

ROADWAY CONSTRUCTION PLANS

GEYER ROAD RESURFACING - PHASE 2

DESIGN STANDARDS

SIDEWALK CONSTRUCTION: PROWAG/MODOT STANDARD PLANS
 ROADWAY CONSTRUCTION: MODOT STANDARD PLANS
 SIGNAL/LIGHTING/PAVEMENT MARKING/SIGNING: MODOT STANDARD PLANS

PROJECT SPECIFICATIONS

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION SPECIFICATION BOOK FOR HIGHWAY CONSTRUCTION
 METROPOLITAN ST. LOUIS SEWER DISTRICT (MSD) SPECIFICATIONS FOR SEWERS AND DRAINAGE FACILITIES, LATEST EDITION

DESIGN CRITERIA

DESIGN SPEED	30 MPH
POSTED SPEED	30 MPH
CLASSIFICATION	MAJOR COLLECTOR
2016 AADT	7,799
% TRUCKS	2%

CITY OF KIRKWOOD, MISSOURI 63122
 CHRIS KRUEGER, P.E., CITY ENGINEER

PRELIMINARY PLANS

CITY OF KIRKWOOD, MISSOURI
 GEYER ROAD RESURFACING - PHASE 2
 STP-5502 (609)
 TOWNSHIP 44N
 RANGE 5E SECTIONS 1, 2, 11, & 12



PROJECT AREA LOCATION MAP
 NOT TO SCALE

UTILITY OWNERS	CONTACT PERSON	
MSD	2350 MARKET STREET ST. LOUIS, MO 63103	JOHN GRIMM (314) 768-2743
SPIRE ENERGY (LACLEDE GAS)	4118 SHREWSBURY AVE. SHREWSBURY, MO 63119	BRIAN LANGENBACHER (314) 768-7767
AT&T	12851 MANCHESTER ROAD DES PERES, MO 63131	JIM LASHLEY (636) 402-7027
CITY OF KIRKWOOD - WATER	139 SOUTH KIRKWOOD ROAD KIRKWOOD, MO 63112	CLARENCE PATTERSON (314) 822-5810
CITY OF KIRKWOOD - ELECTRIC	139 SOUTH KIRKWOOD ROAD KIRKWOOD, MO 63112	RICK MCKINLEY (314) 984-5925
VERIZON MCI	500 TECHNOLOGY DRIVE WELDON SPRING, MO 63304	JOHN GARST (636) 399-0244

APPROVED BY:

 CITY ENGINEER

 DATE

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UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE INFORMATION AND THEREFORE THEIR LOCATIONS SHALL BE CONSIDERED APPROXIMATE ONLY. THE VERIFICATION OF THE LOCATION OF ALL UNDERGROUND UTILITIES, EITHER SHOWN OR NOT SHOWN ON THESE PLANS, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THEY SHALL BE LOCATED PRIOR TO ANY GRADING OR CONSTRUCTION OF THE IMPROVEMENTS
 MISSOURI ONE CALL: 1-800-DIG-RITE (1-800-344-7483)

INDEX OF SHEETS

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ENGINEERS AUTHENTICATION

THE RESPONSIBILITY FOR PROFESSIONAL ENGINEERING LIABILITY ON THIS PROJECT IS HEREBY LIMITED TO THIS SET OF PLANS AUTHENTICATED BY THE SEAL, SIGNATURE AND DATE HEREUNDER ATTACHED.

RESPONSIBILITY IS DISCLAIMED FOR ALL OTHER ENGINEERING PLANS INVOLVED IN THIS PROJECT AND SPECIFICALLY EXCLUDES REVISIONS AFTER THIS DATE UNLESS REAUTHENTICATED.

C. M. T.

 SIGNATURE

 DATE

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SHEET NO.
 1

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GENERAL NOTES

- ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND PART OF THE CONSTRUCTION OF THIS PROJECT.
- THE BASIS OF BEARING IS GRID NORTH, MISSOURI COORDINATE SYSTEM 1983, EAST ZONE. VERTICAL DATUM IS NAVD88.
- SEE SIGNING AND PAVEMENT MARKING SHEETS FOR SIGNING RELATED REMOVALS.
- SEE SIGNAL SHEETS FOR SIGNAL RELATED REMOVALS.
- 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 ON OR WITHIN THE VICINITY OF THE PROJECT LIMITS.
- CONTRACTOR SHALL REFERENCE AND FOLLOW THE MODOT ADA CHECKLIST WHEN LAYING OUT AND CONSTRUCTING CURB RAMPS, LANDINGS, SIDEWALK, PAVED APPROACH SIDEWALK CONNECTIONS, PEDESTRIAN SIGNALS, AND ANY OTHER PEDESTRIAN ITEMS ON THIS PROJECT.
- 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.
- RADII AT INTERSECTION QUADRANTS SHALL MATCH EXISTING, UNLESS THERE ARE RADIUS IMPROVEMENTS AS SHOWN ON THE PLANS.
- SAWCUTS ARE REQUIRED ALONG FACE OF EXISTING CURBS AT INTERSECTION QUADRANTS. SAWCUT LINES ARE NOT CALLED OUT ON THE PLANS.
- SAWCUTS ARE REQUIRED AT THE FRONT AND BACK OF PAVED APPROACHES. SAWCUT LINES ARE NOT CALLED OUT ON THE PLANS.
- TRUNCATED DOMES SHALL BE YELLOW IN COLOR ON ALL CURB RAMPS / LANDINGS.
- ALL DRAINAGE STRUCTURES ARE TO BE USED IN PLACE UNLESS NOTED. ADJUSTMENTS OF STRUCTURES WILL CONFORM WITH MSD REQUIREMENTS.
- INSTALLATION OF SIGNAL CONDUIT, PULL BOXES, AND POST FOUNDATIONS WILL RESULT IN EXISTING AREAS BEING DISTURBED. NO ADDITIONAL PAYMENT WILL BE MADE TO RESTORE THE AREAS BACK TO THEIR ORIGINAL CONDITIONS, UNLESS SPECIFICALLY SHOWN ON THE PLANS.
- REFER TO THE JSPs FOR ADDITIONAL REQUIREMENTS AT CITY INTERSECTIONS.
- EXISTING CITY OF KIRKWOOD RIGHT OF WAY ON THE PROJECT IS CALLED OUT AS "EXIST. R/W". EXISTING RAILROAD RIGHT OF WAY IS CALLED OUT AS "RAILROAD R/W".
- THE CONTRACTOR SHALL FOLLOW THE CITY OF KIRKWOOD'S STANDARD DRAWINGS AND DETAILED SPECIFICATIONS FOR PAVEMENT RESTORATION FOR ANY DISTURBED AREAS DURING CONSTRUCTION INSIDE CITY R/W. THIS INCLUDES, BUT NOT LIMITED TO, BORING OPERATIONS, PAVEMENT CORING, AND ANY OTHER NECESSARY WORK NEEDED FOR CONSTRUCTION OPERATIONS. NO ADDITIONAL PAYMENT WILL BE MADE TO RESTORE THE AREAS BACK TO THEIR ORIGINAL CONDITIONS, UNLESS SPECIFICALLY SHOWN ON THE PLANS. THE CITY'S STANDARDS CAN BE FOUND AT: <http://www.kirkwoodmo.org/mm/files/Engineering/Standard%20Construction%20Details.pdf>

MSD NOTES

- ALL STORM AND SANITARY SEWER STRUCTURES AND APPURTENANCES TO BE DEDICATED TO MSD, OR TO BE PRIVATE UNDER MSD INSPECTIONS, SHALL CONFORM TO THE METROPOLITAN ST. LOUIS SEWER DISTRICT, STANDARD CONSTRUCTION SPECIFICATIONS FOR SEWERS AND DRAINAGE FACILITIES, 2009. THAT WILL INCLUDE STANDARD DETAILS SHOWN THEREIN, AND SHALL INCLUDE ALL SUBSEQUENT CHANGES MADE THERETO.
- A MINIMUM 6 INCH CURB OPENING SHALL BE MAINTAINED AT ALL INLETS IN OVERLAY AREAS. (SEE DETAIL SHEET #59 IN MSD'S STANDARD CONSTRUCTION SPECIFICATIONS FOR SEWERS AND DRAINAGE FACILITIES, 2009). SEE TYPICAL SECTION SHEET 3 FOR THIS DETAIL.

LEGEND


EXISTING ROADWAY EASEMENT	----
EXISTING RIGHT-OF-WAY	----
SAWCUT LINE	----
PROPOSED RIGHT-OF-WAY	=====
PROPERTY LINE	—X—
FENCE	—X—
EXISTING CABLE TV LINE	—UTV—
PROPOSED POWER/CABLE TV LINE	—UTV—
TELEPHONE LINE	—UT—
OVERHEAD POWER LINE	—OE—
UNDERGROUND POWER LINE	—UE—
PROPOSED UNDERGROUND POWER LINE	—UE—
FIBER LINE	—FO—
GAS LINE	—G—
WATERMAIN	—W—
EXIST. GUARDRAIL	○○○○○○○○○○
GATE VALVE WITH VALVE BOX.	⊗
FIRE HYDRANT ASSEMBLY	⊗
MJ PLUG WITH THRUST BLOCK	L
EXIST. VEGETATION	⊗
EXIST. SANITARY SEWER MANHOLE	⊕ SAN
EXIST. STORM MANHOLE	⊕ STORM
ELECTRICAL MANHOLE	⊕ ELEC MH
ELECTRICAL METER	⊕ EM
TELEPHONE MANHOLE	⊕ TMH
GAS DISCONNECT	⊕ GD
TELEPHONE AND CABLE	⊕ T&C
FIRE HYDRANT	⊕ HYD
SPRINKLER HEAD	A
WATER SPIGOT	⊕
IRRIGATION CONTROL VALVE	⊕ ICV
WATER VALVE	⊕ WV
WATER METER	⊕ WM
GAS VALVE	⊕ GV
GAS METER	⊕ GM
POWER SUPPLY	⊗ WOODOT
EXISTING POWER POLE	⊕ PP
POWER POLE	⊕
TELEPHONE POLE	⊕ TELE
GUY WIRE	X
GUY WIRE	⊕ GUY
POWER AND LIGHT	⊗ PAL
TELEPHONE PEDESTAL	⊕ PED
MAILBOX	⊕
PROPOSED ROAD	—
SIGN	↑
TRAFFIC MOVEMENT	↑
ADJUST TO GRADE	(ATG)
TO BE REMOVED	(R)
TO BE REMOVED AND REPLACED	(R&R)
TO BE RELOCATED	(RELOC.)
USE IN PLACE	(UIP)
DO NOT DISTURB	(DND)
TO BE ABANDONED	(TBA)
TO BE ABANDONED AND FILLED	(TBA&F)
TO BE REMOVED BY OTHERS	(TBRBO)
REMOVED BY OTHERS	(RBO)
REMOVED AND RELOCATED	(R&RELOC.)
TYPICAL	(TYP.)
CURB AND GUTTER	(C&G)
SLOPE LIMITS	SLC/SLF
EXISTING HOUSE	H
EXISTING BUILDING	B
PERMANENT SIDEWALK AND UTILITY EASEMENT	P.S.U.E.
PERMANENT UTILITY EASEMENT	P.U.E.
TEMPORARY CONSTRUCTION EASEMENT	T.C.E.
CONCRETE	CONC.
PROFILE GRADE LINE	PGL

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TYPICAL SECTIONS & GENERAL NOTES
SHEET 1 OF 2

CITY OF KIRKWOOD, MISSOURI
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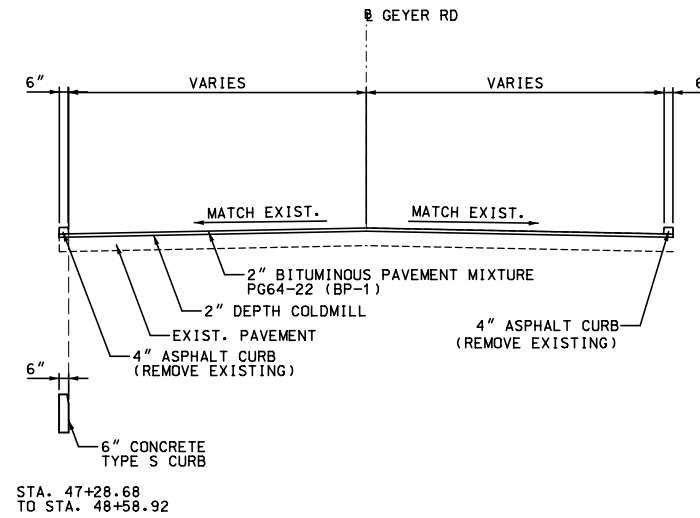
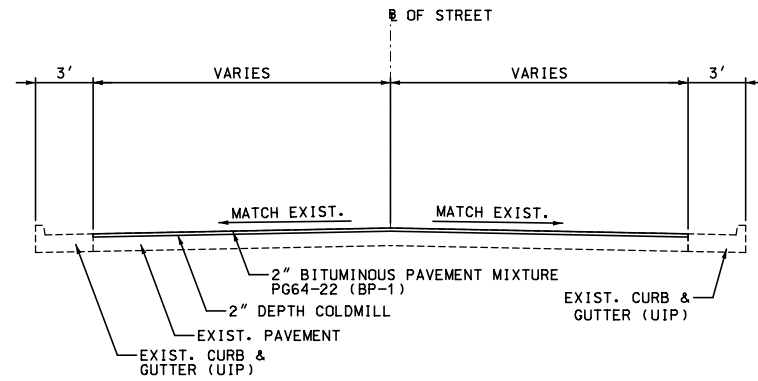
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SHEET 2 OF 37	

002_GeneralNotes.dgn

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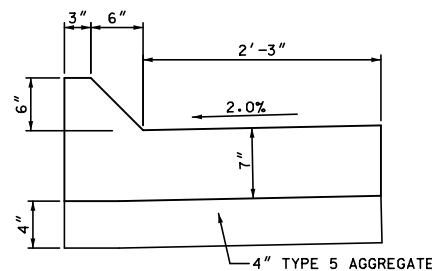
1 TYPICAL COLDMILL AND OVERLAY OF STREETS

GEYER RD.	STA. 0+51.73 TO STA. 47+28.68
W JEFFERSON AVE.	STA. 5+00.00 TO STA. 5+36.77
W ARGONNE DR.	STA. 4+53.84 TO STA. 5+37.65
W MADISON AVE.	STA. 5+00.00 TO STA. 5+38.76
W MONROE AVE.	STA. 4+62.70 TO STA. 5+37.41
MONROE PL.	STA. 5+00.00 TO STA. 5+42.79
NIRK AVE.	STA. 4+46.72 TO STA. 5+00.00
ALPHONSE DR.	STA. 4+67.26 TO STA. 5+00.00
ERBER DR.	STA. 4+04.25 TO STA. 5+00.00
W WOODBINE AVE.	STA. X+XX.XX TO STA. 5+48.34
ROSEWOOD LN.	STA. 4+67.69 TO STA. 5+00.00
WOODARD DR.	STA. 4+59.93 TO STA. 5+00.00
MCLAIN LN.	STA. 4+66.20 TO STA. 5+00.00
W ROSE HILL AVE.	STA. 4+50.55 TO STA. 5+46.16
ROLLINGWOOD LN.	STA. 5+00.00 TO STA. 5+20.61
ASHWOOD LN.	STA. 5+00.00 TO STA. 5+38.29

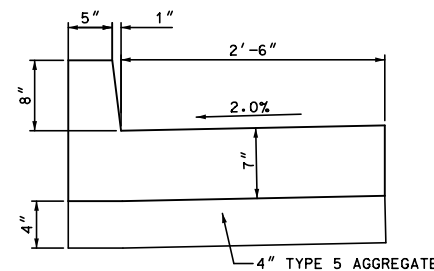
2 TYPICAL SECTION GEYER ROAD

GEYER RD. STA. 47+28.68 TO STA. 59+59.23

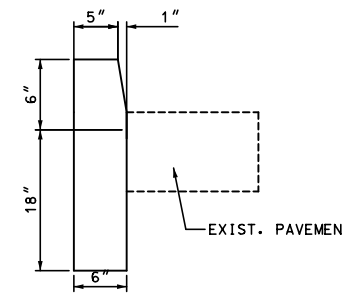
NOTE: UIP EXISTING CONCRETE TYPE S CURB FROM STA. 56+59.96 TO STA 59+59.23



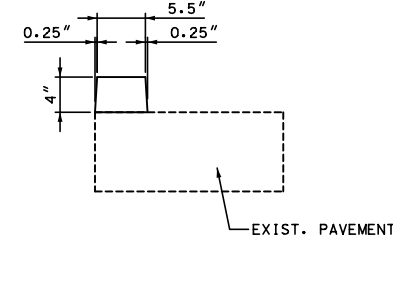
CURB & GUTTER
TYPE A (MOUNTABLE)



CURB & GUTTER
TYPE B (BARRIER)



6" CONCRETE TYPE S
SEPERATED CURB



4" ASPHALT CURB

TYPICAL SECTIONS
SHEET 2 OF 2

CITY OF KIRKWOOD, MISSOURI
GEYER ROAD RESURFACING - PHASE 2
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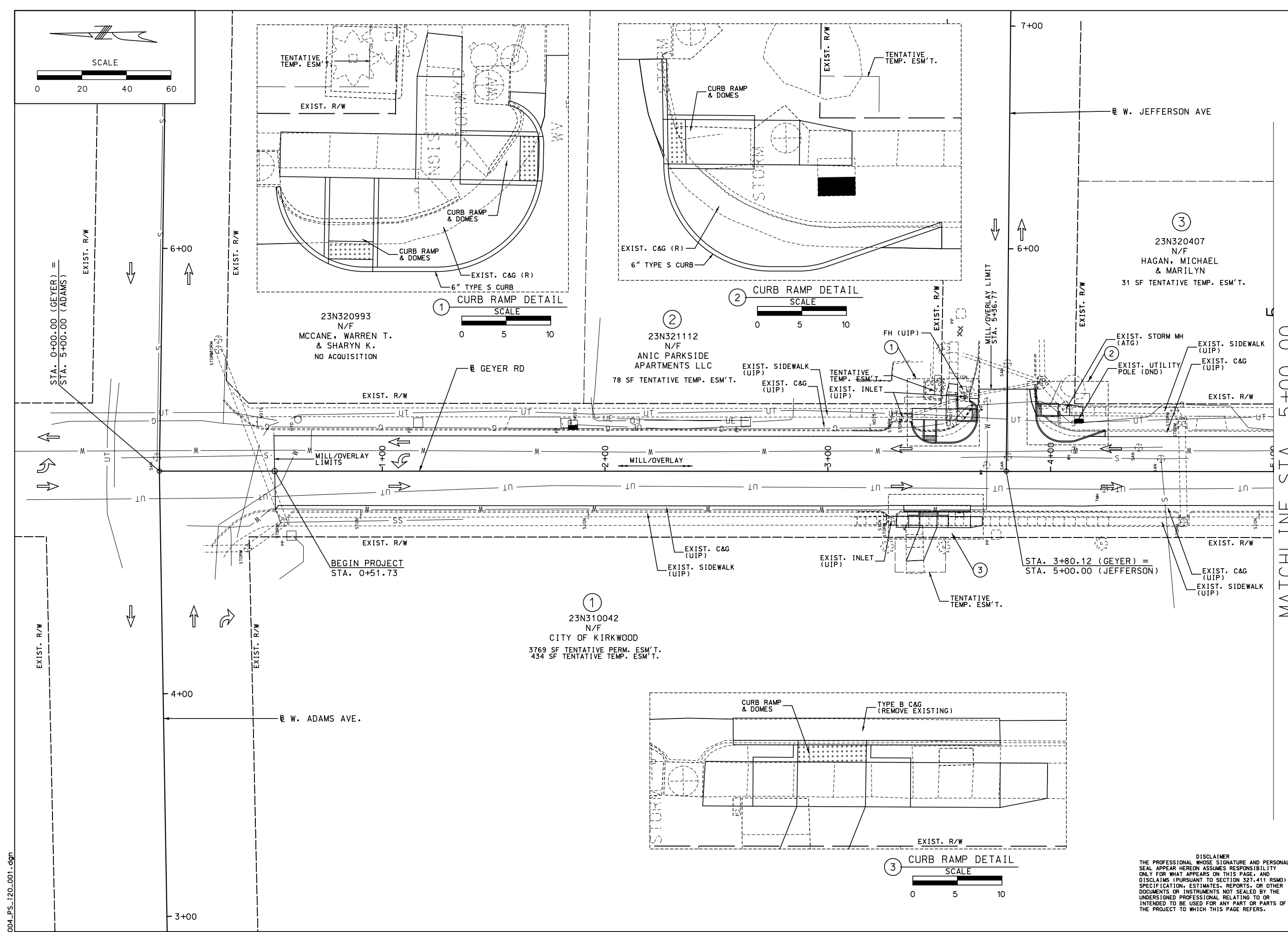
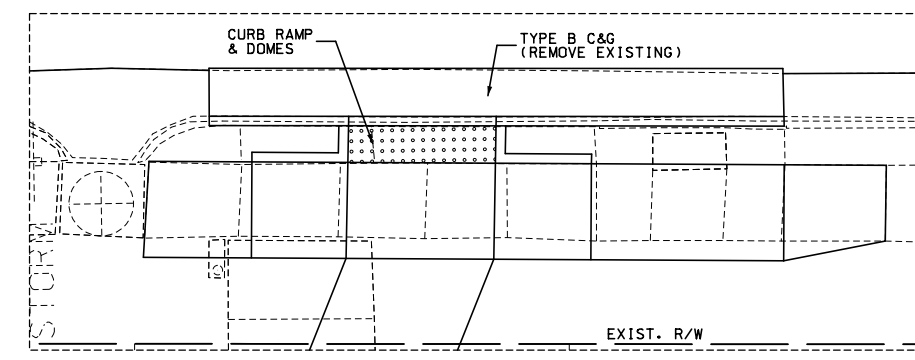
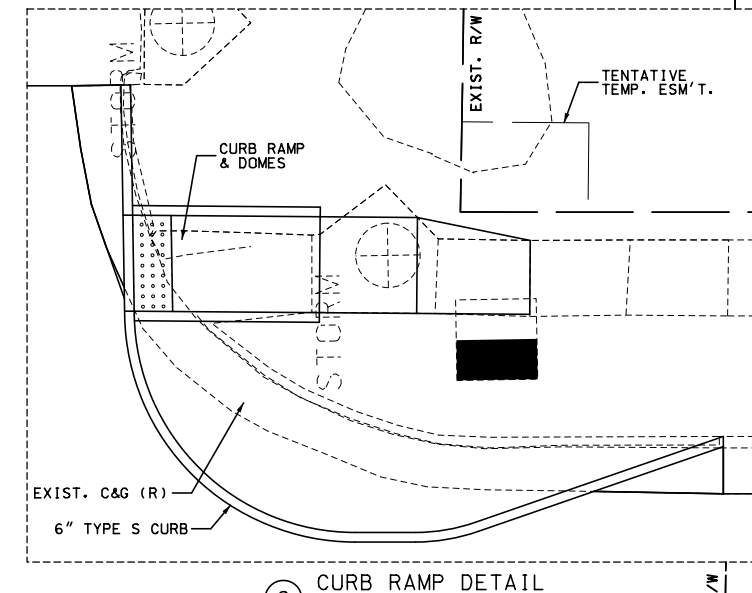
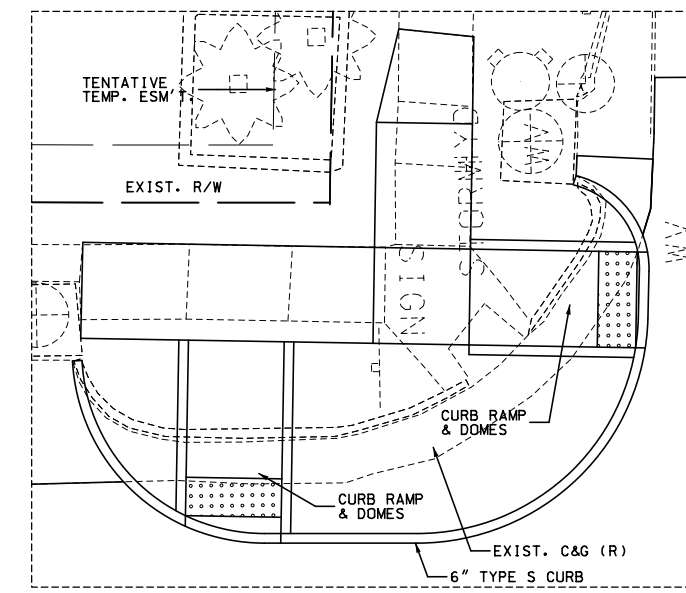
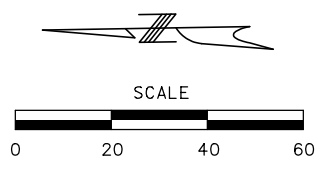


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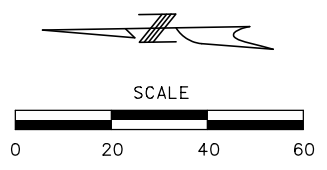
PLAN SHEET
SHEET 1 OF 14

CITY OF KIRKWOOD, MISSOURI
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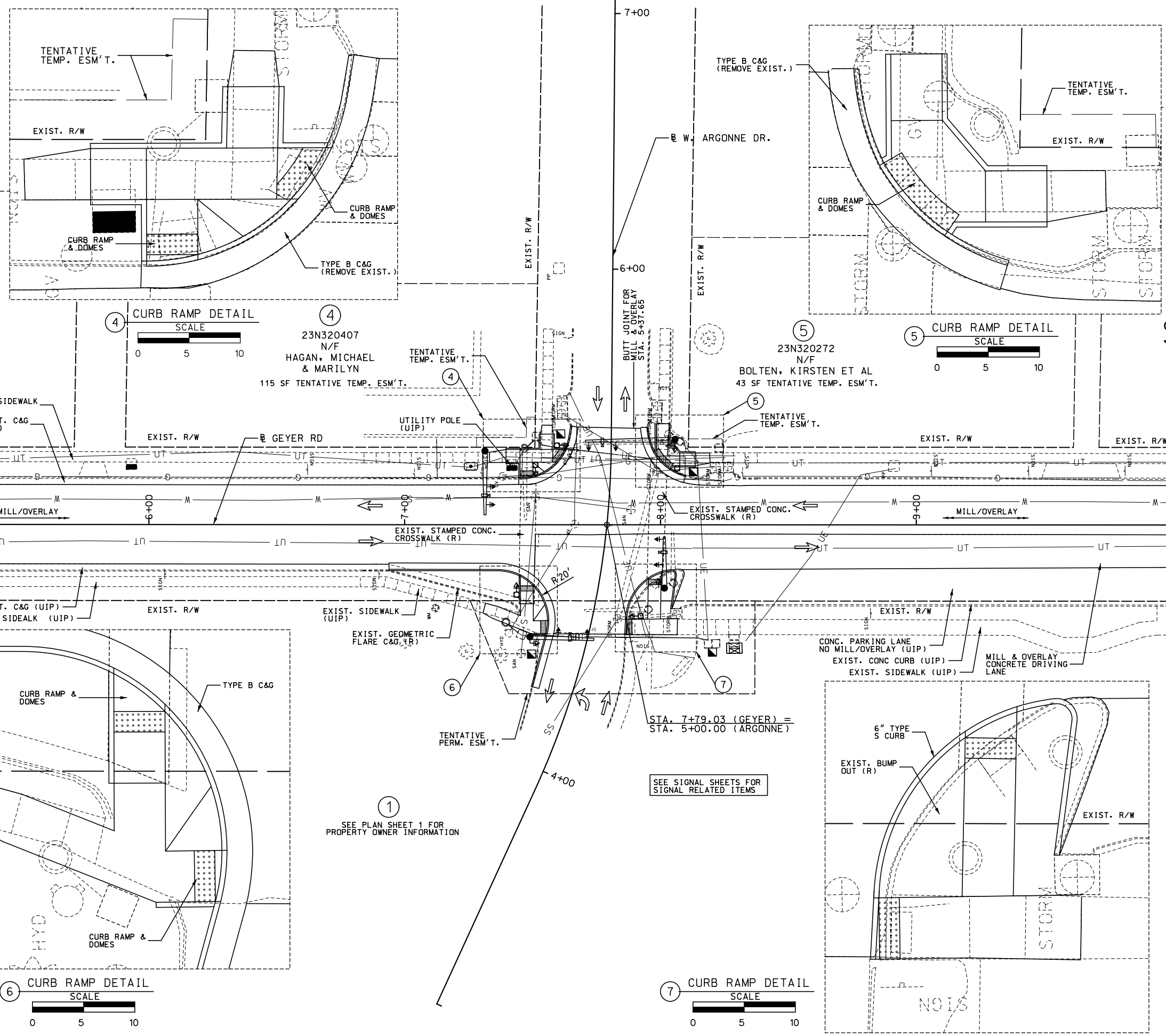
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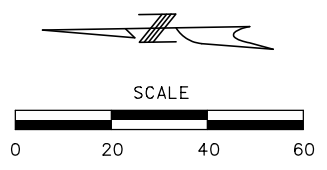
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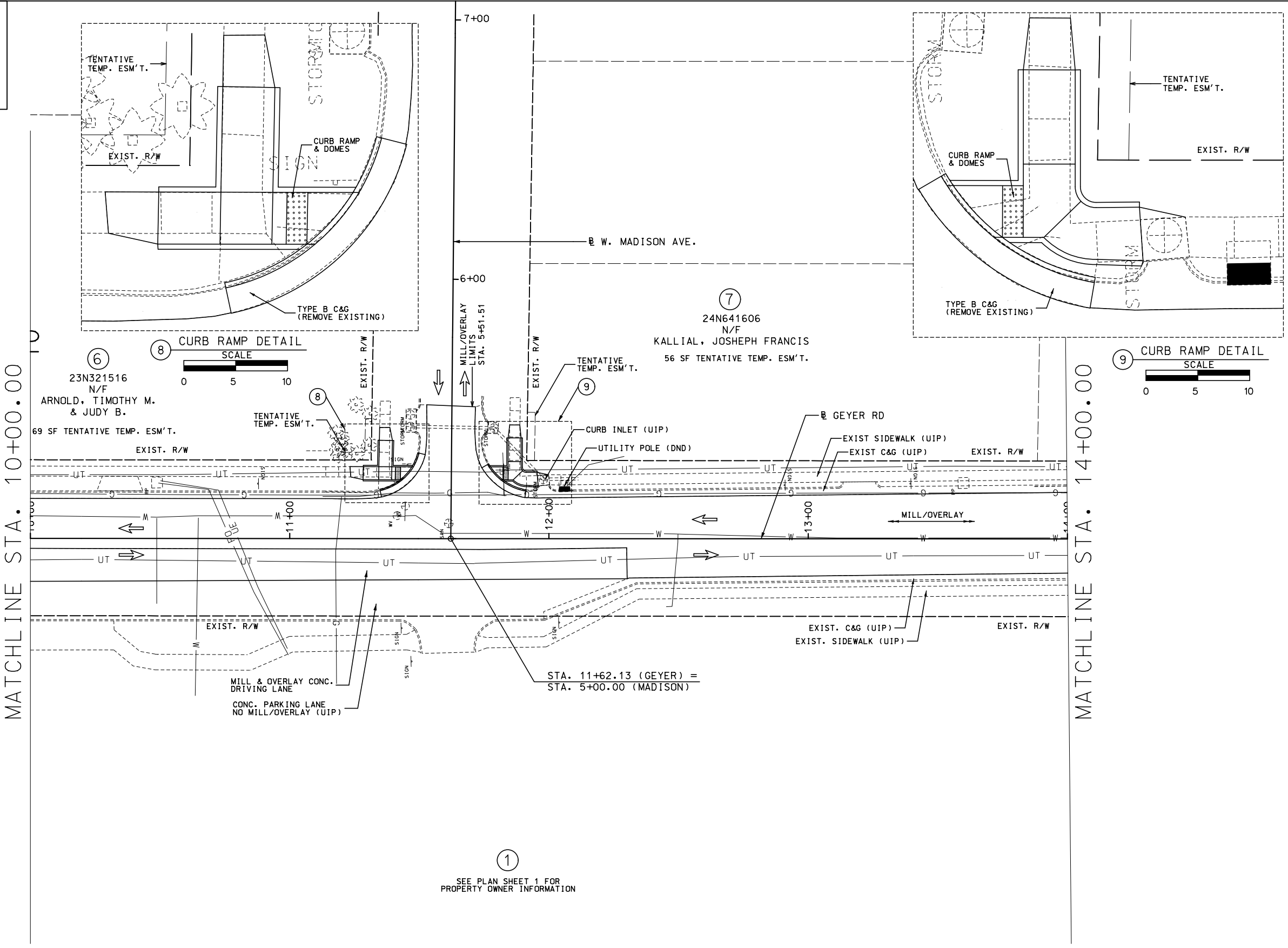
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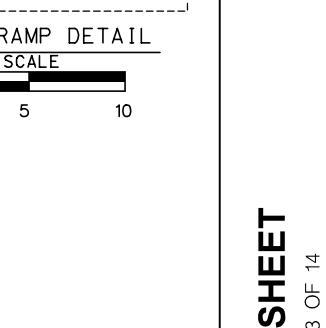
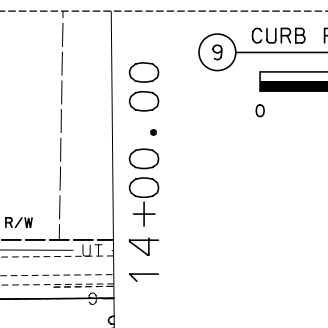
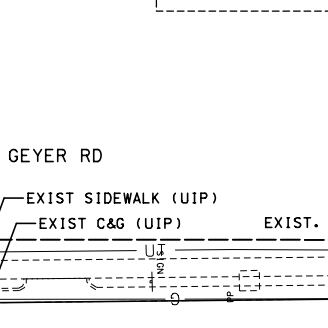
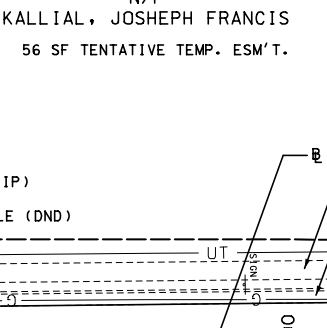
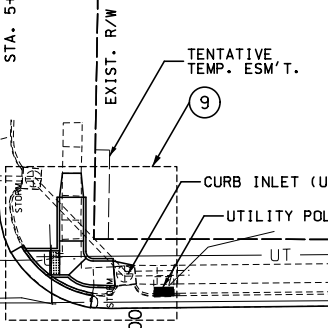
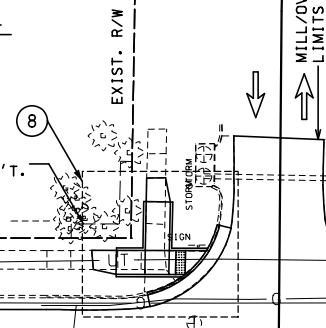
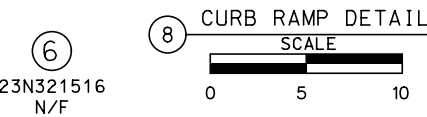


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 PROPERTY OWNER INFORMATION

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PLAN SHEET
 SHEET 3 OF 14

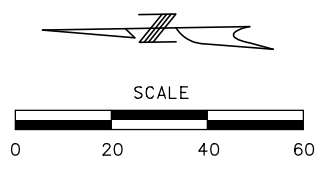
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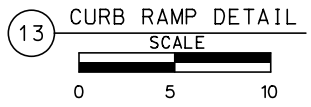
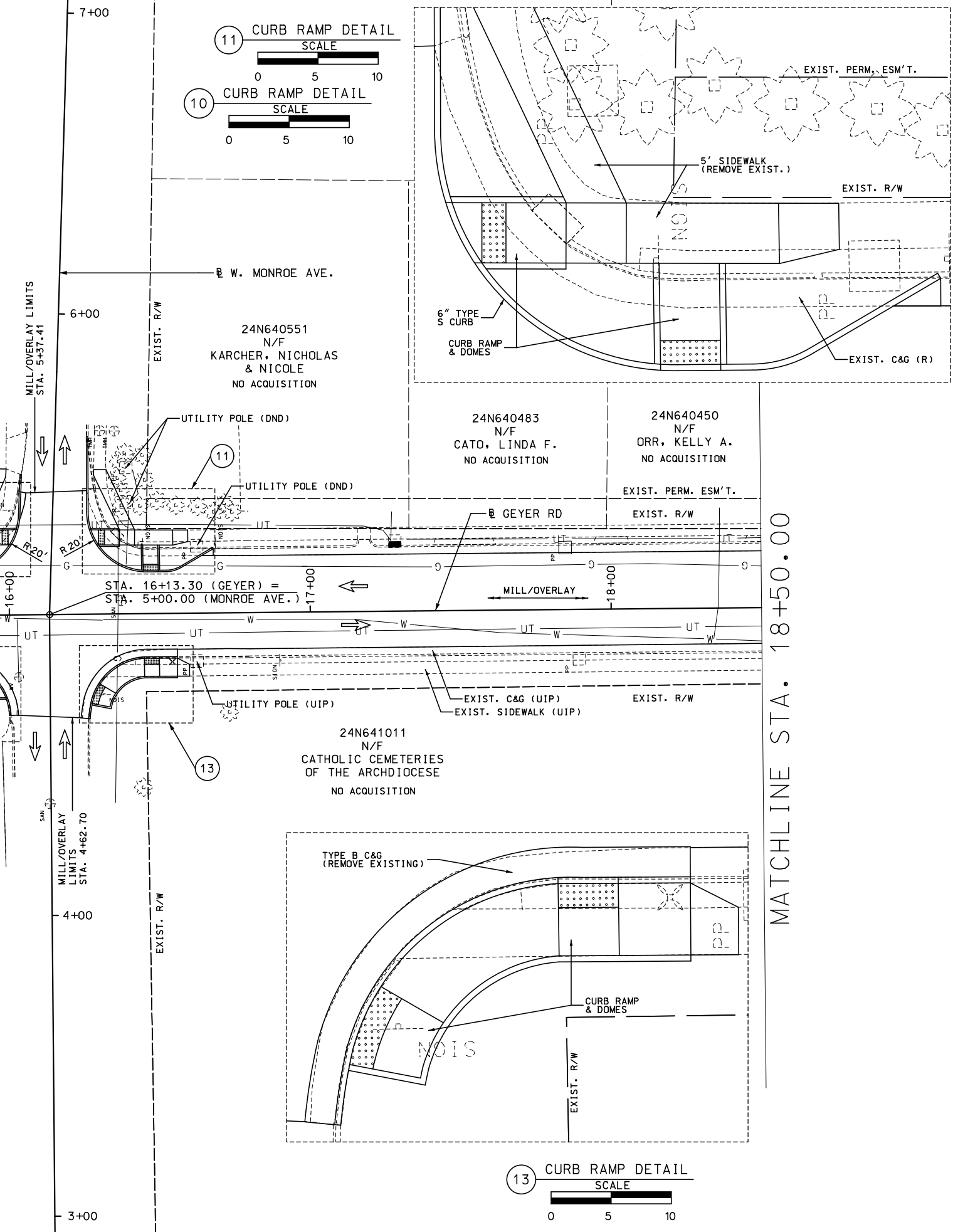
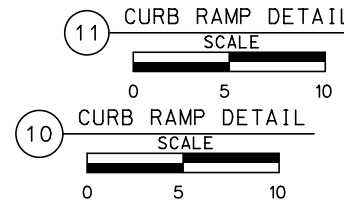
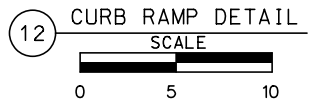
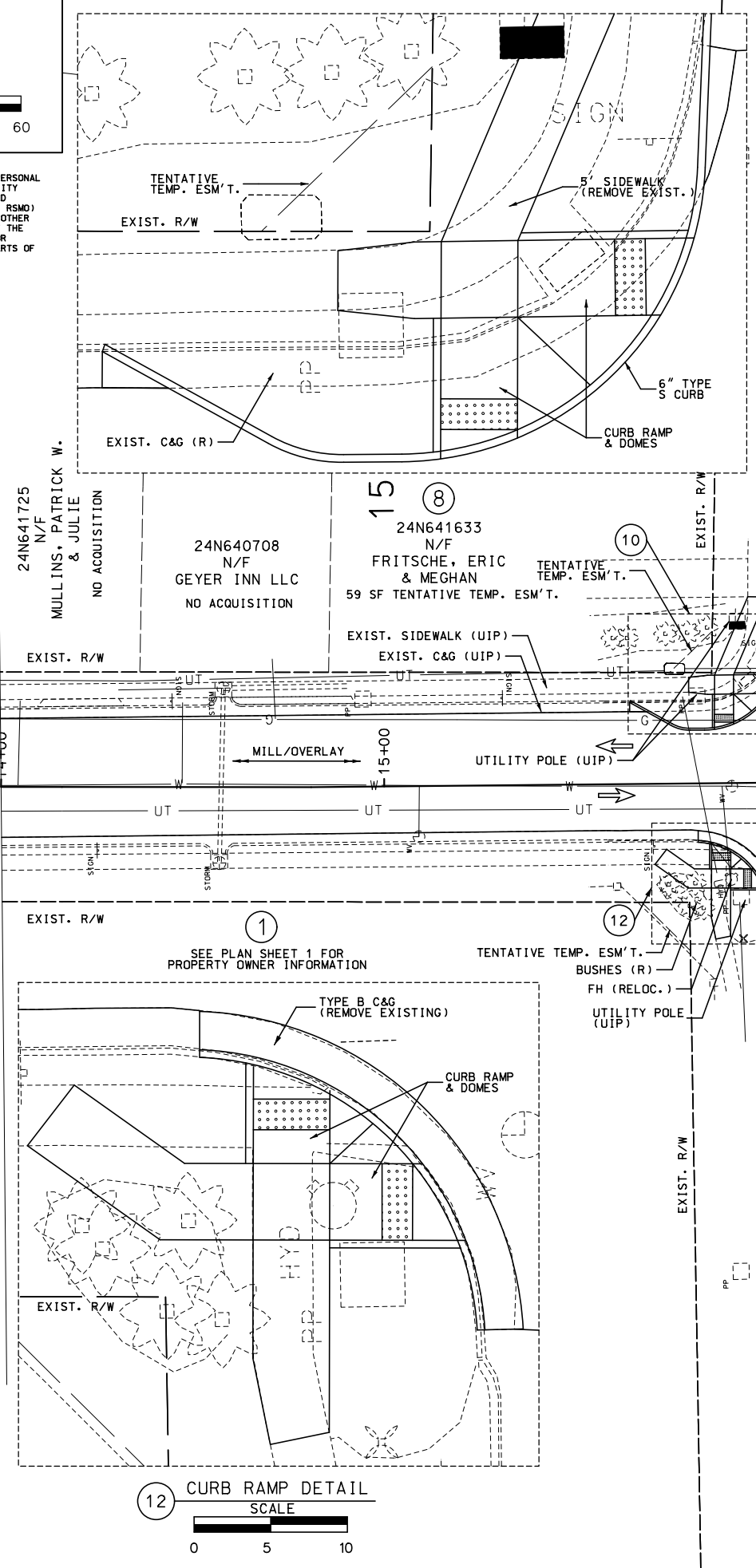
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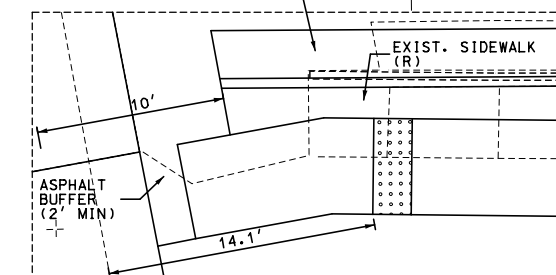
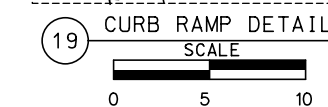
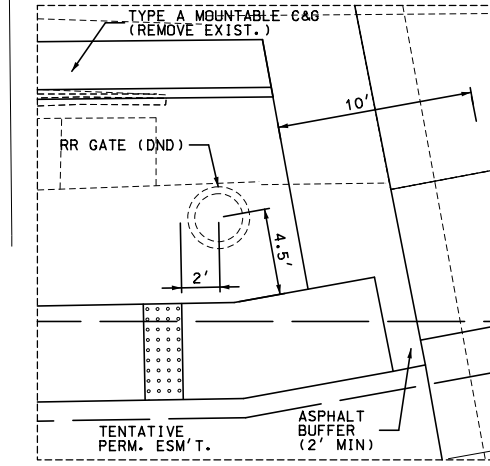
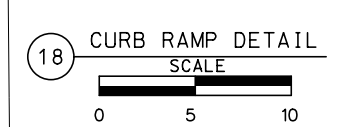
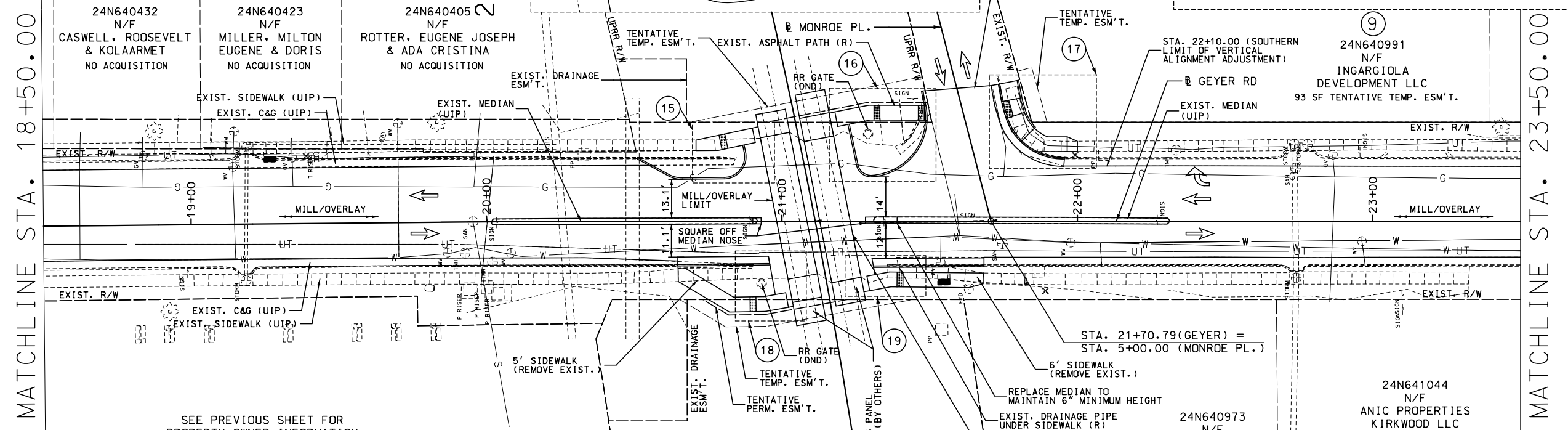
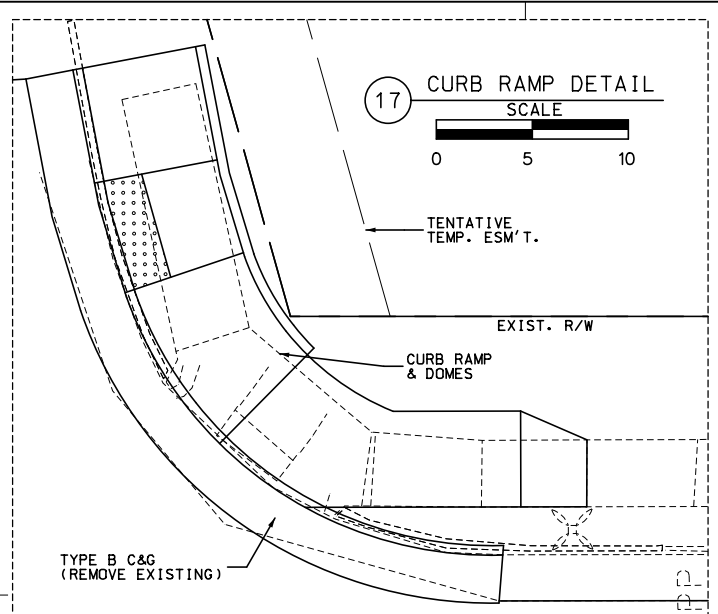
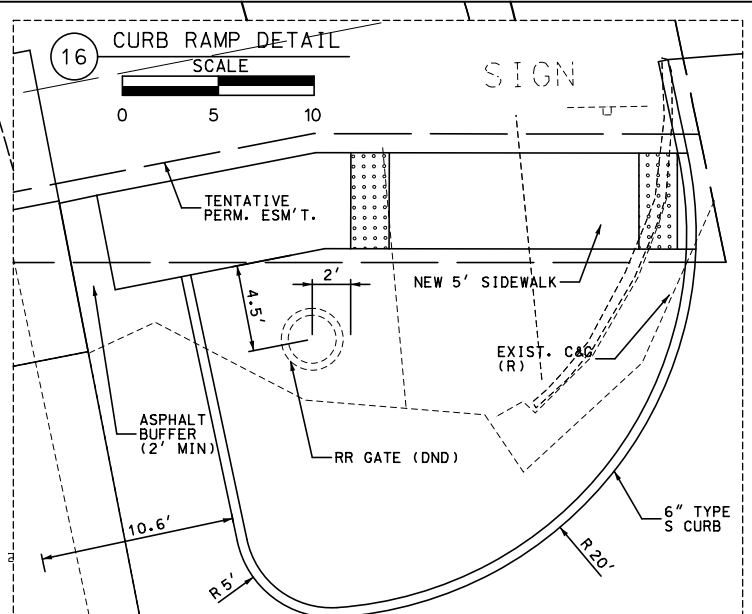
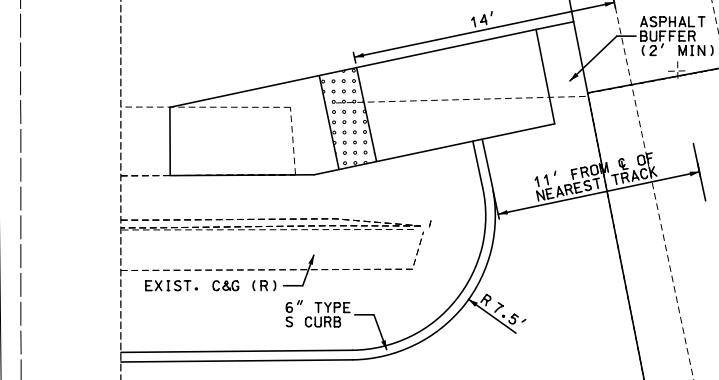
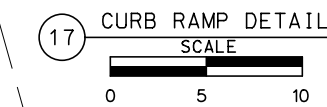
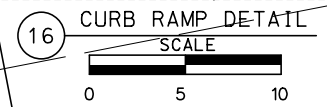
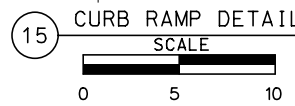
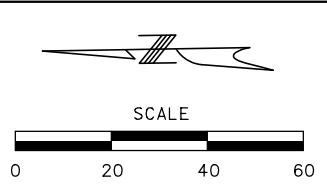
DATE: 3/11/2022

JOB No: 19040128

SHEET 7 OF 37

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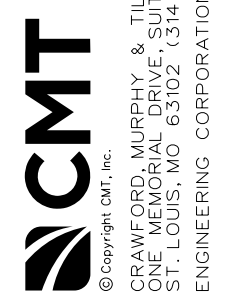


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PLAN SHEET
SHEET 5 OF 14

CITY OF KIRKWOOD, MISSOURI
GEYER ROAD RESURFACING - PHASE 2
STP-5502 (609)

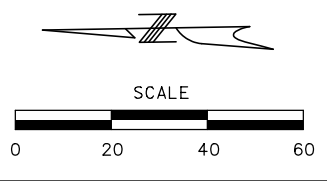


DATE: 3/11/2022
JOB No: 19040128
SHEET 8 OF 37

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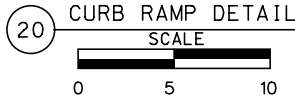
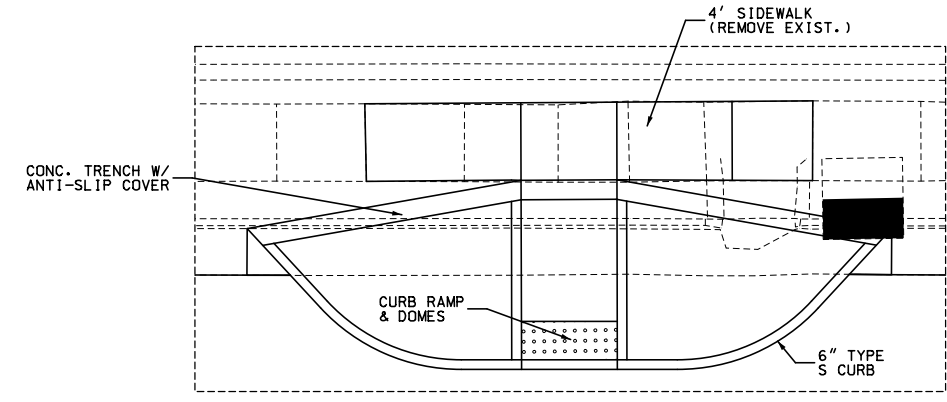
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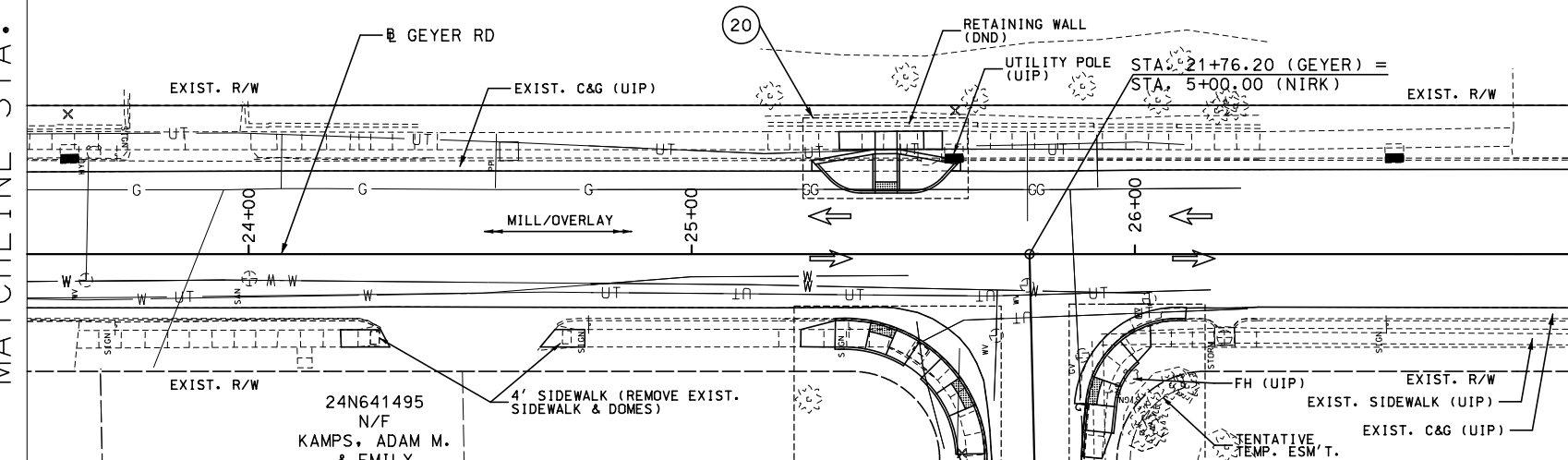
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MATCHLINE STA. 23+50.00



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 SCHULZE, MARILYN
 NO ACQUISITION

25

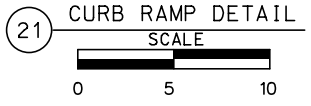
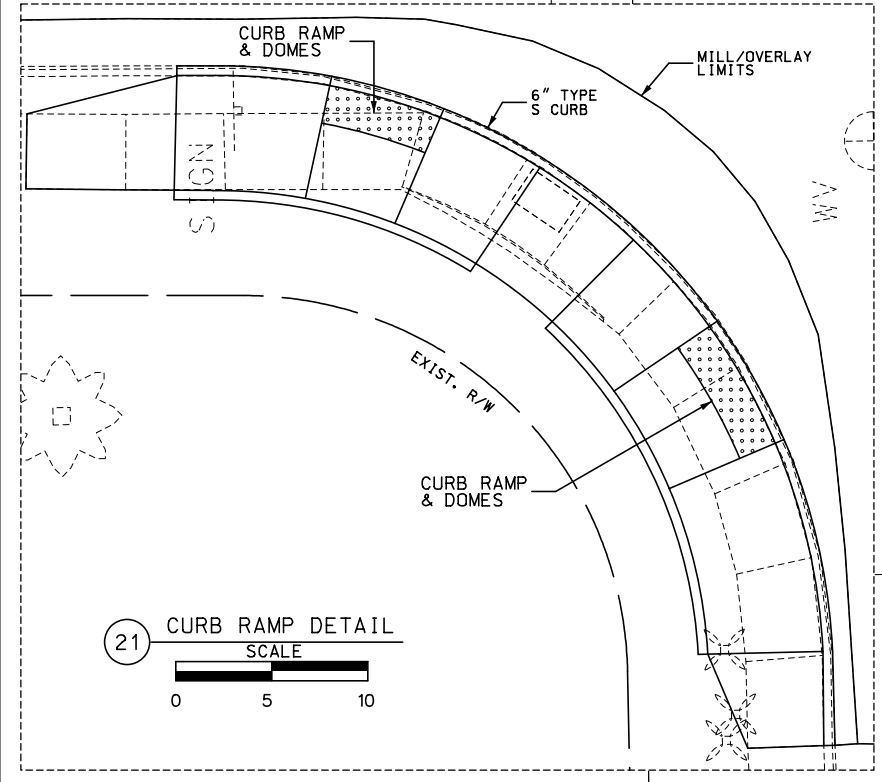


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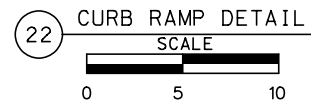
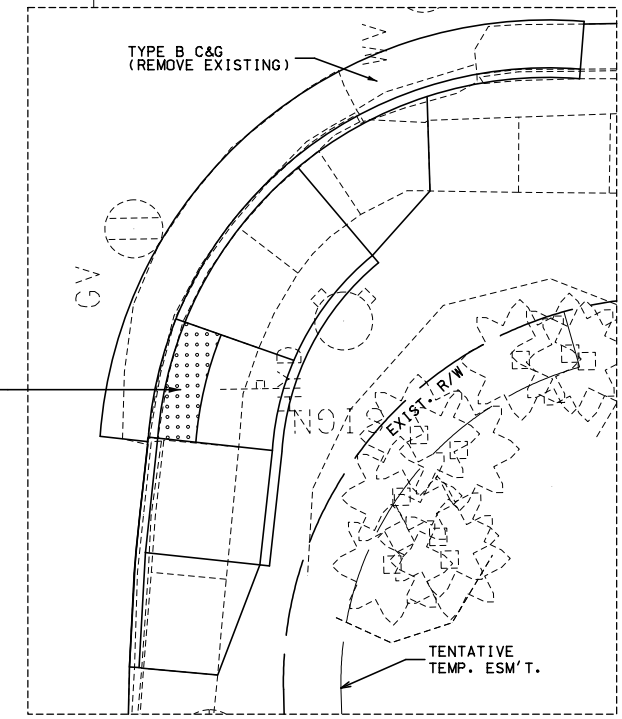
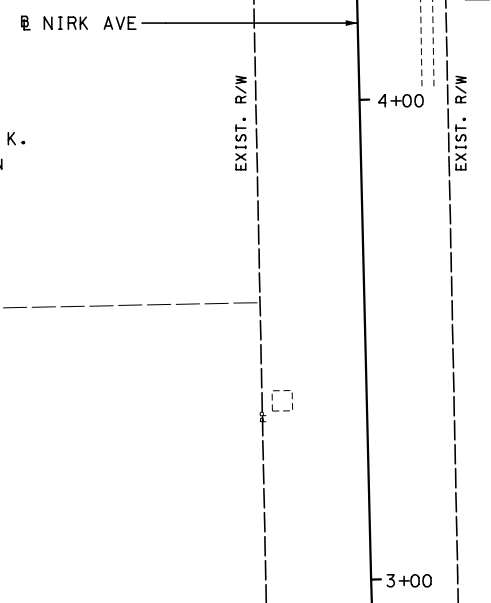
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 KAMPS, ADAM M. & EMILY
 NO ACQUISITION

24N641561
 N/F
 CORICH, MARY K.
 NO ACQUISITION

24N622047
 N/F
 TURNURE, KATHERINE
 87 SF TENTATIVE TEMP. ESM'T.



21



22

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PLAN SHEET
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CITY OF KIRKWOOD, MISSOURI
 GEYER ROAD RESURFACING - PHASE 2
 STP-5502 (609)



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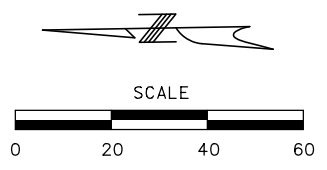
DATE: 3/11/2022

JOB No: 19040128

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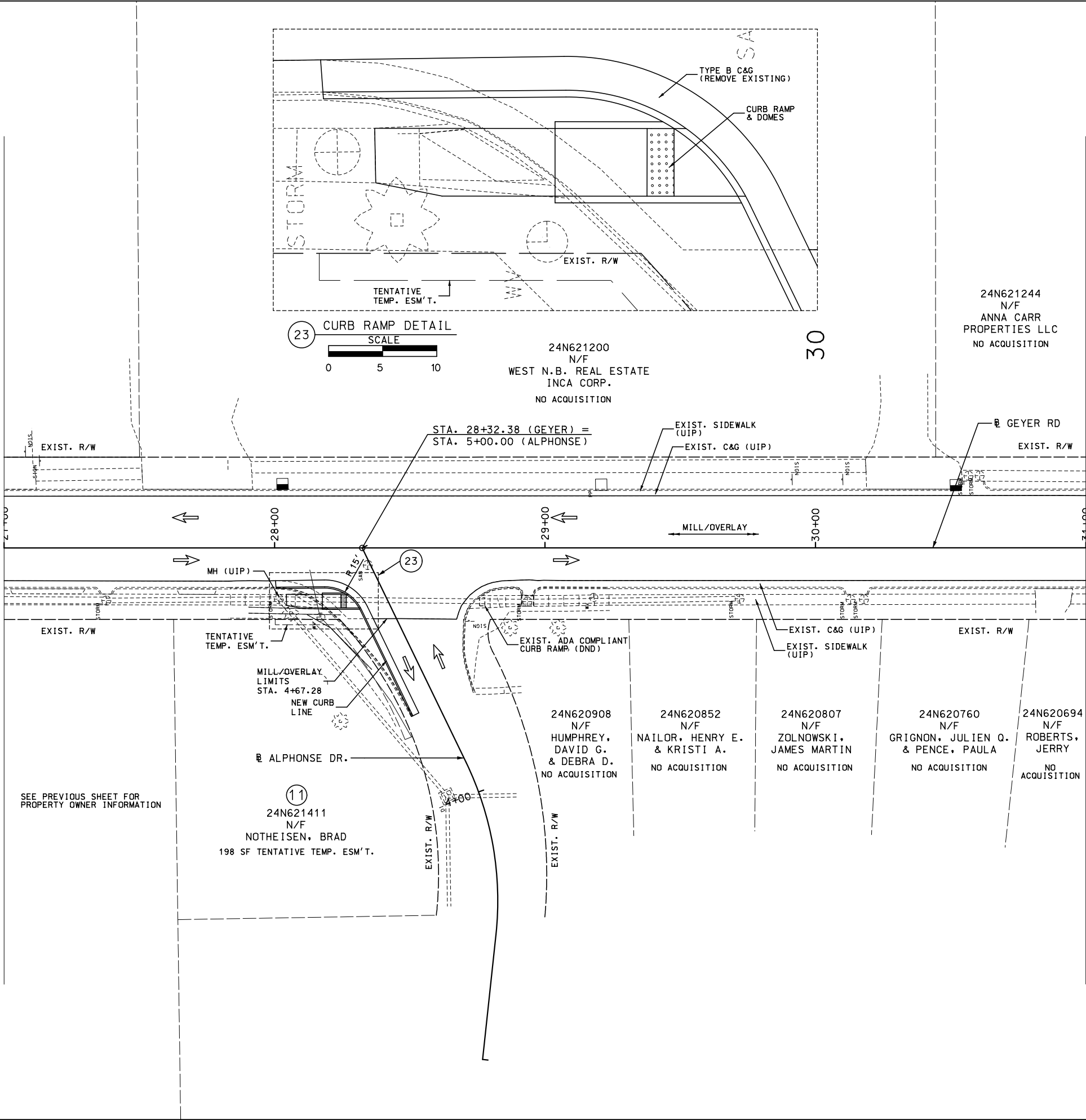
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PLAN SHEET
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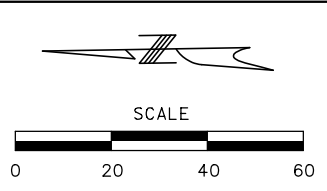
CITY OF KIRKWOOD, MISSOURI
 GEYER ROAD RESURFACING - PHASE 2
 STP-5502 (609)



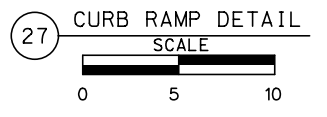
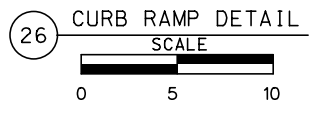
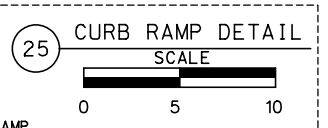
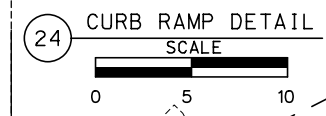
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CITY OF KIRKWOOD, MISSOURI
 GEYER ROAD RESURFACING - PHASE 2
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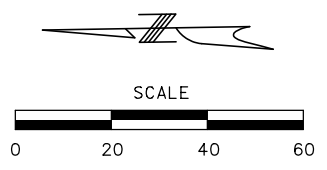
DATE: 3/11/2022

JOB No: 19040128

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011_PS_120_008.dgn



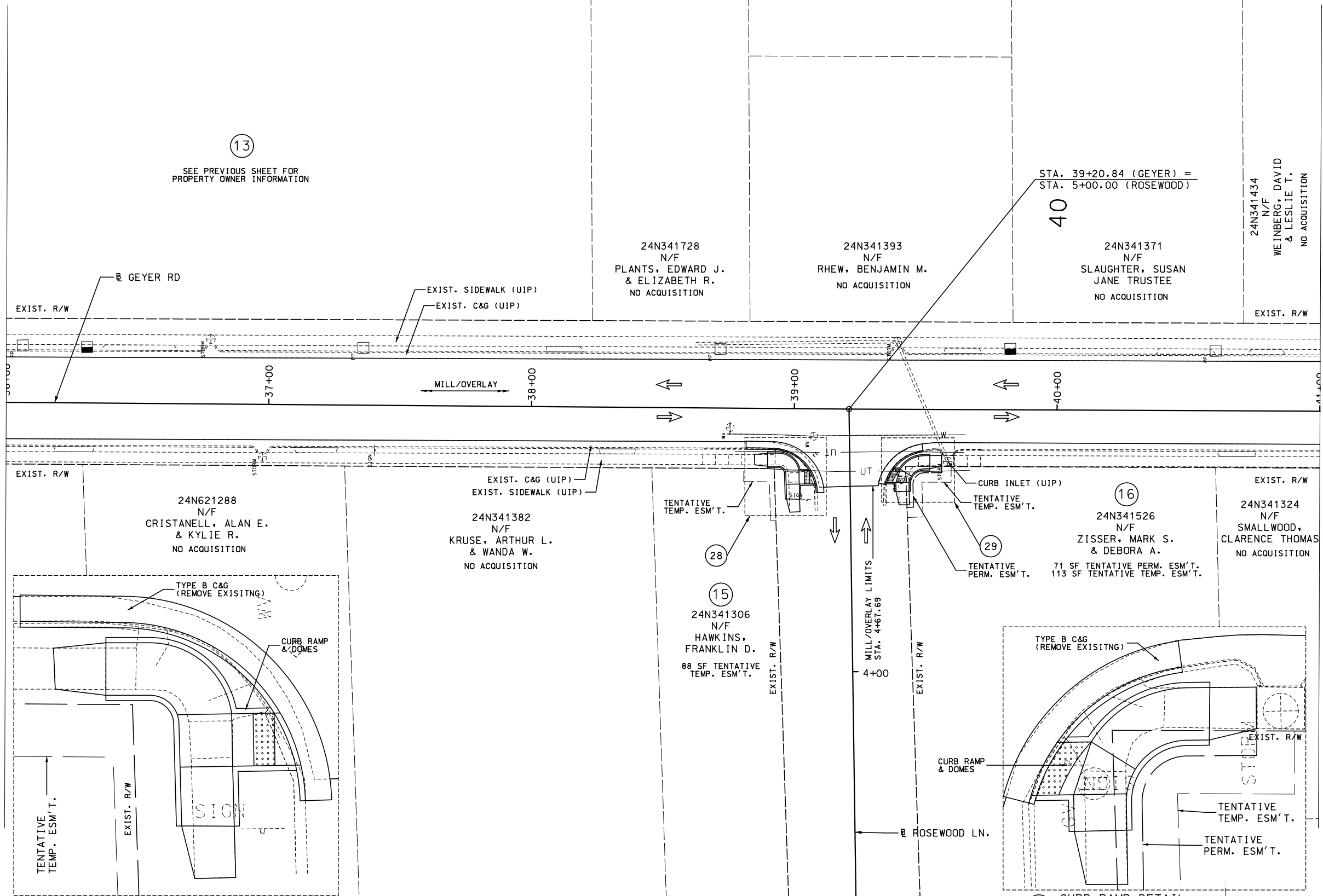
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MATCHLINE STA. 41+00.00



13
 SEE PREVIOUS SHEET FOR
 PROPERTY OWNER INFORMATION

40
 STA. 39+20.84 (GEYER) =
 STA. 5+00.00 (ROSEWOOD)

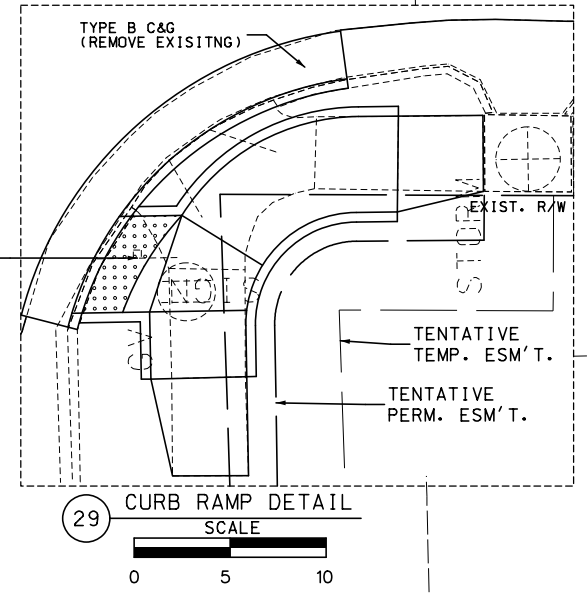
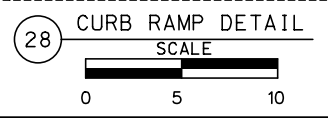
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 & KYLIE R.
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24N341382
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 KRUSE, ARTHUR L.
 & WANDA W.
 NO ACQUISITION

15
 24N341306
 N/F
 HAWKINS,
 FRANKLIN D.
 88 SF TENTATIVE
 TEMP. ESM'T.

16
 24N341526
 N/F
 ZISSER, MARK S.
 & DEBORA A.
 71 SF TENTATIVE PERM. ESM'T.
 113 SF TENTATIVE TEMP. ESM'T.

24N341324
 N/F
 SMALLWOOD,
 CLARENCE THOMAS
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PLAN SHEET
 SHEET 9 OF 14

CITY OF KIRKWOOD, MISSOURI
 GEYER ROAD RESURFACING - PHASE 2
 STP-5502 (609)

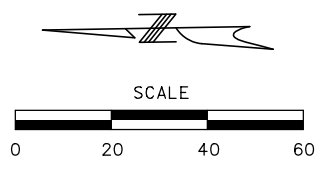
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JOB No: 19040128

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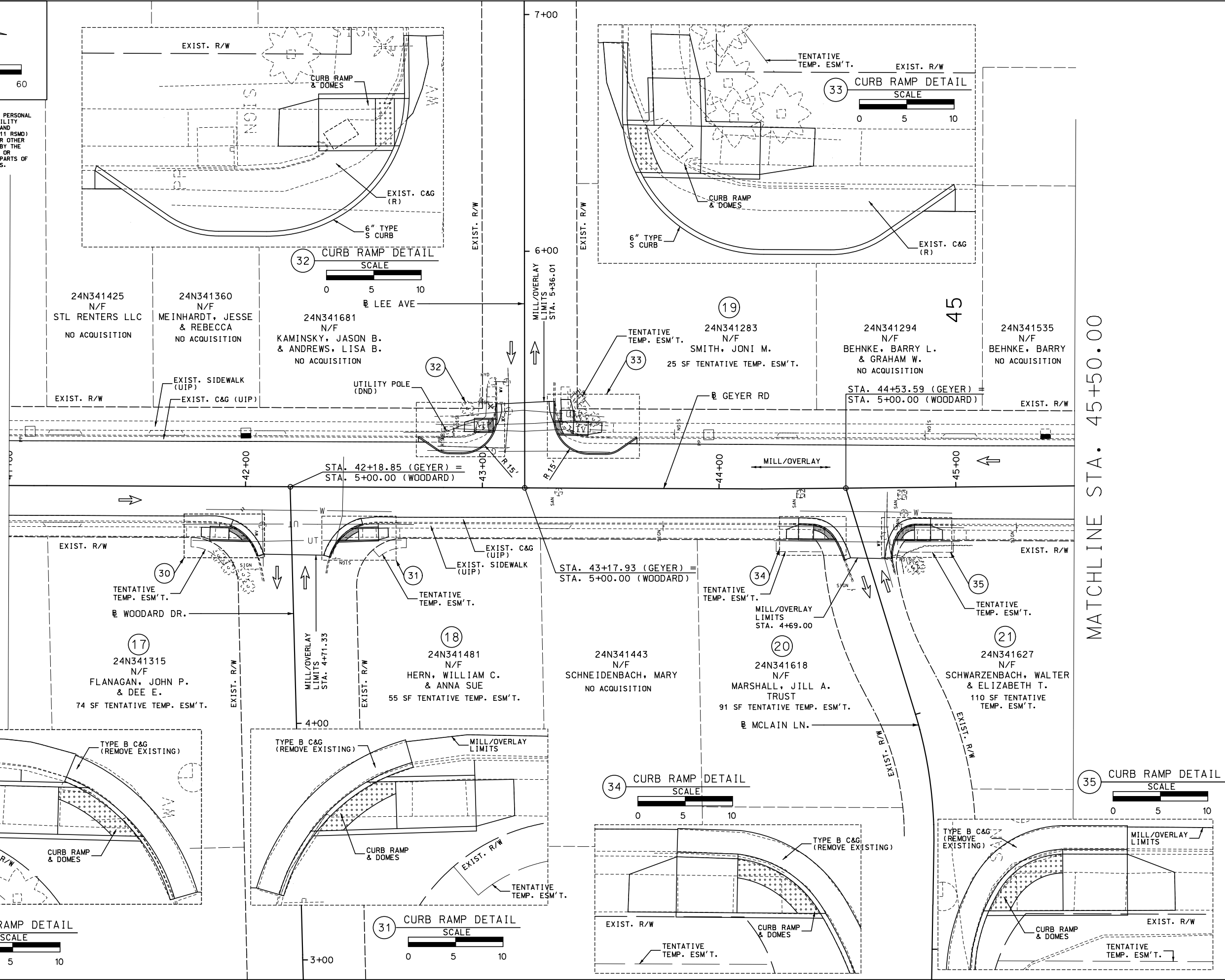
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MATCHLINE STA. 41+00.00

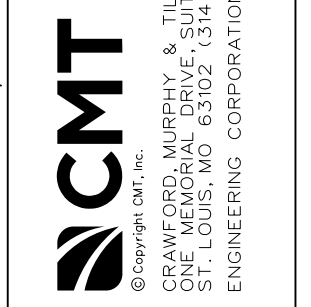


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PLAN SHEET
 SHEET 10 OF 14

CITY OF KIRKWOOD, MISSOURI
 GEYER ROAD RESURFACING - PHASE 2
 STP-5502 (609)



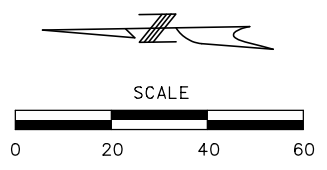
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JOB No: 19040128

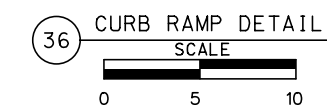
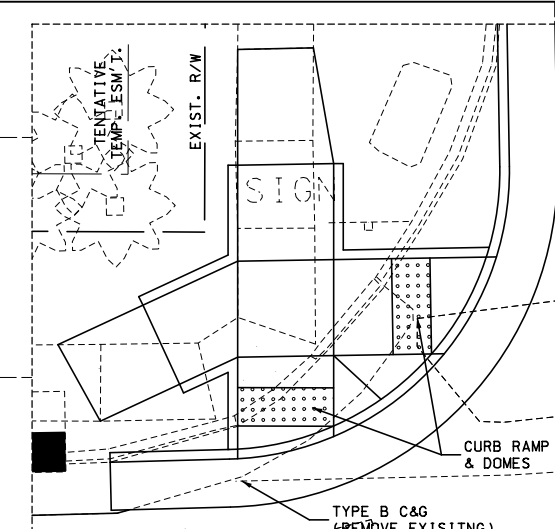
SHEET 13 OF 37

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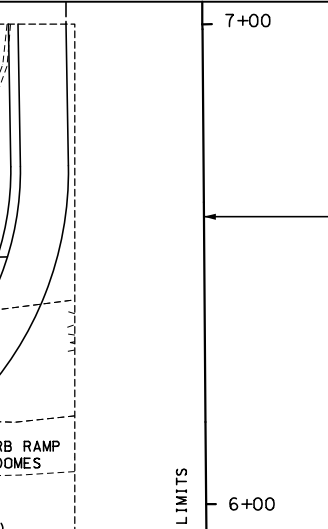
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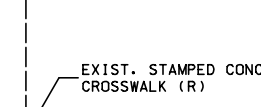
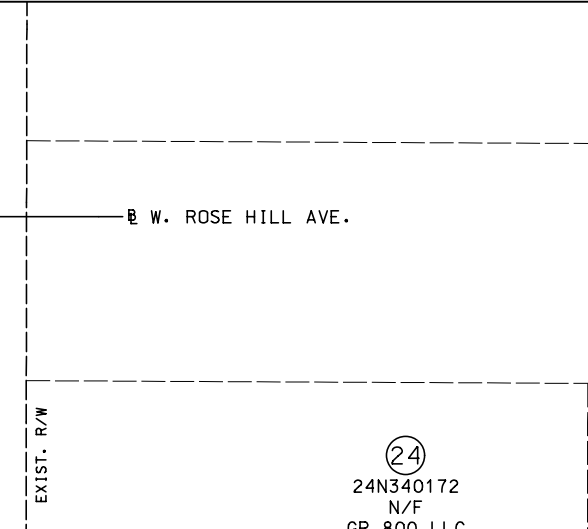
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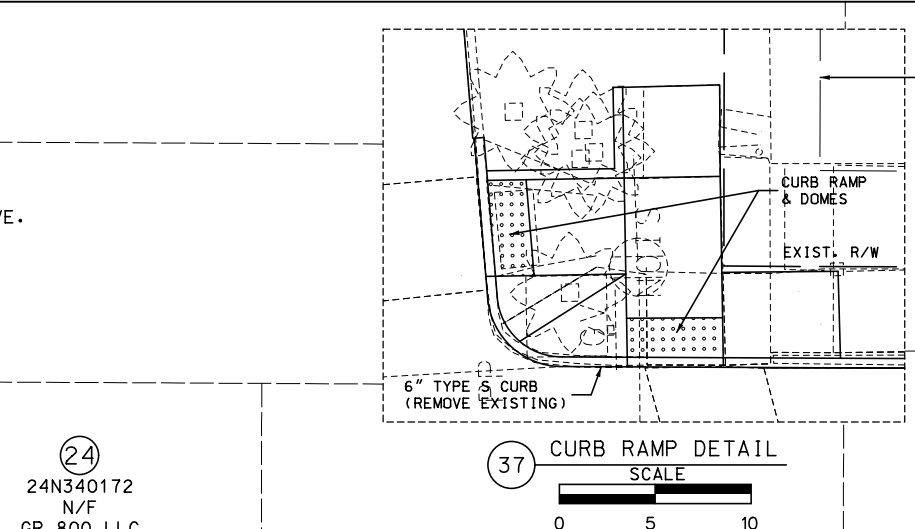
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FAILLA, ROBERT J.
& KIMBERELY L.
105 SF TENTATIVE TEMP. ESM'T.
UTILITY POLE (DND)



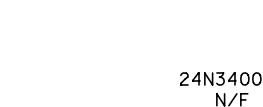
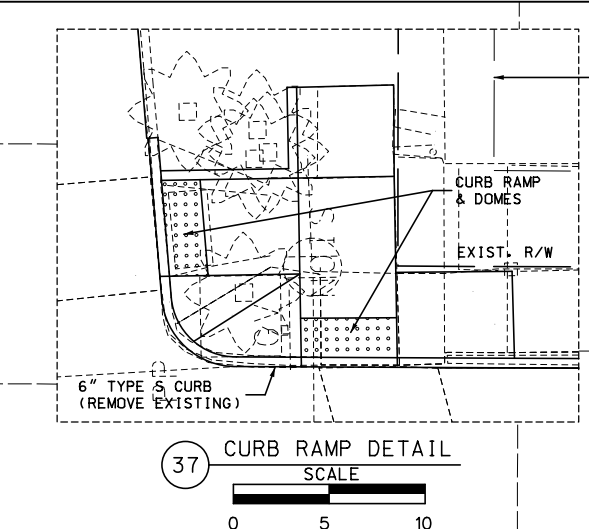
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108 SF TENTATIVE TEMP. ESM'T.



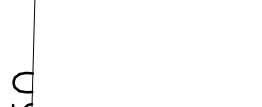
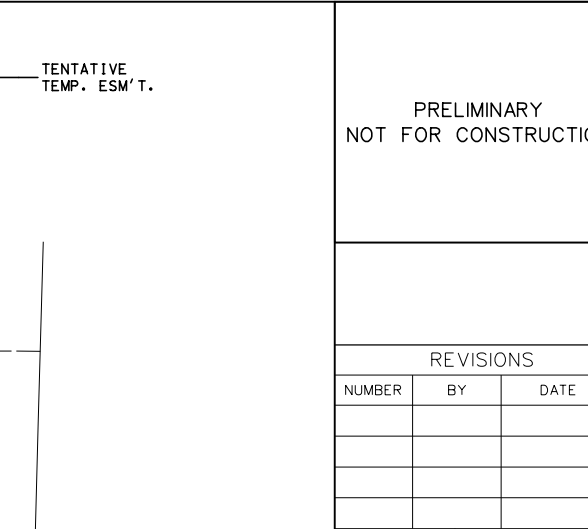
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CURB INLET (UIP)



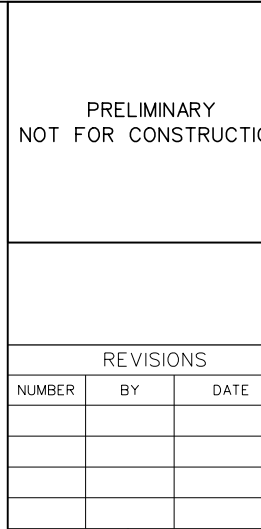
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JUNIOR COLLEGE
THE CITY OF ST. LOUIS
98 SF TENTATIVE TEMP. ESM'T.



24N340013
N/F
PROFETA, GIUSEPPE
& QIRKO, ROVENA
NO ACQUISITION

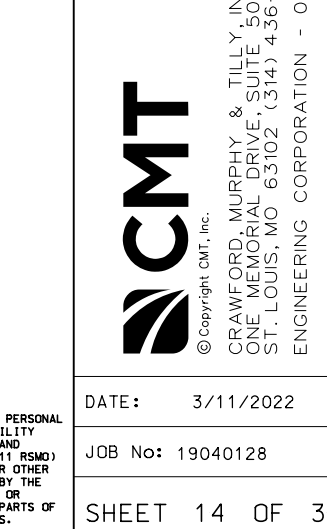
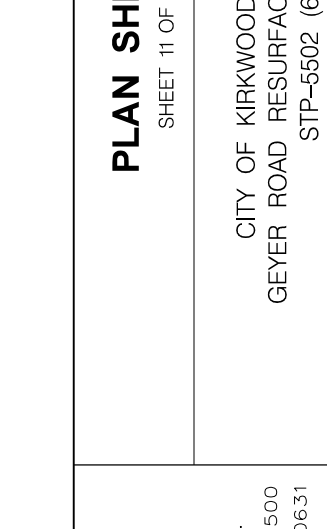
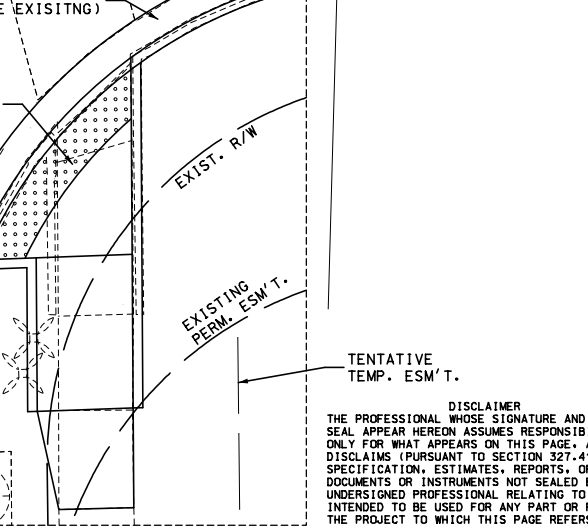
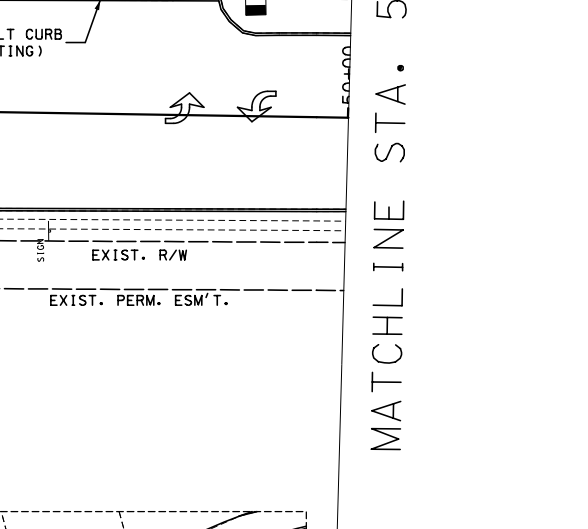
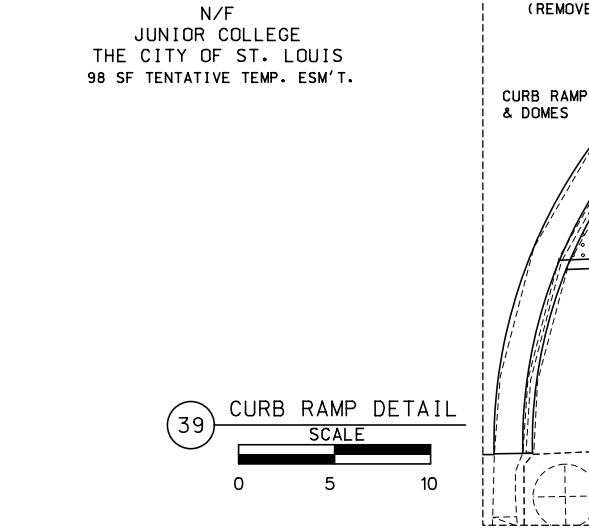
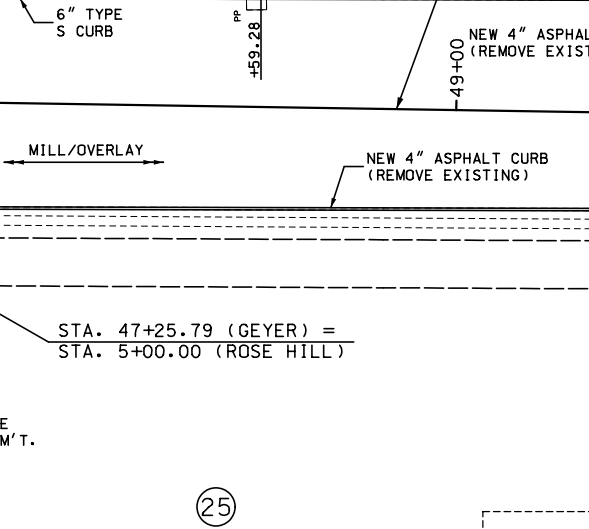
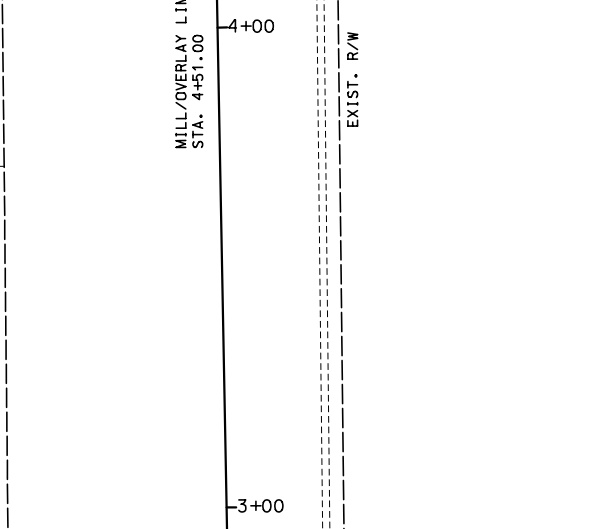
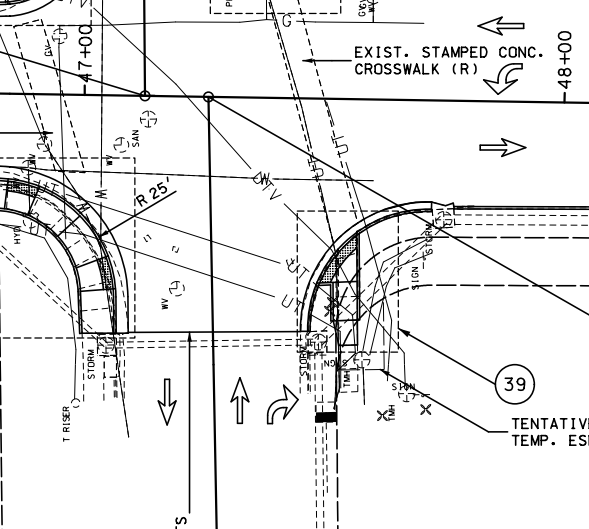
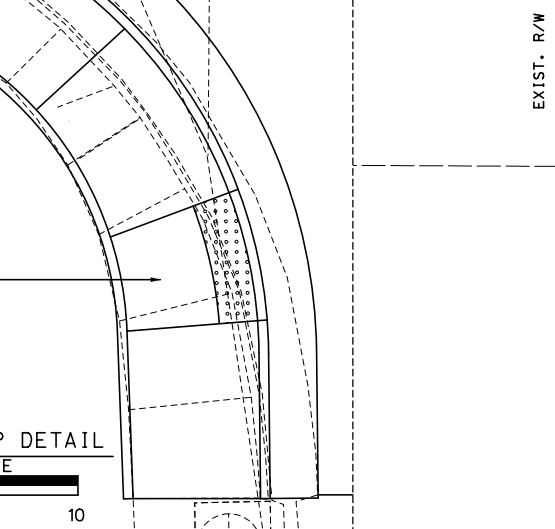
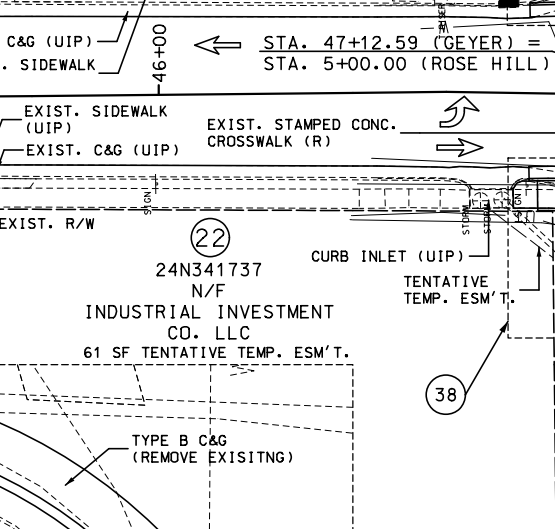


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JUNIOR COLLEGE
THE CITY OF ST. LOUIS
98 SF TENTATIVE TEMP. ESM'T.



24N310274
N/F
JUNIOR COLLEGE
THE CITY OF ST. LOUIS
98 SF TENTATIVE TEMP. ESM'T.

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PLAN SHEET
SHEET 11 OF 14

CITY OF KIRKWOOD, MISSOURI
GEYER ROAD RESURFACING - PHASE 2
STP-5502 (609)



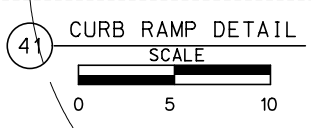
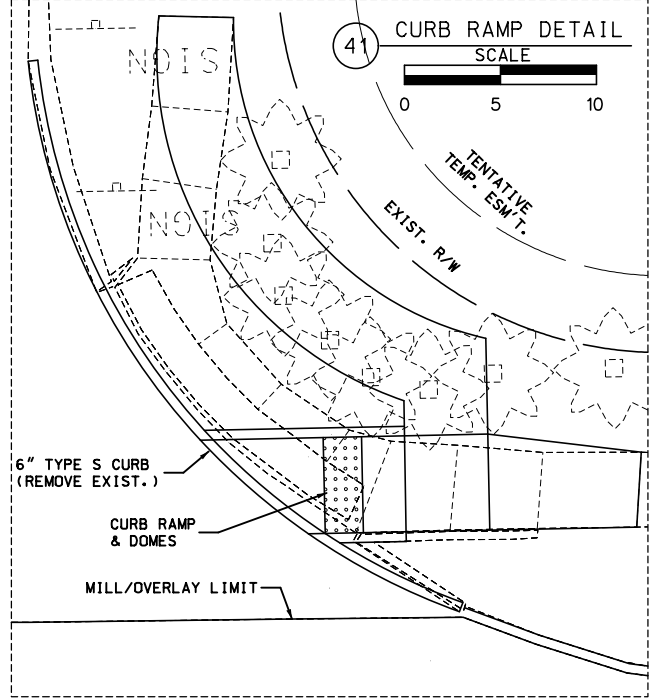
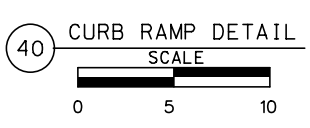
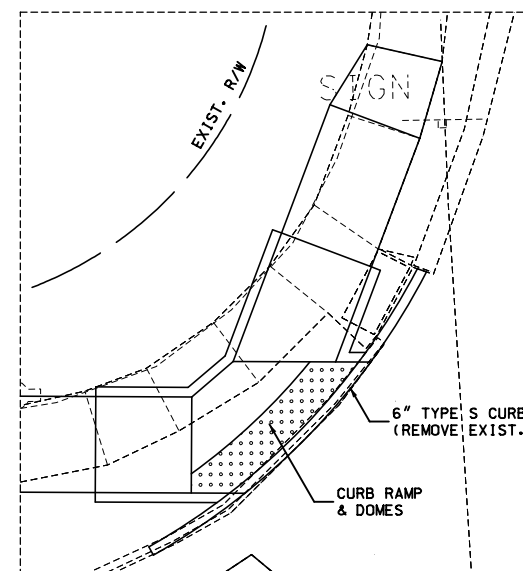
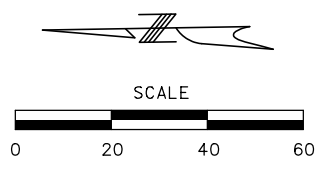
DATE: 3/11/2022

JOB No: 19040128

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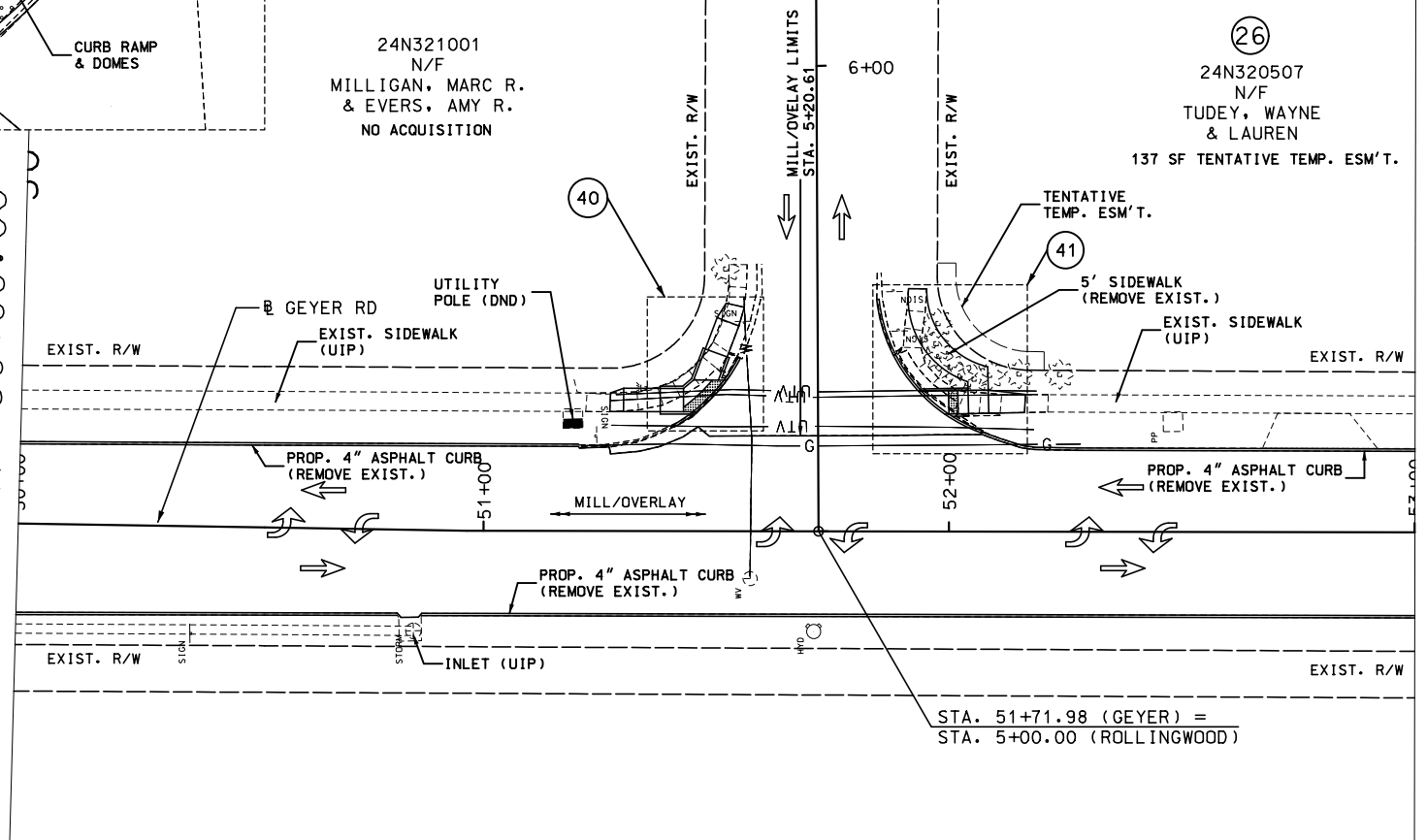
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MATCHLINE STA. 53+00.00



24N321001
N/F
MILLIGAN, MARC R.
& EVERS, AMY R.
NO ACQUISITION

24N320507
N/F
TUDEY, WAYNE
& LAUREN
137 SF TENTATIVE TEMP. ESM'T.

26
SEE PLAN SHEET 11 FOR
PROPERTY OWNER INFORMATION

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REVISIONS		
NUMBER	BY	DATE

PLAN SHEET
SHEET 12 OF 14

CITY OF KIRKWOOD, MISSOURI
GEYER ROAD RESURFACING - PHASE 2
STP-5502 (609)

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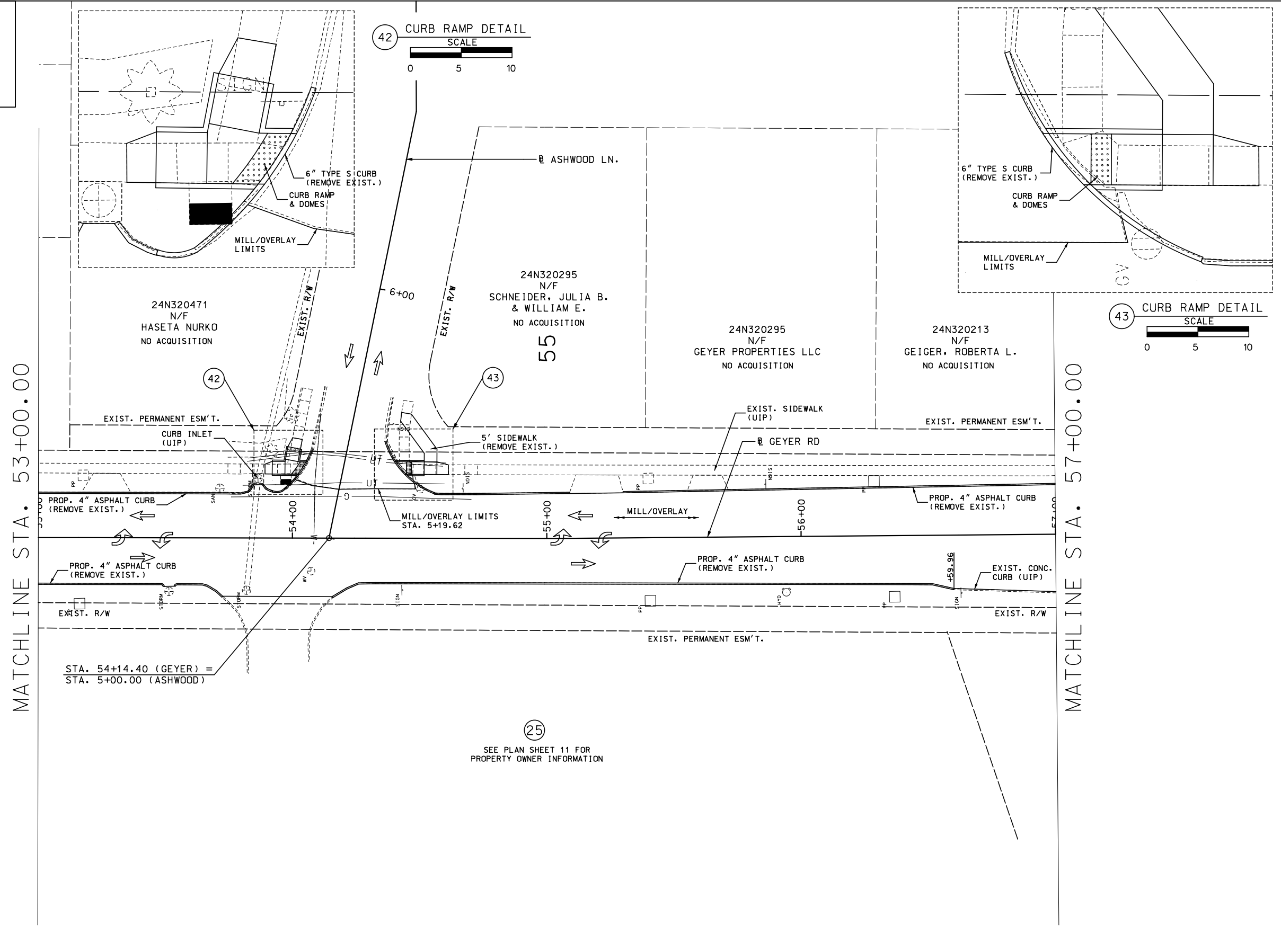
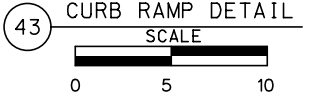
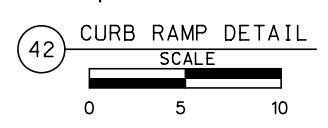
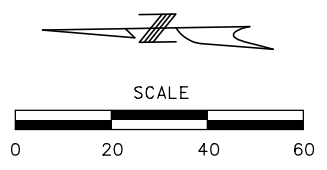
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SHEET 15 OF 37

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MATCHLINE STA. 57+00.00

STA. 54+14.40 (GEYER) =
STA. 5+00.00 (ASHWOOD)

(25) SEE PLAN SHEET 11 FOR
PROPERTY OWNER INFORMATION

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REVISIONS		
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PLAN SHEET
SHEET 13 OF 14

CITY OF KIRKWOOD, MISSOURI
GEYER ROAD RESURFACING - PHASE 2
STP-5502 (609)

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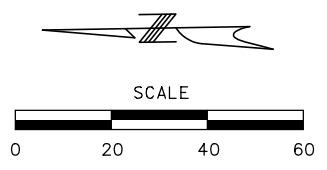
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JOB No: 19040128

SHEET 16 OF 37

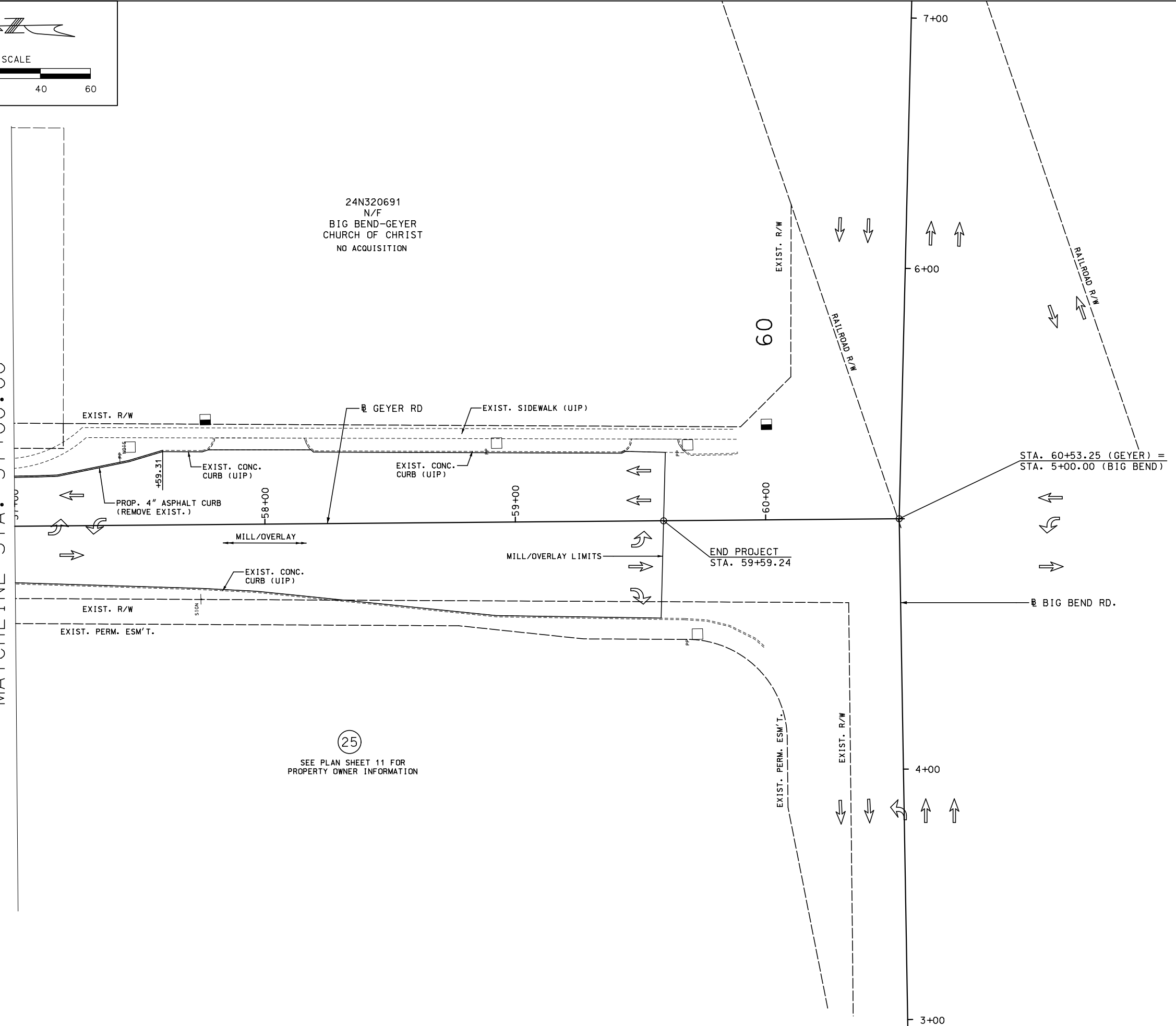
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24N320691
N/F
BIG BEND-GEYER
CHURCH OF CHRIST
NO ACQUISITION

MATCHLINE STA. 57+00.00



(25)
SEE PLAN SHEET 11 FOR
PROPERTY OWNER INFORMATION

PRELIMINARY
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NUMBER	BY	DATE

PLAN SHEET
SHEET 14 OF 14

CITY OF KIRKWOOD, MISSOURI
GEYER ROAD RESURFACING - PHASE 2
STP-5502 (609)



DATE: 3/11/2022

JOB No: 19040128

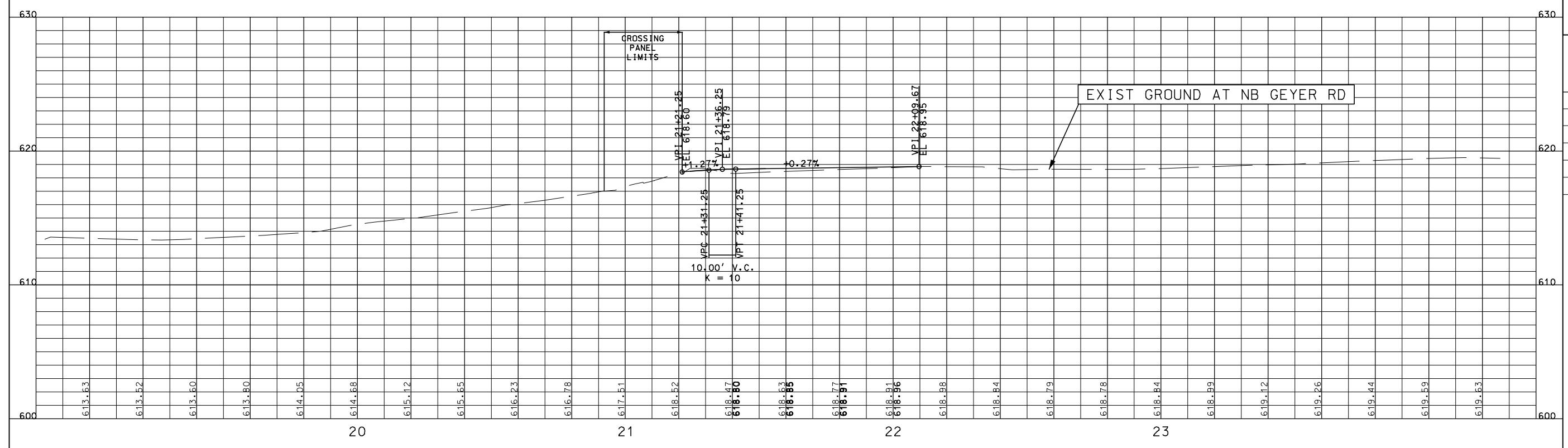
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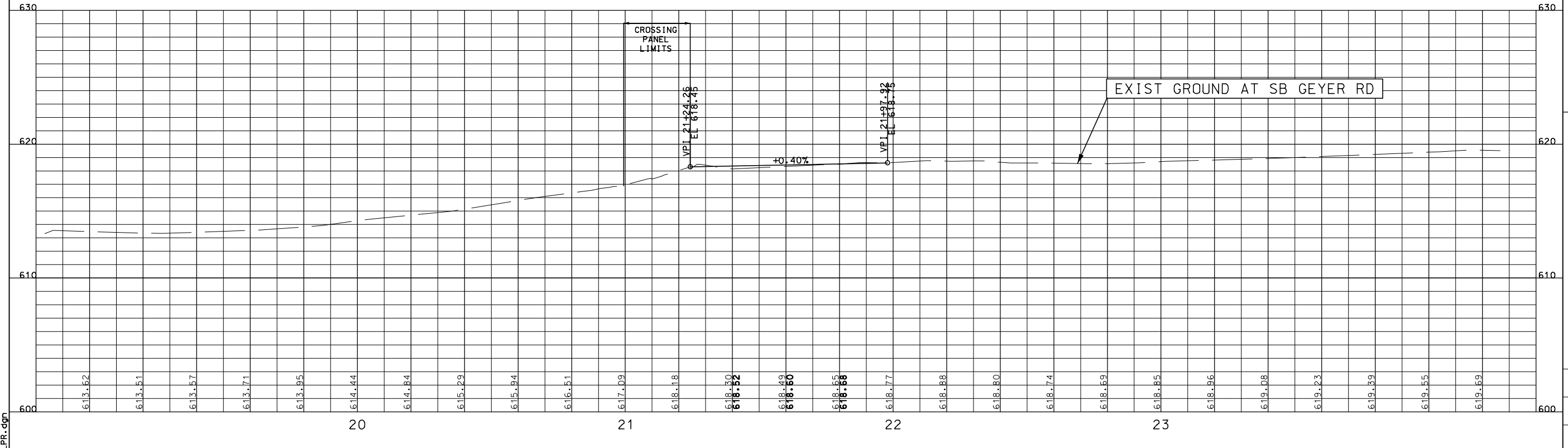
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017_PS_120_014.dgn

NB GEYER RD (RR CROSSING) AT ϕ OF NB LANE, 9.9' LT OF GEYER RD ϕ



SB GEYER RD (RR CROSSING) AT ϕ OF SB LANE, 6.3' RT OF GEYER RD ϕ



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PROFILE SHEET
SHEET 1 OF 1

CITY OF KIRKWOOD, MISSOURI
GEYER ROAD RESURFACING - PHASE 2
STP-5502 (609)



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SHEET 18 OF 37

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REFERENCE POINTS
SHEET 1 OF 2

CITY OF KIRKWOOD, MISSOURI
GEYER ROAD RESURFACING - PHASE 2
STP-5502 (609)

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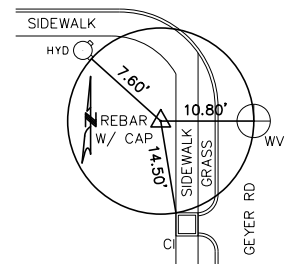


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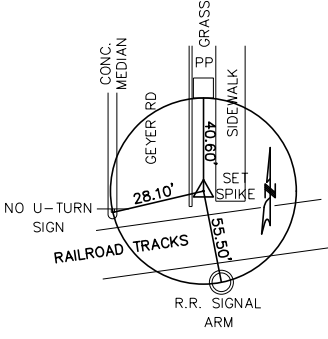
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JOB No: 19040128

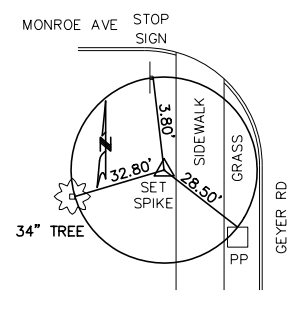
SHEET 19 OF 37



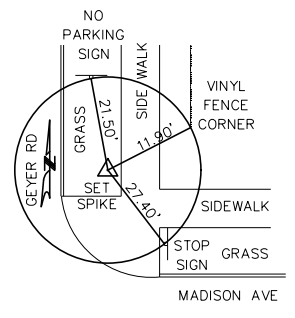
CONTROL POINT #6
N 998719.377
E 844296.414
ELEV 621.03
SET REBAR WITH CAP IN GRASS AT SOUTHWEST CORNER OF THE INTERSECTION OF NIRX AVE. WITH GEYER RD.
STA 26+03.56
OFFSET 24.34' RT



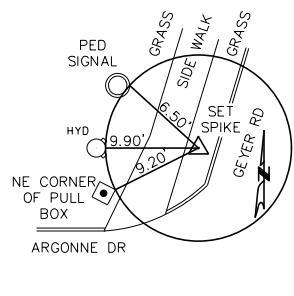
CONTROL POINT #5
N 999247.900
E 844350.140
ELEV 616.89
SET SPIKE IN GRASS AT NORTHEAST CORNER OF THE AT GRADE CROSSING OF GEYER RD. OVER UNION PACIFIC RAILROAD
STA 20+74.21
OFFSET 20.48' LT



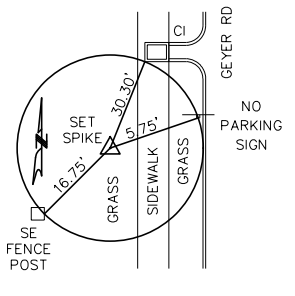
CONTROL POINT #4
N 999688.000
E 844304.940
ELEV 622.06
SET SPIKE IN GRASS AT SOUTHWEST CORNER OF THE INTERSECTION OF MONROE AVE. AND GEYER RD.
STA 16+34.64
OFFSET 28.47' RT



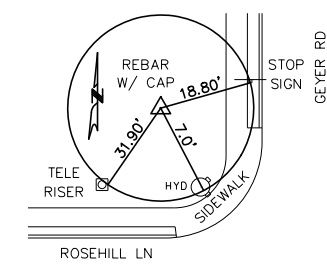
CONTROL POINT #3
N 1000203.300
E 844311.530
ELEV 634.72
SET SPIKE IN GRASS NORTHEAST OF THE INTERSECTION OF MADISON AVE. AND GEYER RD.
STA 11+18.74
OFFSET 22.15' LT



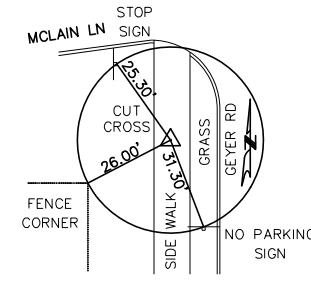
CONTROL POINT #2
N 1000581.140
E 844311.530
ELEV 627.46
SET SPIKE IN GRASS AT NORTHWEST CORNER OF THE INTERSECTION OF ARGONNE DR. AND GEYER RD.
STA 7+41.69
OFFSET 32.57' RT



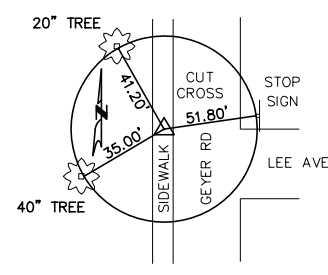
CONTROL POINT #1
N 1000830.430
E 844323.680
ELEV 620.80
SET SPIKE IN GRASS WEST OF GEYER RD SOUTH OF JEFFERSON AVE
STA 4+92.23
OFFSET 24.63' RT



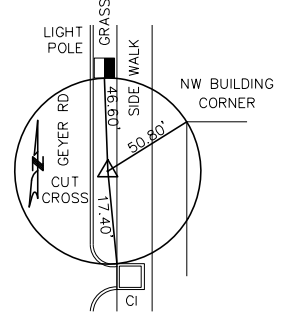
CONTROL POINT #12
N 996635.448
E 844246.314
ELEV 650.56
REBAR WITH CAP IN GRASS AT NORTHWEST CORNER IF THE INTERSECTION OF ROSEHILL LN. AND GEYER RD.
STA 46+88.35
OFFSET 34.09' RT



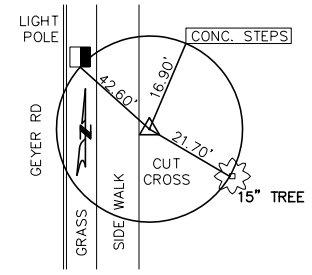
CONTROL POINT #11
N 996824.777
E 844267.650
ELEV 652.59
CUT CROSS IN CONCRETE SIDEWALK WEST OF THE INTERSECTION OF LEE AVE. AND GEYER RD.
STA 44+98.59
OFFSET 23.76' RT



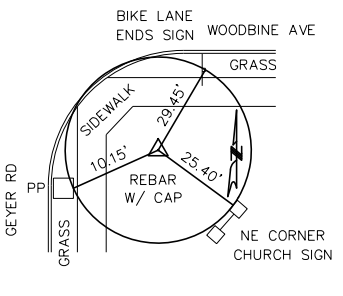
CONTROL POINT #10
N 997012.613
E 844267.650
ELEV 654.09
CUT CROSS IN CONCRETE SIDEWALK WEST OF THE INTERSECTION OF LEE AVE. AND GEYER RD.
STA 43+10.66
OFFSET 20.72' RT



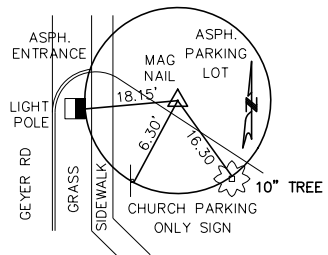
CONTROL POINT #9
N 997403.045
E 844317.140
ELEV 652.33
CUT CROSS IN CONCRETE SIDEWALK EAST OF THE INTERSECTION OF ROSEWOOD LN. AND GEYER RD.
STA 39+19.28
OFFSET 20.66' LT



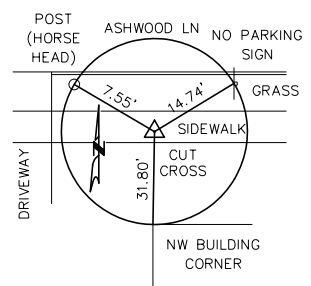
CONTROL POINT #8
N 998476.482
E 844341.802
ELEV 624.31
CUT CROSS IN CONCRETE SIDEWALK EAST OF THE INTERSECTION OF ALPHONSE DR. AND GEYER RD.
STA 28+45.66
OFFSET 25.13' LT



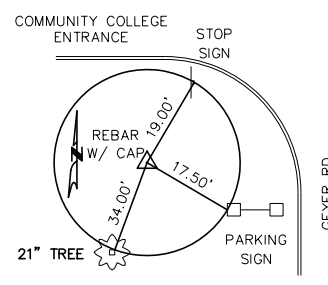
CONTROL POINT #7
N 997926.717
E 844336.799
ELEV 644.86
SET REBAR WITH CAP IN GRASS AT SOUTHEAST CORNER OF THE INTERSECTION OF WOODBINE AVE. WITH GEYER RD.
STA 33+95.31
OFFSET 29.46' LT



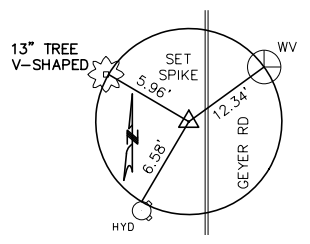
CONTROL POINT #18
N 995350.230
E 844303.835
ELEV 636.13
SET MAG NAIL IN ASPHALT PARKING LOT NORTHEAST OF THE INTERSECTION OF GEYER RD. AND BIG BEND BLVD.
STA 59+72.66
OFFSET 48.45' LT



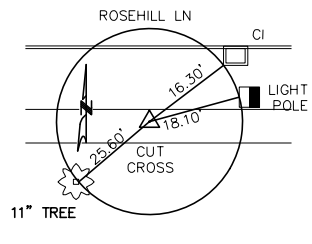
CONTROL POINT #17
N 995851.083
E 844465.934
ELEV 630.79
CUT CROSS IN CONCRETE SIDEWALK NORTH OF 929 BOX ELDER DR. AND SOUTHWEST OF THE INTERSECTION OF ASHWOOD LN. AND BOX ELDER DR.
STA 54+68.39
OFFSET 206.14' LT



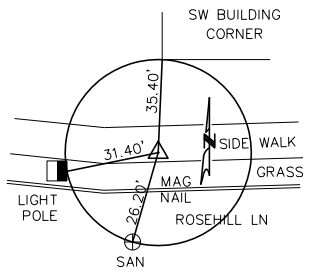
CONTROL POINT #16
N 995898.013
E 844210.456
ELEV 640.04
SET SPIKE WITH CAP IN GRASS SOUTHWEST OF THE INTERSECTION OF THE COMMUNITY COLLEGE ENTRANCE AND GEYER RD.
STA 54+26.17
OFFSET 50.32' RT



CONTROL POINT #15
N 996158.862
E 844245.237
ELEV 640.56
SET SPIKE IN GRASS WEST OF THE INTERSECTION OF ROLLINGWOOD LN. AND GEYER RD.
STA 51+64.69
OFFSET 20.35' RT

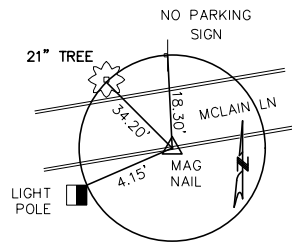


CONTROL POINT #14
N 996579.796
E 844539.403
ELEV 642.71
CUT CROSS IN CONCRETE SIDEWALK SOUTH OF ROSEHILL AVE. AND EAST OF GEYER RD.
STA 47+36.41
OFFSET 260.33 LT

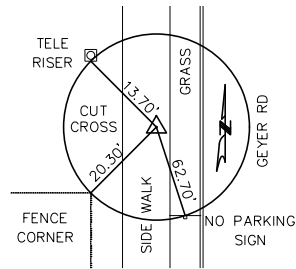


CONTROL POINT #13
N 997421.679
E 843987.282
ELEV 643.18
MAG NAIL IN SIDEWALK IN FRONT OF 523 ROSEWOOD LN. NORTH OF ROSEWOOD LN. AND WEST OF GEYER RD.
STA 39+07.49
OFFSET 309.51' RT

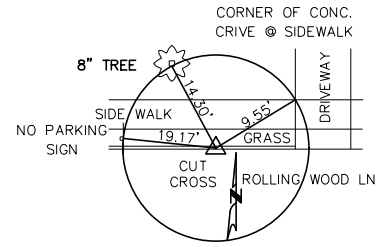
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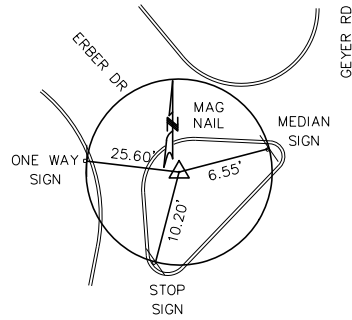
CONTROL POINT #19
 N 996826.771
 E 844074.897
 ELEV 658.68
 MAG NAIL IN ASPHALT CURB SOUTH
 OF MCLAIN LN. AND WEST OF
 GEYER RD.
 STA 45+00.45
 OFFSET 209.58' RT



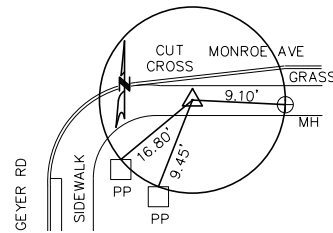
CONTROL POINT #20
 N 998193.171
 E 844291.461
 ELEV 633.85
 CUT CROSS IN CONCRETE SIDEWALK
 WEST OF GEYER RD. AND NORTH OF
 THE INTERSECTION OF WOODBINE AVE.
 AND GEYER RD., SOUTH OF THE
 INTERSECTION OF ROSEWOOF LN. AND
 GEYER RD.
 STA 31+29.77
 OFFSET 20.43' RT



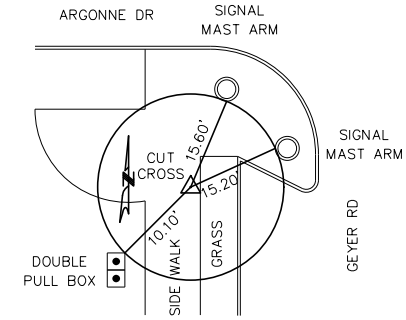
CONTROL POINT #21
 N 996162.846
 E 844360.061
 ELEV 640.30
 CUT CROSS IN CONCRETE CURB
 NORTH OF ROLLINGWOOD LN. AND
 EAST OF GEYER RD.
 STA 51+58.57
 OFFSET 94.38' LT



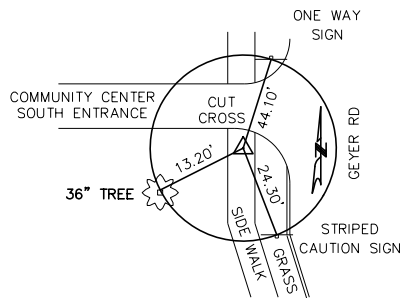
CONTROL POINT #22
 N 998020.973
 E 844264.900
 ELEV 641.28
 SET MAG NAIL IN ASPHALT ISLAND
 IN THE NORTHWEST CORNER OF THE
 INTERSECTION OF WOODBINE AVE. AND
 GEYER RD. AND IN THE CENTER OF
 THE INTERSECTION OF ERBER DR. AND
 GEYER RD.
 STA 33+02.39
 OFFSET 44.09' RT



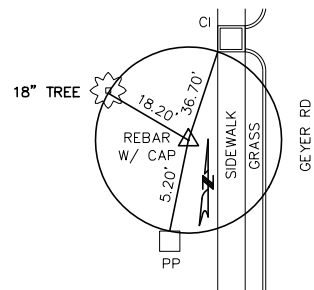
CONTROL POINT #23
 N 999692.522
 E 844381.946
 ELEV 621.25
 CUT CROSS IN CONCRETE SIDEWALK
 SOUTHEAST OF THE INTERSECTION
 OF MONROE AVE. AND GEYER RD.
 STA 15+97.00
 OFFSET 109.43' LT



CONTROL POINT #24
 N 1000512.395
 E 844305.458
 ELEV 629.15
 CUT CROSS IN CONCRETE SIDEWALK
 SOUTHWEST OF THE INTERSECTION
 OF ARGONNE DR. AND GEYER RD.
 STA 8+10.61
 OFFSET 37.65' RT



CONTROL POINT #25
 N 1000136.489
 E 844297.691
 ELEV 634.15
 CUT CROSS IN CONCRETE SIDEWALK
 IN SOUTHWEST CORNER OF THE
 INTERSECTION OF THE SOUTH ENTRANCE
 TO KIRKWOOD COMMUNITY CENTER
 AND GEYER RD.
 STA 11+86.59
 OFFSET 39.06' RT



CONTROL POINT #26
 N 1000952.538
 E 844322.878
 ELEV 622.03
 SET REBAR WITH CAP IN GRASS
 ON WEST SIDE OF THE INTERSECTION
 OF JEFFERSON AVE. AND GEYER RD.
 STA 3+70.23
 OFFSET 27.67' RT

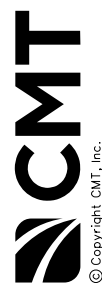
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REFERENCE POINTS
 SHEET 2 OF 2

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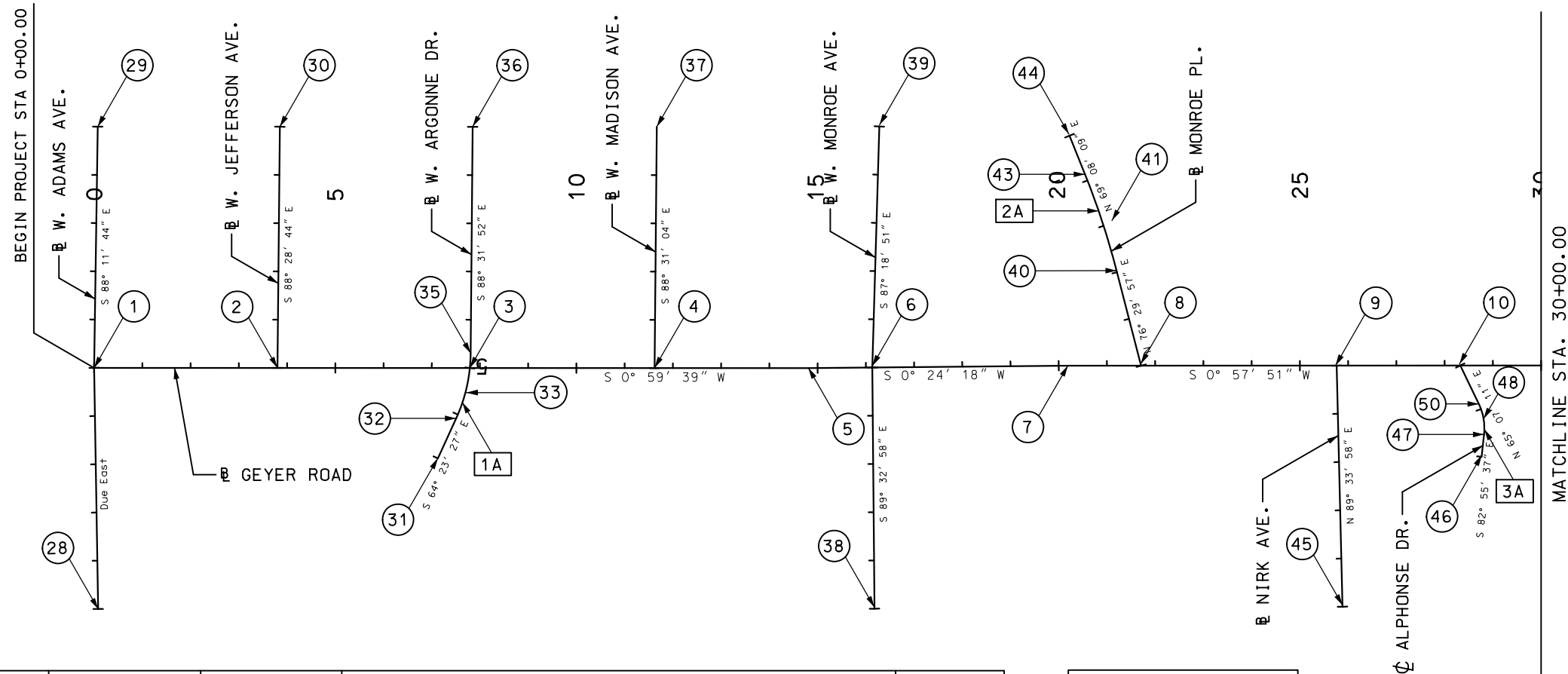
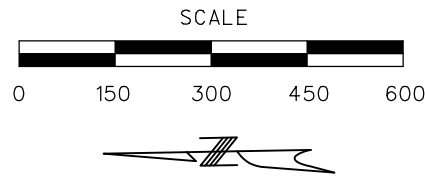


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DATE: 3/11/2022

JOB No: 19040128

SHEET 20 OF 37



STATION	LOCATION	OFFSET	NORTHING (FEET)	EASTING (FEET)	DESCRIPTION	DESIGN PT. ID
0+00.00	GEYER ROAD	0.00	1001322.25	844356.80	P.O.T. STA. 0+00.00 GEYER ROAD	1
3+80.12	GEYER ROAD	0.00	1000942.19	844350.20	P.O.T. STA. 3+80.12 GEYER ROAD	2
7+79.03	GEYER ROAD	0.00	1000543.33	844343.28	P.O.T. STA. 7+79.03 GEYER ROAD	3
11+62.13	GEYER ROAD	0.00	1000160.30	844336.64	P.O.T. STA. 11+62.13 GEYER ROAD	4
14+80.97	GEYER ROAD	0.00	999841.51	844331.11	P.I. STA. 14+80.97 GEYER ROAD	5
16+13.30	GEYER ROAD	0.00	999709.17	844330.17	P.O.T. STA. 16+13.30 GEYER ROAD	6
20+18.82	GEYER ROAD	0.00	999303.67	844327.30	P.I. STA. 20+18.82 GEYER ROAD	7
21+70.79	GEYER ROAD	0.00	999151.72	844324.75	P.O.T. STA. 21+70.79 GEYER ROAD	8
25+76.20	GEYER ROAD	0.00	998746.37	844317.92	P.O.T. STA. 25+76.20 GEYER ROAD	9
28+32.38	GEYER ROAD	0.00	998490.22	844313.61	P.O.T. STA. 28+32.38 GEYER ROAD	10
0+00.00	W ADAMS AVENUE	0.00	1001322.25	843856.80	P.O.T. STA. 0+00.00 W. ADAMS AVENUE	28
10+00.00	W ADAMS AVENUE	0.00	1001306.51	844856.55	P.O.T. STA. 10+00.00 W. ADAMS AVENUE	29
10+00.00	W JEFFERSON AVENUE	0.00	1000928.91	844850.03	P.O.T. STA. 10+00.00 W. JEFFERSON AVENUE	30
3+00.00	W ARGONNE DRIVE	0.00	1000612.99	844157.04	P.O.T. STA. 3+00.00 W. ARGONNE DRIVE	31
3+91.36	W ARGONNE DRIVE	0.00	1000573.50	844239.43	P.C. OF CURVE "1A" STA. 3+91.36 W. ARGONNE DRIVE	32
4+62.06	W ARGONNE DRIVE	7.47' RT	1000542.94	844303.18	P.I. OF CURVE "1A" STA. 4+62.06 W. ARGONNE DRIVE	33
3+91.36	W ARGONNE DRIVE	330.60' LT	1000871.63	844382.33	C.C. OF CURVE "1A" STA. 3+91.36 W. ARGONNE DRIVE	34
5+30.66	W ARGONNE DRIVE	0.00	1000541.13	844373.85	P.T. OF CURVE "1A" STA. 5+30.66 W. ARGONNE DRIVE	35
10+00.00	W ARGONNE DRIVE	0.00	1000529.10	844843.04	P.O.T. STA. 10+00.00 W. ARGONNE DRIVE	36
10+00.00	W MADISON AVENUE	0.00	1000147.36	844836.47	P.O.T. STA. 10+00.00 W. MADISON AVENUE	37
0+00.00	W MONROE AVENUE	0.00	999713.11	843830.19	P.O.T. STA. 0+00.00 W. MONROE AVENUE	38
10+00.00	W MONROE AVENUE	0.00	999685.88	844829.63	P.O.T. STA. 10+00.00 W. MONROE AVENUE	39
7+03.40	MONROE PLACE	0.00	999199.20	844522.52	P.C. OF CURVE "2A" STA. 7+03.40 MONROE PLACE	40
8+08.74	MONROE PLACE	3.37' RT	999223.86	844624.94	P.I. OF CURVE "2A" STA. 8+08.74 MONROE PLACE	41
7+03.40	MONROE PLACE	1645' LT	1000798.48	844137.39	C.C. OF CURVE "2A" STA. 7+03.40 MONROE PLACE	42
9+13.80	MONROE PLACE	0.00	999261.39	844723.38	P.T. OF CURVE "2A" STA. 9+13.80 MONROE PLACE	43
10+00.00	MONROE PLACE	0.00	999292.09	844803.92	P.O.T. STA. 10+00.00 MONROE PLACE	44
0+00.00	NIRK AVENUE	0.00	998742.58	843817.93	P.O.T. STA. 0+00.00 NIRK AVENUE	45
3+00.00	ALPHONSE DRIVE	0.00	998448.87	844123.76	P.O.T. STA. 3+00.00 ALPHONSE DRIVE	46
3+46.45	ALPHONSE DRIVE	0.00	998443.15	844169.86	P.C. OF CURVE "3A" STA. 3+46.45 ALPHONSE DRIVE	47
3+80.05	ALPHONSE DRIVE	4.72' RT	998439.02	844203.20	P.I. OF CURVE "3A" STA. 3+80.05 ALPHONSE DRIVE	48
3+46.45	ALPHONSE DRIVE	117.35' LT	998559.61	844184.31	C.C. OF CURVE "3A" STA. 3+46.45 ALPHONSE DRIVE	49
4+11.90	ALPHONSE DRIVE	0.00	998453.15	844233.68	P.T. OF CURVE "3A" STA. 4+11.90 ALPHONSE DRIVE	50

"1A" W. ARGONNE DRIVE

PI	4+62.06
PC	3+91.36
PT	5+30.66
Δ	24° 08' 24.9" (LT)
D	17° 19' 48.6"
L	139.30'
T	70.70'
R	330.61'

"2A" MONROE PLACE

PI	8+08.74
PC	7+03.40
PT	9+13.80
Δ	7° 19' 42.9" (LT)
D	3° 28' 58.9"
L	210.41'
T	105.35'
R	1,645.00'

"3A" ALPHONSE DRIVE

PI	3+80.05
PC	3+46.45
PT	4+11.90
Δ	31° 57' 12.2" (LT)
D	48° 49' 25.2"
L	65.45'
T	33.60'
R	117.35'

COORDINATE POINT LISTING - TABLE OF MODIFIED STATE PLANE COORDINATES. THE BEARING SYSTEM IS GRID NORTH, MISSOURI COORDINATE SYSTEM 1983, EAST ZONE. VERTICAL DATUM: NAVD88.

PROJECTION FACTOR = 1.000091832

NOTE:
THE PROJECTION FACTOR IS USED AS A MULTIPLIER FROM STATE PLANE DISTANCES TO GROUND DISTANCES. THE FACTOR WAS APPLIED FROM COORDINATE 0.0.

PRELIMINARY
NOT FOR CONSTRUCTION

REVISIONS		
NUMBER	BY	DATE

GEOMETRIC & COORDINATE POINTS
SHEET 1 OF 2

CITY OF KIRKWOOD, MISSOURI
GEYER ROAD RESURFACING - PHASE 2
STP-5502 (609)

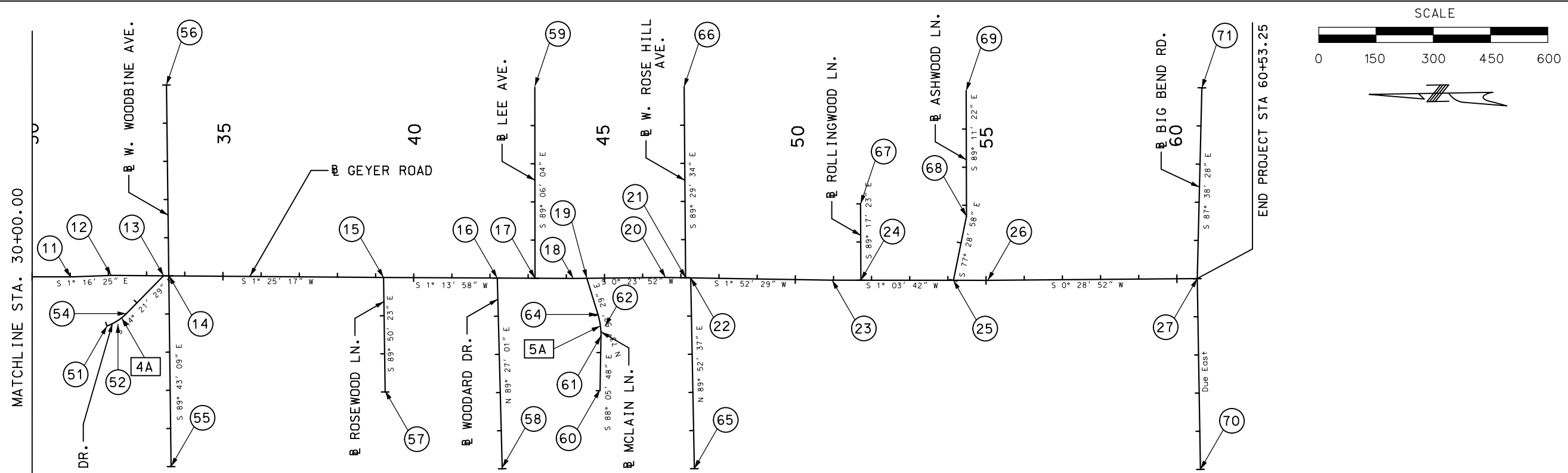
DATE: 3/11/2022

JOB No: 19040128

SHEET 21 OF 37

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

021_Geometry_001.dgn



"4A" ERBER DRIVE

PI	3+30.98
PC	3+00.00
PT	3+60.91
Δ	25° 34' 13.7" (LT)
D	42° 26' 28.7"
L	60.25'
T	30.63'
R	135.00'

"5A" MCLAIN LANE

PI	3+72.49
PC	3+43.74
PT	4+00.74
Δ	18° 01' 43.2" (LT)
D	31° 36' 59.3"
L	57.02'
T	28.75'
R	181.22'

STATION	LOCATION	OFFSET	NORTHING (FEET)	EASTING (FEET)	DESCRIPTION	DESIGN PT. ID
31+07.21	GEYER ROAD	0.00	998215.43	844308.99	P.I. STA. 31+07.21 GEYER ROAD	11
32+07.21	GEYER ROAD	0.00	998115.45	844311.21	P.I. STA. 32+07.21 GEYER ROAD	12
33+44.76	GEYER ROAD	0.00	997977.94	844307.80	P.O.T. STA. 33+44.76 GEYER ROAD	13
33+58.27	GEYER ROAD	0.00	997964.44	844307.47	P.O.T. STA. 33+58.27 GEYER ROAD	14
39+20.84	GEYER ROAD	0.00	997402.05	844293.51	P.I. STA. 39+20.84 GEYER ROAD	15
42+18.85	GEYER ROAD	0.00	997104.11	844287.10	P.O.T. STA. 42+18.85 GEYER ROAD	16
43+17.93	GEYER ROAD	0.00	997005.05	844284.97	P.O.T. STA. 43+17.93 GEYER ROAD	17
44+18.12	GEYER ROAD	0.00	996904.88	844282.81	P.I. STA. 44+18.12 GEYER ROAD	18
44+53.59	GEYER ROAD	0.00	996869.41	844282.57	P.O.T. STA. 44+53.59 GEYER ROAD	19
46+59.86	GEYER ROAD	0.00	996663.15	844281.13	P.I. STA. 46+59.86 GEYER ROAD	20
47+12.59	GEYER ROAD	0.00	996610.44	844279.41	P.O.T. STA. 47+12.59 GEYER ROAD	21
47+25.79	GEYER ROAD	0.00	996597.25	844278.98	P.O.T. STA. 47+25.79 GEYER ROAD	22
50+96.43	GEYER ROAD	0.00	996226.81	844266.85	P.I. STA. 50+96.43 GEYER ROAD	23
51+71.98	GEYER ROAD	0.00	996151.27	844265.45	P.O.T. STA. 51+71.98 GEYER ROAD	24
54+14.40	GEYER ROAD	0.00	995908.89	844260.96	P.O.T. STA. 54+14.40 GEYER ROAD	25
55+04.37	GEYER ROAD	0.00	995818.94	844259.29	P.I. STA. 55+04.37 GEYER ROAD	26
60+53.25	GEYER ROAD	0.00	995270.00	844254.68	P.O.T. STA. 60+53.25 GEYER ROAD	27
3+00.00	ERBER DRIVE	0.00	998128.82	844178.89	P.C. OF CURVE "4A" STA. 3+00.00 ERBER DRIVE	51
3+30.98	ERBER DRIVE	3.51' RT	998099.47	844188.82	P.I. OF CURVE "4A" STA. 3+30.98 ERBER DRIVE	52
3+00.00	ERBER DRIVE	135' LT	998172.10	844306.76	C.C. OF CURVE "4A" STA. 3+00.00 ERBER DRIVE	53
3+60.91	ERBER DRIVE	0.00	998077.39	844210.56	P.T. OF CURVE "4A" STA. 3+60.91 ERBER DRIVE	54
0+00.00	W. WOODBINE AVENUE	0.00	997966.89	843807.47	P.O.T. STA. 0+00.00 W. WOODBINE AVENUE	55
10+00.00	W. WOODBINE AVENUE	0.00	997961.99	844807.46	P.O.T. STA. 10+00.00 W. WOODBINE AVENUE	56
2+00.00	ROSEWOOD LANE	0.00	997402.89	843993.51	P.O.T. STA. 2+00.00 ROSEWOOD LANE	57
0+00.00	WOODARD DRIVE	0.00	997099.31	843787.22	P.O.T. STA. 0+00.00 WOODARD DRIVE	58
10+00.00	LEE AVENUE	0.00	996997.20	844784.91	P.O.T. STA. 10+00.00 LEE AVENUE	59
2+00.00	MCLAIN LANE	0.00	996839.60	843987.22	P.O.T. STA. 2+00.00 MCLAIN LANE	60
3+43.74	MCLAIN LANE	0.00	996834.82	844130.88	P.C. OF CURVE "5A" STA. 3+43.74 MCLAIN LANE	61
3+72.49	MCLAIN LANE	2.27' RT	996833.87	844159.62	P.I. OF CURVE "5A" STA. 3+72.49 MCLAIN LANE	62
3+43.74	MCLAIN LANE	181.22' LT	997015.94	844136.90	C.C. OF CURVE "5A" STA. 3+43.74 MCLAIN LANE	63
3+97.51	MCLAIN LANE	0.00	996841.85	844187.23	P.T. OF CURVE "5A" STA. 3+97.51 MCLAIN LANE	64
0+00.00	W. ROSE HILL AVE.	0.00	996596.18	843778.98	P.O.T. STA. 0+00.00 W. ROSE HILL AVENUE	65
10+00.00	W. ROSE HILL AVE.	0.00	996606.02	844779.39	P.O.T. STA. 10+00.00 W. ROSE HILL AVENUE	66
7+00.00	ROLLINGWOOD LANE	0.00	996148.79	844465.44	P.O.T. STA. 7+00.00 ROLLINGWOOD LANE	67
6+71.38	ASHWOOD LANE	0.00	995871.75	844428.27	P.O.T. STA. 6+71.38 ASHWOOD LANE	68
10+00.00	ASHWOOD LANE	0.00	995867.10	844756.85	P.O.T. STA. 10+00.00 ASHWOOD LANE	69
0+00.00	BIG BEND ROAD	0.00	995270.00	843754.68	P.O.T. STA. 0+00.00 BIG BEND ROAD	70
10+00.00	BIG BEND ROAD	0.00	995249.42	844754.26	P.O.T. STA. 10+00.00 BIG BEND ROAD	71

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REVISIONS

NUMBER	BY	DATE

GEOMETRIC & COORDINATE POINTS
SHEET 2 OF 2

CITY OF KIRKWOOD, MISSOURI
GEYER ROAD RESURFACING - PHASE 2
STP-5502 (609)



DATE: 3/11/2022

JOB No: 19040128

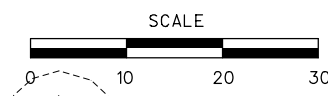
SHEET 22 OF 37

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

TRAFFIC SIGNALS LEGEND

	CONTROLLER		PUSH BUTTON DETECTOR		CONDUIT MEDIAN
	CONTROLLER (EXISTING)		PREFORMED PULL BOX TYPE 1		CONDUIT PUSHED
	JUNCTION BOX		PREFORMED PULL BOX TYPE 2		CONDUIT BRIDGE
	POWER SUPPLY		CONCRETE PULL BOX TYPE 1		CONDUIT EXISTING
	WOOD POST		CONCRETE PULL BOX TYPE 2		CONDUIT TRENCHED
	SIGNAL HEAD (OPT LIM CONV)		PULL BOX (EXISTING)		SPAN WIRE
	SIGNAL HEAD (OPT LIM)		ITS PULL BOX TYPE 2		MAST ARM TYPE A BASE
	SIGNAL HEAD (PEDESTRIAN)		ITS PULL BOX TYPE 5		MAST ARM TYPE C BASE
	SIGNAL HEAD (STANDARD)		6 X 6 LOOP DETECTOR		MAST ARM TYPE F BASE
	SIGNAL HEAD (EXISTING)		30 X 6 LOOP DETECTOR		TOP MOUNT POST TYPE C BASE
			VIDEO DETECTION ZONE		VIDEO DETECTOR

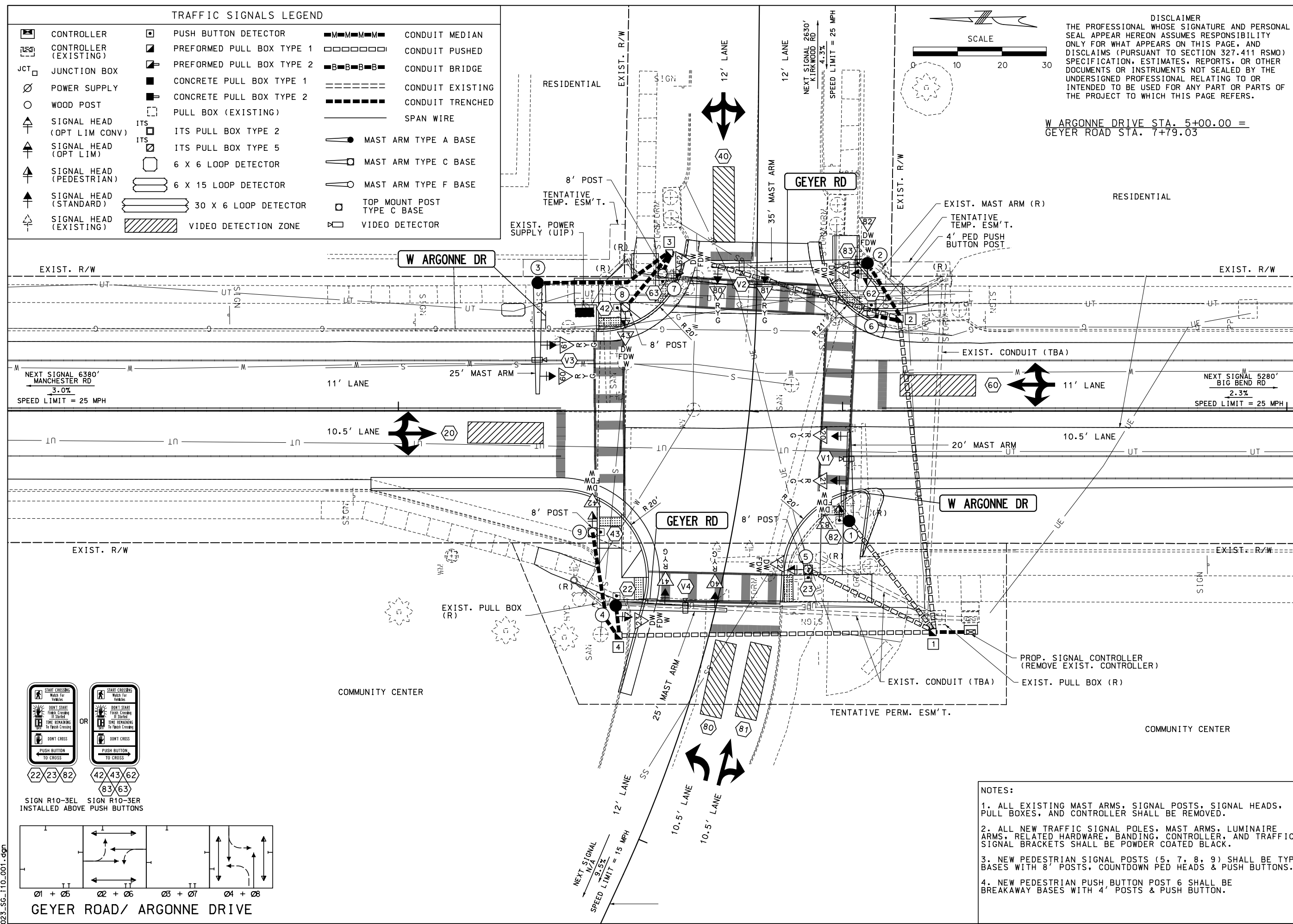
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W ARGONNE DRIVE STA. 5+00.00 =
 GEYER ROAD STA. 7+79.03

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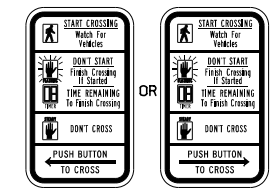
REVISIONS		
NUMBER	BY	DATE



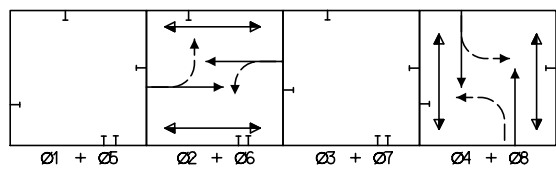
SIGNAL SHEET
 SHEET 1 OF 1

CITY OF KIRKWOOD, MISSOURI
 GEYER ROAD RESURFACING - PHASE 2
 STP-5502 (609)

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SIGN R10-3EL SIGN R10-3ER
 INSTALLED ABOVE PUSH BUTTONS



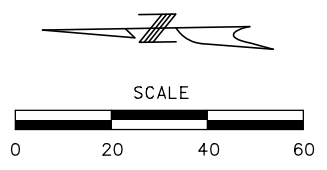
GEYER ROAD/ ARGONNE DRIVE

- NOTES:
1. ALL EXISTING MAST ARMS, SIGNAL POSTS, SIGNAL HEADS, PULL BOXES, AND CONTROLLER SHALL BE REMOVED.
 2. ALL NEW TRAFFIC SIGNAL POLES, MAST ARMS, LUMINAIRE ARMS, RELATED HARDWARE, BANDING, CONTROLLER, AND TRAFFIC SIGNAL BRACKETS SHALL BE POWDER COATED BLACK.
 3. NEW PEDESTRIAN SIGNAL POSTS (5, 7, 8, 9) SHALL BE TYPE B BASES WITH 8' POSTS, COUNTDOWN PED HEADS & PUSH BUTTONS.
 4. NEW PEDESTRIAN PUSH BUTTON POST 6 SHALL BE BREAKAWAY BASES WITH 4' POSTS & PUSH BUTTON.

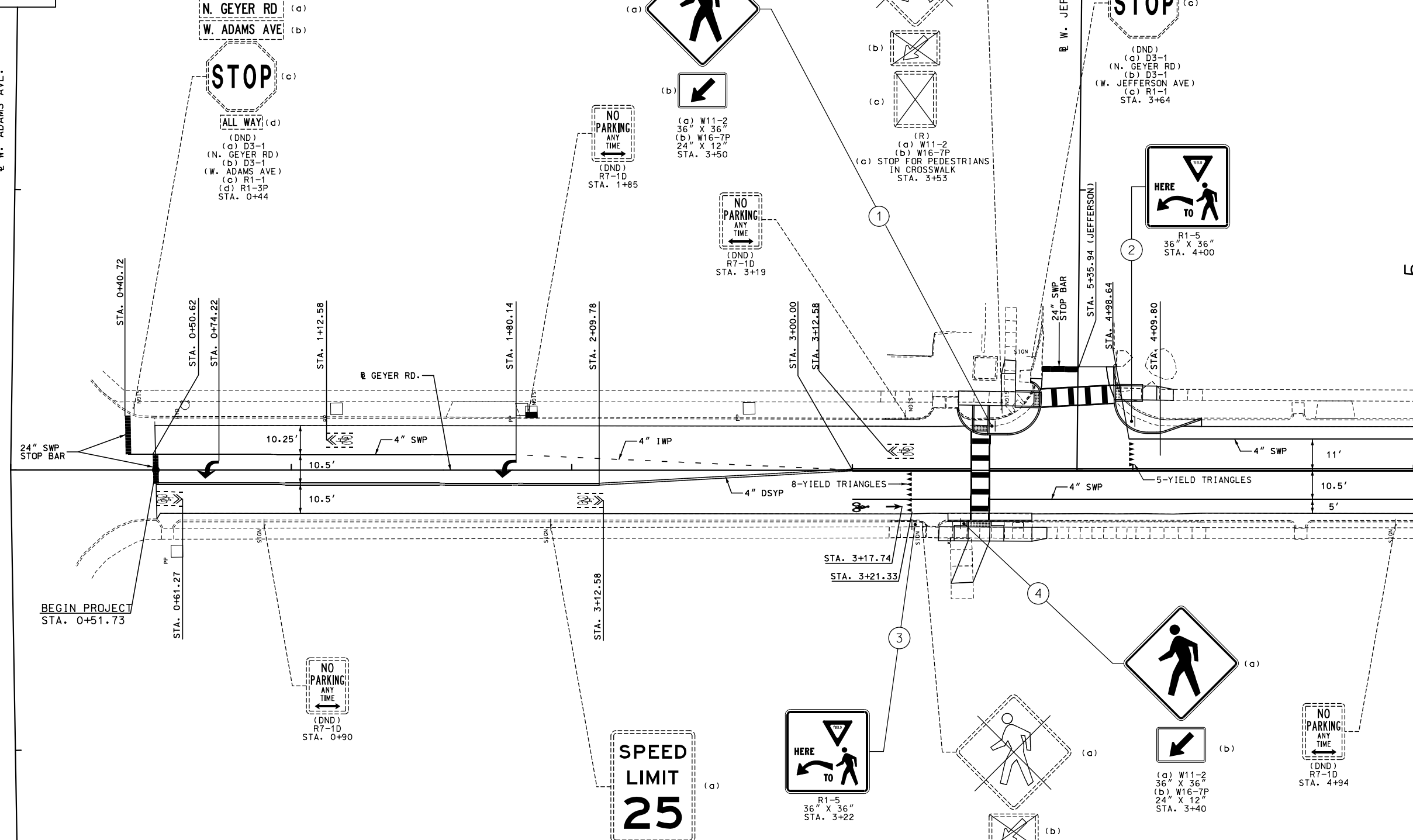
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 JOB No: 19040128
 SHEET 23 OF 37

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W. ADAMS AVE.



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REVISIONS		
NUMBER	BY	DATE

SIGNING AND PAVEMENT MARKING SHEET
SHEET 1 OF 14

CITY OF KIRKWOOD, MISSOURI
GEYER ROAD RESURFACING - PHASE 2
STP-5502 (609)

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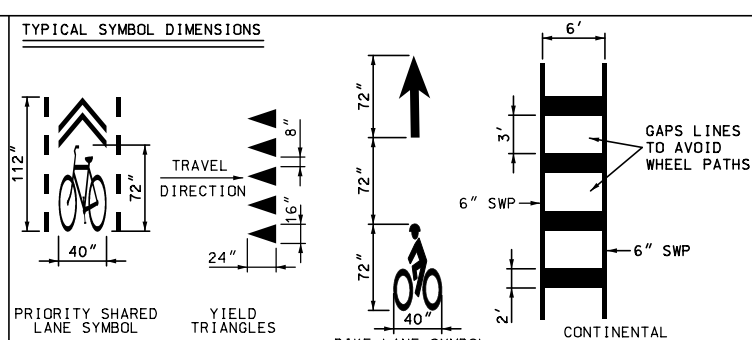
JOB No: 19040128

SHEET 24 OF 37

STRIPING KEY

S - SOLID	↑ STRAIGHT ARROW
I - INTERMITTENT	↙ LEFT OR RIGHT TURN ARROW
D - DOUBLE	..... YIELD BAR
W - WHITE	🚲 BIKE SYMBOL
Y - YELLOW	🚲 SHARED LANE SYMBOL
T - TAPE	🚲 RAILROAD CROSSING SYMBOL
P - PAINT	

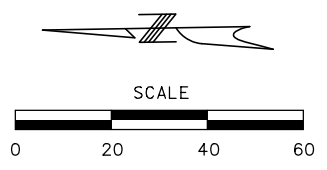
1.E., 6" IWP = 6" INTERMITTENT WHITE PAINT



NOTES:
1. PAVEMENT MARKING SHALL MATCH EXISTING AT THE COLDMILL BUTT JOINTS.
2. RECTANGULAR RAPID FLASH BEACONS SHALL BE INSTALLED ON SIGNS 1 AND 4.

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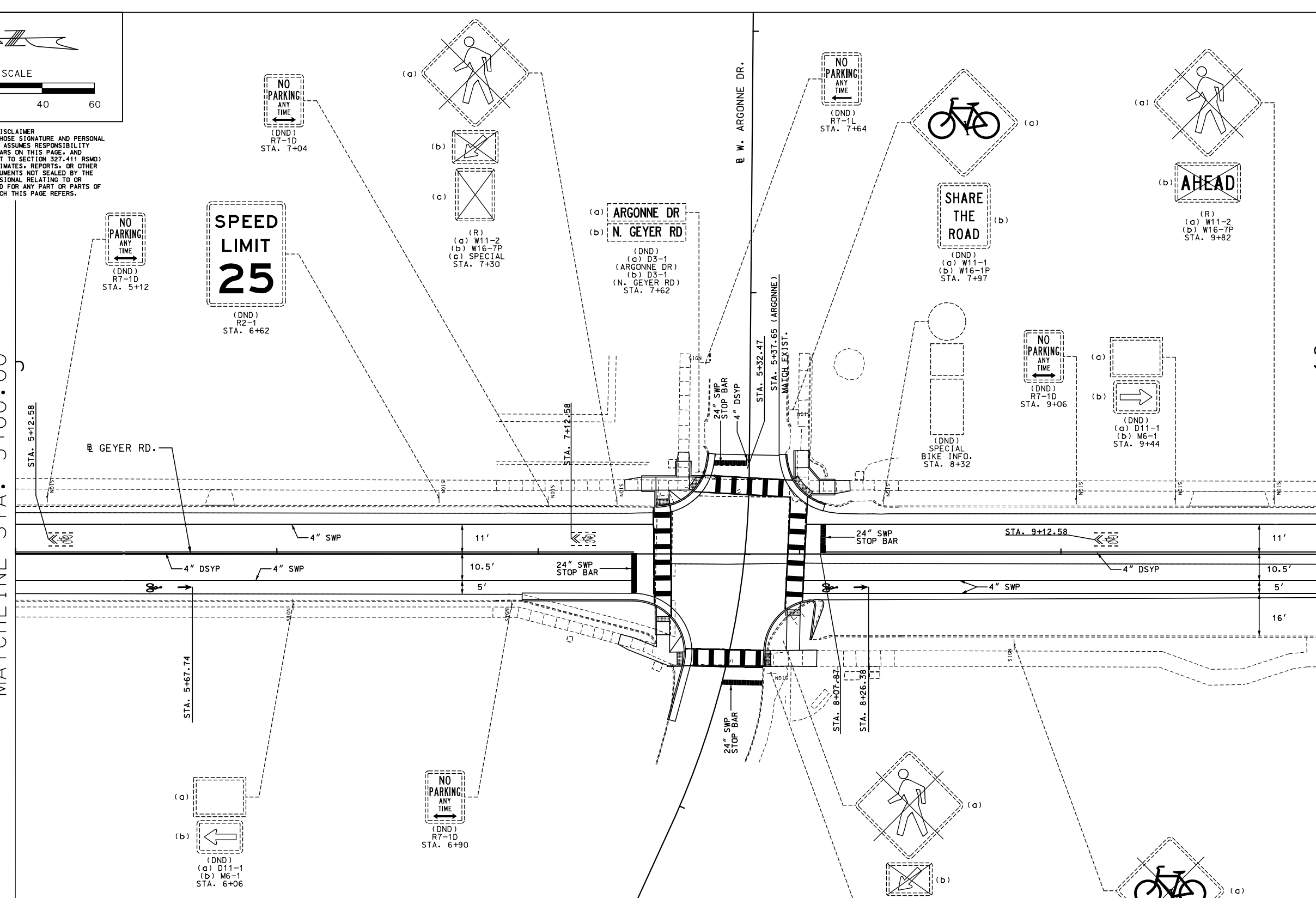
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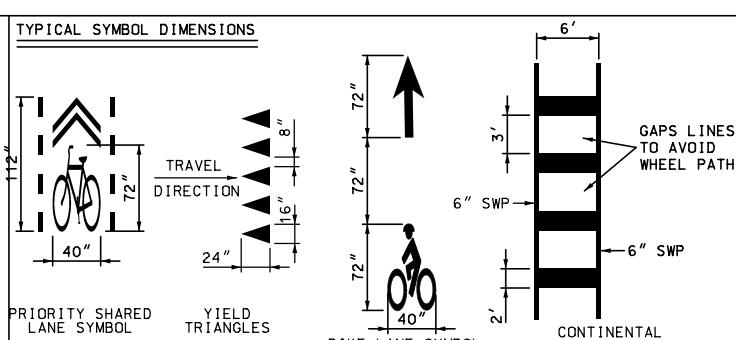
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MATCHLINE STA. 5+00.00

MATCHLINE STA. 10+00.00



STRIPING KEY	
S - SOLID	↑ STRAIGHT ARROW
I - INTERMITTENT	↙ LEFT OR RIGHT TURN ARROW
D - DOUBLE	▬ YIELD BAR
W - WHITE	🚲 BIKE SYMBOL
Y - YELLOW	🚲 SHARED LANE SYMBOL
T - TAPE	🚲 SHARED LANE SYMBOL
P - PAINT	🚲 SHARED LANE SYMBOL
I.E., 6" IWP = 6" INTERMITTENT WHITE PAINT	
⚡	RAILROAD CROSSING SYMBOL



NOTES:
1. PAVEMENT MARKING SHALL MATCH EXISTING AT THE COLDMILL BUTT JOINTS.
2. SEE SIGNAL SHEETS FOR SIGNAL MOUNTED SIGNS.

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NUMBER	BY	DATE

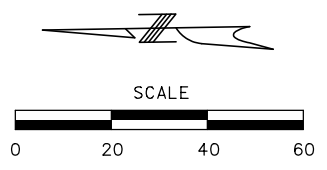
SIGNING AND PAVEMENT MARKING SHEET
SHEET 2 OF 14

CITY OF KIRKWOOD, MISSOURI
GEYER ROAD RESURFACING - PHASE 2
STP-5502 (609)

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DATE: 3/11/2022
JOB No: 19040128
SHEET 25 OF 37

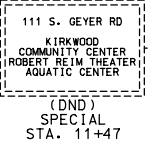
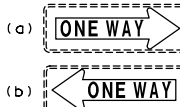
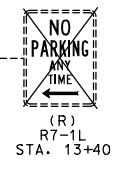
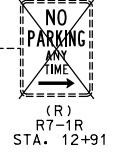
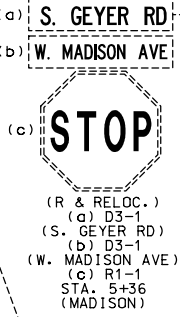
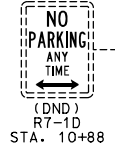
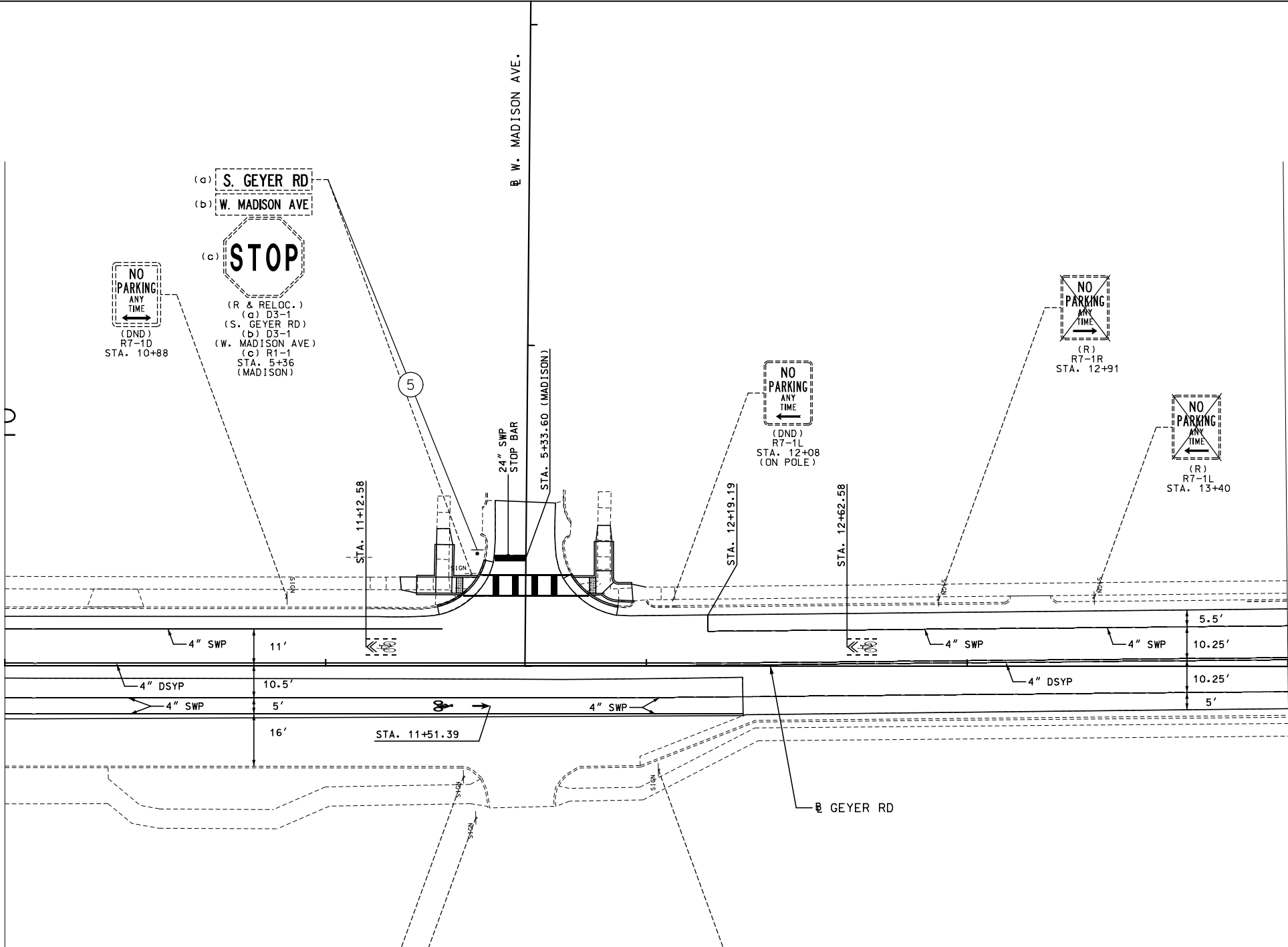
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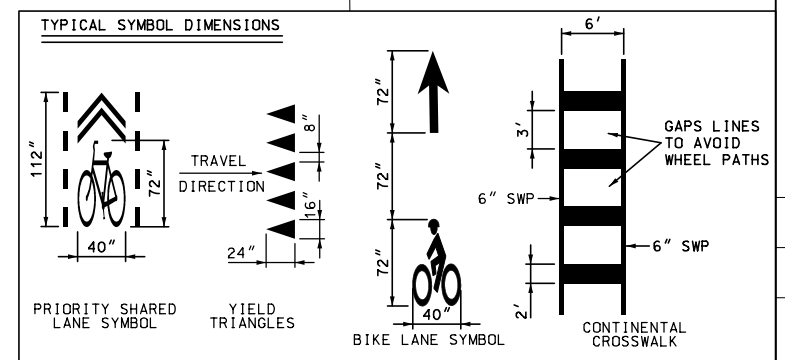
MATCHLINE STA. 10+00.00

MATCHLINE STA. 14+00.00



STRIPING KEY

S - SOLID	↑ STRAIGHT ARROW
I - INTERMITTENT	↙ LEFT OR RIGHT TURN ARROW
D - DOUBLE	..... YIELD BAR
W - WHITE	🚲 BIKE SYMBOL
Y - YELLOW	🚲 SHARED LANE SYMBOL
T - TAPE	🚲 SHARED LANE SYMBOL
P - PAINT	🚲 SHARED LANE SYMBOL
I.E., 6" IWP = 6" INTERMITTENT WHITE PAINT	🚲 SHARED LANE SYMBOL
	🚲 RAILROAD CROSSING SYMBOL



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REVISIONS

NUMBER	BY	DATE

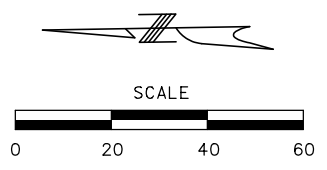
SIGNING AND PAVEMENT MARKING SHEET
 SHEET 3 OF 14
 CITY OF KIRKWOOD, MISSOURI
 GEYER ROAD RESURFACING - PHASE 2
 STP-5502 (609)

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DATE: 3/11/2022
 JOB No: 19040128
 SHEET 26 OF 37

026_Sign_PaveMark_120_003.dgn

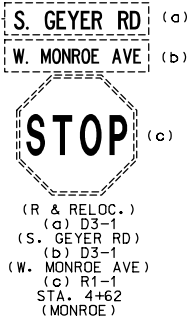
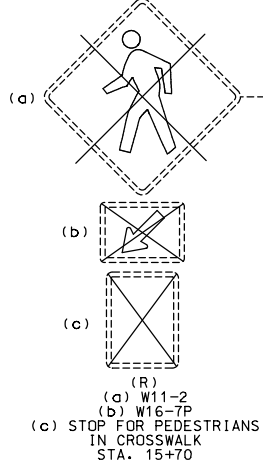
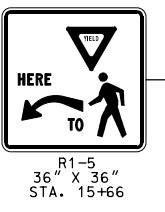
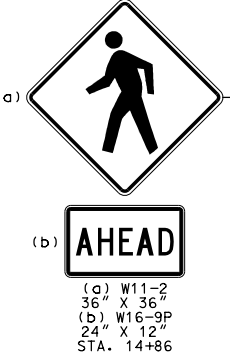
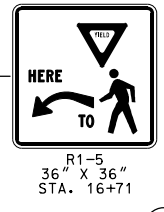
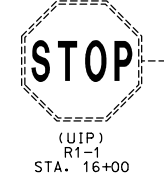
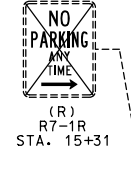
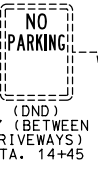
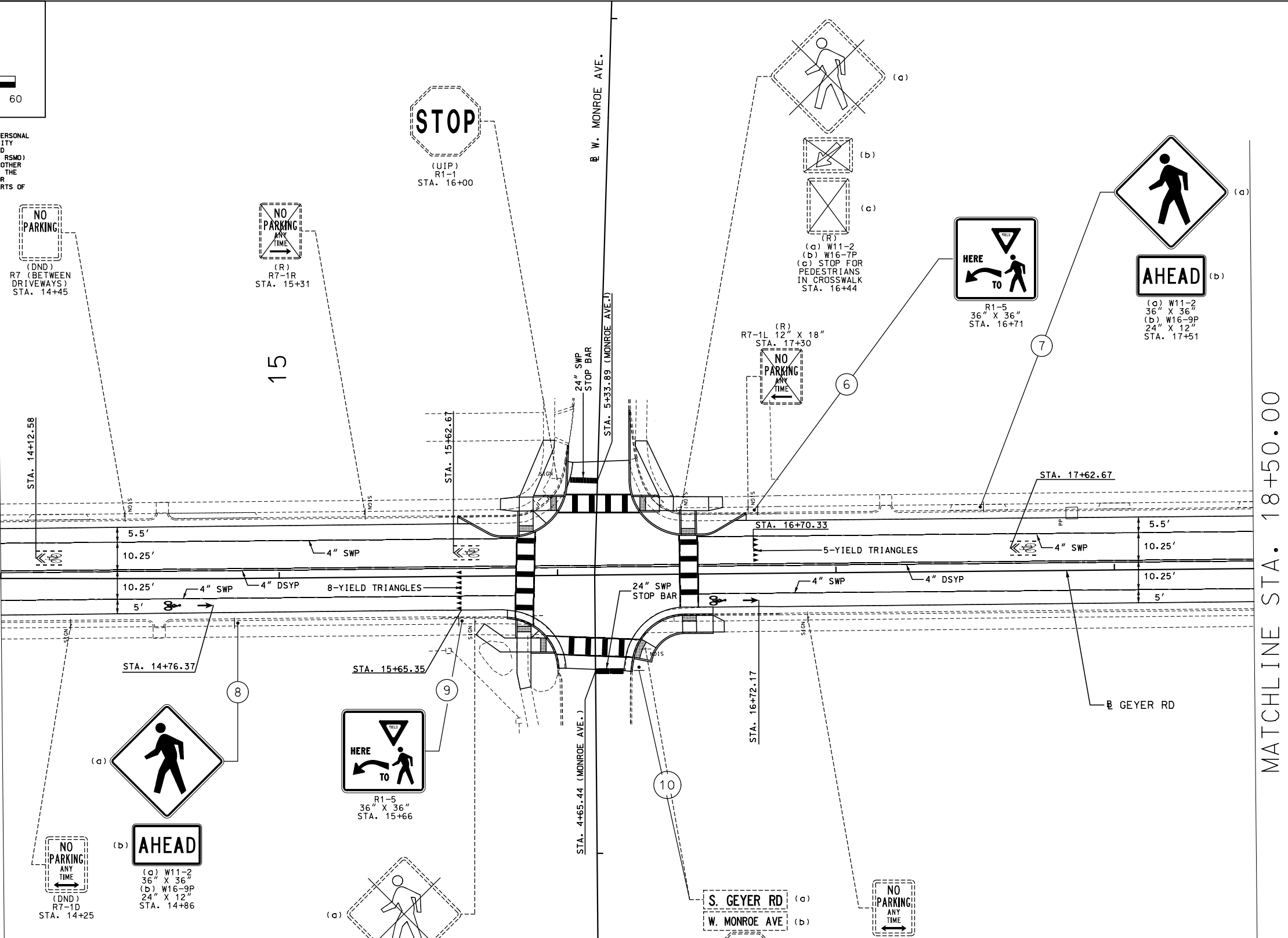
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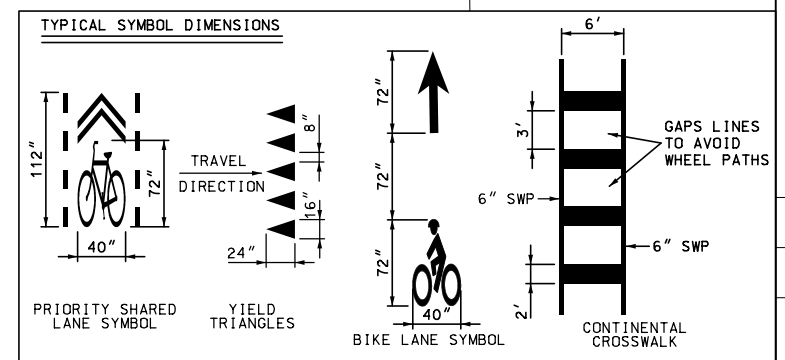
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MATCHLINE STA. 18+50.00



STRIPING KEY

S - SOLID	↑ STRAIGHT ARROW
I - INTERMITTENT	↙ LEFT OR RIGHT TURN ARROW
D - DOUBLE	..... YIELD BAR
W - WHITE	🚲 BIKE SYMBOL
Y - YELLOW	🚲 SHARED LANE SYMBOL
T - TAPE	🚲 SHARED LANE SYMBOL
P - PAINT	🚲 SHARED LANE SYMBOL
1.E., 6" IWP = 6" INTERMITTENT WHITE PAINT	🚲 RAILROAD CROSSING SYMBOL



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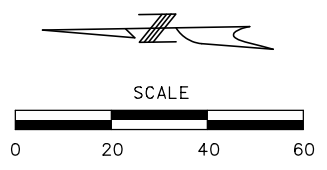
NUMBER	BY	DATE

SIGNING AND PAVEMENT MARKING SHEET
 SHEET 4 OF 14
 CITY OF KIRKWOOD, MISSOURI
 GEYER ROAD RESURFACING - PHASE 2
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DATE: 3/11/2022
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 SHEET 27 OF 37

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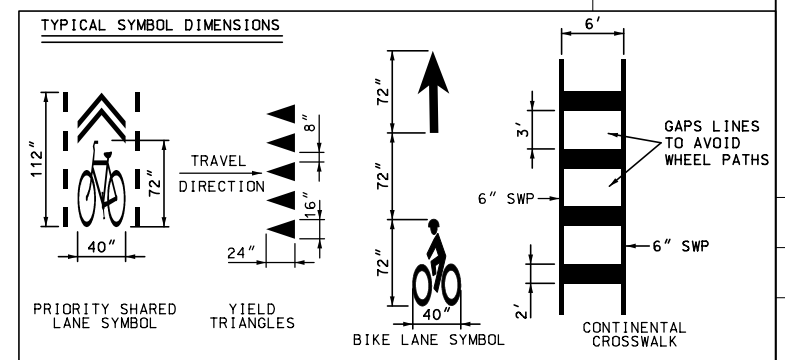
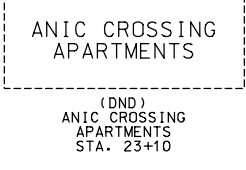
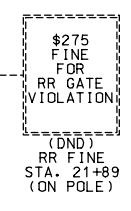
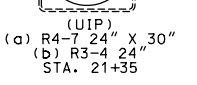
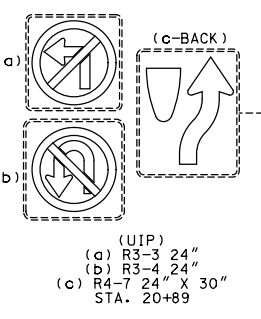
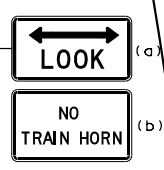
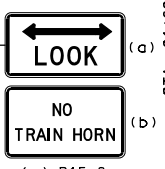
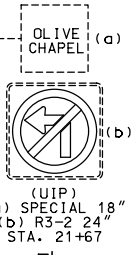
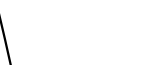
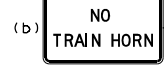
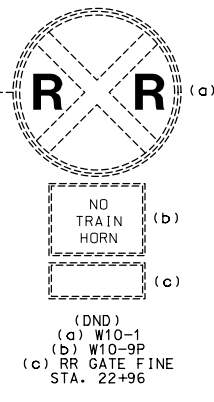
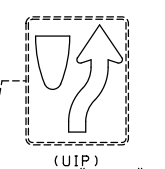
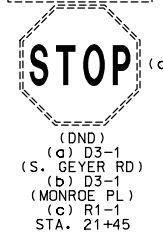
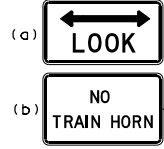
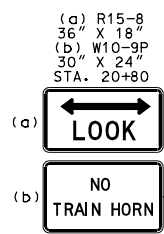
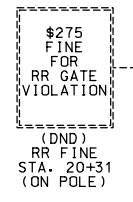
MATCHLINE STA. 18+50.00

MATCHLINE STA. 23+50.00

028_Sign_PaveMark_120_005.dgn

STRIPING KEY	
S - SOLID	↑ STRAIGHT ARROW
I - INTERMITTENT	↙ LEFT OR RIGHT TURN ARROW
D - DOUBLE	..... YIELD BAR
W - WHITE	🚲 BIKE SYMBOL
Y - YELLOW	🚲 SHARED LANE SYMBOL
T - TAPE	🚲 SHARED LANE SYMBOL
P - PAINT	🚲 SHARED LANE SYMBOL
1. E. 6" IWP = 6" INTERMITTENT WHITE PAINT	
🚶	RAILROAD CROSSING SYMBOL

NOTES:
 1. PAVEMENT MARKING SHALL MATCH EXISTING AT THE COLDMILL BUTT JOINTS.



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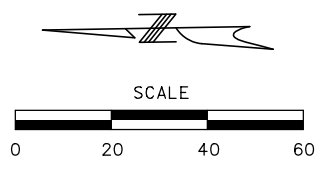
REVISIONS		
NUMBER	BY	DATE

SIGNING AND PAVEMENT MARKING SHEET
 SHEET 5 OF 14
 CITY OF KIRKWOOD, MISSOURI
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 JOB No: 19040128
 SHEET 28 OF 37

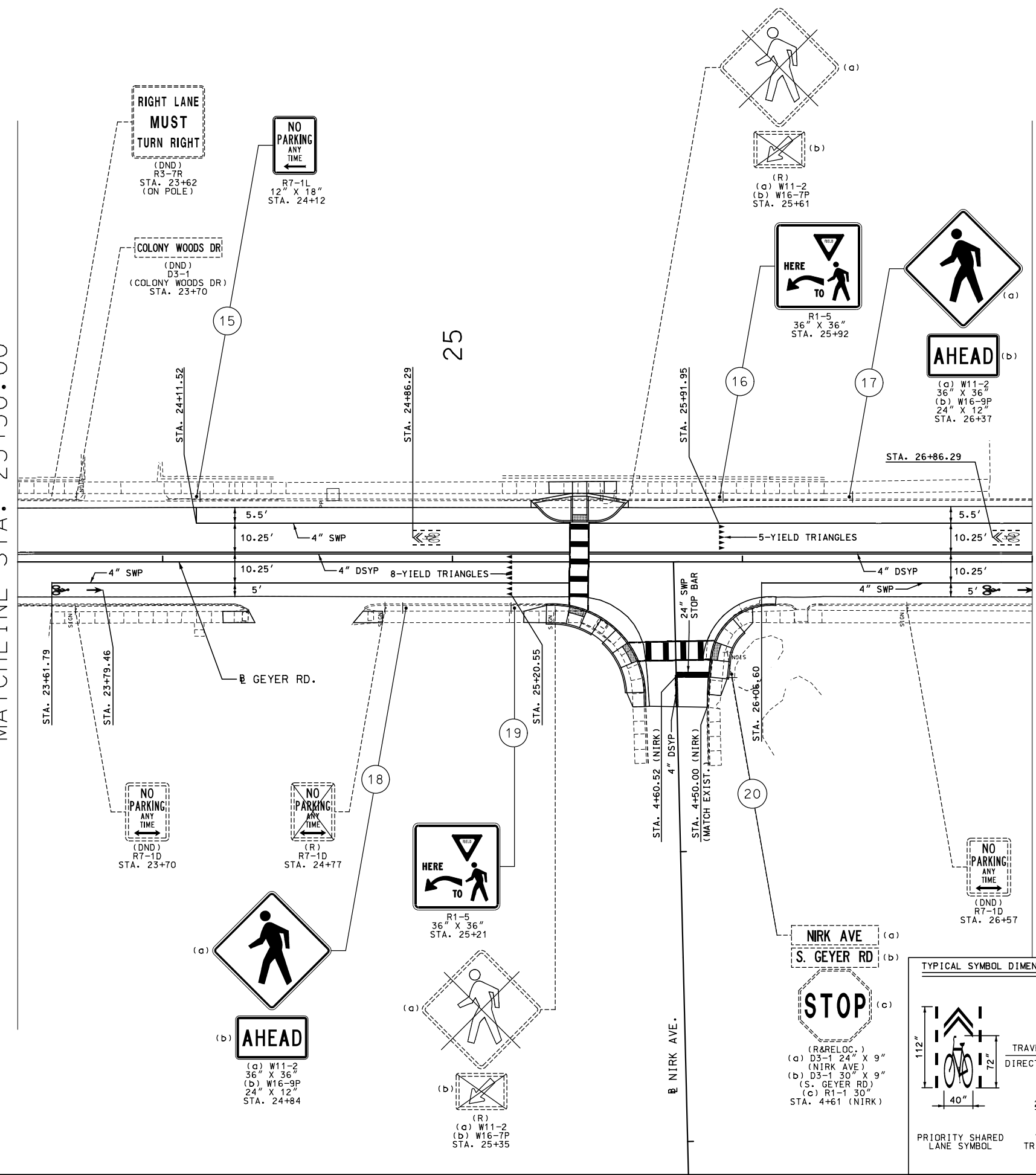
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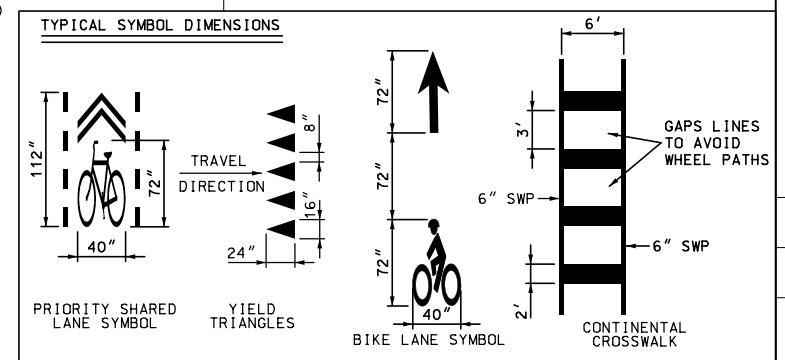
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NOTES:
 1. PAVEMENT MARKING SHALL MATCH EXISTING AT THE COLDMILL BUTT JOINTS.

STRIPING KEY	
S - SOLID	↑ STRAIGHT ARROW
I - INTERMITTENT	↙ LEFT OR RIGHT TURN ARROW
D - DOUBLE	..... YIELD BAR
W - WHITE	🚲 BIKE SYMBOL
Y - YELLOW	🚲 SHARED LANE SYMBOL
T - TAPE	🚲 SHARED LANE SYMBOL
P - PAINT	🚲 SHARED LANE SYMBOL
1.E., 6" IWP = 6" INTERMITTENT WHITE PAINT	🚲 SHARED LANE SYMBOL
	🚲 RAILROAD CROSSING SYMBOL



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SIGNING AND PAVEMENT MARKING SHEET
 SHEET 6 OF 14
 CITY OF KIRKWOOD, MISSOURI
 GEYER ROAD RESURFACING - PHASE 2
 STP-5502 (609)

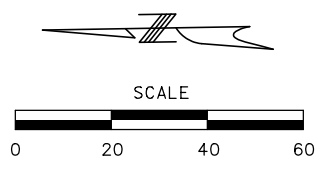
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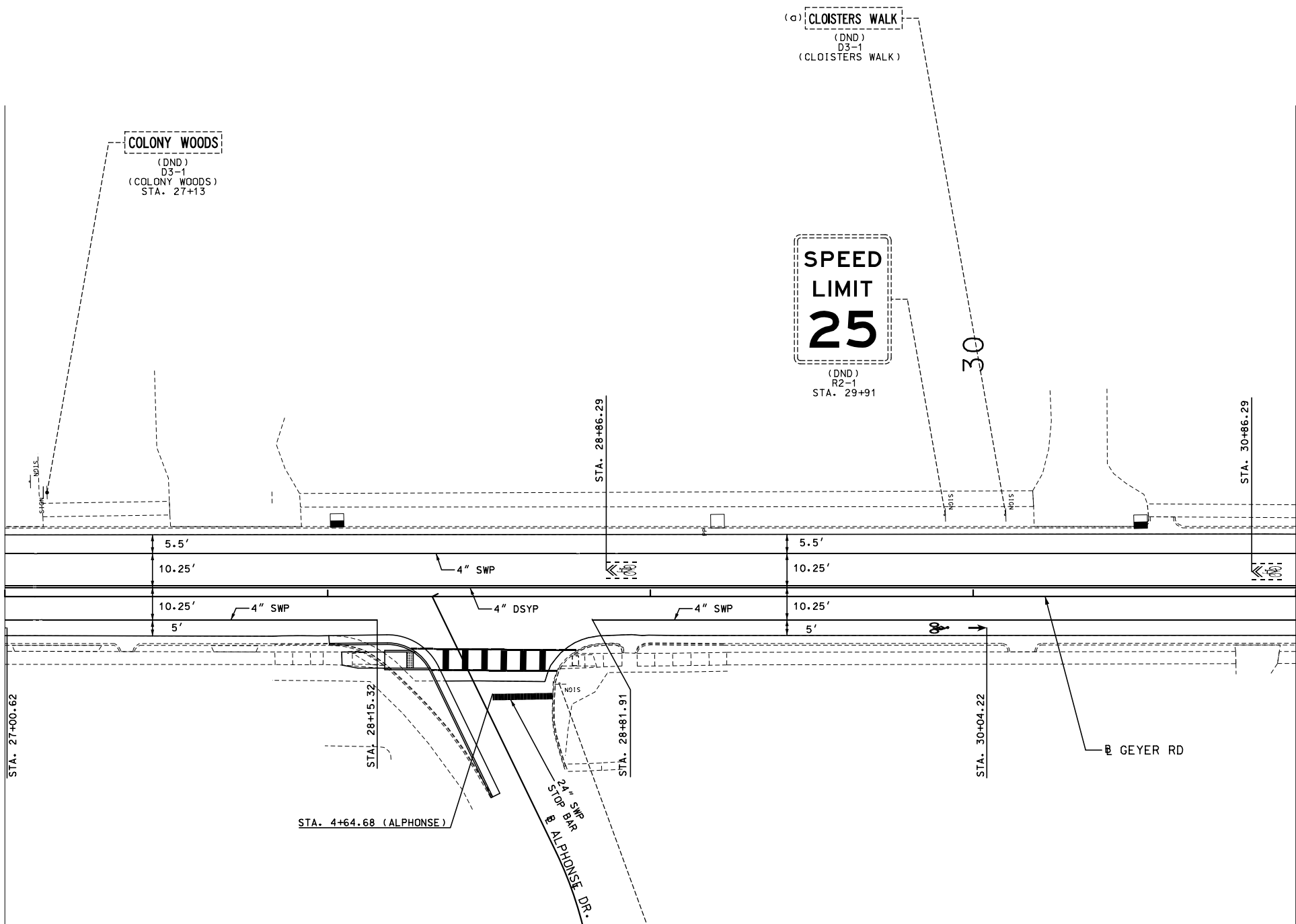
SHEET 29 OF 37

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NUMBER	BY	DATE

SIGNING AND PAVEMENT MARKING SHEET
 SHEET 7 OF 14
 CITY OF KIRKWOOD, MISSOURI
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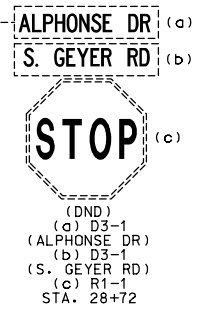
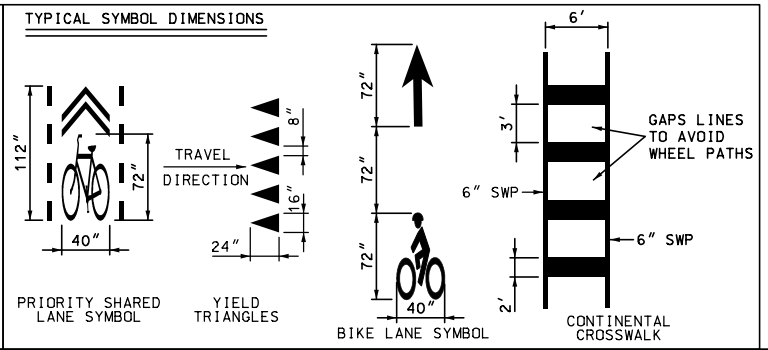
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JOB No: 19040128

SHEET 30 OF 37

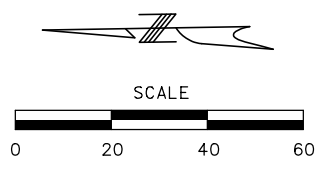
STRIPING KEY

S - SOLID	↑ STRAIGHT ARROW
I - INTERMITTENT	↙ LEFT OR RIGHT TURN ARROW
D - DOUBLE	..... YIELD BAR
W - WHITE	🚲 BIKE SYMBOL
Y - YELLOW	🚲 SHARED LANE SYMBOL
T - TAPE	🚲 SHARED LANE SYMBOL
P - PAINT	🚲 SHARED LANE SYMBOL
1.E., 6" IWP = 6" INTERMITTENT WHITE PAINT	🚲 RAILROAD CROSSING SYMBOL



030_Sign_PaveMark_120_007.dgn

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NOTES:
 1. PAVEMENT MARKING SHALL MATCH EXISTING AT THE COLDMILL BUTT JOINTS.
 2. STOP SIGN MOUNTED ON SPECIAL POST. RELOCATE SIGN AND POST.

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DATE: 3/11/2022
 JOB No: 19040128
 SHEET 31 OF 37

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MATCHLINE STA. 36+00.00

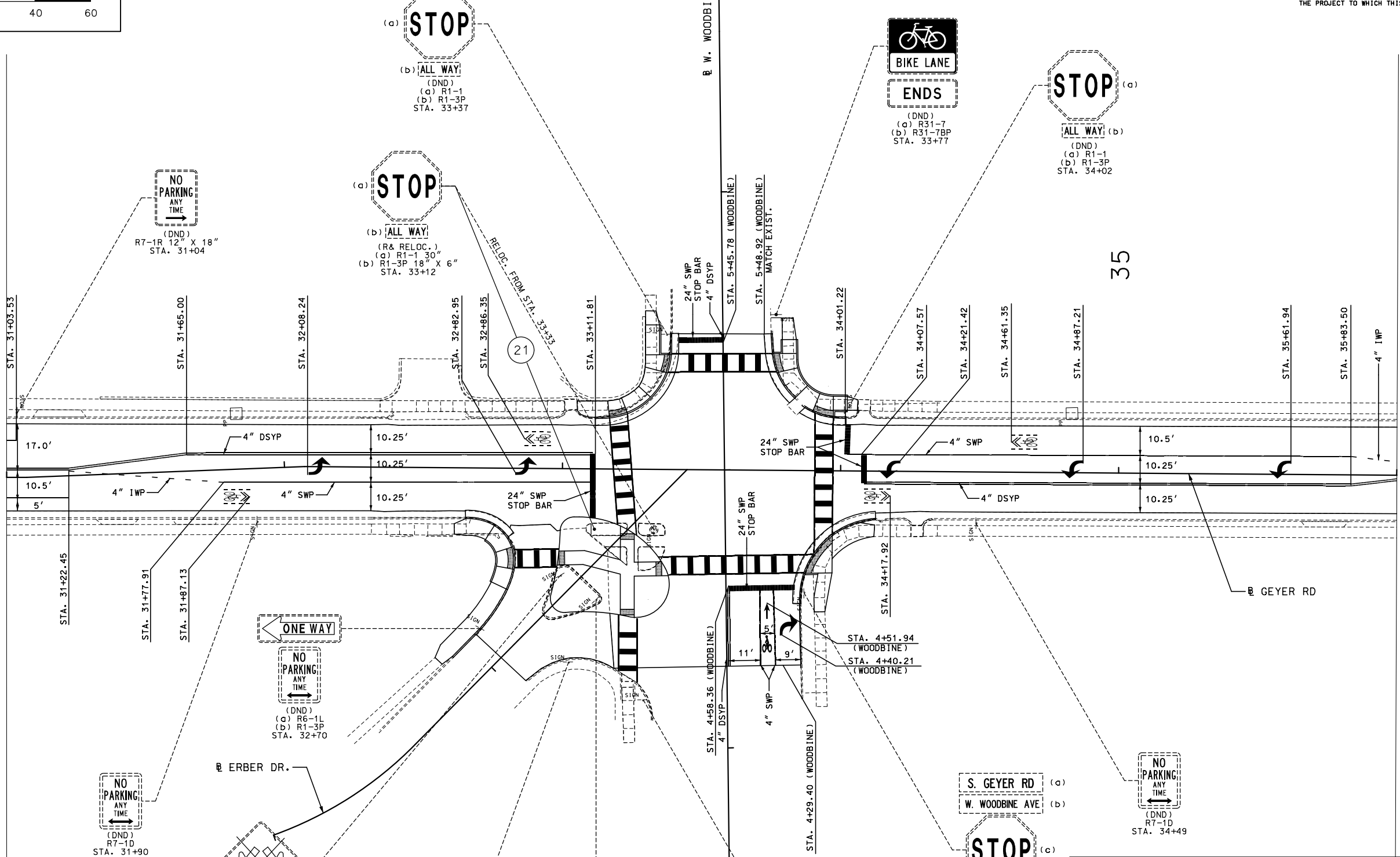
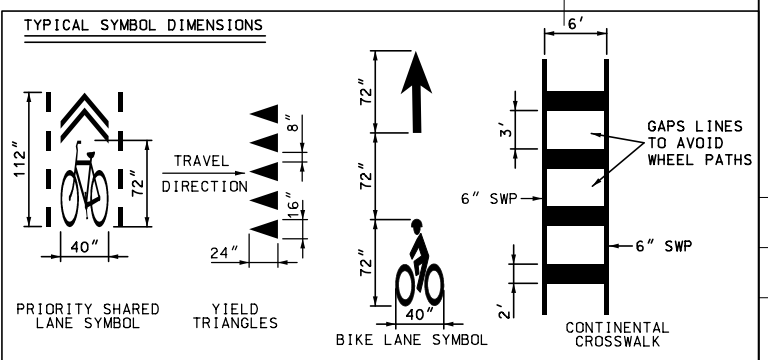
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GEYER RD

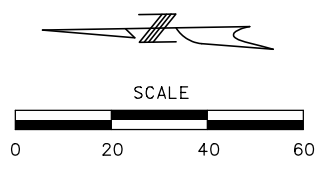
ERBER DR.

031_Sign_PaveMark_120_008.dgn

STRIPING KEY	
S - SOLID	↑ STRAIGHT ARROW
I - INTERMITTENT	↙ LEFT OR RIGHT TURN ARROW
D - DOUBLE	..... YIELD BAR
W - WHITE	🚲 BIKE SYMBOL
Y - YELLOW	🚲 SHARED LANE SYMBOL
T - TAPE	🚲 SHARED LANE SYMBOL
P - PAINT	🚲 SHARED LANE SYMBOL
1.E., 6" IWP = 6" INTERMITTENT WHITE PAINT	🚲 SHARED LANE SYMBOL
	🚲 RAILROAD CROSSING SYMBOL



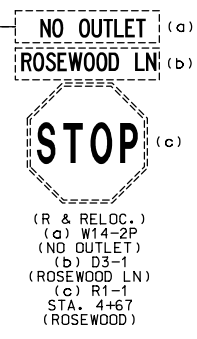
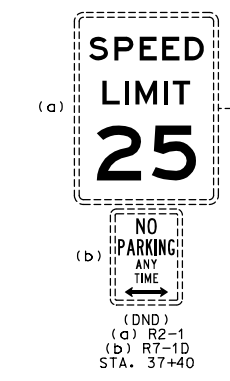
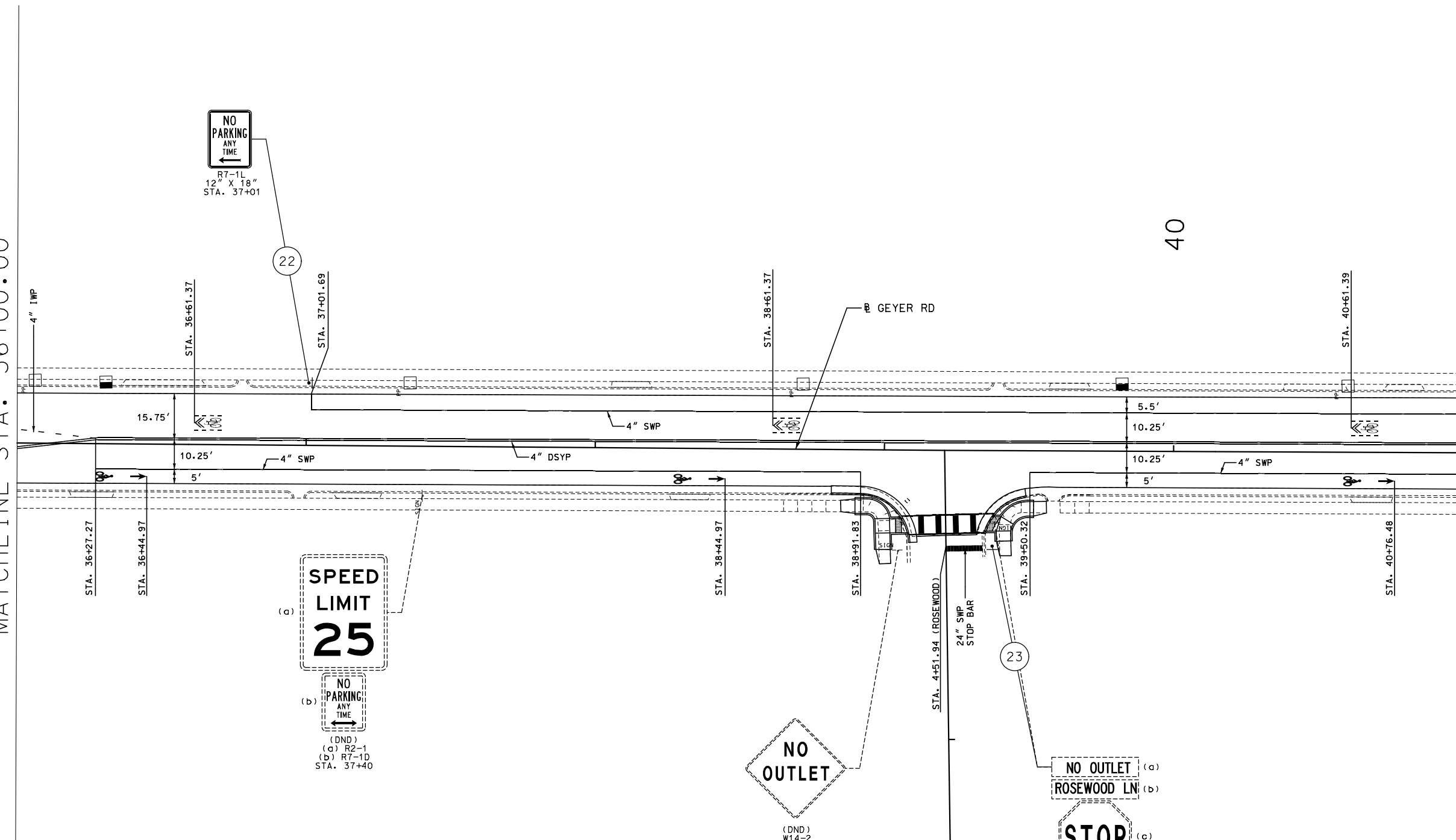
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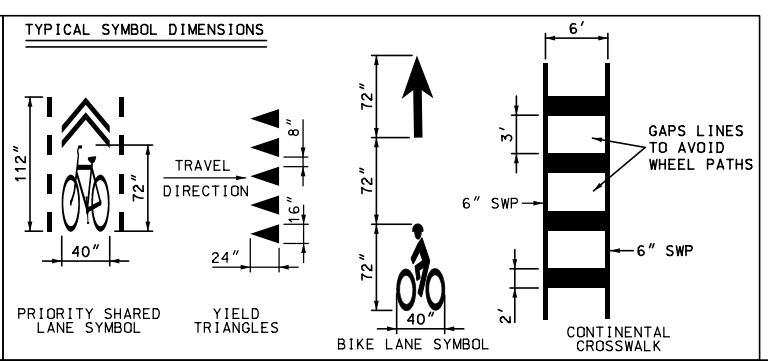
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MATCHLINE STA. 41+00.00



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STRIPING KEY	
S - SOLID	↑ STRAIGHT ARROW
I - INTERMITTENT	↙ LEFT OR RIGHT TURN ARROW
D - DOUBLE	..... YIELD BAR
W - WHITE	🚲 BIKE SYMBOL
Y - YELLOW	🚲 SHARED LANE SYMBOL
T - TAPE	🚲 SHARED LANE SYMBOL
P - PAINT	🚲 SHARED LANE SYMBOL
I.E., 6" IWP = 6" INTERMITTENT WHITE PAINT	
🚲	RAILROAD CROSSING SYMBOL



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SIGNING AND PAVEMENT MARKING SHEET
 SHEET 9 OF 14
 CITY OF KIRKWOOD, MISSOURI
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 STP-5502 (609)

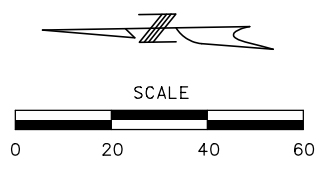
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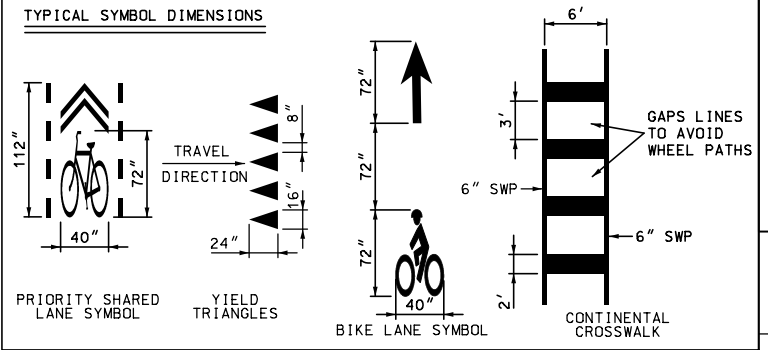
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SHEET 32 OF 37

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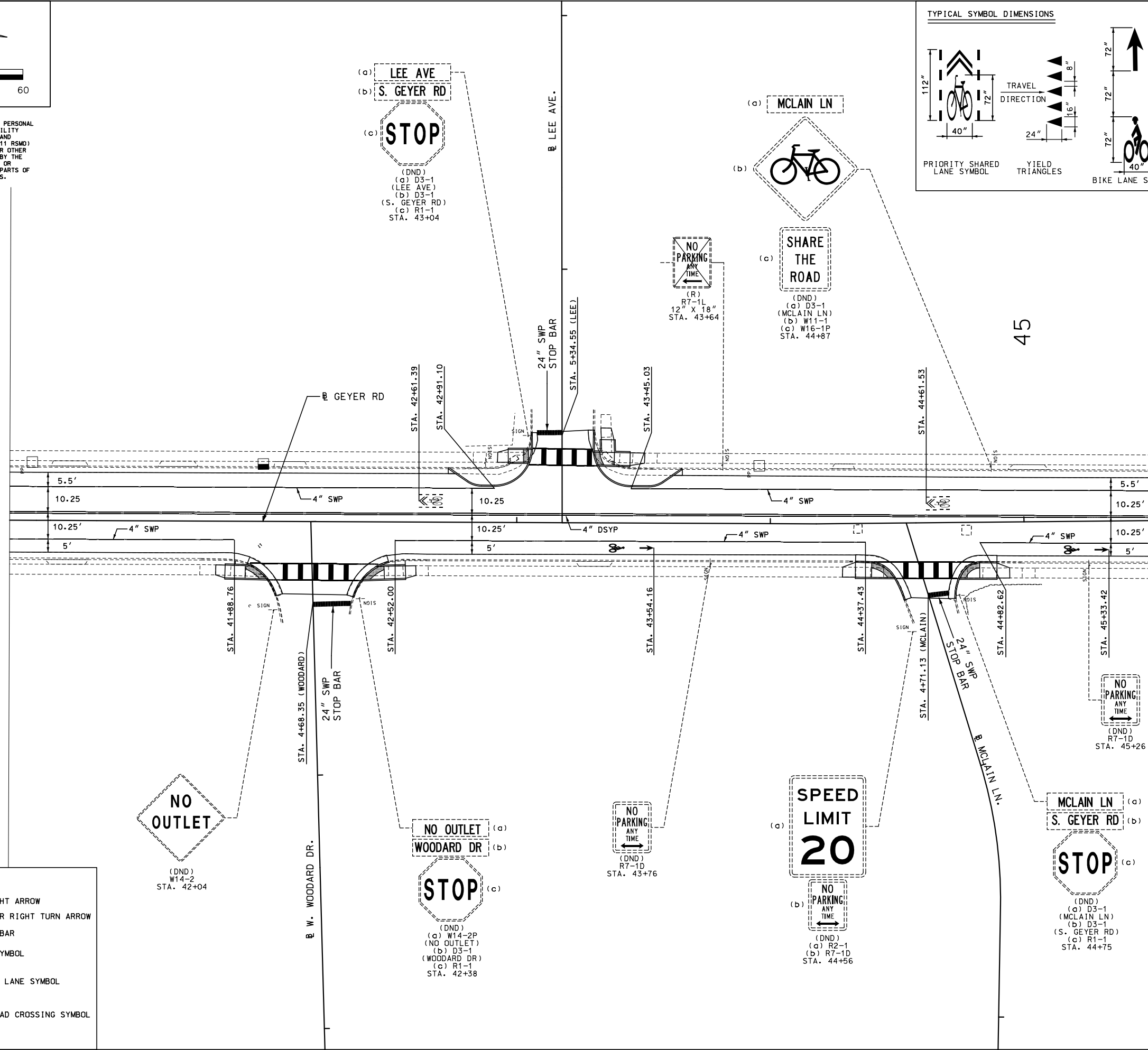


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REVISIONS		
NUMBER	BY	DATE

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MATCHLINE STA. 45+50.00



STRIPING KEY	
S - SOLID	↑ STRAIGHT ARROW
I - INTERMITTENT	↙ LEFT OR RIGHT TURN ARROW
D - DOUBLE	..... YIELD BAR
W - WHITE	🚲 BIKE SYMBOL
Y - YELLOW	🚲 SHARED LANE SYMBOL
T - TAPE	🚲 RAILROAD CROSSING SYMBOL
P - PAINT	
1.E., 6" IWP = 6" INTERMITTENT WHITE PAINT	

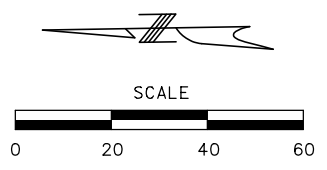
SIGNING AND PAVEMENT MARKING SHEET
 SHEET 10 OF 14

CITY OF KIRKWOOD, MISSOURI
 GEYER ROAD RESURFACING - PHASE 2
 STP-5502 (609)



DATE:	3/11/2022
JOB No:	19040128
SHEET	33 OF 37

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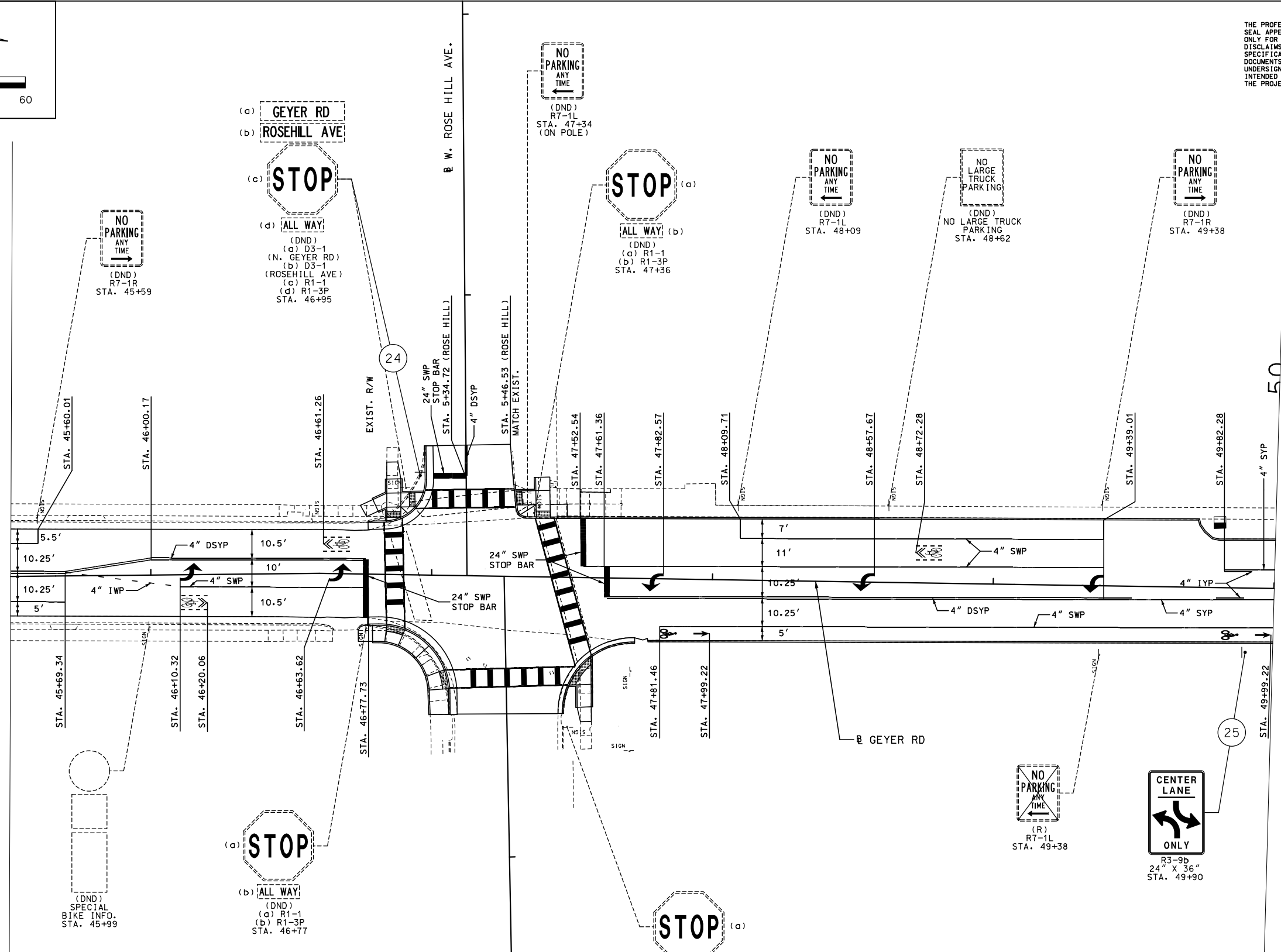
SIGNING AND PAVEMENT MARKING SHEET
 SHEET 11 OF 14
 CITY OF KIRKWOOD, MISSOURI
 GEYER ROAD RESURFACING - PHASE 2
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 ENGINEERING CORPORATION - 000631

DATE: 3/11/2022
 JOB No: 19040128
 SHEET 34 OF 37

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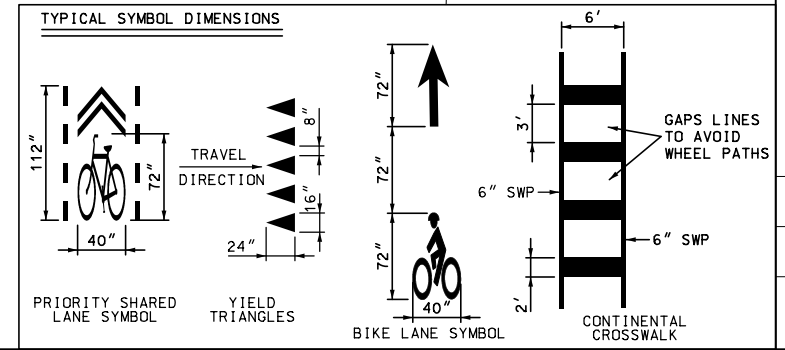
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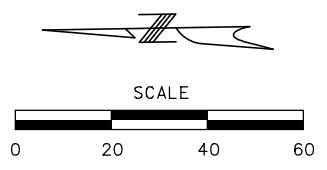
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STRIPING KEY	
S - SOLID	↑ STRAIGHT ARROW
I - INTERMITTENT	↙ LEFT OR RIGHT TURN ARROW
D - DOUBLE	..... YIELD BAR
W - WHITE	🚲 BIKE SYMBOL
Y - YELLOW	🚲 SHARED LANE SYMBOL
T - TAPE	🚂 RAILROAD CROSSING SYMBOL
P - PAINT	
I.E., 6" IWP = 6" INTERMITTENT WHITE PAINT	

NOTES:
 1. PAVEMENT MARKING SHALL MATCH EXISTING AT THE COLDMILL BUTT JOINTS.

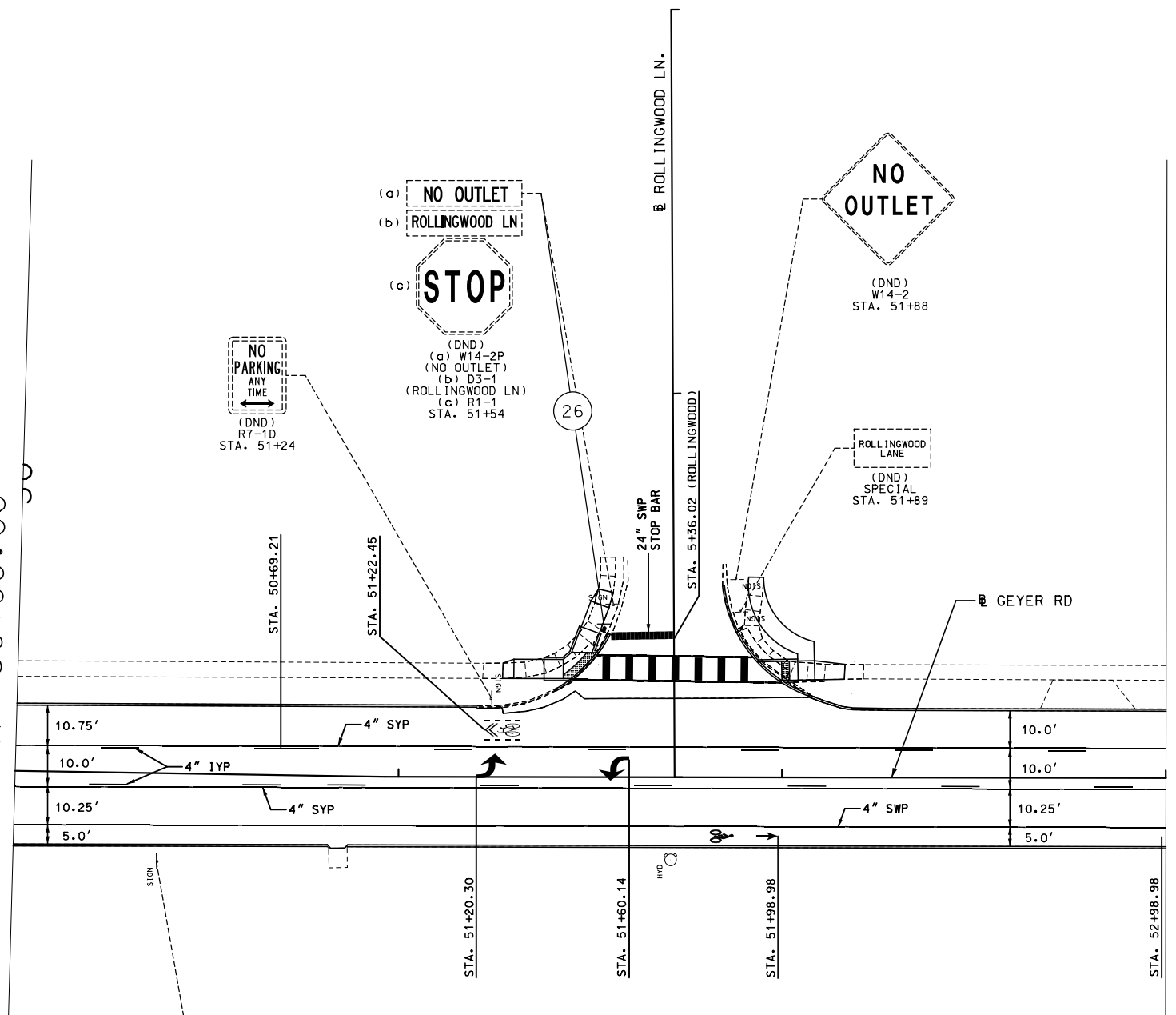


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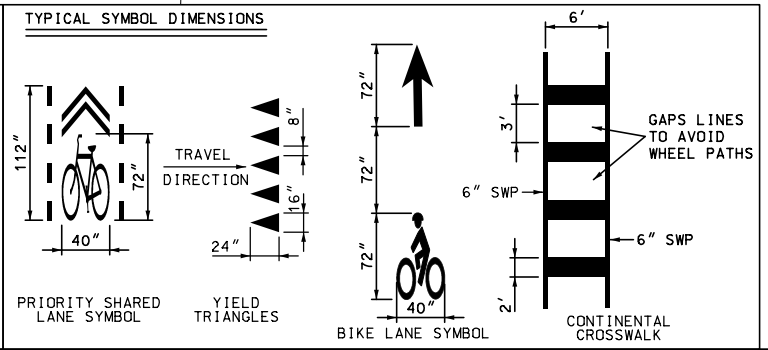
MATCHLINE STA. 50+00.00

MATCHLINE STA. 53+00.00



STRIPING KEY

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1.E., 6" IWP = 6" INTERMITTENT WHITE PAINT	🚲 RAILROAD CROSSING SYMBOL



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SIGNING AND PAVEMENT MARKING SHEET
SHEET 12 OF 14

CITY OF KIRKWOOD, MISSOURI
GEYER ROAD RESURFACING - PHASE 2
STP-5502 (609)

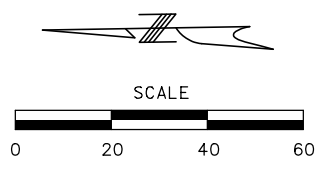
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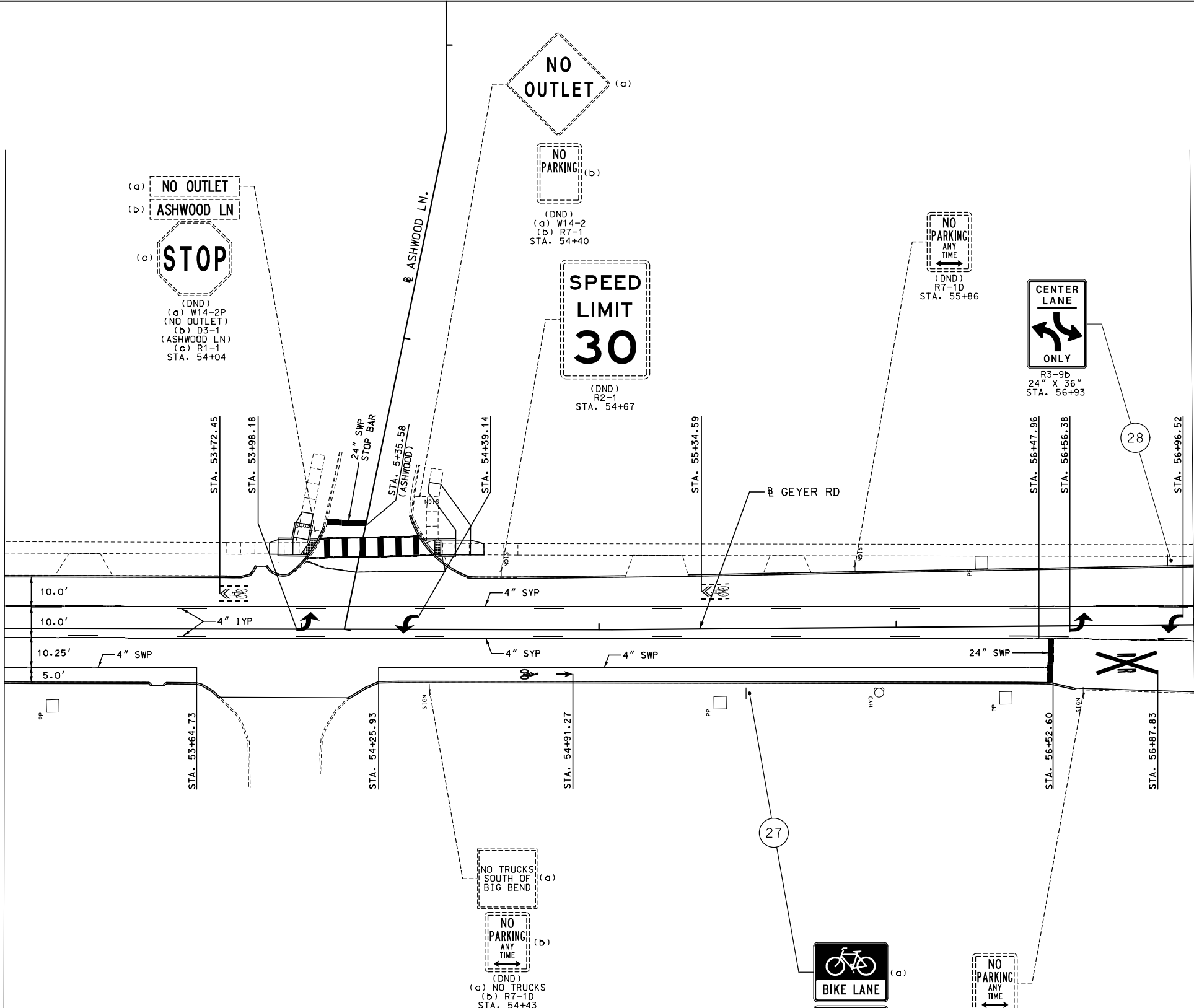


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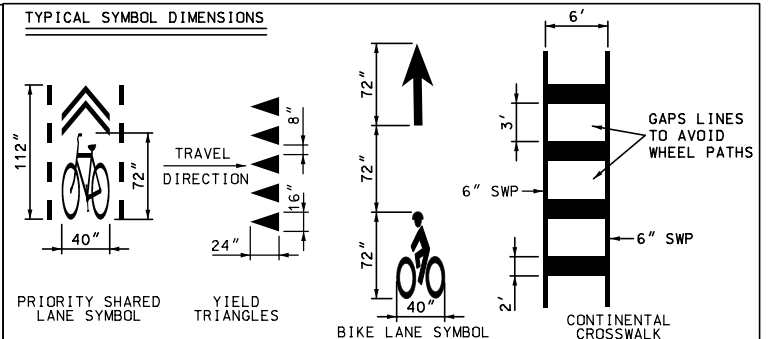
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MATCHLINE STA. 57+00.00



STRIPING KEY

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1.E., 6" IWP = 6" INTERMITTENT WHITE PAINT	🚲 SHARED LANE SYMBOL
	🚲 RAILROAD CROSSING SYMBOL



SIGNING AND PAVEMENT MARKING SHEET
SHEET 13 OF 14

CITY OF KIRKWOOD, MISSOURI
GEYER ROAD RESURFACING - PHASE 2
STP-5502 (609)

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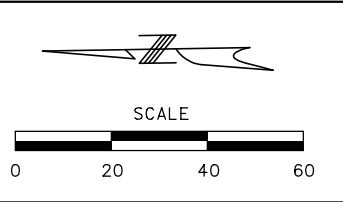
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037_Sign_PaveMark_120_014.dgn

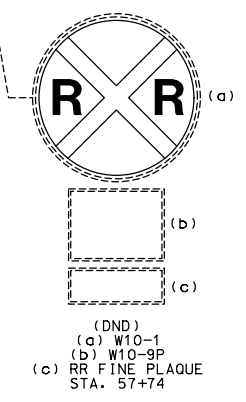
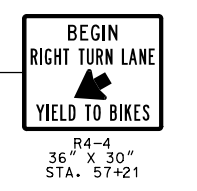
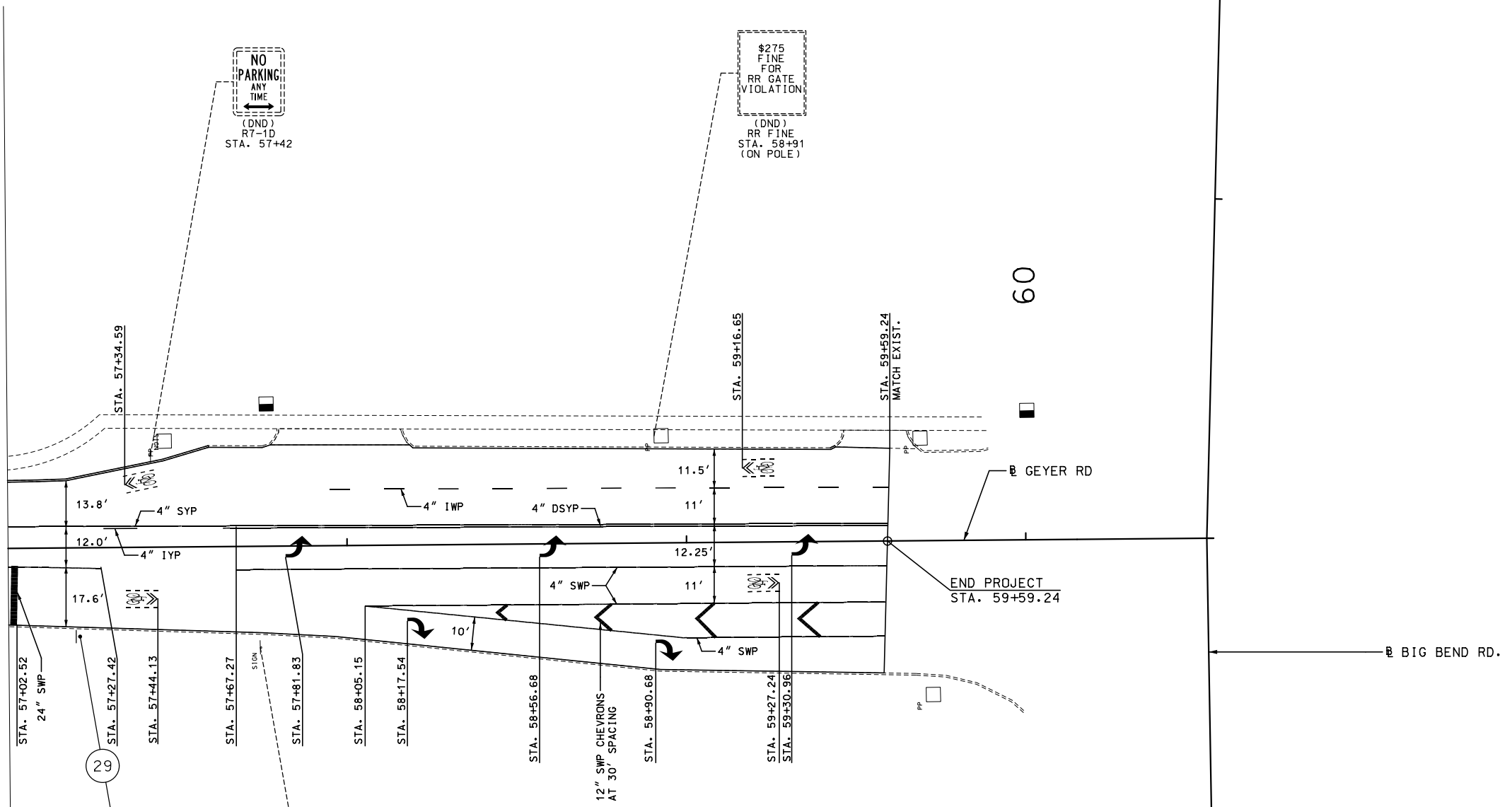


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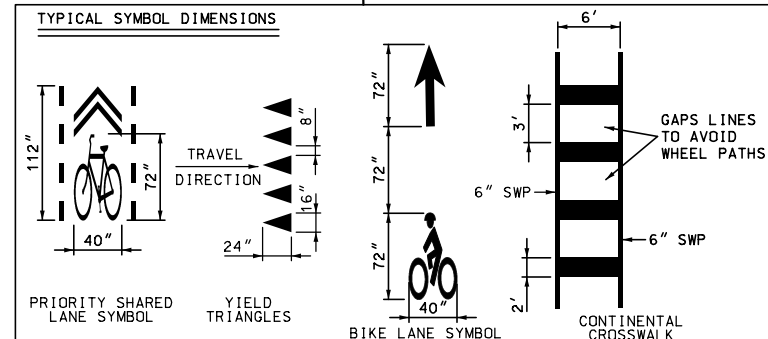
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SIGNING AND PAVEMENT MARKING SHEET
 SHEET 14 OF 14
 CITY OF KIRKWOOD, MISSOURI
 GEYER ROAD RESURFACING - PHASE 2
 STP-5502 (609)

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 SHEET 37 OF 37

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