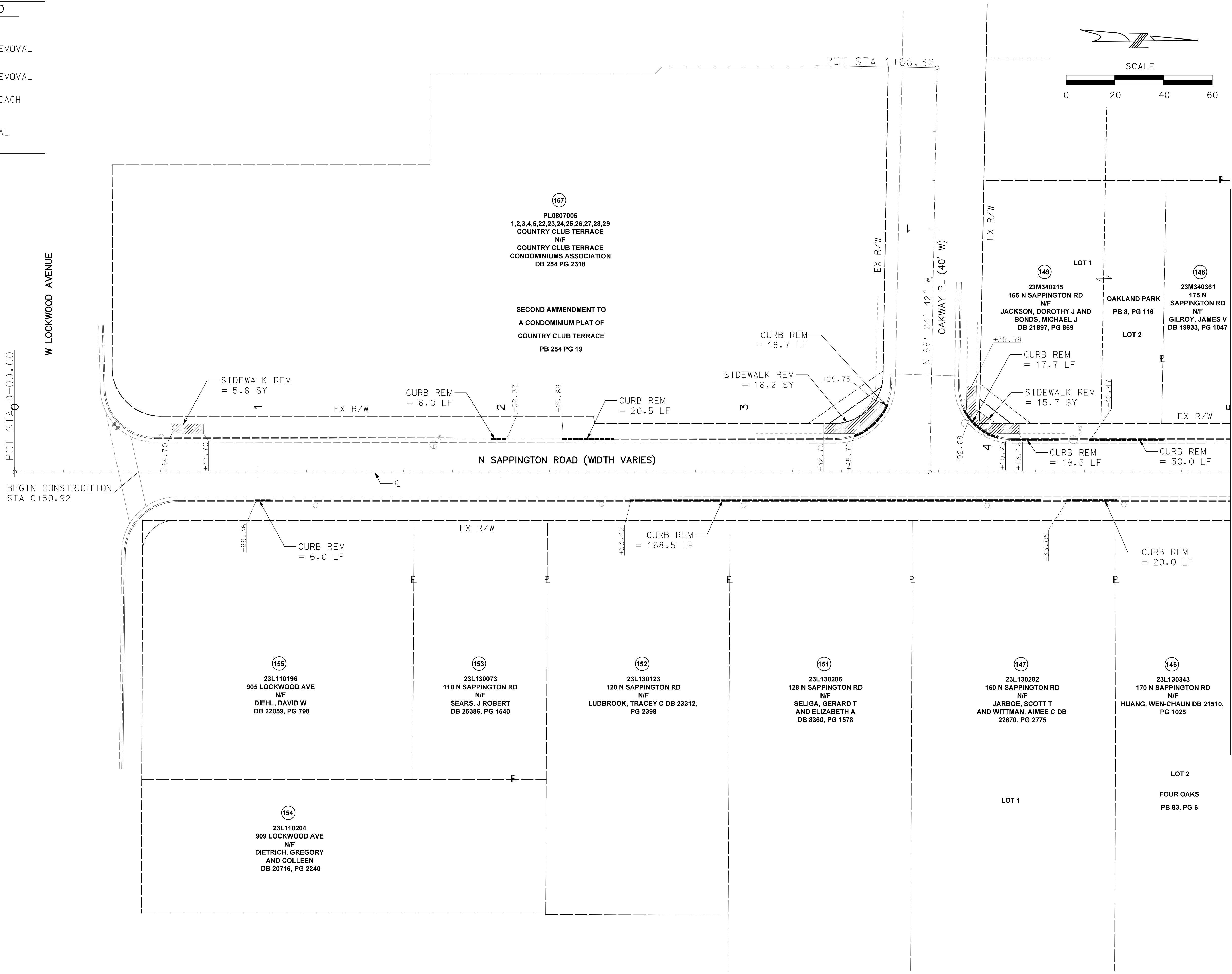
REMOVAL LEGEND

PAVEMENT REMOVAL

SIDEWALK REMOVAL

PAVED APPROACH
REMOVAL

CURB REMOVAL



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.

REVISIONS		DESCRIPTION
REV	DATE	BY

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

CITY OF GLENDALE, MO
NORTH SAPPINGTON
ROAD PRESERVATION
REMOVAL PLANS
SHEET 1 OF 14

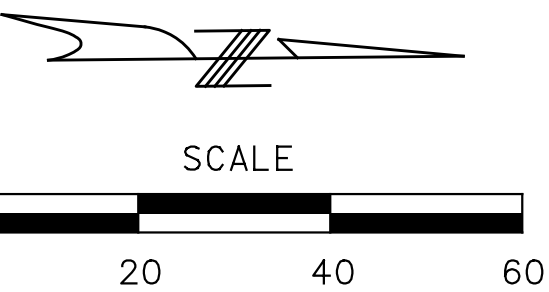
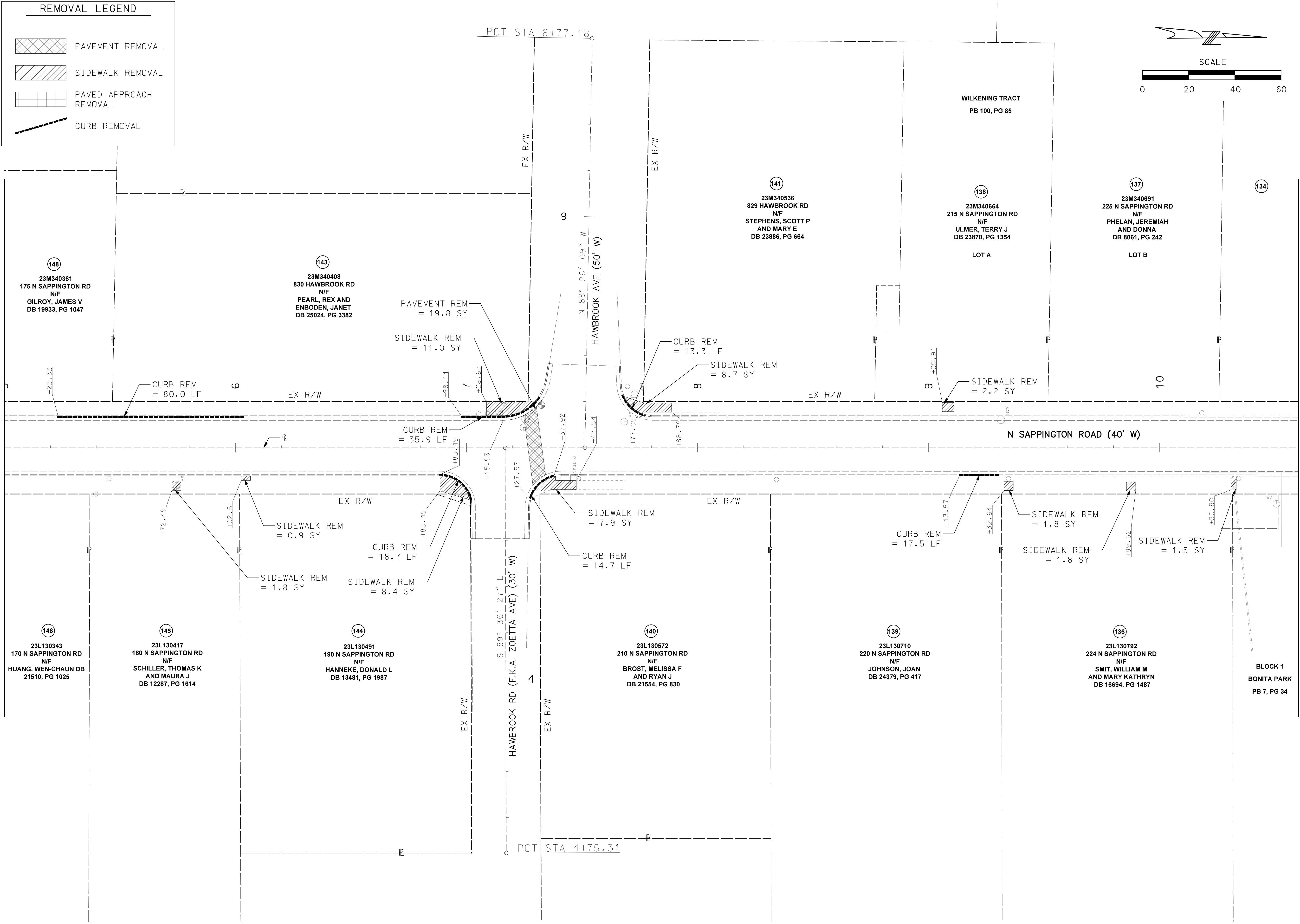
PROJECT/JOB NO. STP-5568(604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 5/18/2026
SHEET 8 OF 102

REMOVAL LEGEND

PAVEMENT REMOVAL

SIDEWALK REMOVAL

MATCHLINE STA 5+00



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.

REVISIONS		DESCRIPTION	
REV	DATE	BY	

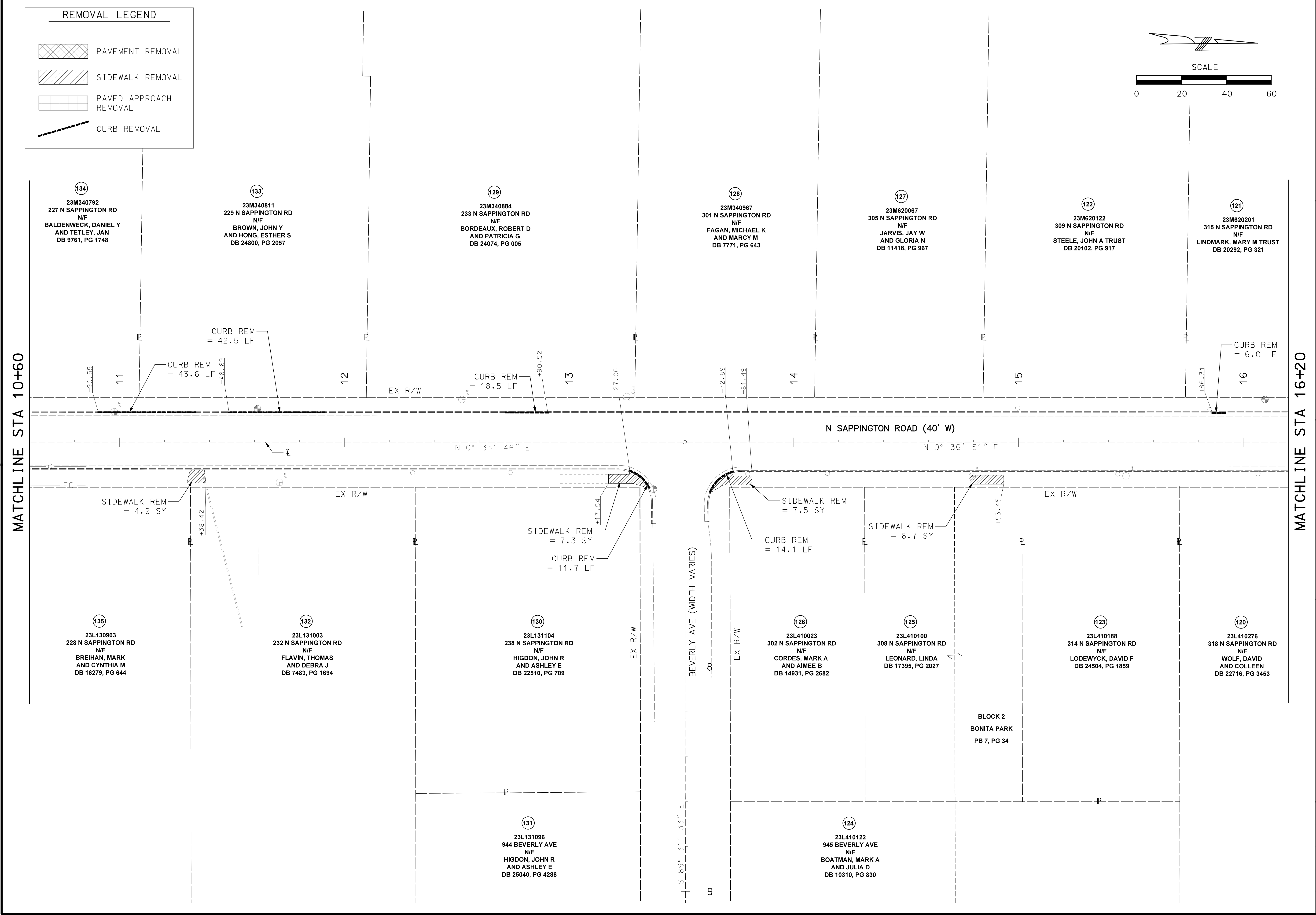


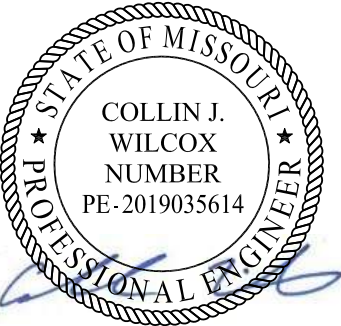
399 S SPRING AVENUE, SUITE 208 B
SAINT LOUIS, MISSOURI 63110
P (314) 621-3395 F (314) 621-3288
WWW.LOCHMULLERGROUP.COM
MISSOURI STATE ENGINEERING CORPORATION
CERTIFICATE/LICENSE NO. 2002011852

CITY OF GLENDALE, MO
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 5/18/2026
SHEET 9 OF 102





COLLIN J. WILCOX
NUMBER
PE-2019035614
PROFESSIONAL ENGINEER

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.

REVISIONS		DESCRIPTION	
REV	DATE	BY	



LOCHMULLER 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

CITY OF GLENDALE, MO
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
5/18/2026

SHEET
10 OF 102

MATCHLINE STA 16+20

MATCHLINE STA 21+80

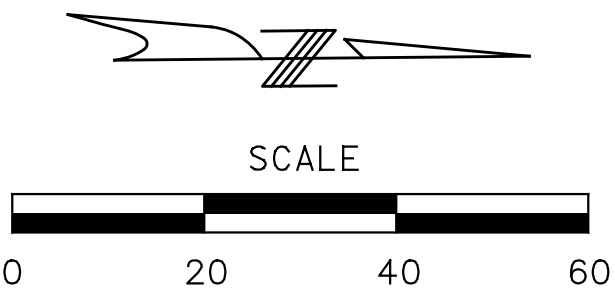
REMOVAL LEGEND

PAVEMENT REMOVAL

SIDEWALK REMOVAL

PAVED APPROACH
REMOVAL

CURB REMOVAL



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

117
23M621714
319 N SAPPINGTON RD
N/F
SNEED, CHADWICK M
AND COLLEEN M
DB 22016, PG 3259

116
23M621503
325 N SAPPINGTON RD
N/F
BOESCH, JANET M
DB 15716, PG 1870

113
23M621732
333 N SAPPINGTON RD
N/F
FALK, JOHN E AND
CATHERINE M
DB 17123, PG 1859

112
23M621640
339 N SAPPINGTON RD
N/F
BIGNALL, RICHARD C
AND JANICE C
DB 18097, PG 571

104
23M621530
835 E ESSEX AVE
N/F
HAWKINS, HENRY R
DB 8521, PG 1586

106
23M621521
405 N SAPPINGTON RD
N/F
RAYMOND, MATTHEW S
AND SIMON, LAUREN E
DB 22316, PG 3943

105
23M620672
409 N SAPPINGTON RD
N/F
FOGARASI, CHRISTINE L
DB 24394, PG 1889

119
23L410331
322 N SAPPINGTON RD
N/F
CHAMBERLIN, STEVEN A
AND CAROLINE P
DB 14419, PG 1324

118
23L410403
360 N SAPPINGTON RD N/F
SPAKOWSKI, MICHAEL A
AND SARAH
DB 20980, PG 813

115
23L410485
370 N SAPPINGTON RD
N/F
LEON, TIMOTHY JR
AND KAYLA
DB 24788, PG 2529

114
23L410573
380 N SAPPINGTON RD
N/F
HARMS, LAURA S
AND ADAM P
DB 4284, PG 351

111
23L410683
920 E ESSEX AVE
N/F
WEBER PROPERTIES
DB 22666, PG 1752

109
23L410861
402 N SAPPINGTON RD
N/F
WEITEKAMP, KATHERINE
AND BRAD
DB 20902, PG 1524

108
23L410926
406 N SAPPINGTON RD
N/F
GRIGGS, SCOTT K
AND KERRIE L
DB 19746, PG 1325

BLOCK 3
DICKSON PLACE
PB 17, PG 66

110
23L410733
934 E ESSEX AVE
N/F
MCGINLEY, KATHERINE V DB
17918, PG 3725

BLOCK 1
DICKSON PLACE
PB 17, PG 66



DISCLAIMER OF
RESPONSIBILITY
I hereby specify that
the documents intended
to be authorized by my
seal are limited to
this sheet, and I
herby 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.

REVISIONS		DESCRIPTION
REV	DATE	BY



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

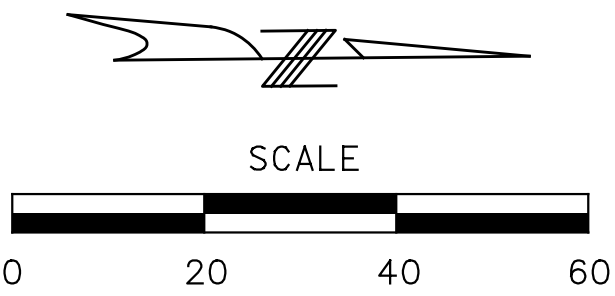
CITY OF GLENDALE, MO
NORTH SAPPINGTON
ROAD PRESERVATION

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 5/18/2026
SHEET 11 OF 102

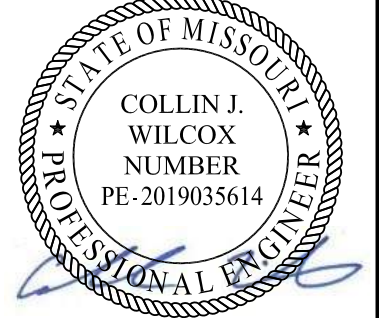
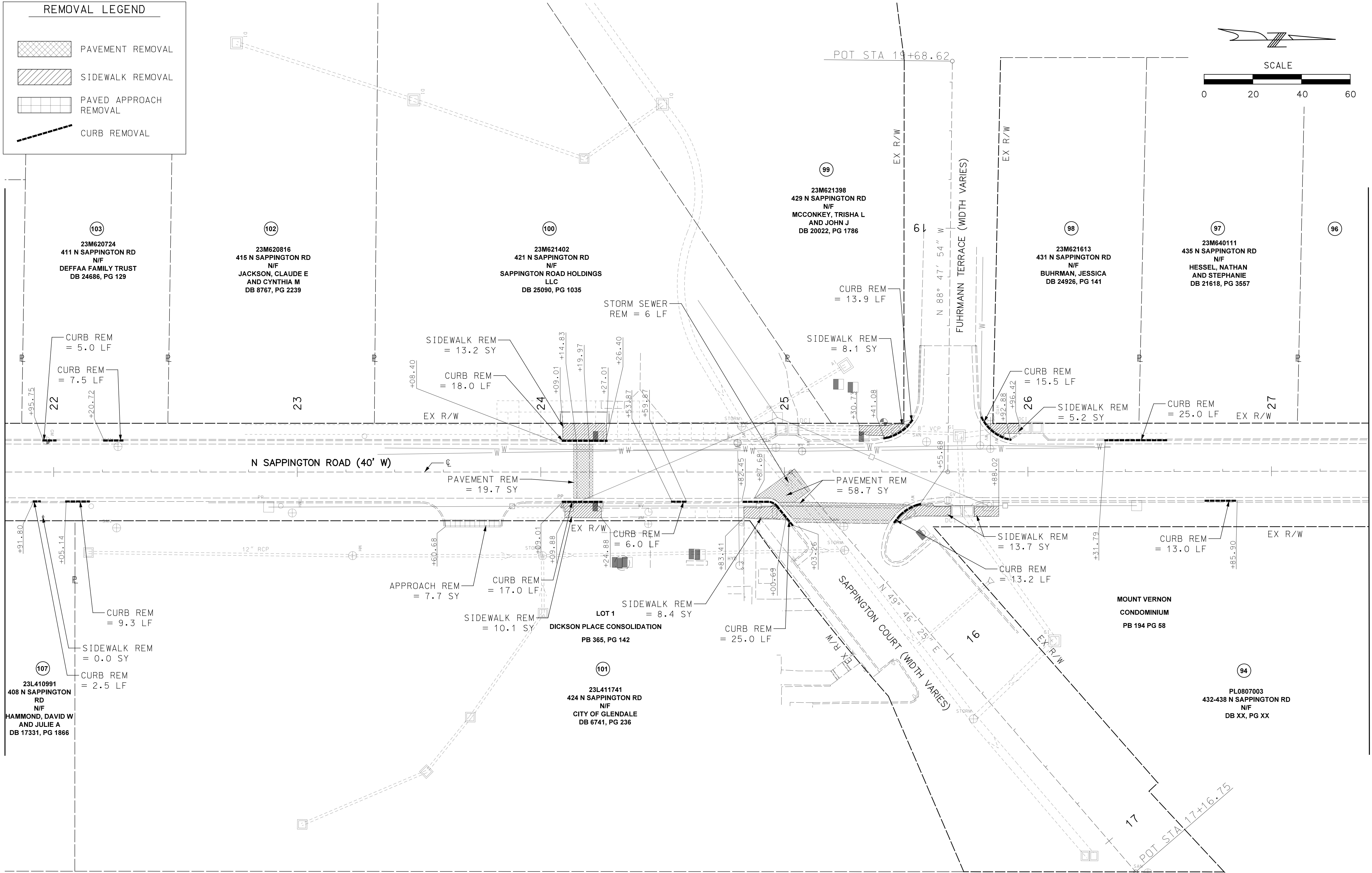
REMOVAL LEGEND

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



MATCHLINE STA 21+80

MATCHLINE STA 27+40



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.

REVISIONS		DESCRIPTION
REV	DATE	BY

LOCHMUELLER GROUP

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

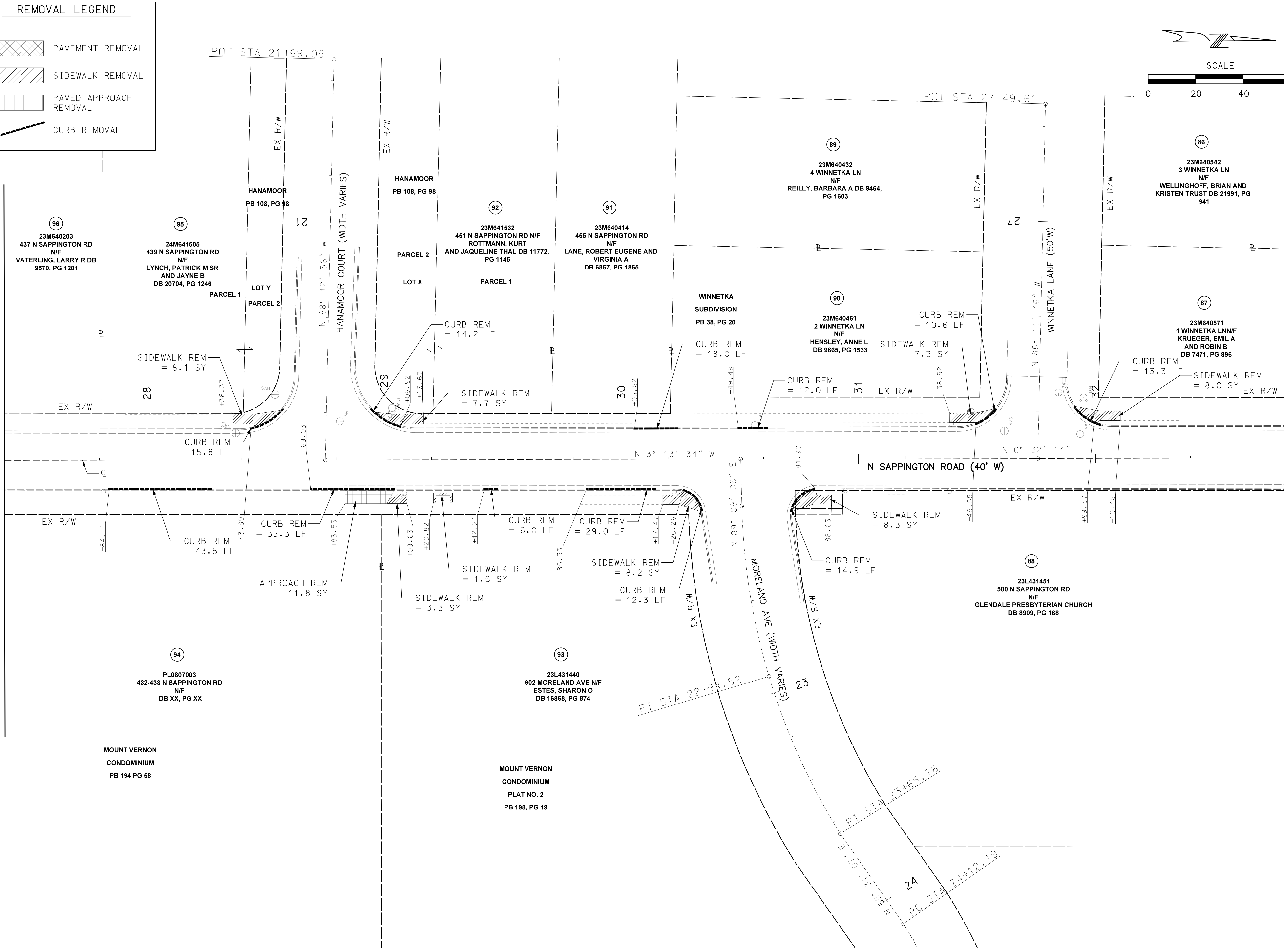
CITY OF GLENDALE, MO
NORTH SAPPINGTON
ROAD PRESERVATION
REMOVAL PLANS
SHEET 5 OF 14

PROJECT/JOB NO.
STP-5568 (604)
MSD PROJECT NO.
25MSD-00108
MSD BASE MAP
22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED
5/18/2026
SHEET
12 OF 102

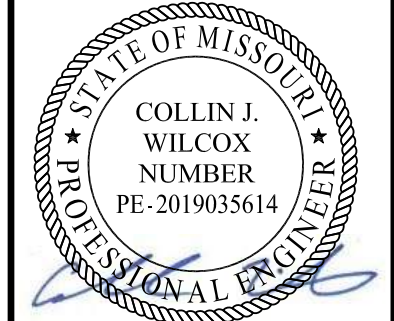
REMOVAL LEGEND

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

MATCHLINE STA 27+40



MATCHLINE STA 32+80



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.

REVISONS		DESCRIPTION	
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

CITY OF GLENDALE, MO
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	5/18/2026
SHEET	13 OF 102

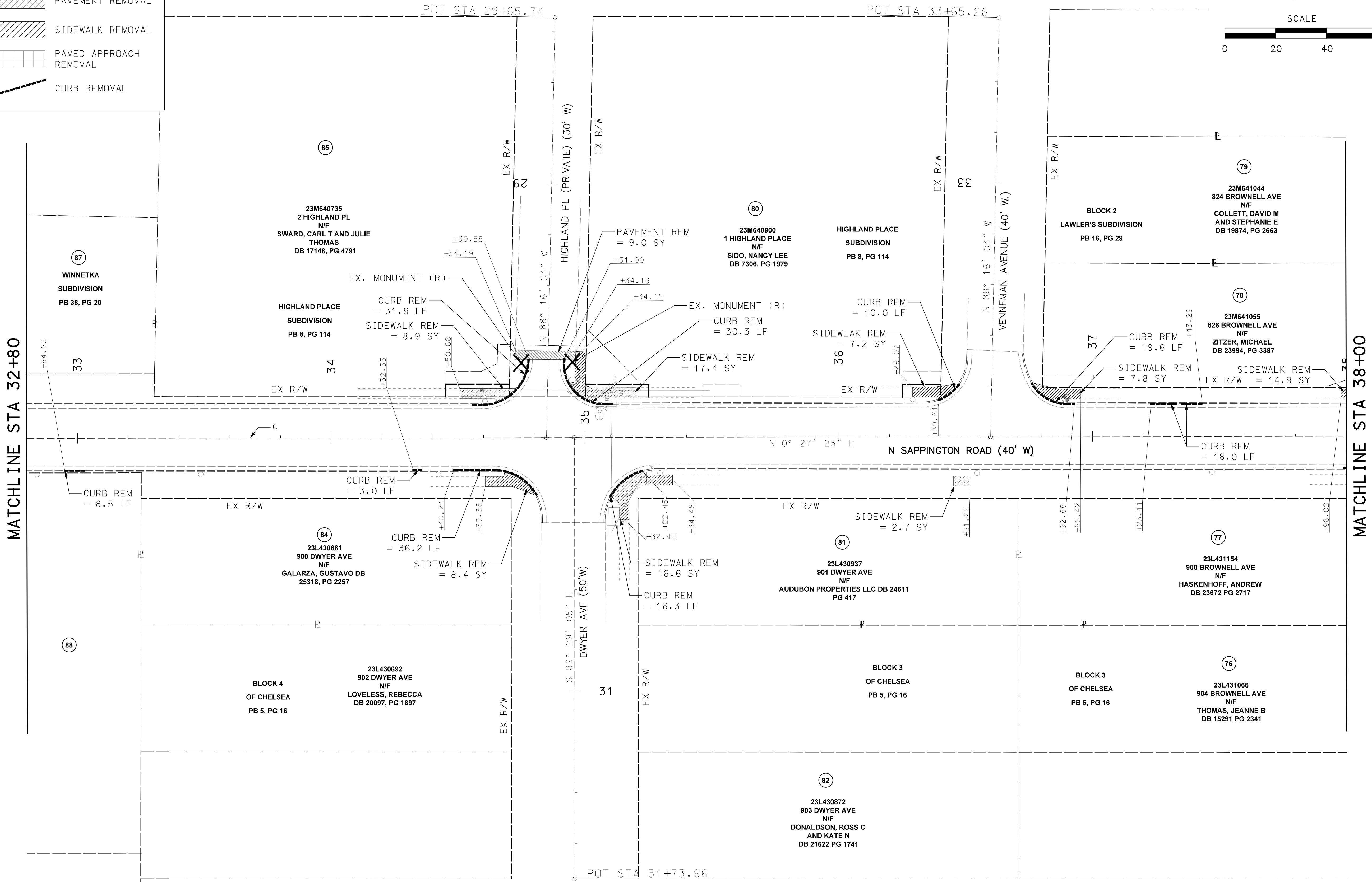
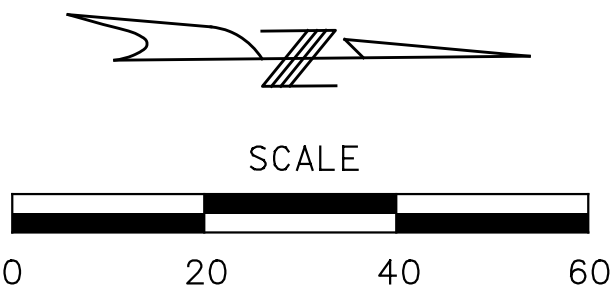
REMOVAL LEGEND

PAVEMENT REMOVAL

SIDEWALK REMOVAL

PAVED APPROACH REMOVAL

CURB REMOVAL



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.

REVISIONS		DESCRIPTION	
REV	DATE	BY	

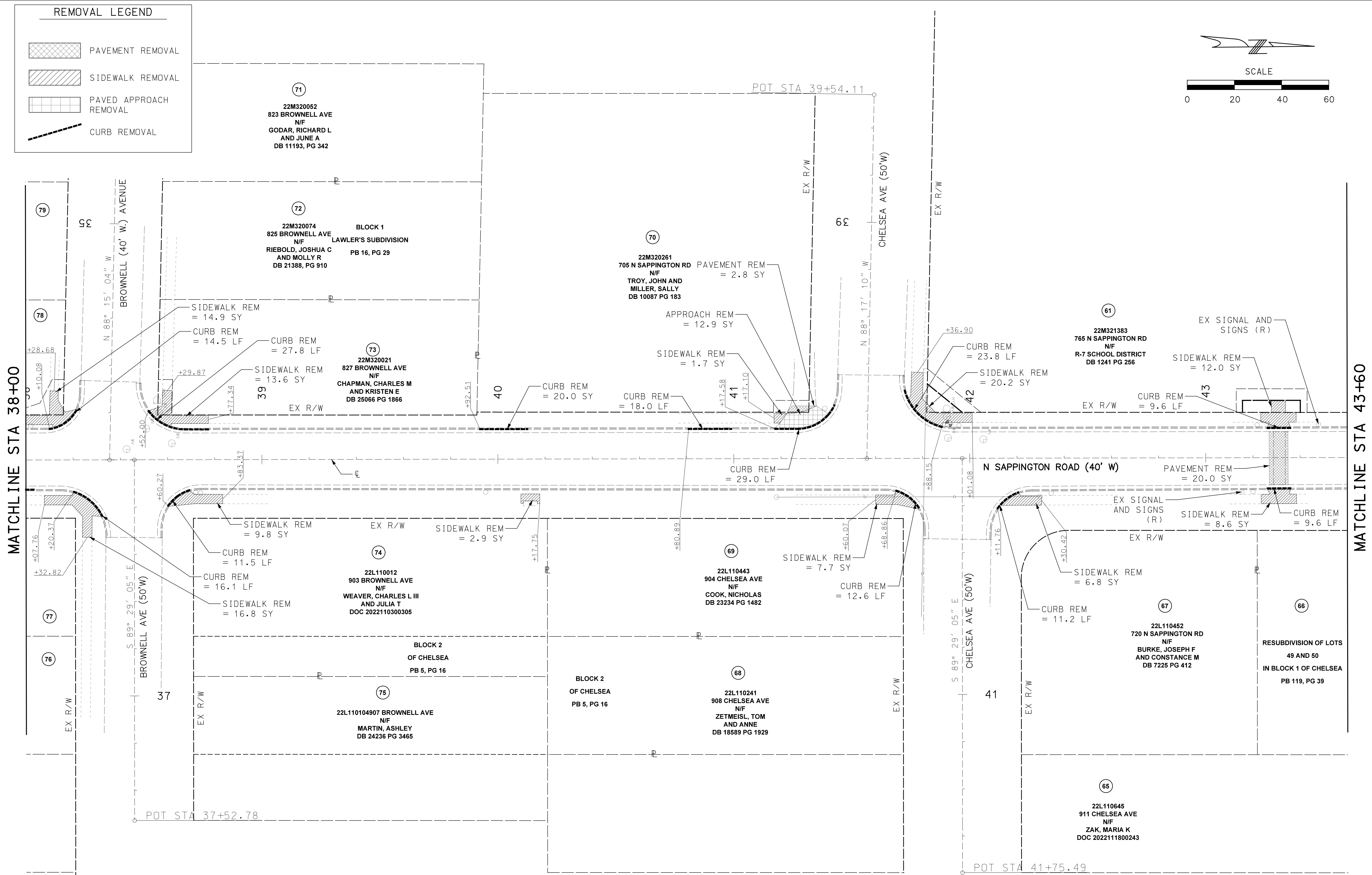


399 S SPRING AVENUE, SUITE 208 B
SAINT LOUIS, MISSOURI 63110
P (314) 621-3395 F (314) 621-3288
WWW.LOCHGROUP.COM
MISSOURI STATE ENGINEERING CORPORATION
CERTIFICATE/LICENSE NO. 2002011852

CITY OF GLENDALE, MO
NORTH SAPPINGTON
ROAD PRESERVATION

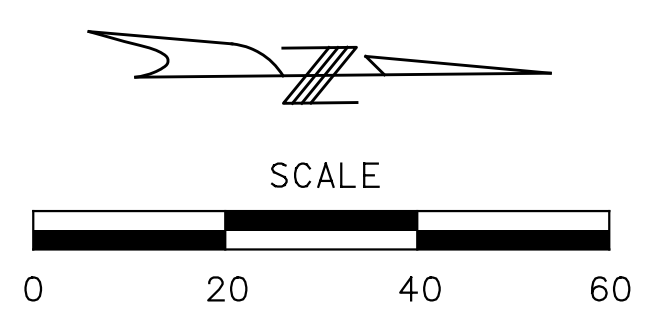
REMOVAL PLANS
SHEET 7 OF 14

PROJECT/JOB NO. STP-5568(604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 5/18/2026
SHEET 14 OF 102



REMOVAL LEGEND

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



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.

REVISIONS		DESCRIPTION	
REV	DATE	BY	

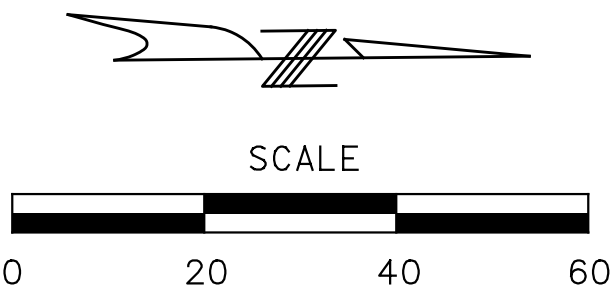
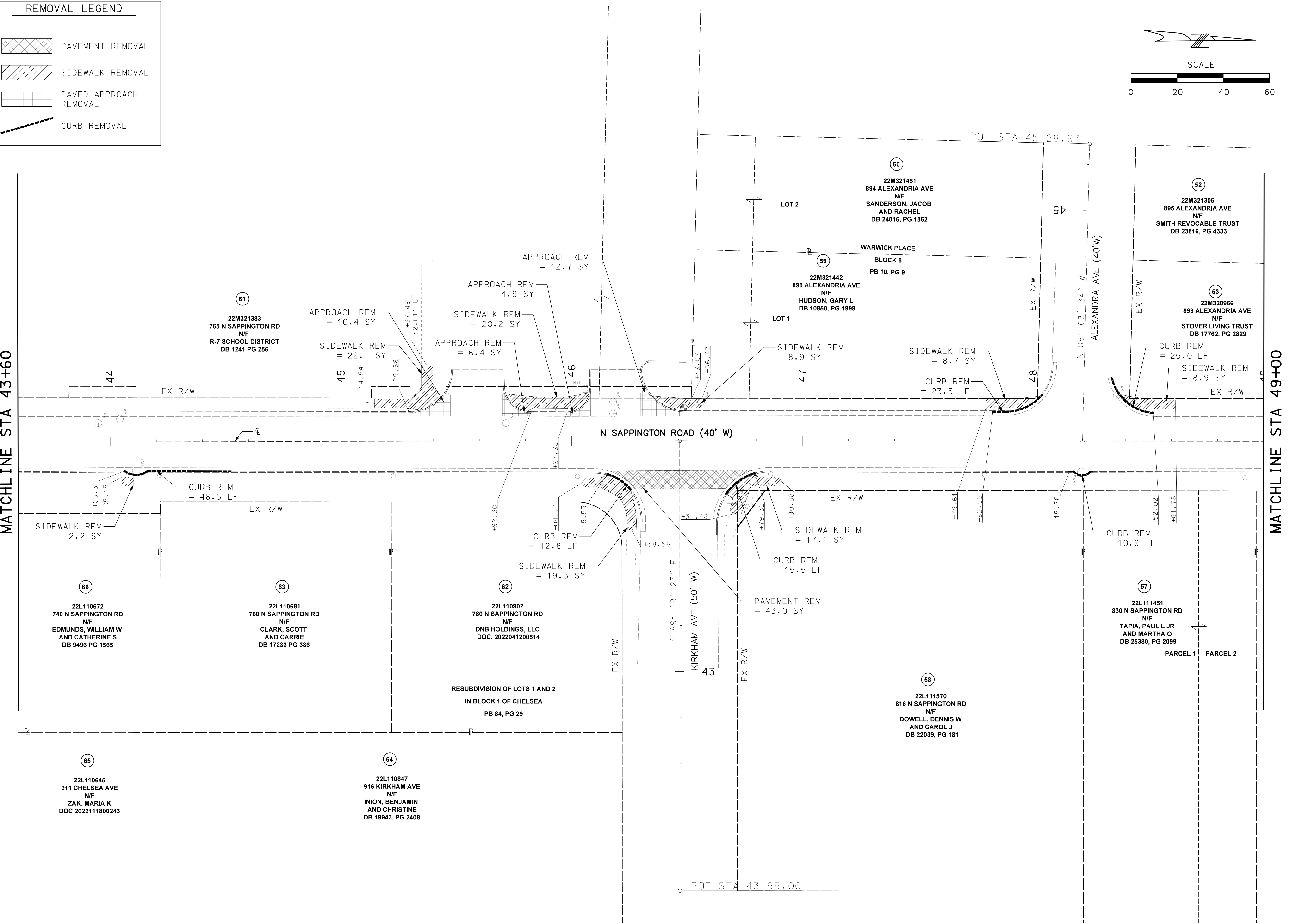
LOCHMUELLER GROUP
399 S SPRING AVENUE, SUITE 208 B
SAINT LOUIS, MISSOURI 63110
P (314) 621-3395 F (314) 621-3288
WWW.LOCHGROUP.COM
MISSOURI STATE ENGINEERING CORPORATION
CERTIFICATE/LICENSE NO. 2002011852

CITY OF GLENDALE, MO
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	5/18/2026
SHEET	15 OF 102

REMOVAL LEGEND

PAVEMENT REMOVAL

SIDEWALK REMOVAL

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.

REVISONS		DESCRIPTION	
REV	DATE	BY	



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

CITY OF GLENDALE, MO
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	5/18/2026
SHEET	16 OF 102

REMOVAL LEGEND

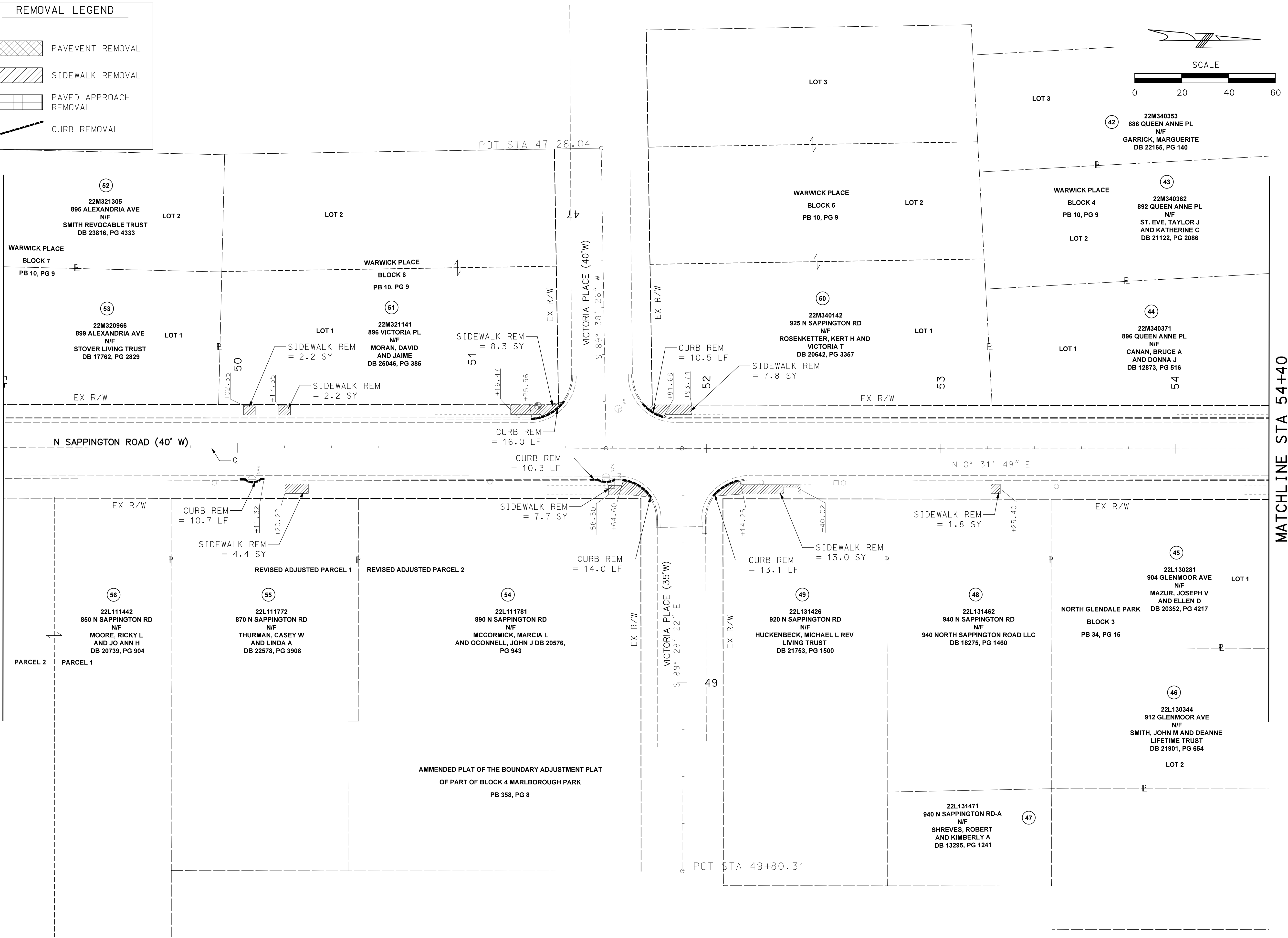
PAVEMENT REMOVAL

SIDEWALK REMOVAL

PAVED APPROACH REMOVAL

CURB REMOVAL

MATCHLINE STA 49+00



MATCHLINE STA 54+00



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

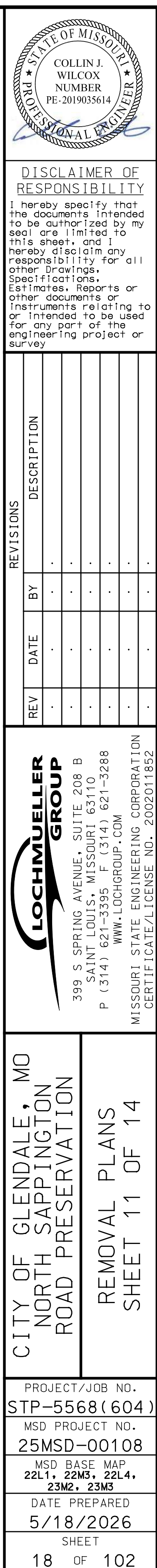
399 S SPRING AVENUE, SUITE 208 B
SAINT LOUIS, MISSOURI 63110
P (314) 621-3395 F (314) 621-3288
WWW.LOCHGROUP.COM

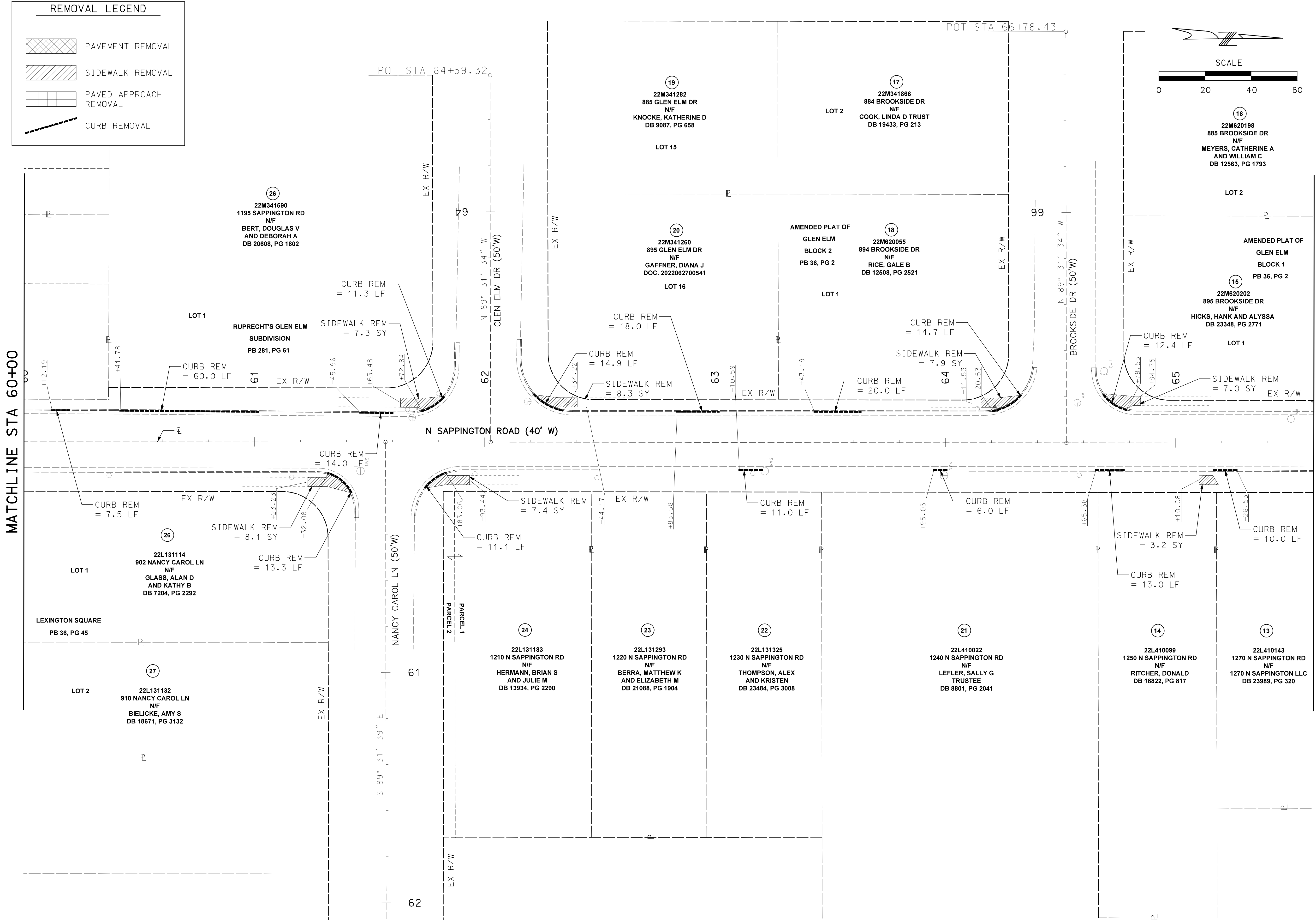
MISSOURI STATE ENGINEERING CORPORATION
CERTIFICATE LICENSE NO. 2002011852

CITY OF GLENDALE, MO
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 5/18/2026
SHEET 17 OF 102



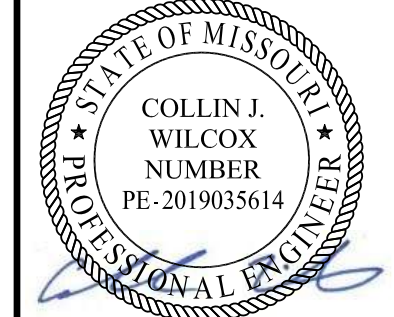
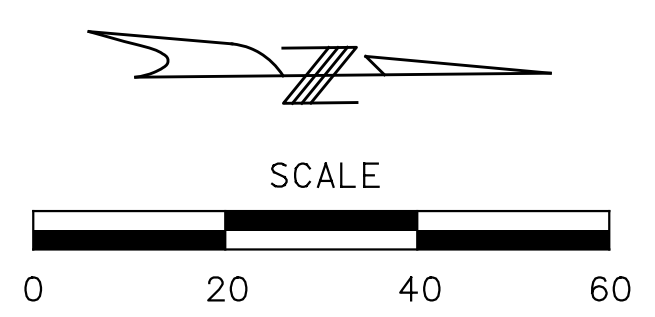


MATCHLINE STA 60+00

MATCHLINE STA 65+60

REMOVAL LEGEND

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



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.

REVISIONS		DESCRIPTION
REV	DATE	BY

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

CITY OF GLENDALE, MO
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 5/18/2026
SHEET 19 OF 102

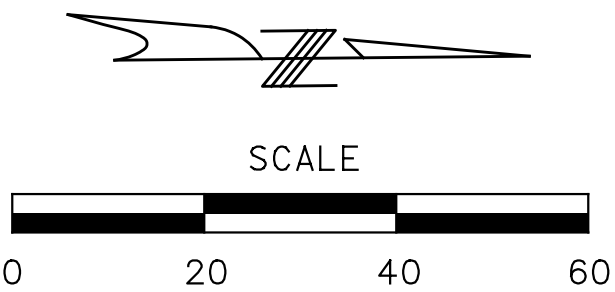
REMOVAL LEGEND

PAVEMENT REMOVAL

SIDEWALK REMOVAL

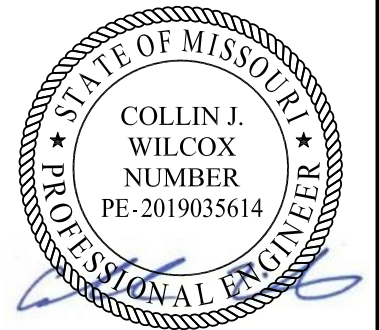
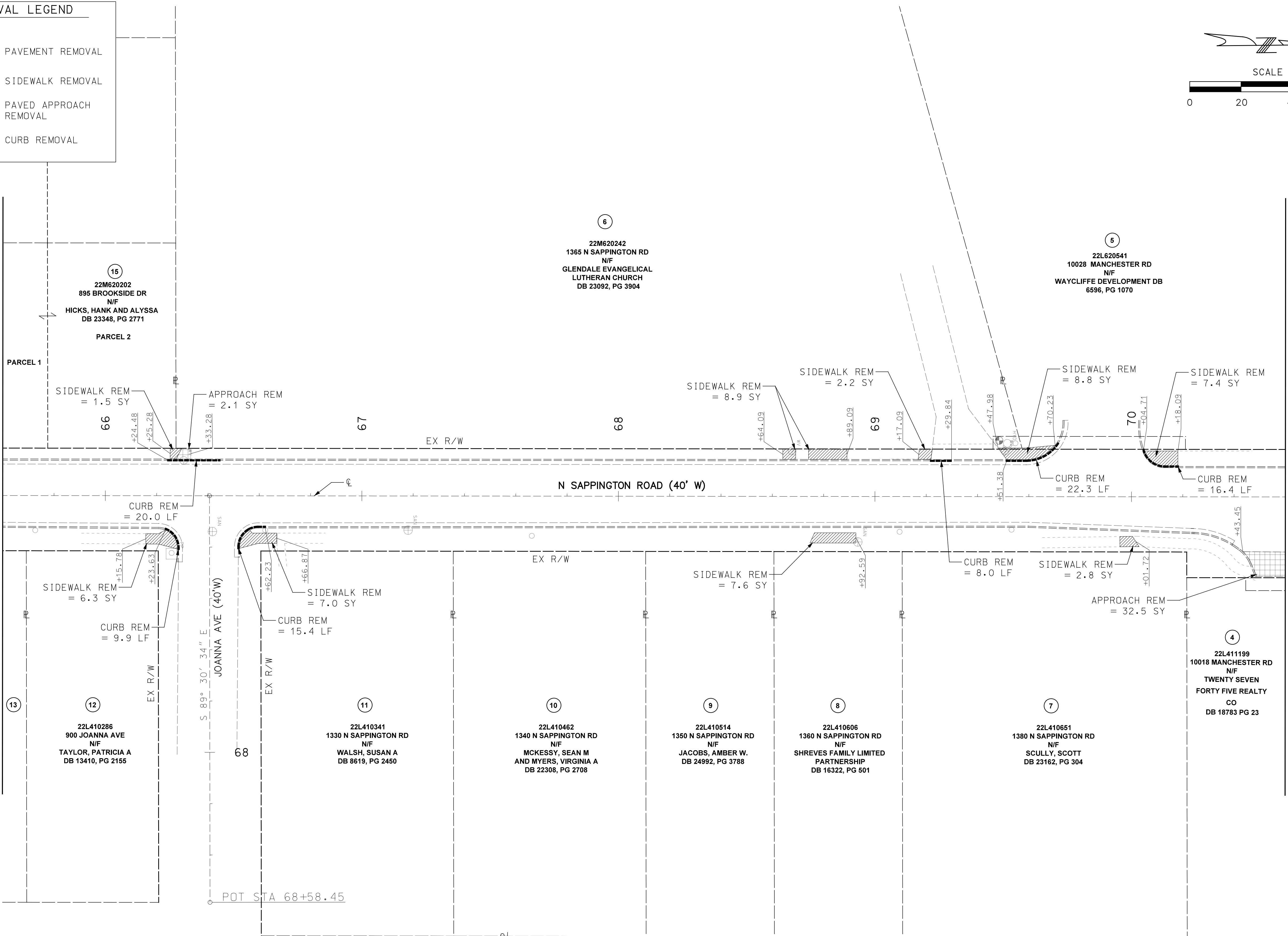
PAVED APPROACH REMOVAL

CURB REMOVAL



MATCHLINE STA 65+60

MATCHLINE STA 70+60



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.

REVISIONS		DESCRIPTION
REV	DATE	BY

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

CITY OF GLENDALE, MO
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 5/18/2026
SHEET 20 OF 102

REMOVAL LEGEND

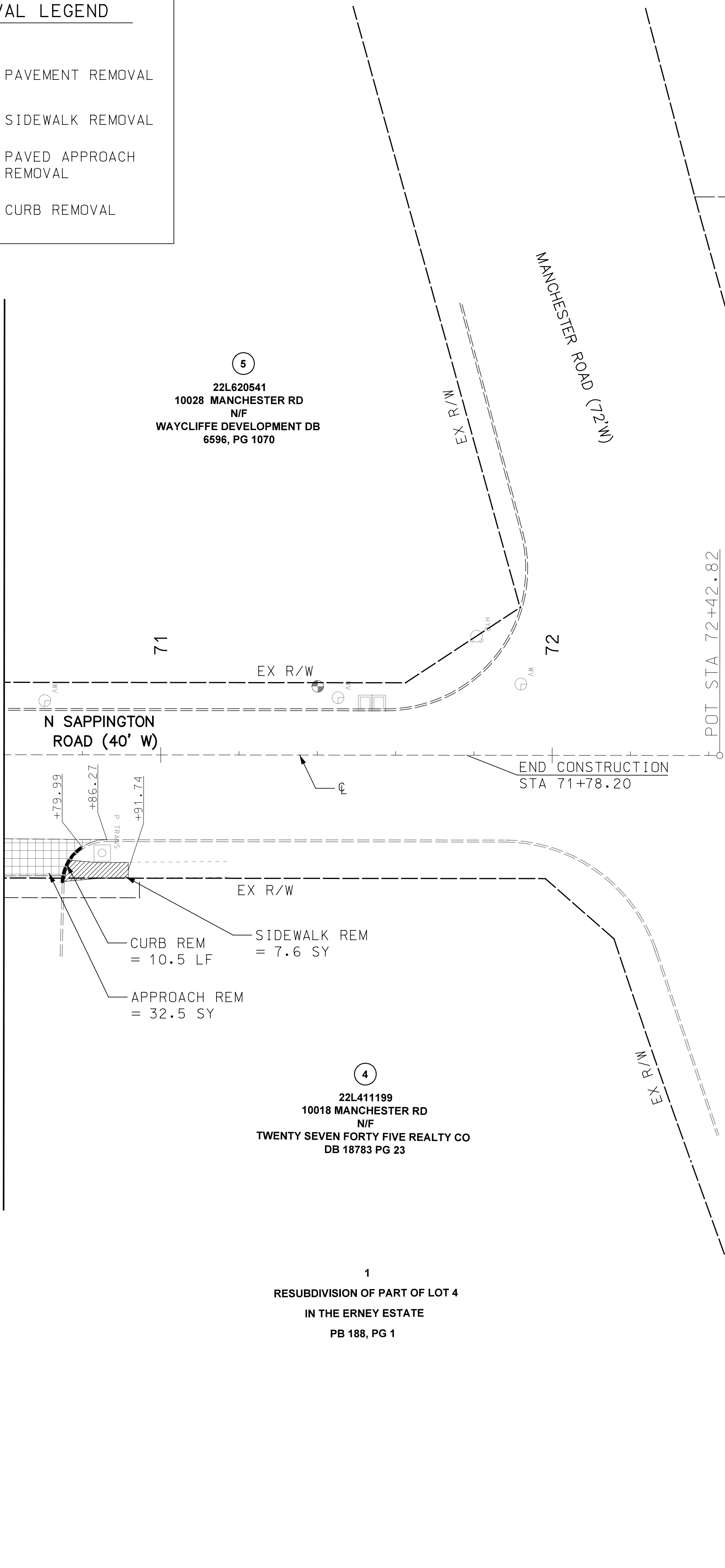
PAVEMENT REMOVAL

SIDEWALK REMOVAL

PAVED APPROACH
REMOVAL

CURB REMOVAL

MATCHLINE STA 70+60



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

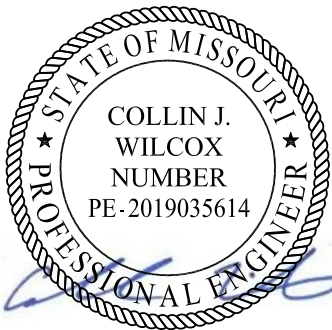
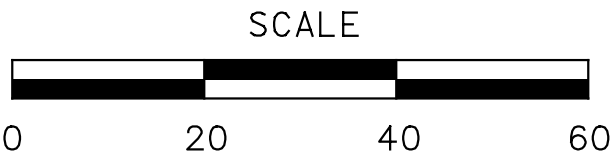
2
22M620505
10035 MANCHESTER RD
N/F
GENERAL GRANT REALTY CO DB 14728,
PG 305

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

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



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.

REVISIONS		DESCRIPTION	
REV	DATE	BY	DESCRIPTION



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

CITY OF GLENDALE, MO
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
5/18/2026

SHEET
21 OF 102



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.

REVISIONS		DESCRIPTION	
REV	DATE	BY	

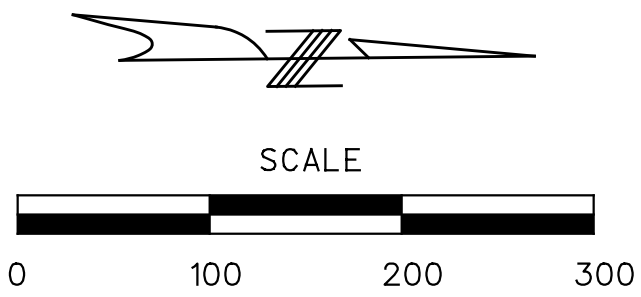
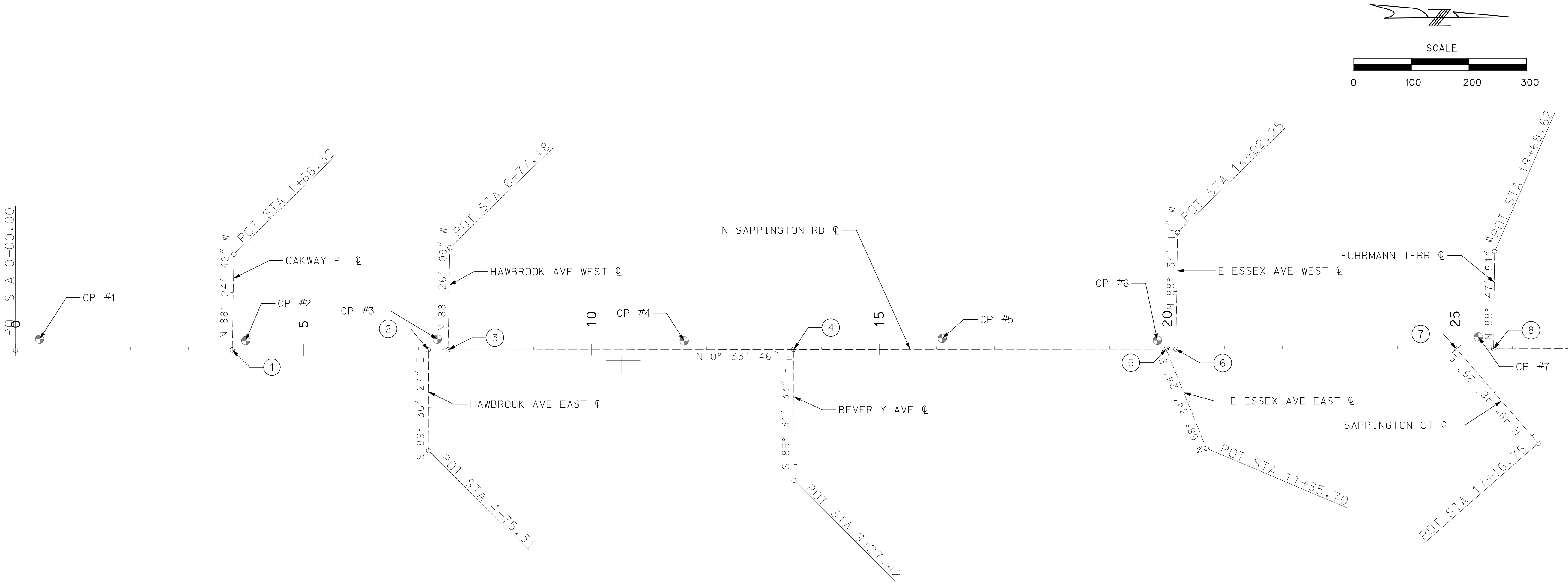


399 S SPRING AVENUE, SUITE 208 B
SAINT LOUIS, MISSOURI 63110
P (314) 621-3395 F (314) 621-3288
WWW.LOCHGROUP.COM
MISSOURI STATE ENGINEERING CORPORATION
CERTIFICATE/LICENSE NO. 2002011852

CITY OF GLENDALE, MO
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 5/18/2026
SHEET 22 OF 102



MATCHLINE STA 25+40

- 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

[illegible]

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

DISCLAIMER OF RESPONSIBILITY

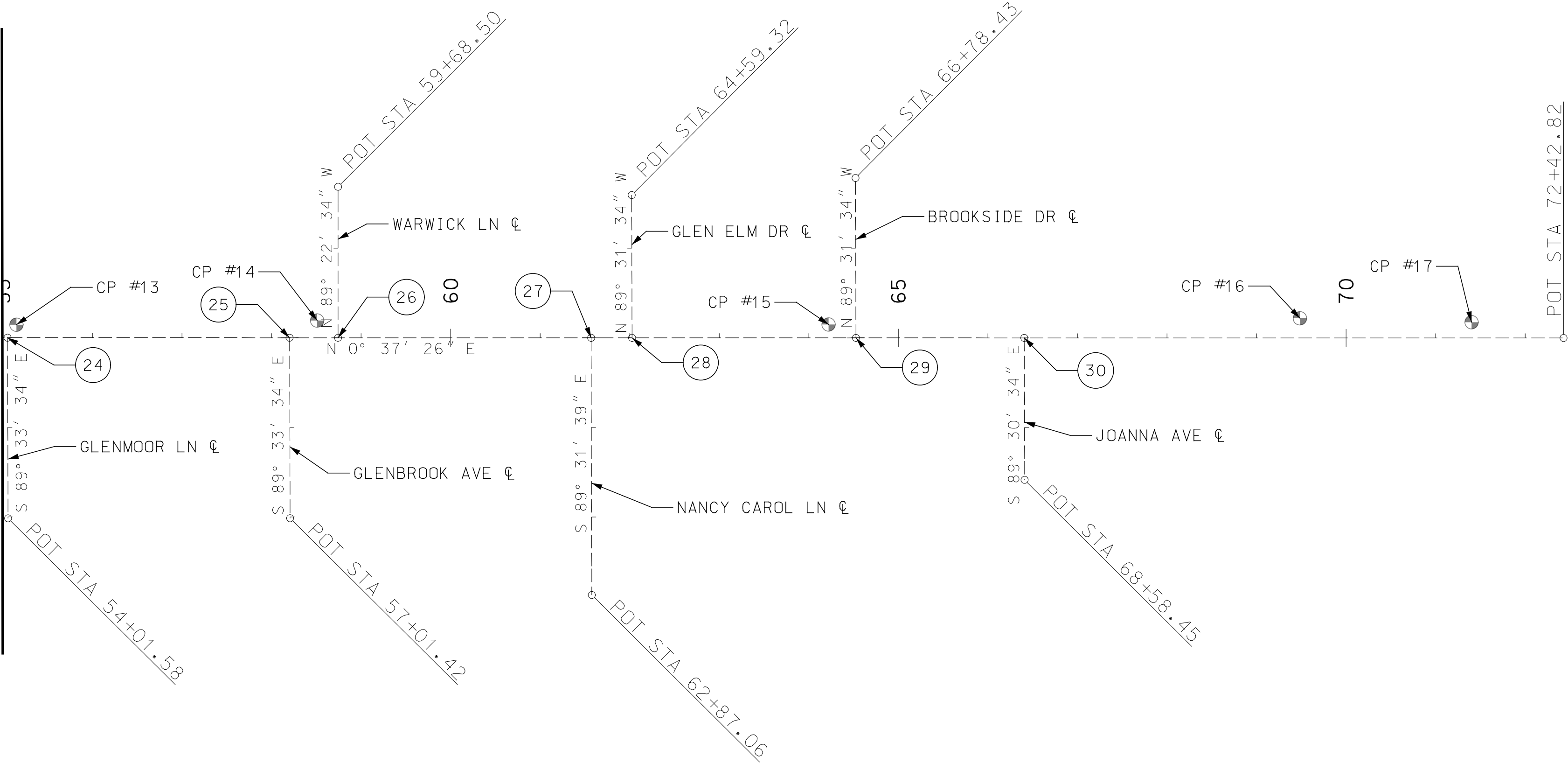
I hereby specify that the documents intended to be authorized by my seal are limited to this sheet, and I hereby disclaim any responsibility for all other Drawings, Specifications, Estimates, Reports or other documents or instruments relating to or intended to be used for any part of the engineering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

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
CREDIT RATING: A- (2009/04/15/2)

PROJECT/JOB NO.
STP-5568(604
MSD PROJECT NO.
25MSD-00108
MSD BASE MAP
22L1, 22M3, 22L4,
23M2, 23M3
DATE PREPARED
5/18/2026
SHEET
23 OF 102

LOCHMUELLER PROJECT NO. 522-0044

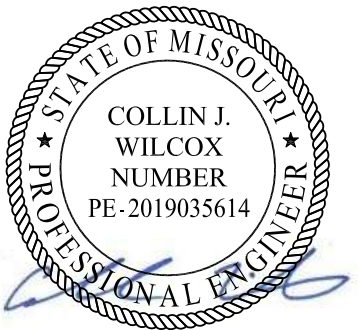
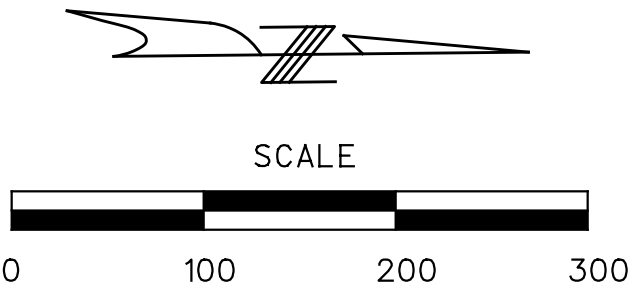
MATCHLINE STA 55+00



- 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



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.

REVISONS		DESCRIPTION	
REV	DATE	BY	



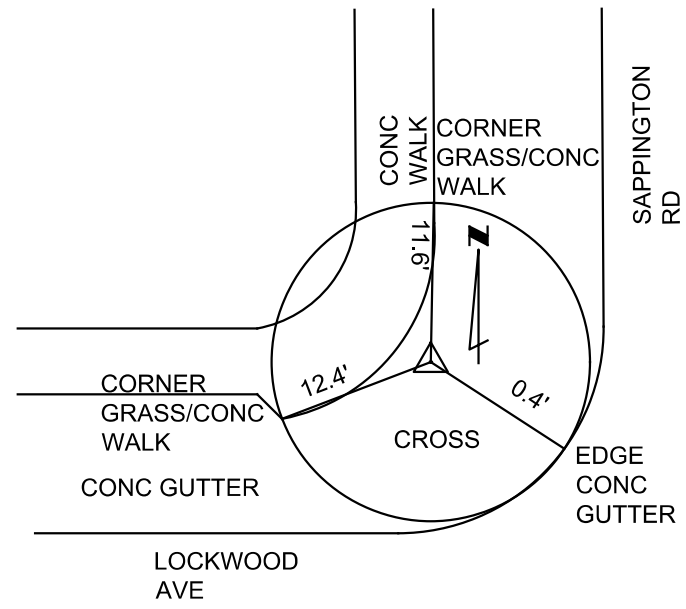
399 S SPRING AVENUE, SUITE 208 B
SAINT LOUIS, MISSOURI 63110
P (314) 621-3395 F (314) 621-3288
WWW.LOCHGROUP.COM
MISSOURI STATE ENGINEERING CORPORATION
CERTIFICATE/LICENSE NO. 2002011852

CITY OF GLENDALE, MO
NORTH SAPPINGTON
ROAD PRESERVATION

ALIGNMENT AND TIES
SHEET 3 OF 4

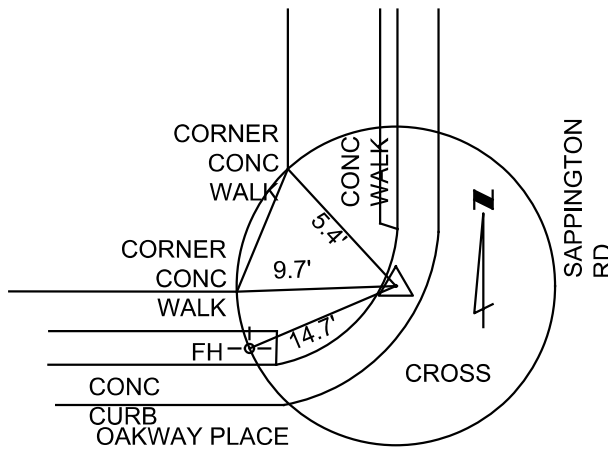
PROJECT/JOB NO. STP-5568(604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 5/18/2026
SHEET 24 OF 102

SAPPINGTON 3 POINT TIES



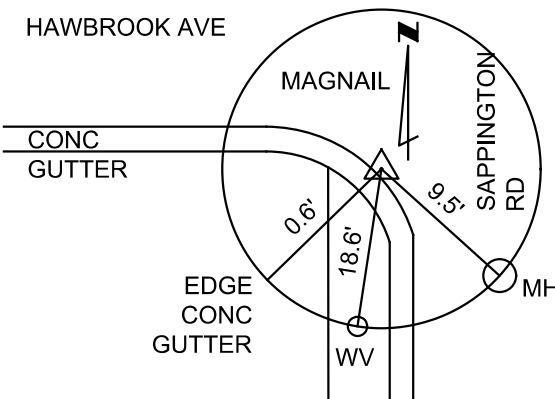
REFERENCE TIE

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.



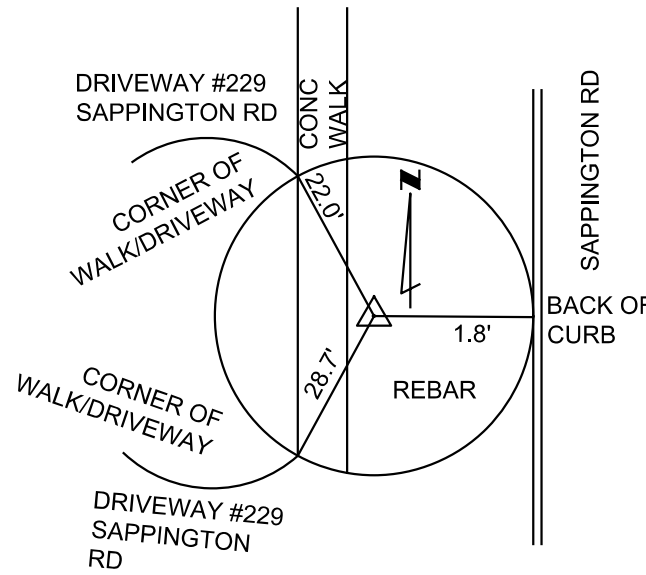
REFERENCE TIE

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.



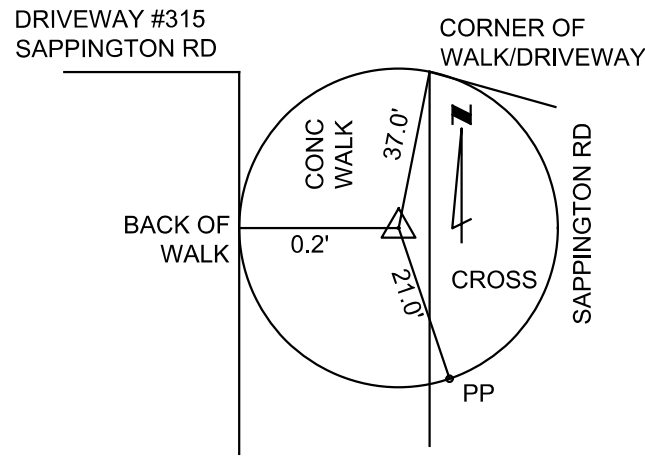
REFERENCE TIE

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.



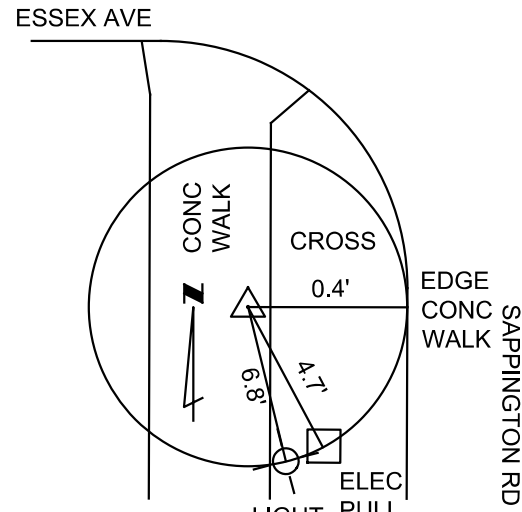
REFERENCE TIE

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.



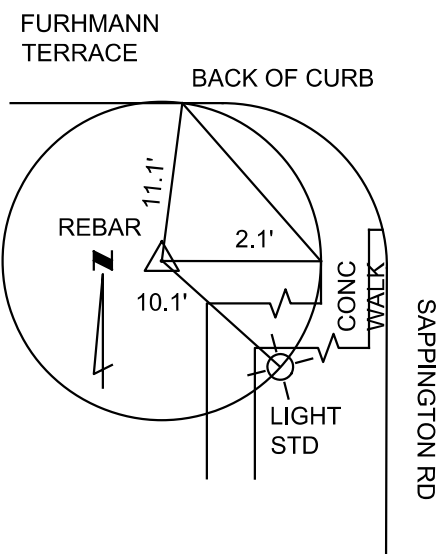
REFERENCE TIE

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.



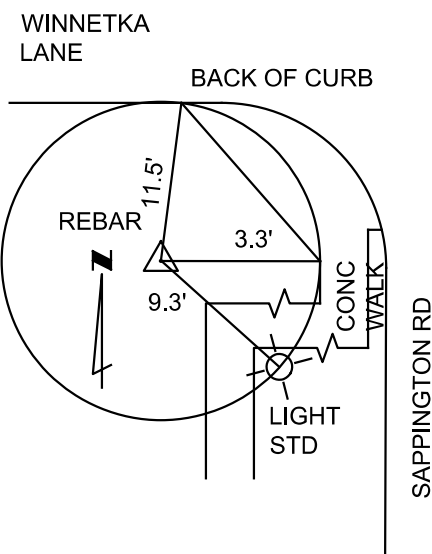
REFERENCE TIE

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.



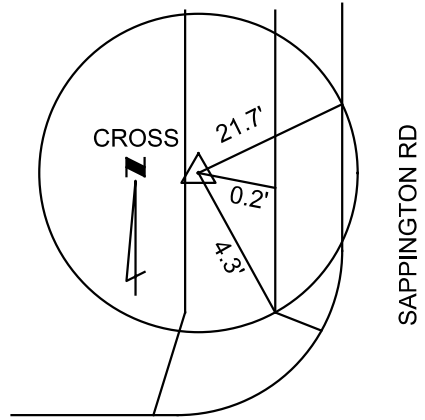
REFERENCE TIE

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



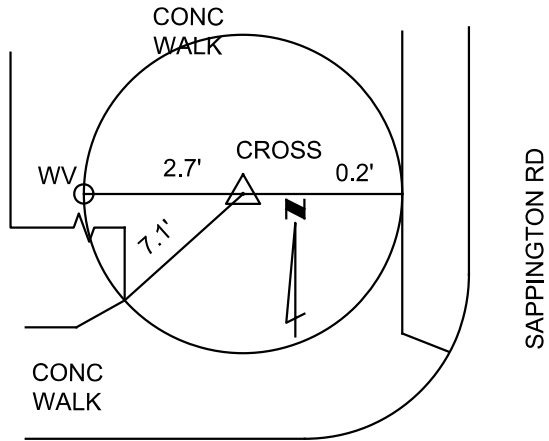
REFERENCE TIE

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



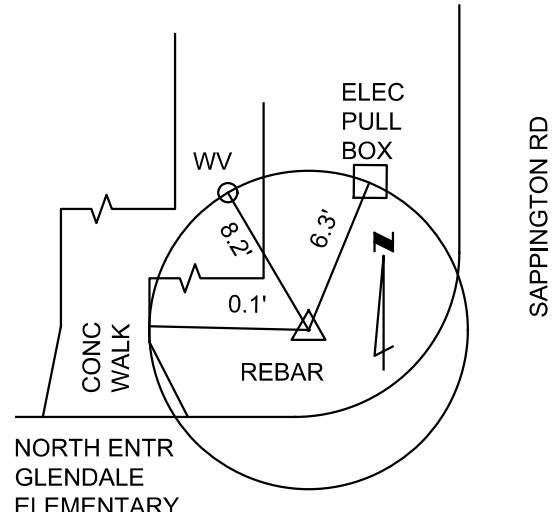
REFERENCE TIE

CONTROL POINT #9
N 1004931.450
E 852716.812
ELEV 627.93
CUT CROSS ON CONC WALK; NW CORNER OF THE
INTERSECTION OF SAPPINGTON RD & VENNEMAN
ALLEY



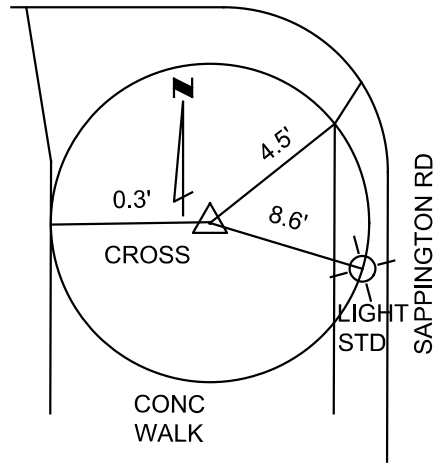
REFERENCE TIE

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



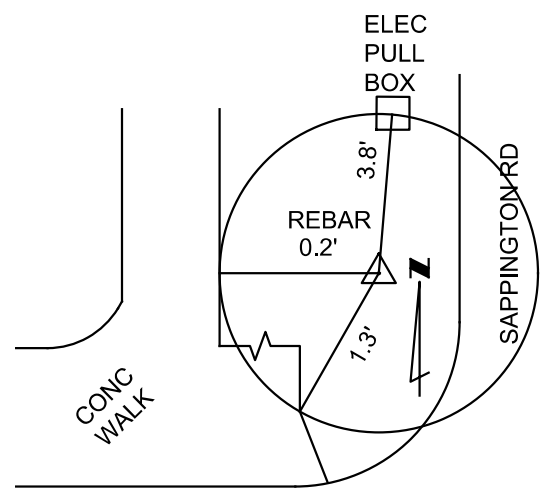
REFERENCE TIE

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



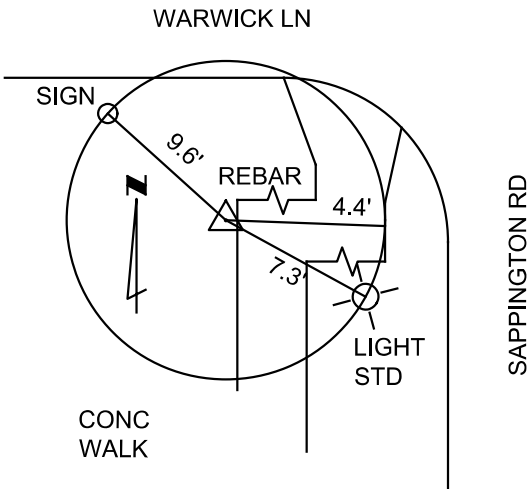
REFERENCE TIE

CONTROL POINT #12
N 1006370.111
E 852726.747
ELEV 605.03
CROSS ON CONC WALK; SW CORNER OF THE
INTERSECTION OF VICTORIA PL & SAPPINGTON RD



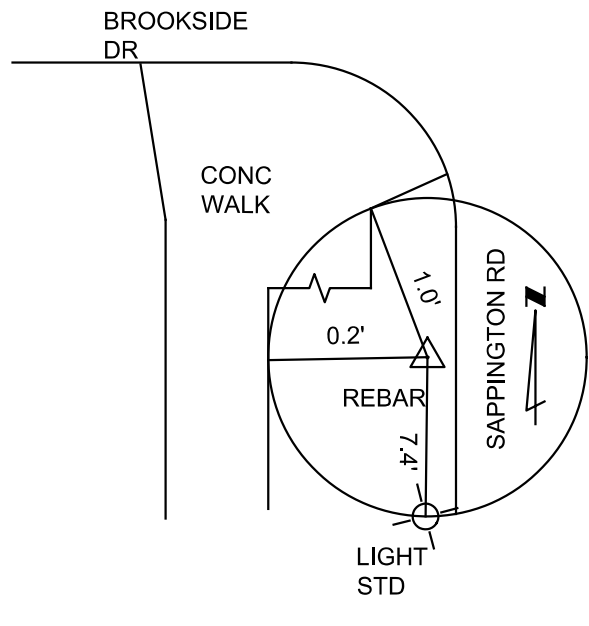
REFERENCE TIE

CONTROL POINT #13
N 1006757.130
E 852734.510
ELEV 594.05
REBAR IN GRASS; NW CORNER OF THE
INTERSECTION OF SAPPINGTON RD & QUEEN
ANNE PL



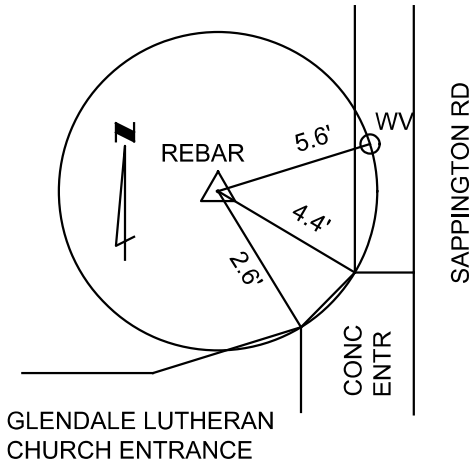
REFERENCE TIE

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



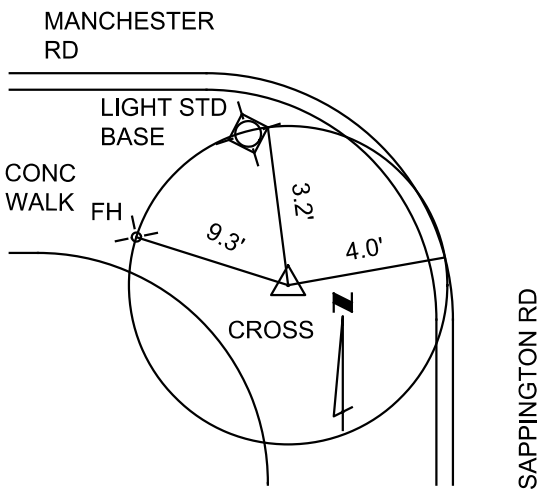
REFERENCE TIE

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.



DISCLAIMER OF RESPONSIBILITY

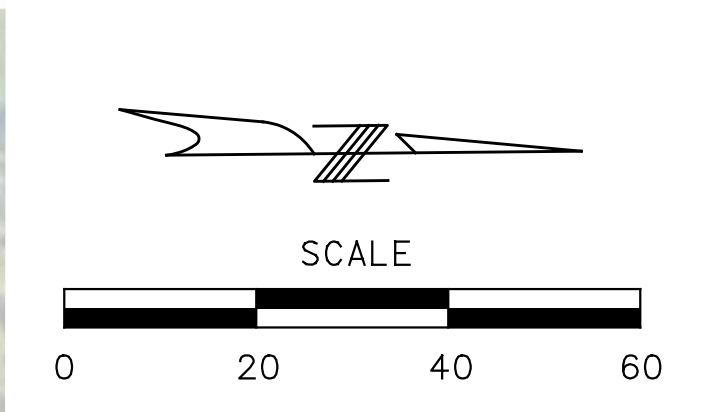
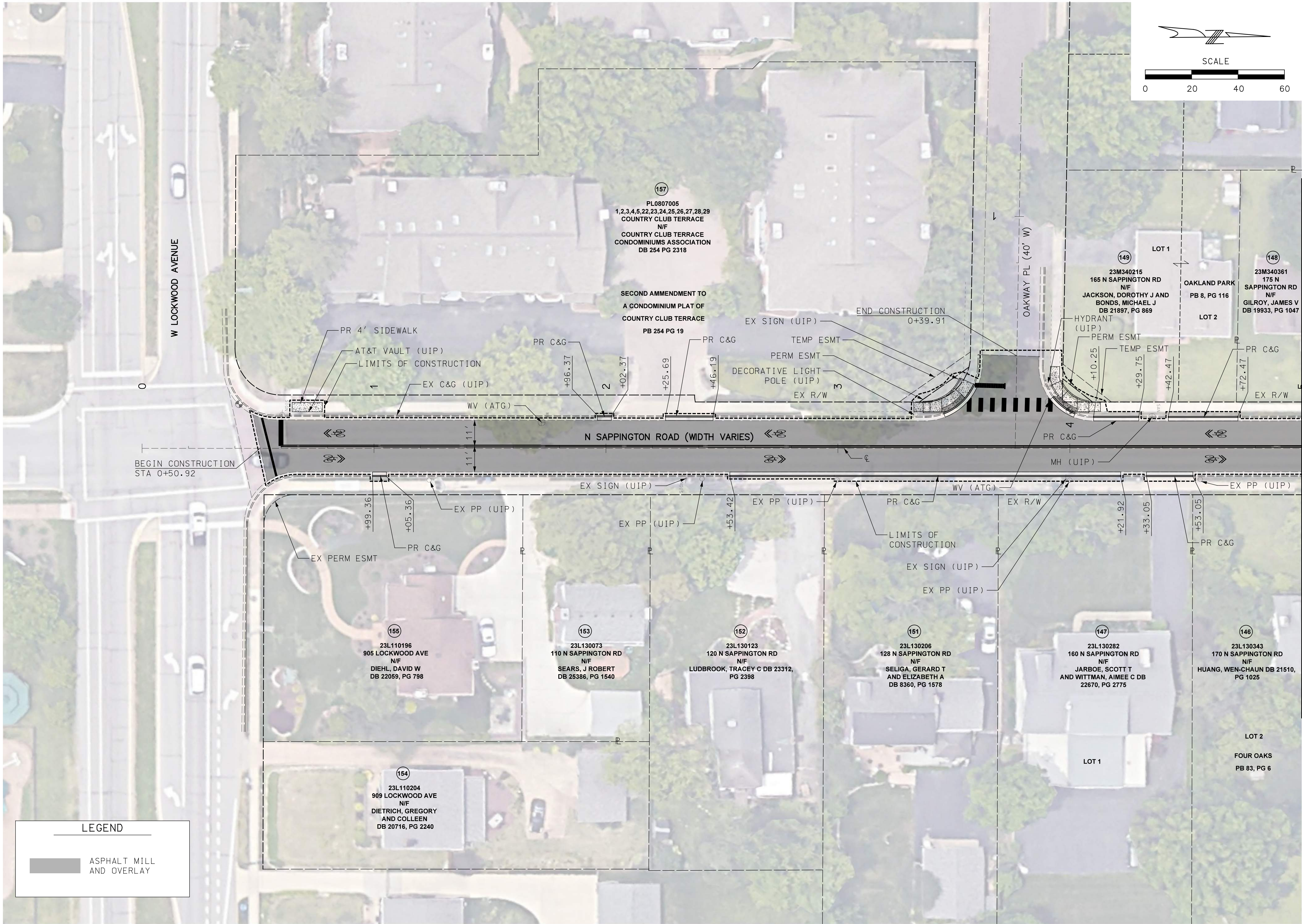
I hereby specify that the documents intended to be authorized by my seal are limited to this sheet, and I hereby disclaim any responsibility for all other drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be used for any part of the engineering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

REV	DATE	BY	DESCRIPTION
.	.	.	.
.	.	.	.
.	.	.	.
.	.	.	.
.	.	.	.

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

CITY OF GLENDALE, MO
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
5/18/2026
SHEET
25 OF **102**



LEGEND

ASPHALT MILL AND OVERLAY



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.

REVISIONS		DESCRIPTION
REV	DATE	BY



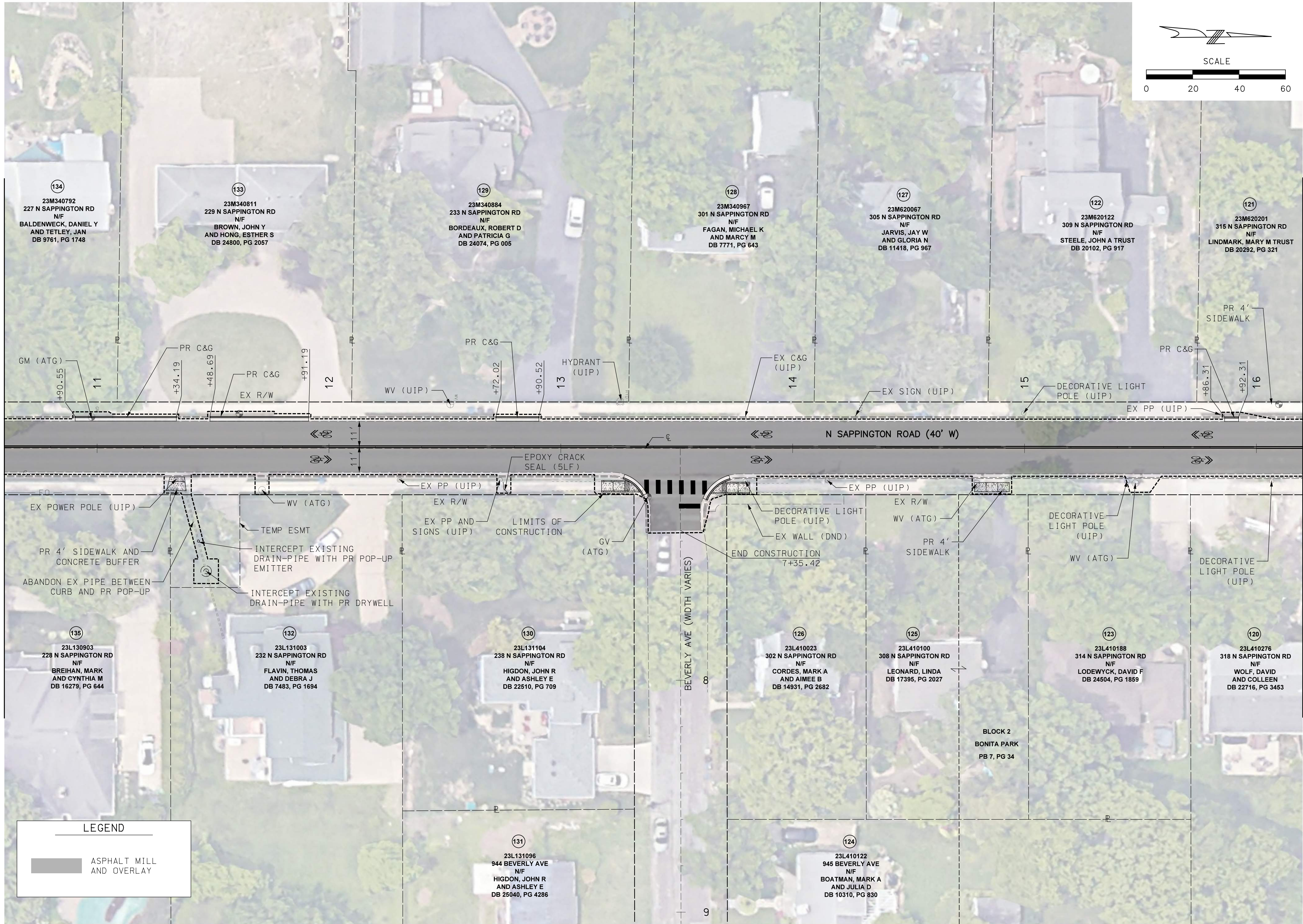
399 S SPRING AVENUE, SUITE 208 B
SAINT LOUIS, MISSOURI 63110
P (314) 621-3395 F (314) 621-3288
WWW.LOCHGROUP.COM
MISSOURI STATE ENGINEERING CORPORATION
CERTIFICATE/LICENSE NO. 2002011852

CITY OF GLENDALE, MO
NORTH SAPPINGTON
ROAD PRESERVATION

PLAN SHEETS
SHEET 1 OF 14

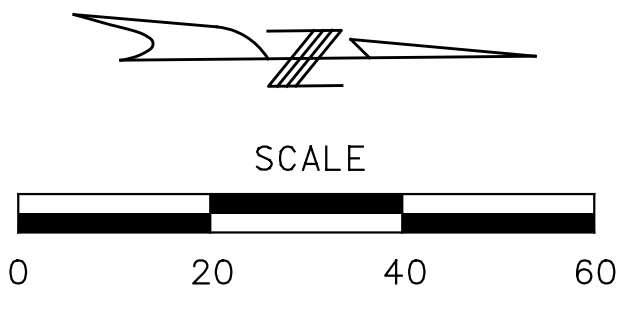
PROJECT/JOB NO. STP-5568 (604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 5/18/2026
SHEET 26 OF 102

MATCHLINE STA 10+60

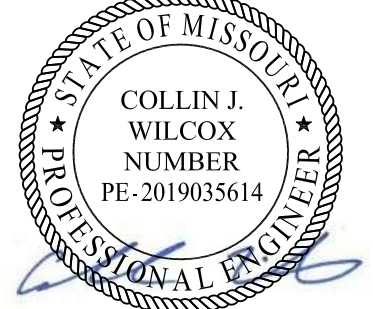


LEGEND

ASPHALT MILL AND OVERLAY



MATCHLINE STA 16+20



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

CITY OF GLENDALE, MO
NORTH SAPPINGTON
ROAD PRESERVATION
PLAN SHEETS
SHEET 3 OF 14

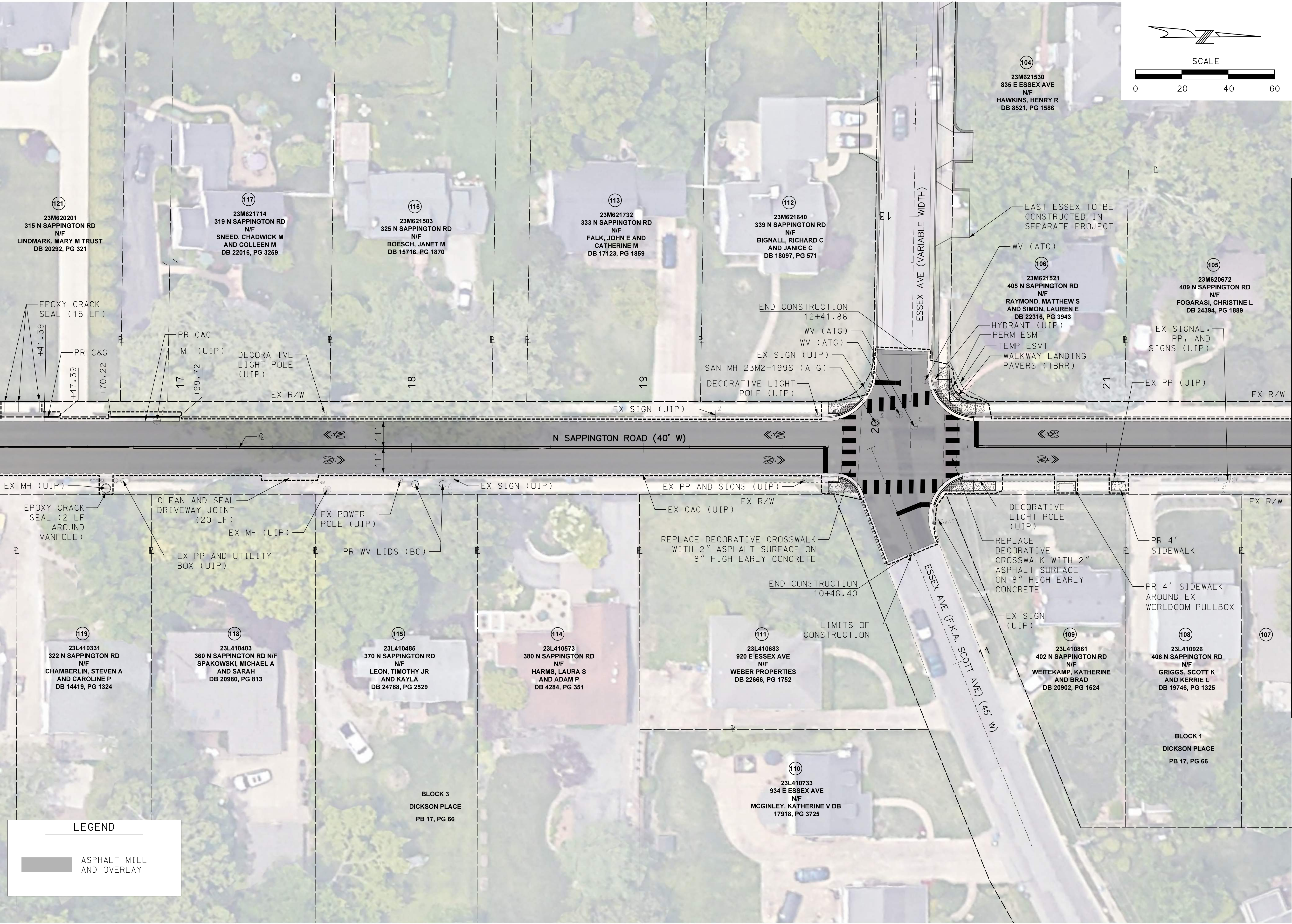
PROJECT/JOB NO. STP-5568(604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 5/18/2026
SHEET 28 OF 102

MATCHLINE STA 16+20

MATCHLINE STA 21+80

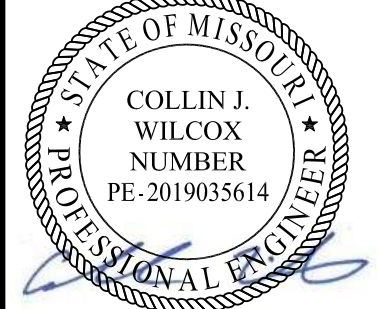
LEGEND

ASPHALT MILL AND OVERLAY



SCALE

0 20 40 60



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.

REVISIONS		DESCRIPTION
REV	DATE	BY

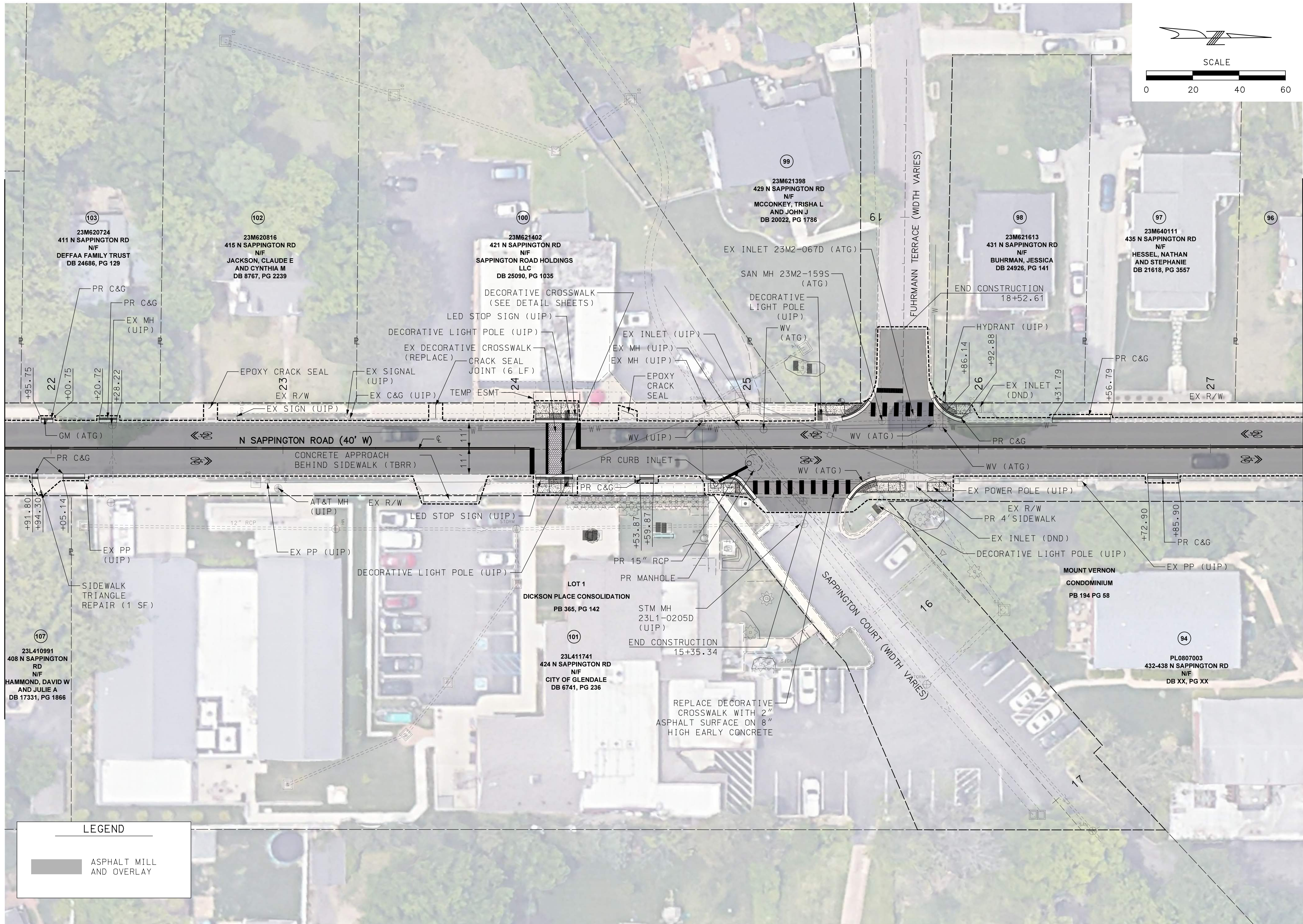
LOCHMUELLER GROUP
399 S SPRING AVENUE, SUITE 208 B
SAINT LOUIS, MISSOURI 63110
P (314) 621-3395 F (314) 621-3288
WWW.LOCHGROUP.COM
MISSOURI STATE ENGINEERING CORPORATION
CERTIFICATE/LICENSE NO. 2002011852

CITY OF GLENDALE, MO
NORTH SAPPINGTON
ROAD PRESERVATION

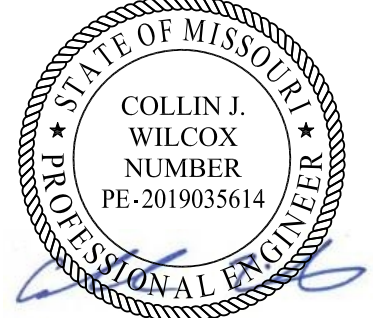
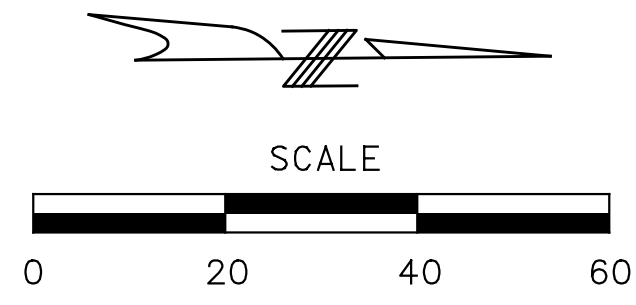
PLAN SHEETS
SHEET 4 OF 14

PROJECT/JOB NO. STP-5568 (604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 5/18/2026
SHEET 29 OF 102

MATCHLINE STA 21+80



MATCHLINE STA 27+40



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.

REVISIONS		DESCRIPTION
REV	DATE	BY

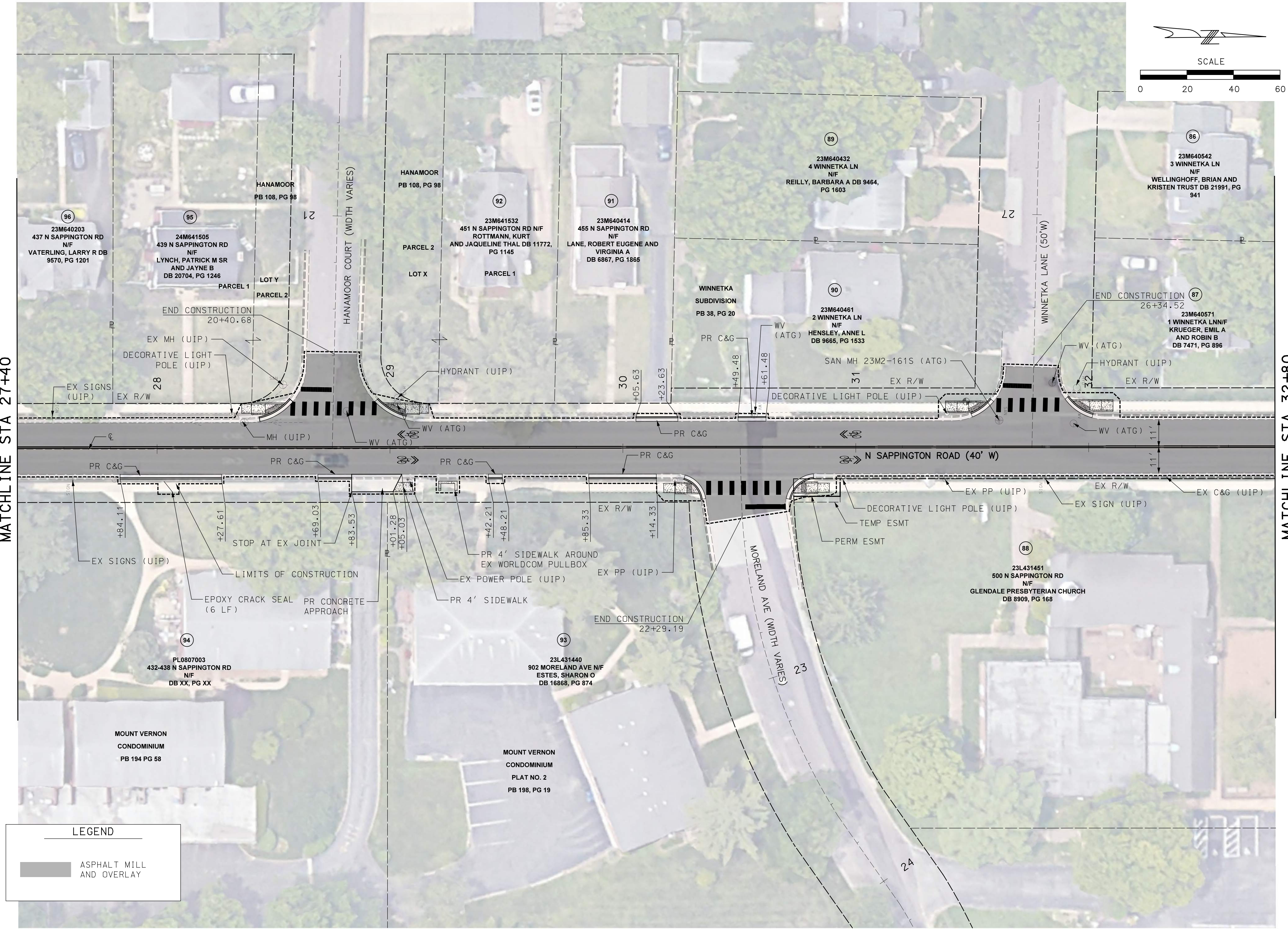
LOCHMUELLER GROUP
399 S SPRING AVENUE, SUITE 208 B
SAINT LOUIS, MISSOURI 63110
P (314) 621-3395 F (314) 621-3288
WWW.LOCHGROUP.COM
MISSOURI STATE ENGINEERING CORPORATION
CERTIFICATE/LICENSE NO. 2002011852

CITY OF GLENDALE, MO
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 5/22/2026
SHEET 30 OF 102

MATCHLINE STA 27+40

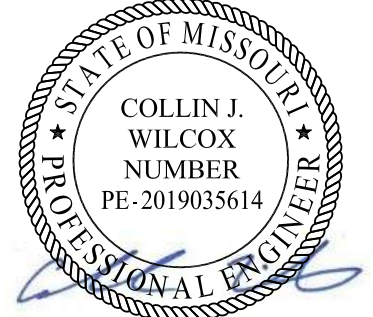
MATCHLINE STA 32+80



LEGEND

ASPHALT MILL AND OVERLAY

North arrow pointing up and a graphic scale bar from 0 to 60 feet.



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.

REVISONS		DESCRIPTION
REV	DATE	BY

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

CITY OF GLENDALE, MO
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	5/18/2026
SHEET	31 OF 102



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.

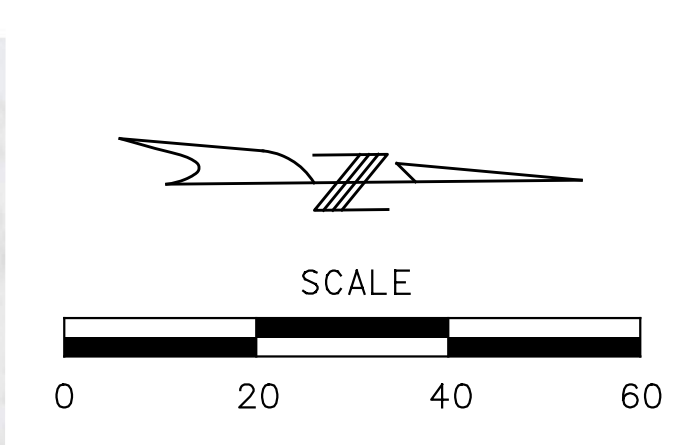
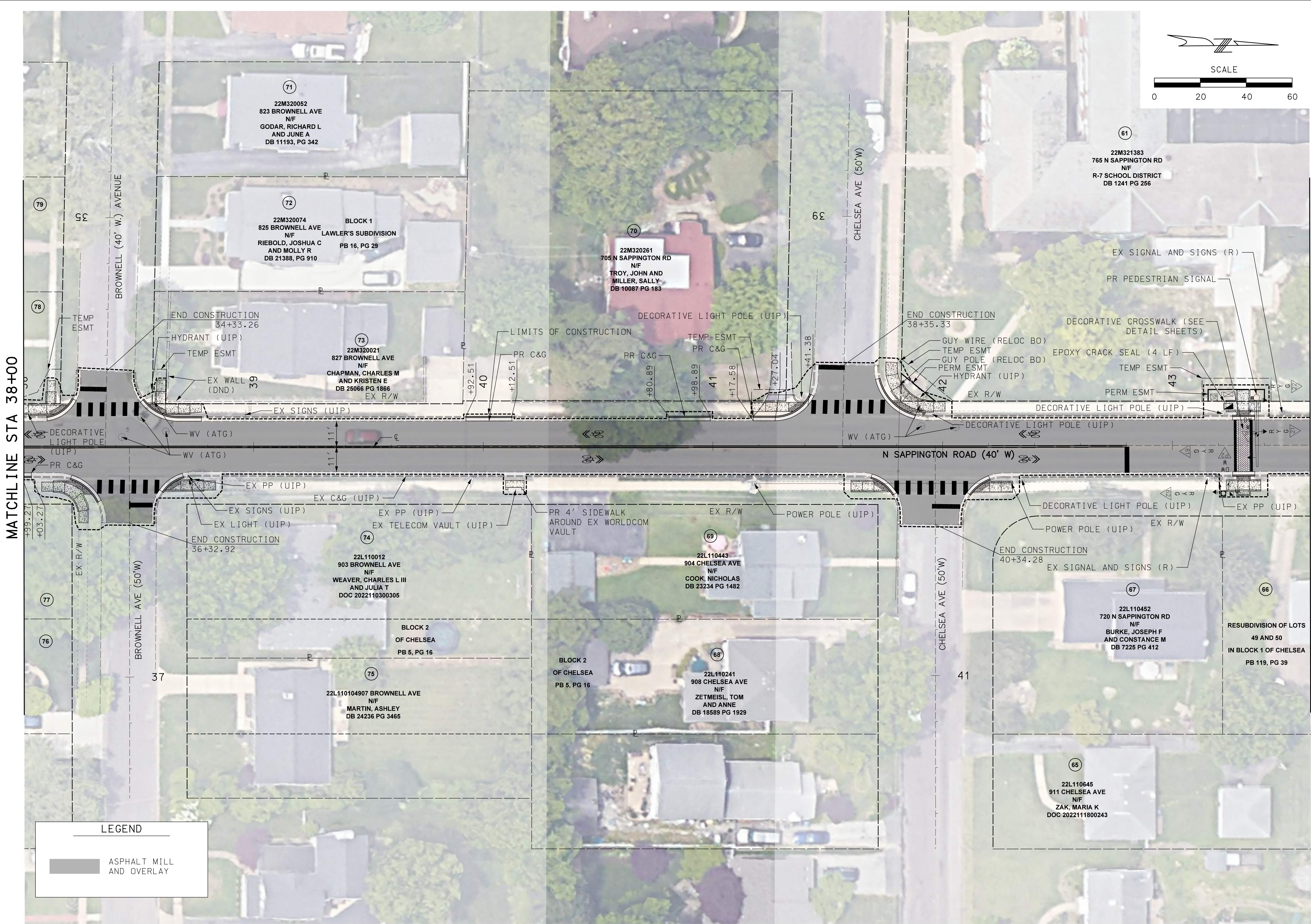
REVISIONS			DESCRIPTION
REV	DATE	BY	
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

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. 2020211952

CITY OF GLENDALE, MO
NORTH SAPPINGTON
ROAD PRESERVATION

PLAN SHEETS
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 5/18/2026
SHEET 32 OF 102



LEGEND

ASPHALT MILL AND OVERLAY



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.

REVISIONS		DESCRIPTION
REV	DATE	BY

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

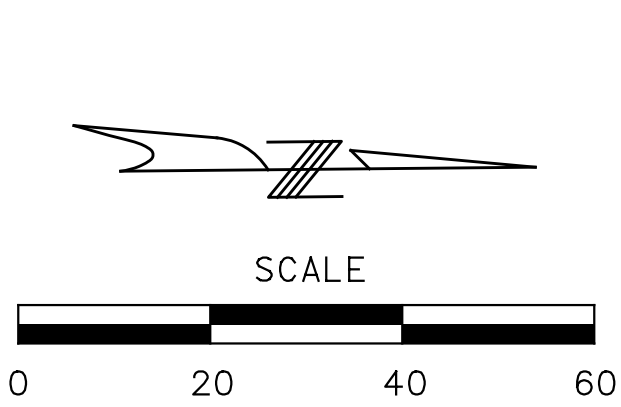
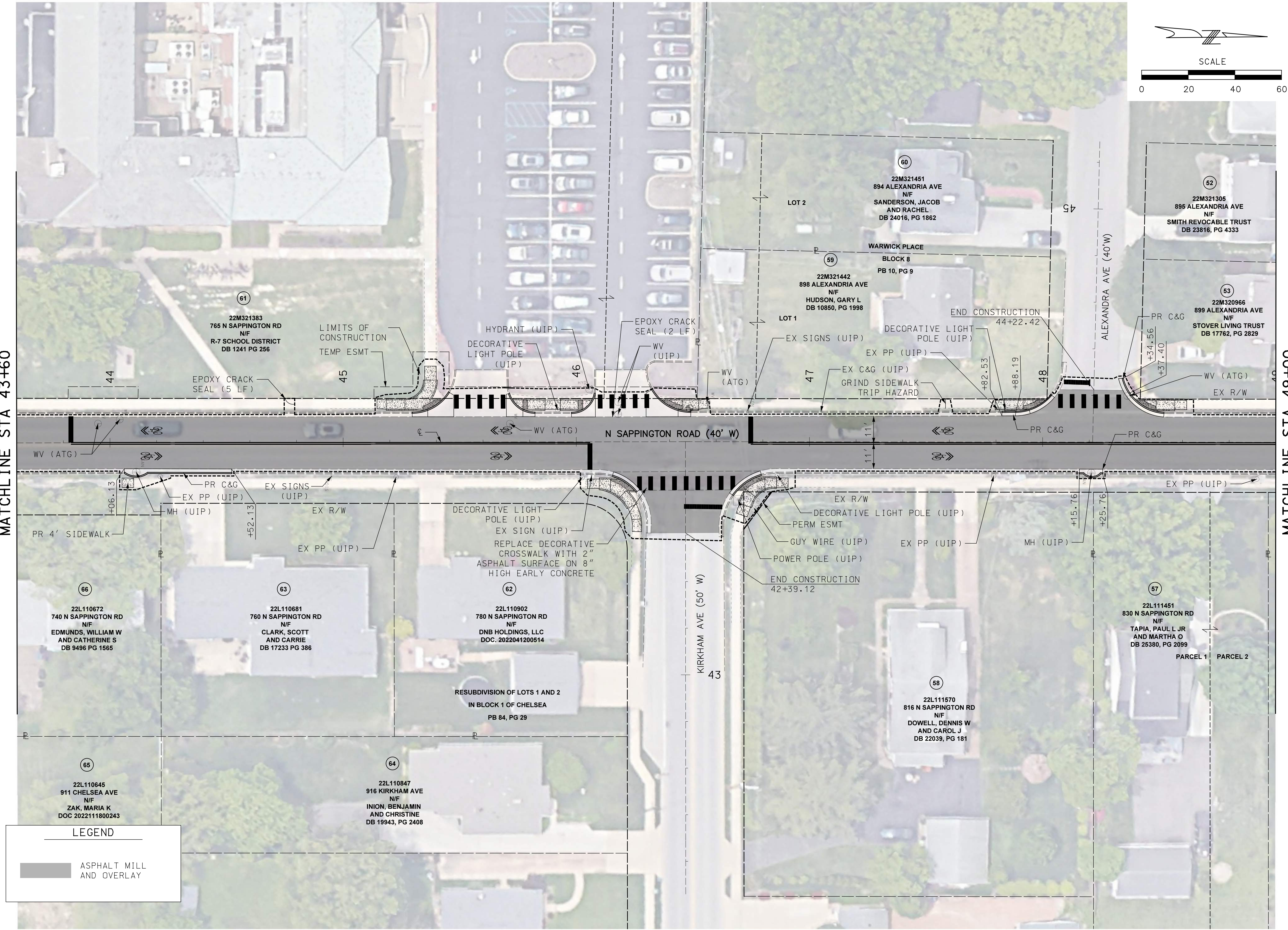
CITY OF GLENDALE, MO
NORTH SAPPINGTON ROAD PRESERVATION
PLAN SHEETS
SHEET 8 OF 14

PROJECT/JOB NO. STP-5568 (604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 5/22/2026
SHEET 33 OF 102

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

MATCHLINE STA 43+60

MATCHLINE STA 49+00



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.

REVISONS		DESCRIPTION	
REV	DATE	BY	

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

CITY OF GLENDALE, MO
NORTH SAPPINGTON
ROAD PRESERVATION
PLAN SHEETS
SHEET 9 OF 14

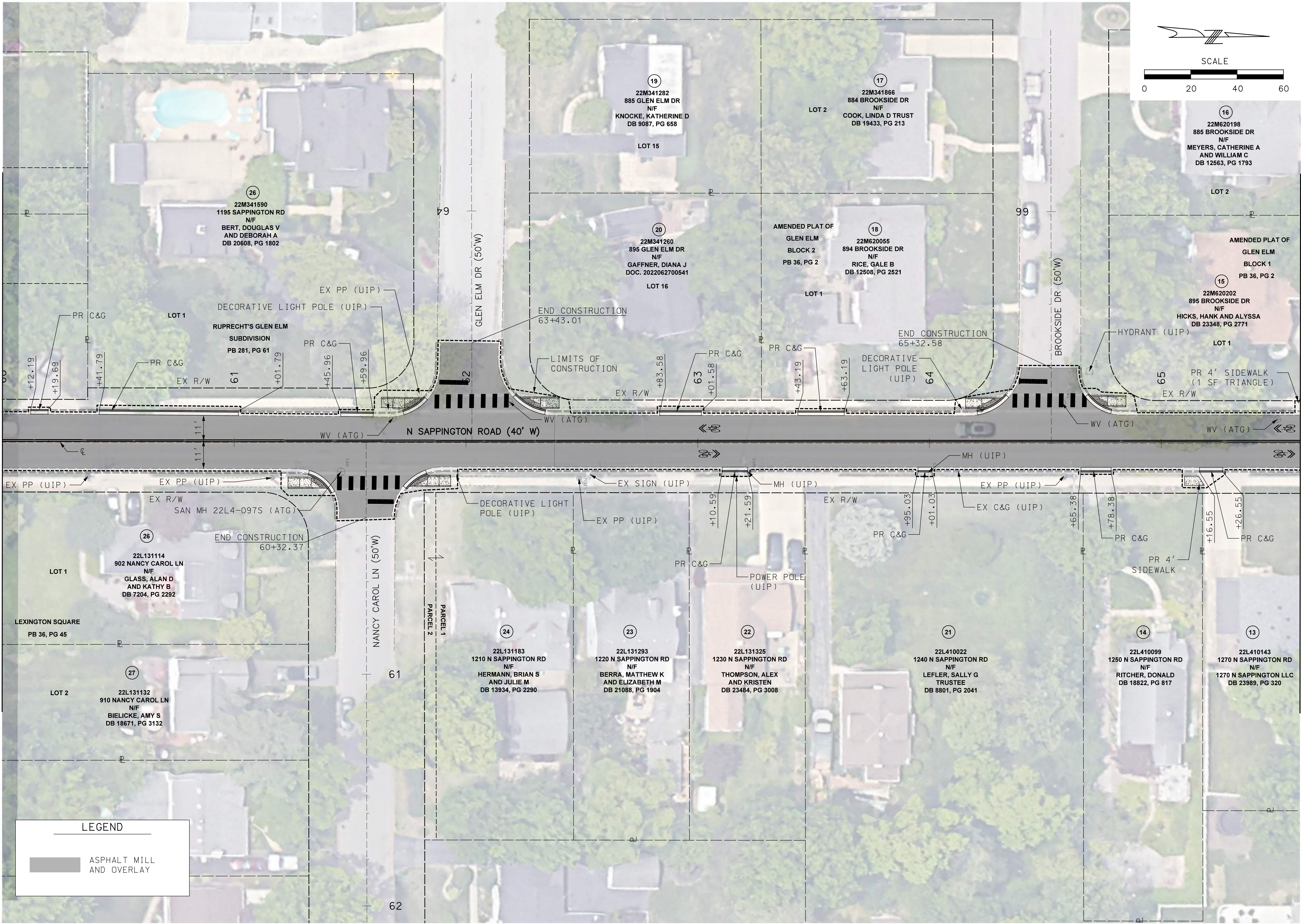
PROJECT/JOB NO.	STP-5568 (604)
MSD PROJECT NO.	25MSD-00108
MSD BASE MAP	22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED	5/18/2026
SHEET	34 OF 102

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

MATCHLINE STA 60+00

LEGEND

ASPHALT MILL AND OVERLAY



MATCHLINE STA 65+60



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.

REVISIONS		DESCRIPTION
REV	DATE	BY

LOCHMULLER 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

CITY OF GLENDALE, MO
NORTH SAPPINGTON
ROAD PRESERVATION

PLAN SHEETS
SHEET 12 OF 14

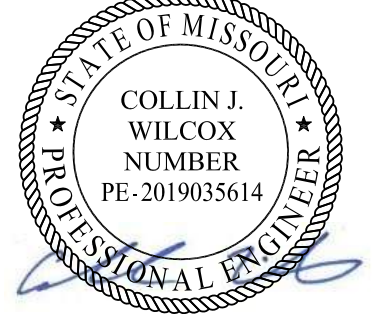
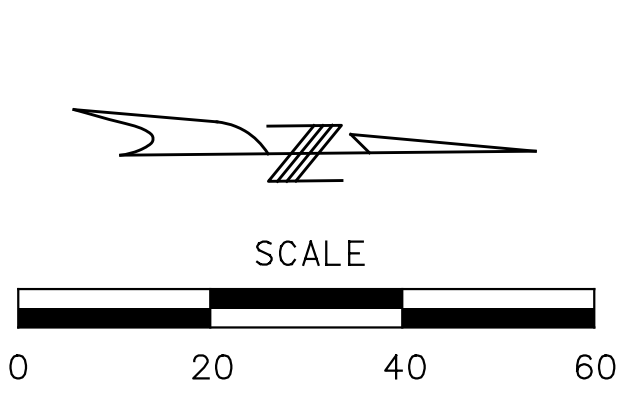
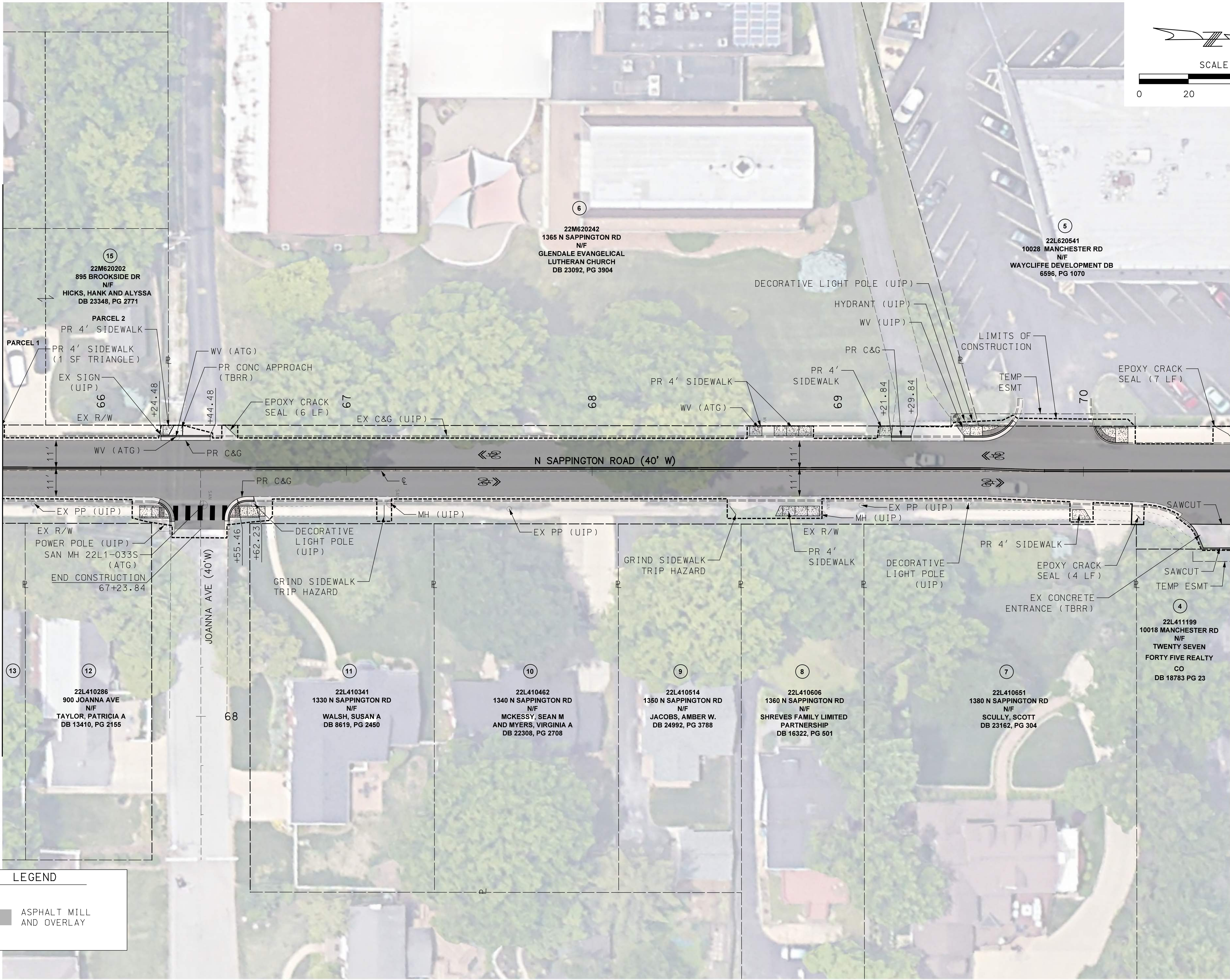
PROJECT/JOB NO. STP-5568 (604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 5/18/2026
SHEET 37 OF 102

MATCHLINE STA 65+60

MATCHLINE STA 70+60

LEGEND

ASPHALT MILL AND OVERLAY



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.

REVISIONS		DESCRIPTION
REV	DATE	BY

LOCHMULLER GROUP

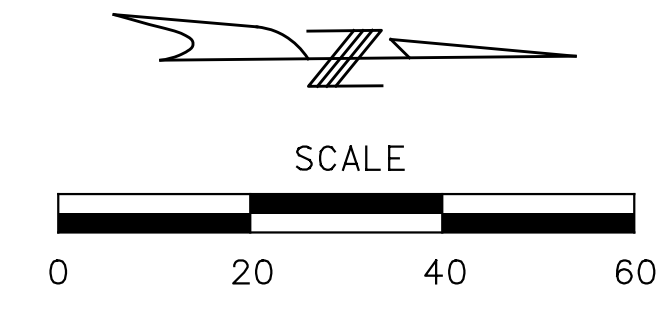
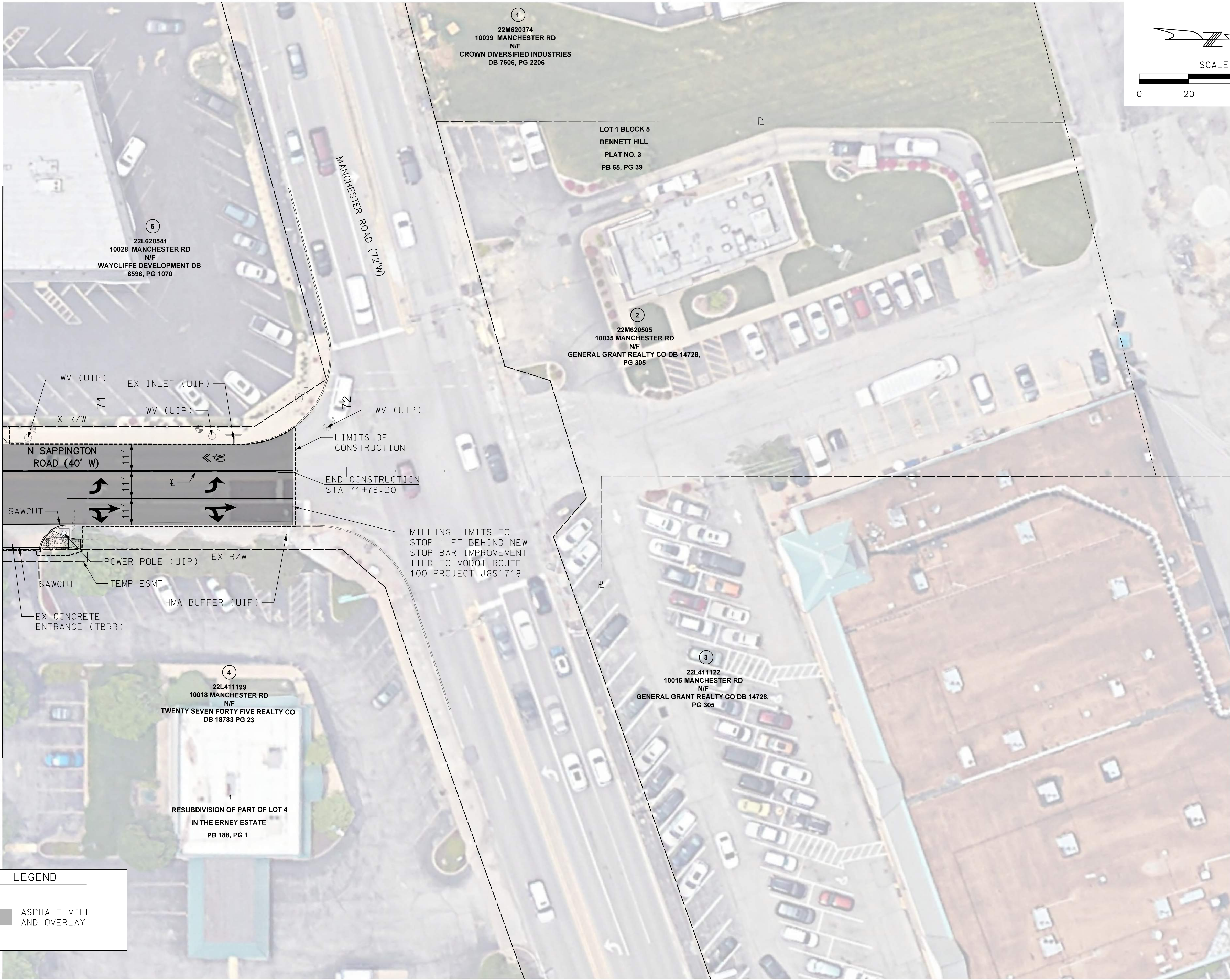
399 S SPRING AVENUE, SUITE 208 B
SAINT LOUIS, MISSOURI 63110
P (314) 621-3395 F (314) 621-3288
WWW.LOCHGROUP.COM
MISSOURI STATE ENGINEERING CORPORATION
CERTIFICATE/LICENSE NO. 2002011852

CITY OF GLENDALE, MO
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 5/18/2026
SHEET 38 OF 102

MATCHLINE STA 70+60



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.

REVISONS		DESCRIPTION	
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

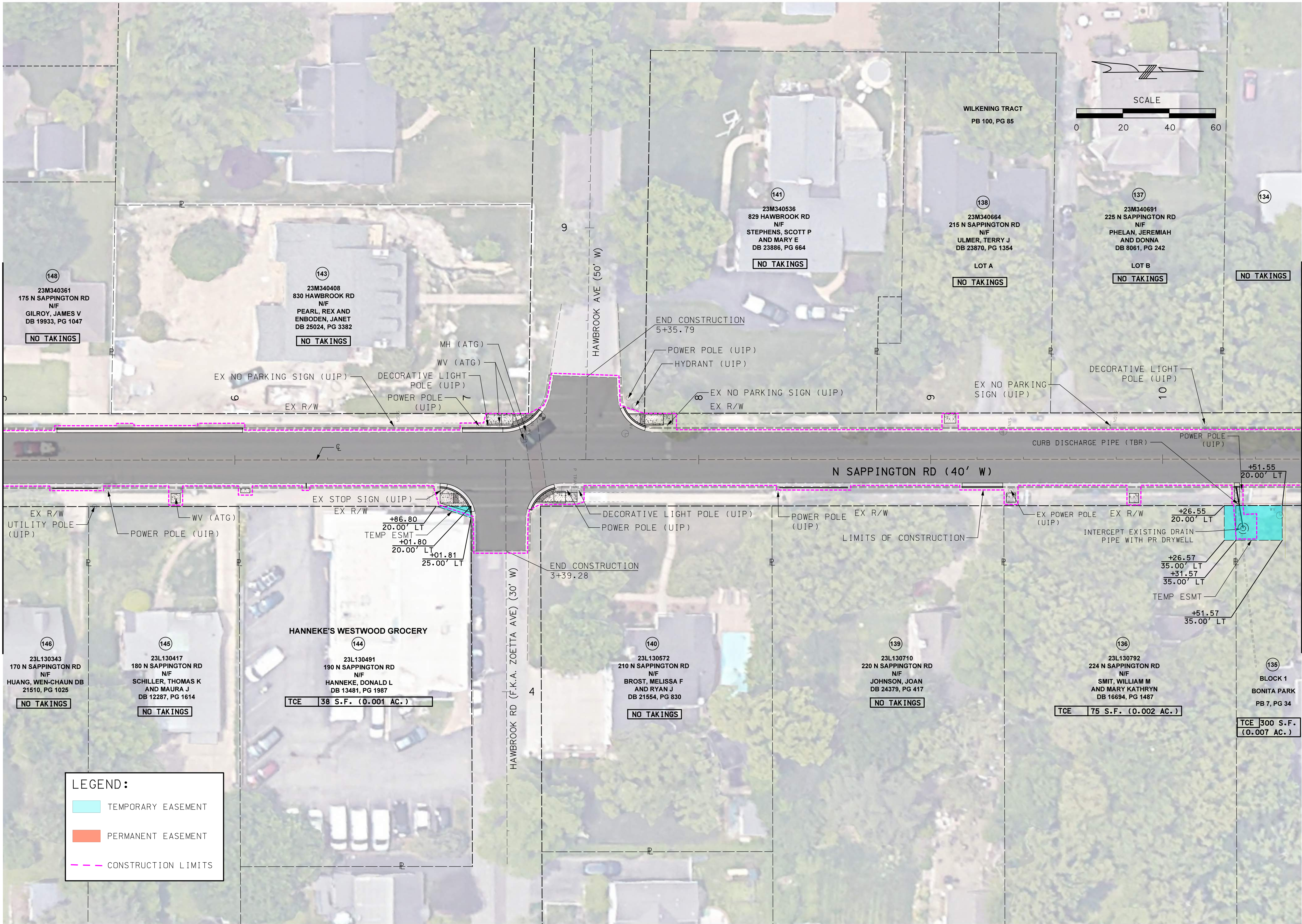
CITY OF GLENDALE, MO
NORTH SAPPINGTON
ROAD PRESERVATION
PLAN SHEETS
SHEET 14 OF 14

PROJECT/JOB NO. STP-5568 (604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 5/18/2026
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

ASPHALT MILL AND OVERLAY



LEGEND:

- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- CONSTRUCTION LIMITS



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.

REVISIONS		DESCRIPTION
REV	DATE	BY

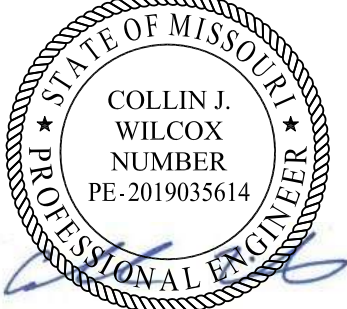
LOCHMUELLER GROUP
399 S SPRING AVENUE, SUITE 208 B
SAINT LOUIS, MISSOURI 63110
P (314) 621-3395 F (314) 621-3288
WWW.LOCHGROUP.COM
MISSOURI STATE ENGINEERING CORPORATION
CERTIFICATE LICENSE NO. 2002011852

CITY OF GLENDALE, MO
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 5/18/2026
SHEET 41 OF 102

MATCHLINE STA 16+20

MATCHLINE STA 21+80



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

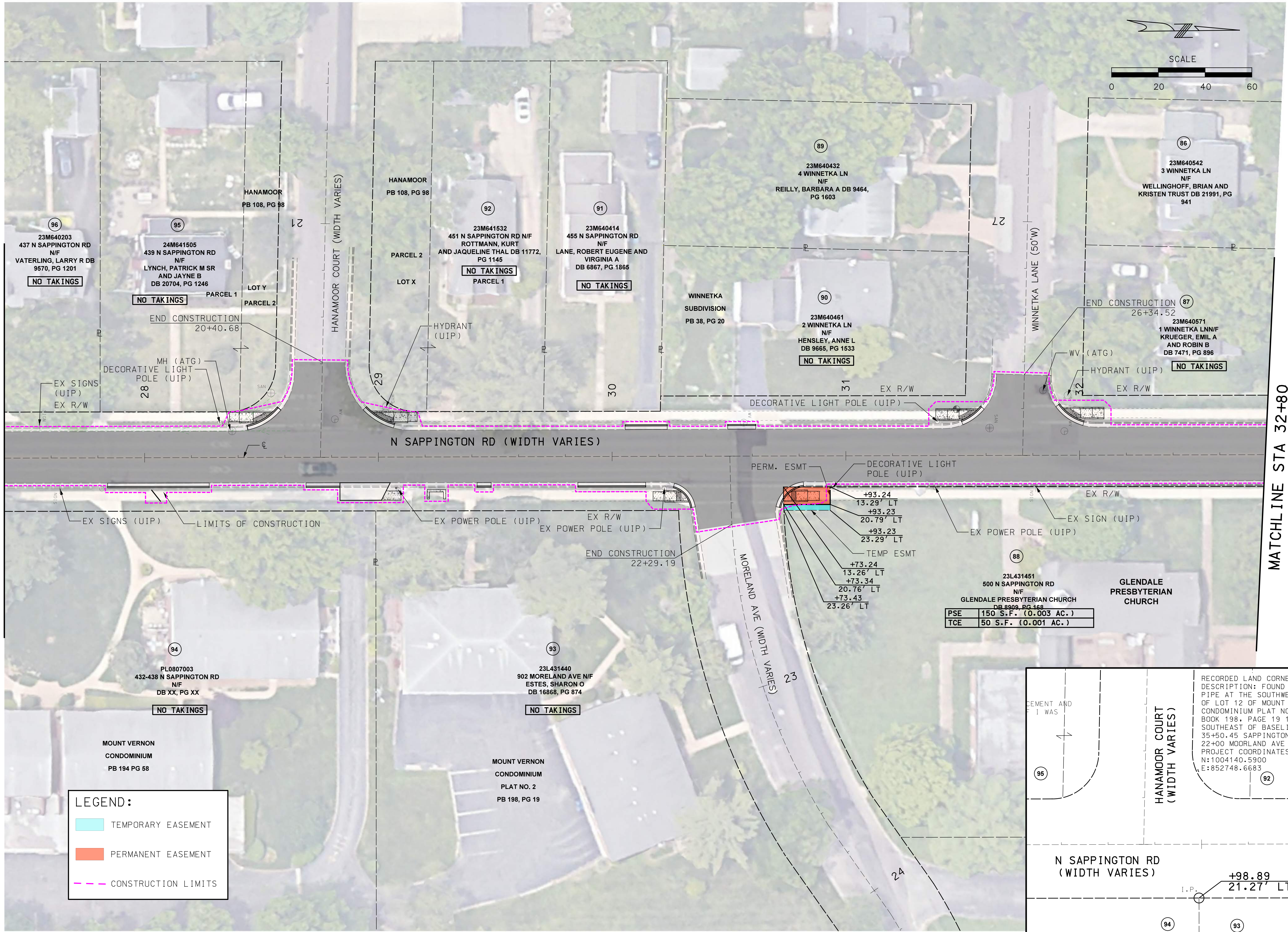
399 S SPRING AVENUE, SUITE 208 B
SAINT LOUIS, MISSOURI 63110
P (314) 621-3395 F (314) 621-3288
WWW.LOCHGROUP.COM

MISSOURI STATE ENGINEERING CORPORATION
CERTIFICATE/LICENSE NO. 2002011852

CITY OF GLENDALE, MO
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	5/18/2026
SHEET	43 OF 102

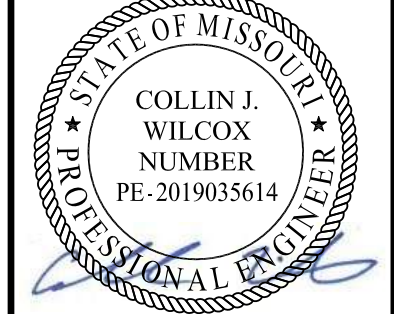
MATCHLINE STA 27+40



LEGEND:

- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- CONSTRUCTION LIMITS

MATCHLINE STA 32+80



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.

REVISIONS		DESCRIPTION
REV	DATE	BY

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

CITY OF GLENDALE, MO
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 5/18/2026
SHEET 45 OF 102



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.

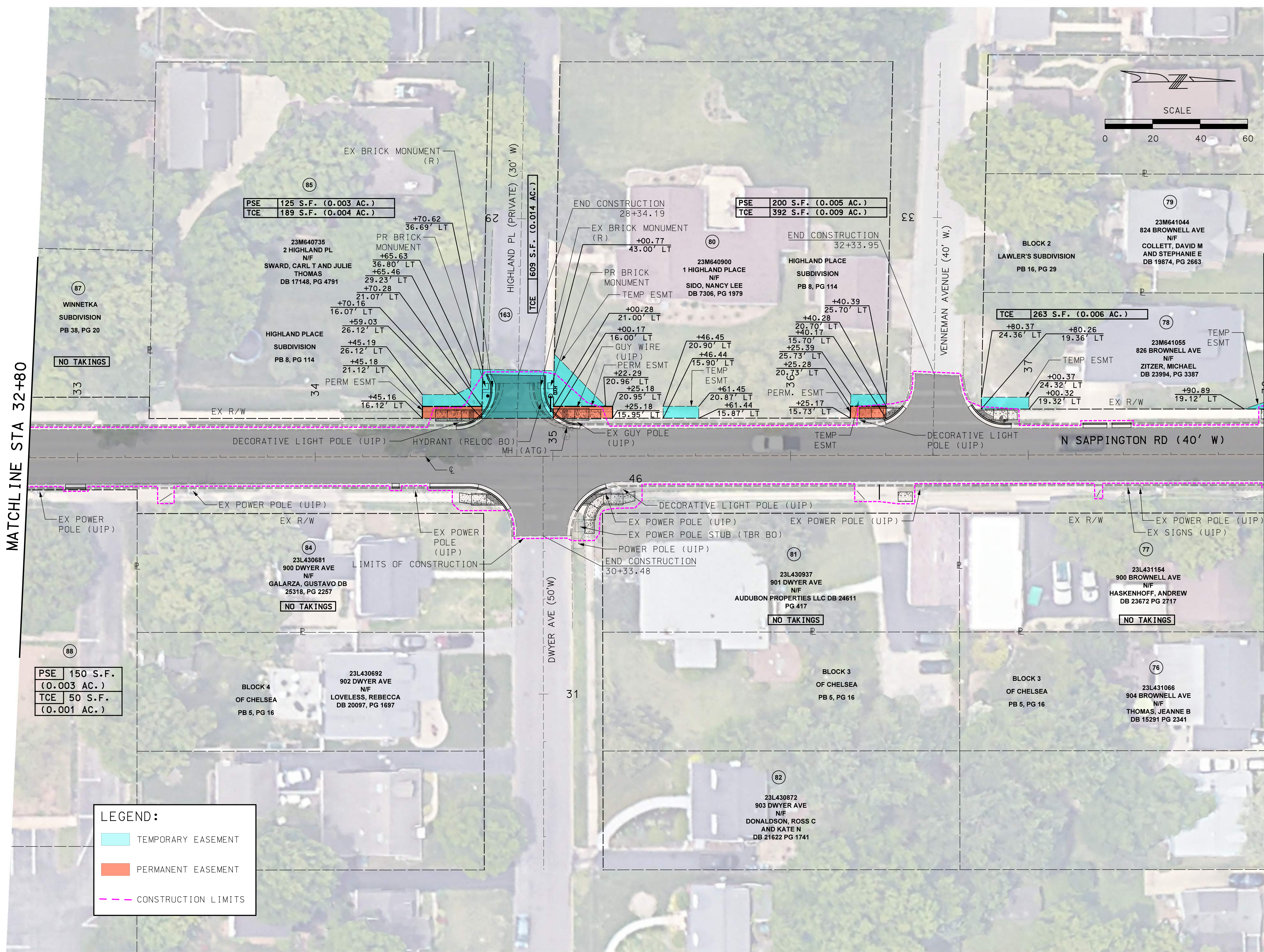
REV		DATE	BY	DESCRIPTION

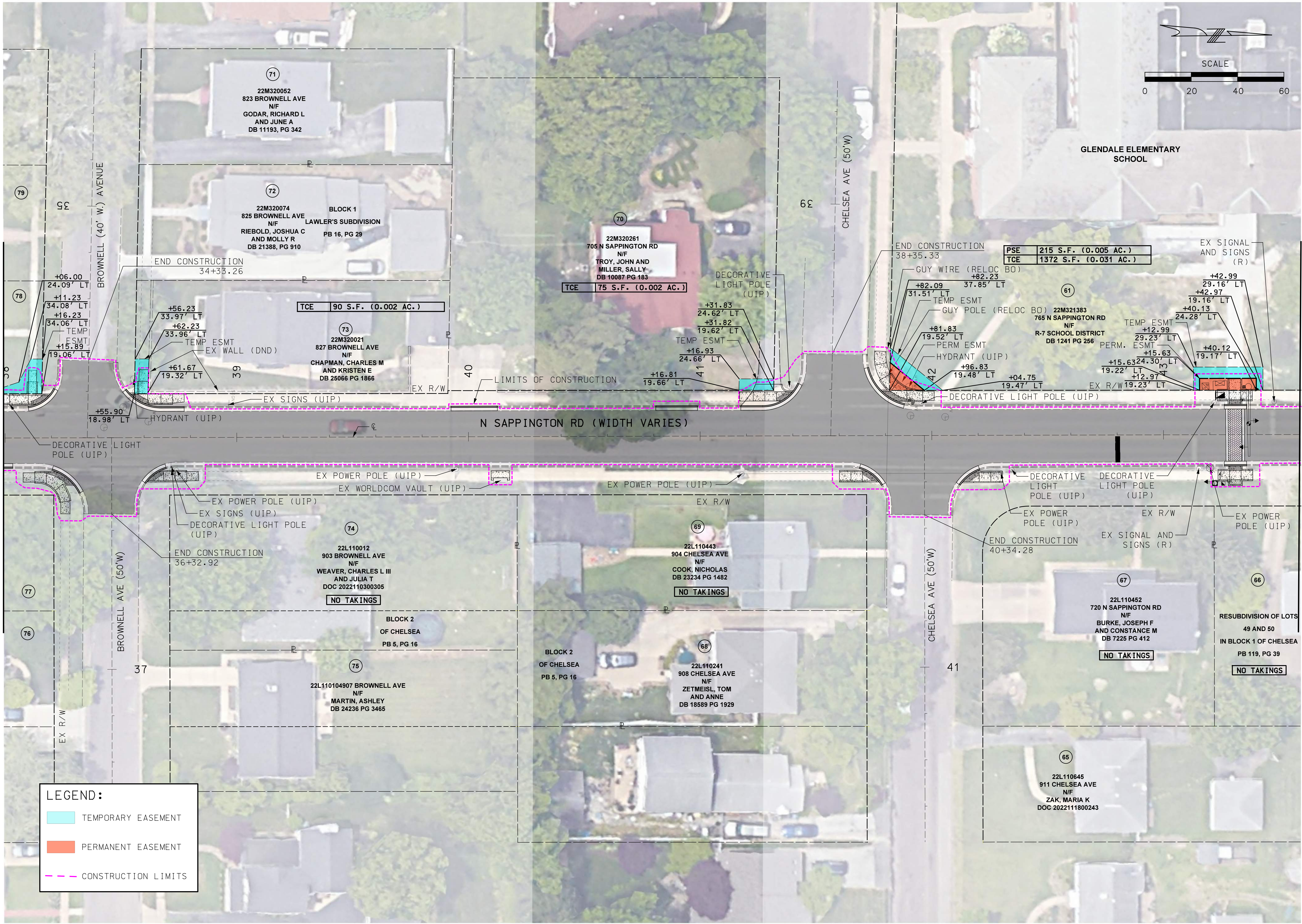
LOCHMUELLER GROUP
399 S SPRING AVENUE, SUITE 208 B
SAINT LOUIS, MISSOURI 63110
P (314) 621-3395 F (314) 621-3288
WWW.LOCHGROUP.COM
MISSOURI STATE ENGINEERING CORPORATION
CERTIFICATE LICENSE NO. 2002011852

CITY OF GLENDALE, MO
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 5/18/2026
SHEET 46 OF 102

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





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.

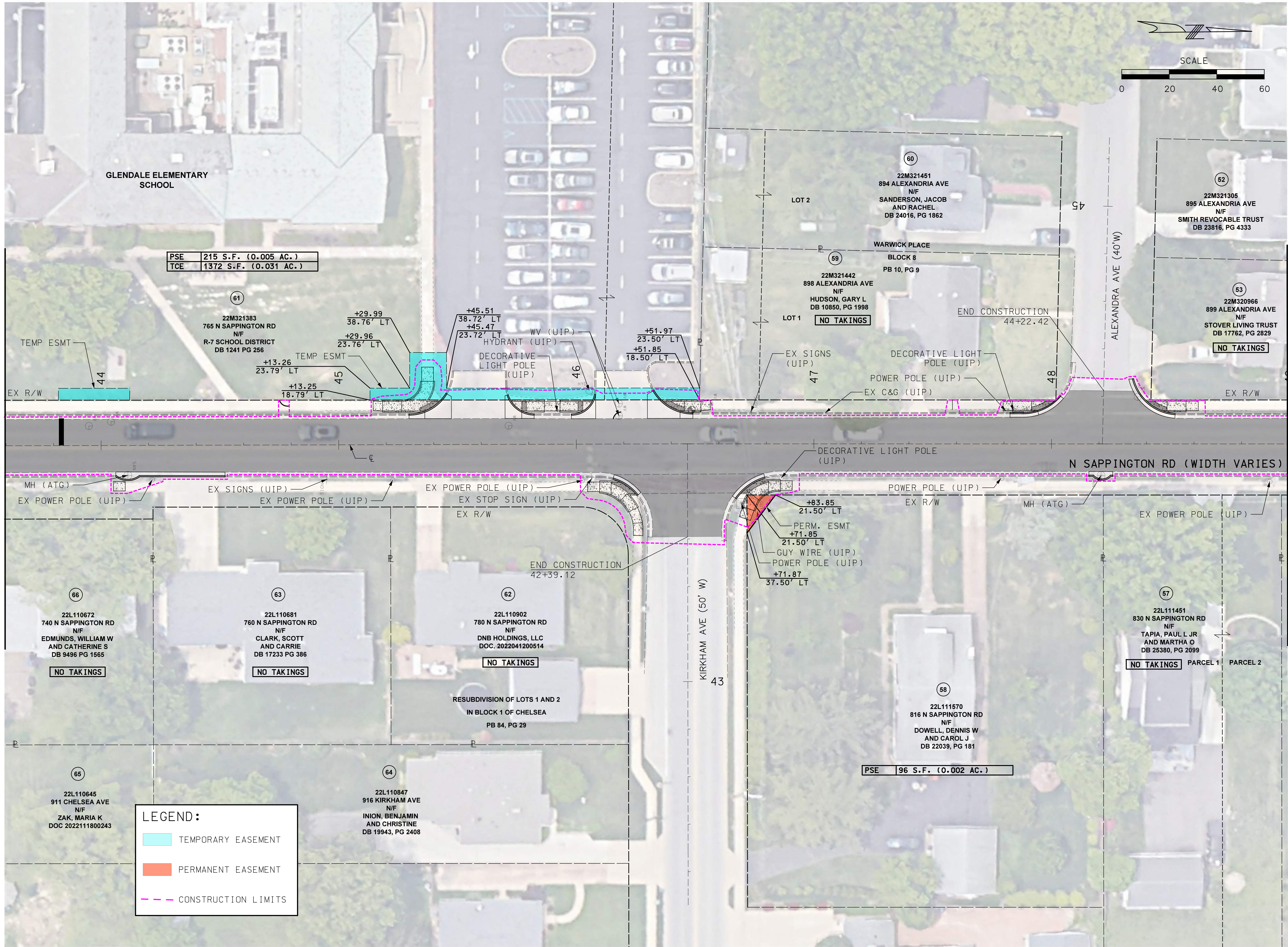
REV	DATE	BY	DESCRIPTION

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

CITY OF GLENDALE, MO
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 5/18/2026
SHEET 47 OF 102

MATCHLINE STA 43+60



MATCHLINE STA 49+00



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

CITY OF GLENDALE, MO
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 5/18/2026
SHEET 48 OF 102

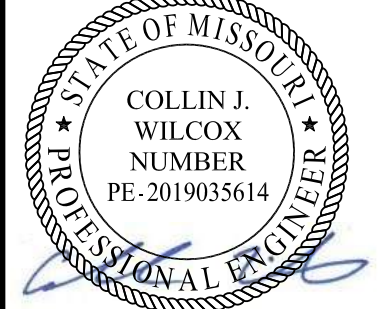
MATCHLINE STA 49+00



LEGEND:

- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- CONSTRUCTION LIMITS

MATCHLINE STA 54+00



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.

REVISIONS		DESCRIPTION	
REV	DATE	BY	

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

CITY OF GLENDALE, MO
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	5/18/2026
SHEET	49 OF 102

MATCHLINE STA 54+40

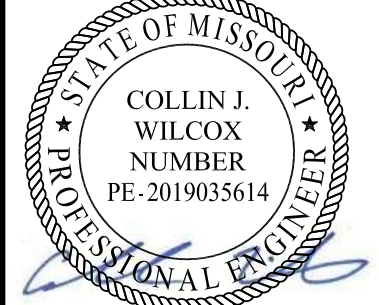
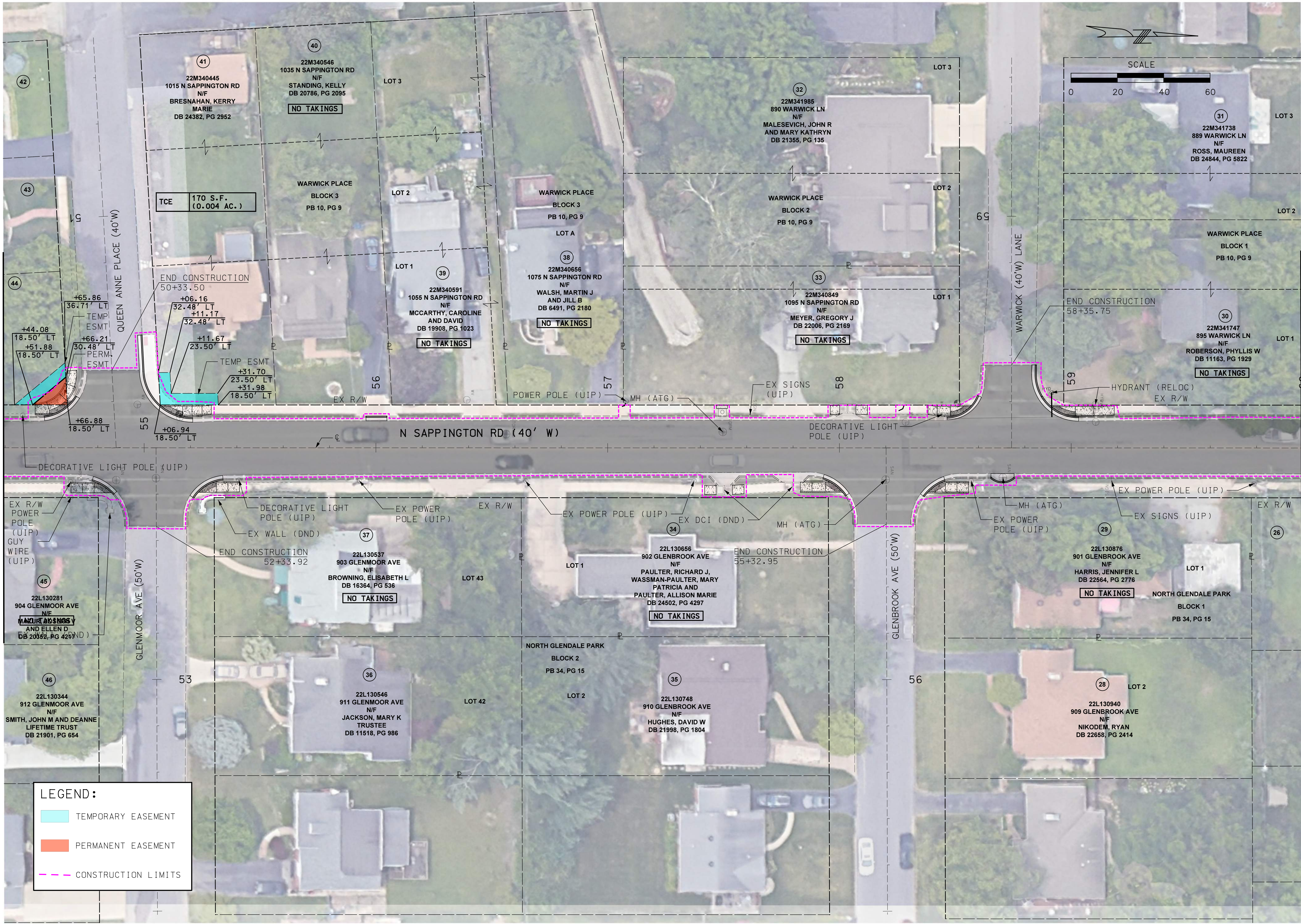
MATCHLINE STA 60+00

LEGEND:

TEMPORARY EASEMENT

PERMANENT EASEMENT

CONSTRUCTION LIMITS



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.

REVISIONS		DESCRIPTION	
REV	DATE	BY	

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

CITY OF GLENDALE, MO
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	5/18/2026
SHEET	50 OF 102

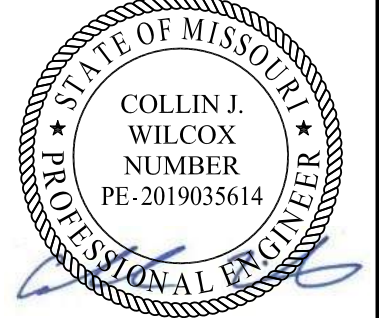
MATCHLINE STA 60+00



LEGEND:

- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- CONSTRUCTION LIMITS

MATCHLINE STA 65+60



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.

REVISIONS		DESCRIPTION
REV	DATE	BY

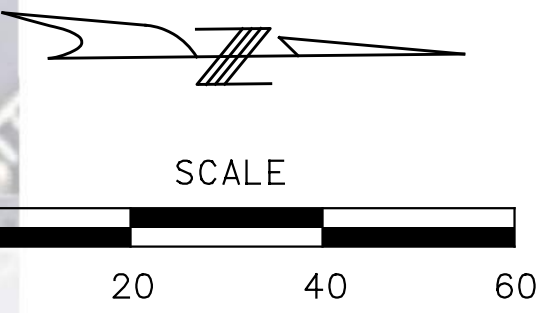
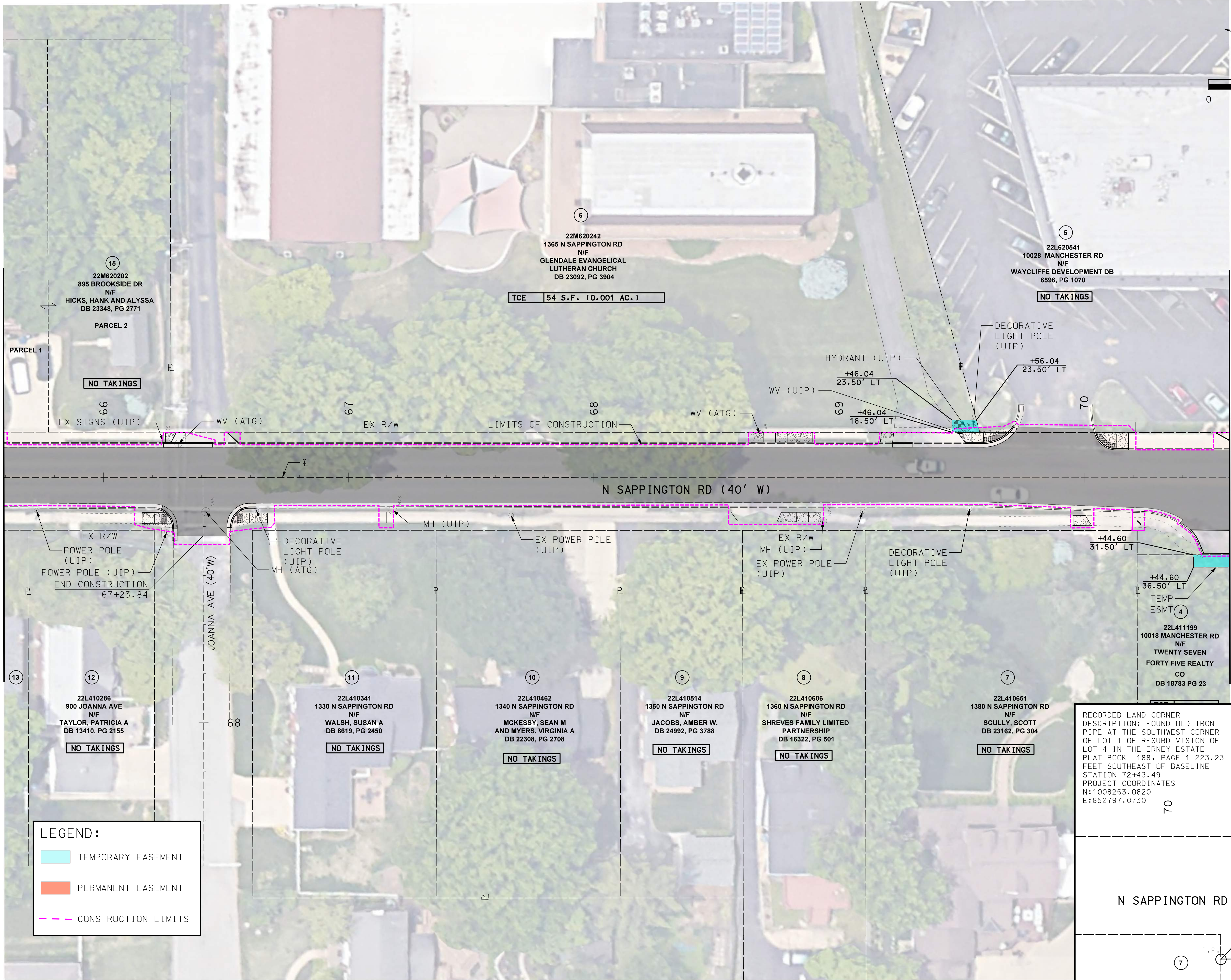
LOCHMUELLER GROUP
399 S SPRING AVENUE, SUITE 208 B
SAINT LOUIS, MISSOURI 63110
P (314) 621-3395 F (314) 621-3288
WWW.LOCHMUELLERGROUP.COM
MISSOURI STATE ENGINEERING CORPORATION
CERTIFICATE LICENSE NO. 2002011852

CITY OF GLENDALE, MO
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 5/18/2026
SHEET 51 OF 102

MATCHLINE STA 65+60

MATCHLINE STA 70+60

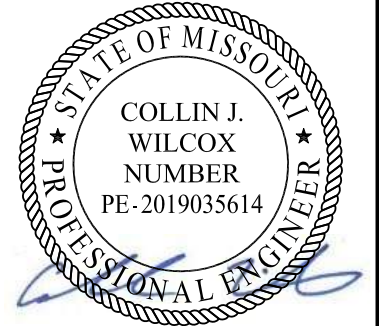
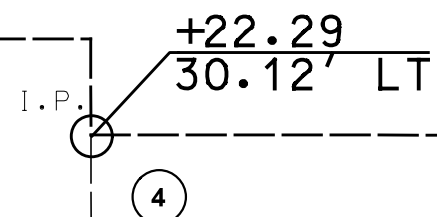


LEGEND:

- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- CONSTRUCTION LIMITS

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

N SAPPINGTON RD (40' W)



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.

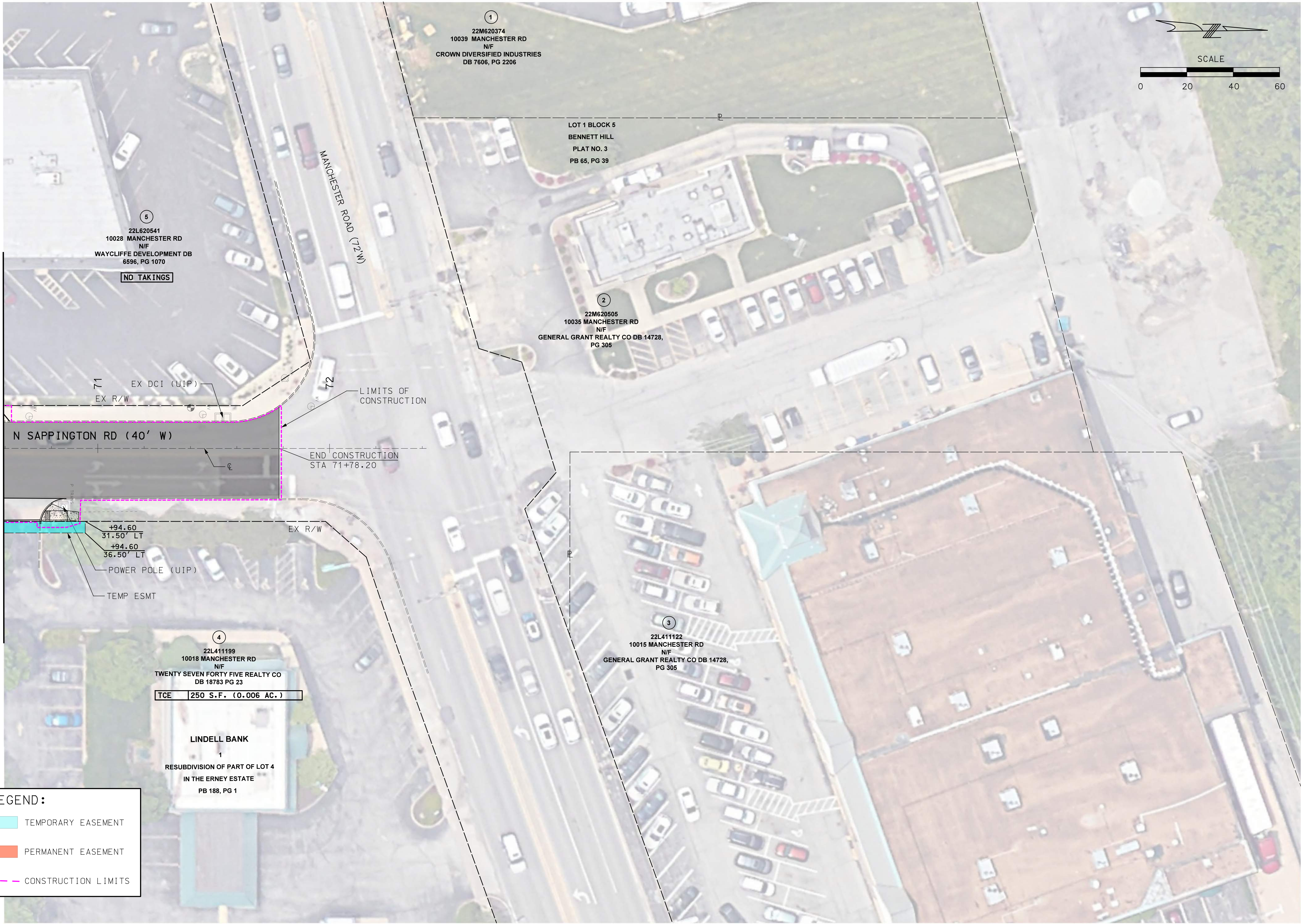
REVISIONS		DESCRIPTION
REV	DATE	BY

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

CITY OF GLENDALE, MO
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	5/18/2026
SHEET	52 OF 102

MATCHLINE STA 70+60



LEGEND:

- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- CONSTRUCTION LIMITS



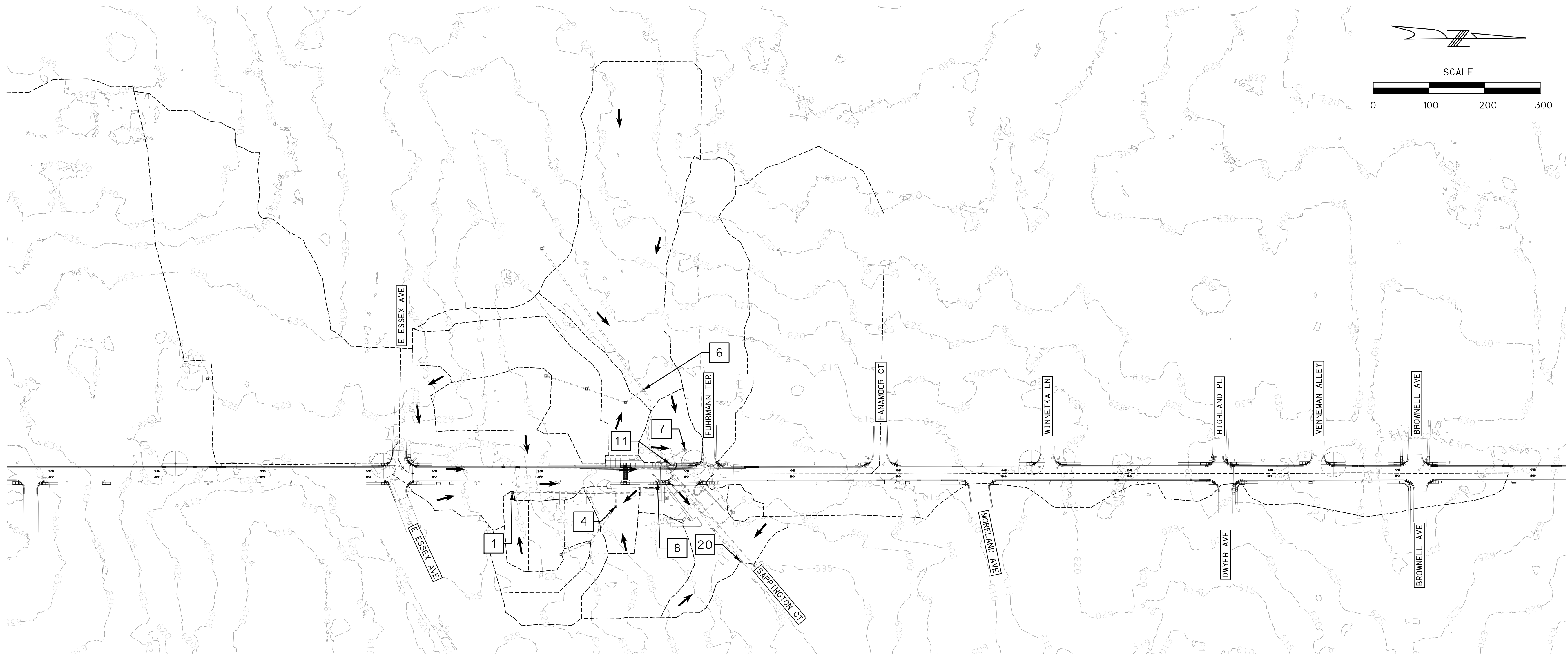
DISCLAIMER OF RESPONSIBILITY
I hereby specify that the documents intended to be authorized by my seal are limited to this sheet, and I hereby disclaim any responsibility for all other Drawings, Specifications, Estimates, Reports or other documents or instruments relating to or intended to be used for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

REVISONS		DESCRIPTION	
REV	DATE	BY	

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

CITY OF GLENDALE, MO
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
5/18/2026
SHEET
53 OF 102

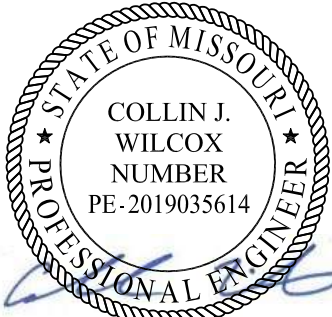


DRAINAGE AREA CALCULATIONS					
INLET	INTENSITY	AREA	P FACTOR	PI FACTOR	DISCHARGE
		(AC)		(CFS/AC)	(CFS)
1	4.6	0.123	0.661	3.04	0.373
4	4.6	0.196	0.741	3.41	0.669
6	4.6	2.473	0.484	2.23	5.505
7	4.6	0.247	0.572	2.63	0.651
8	4.6	0.491	0.627	2.89	1.416
20	4.6	0.673	0.619	2.85	1.917
11	4.6	0.859	0.615	2.83	2.430
TOTAL AREA =		5.062		TOTAL Q =	12.961

Project Totals							
Conditions	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



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.

REVISONS		DATE	BY	DESCRIPTION
REV				

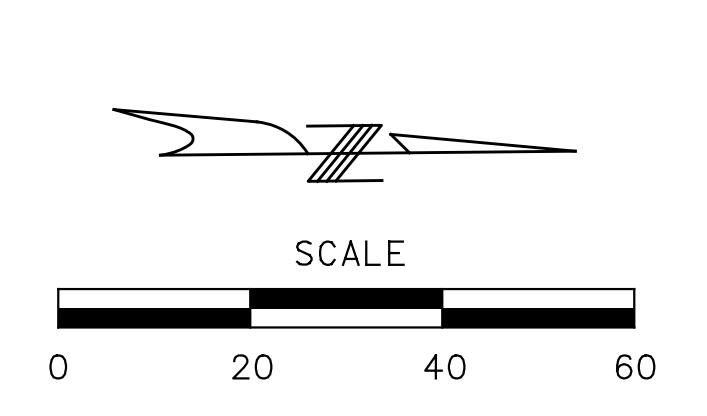


LOCHMUELLER GROUP
399 S SPRING AVENUE, SUITE 208 B
SAINT LOUIS, MISSOURI 63110
P (314) 621-3395 F (314) 621-3288
WWW.LOCHGROUP.COM
MISSOURI STATE ENGINEERING CORPORATION
CERTIFICATE LICENSE NO. 2002011852

CITY OF GLENDALE, MO
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 5/18/2026
SHEET 54 OF 102



MATCHLINE STA 10+60



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.

REVISIONS			DESCRIPTION	
REV	DATE	BY		

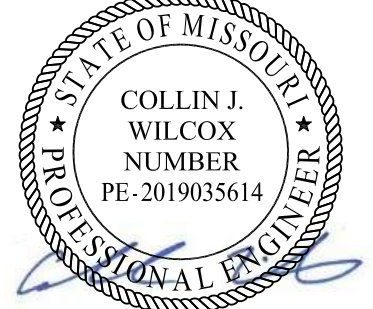
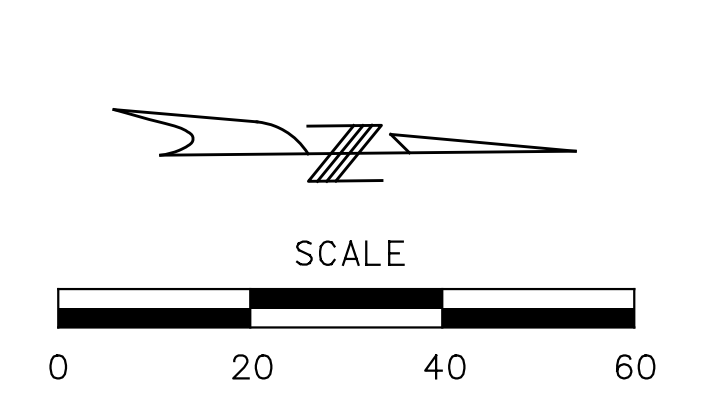


399 S SPRING AVENUE, SUITE 208 B
SAINT LOUIS, MISSOURI 63110
P (314) 621-3395 F (314) 621-3288
WWW.LOCHGROUP.COM
MISSOURI STATE ENGINEERING CORPORATION
CERTIFICATE/LICENSE NO. 2002011852

CITY OF GLENDALE, MO
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 5/18/2026
SHEET 55 OF 102

MATCHLINE STA 10+60



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.

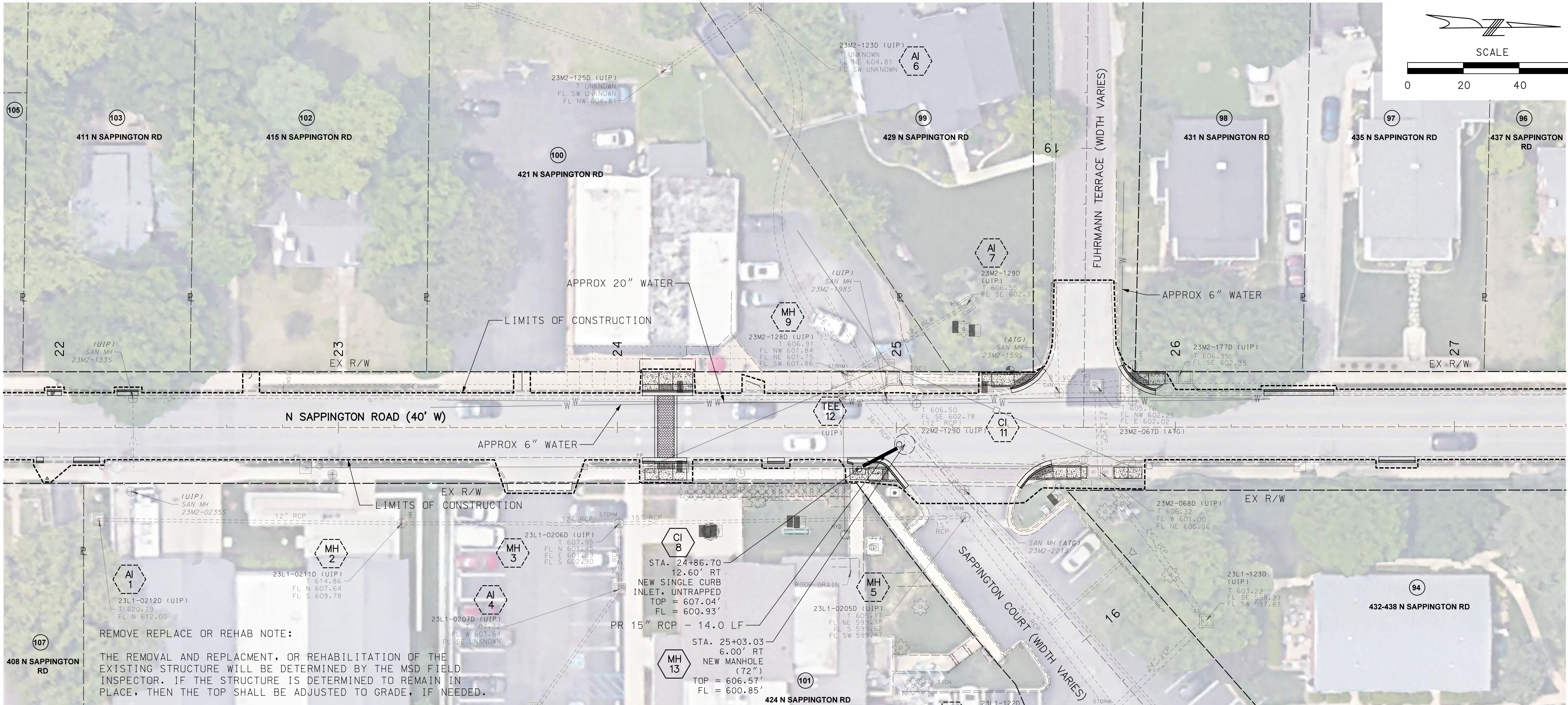
REVISIONS			DESCRIPTION
REV	DATE	BY	



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

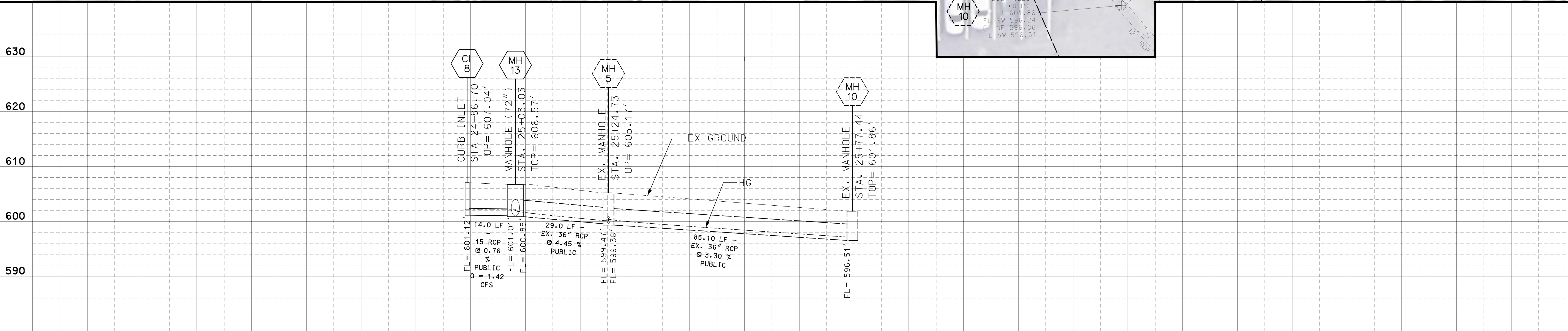
CITY OF GLENDALE, MO
NORTH SAPPINGTON
ROAD PRESERVATION
DRAINAGE PLAN
SHEET 2 OF 3

PROJECT/JOB NO. STP-5568(604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 5/18/2026
SHEET 56 OF 102



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 PAVEMENT SHALL HAVE GRANULAR BACKFILL.



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.

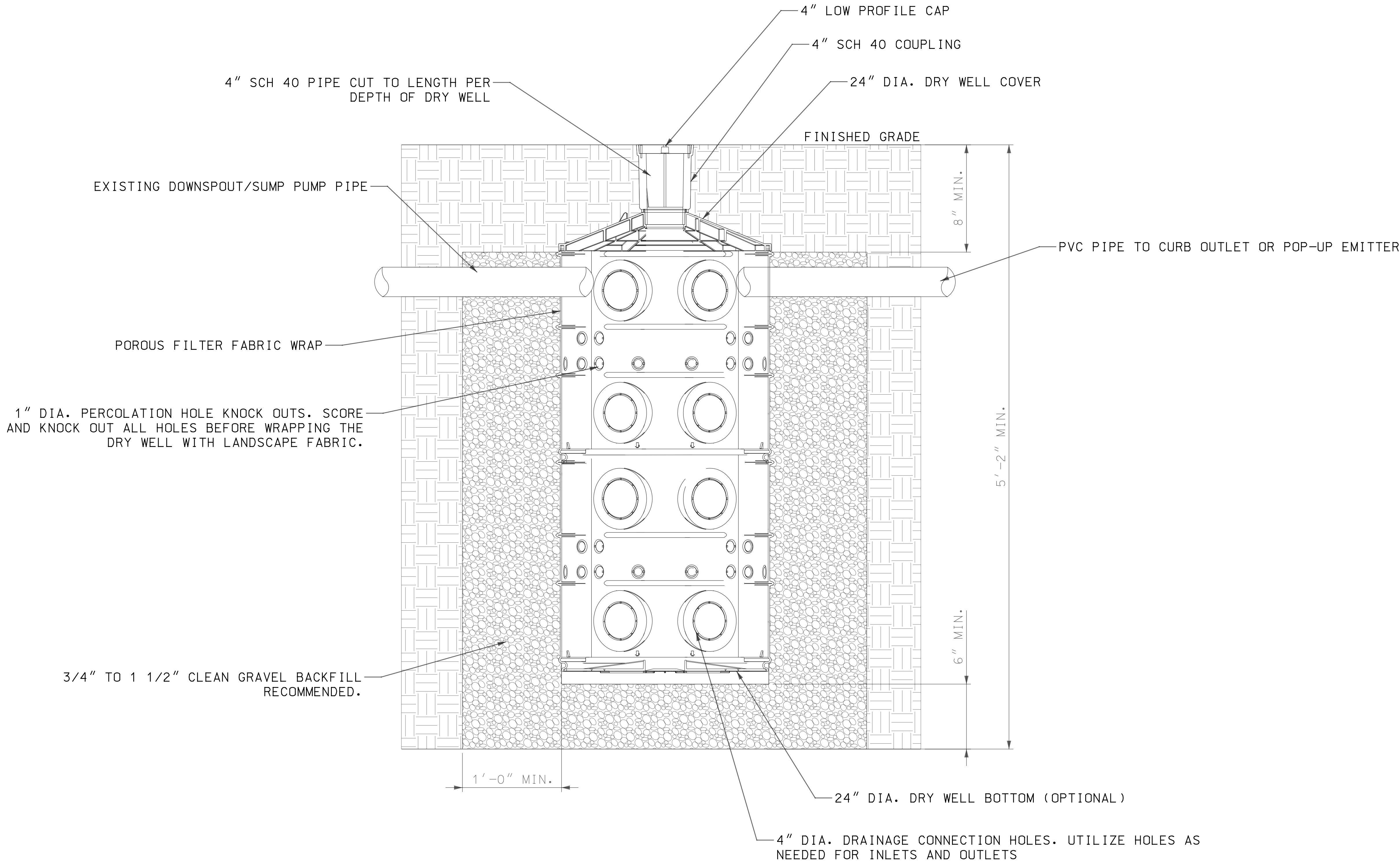
REV	DATE	BY	DESCRIPTION

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

CITY OF GLENDALE, MO
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
5/18/2026
SHEET
57 OF 102

DRY WELL INSTALLATION DETAIL



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



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.

REVISONS		DESCRIPTION	
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

CITY OF GLENDALE, MO
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	5/18/2026
SHEET	58 OF 102



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.

REVISONS		DESCRIPTION	
REV	DATE	BY	



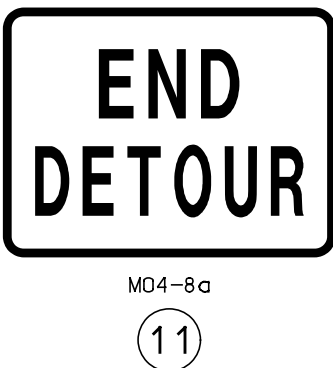
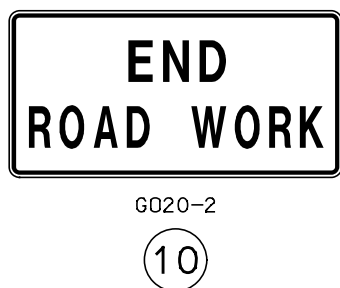
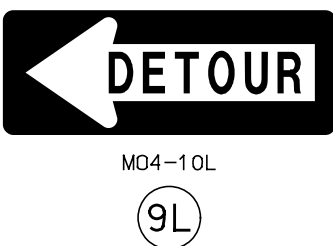
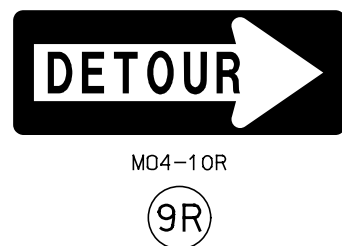
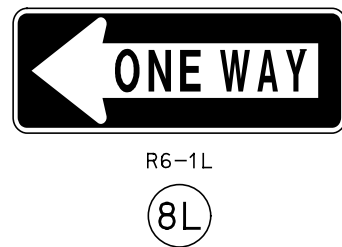
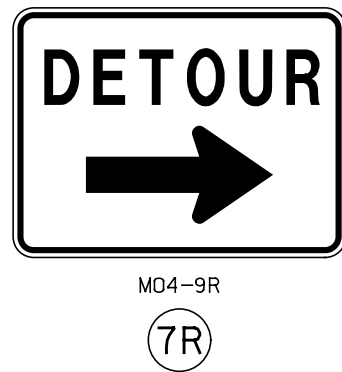
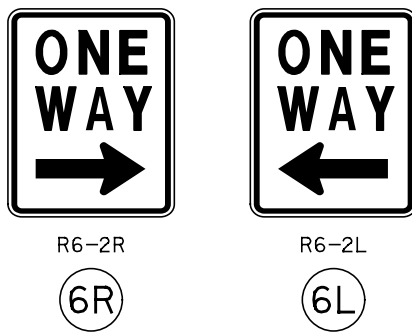
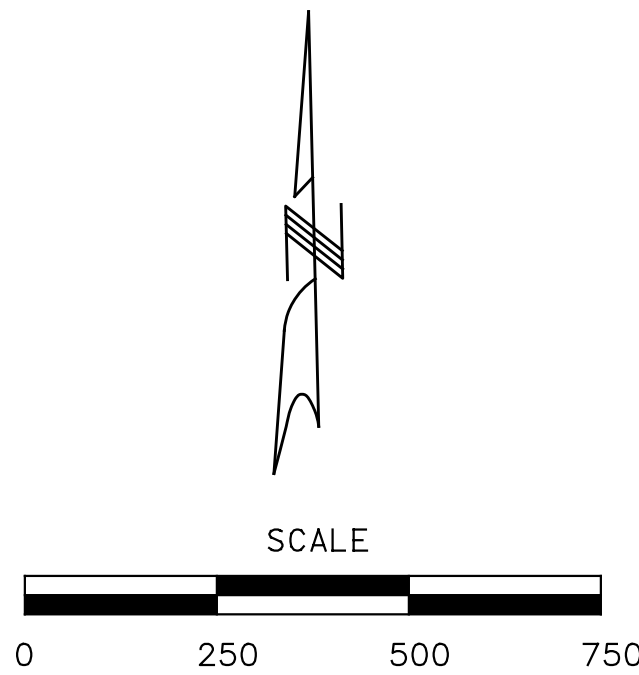
399 S SPRING AVENUE, SUITE 208 B
SAINT LOUIS, MISSOURI 63110
P (314) 621-3395 F (314) 621-3288
WWW.LOCHGROUP.COM
MISSOURI STATE ENGINEERING CORPORATION
CERTIFICATE/LICENSE NO. 2002011852

CITY OF GLENDALE, MO
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 5/18/2026
SHEET 59 OF 102

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





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

CITY OF GLENDALE, MO
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 5/18/2026
SHEET 60 OF 102

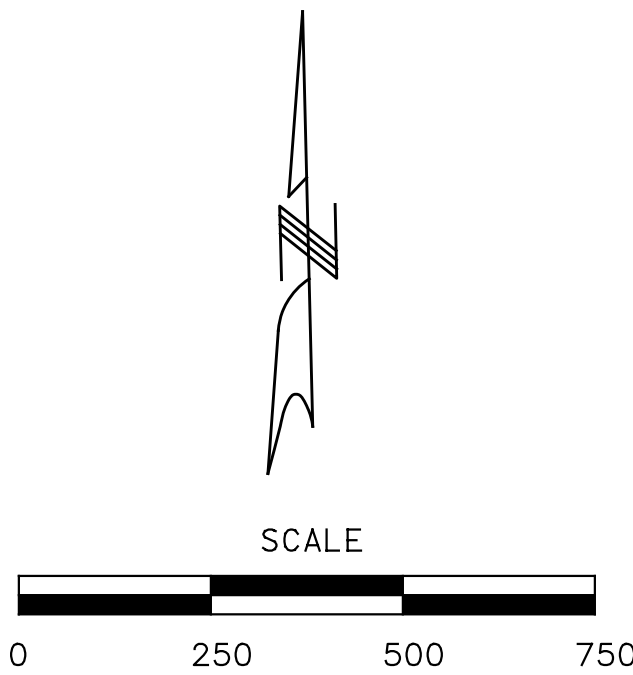
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED. LOCHMUELLER PROJECT NO. 522-0044



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



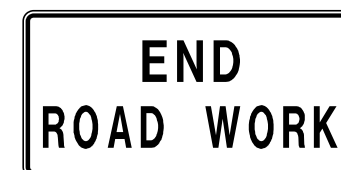
R6-1R
8R



M04-10R
9R



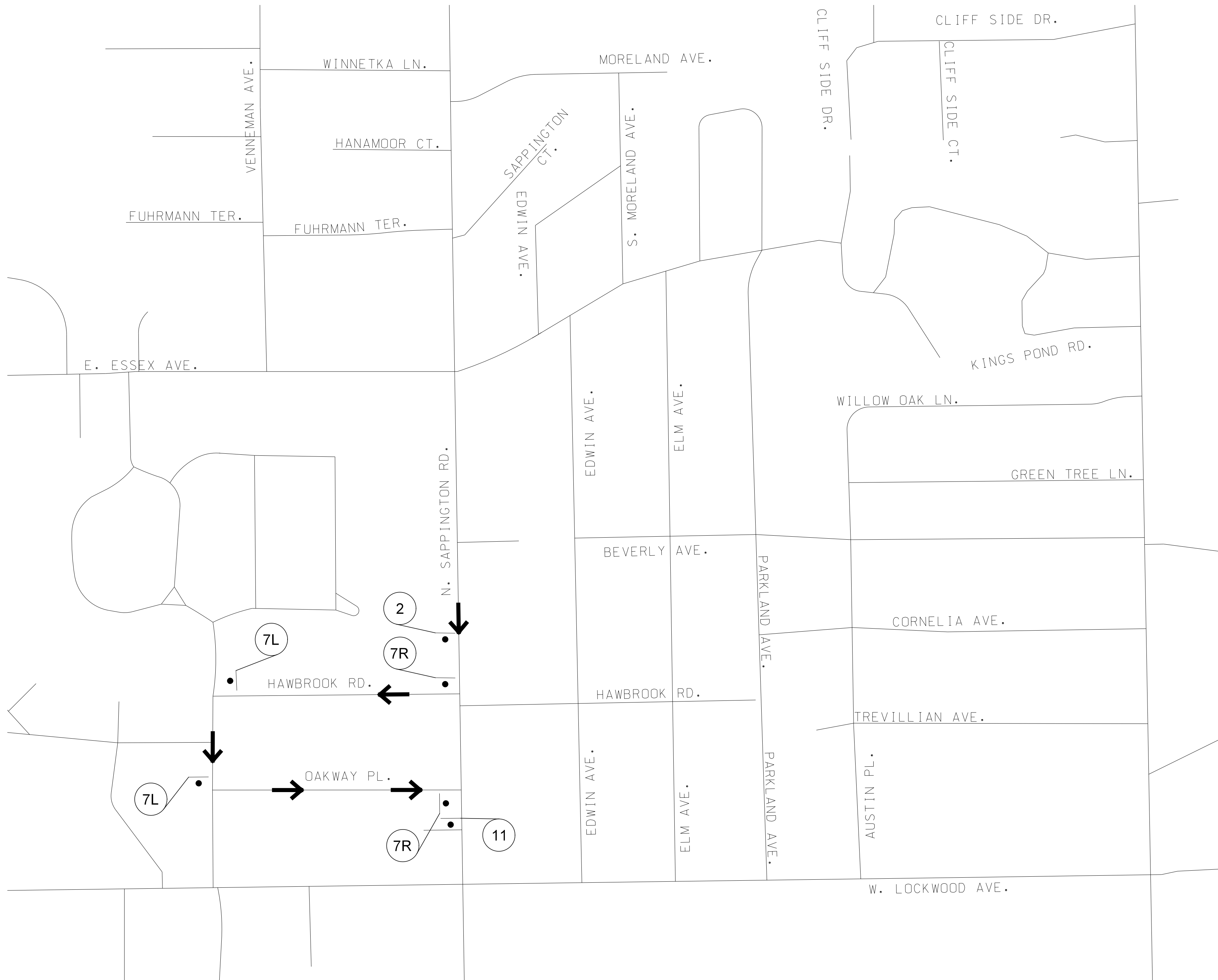
M04-10L
9L



G020-2
10



M04-8a
11



SB SAPPINGTON @ HAWBROOK



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.

REVISONS		DESCRIPTION	
REV	DATE	BY	



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

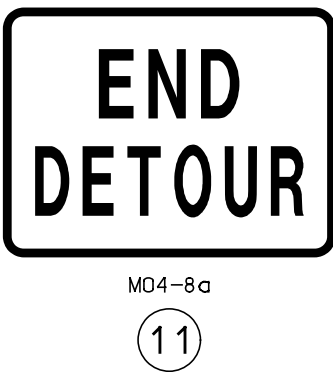
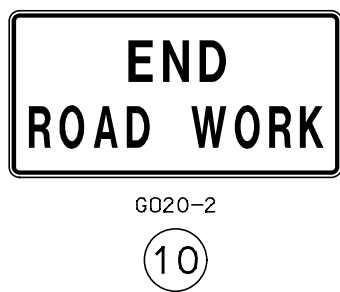
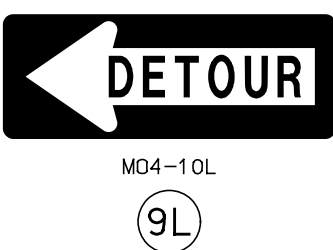
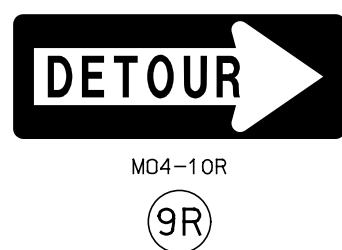
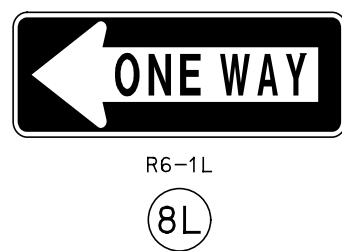
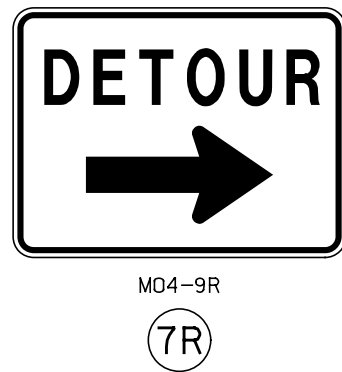
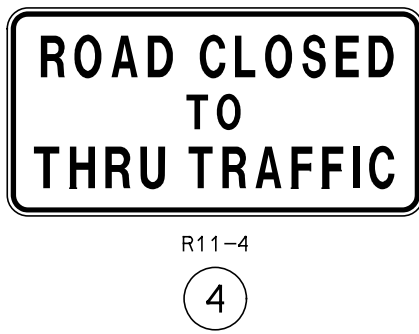
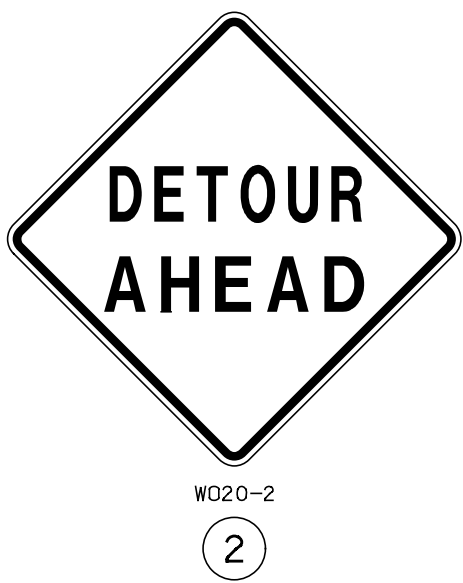
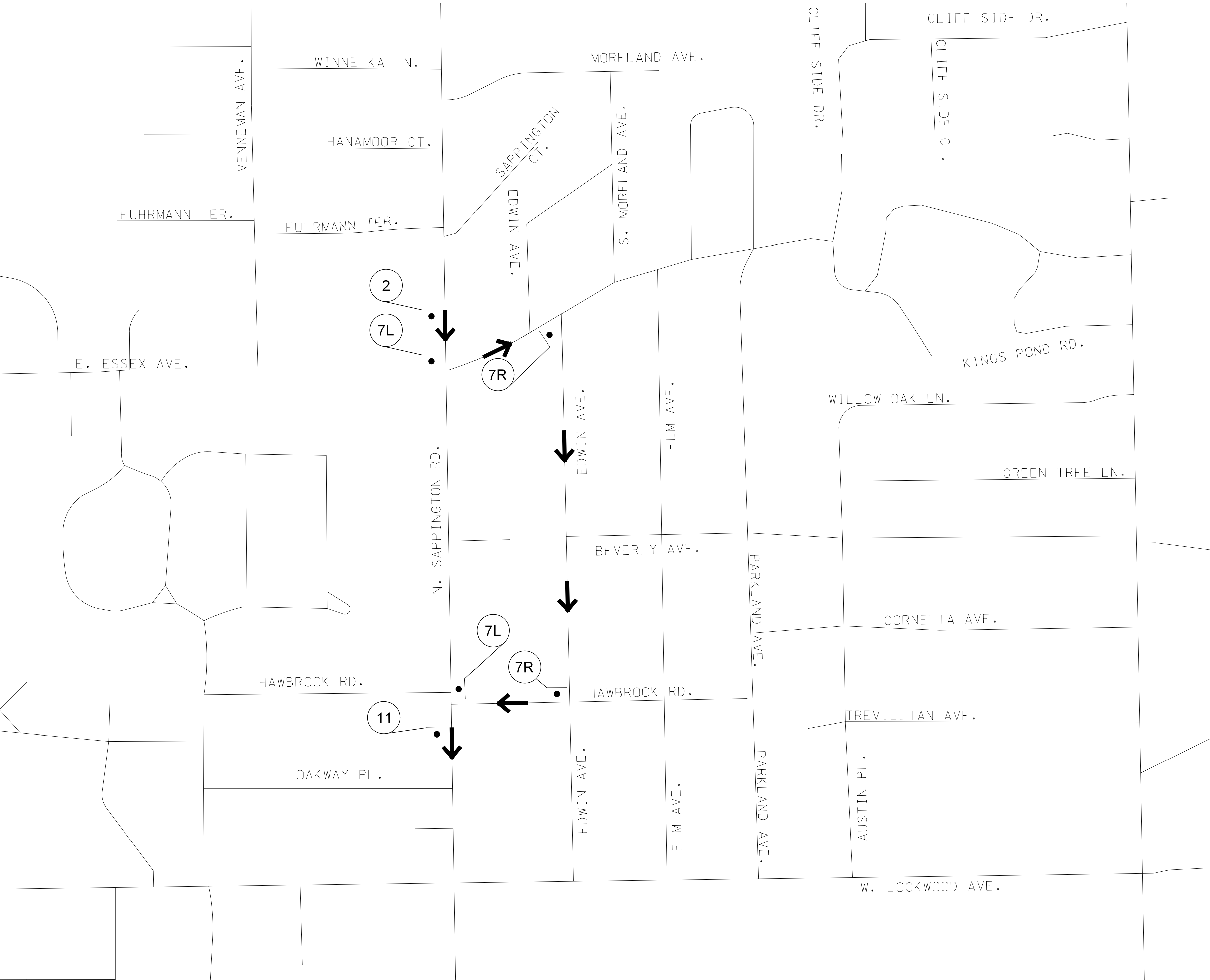
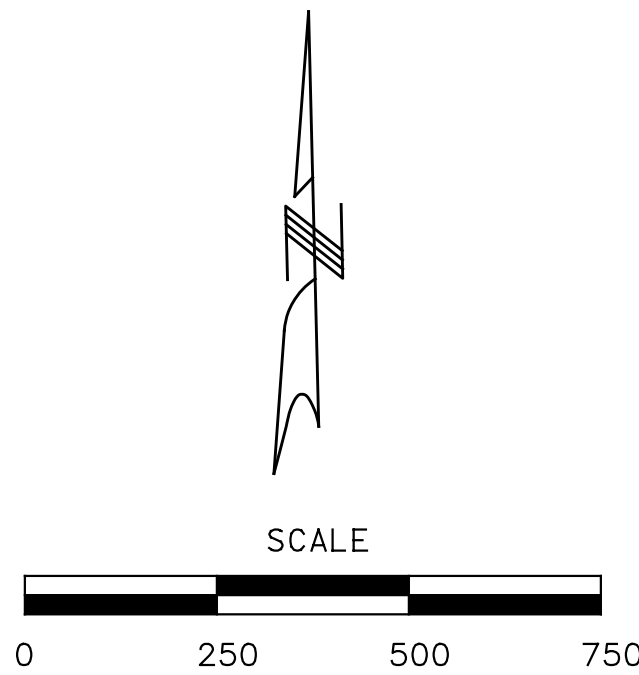
CITY OF GLENDALE, MO
NORTH SAPPINGTON
ROAD PRESERVATION

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 5/18/2026
SHEET 61 OF 102

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

SB SAPPINGTON @ SOUTH SIDE OF ESSEX





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.

REVISONS		DESCRIPTION	
REV	DATE	BY	

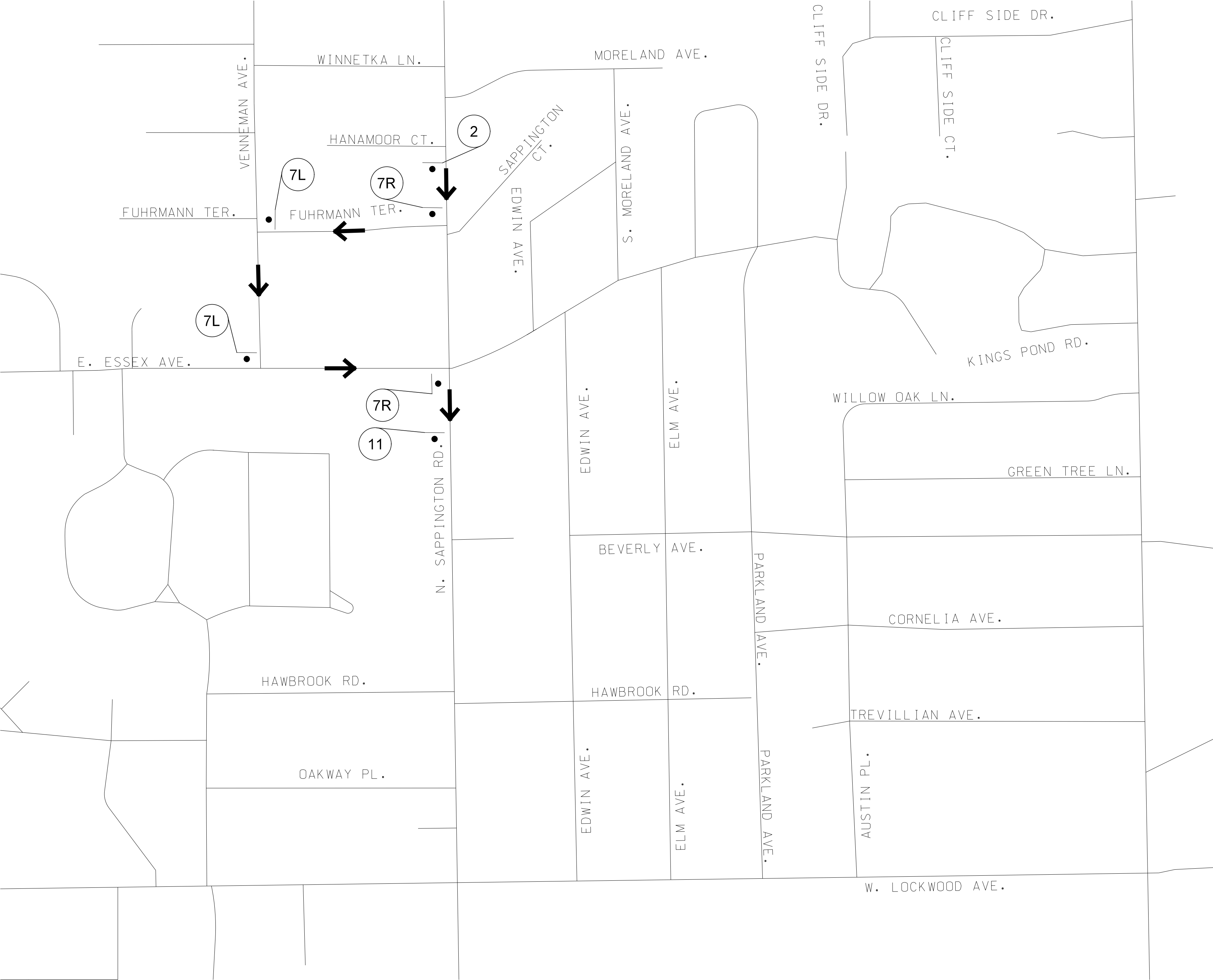
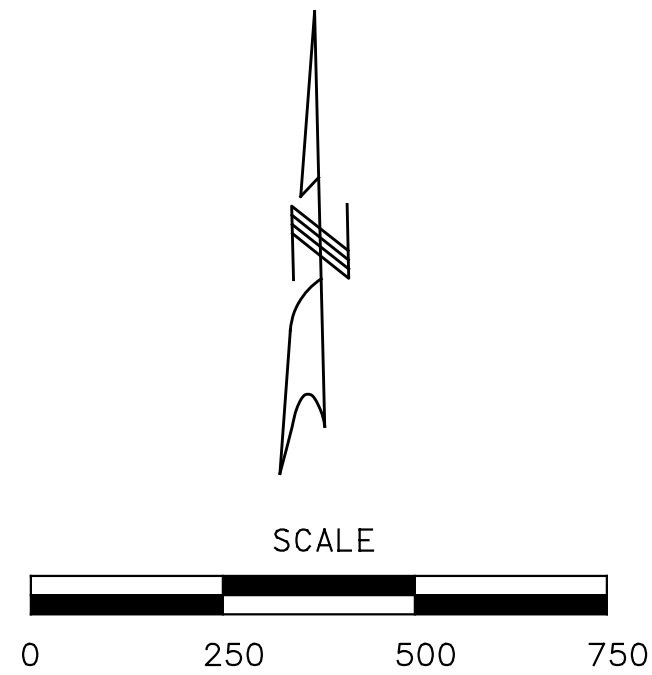
LOCHMUELLER GROUP
399 S SPRING AVENUE, SUITE 208 B
SAINT LOUIS, MISSOURI 63110
P (314) 621-3395 F (314) 621-3288
WWW.LOCHGROUP.COM
MISSOURI STATE ENGINEERING CORPORATION
CERTIFICATE/LICENSE NO. 2002011852

CITY OF GLENDALE, MO
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 5/18/2026
SHEET 62 OF 102

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

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



W020-1
1



W020-2
2



W020-3
3



R11-4
4



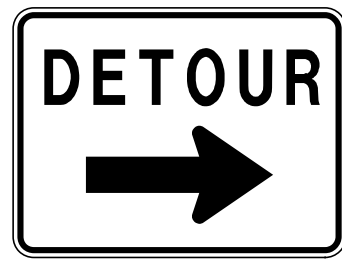
R11-2
5



R6-2R
6R



R6-2L
6L



M04-9R
7R



M04-9L
7L



R6-1L
8L



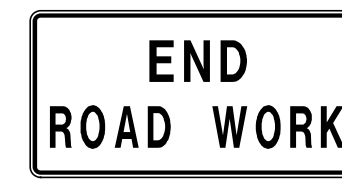
R6-1R
8R



M04-10R
9R



M04-10L
9L



G020-2
10



M04-8a
11



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		REVISIONS	
REV	DATE	BY	DESCRIPTION



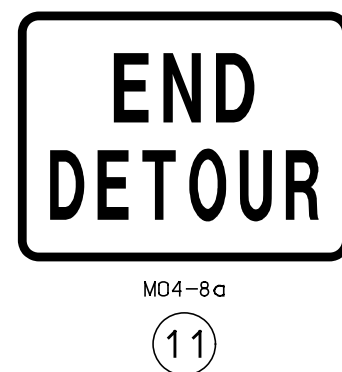
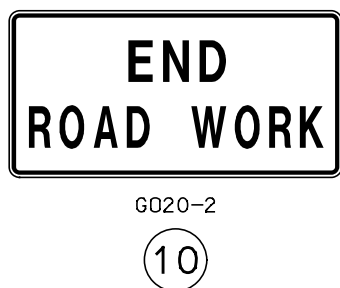
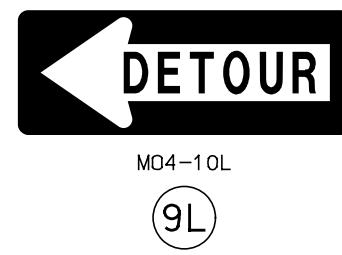
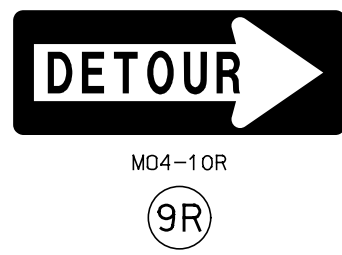
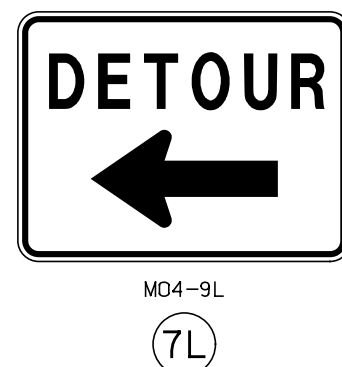
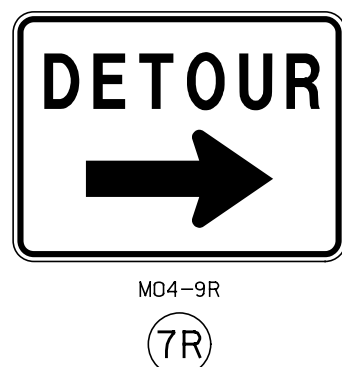
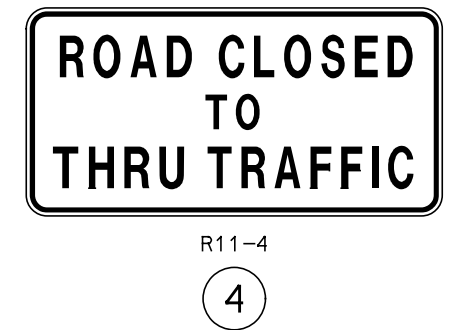
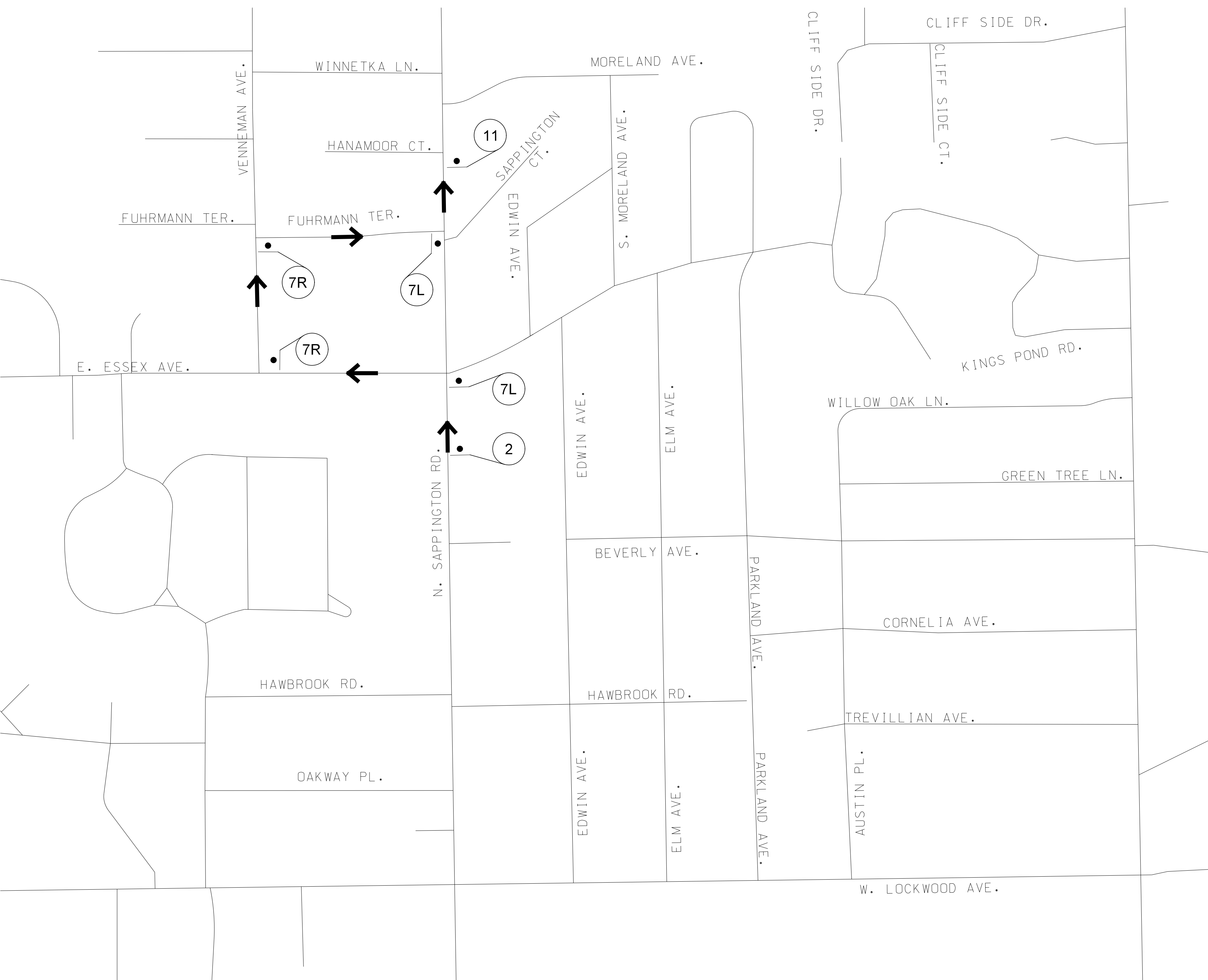
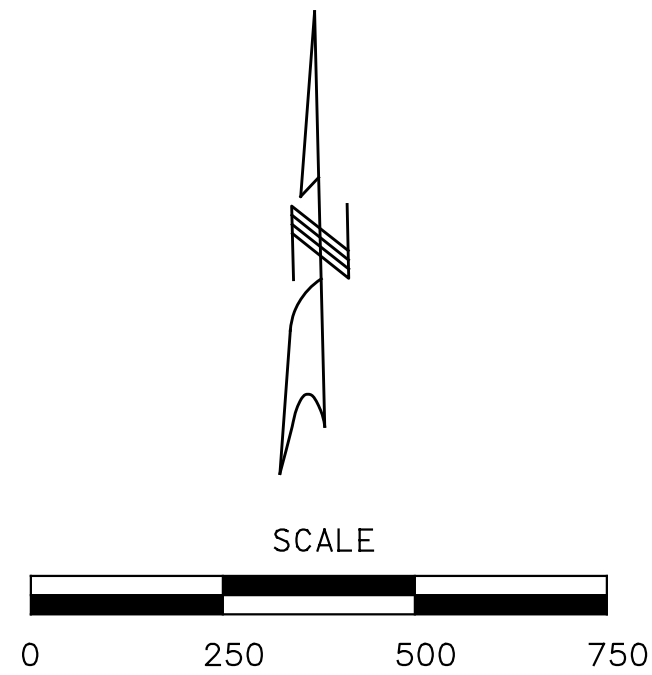
LOCHMUELLER GROUP
399 S SPRING AVENUE, SUITE 208 B
SAINT LOUIS, MISSOURI 63110
P (314) 621-3395 F (314) 621-3288
WWW.LOCHGROUP.COM
MISSOURI STATE ENGINEERING CORPORATION
CERTIFICATE/LICENSE NO. 2002011852

CITY OF GLENDALE, MO
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 5/18/2026
SHEET 63 OF 102

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





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



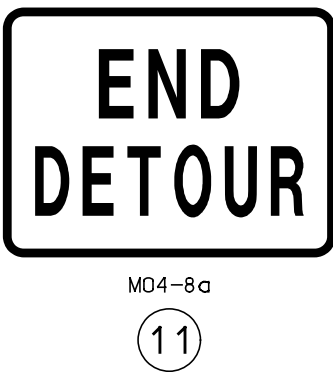
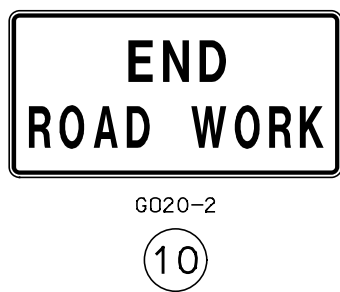
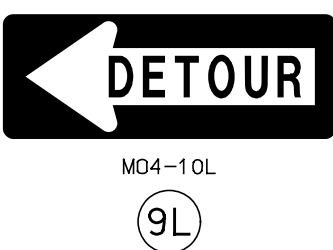
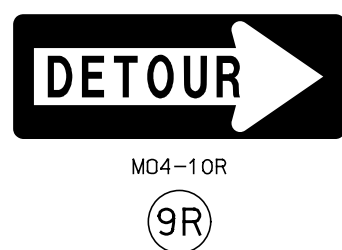
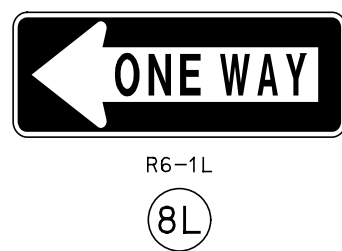
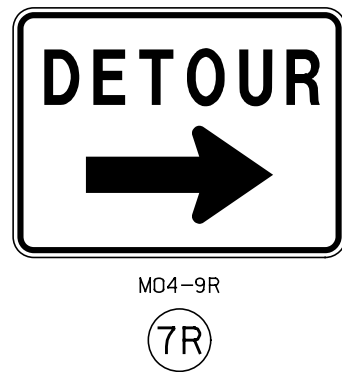
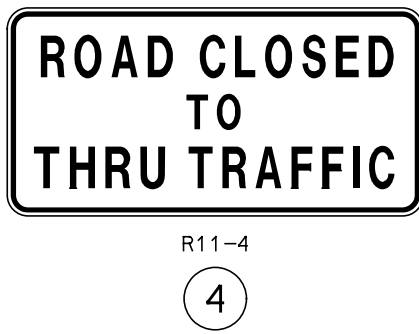
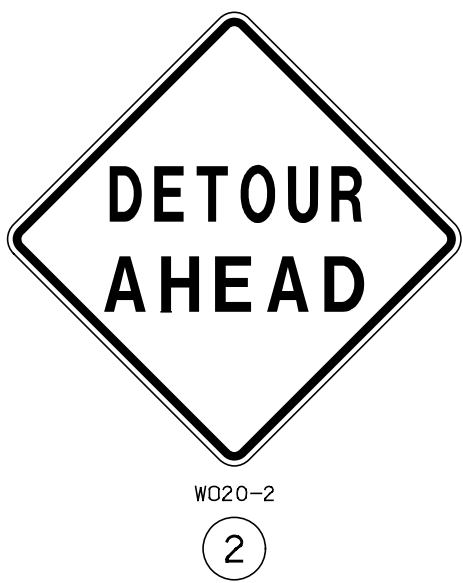
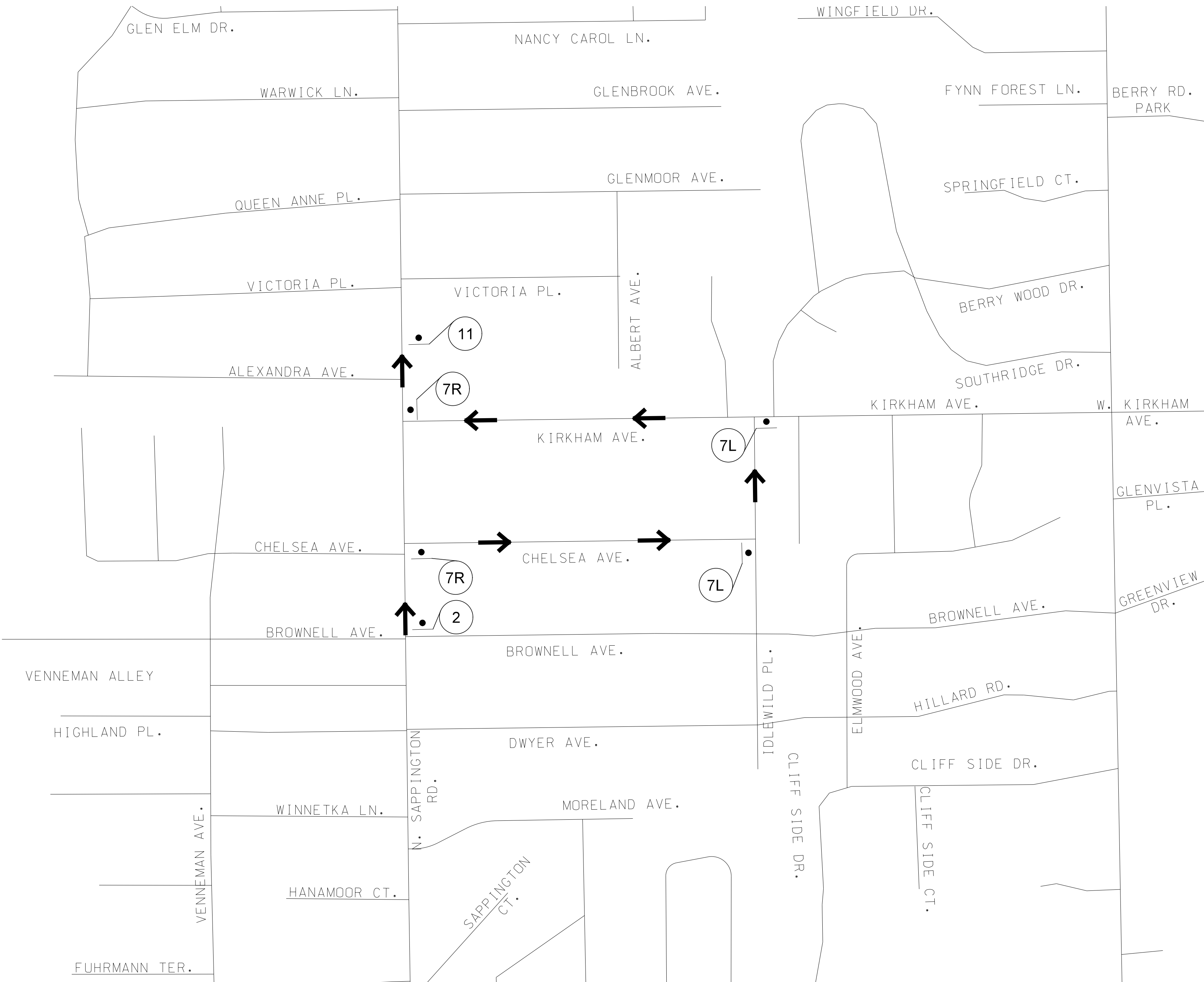
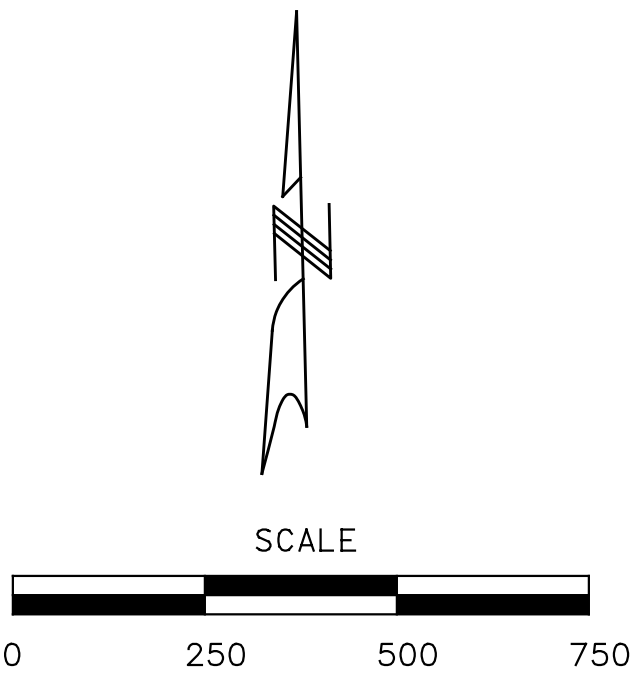
LOCHMUELLER GROUP
399 S SPRING AVENUE, SUITE 208 B
SAINT LOUIS, MISSOURI 63110
P (314) 621-3395 F (314) 621-3288
WWW.LOCHGROUP.COM
MISSOURI STATE ENGINEERING CORPORATION
CERTIFICATE/LICENSE NO. 2002011852

CITY OF GLENDALE, MO
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 5/18/2026
SHEET 64 OF 102

NB SAPPINGTON @ NORTH GLENDALE ELEMENTARY





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



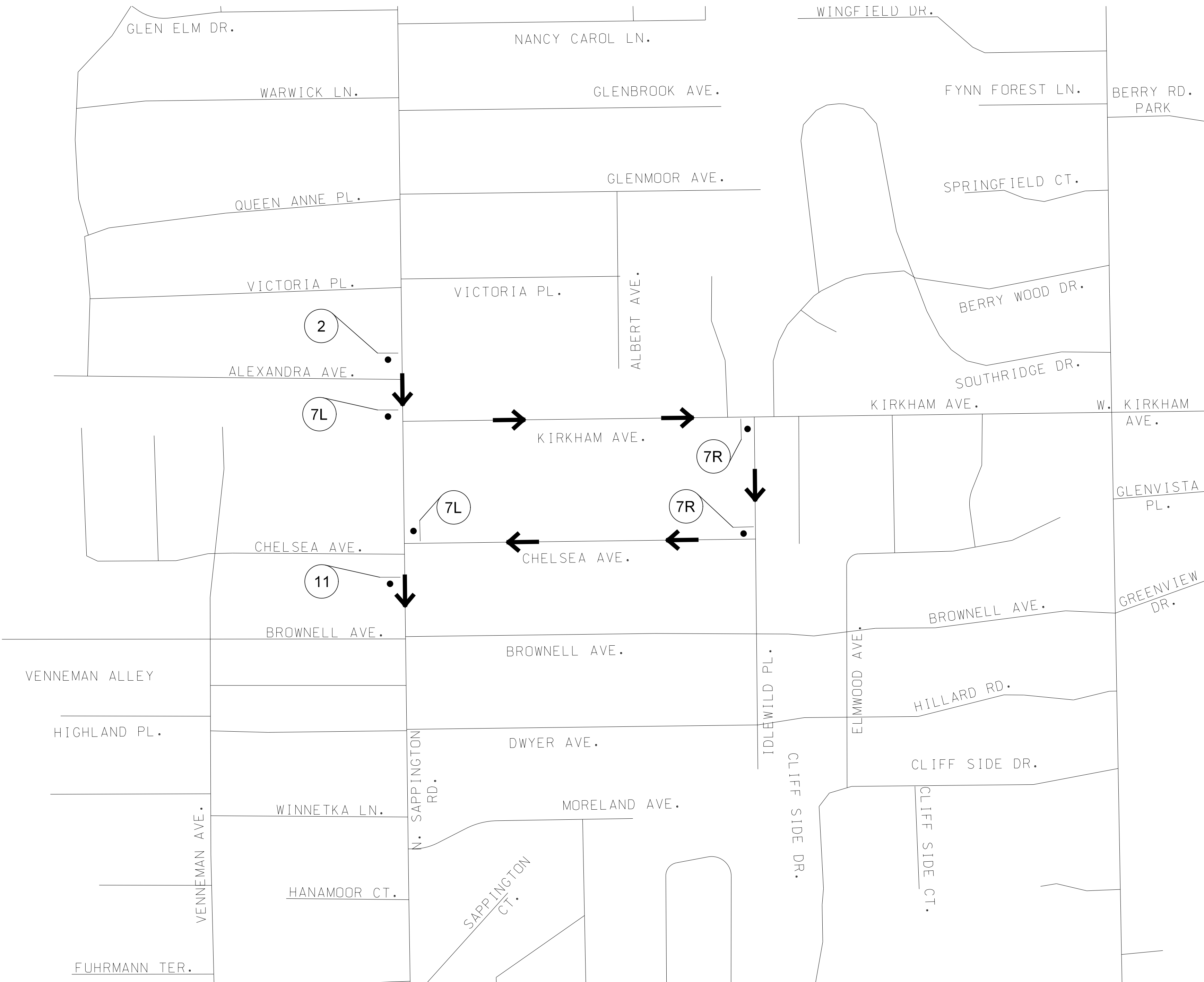
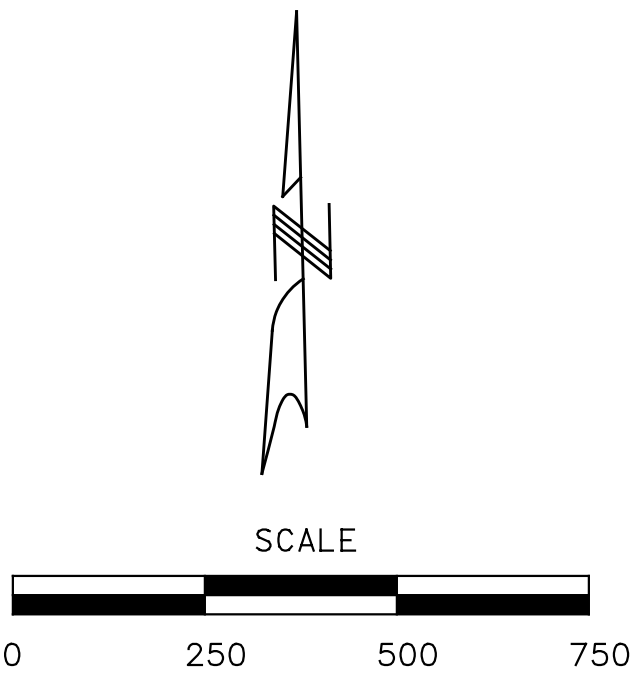
LOCHMUELLER GROUP
399 S SPRING AVENUE, SUITE 208 B
SAINT LOUIS, MISSOURI 63110
P (314) 621-3395 F (314) 621-3288
WWW.LOCHGROUP.COM
MISSOURI STATE ENGINEERING CORPORATION
CERTIFICATE/LICENSE NO. 2002011852

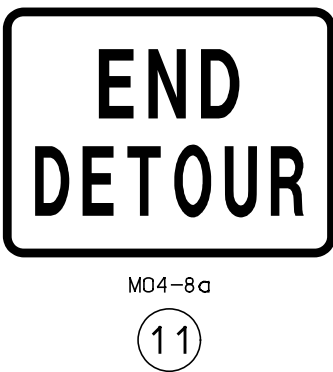
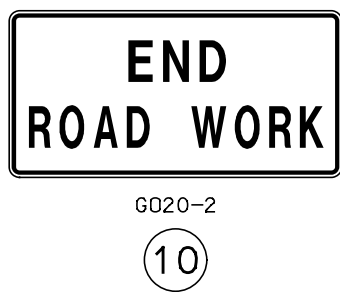
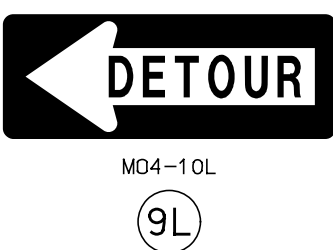
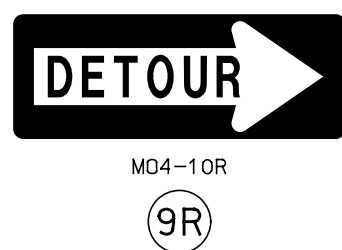
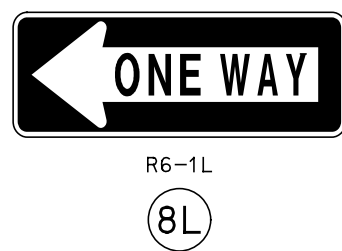
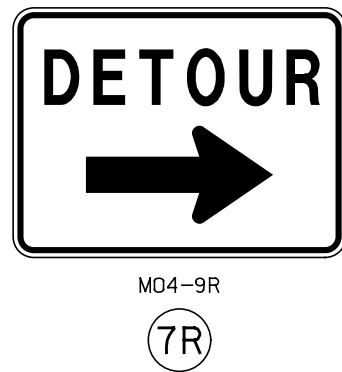
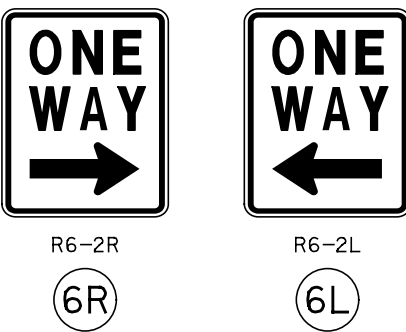
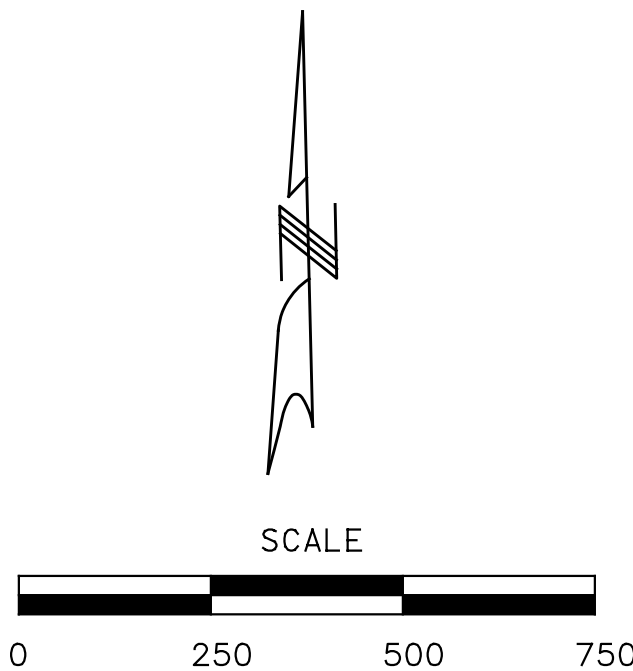
CITY OF GLENDALE, MO
NORTH SAPPINGTON
ROAD PRESERVATION

TRAFFIC CONTROL PLANS
DETOUR MAP 7 OF 9

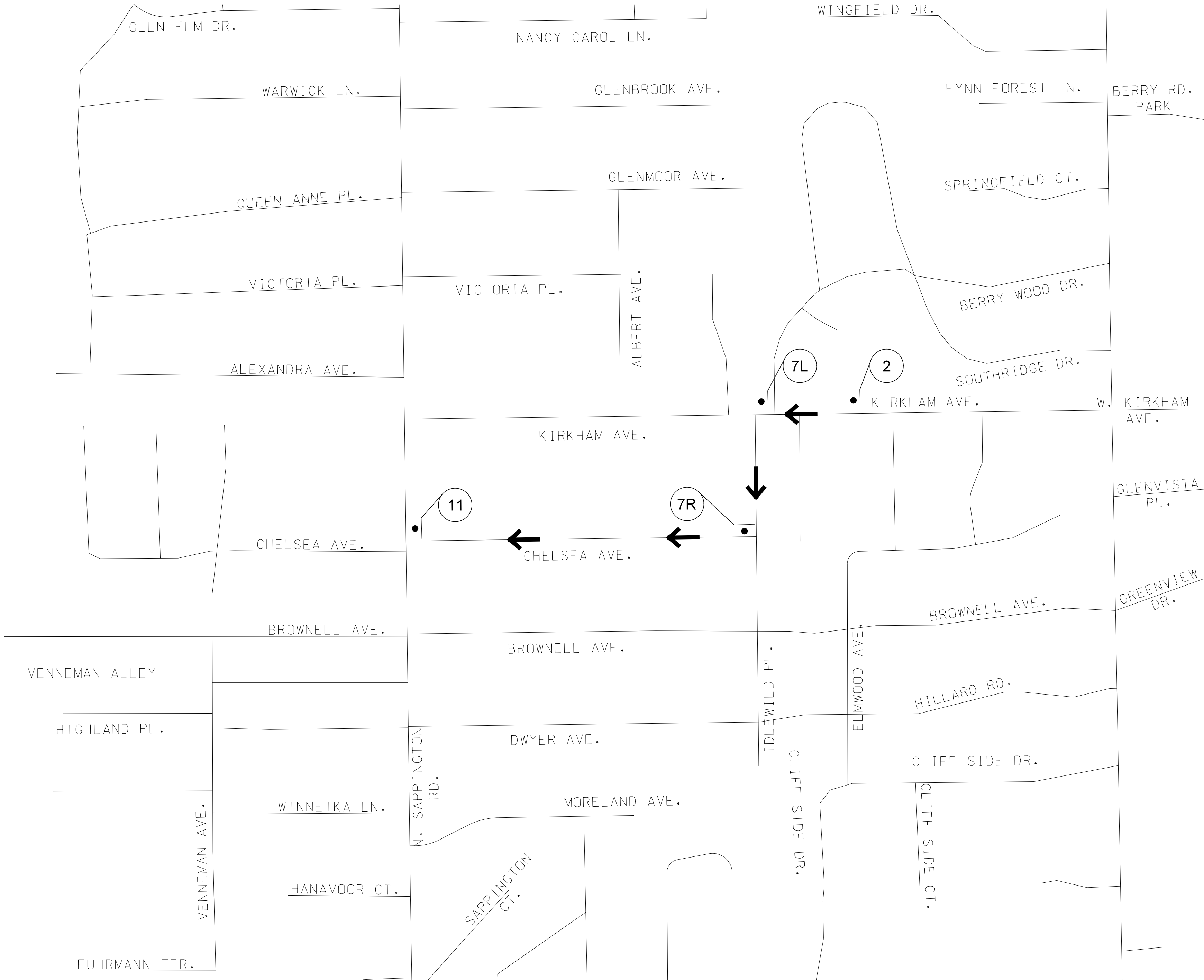
PROJECT/JOB NO. STP-5568(604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 5/18/2026
SHEET 65 OF 102

SB SAPPINGTON @ NORTH GLENDALE ELEMENTARY





WB KIRKHAM TO SAPPINGTON



DISCLAIMER OF RESPONSIBILITY

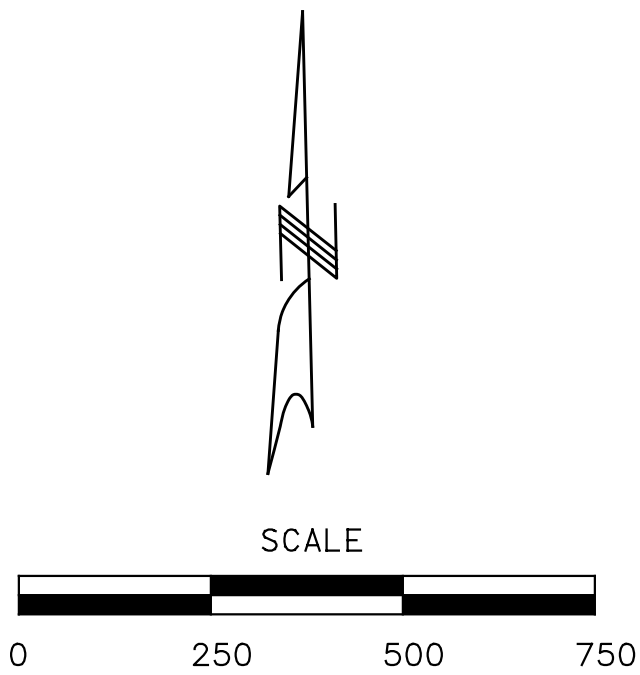
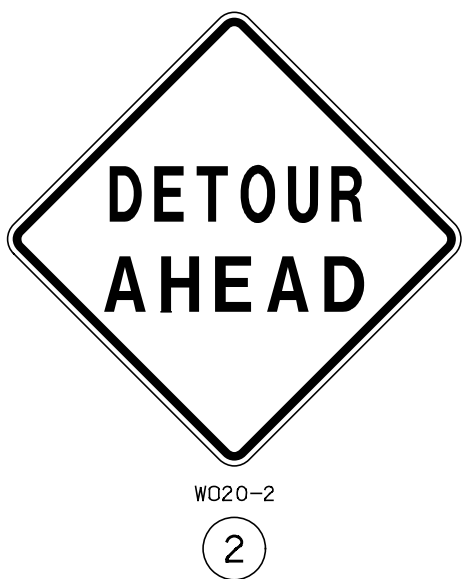
I hereby specify that the documents intended to be authorized by my seal are limited to this sheet, and I hereby disclaim any responsibility for all other Drawings, Specifications, Estimates, Reports or other documents or instruments relating to or intended to be used for any part of the engineering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

REV		DATE	BY	DESCRIPTION	

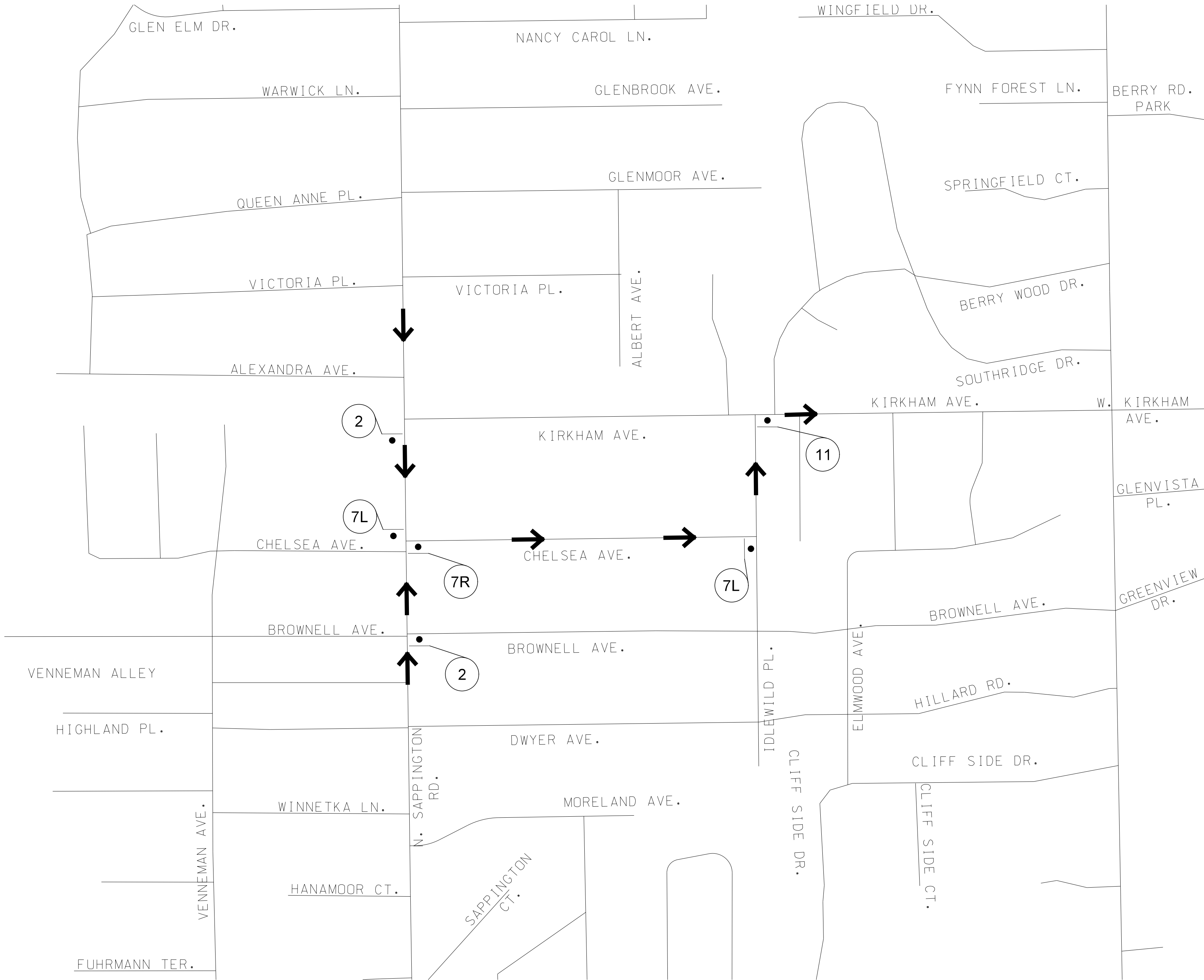
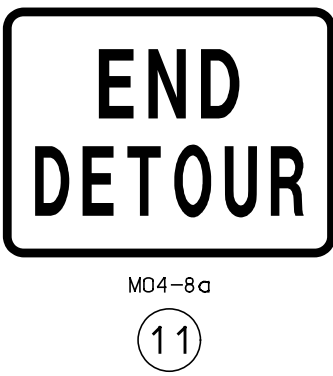
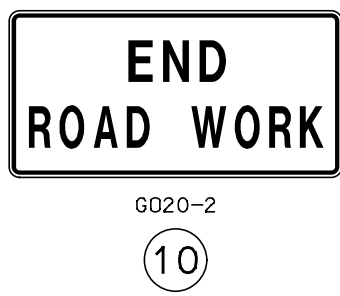
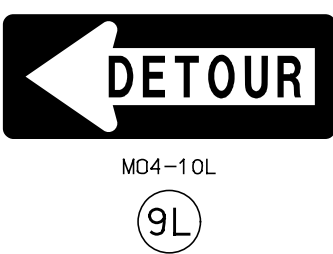
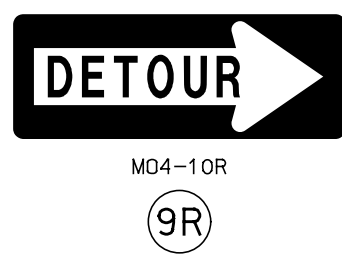
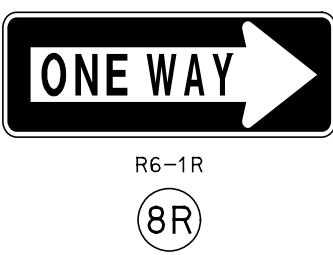
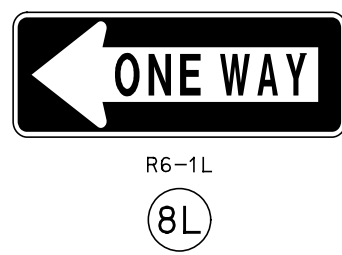
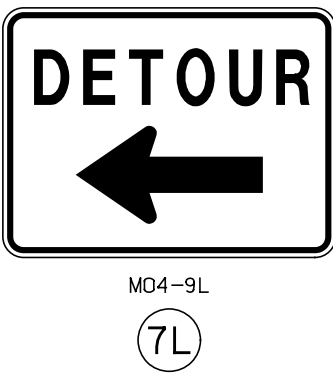
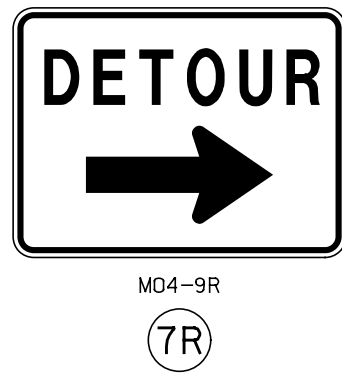
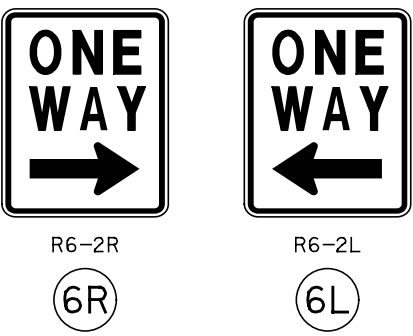
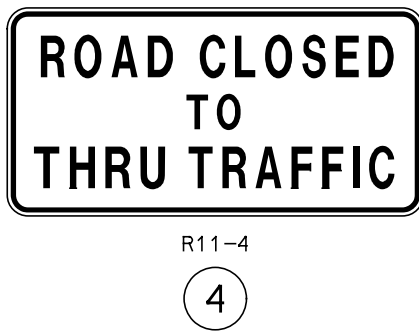
LOCHMUELLER GROUP
399 S SPRING AVENUE, SUITE 208 B
SAINT LOUIS, MISSOURI 63110
P (314) 621-3395 F (314) 621-3288
WWW.LOCHGROUP.COM
MISSOURI STATE ENGINEERING CORPORATION
CERTIFICATE/LICENSE NO. 2002011852

CITY OF GLENDALE, MO
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
DATE PREPARED	5/18/2026
SHEET	66 OF 102



SAPPINGTON TO EB KIRKHAM



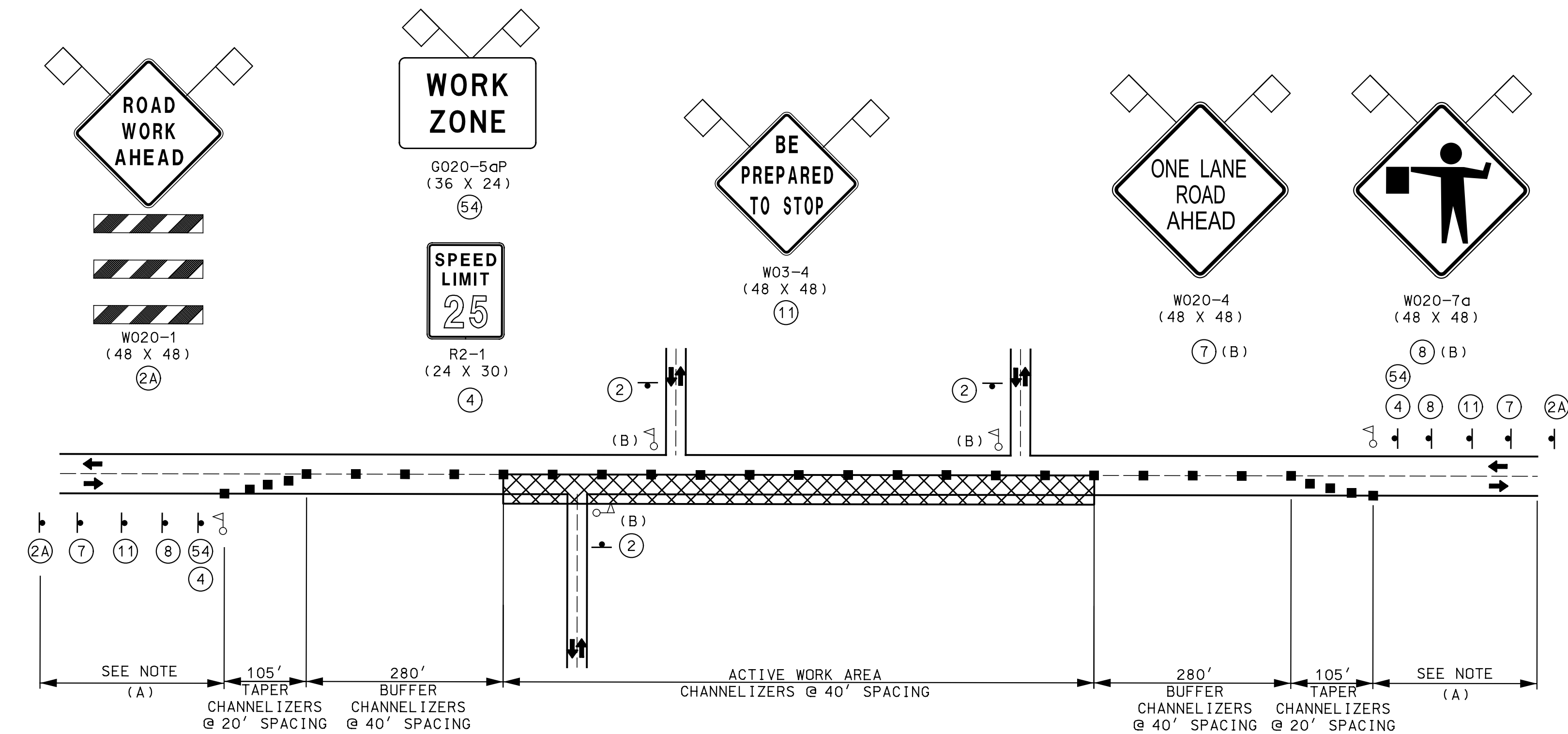
DISCLAIMER OF RESPONSIBILITY
I hereby specify that the documents intended to be authorized by my seal are limited to this sheet, and I hereby disclaim any responsibility for all other Drawings, Specifications, Estimates, Reports or other documents or instruments relating to or intended to be used for 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
P (314) 621-3395 F (314) 621-3288
WWW.LOCHGROUP.COM
MISSOURI STATE ENGINEERING CORPORATION
CERTIFICATE/LICENSE NO. 2002011852

CITY OF GLENDALE, MO
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	5/18/2026
SHEET	67 OF 102



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

TYPICAL FLAGGER CONTROL ONE LANE / TWO-WAY OPERATION

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.	
SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.	
SPEED MPH (S)	NON-DIVIDED HIGHWAYS
UP TO 35	200 FT

TRAFFIC CONTROL LEGEND

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

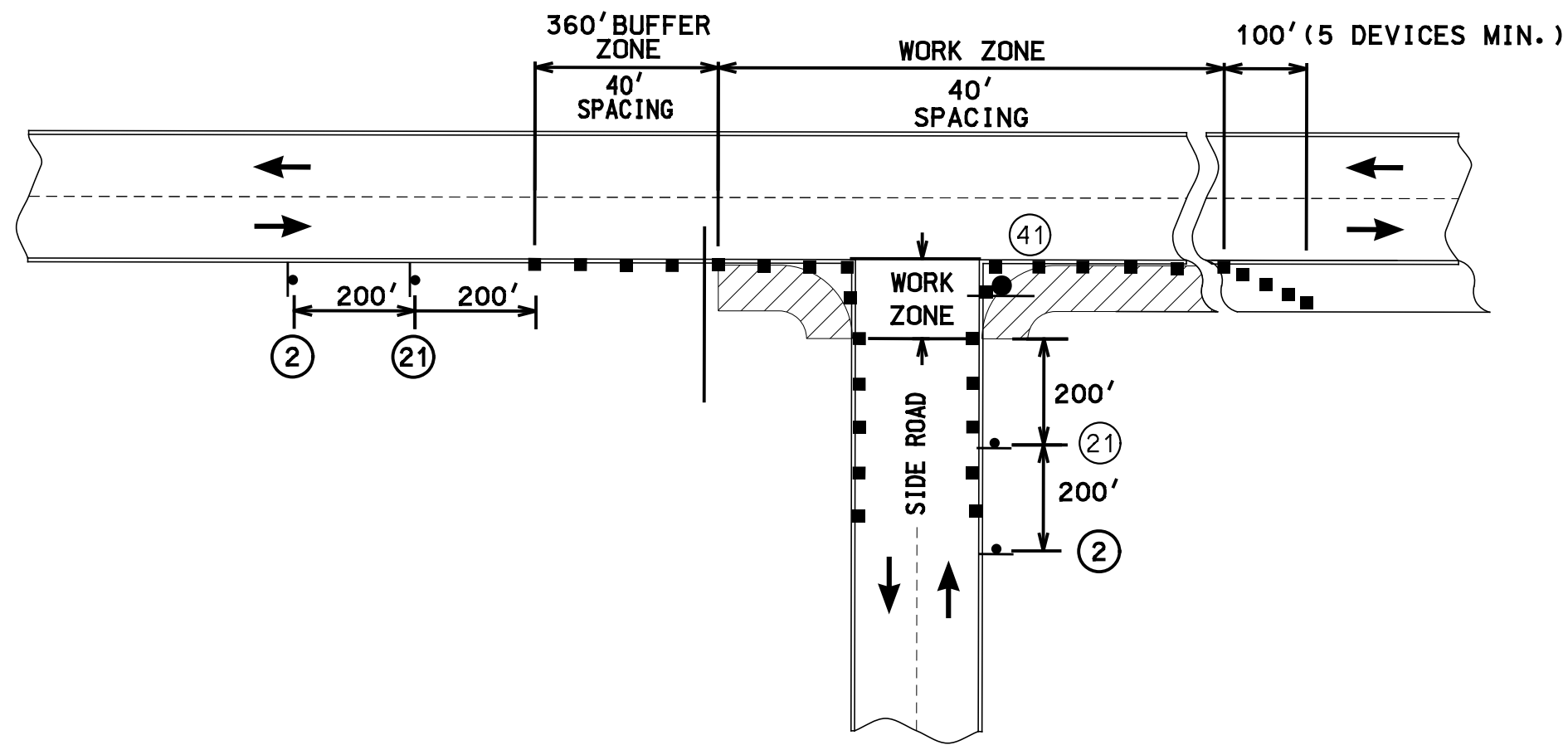
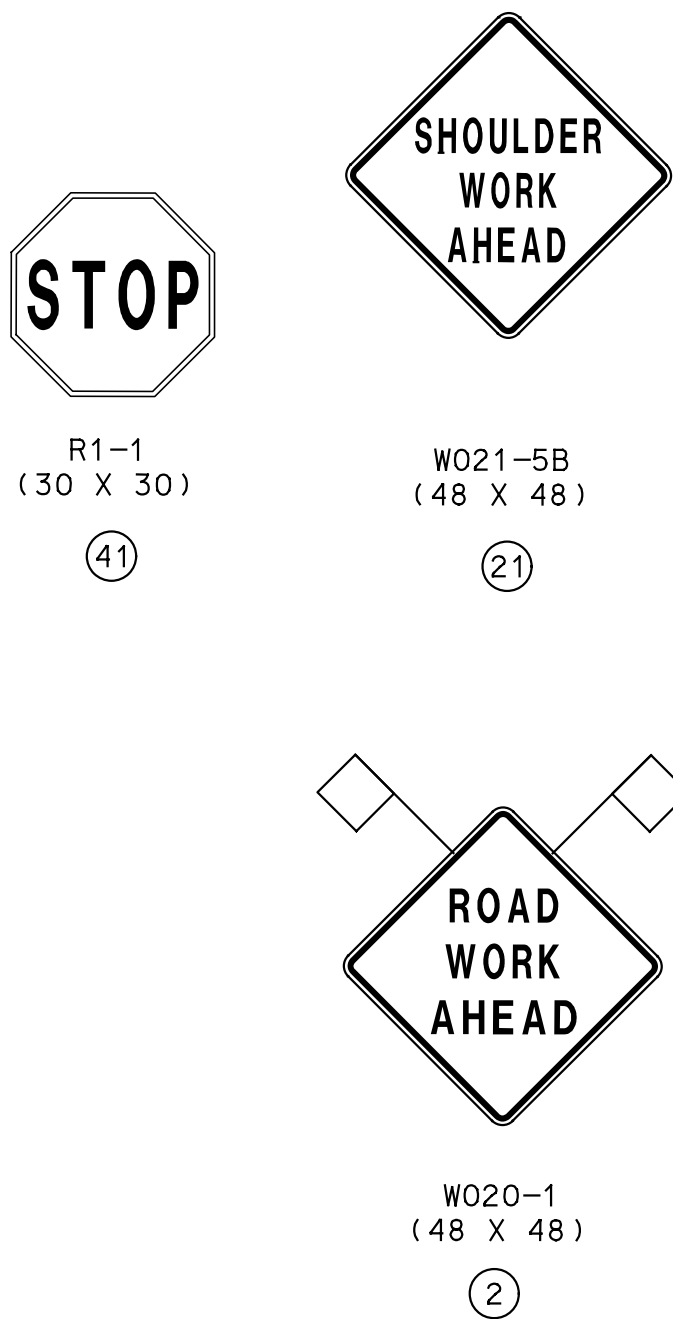
DURING CONSTRUCTION N SAPPINGTON ROAD MAY BE LIMITED TO ONE LANE FOR USE BY LOCAL TRAFFIC. A MINIMUM OF ONE ACTIVE THROUGH LANE SHALL BE KEPT OPEN TO TRAFFIC AT ALL TIMES. IF ANY LANE OF ANY STREET MUST BE CLOSED AT ANY TIME DUE TO CONSTRUCTION, IT SHALL BE APPROVED ONLY FOR SHORT DURATIONS, DURING NON-PEAK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



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.

REVISIONS		DESCRIPTION
REV	DATE	BY
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

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

CITY OF GLENDALE, MO
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 5/18/2026
SHEET 68 OF 102

LEGEND

SYMBOLS USED ON TRAFFIC CONTROL PLANS

LANE USAGE

CHANNELIZERS

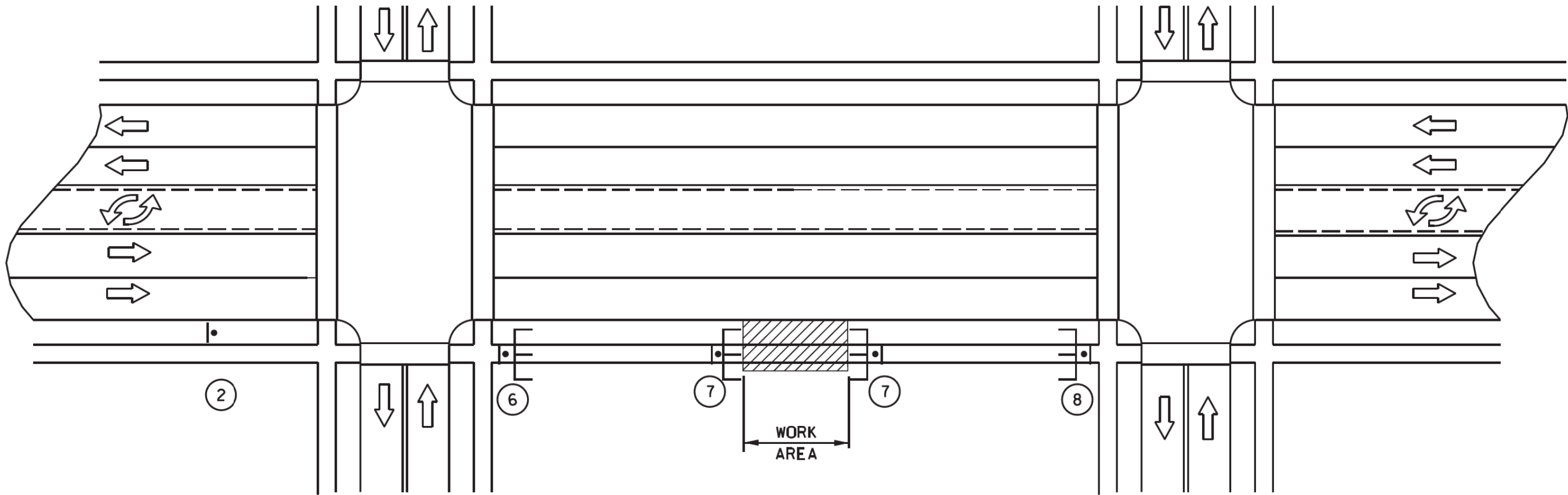
SIGN

FLAGGER

WORK ZONE

FLASHING ARROW PANEL

TYPE III MOVEABLE BARRICADE



SIDEWALK CLOSURE AND DETOUR

W020-1
2

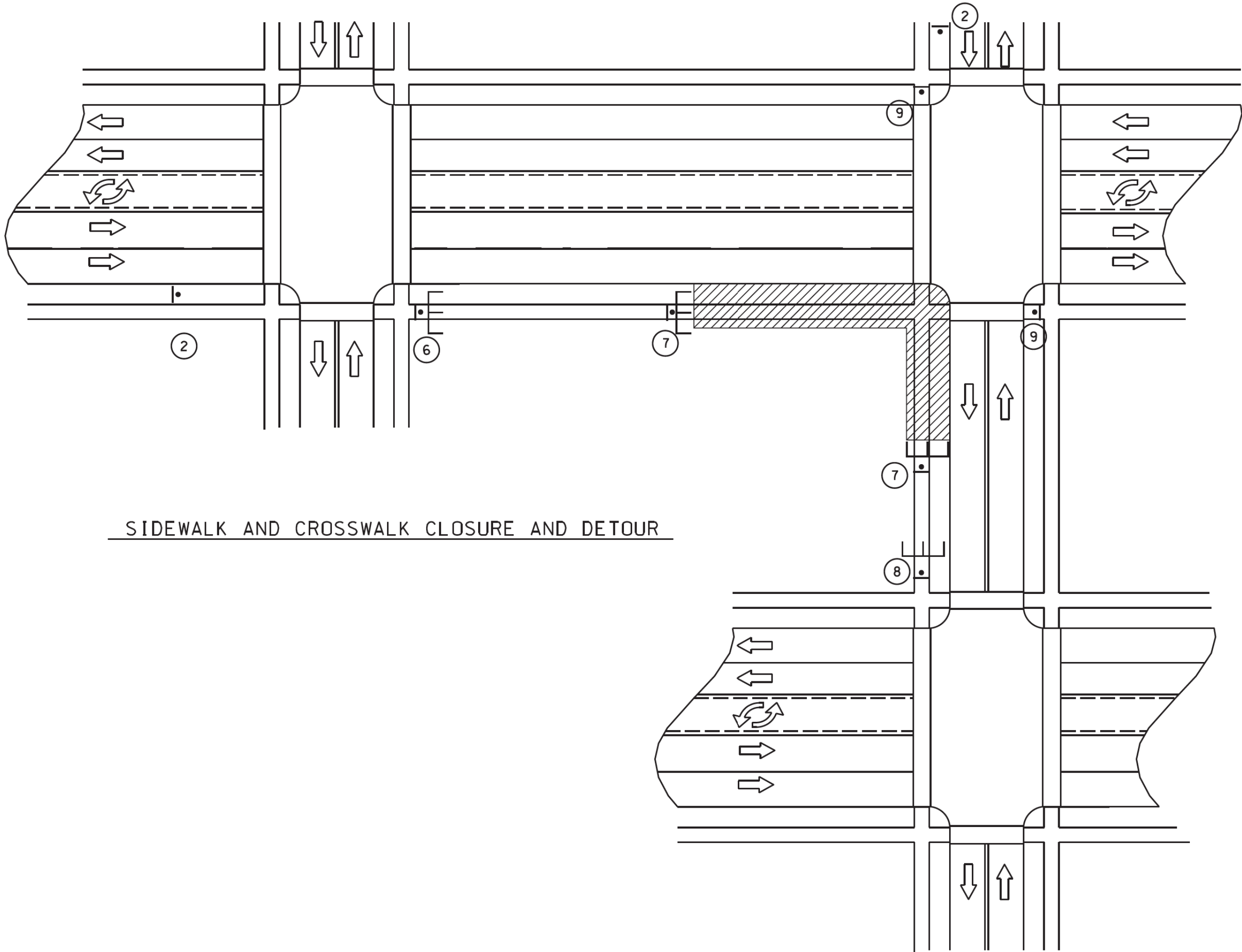
R9-11aL
6

R9-9
7

R9-11aR
8

R9-10
9

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



SIDEWALK AND CROSSWALK CLOSURE AND DETOUR



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.

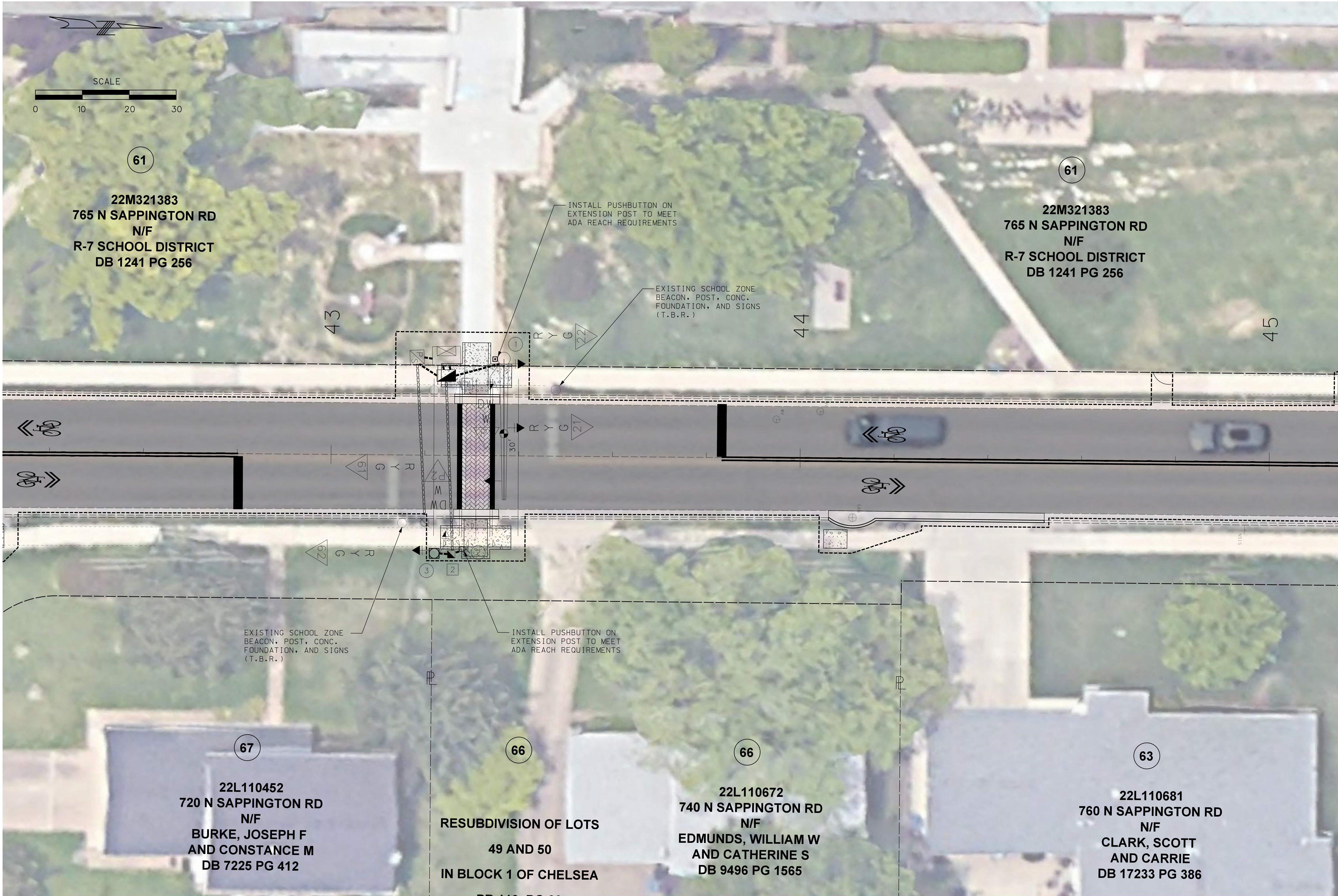
REVISONS		DESCRIPTION	
REV	DATE	BY	DESCRIPTION

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

CITY OF GLENDALE, MO
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	5/18/2026
SHEET	69 OF 102



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.

REVISIONS			DESCRIPTION
REV	DATE	BY	

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

CITY OF GLENDALE, MO
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	5/18/2026
SHEET	70 OF 102

[illegible][illegible]

LEGEND
T - TOP MOUNT
S - SIDE MOUNT
C - SPAN WIRE MOUNT
B - MAST ARM MOUNT

[illegible]

POWER SUPPLY												
LOCATION			POWER SUPPLY ASSEMBLY		CIRCUIT BREAKER TRIP RATING*				LIGHTING CONTROL * (ON POWER SUPPLY)		SERVICE POLE	
APPROACH	STATION	OFFSET	PAD MOUNTED 120/240V POWER SUPPLY	CONTROLLER		POWER SUPPLY DISCONNECT		120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY	
				AUXILIARY BREAKER	AUXILIARY BREAKER	MAIN BREAKER						
						SIGNALS	LIGHTING					
SAPPINGTON RD	43+18.3	20.8' LT	TYPE II	1 (5)	15 Amps	40 Amps	100 Amps	Amps	1 (5)	30 Amps	CL	FL
					Amps	Amps	Amps	Amps		Amps	CL	FL

		NEMA DETECTOR ASSIGNMENT							
		CARD POSITION							
		1	2	3	4	5	6	7	8
C H A N N E	1								
	2								

[illegible]

NEMA LOAD SWITCH ASSIGNMENTS											
1	2	3	4	5	6	7	8	9	10	11	12
N/U	Ø2 SB	N/U	Ø4 DUMMY	N/U	Ø6 NB	N/U	N/U	N/U	4P PED XING	N/U	N/U

SIGNS					
QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	TOTAL AREA EACH SIGN	SIGNAL MOUNTING HARDWARE
		INCHES	SQ. FT.	ITEM NO. 9020833	ITEM NO. 9020834
2	R10-3ER	9X15	0.94	SQ. FT.	EA.
			SUBTOTAL	0.0	0.0
			TOTAL	0.0	0.0

DETECTOR SCHEDULE						
DETECTOR NUMBER	APPROACH	PUSH BUTTON (6)	TYPE			WIRELESS DETECTION
			INDUCTION LOOP			
			STANDARD	DELAY/ EXTEND *	CALL UNIT *	
P1		1				
P2		1				
TOTAL		2				

REMARKS

ALL LENGTHS AND SPACINGS ARE IN FEET UNLESS OTHERWISE INDICATED

*ITEMS FOR WHICH SEPERATE PAYMENT WILL NOT BE MADE.
 ** SEE STANDARD PLANS 902.10 AND 902.30 FOR CONCRETE REQUIREMENTS ON
 BASES.

(1) SIGNAL AND SIGN SPACING SHOWN IS APPROXIMATE. CONTRACTOR SHALL ADJUST AS NECESSARY.

(2) DIMENSION OF CONCRETE FOUNDATION: 12" DIA. X 30" DEPTH.

(3) EACH PROPOSED R10-3E SIGN SHALL BE INCLUDED IN THE COST OF THE RESPECTIVE ACCESSIBLE PEDESTRIAN SIGNAL (APS) UNIT. SIGNS SHALL BE MANUFACTURED TO BE COMPATIBLE WITH APS UNITS. THE R10-3E SIGNS SHALL INCLUDE BRAILLE LETTERING MEETING CURRENT PROWAG REQUIREMENTS.

(4) ALL PEDESTRIAN SIGNAL INDICATIONS SHALL BE COUNTDOWN.

(5) THE CONTRACTOR SHALL PROVIDE AND INSTALL A MODOT STANDARD 120V/240V PAD MOUNTED POWER SUPPLY. THE POWER SUPPLY CABINET SHALL INCLUDE SEPERATE BREAKERS FOR THE SIGNAL HARDWARE, CROSSWALK LIGHTING AND AUXILARY USES.



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	REVISIONS		
	DATE	BY	DESCRIPTION
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			
32			
33			
34			
35			
36			
37			
38			
39			
40			
41			
42			
43			
44			
45			
46			
47			
48			
49			
50			
51			
52			
53			
54			
55			
56			
57			
58			
59			
60			
61			
62			
63			
64			
65			
66			
67			
68			
69			
70			
71			
72			
73			
74			
75			
76			
77			
78			
79			
80			
81			
82			
83			
84			
85			
86			
87			
88			
89			
90			
91			
92			
93			
94			
95			
96			
97			
98			
99			
100			

LOCHMUELLER GROUP
399 S. SPRING AVENUE, SUITE 208 B
SAINT LOUIS, MISSOURI 63110
P (314) 621-3395 F (314) 621-3288
WWW.LOCHMUELLER.COM
MISSOURI STATE ENGINEERING CORPORATION
CERTIFICATE# LICENSE NO. 200207882

CITY OF GLENDALE, MO
NORTH SAPPINGTON
ROAD PRESERVATION

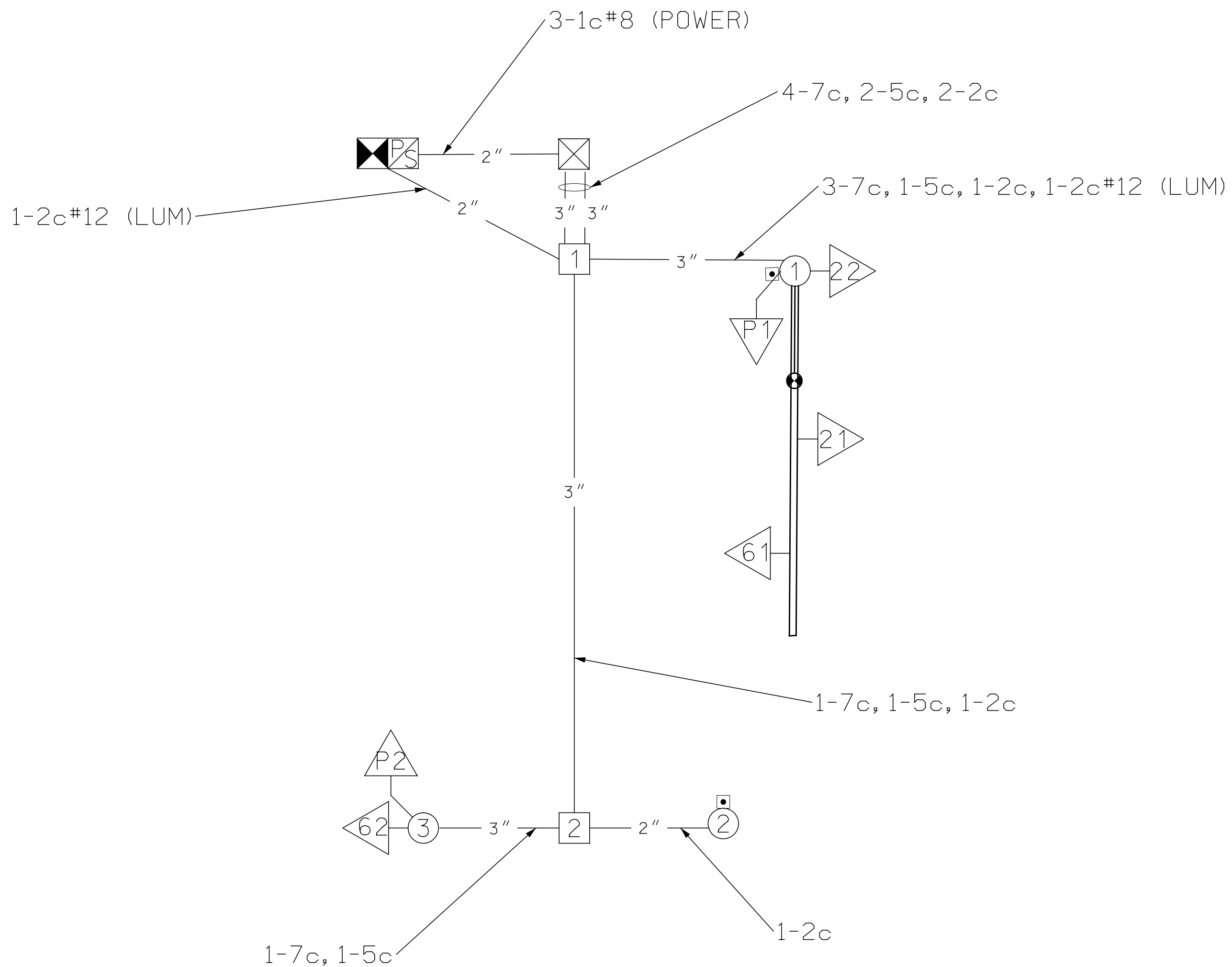
IGNAL DETAILS
SHEET 1 OF 3

PROJECT/JOB NO.	STP-5568 (604)
MSD PROJECT NO.	25MSD-00108
MSD BASE MAP	22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED	5/18/2026
SHEET	71 OF 102

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

LOCHMUELLER PROJECT NO. 522-0044

WIRING DIAGRAM



LEGEND

—3"—CONDUIT CONTAINING CABLE WITH SIZE

X-XC MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)

☐ X PULL BOX WITH NUMBER

 POST WITH NUMBER

(X) POST WITH MAST ARM AND LUMINAIRE

 SIGNAL HEAD WITH NUMBER

 SIGNAL CONTROLLER

 POWER SOURCE

 LIGHTING CONTROLLER POWER SUPPLY

UPS UNINTERRUPTIBLE POWER SUPPLY

 VIDEO DETECTION CAMERA

 CLOSED CIRCUIT TELEVISION (CCTV) CAMERA

SAPPINGTON RD PED. CROSSING

INTERSECTION

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.

[illegible]

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 CORPORATI
CREDIT SUITE(4) LOUISIANA 2003041952

CITY OF GLENDALE, MO
NORTH SAPPINGTON
ROAD PRESERVATION

SIGNAL DETAILS
SHEET 2 OF 3

PROJECT/JOB NO.
STP-5568(604

MSD PROJECT NO.
25MSD-00108

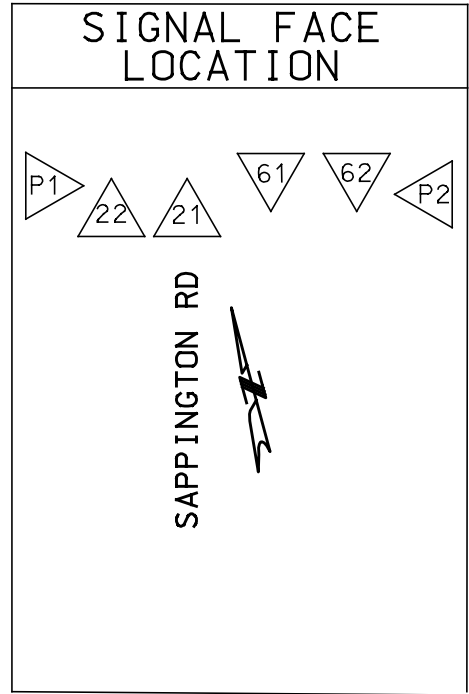
MSD BASE MAP
22L1, 22M3, 22L4,
23M2, 23M3

DATE PREPARED
5/18/2026

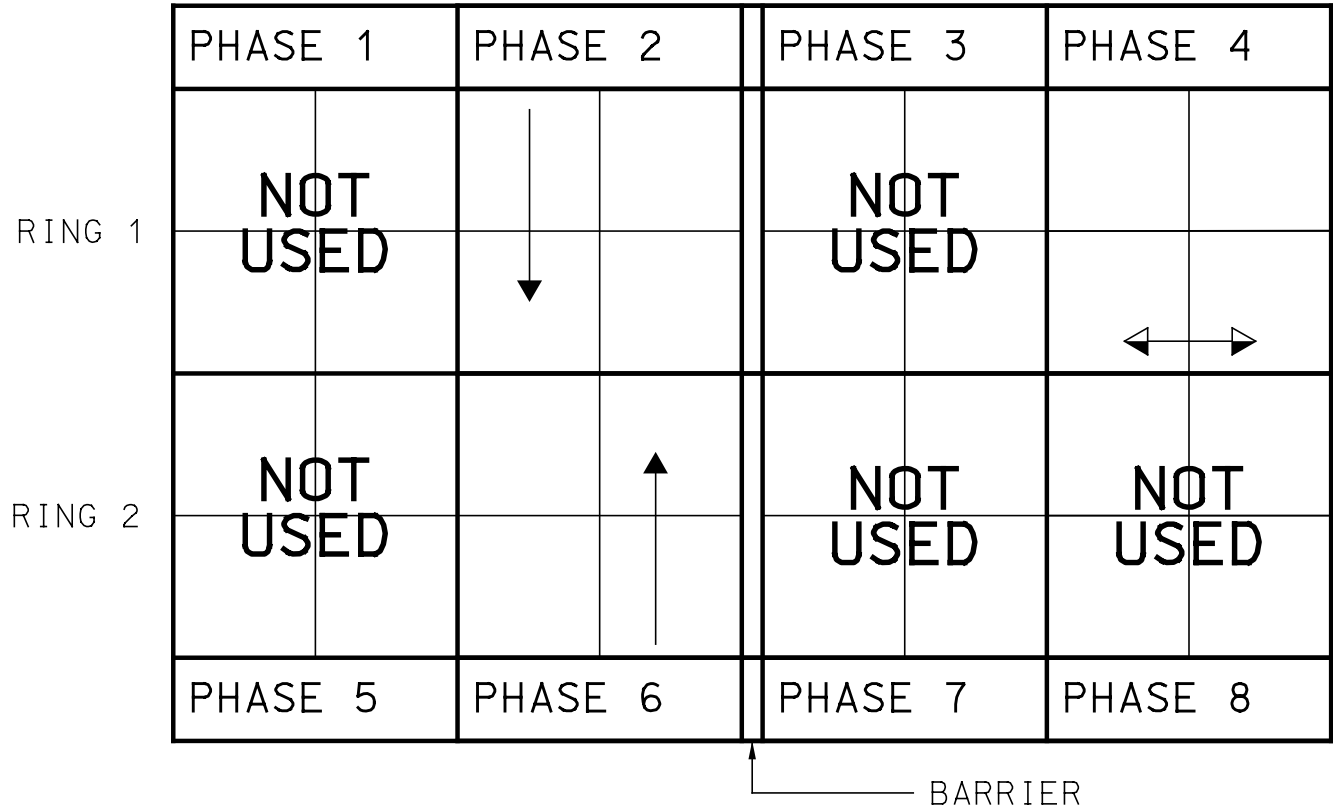
SHEET
72 OF 102

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

LOCHMUELLER PROJECT NO. 522-0044



FACE NUMBERS					21														61										P1										FACE NUMBERS		
FACE NUMBERS					22														62										P2										FACE NUMBERS		
SIGNAL INDICATIONS	R				R														R											DW										R	SIGNAL INDICATIONS
	RL																																						RL		
	RR†																																						RR†		
	Y				Y														Y																				Y		
	YR†																																						YR†		
	YL																																							YL	
	FYL																																							FYL	
	G				G														G																					G	
R†																																							R†		
L																																								L	
DETECTOR ASSIGNMENTS					21														61																					DETECTOR ASSIGNMENTS	
DETECTOR ASSIGNMENTS					22														62																					DETECTOR ASSIGNMENTS	
																				DETECTOR ASSIGNMENTS (PEDS. ONLY)																					
																				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 — 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



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
P (314) 621-3395 F (314) 621-3288
WWW.LOCHGROUP.COM

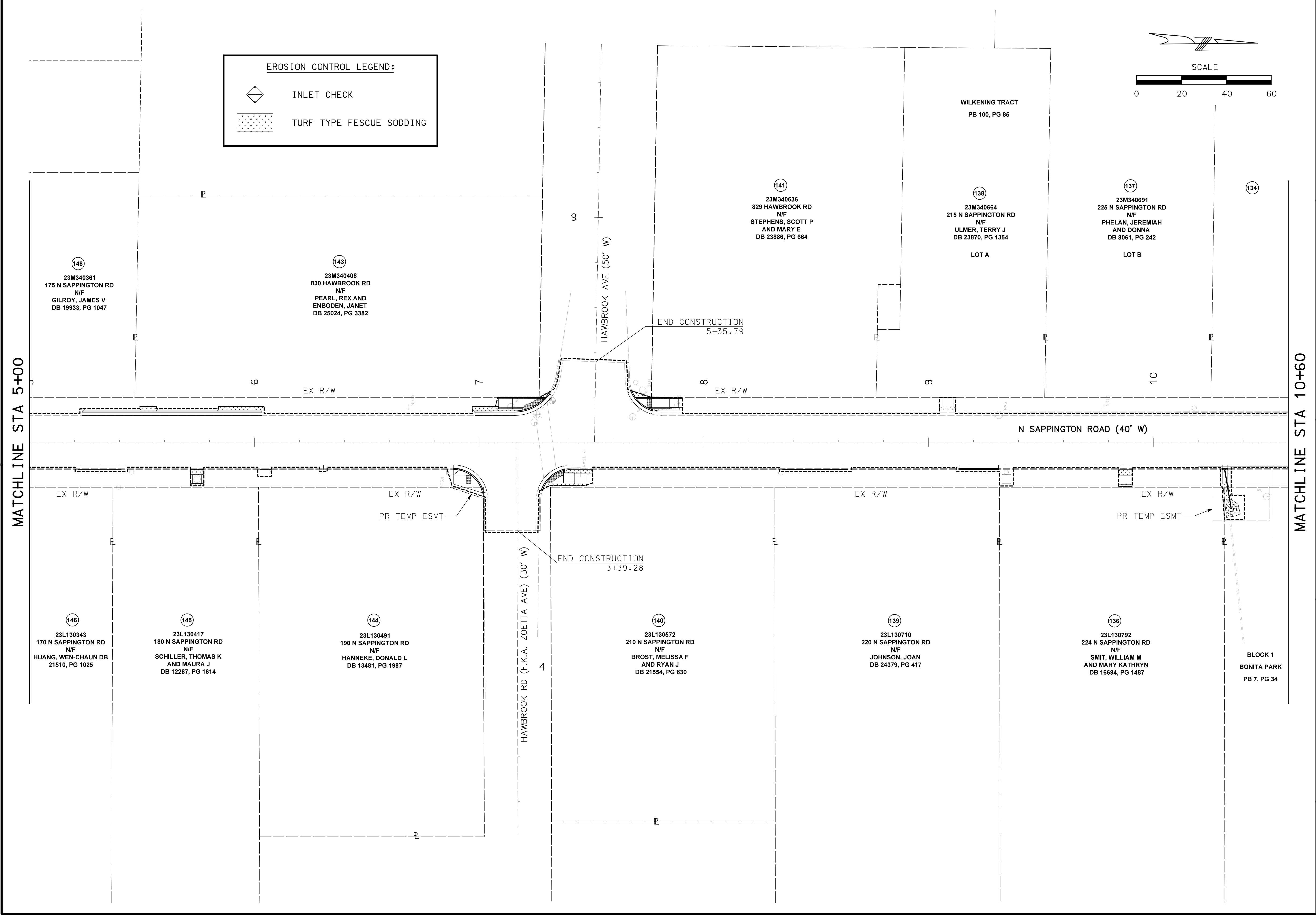
MISSOURI STATE ENGINEERING CORPORATION
CERTIFICATE/LICENSE NO. 2002011852

CITY OF GLENDALE, MO
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 5/18/2026
SHEET 73 OF 102





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

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

CITY OF GLENDALE, MO
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
5/18/2026

SHEET
75 OF 102

MATCHLINE STA 10+60

MATCHLINE STA 16+20

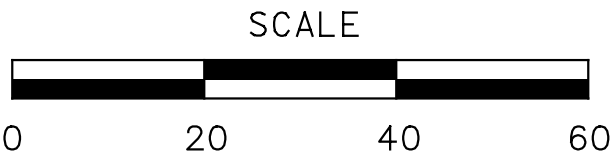
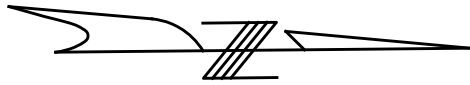
EROSION CONTROL LEGEND:



INLET CHECK



TURF TYPE FESCUE SODDING



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.

REVISIONS		DESCRIPTION	
REV	DATE	BY	



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

CITY OF GLENDALE, MO
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 5/18/2026
SHEET 76 OF 102

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

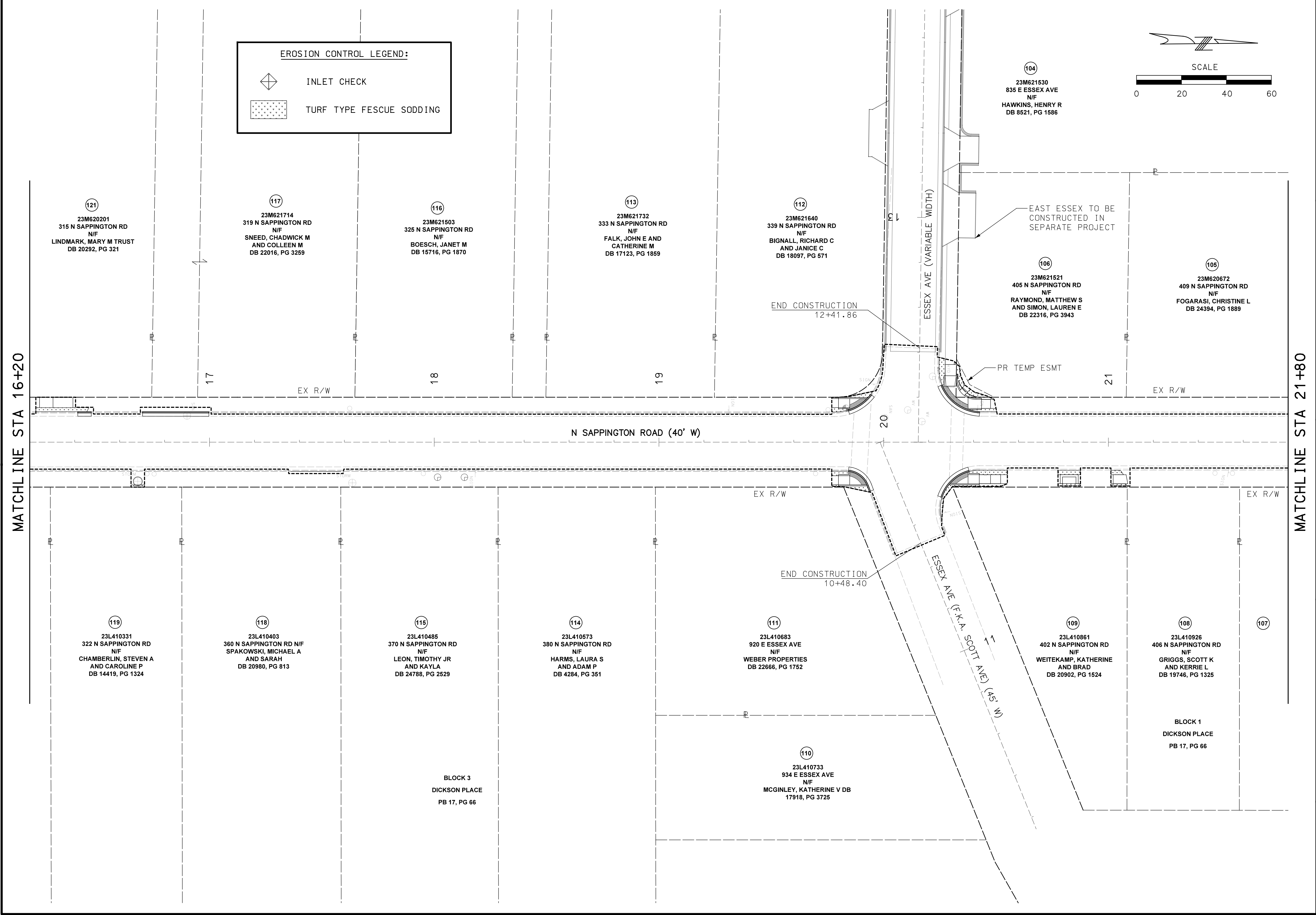
BLOCK 2
BONITA PARK
PB 7, PG 34

END CONSTRUCTION
7+35.42

BEVERLY AVE (WIDTH VARIES)

8

9



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

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

CITY OF GLENDALE, MO
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 5/18/2026	
SHEET 77 OF 102	

LOCHMUELLER PROJECT NO. 522-0044

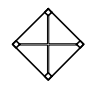
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

X:\Production\Files\2022\522-0044\CAD\2-Final\Erosion Control Sheets.dgn 8:42:34 AM 5/18/2026

MATCHLINE STA 21+80

MATCHLINE STA 27+40

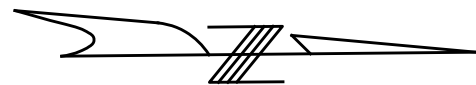
EROSION CONTROL LEGEND:



INLET CHECK



TURF TYPE FESCUE SODDING



SCALE

0 20 40 60

103
23M620724
411 N SAPPINGTON RD
N/F
DEFFAA FAMILY TRUST
DB 24686, PG 129

102
23M620816
415 N SAPPINGTON RD
N/F
JACKSON, CLAUDE E
AND CYNTHIA M
DB 8767, PG 2239

100
23M621402
421 N SAPPINGTON RD
N/F
SAPPINGTON ROAD HOLDINGS
LLC
DB 25090, PG 1035

99
23M621398
429 N SAPPINGTON RD
N/F
MCCONKEY, TRISHA L
AND JOHN J
DB 20022, PG 1786

98
23M621613
431 N SAPPINGTON RD
N/F
BUHRMAN, JESSICA
DB 24926, PG 141

97
23M640111
435 N SAPPINGTON RD
N/F
HESSEL, NATHAN
AND STEPHANIE
DB 21618, PG 3557

96

END CONSTRUCTION
18+52.61

PR TEMP ESMT

N SAPPINGTON ROAD (40' W)

EX R/W

EX R/W

MOUNT VERNON
CONDOMINIUM
PB 194 PG 58

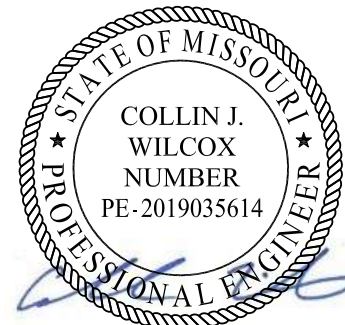
LOT 1
DICKSON PLACE CONSOLIDATION
PB 365, PG 142

END CONSTRUCTION
15+35.34

101
23L411741
424 N SAPPINGTON RD
N/F
CITY OF GLENDALE
DB 6741, PG 236

94
PL0807003
432-438 N SAPPINGTON RD
N/F
DB XX, PG XX

107
23L410991
408 N SAPPINGTON
RD
N/F
HAMMOND, DAVID W
AND JULIE A
DB 17331, PG 1866



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.

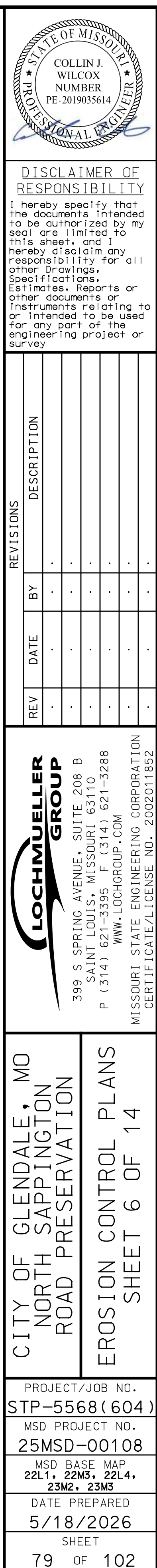
REVISIONS		DESCRIPTION
REV	DATE	BY

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

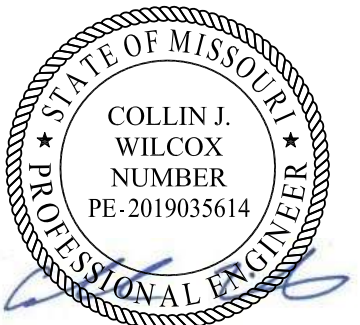
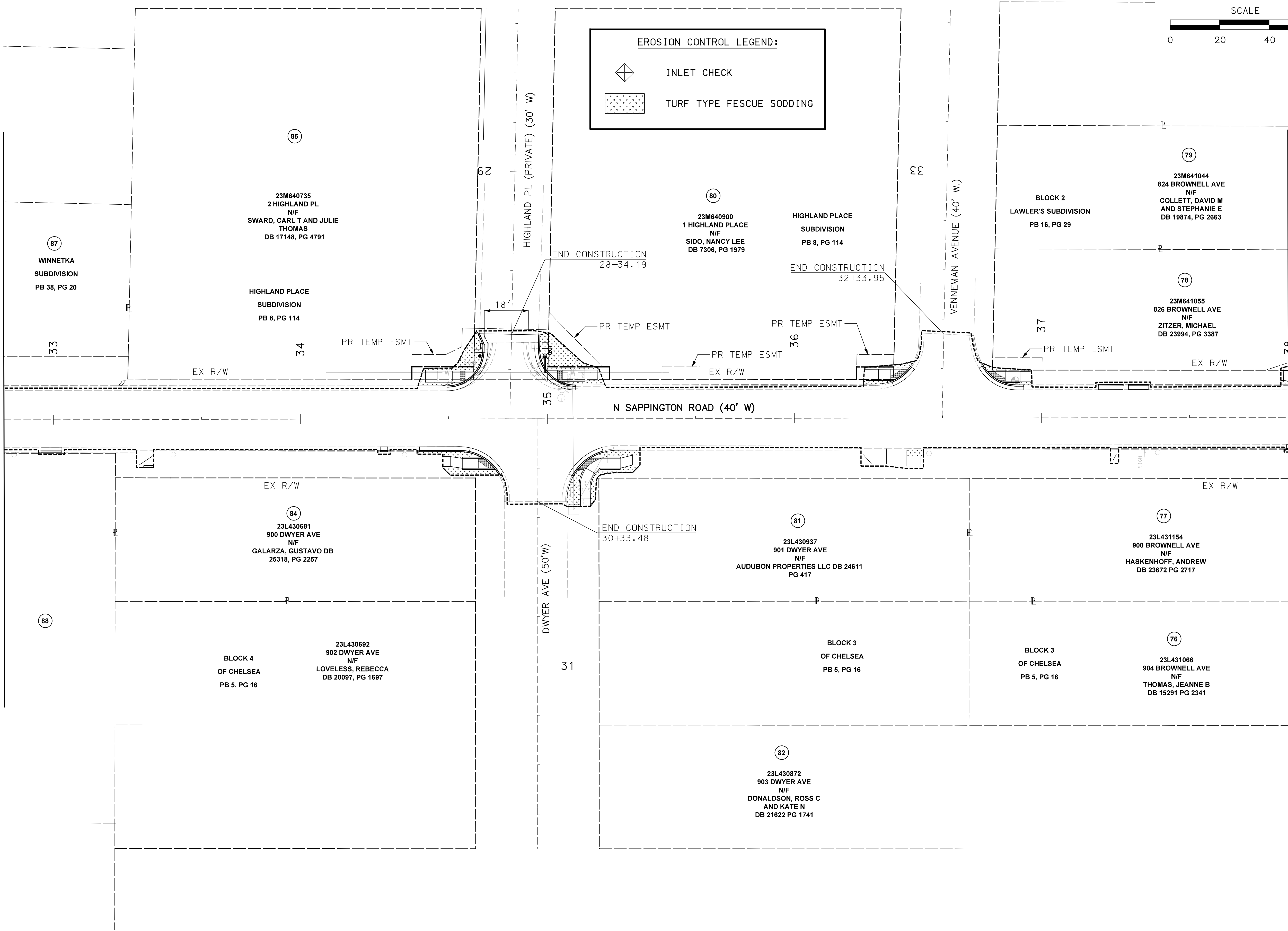
CITY OF GLENDALE, MO
NORTH SAPPINGTON
ROAD PRESERVATION

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 5/18/2026
SHEET 78 OF 102



MATCHLINE STA 32+80



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
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				
41				
42				
43				
44				
45				
46				
47				
48				
49				
50				
51				
52				
53				
54				
55				
56				
57				
58				
59				
60				
61				
62				
63				
64				
65				
66				
67				
68				
69				
70				
71				
72				
73				
74				
75				
76				
77				
78				
79				
80				
81				
82				
83				
84				
85				
86				
87				
88				
89				
90				
91				
92				
93				
94				
95				
96				
97				
98				
99				
100				

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

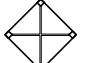
CITY OF GLENDALE, MO
NORTH SAPPINGTON
ROAD PRESERVATION
EROSION CONTROL PLANS
SHEET 7 OF 14

PROJECT/JOB NO.	STP-5568 (604)
MSD PROJECT NO.	25MSD-00108
MSD BASE MAP	22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED	5/18/2026
SHEET	80 OF 102

MATCHLINE STA 38+00

MATCHLINE STA 43+60

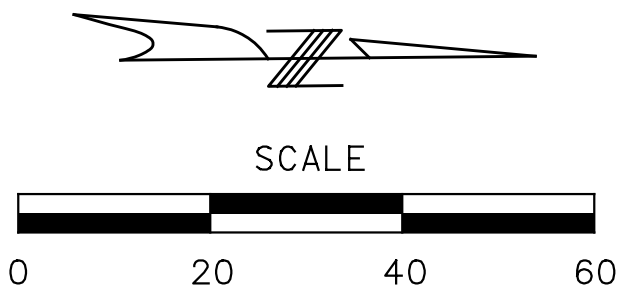
EROSION CONTROL LEGEND:



INLET CHECK



TURF TYPE FESCUE SODDING



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.

REVISIONS		DESCRIPTION
REV	DATE	BY

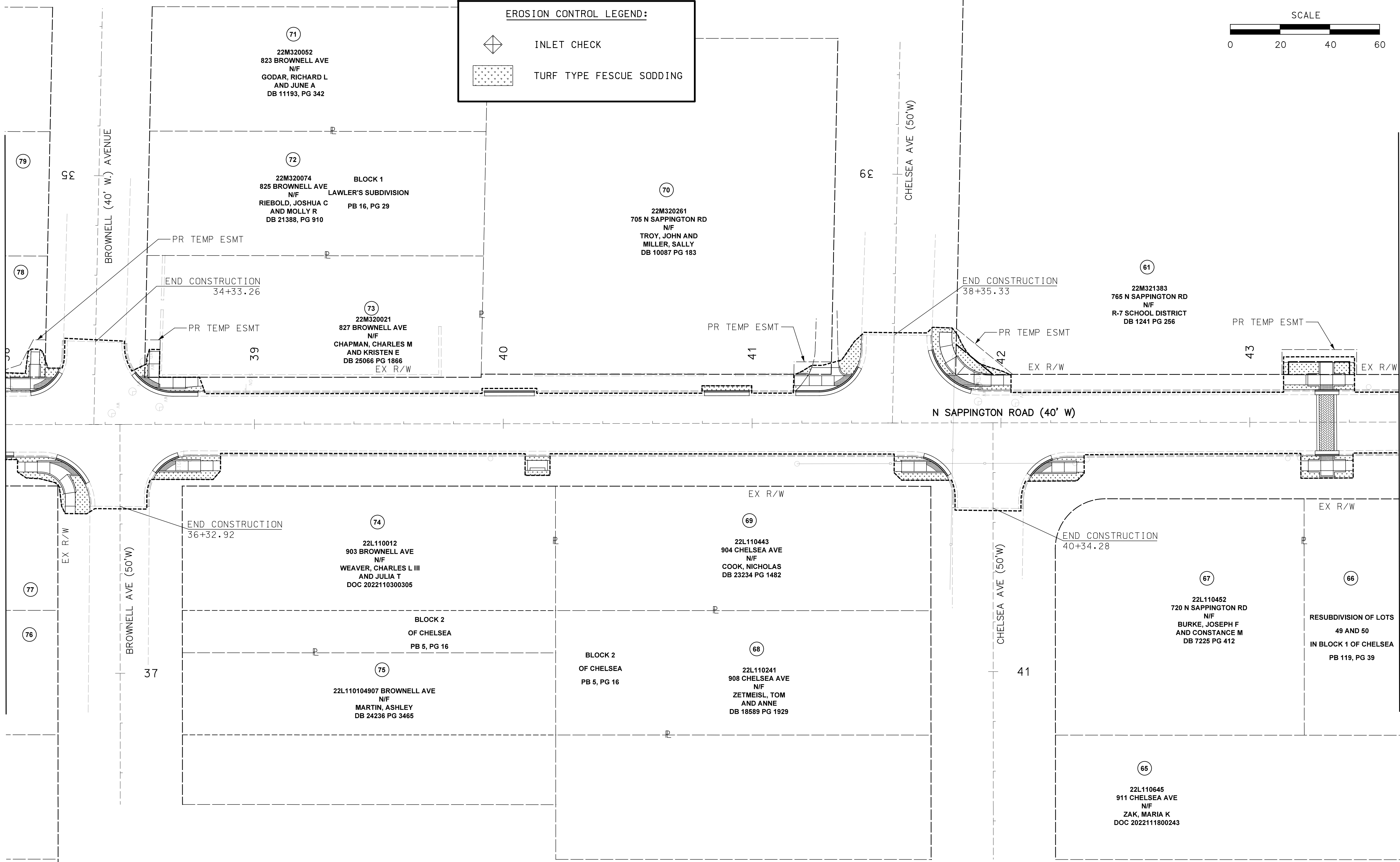


399 S SPRING AVENUE, SUITE 208 B
SAINT LOUIS, MISSOURI 63110
P (314) 621-3395 F (314) 621-3288
WWW.LOCHGROUP.COM
MISSOURI STATE ENGINEERING CORPORATION
CERTIFICATE/LICENSE NO. 2002011852

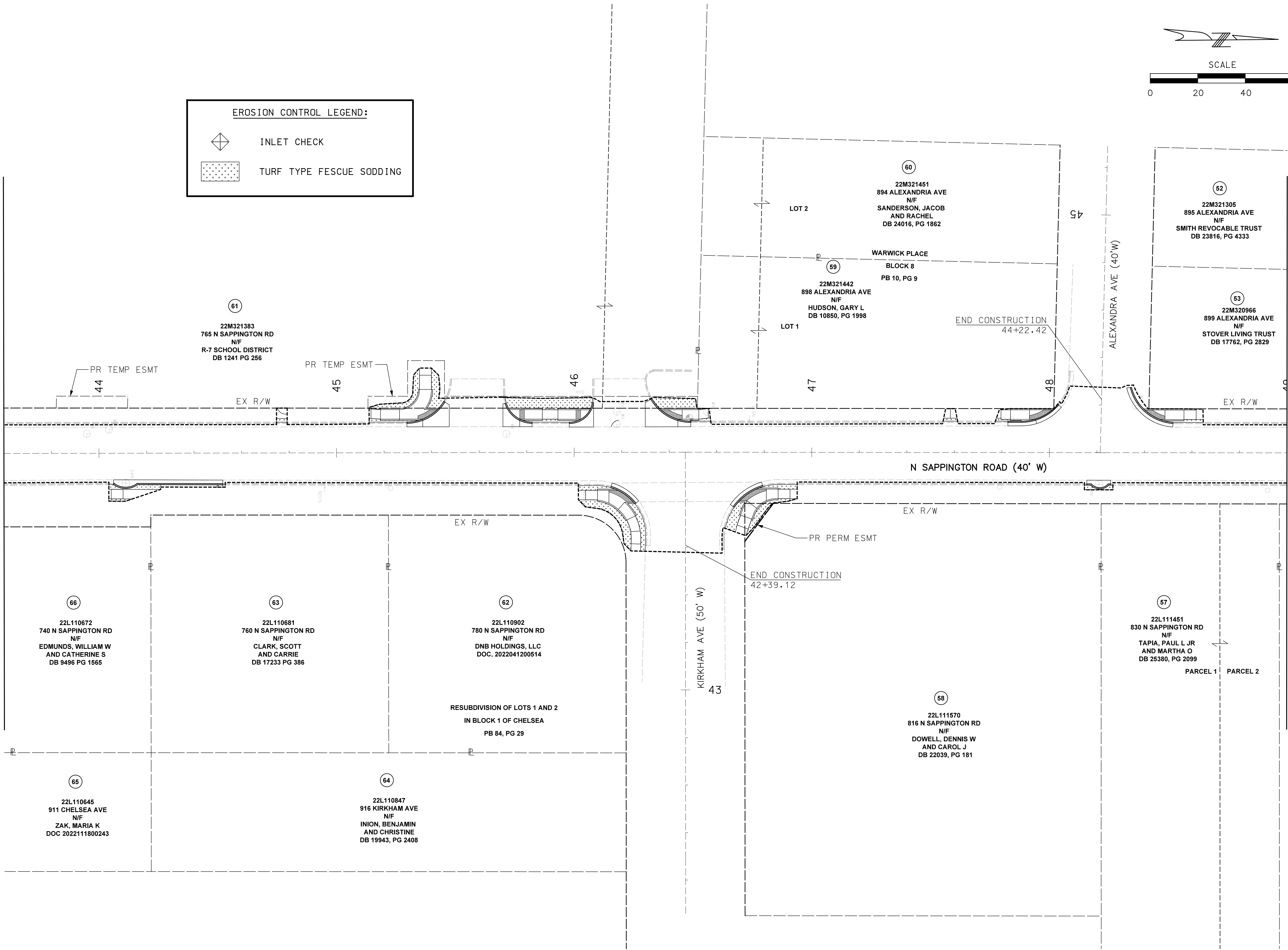
CITY OF GLENDALE, MO
NORTH SAPPINGTON
ROAD PRESERVATION
EROSION CONTROL PLANS
SHEET 8 OF 14

PROJECT/JOB NO.	STP-5568 (604)
MSD PROJECT NO.	25MSD-00108
MSD BASE MAP	22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED	5/18/2026
SHEET	81 OF 102

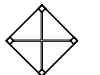
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED. LOCHMULLER PROJECT NO. 522-0044

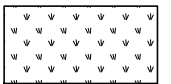


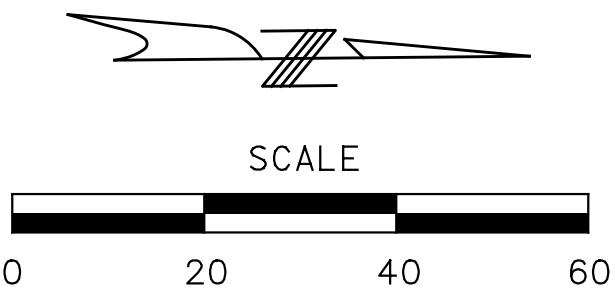
MATCHLINE STA 43+60



EROSION CONTROL LEGEND:

 INLET CHECK

 TURF TYPE FESCUE SODDING



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.

REVISONS		DESCRIPTION
REV	DATE	BY

LOCHMUELLER GROUP

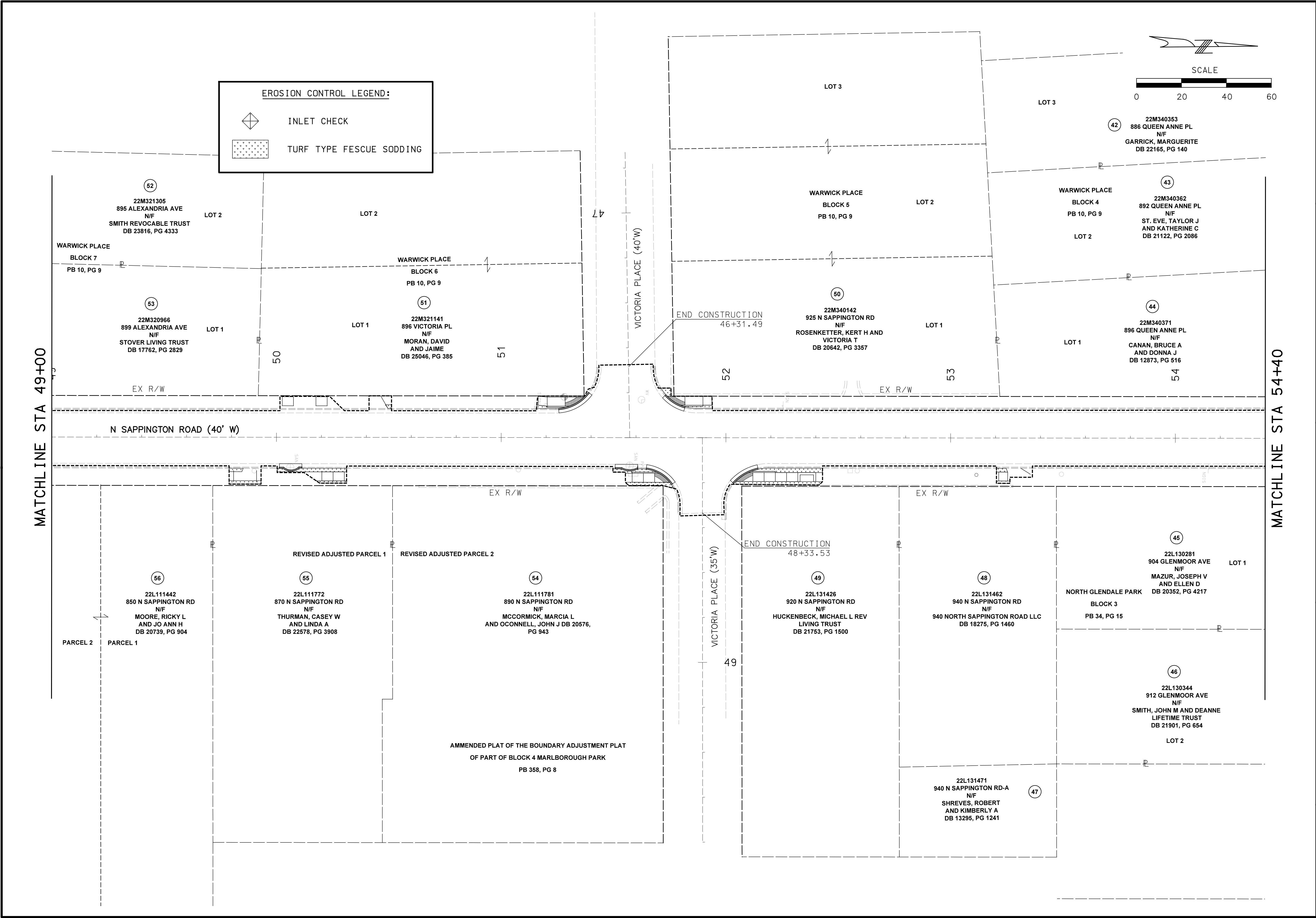
399 S SPRING AVENUE, SUITE 208 B
SAINT LOUIS, MISSOURI 63110
P (314) 621-3395 F (314) 621-3288
WWW.LOCHGROUP.COM

MISSOURI STATE ENGINEERING CORPORATION
CERTIFICATE/LICENSE NO. 2002011852

CITY OF GLENDALE, MO
NORTH SAPPINGTON
ROAD PRESERVATION

EROSION CONTROL PLANS
SHEET 9 OF 14

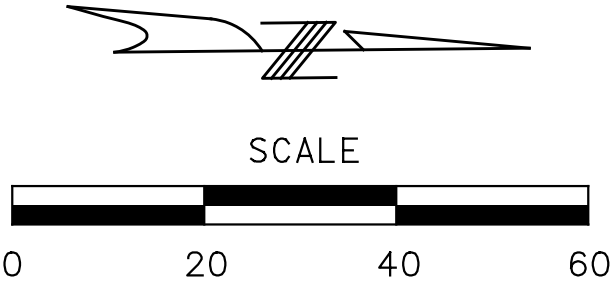
PROJECT/JOB NO.
STP-5568 (604)
MSD PROJECT NO.
25MSD-00108
MSD BASE MAP
22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED
5/18/2026
SHEET
82 OF 102



EROSION CONTROL LEGEND:

INLET CHECK

TURF TYPE FESCUE SODDING



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
P (314) 621-3395 F (314) 621-3288
WWW.LOCHGROUP.COM

MISSOURI STATE ENGINEERING CORPORATION
CERTIFICATE LICENSE NO. 2002011852

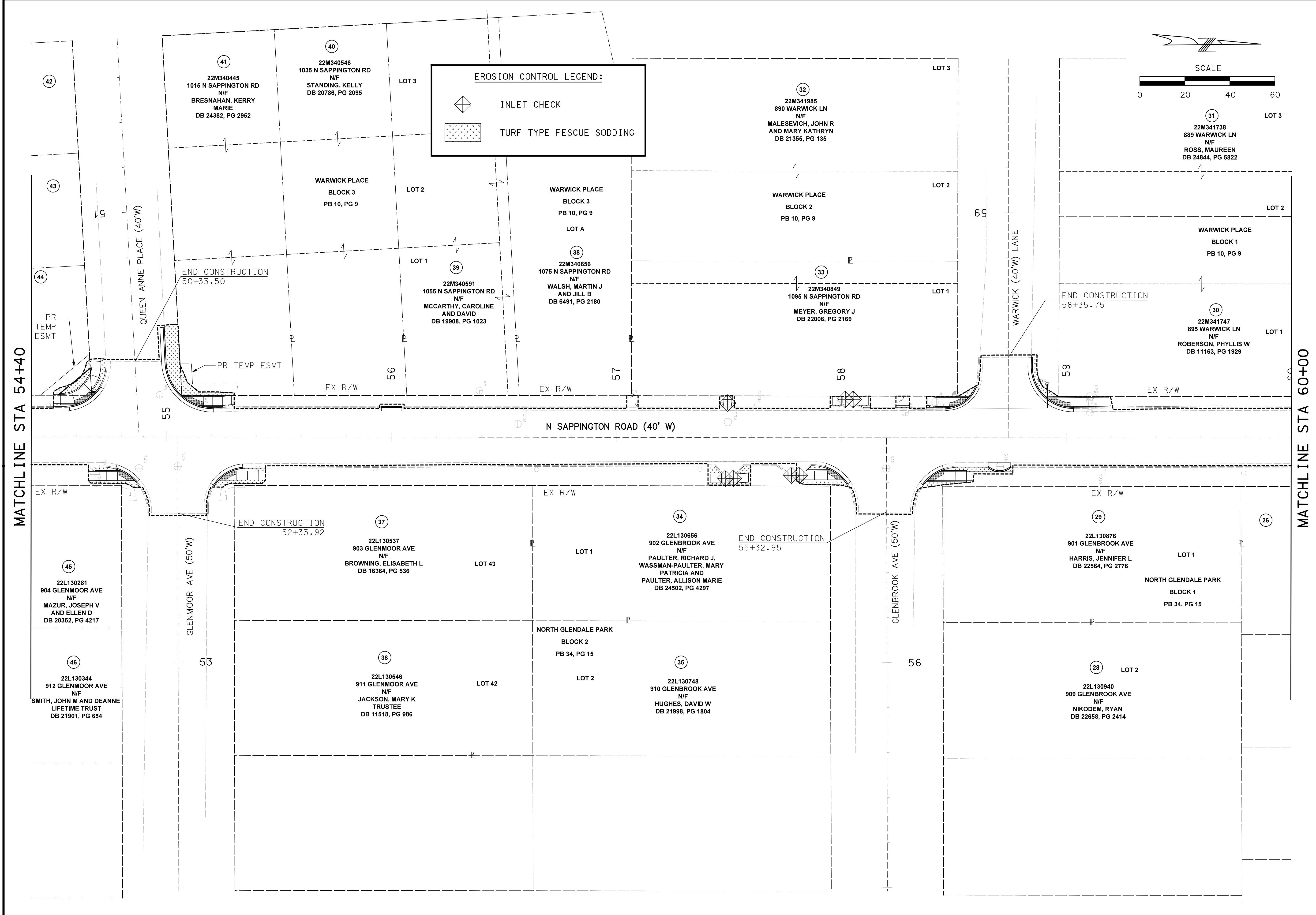
CITY OF GLENDALE, MO
NORTH SAPPINGTON
ROAD PRESERVATION

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 5/18/2026
SHEET 83 OF 102

LOCHMUELLER PROJECT NO. 522-0044

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



STATE OF MISSOURI

COLLIN J. WILCOX

NUMBER

PE-2019035614

PROFESSIONAL ENGINEER

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

P (314) 621-3395 F (314) 621-3288

WWW.LOCHGROUP.COM

MISSOURI STATE ENGINEERING CORPORATION

CERTIFICATE LICENSE NO. 2002011852

CITY OF GLENDALE, MO

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

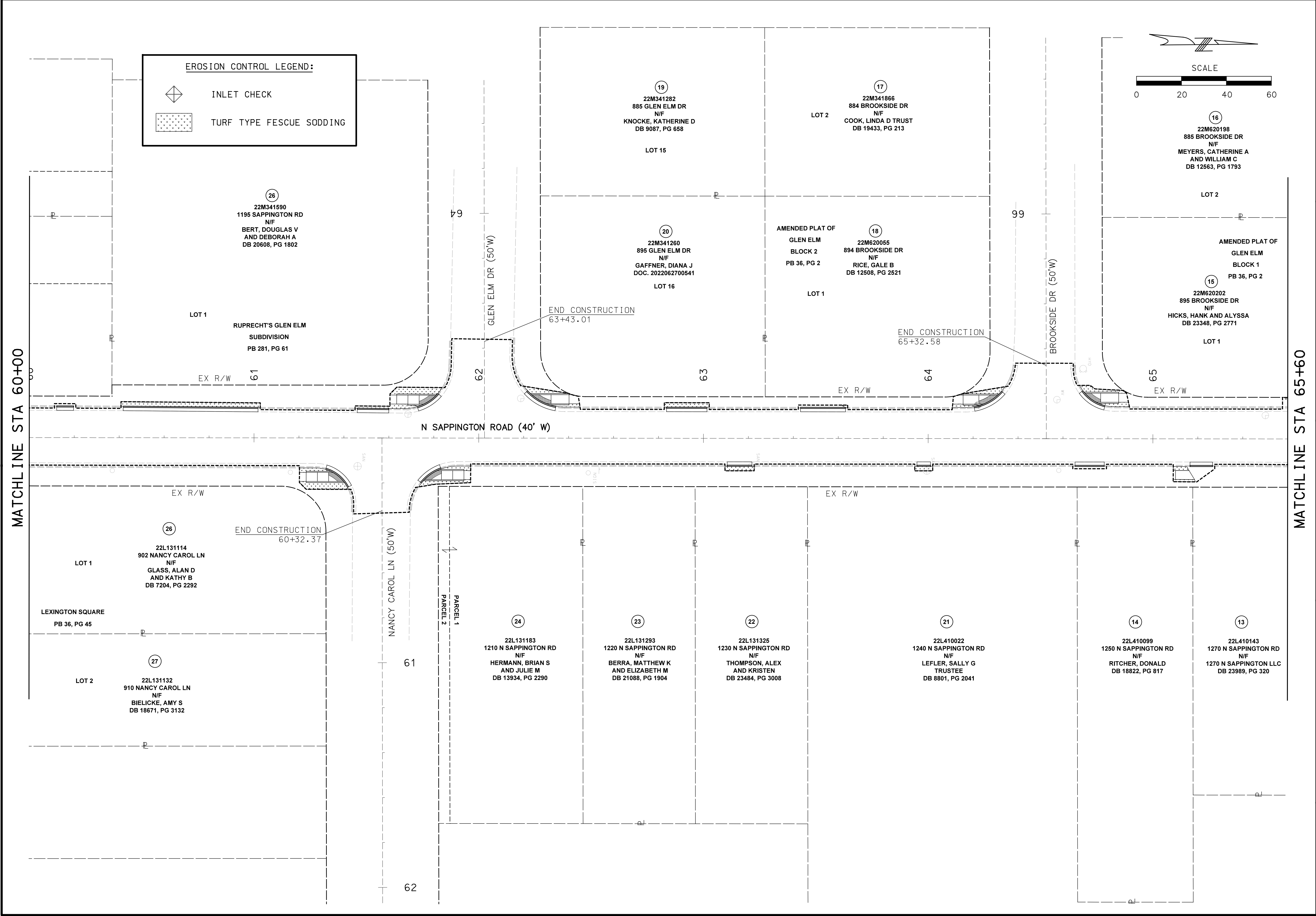
DATE PREPARED

5/18/2026

SHEET

84 OF 102

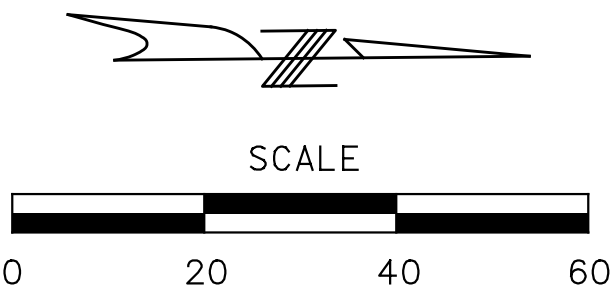
X:\Production\Files\2022\522-0044\CAD\2-Final\Erosion Control Sheets.dgn 8:42:53 AM 5/18/2026



EROSION CONTROL LEGEND:

INLET CHECK

TURF TYPE FESCUE SODDING



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.

REVISIONS		DESCRIPTION
REV	DATE	BY

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

CITY OF GLENDALE, MO
NORTH SAPPINGTON
ROAD PRESERVATION

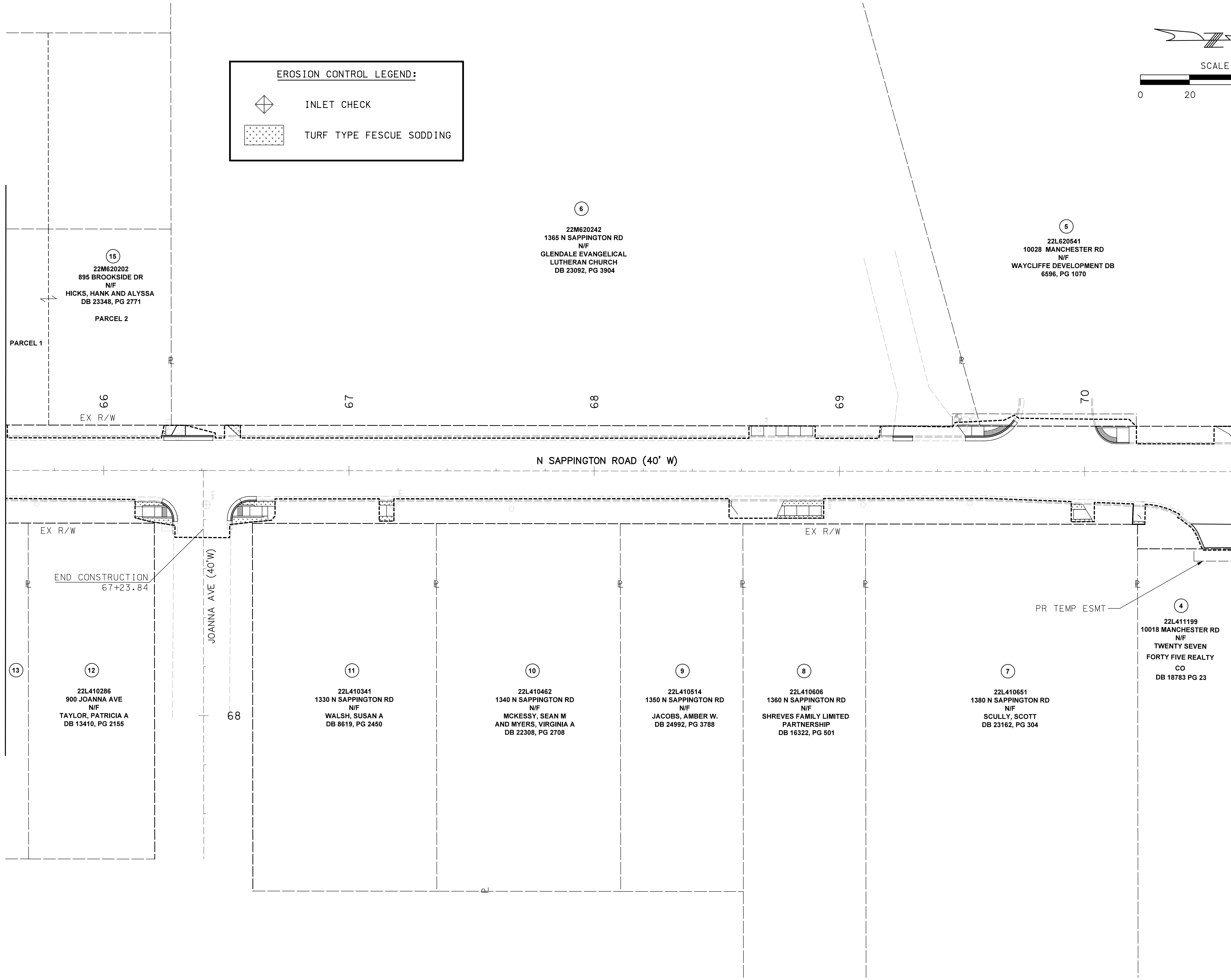
EROSION CONTROL PLANS
SHEET 12 OF 14

PROJECT/JOB NO. STP-5568 (604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 5/18/2026
SHEET 85 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

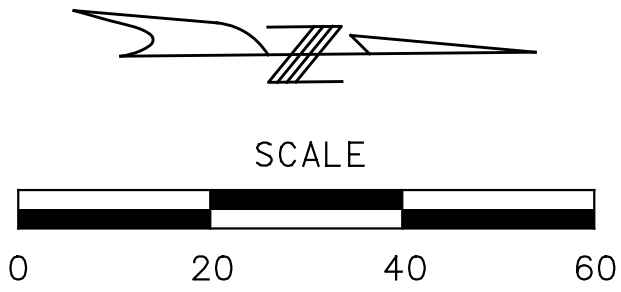


MATCHLINE STA 70+60

EROSION CONTROL LEGEND:

 INLET CHECK

 TURF TYPE FESCUE SODDING



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.

REVISONS		DATE	BY	DESCRIPTION
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

CITY OF GLENDALE, MO
NORTH SAPPINGTON ROAD PRESERVATION

EROSION CONTROL PLANS
SHEET 13 OF 14

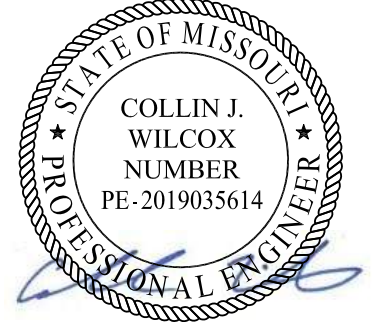
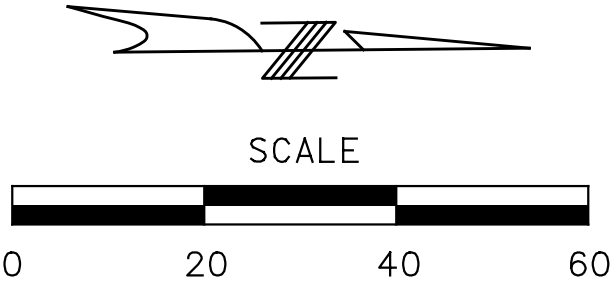
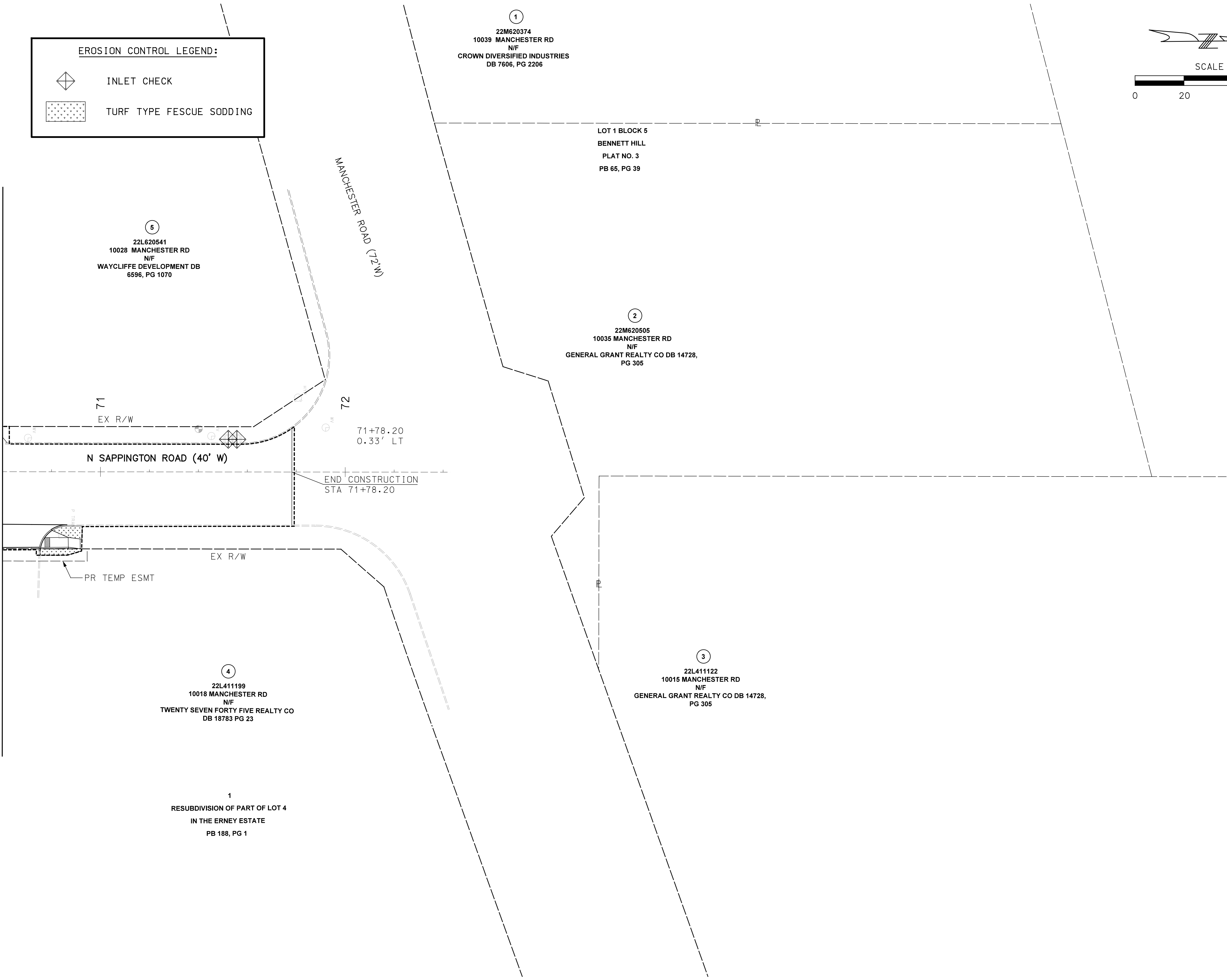
PROJECT/JOB NO. STP-5568 (604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 5/18/2026
SHEET 86 OF 102

MATCHLINE STA 70+60

EROSION CONTROL LEGEND:

 INLET CHECK

 TURF TYPE FESCUE SODDING



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.

REVISONS		DESCRIPTION	
REV	DATE	BY	DESCRIPTION



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

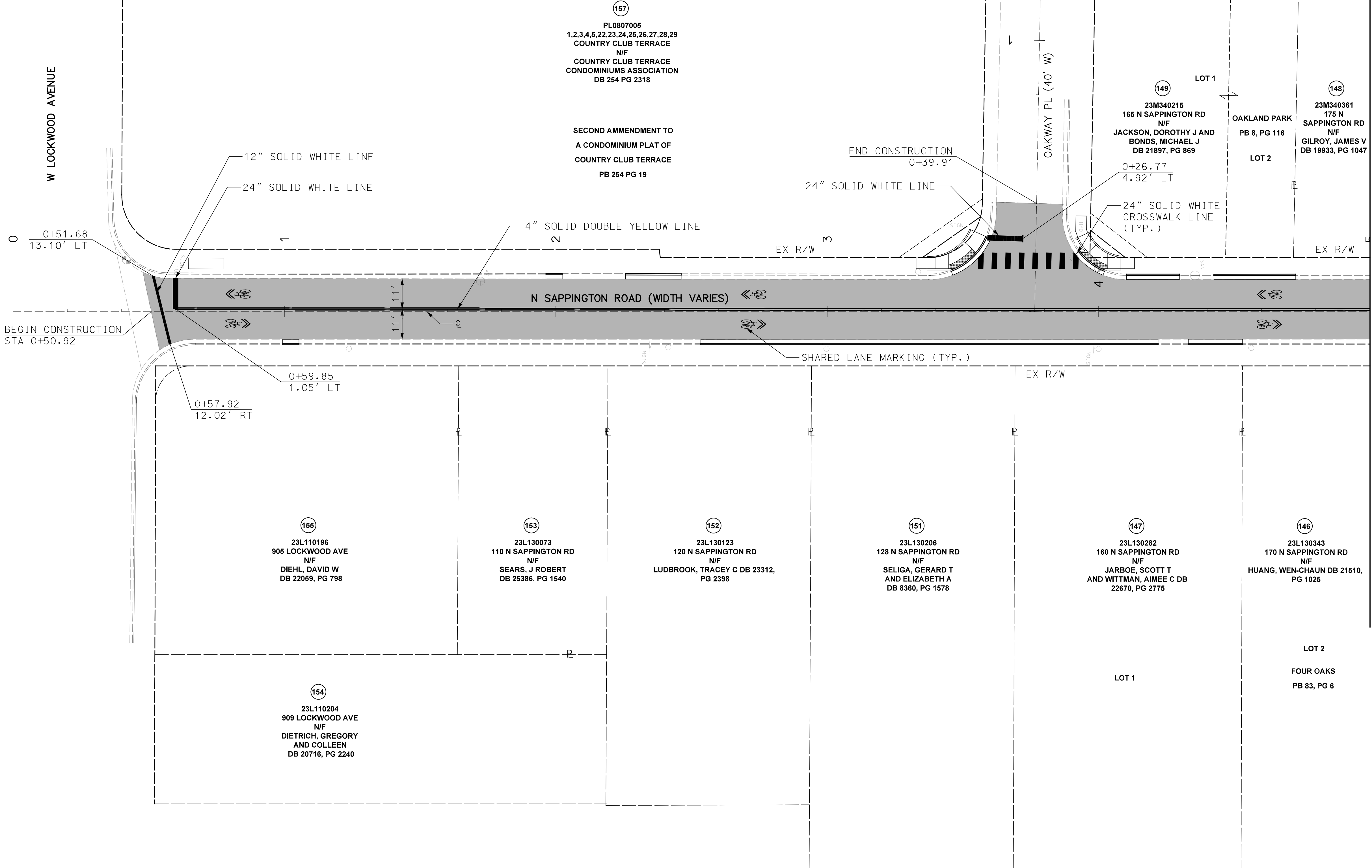
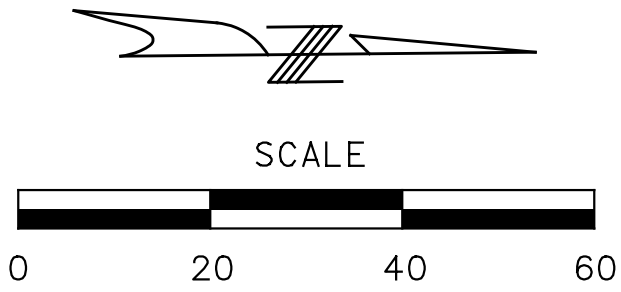
CITY OF GLENDALE, MO
NORTH SAPPINGTON
ROAD PRESERVATION

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 5/18/2026
SHEET 87 OF 102

LEGEND

ASPHALT MILL AND OVERLAY



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.

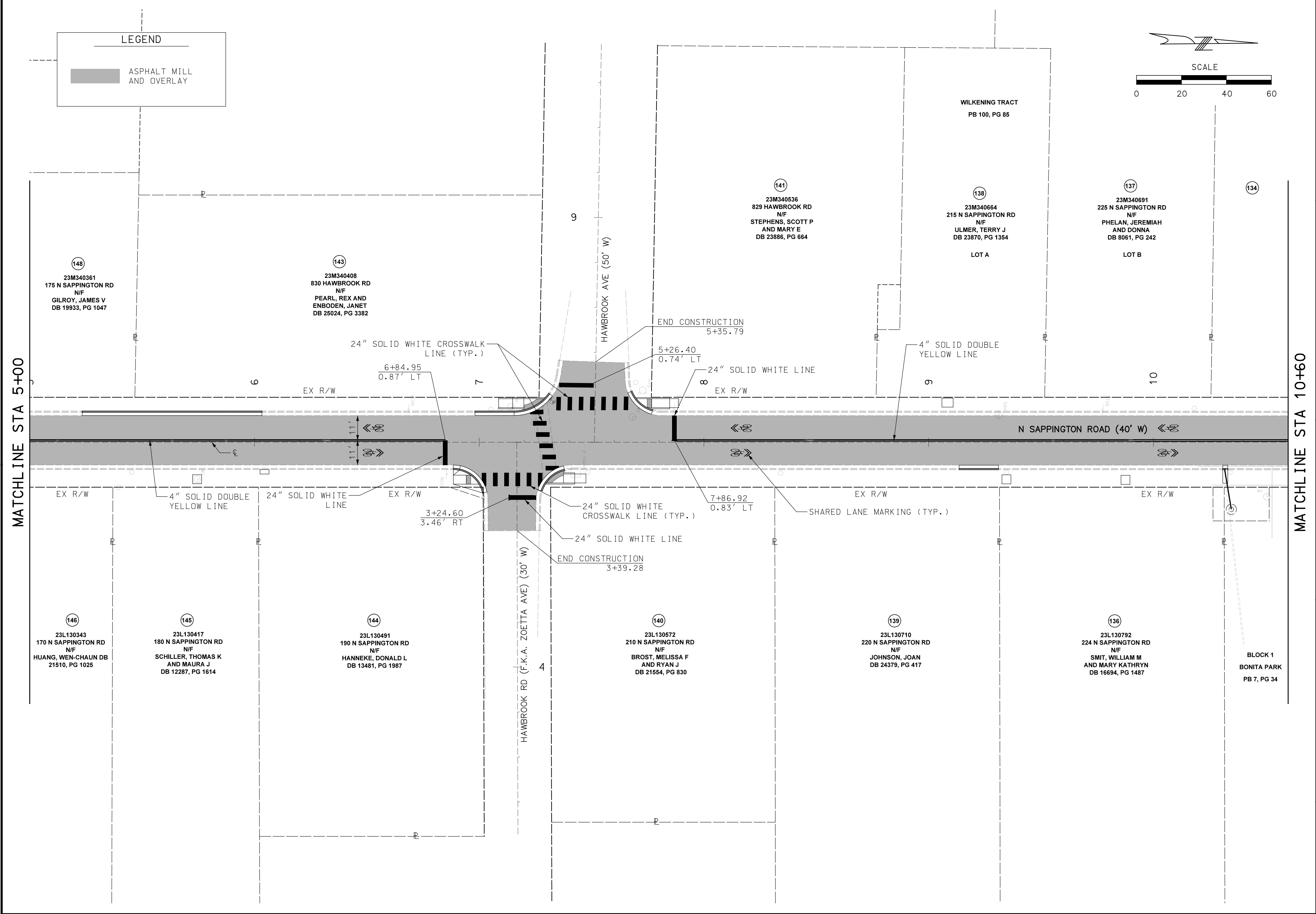
REVISIONS		DESCRIPTION
REV	DATE	BY



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

CITY OF GLENDALE, MO
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 5/18/2026
SHEET 88 OF 102



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.

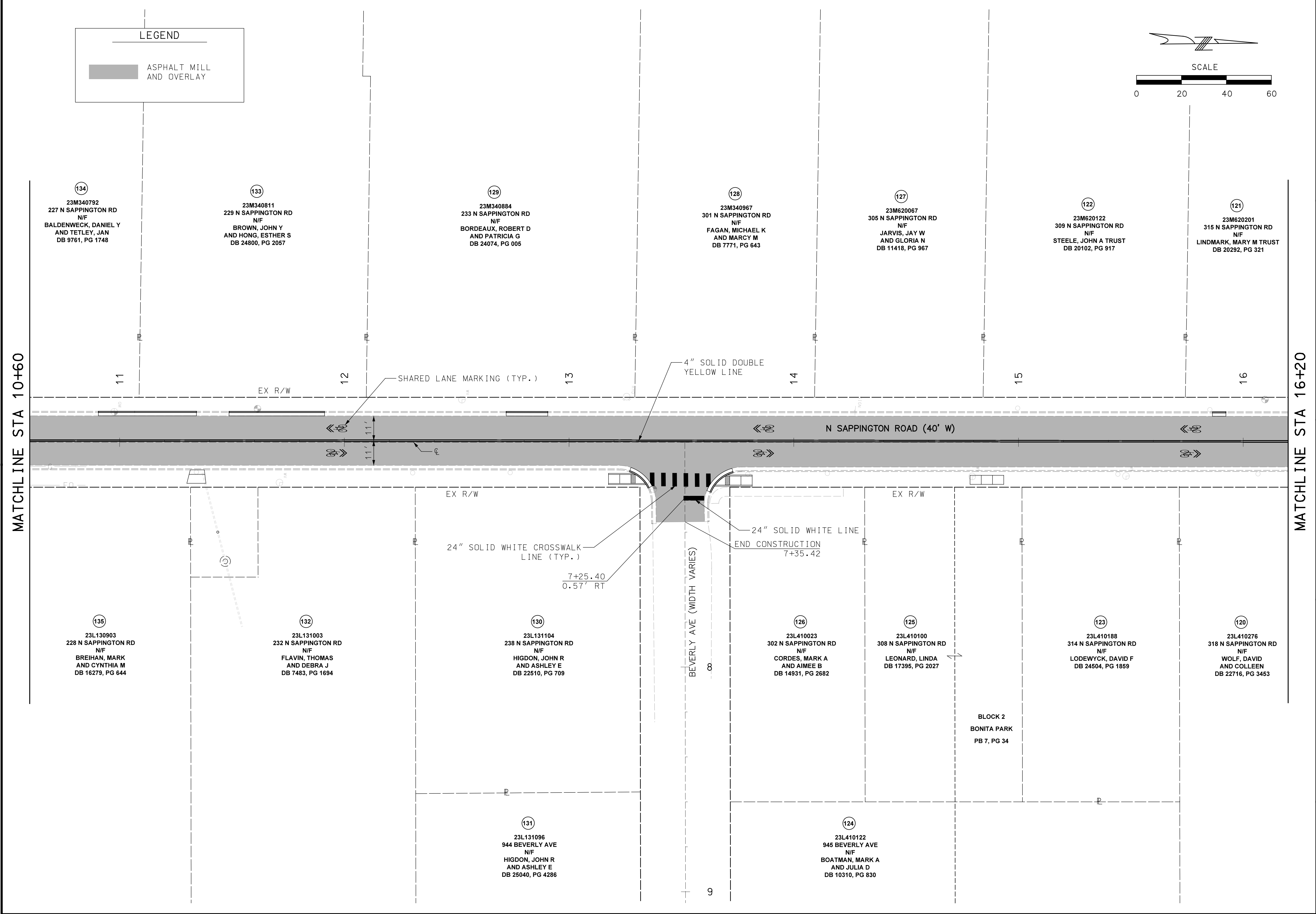
REVISONS		DESCRIPTION	
REV	DATE	BY	



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

CITY OF GLENDALE, MO
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 5/18/2026
SHEET 89 OF 102





STATE OF MISSOURI
COLLIN J. WILCOX
NUMBER
PE-2019035614
PROFESSIONAL ENGINEER

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

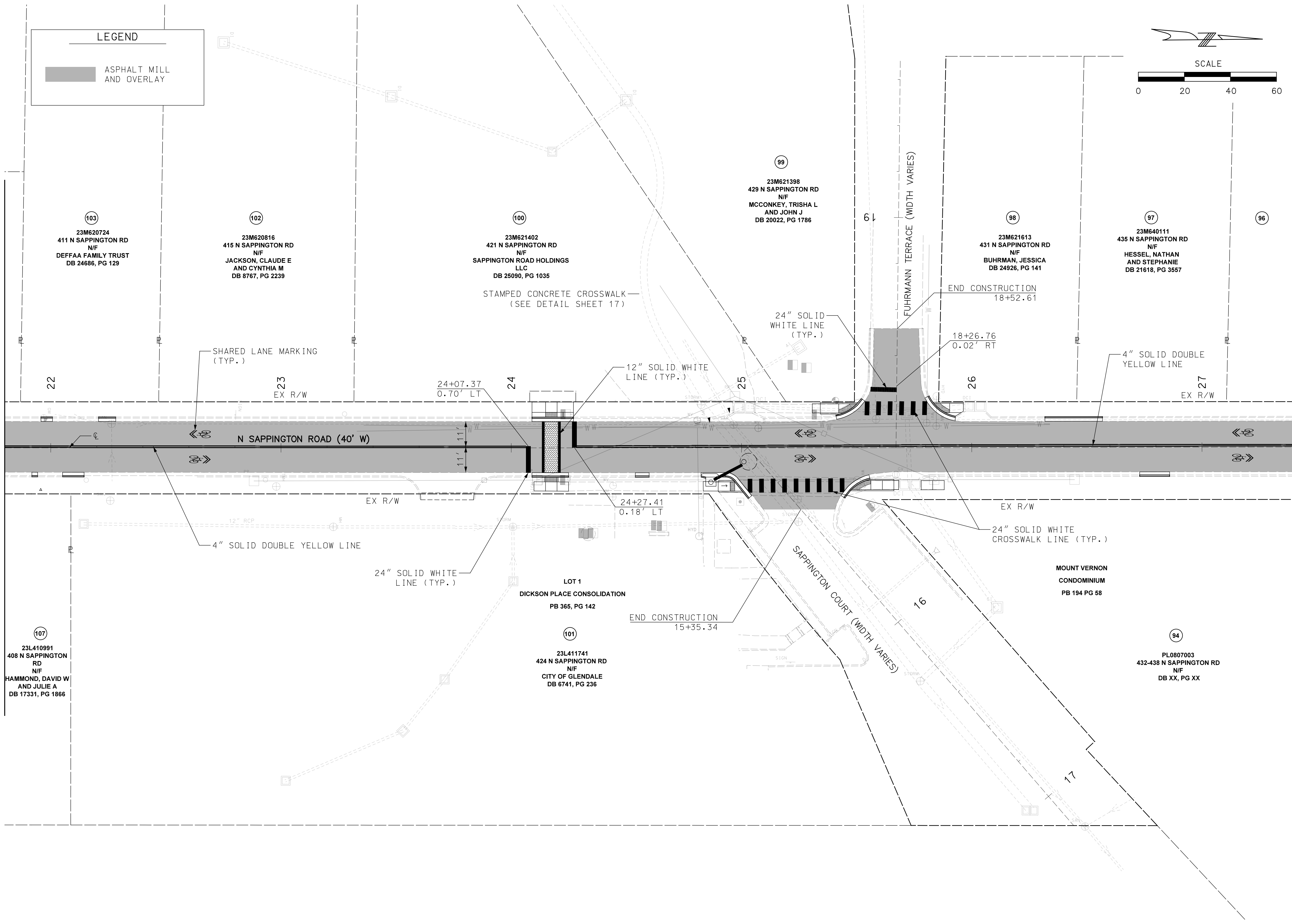
CITY OF GLENDALE, MO
NORTH SAPPINGTON
ROAD PRESERVATION

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 5/18/2026	
SHEET 90 OF 102	

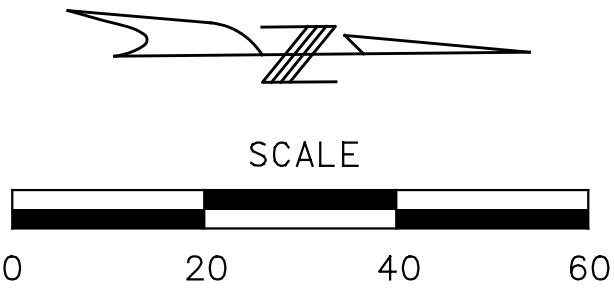
MATCHLINE STA 21+80

MATCHLINE STA 27+40



LEGEND

ASPHALT MILL AND OVERLAY



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.

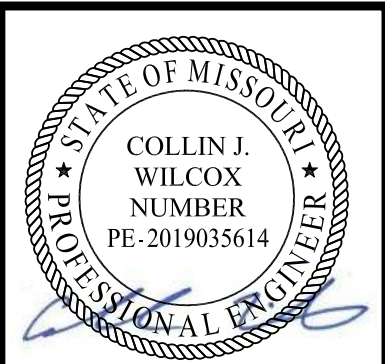
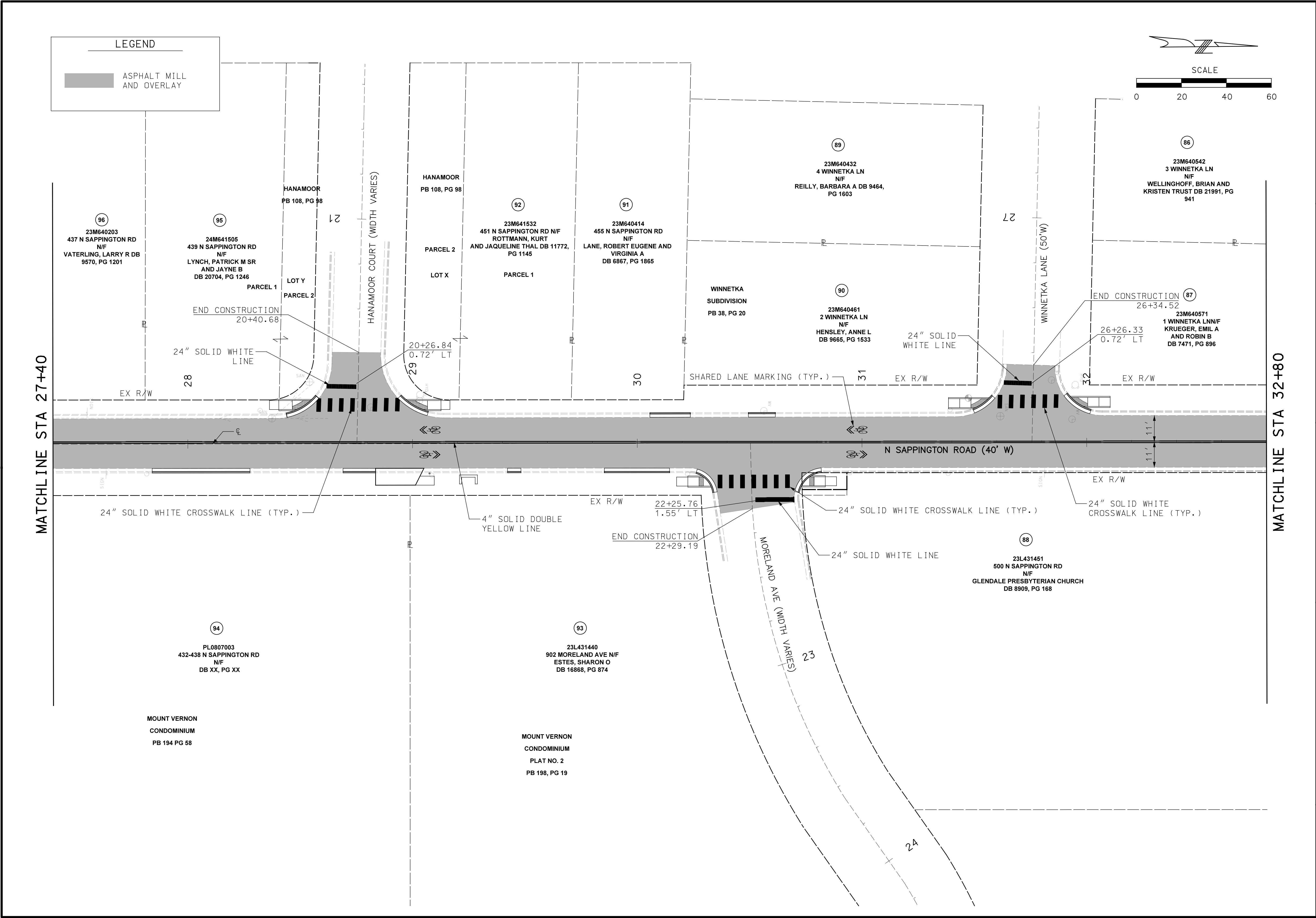
REVISIONS		DESCRIPTION
REV	DATE	BY

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

CITY OF GLENDALE, MO
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 5/18/2026
SHEET 92 OF 102



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.

REVISIONS		DESCRIPTION
REV	DATE	BY



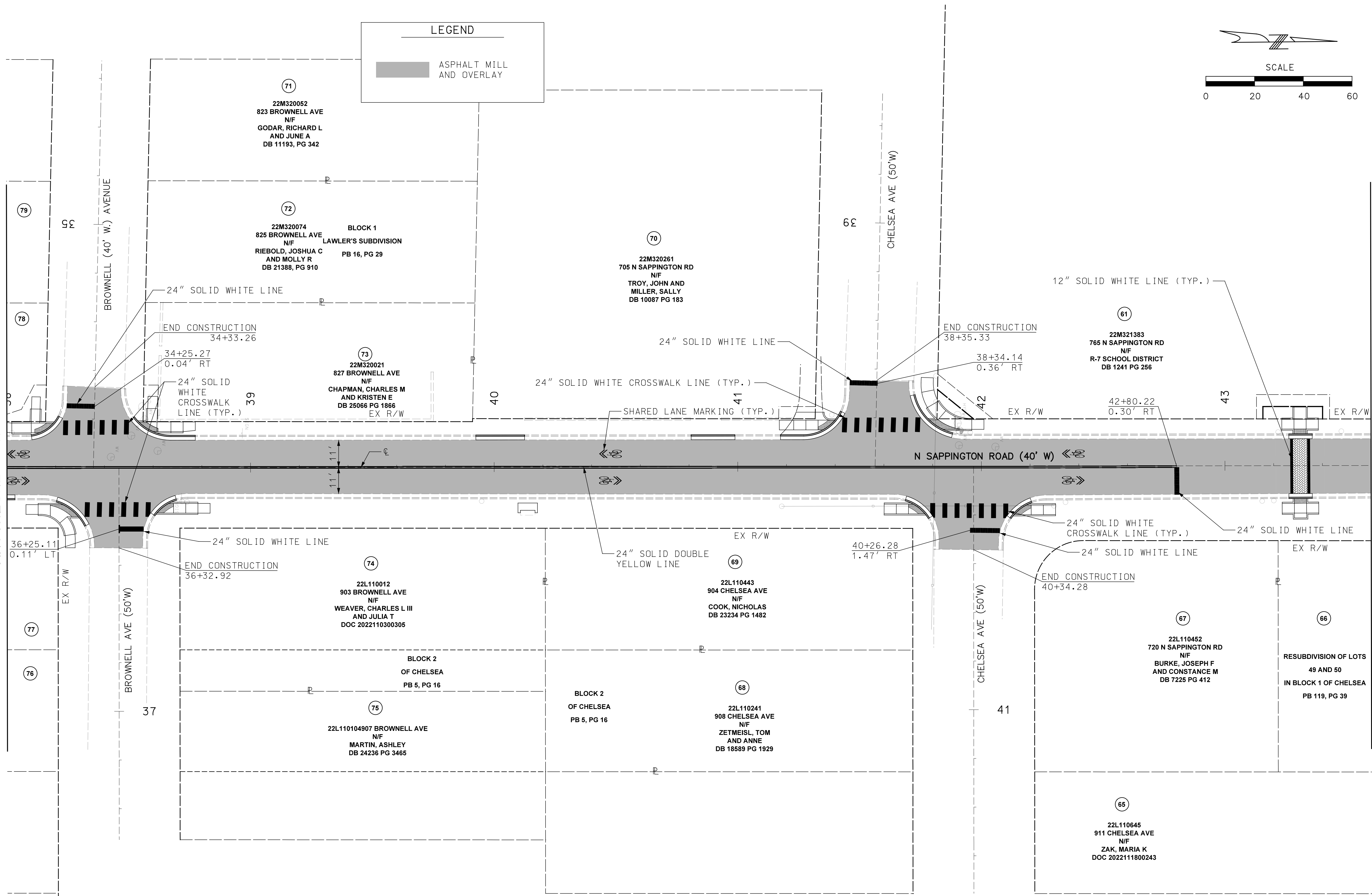
399 S SPRING AVENUE, SUITE 208 B
SAINT LOUIS, MISSOURI 63110
P (314) 621-3395 F (314) 621-3288
WWW.LOCHGROUP.COM
MISSOURI STATE ENGINEERING CORPORATION
CERTIFICATE/LICENSE NO. 2002011852

CITY OF GLENDALE, MO
NORTH SAPPINGTON
ROAD PRESERVATION
SIGNING AND STRIPING
PLANS SHEET 6 OF 14

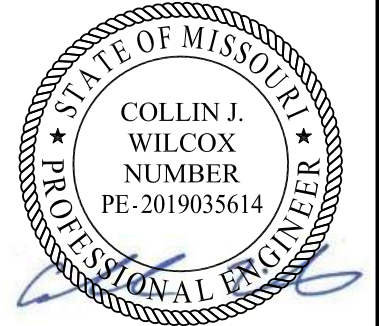
PROJECT/JOB NO.	STP-5568 (604)
MSD PROJECT NO.	25MSD-00108
MSD BASE MAP	22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED	5/18/2026
SHEET	93 OF 102



MATCHLINE STA 38+00



MATCHLINE STA 43+60



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.

REVISIONS		DESCRIPTION
REV	DATE	BY

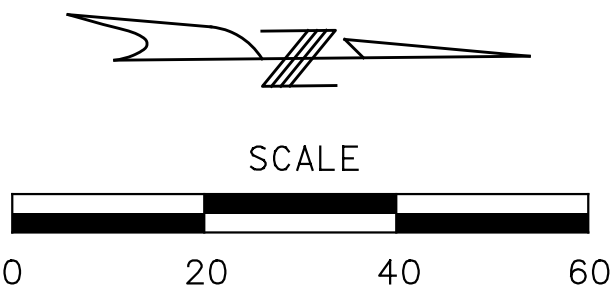
LOCHMUELLER GROUP
399 S SPRING AVENUE, SUITE 208 B
SAINT LOUIS, MISSOURI 63110
P (314) 621-3395 F (314) 621-3288
WWW.LOCHGROUP.COM
MISSOURI STATE ENGINEERING CORPORATION
CERTIFICATE/LICENSE NO. 2002011852

CITY OF GLENDALE, MO
NORTH SAPPINGTON
ROAD PRESERVATION
SIGNING AND STRIPING
PLANS SHEET 8 OF 14

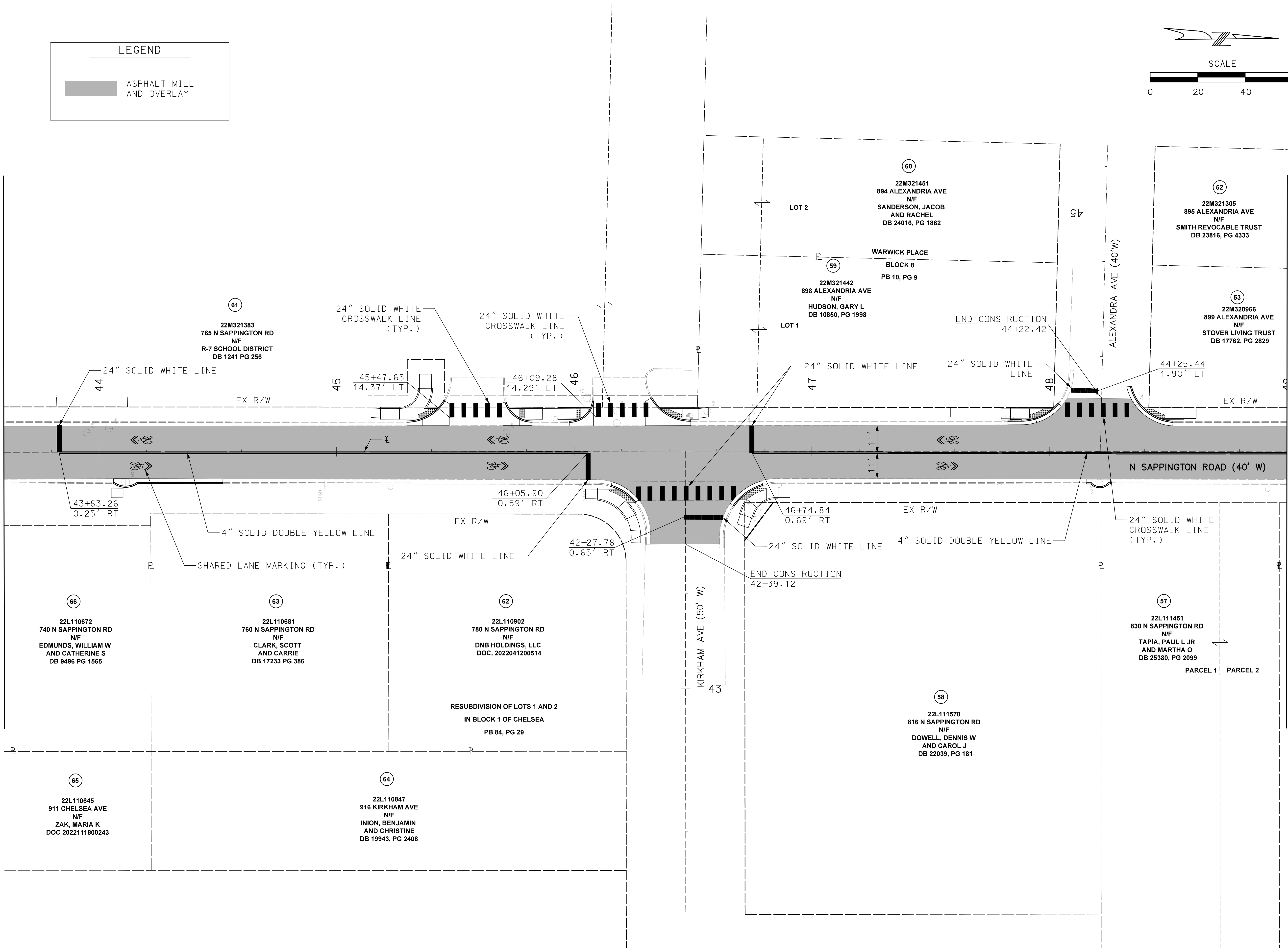
PROJECT/JOB NO.	STP-5568 (604)
MSD PROJECT NO.	25MSD-00108
MSD BASE MAP	22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED	5/18/2026
SHEET	95 OF 102

LEGEND

ASPHALT MILL AND OVERLAY



MATCHLINE STA 43+60



MATCHLINE STA 49+00



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.

REVISIONS		DESCRIPTION
REV	DATE	BY



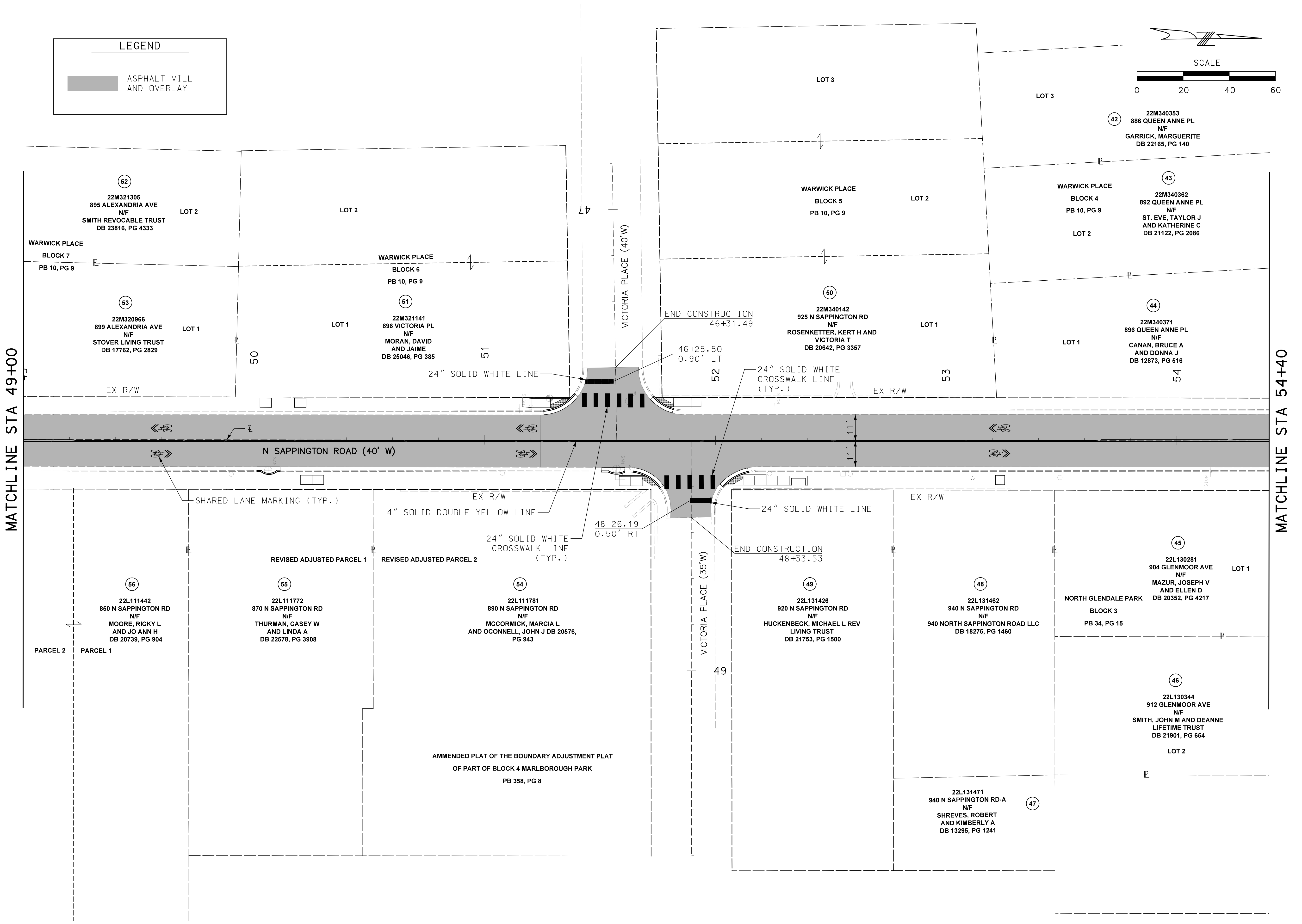
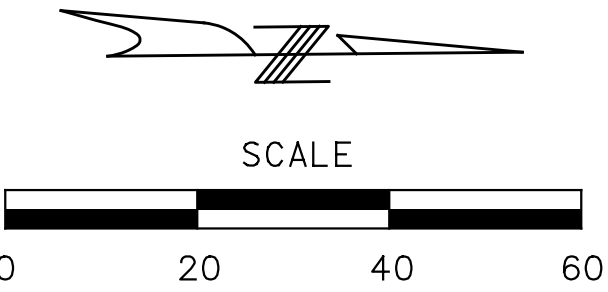
LOCHMULLER GROUP
399 S SPRING AVENUE, SUITE 208 B
SAINT LOUIS, MISSOURI 63110
P (314) 621-3395 F (314) 621-3288
WWW.LOCHGROUP.COM
MISSOURI STATE ENGINEERING CORPORATION
CERTIFICATE LICENSE NO. 2002011852

CITY OF GLENDALE, MO
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	5/18/2026
SHEET	96 OF 102

LEGEND

ASPHALT MILL AND OVERLAY



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.

REVISIONS		DESCRIPTION	
REV	DATE	BY	

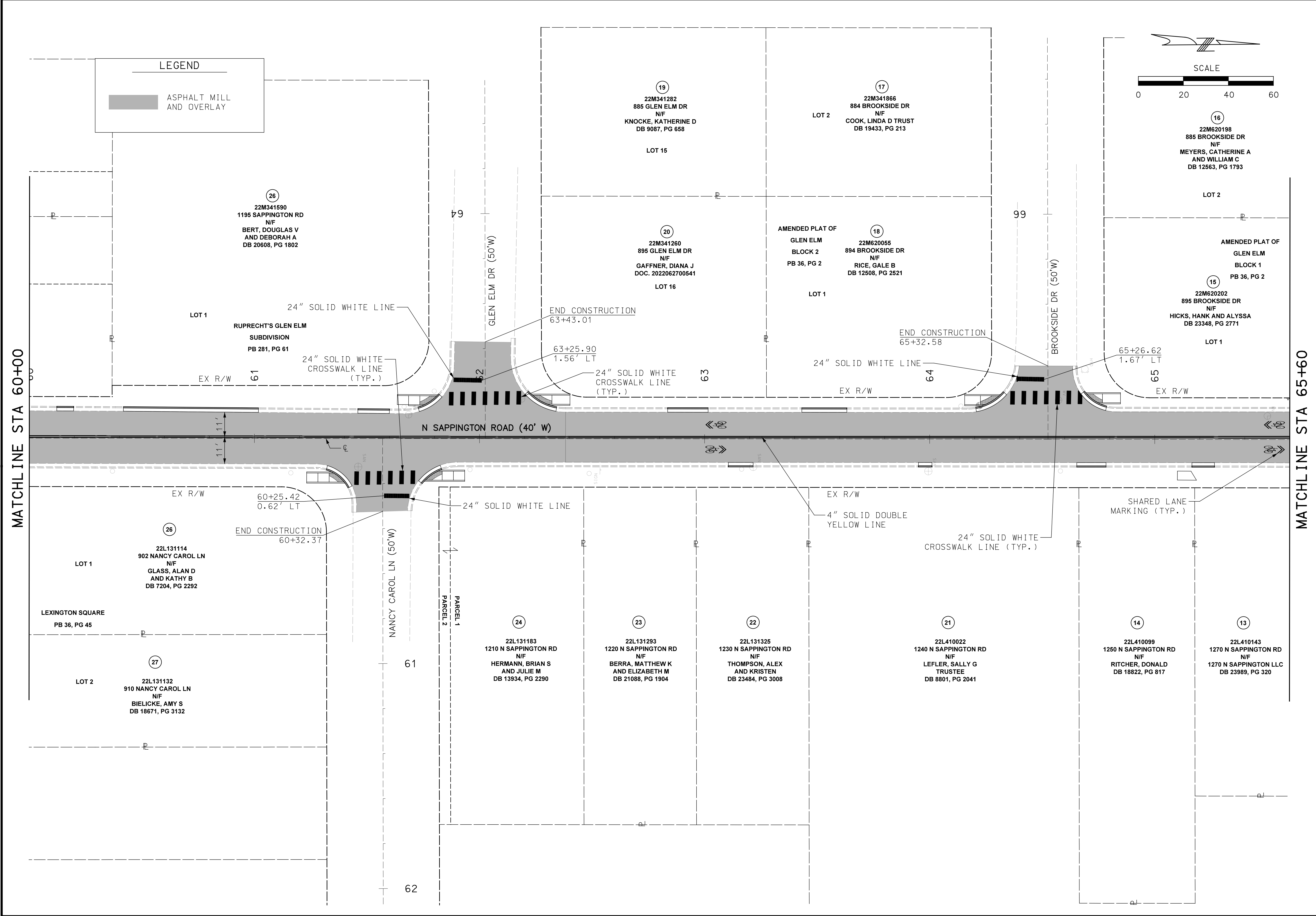


399 S SPRING AVENUE, SUITE 208 B
SAINT LOUIS, MISSOURI 63110
P (314) 621-3395 F (314) 621-3288
WWW.LOCHGROUP.COM
MISSOURI STATE ENGINEERING CORPORATION
CERTIFICATE/LICENSE NO. 2002011852

CITY OF GLENDALE, MO
NORTH SAPPINGTON
ROAD PRESERVATION

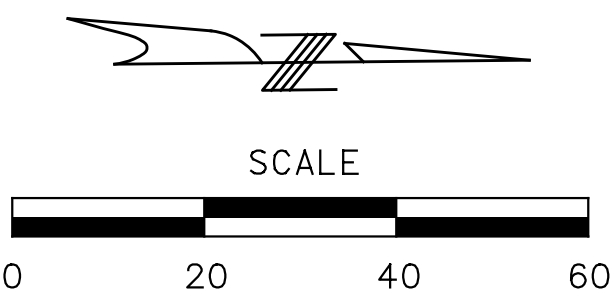
SIGNING AND STRIPING
PLANS SHEET 10 OF 14

PROJECT/JOB NO. STP-5568(604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 5/18/2026
SHEET 97 OF 102



LEGEND

ASPHALT MILL AND OVERLAY



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.

REVISIONS		DESCRIPTION
REV	DATE	BY

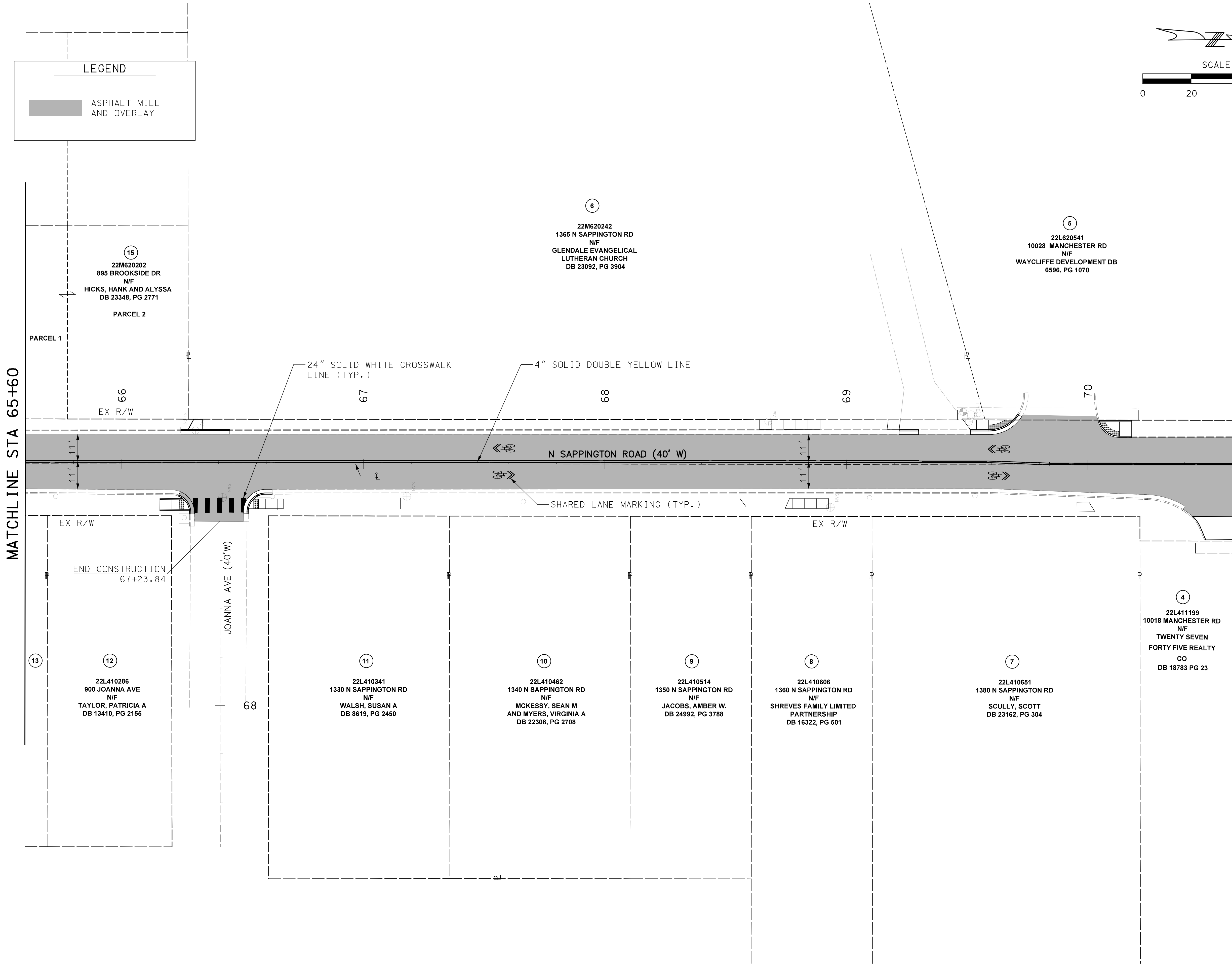
LOCHMUELLER GROUP

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

CITY OF GLENDALE, MO
NORTH SAPPINGTON
ROAD PRESERVATION
SIGNING AND STRIPING
PLANS SHEET 12 OF 14

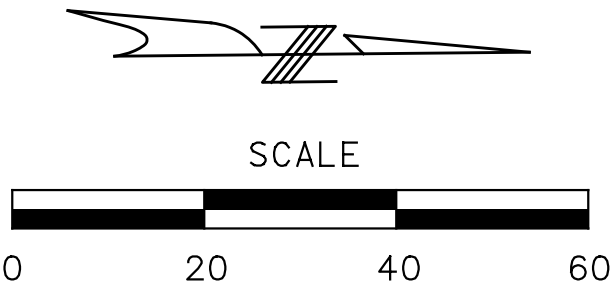
PROJECT/JOB NO. STP-5568 (604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 5/18/2026
SHEET 99 OF 102

MATCHLINE STA 65+60



LEGEND

ASPHALT MILL AND OVERLAY



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.

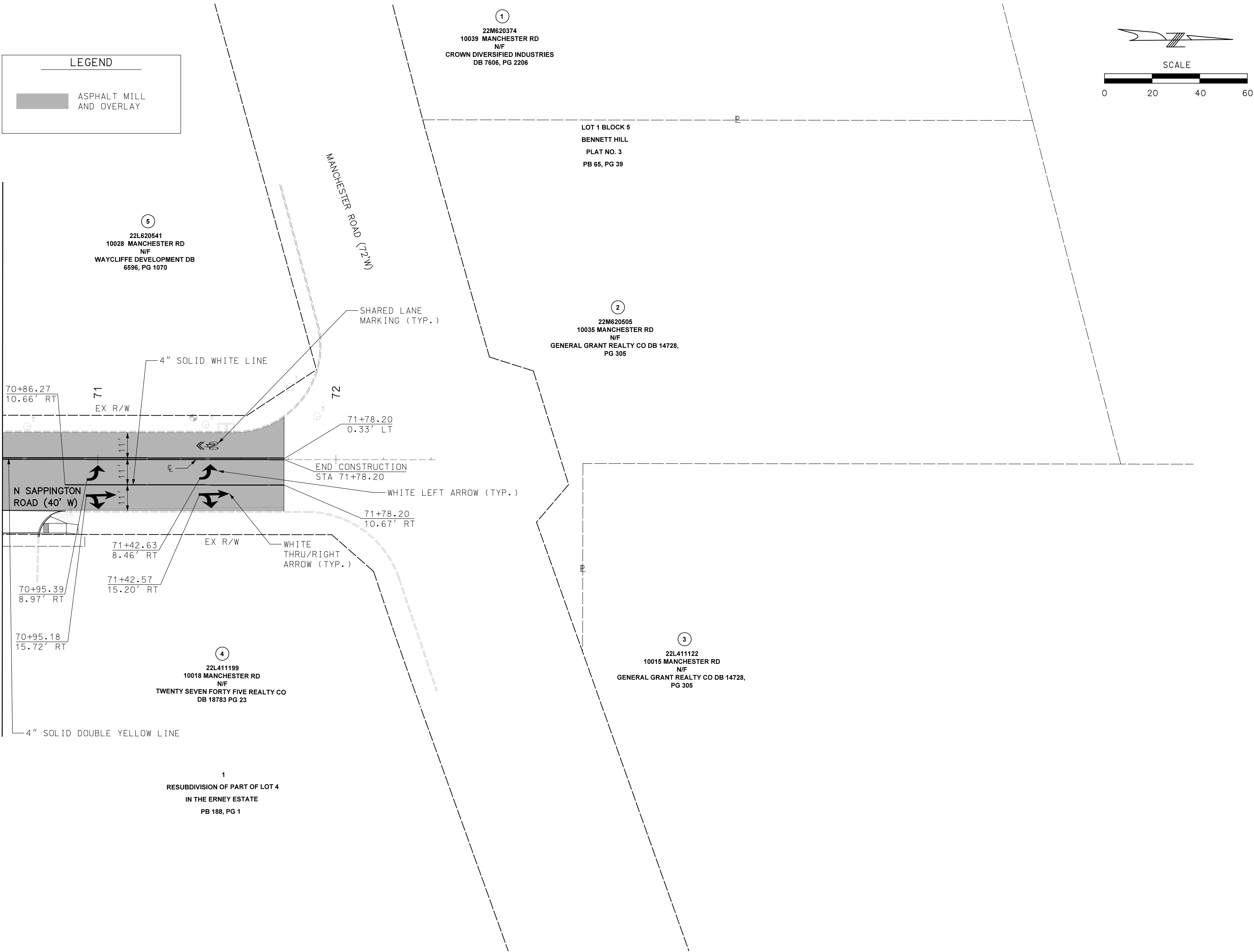
REVISONS		DATE	BY	DESCRIPTION
REV				
1				
2				
3				
4				
5				

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

CITY OF GLENDALE, MO
NORTH SAPPINGTON
ROAD PRESERVATION
SIGNING AND STRIPING
PLANS SHEET 13 OF 14

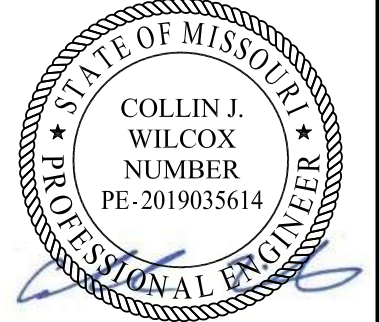
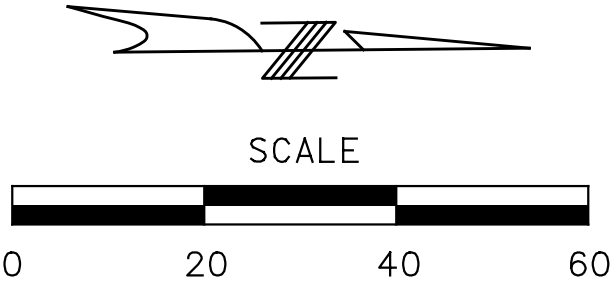
PROJECT/JOB NO. STP-5568 (604)
MSD PROJECT NO. 25MSD-00108
MSD BASE MAP 22L1, 22M3, 22L4, 23M2, 23M3
DATE PREPARED 5/18/2026
SHEET 100 OF 102

MATCHLINE STA 70+60



LEGEND

ASPHALT MILL
AND OVERLAY



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

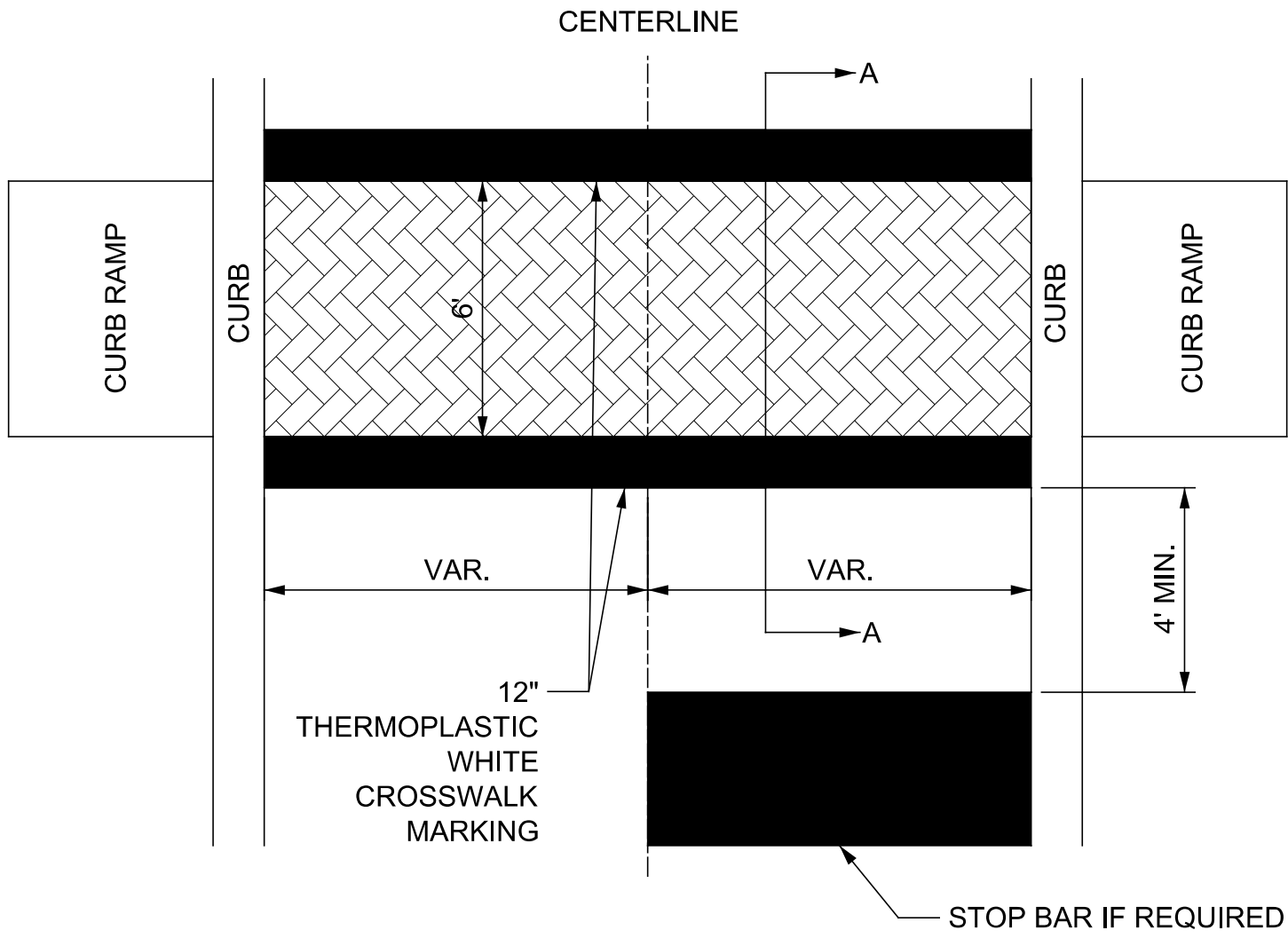
399 S SPRING AVENUE, SUITE 208 B
SAINT LOUIS, MISSOURI 63110
P (314) 621-3395 F (314) 621-3288
WWW.LOCHGROUP.COM

MISSOURI STATE ENGINEERING CORPORATION
CERTIFICATE/LICENSE NO. 2002011852

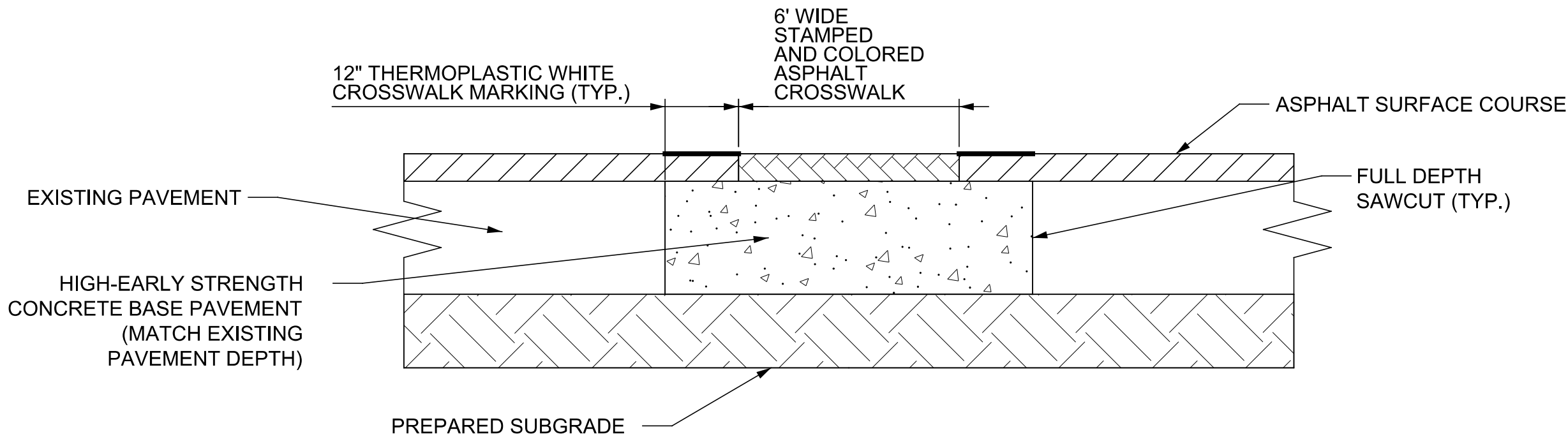
CITY OF GLENDALE, MO
NORTH SAPPINGTON
ROAD PRESERVATION

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 5/18/2026
SHEET 101 OF 102



PLAN VIEW



SECTION "A-A"

DECORATIVE CROSSWALK DETAIL



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.

REVISIONS			DESCRIPTION	
REV	DATE	BY		



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

CITY OF GLENDALE, MO
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 5/18/2026
SHEET 102 OF 102