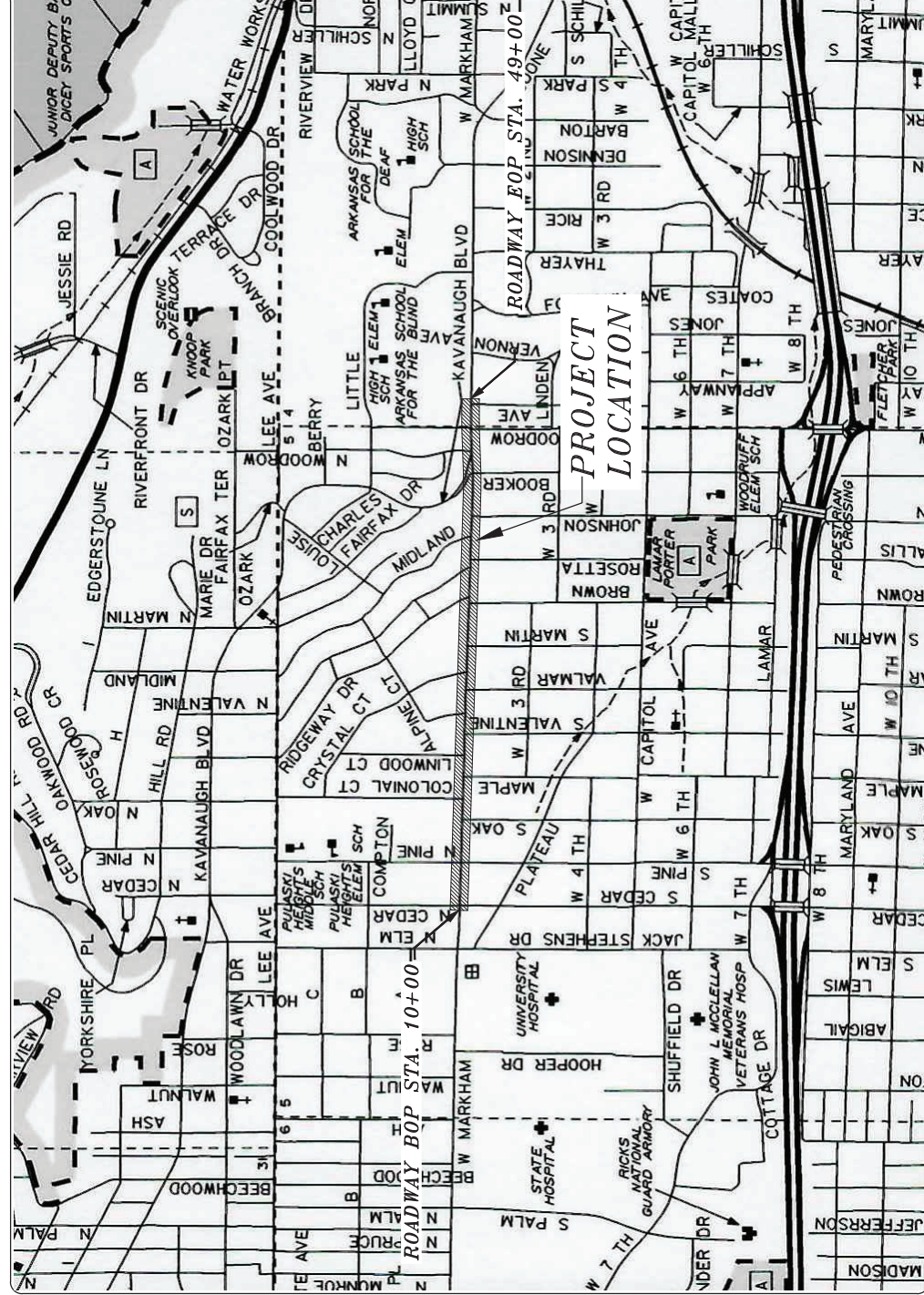


??CLR PROJECT #?? MARKHAM ST. SIDEWALK IMPROVEMENTS LITTLE ROCK, ARKANSAS



90% SUBMITTAL APRIL 2022

DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 WEST MARKHAM STREET
LITTLE ROCK, ARKANSAS 72201



Know what's below.
Call before you dig.



7302 Kamis Rd.
Little Rock, AR 72204
PH# 501-371-0272
<http://www.mce.us.com>

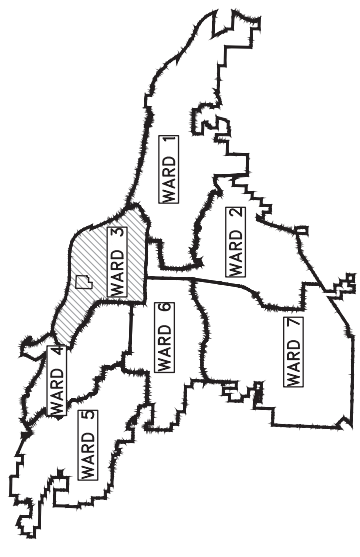
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
SIDEWALK IMPROVEMENTS
MARKHAM ST.
COVER SHEET

DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

SEAL

DRAWN BY	JAM
DESIGNED	EH4
CHECKED	MK
DATE	APRIL 2022
SCALE	NTS
PROJECT NO.	CLR #??
SHEET NO.	C1



PROJECT LOCATION - WARD 3

SHEET NO.	TITLE
C1	COVER SHEET
C2	LEGEND AND QUANTITIES
C3	TOPOGRAPHIC SURVEY
C4	TOPOGRAPHIC SURVEY
C5	TOPOGRAPHIC SURVEY
C6	TOPOGRAPHIC SURVEY
C7	PROJECT OVERVIEW
C8	TYPICAL SECTIONS
C9	TYPICAL SECTIONS
C10	TYPICAL SECTIONS
C11	SPECIAL DETAILS
C12	PLAN AND PROFILE
C13	PLAN AND PROFILE
C14	PLAN AND PROFILE
C15	PLAN AND PROFILE
C16	PLAN AND PROFILE
C17	PLAN AND PROFILE
C18	PLAN AND PROFILE
C19	GRADING PLAN
C20	EROSION CONTROL PLAN
C21	EROSION CONTROL PLAN
C22	EROSION CONTROL PLAN
C23	EROSION CONTROL PLAN
C24	MOT STAGE 1 PLAN
C25	MOT STAGE 1 PLAN
C26	MOT STAGE 1 PLAN
C27	MOT STAGE 1 PLAN
C28	MOT STAGE 2 PLAN
C29	MOT STAGE 2 PLAN
C30	MOT STAGE 2 PLAN
C31	MOT STAGE 2 PLAN
C32	CROSS SECTIONS
C33	CROSS SECTIONS
C34	CROSS SECTIONS
C35	CROSS SECTIONS
C36	CROSS SECTIONS
C37	CROSS SECTIONS
C38	CROSS SECTIONS
C39	CROSS SECTIONS

ITEM NO.	DESCRIPTION	UNIT	TOTAL QTY.
2.01	Site Preparation	LS	1
3.01	Unclassified Excavation	CY	1,984
3.06	Compacted Embankment	CY	336
4.01	Aggregate Base Course Cl. 7	TON	1,050
5.01	Tack Coat	GAL	969
6.01	ACHM Surface Course	TON	2,132
7.06	Concrete Driveway Apron (6" Thick), Standard Finish	SF	7,104
8.03	Concrete Curb and Gutter (Class 3)	LF	6,938
9.04	Concrete Sidewalk (4" Thick)	SF	28,284
9.30	Concrete Sidewalk "Turn Down" Wall (PW-43)	SF	220
10.01	Junction Box 15'x4'	EA	2
10.04	Curb Inlet - 4' Box	EA	1
10.07	Wing 4' Extension - Reconstruction	EA	7
10.10	Wing 8' Extension - Reconstruction	EA	4
10.80	Rebuild Inlet Top	EA	12
13.24	Storm Drain Pipe 22"x14" Concrete Arch	LF	65
	Adjust Manhole to Grade	EA	6
14.01	Solid Sodding, Bermuda	SY	1,850
16.01	Maintenance of Traffic	LS	1
18.40	Handrail	LF	15
18.50	Access Ramp	SF	1,215
18.55	Water for Dust Control	GAL	20,000
19.01	Final Cleanup	LS	1
24.06	Sediment Barrier, Silt Fence (SD1)	EA	14
24.11	Silt Fence - (SF-A)	LF	6,632
719.04 W	Thermoplastic Pavement Marking White (4")	LF	1,499
719.04 Y	Thermoplastic Pavement Marking Yellow (4")	LF	5,753
719.12W	Thermoplastic Pavement Marking White (12")	LF	145
719.60	Thermoplastic Pavement Marking (Arrows)	EA	5
SP	Thermoplastic Pavement Marking (Crosswalk)	LF	128
309.06	P.C.C. Base (6" U.T.)	SY	3,003
	Signage	LS	1
	Concrete Steps	SY	2

NOTES:

THIS AREA IS FOR ANY SPECIAL CONDITIONS OR NOTES THAT NEED TO BE ADDED TO THE PLAN SET THAT ARE NOT COVERED IN THE BID/CONTRACT DOCUMENTS OR STANDARD SPECIFICATIONS.

EXISTING


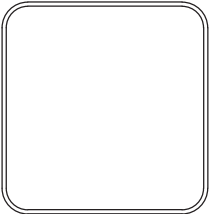
- IRON ROD
- PK NAIL
- R.R. SPIKE
- CONC. MONUMENT
- WATER VALVE
- WATER METER
- FIRE HYDRANT
- GAS METER
- GAS VALVE
- CLEAN-OUT
- GUARD POST (BOLLARD)
- SIGN POST
- BENCHMARK
- STORM SEWER MANHOLE
- SANITARY SEWER MANHOLE
- TELEPHONE MANHOLE
- ELECTRIC MANHOLE
- TELEPHONE BOX
- ELECTRIC BOX
- CABLE BOX
- UTILITY POLE
- GUY WIRE
- LIGHT POLE
- POST OR POLE (TYPE AS NOTED)
- MAILBOX
- DECIDUOUS TREE
- EVERGREEN/CONIFEROUS TREE
- BUSH
- PROPERTY LINE
- SETBACK LINE
- EASEMENT LINE
- CURB
- FENCE
- OVERHEAD ELECTRIC
- OVERHEAD TELEPHONE
- OVERHEAD CABLE
- UNDERGROUND TELEPHONE
- UNDERGROUND ELECTRIC
- UNDERGROUND CABLE
- WATER LINE
- SEWER LINE
- GAS LINE
- STORM SEWER/CULVERT
- EDGE OF WOODS
- CONTOUR LINE

- PROPOSED CONTOUR
- PROPOSED SPOT ELEVATION
- PROPOSED SPOT CURB ELEVATION
- STORM SEWER - PIPE
- STORM SEWER - MITERED END SECTION
- STORM SEWER - GRATE INLET
- STORM SEWER - JUNCTION BOX
- STORM SEWER - FLARED END SECTION
- STORM SEWER - HEADWALL
- STORM SEWER - SINGLE WING
- STORM SEWER - DOUBLE WING
- STORM SEWER - AREA INLET
- GRADE BREAK LINE
- HIGH POINT
- LOW POINT
- CUT LINE
- FILL LINE
- SANITARY SEWER PIPE
- SANITARY SEWER MANHOLE
- PROPOSED CURB
- PROPOSED CONCRETE
- CONSTRUCTION - ENTRANCE/EXIT
- CHECK DAM
- DIVERSION BERM
- DOWNDRAIN STRUCTURE - TEMPORARY
- ROCK DAM
- SEDIMENT BARRIER - SILT FENCE
- SEDIMENT BARRIER - GRAVEL RING
- SEDIMENT BARRIER - BLOCK & GRAVEL
- SEDIMENT BARRIER - BLOCK
- TEMPORARY SEDIMENT BASIN
- SILT FENCE - TYPE A
- SILT FENCE - TYPE B
- SILT FENCE - TYPE C
- STORM DRAIN OUTLET PROTECTION
- SURFACE ROUGHENING
- DISTURBED AREA STABILIZATION - TEMPORARY STABILIZATION
- DISTURBED AREA STABILIZATION - TEMPORARY GRASSING
- DISTURBED AREA STABILIZATION - PERMANENT GRASSING
- MATTING/BLANKETS

REVISIONS	DATE

**CITY OF LITTLE ROCK, ARKANSAS
MARKHAM ST. STIFF STATION
SIDEWALK IMPROVEMENTS
LEGEND AND QUANTITIES**

DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201





DRAWN BY JAM
DESIGNED EH4
CHECKED MK
DATE APRIL 2022
SCALE NTS
PROJECT NO. CLR #??
SHEET NO. C2

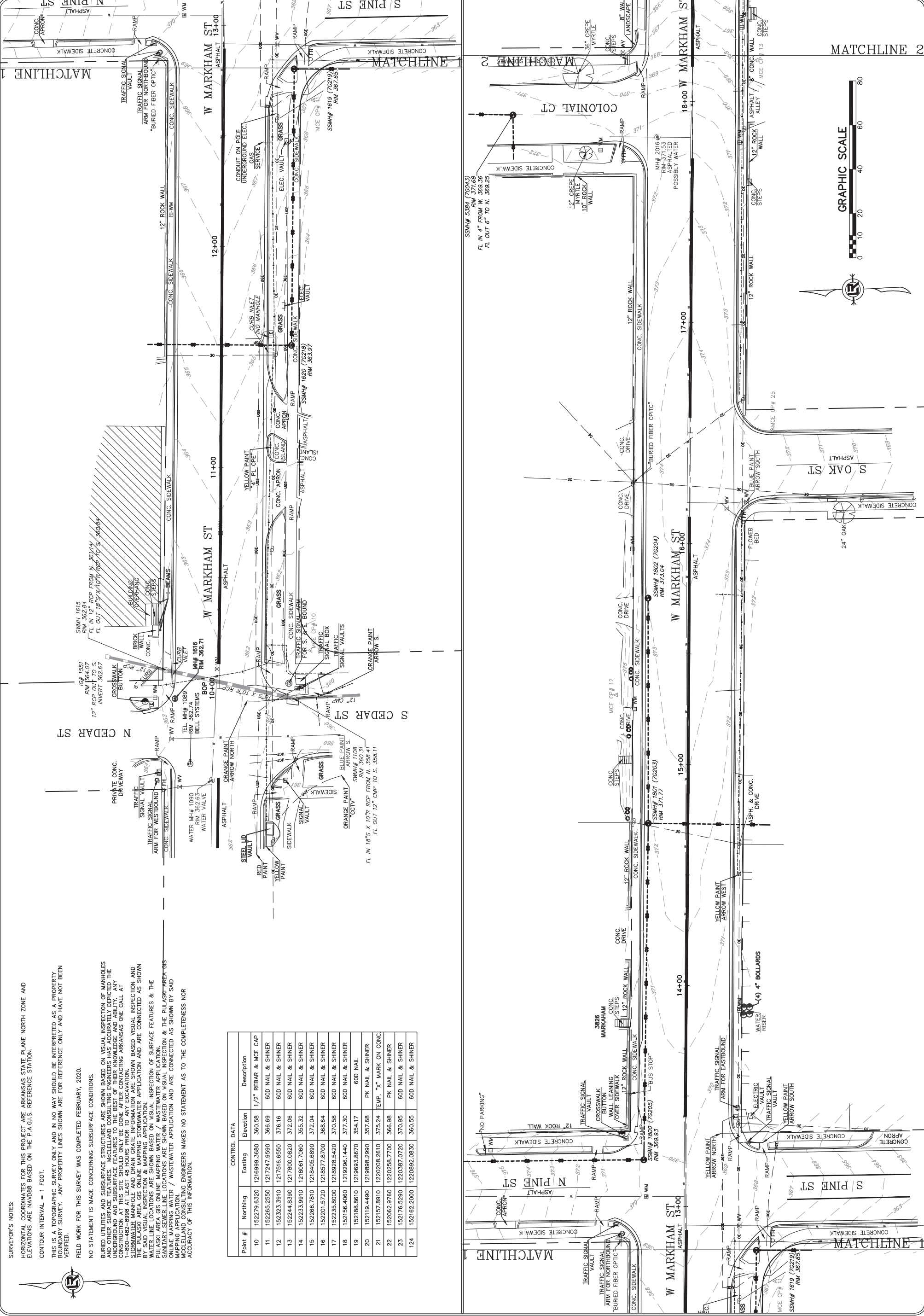
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
MARKHAM ST. STIFF STATION SIDEWALK IMPROVEMENTS
 TOPOGRAPHIC SURVEY

DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201



DRAWN BY	JDM
DESIGNED	NA
CHECKED	KLS
DATE	04/08/2020
SCALE	1" = 20'
PROJECT NO.	19-5815
SHEET NO.	C3




SURVEYOR'S NOTES:
 HORIZONTAL COORDINATES FOR THIS PROJECT ARE ARKANSAS STATE PLANE NORTH ZONE AND ELEVATIONS ARE NAVD83 BASED ON THE F.A.G.S. REFERENCE STATION.
 CONTOUR INTERVAL = 1 FOOT.
 THIS IS A TOPOGRAPHIC SURVEY ONLY AND IN NO WAY SHOULD BE INTERPRETED AS A PROPERTY BOUNDARY SURVEY. ANY PROPERTY LINES SHOWN ARE FOR REFERENCE ONLY AND HAVE NOT BEEN VERIFIED.
 FIELD WORK FOR THIS SURVEY WAS COMPLETED FEBRUARY, 2020.
 NO STATEMENT IS MADE CONCERNING SUBSURFACE CONDITIONS.
 BURIED UTILITIES AND SUBSURFACE STRUCTURES ARE SHOWN BASED ON VISUAL INSPECTION OF MANHOLES AND OTHER SURFACE FEATURES. McCLELLAND CONSULTING ENGINEERS HAS ACCURATELY DEPICTED THE LOCATION AND DEPTH OF ALL UTILITIES AND STRUCTURES AS SHOWN ON THIS SURVEY. ANY CONSTRUCTION AT THIS SITE SHOULD ONLY BE DONE AFTER CONTACTING ARKANSAS ONE CALL AT 1-800-482-8998 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION.
 STORMWATER MANHOLE AND DRAIN GRATE INFORMATION ARE SHOWN BASED ON VISUAL INSPECTION AND BY SAID VISUAL INSPECTION. NO DIGGING OR TESTING WAS PERFORMED FOR APPLICATION AND ARE CONNECTED AS SHOWN BY SAID VISUAL INSPECTION. NO DIGGING OR TESTING WAS PERFORMED FOR APPLICATION AND ARE CONNECTED AS SHOWN BY SAID VISUAL INSPECTION.
 PULASKI AREA GIS ONLINE MAPPING WATER / WASTEWATER APPLICATION.
 SANITARY SEWER LINE LOCATIONS ARE SHOWN BASED ON VISUAL INSPECTION & THE PULASKI AREA GIS ONLINE MAPPING WATER / WASTEWATER APPLICATION.
 ONLINE MAPPING WATER / WASTEWATER APPLICATION AND ARE CONNECTED AS SHOWN BY SAID VISUAL INSPECTION.
 McCLELLAND CONSULTING ENGINEERS MAKES NO STATEMENT AS TO THE COMPLETENESS NOR ACCURACY OF THIS INFORMATION.

Point #	Northing	Easting	Elevation	Description
10	152279.6320	1216999.3680	360.58	1/2" REGAR & MCE CAP
11	152265.2550	1217247.9590	366.69	600 NAIL & SHINER
12	152323.3910	1217516.6550	376.16	600 NAIL & SHINER
13	152244.8390	1217600.0820	372.06	600 NAIL & SHINER
14	152233.9910	1218061.7060	355.32	600 NAIL & SHINER
15	152266.7810	1218405.6890	372.04	600 NAIL & SHINER
16	152201.5720	1218577.8700	368.64	600 NAIL & SHINER
17	152235.8000	1218928.5420	370.58	600 NAIL & SHINER
18	152156.4060	1219296.1440	377.30	600 NAIL & SHINER
19	152188.8610	1219693.8670	354.17	600 NAIL
20	152119.4490	1219698.2990	357.68	PK NAIL & SHINER
21	152157.8910	1220208.2610	375.24	TEMP. "X" MARK ON CONC.
22	152062.9760	1220258.7700	366.98	PK NAIL & SHINER
23	152176.5290	1220387.0720	370.95	600 NAIL & SHINER
124	152162.2000	1222092.0630	360.55	600 NAIL & SHINER

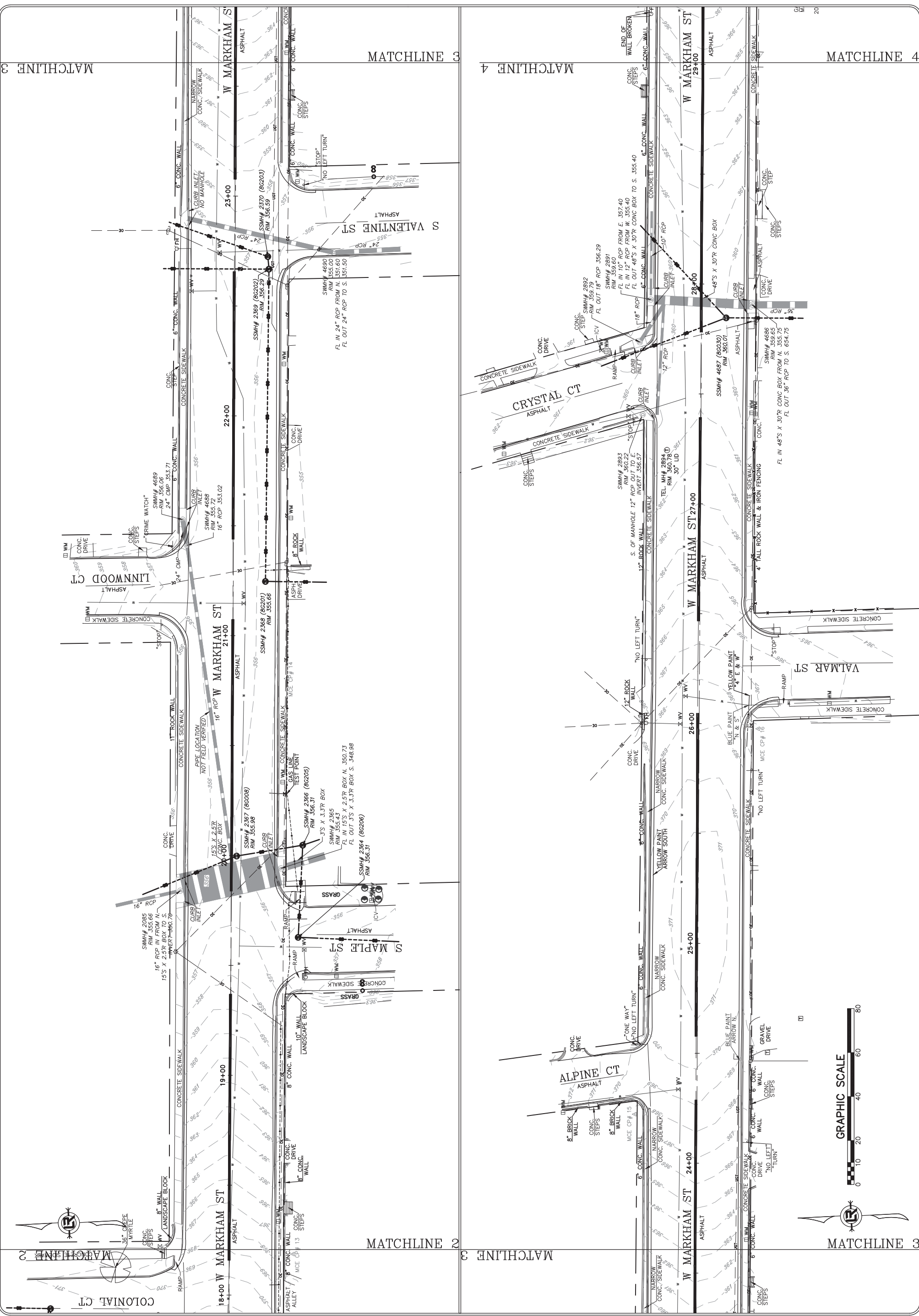
CONTROL DATA

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
MARKHAM ST. STIFF STATION SIDEWALK IMPROVEMENTS
TOPOGRAPHIC SURVEY


DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

DRAWN BY	JDM
DESIGNED	NA
CHECKED	KLS
DATE	04/08/2020
SCALE	1" = 20'
PROJECT NO.	19-5815
SHEET NO.	C4



MATCHLINE 3

MATCHLINE 3

MATCHLINE 4

MATCHLINE 4

MATCHLINE 2


MATCHLINE 2

MATCHLINE 3

MATCHLINE 3

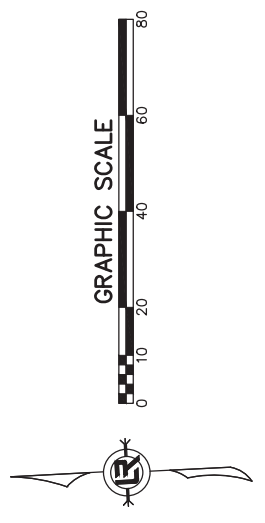
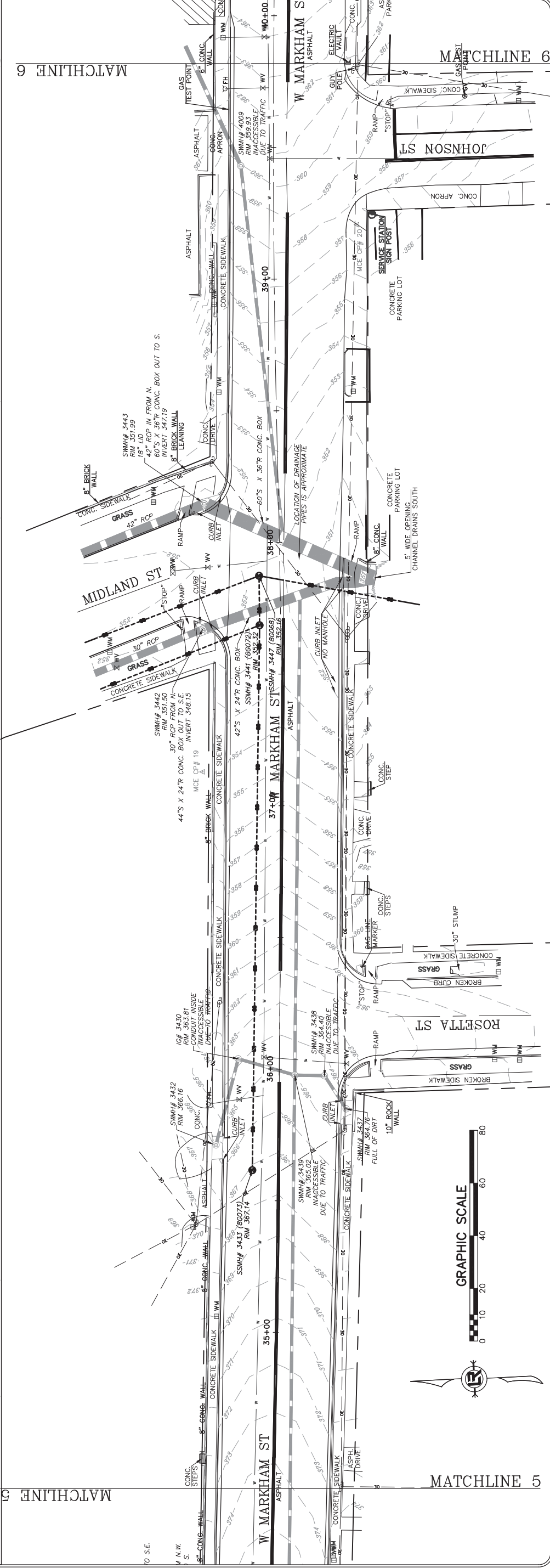
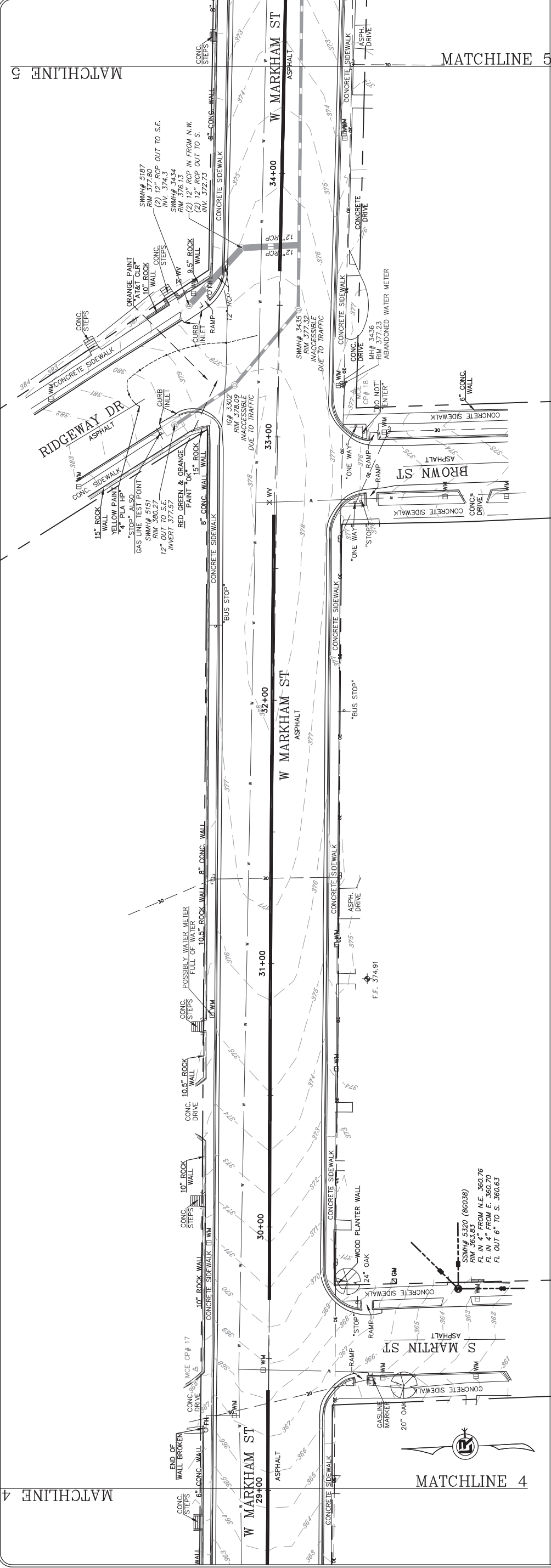
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
MARKHAM ST. STIFF STATION SIDEWALK IMPROVEMENTS
TOPOGRAPHIC SURVEY



 DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201


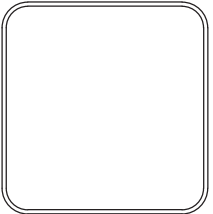
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DESIGNED	NA
CHECKED	KLS
DATE	04/08/2020
SCALE	1" = 20'
PROJECT NO.	19-5815
SHEET NO.	C5



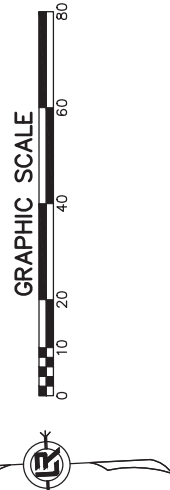
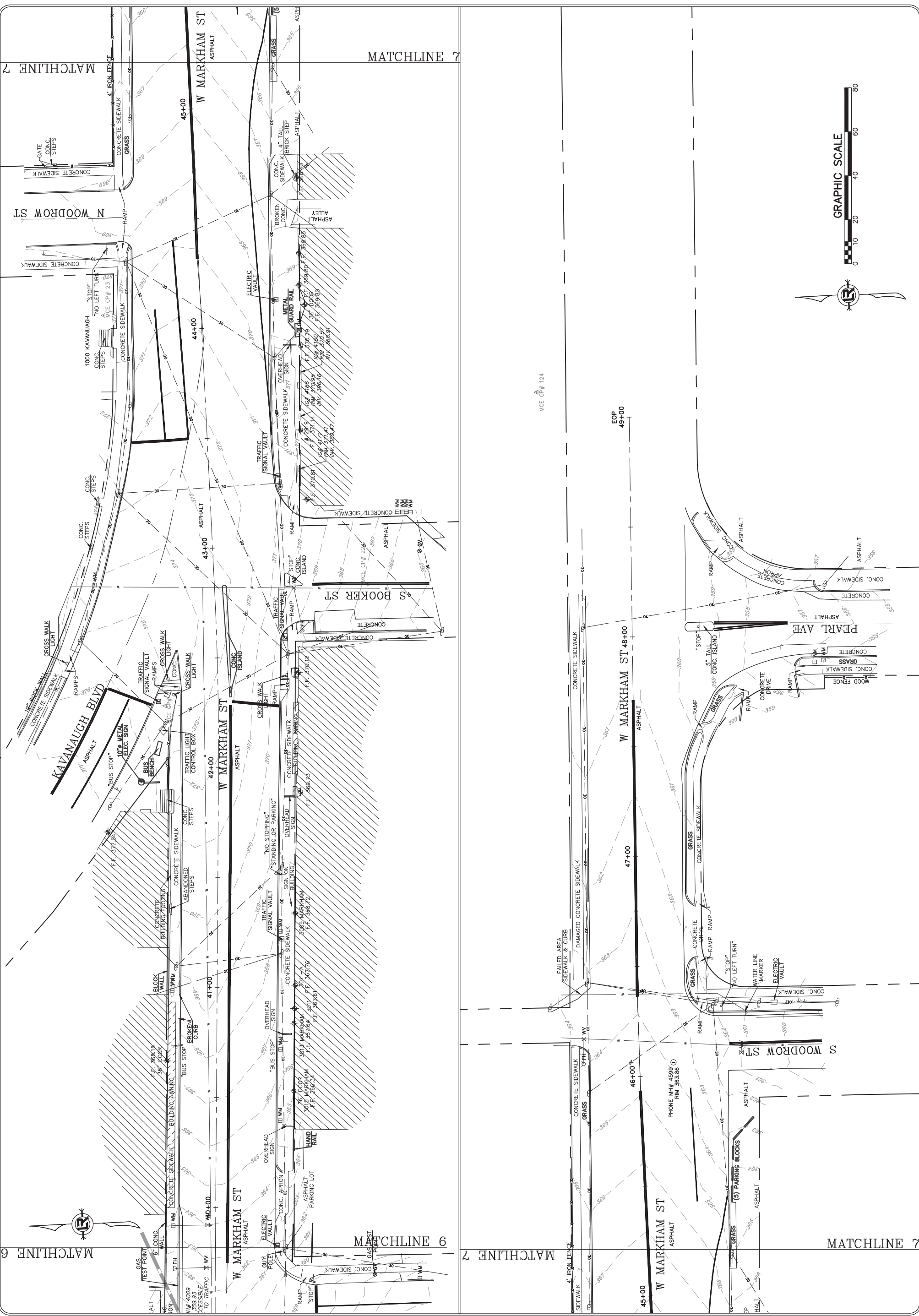
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
MARKHAM ST. STIFF STATION SIDEWALK IMPROVEMENTS
TOPOGRAPHIC SURVEY

DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

DRAWN BY	JDM
DESIGNED	NA
CHECKED	KLS
DATE	04/08/2020
SCALE	1" = 20'
PROJECT NO.	19-5815
SHEET NO.	C6


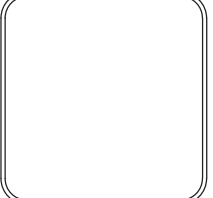


REVISIONS	DATE

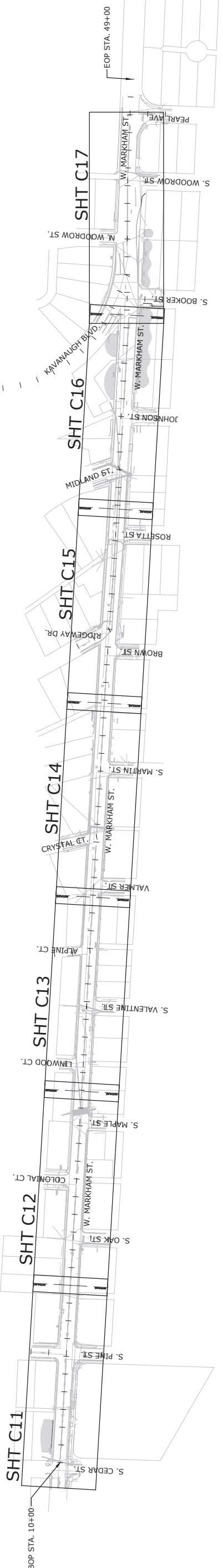
CITY OF LITTLE ROCK, ARKANSAS
 MARKHAM ST. STIFF STATION
 SIDEWALK IMPROVEMENTS

PROJECT OVERVIEW

DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201

DRAWN BY JAM	DESIGNED EH4	CHECKED MK	DATE APRIL 2022	SCALE N.T.S.	PROJECT NO.	CLR #??	SHEET NO. C7
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REVISIONS	DATE

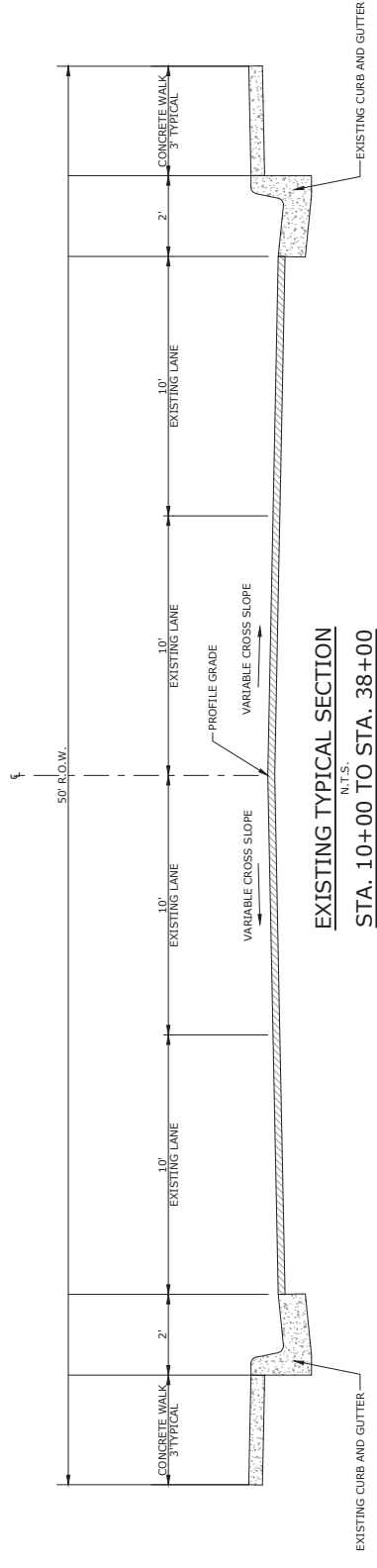
CITY OF LITTLE ROCK, ARKANSAS
 MARKHAM ST. STIFF STATION
 SIDEWALK IMPROVEMENTS

STREET AND SIDEWALK IMPROVEMENTS

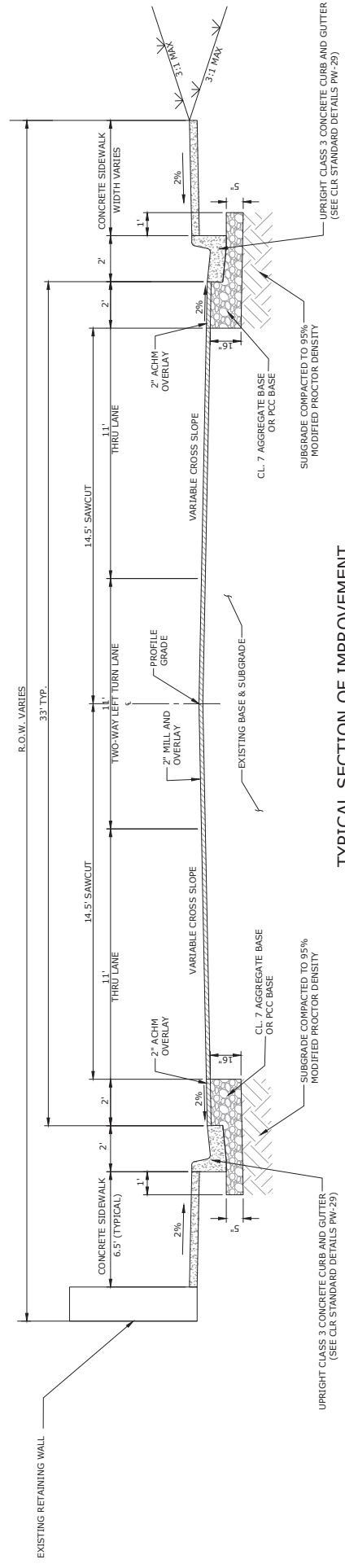
DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201



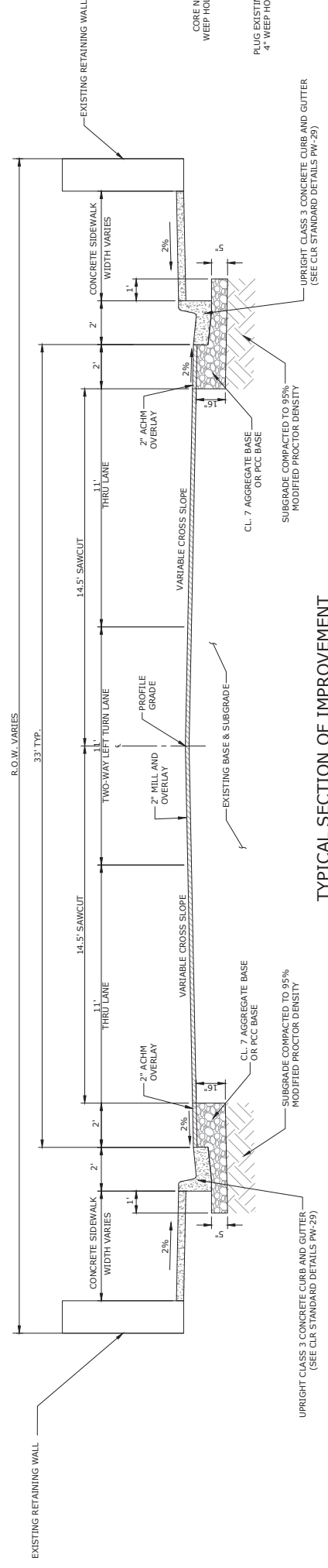
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DESIGNED	EH4
CHECKED	MK
DATE	APRIL 2022
SCALE	1"=20'
PROJECT NO.	CLR #???
SHEET NO.	C8



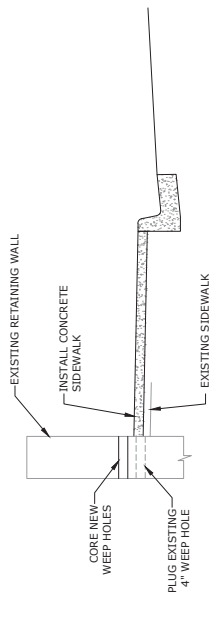
EXISTING TYPICAL SECTION
 N.T.S.
 STA. 10+00 TO STA. 38+00
 NOTE: MILL & INLAY FROM STA. 10+00 TO STA. 13+43.84



TYPICAL SECTION OF IMPROVEMENT
 N.T.S.
 STA. 13+43.84 TO STA. 23+13.50



TYPICAL SECTION OF IMPROVEMENT
 N.T.S.
 STA. 23+13.50 TO STA. 29+78.05



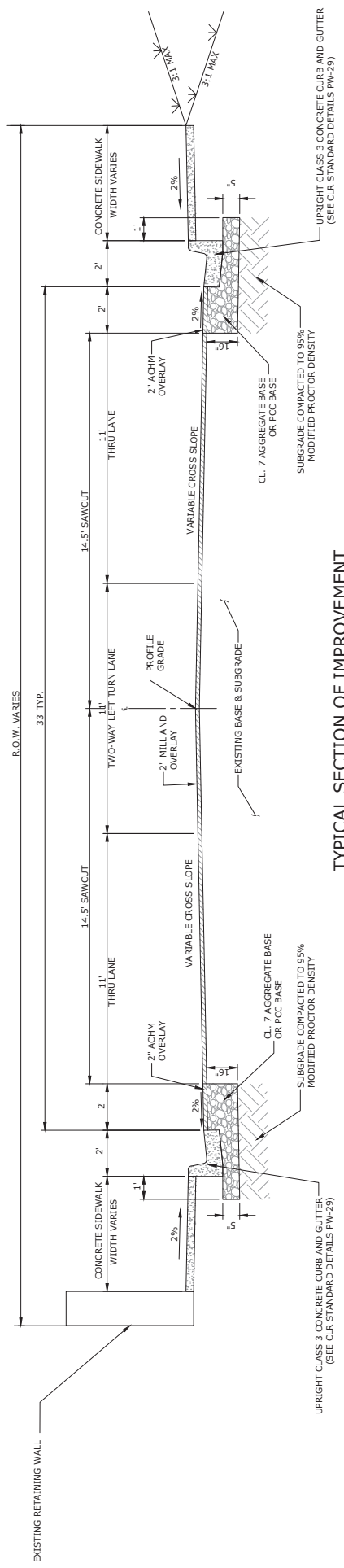
TYPICAL SECTION AT WALL
 N.T.S.

REVISIONS	DATE

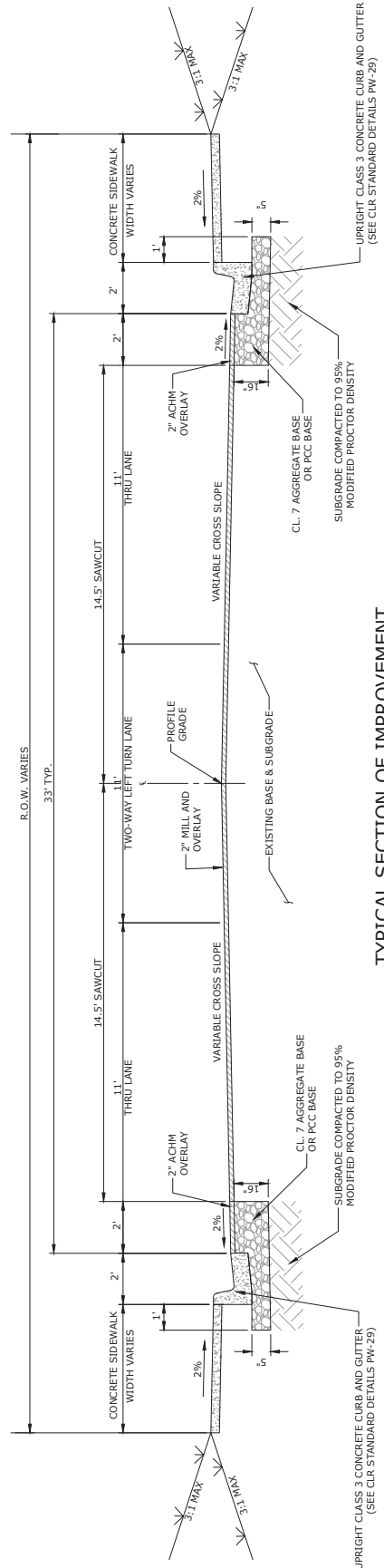
CITY OF LITTLE ROCK, ARKANSAS
 SIDEWALK IMPROVEMENTS
 MARKHAM ST. STIFF STATION
 SIDEWALK IMPROVEMENTS
 STREET AND SIDEWALK IMPROVEMENTS

DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201

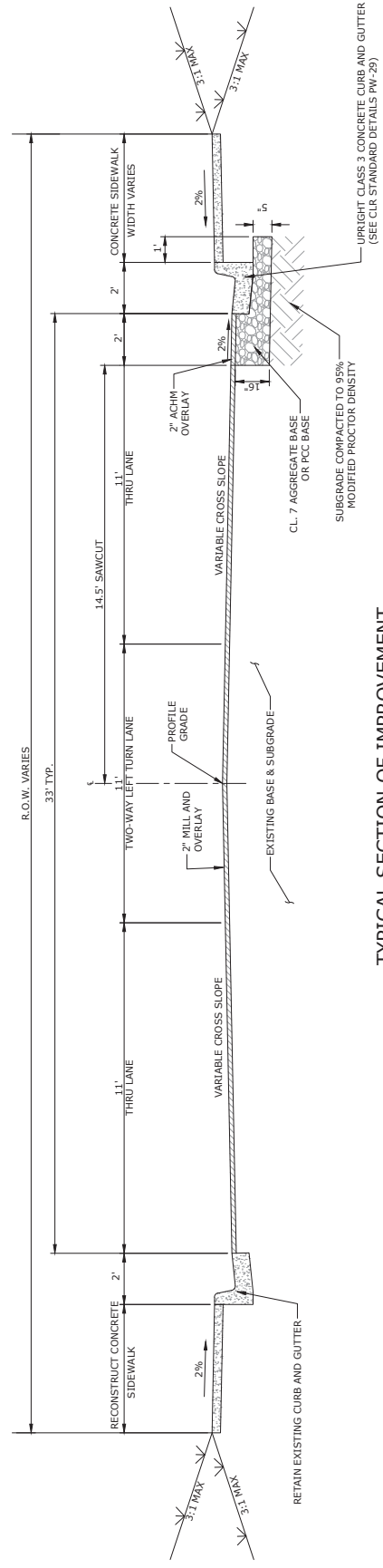
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CHECKED	MK
DATE	APRIL 2022
SCALE	1"=20'
PROJECT NO.	CLR #???
SHEET NO.	C9



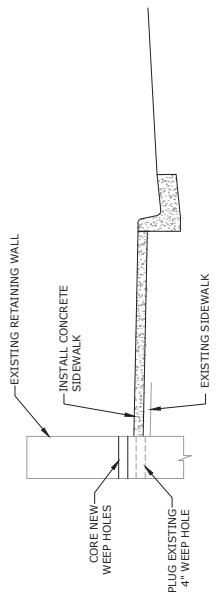
TYPICAL SECTION OF IMPROVEMENT
 N.T.S.
 STA. 29+78.05 TO STA. 35+38.77



TYPICAL SECTION OF IMPROVEMENT
 N.T.S.
 STA. 35+38.77 TO STA. 38+32.44



TYPICAL SECTION OF IMPROVEMENT
 N.T.S.
 STA. 38+32.44 TO STA. 40+20.95




TYPICAL SECTION AT WALL
 N.T.S.

REVISIONS	DATE

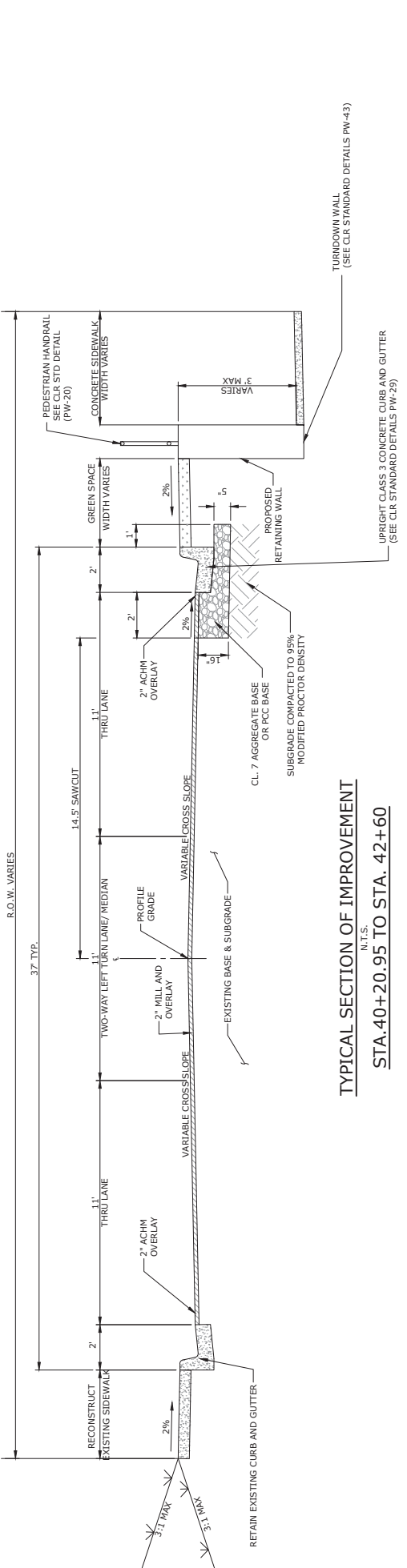
CITY OF LITTLE ROCK, ARKANSAS
MARKHAM ST. STIFF STATION
SIDEWALK IMPROVEMENTS

STREET AND SIDEWALK IMPROVEMENTS

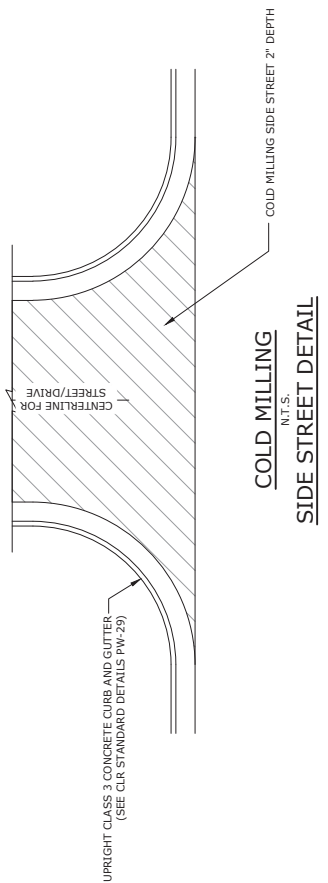
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



DRAWN BY JAM
DESIGNED EH4
CHECKED MK
DATE APRIL 2022
SCALE 1"=20'
PROJECT NO. CLR #???
SHEET NO. C10



TYPICAL SECTION OF IMPROVEMENT
N.T.S.
STA. 40+20.95 TO STA. 42+60

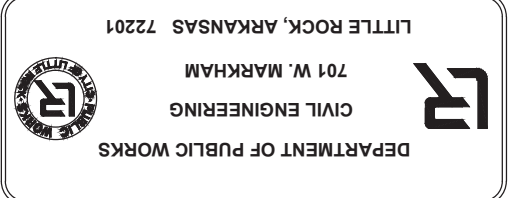


COLD MILLING
N.T.S.
SIDE STREET DETAIL

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 MARKHAM ST. STIFF STATION
 SIDEWALK IMPROVEMENTS

CITY OF LITTLE ROCK, ARKANSAS
 STREET AND SIDEWALK IMPROVEMENTS



DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201

DRAWN BY
 JAM

DESIGNED
 EHA

CHECKED
 MK

DATE
 APRIL 2022

SCALE
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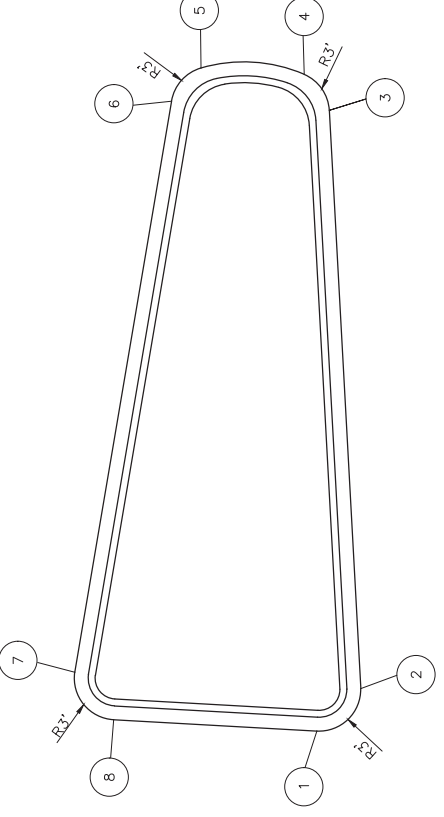
PROJECT NO.
 CLR #??

SHEET NO.
C11

LANDSCAPED CURB ISLAND POINT TABLE (BOX 1 OF 5)

POINT	STATION	OFFSET
1	13+43.25	7.39' RT.
2	13+46.50	10.37' RT.
3	13+87.89	5.69' RT.
4	13+90.37	3.73' RT.
5	13+90.39	3.71' LT.
6	13+87.89	5.68' LT.
7	13+46.47	10.24' LT.
8	13+43.21	7.25' LT.

NOTE: POINTS ARE BASED ON W. MARKHAM ST. ALIGNMENT.

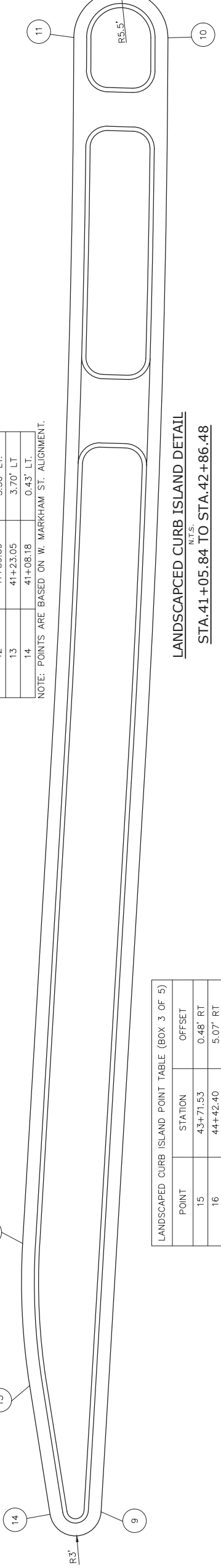


LANDSCAPED CURB ISLAND DETAIL
 N.T.S.
 STA. 13+43.23 TO STA. 13+91.03

LANDSCAPED CURB ISLAND POINT TABLE (BOX 2 OF 5)

POINT	STATION	OFFSET
9	41+08.82	5.50' RT.
10	42+80.98	5.50' RT.
11	42+80.98	5.50' LT.
12	41+39.59	5.50' LT.
13	41+23.05	3.70' LT.
14	41+08.18	0.43' LT.

NOTE: POINTS ARE BASED ON W. MARKHAM ST. ALIGNMENT.

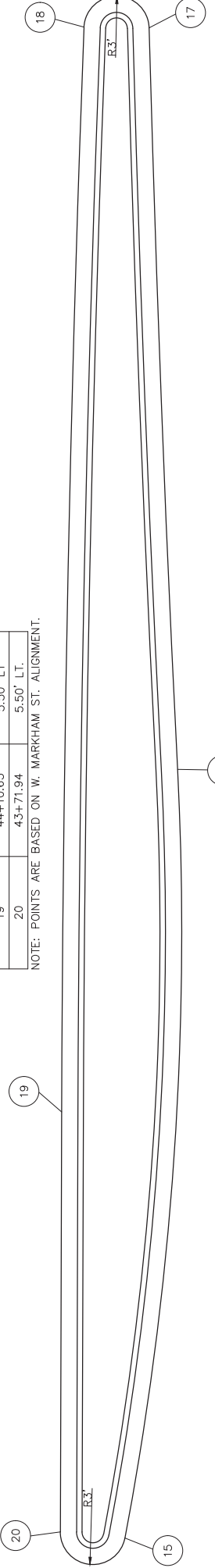


LANDSCAPED CURB ISLAND DETAIL
 N.T.S.
 STA. 41+05.84 TO STA. 42+86.48

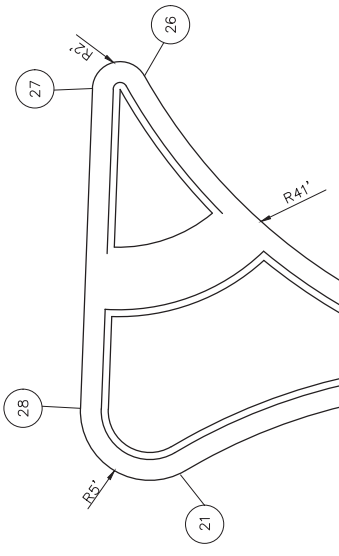
LANDSCAPED CURB ISLAND POINT TABLE (BOX 3 OF 5)

POINT	STATION	OFFSET
15	43+71.53	0.48' RT.
16	44+42.40	5.07' RT.
17	45+10.54	2.24' RT.
18	45+10.59	3.76' LT.
19	44+10.63	5.50' LT.
20	43+71.94	5.50' LT.

NOTE: POINTS ARE BASED ON W. MARKHAM ST. ALIGNMENT.



LANDSCAPED CURB ISLAND DETAIL
 N.T.S.
 STA. 43+68.95 TO STA. 45+13.45



LANDSCAPED CURB ISLAND DETAIL
 N.T.S.
 S. BOOKER STREET

LANDSCAPED CURB ISLAND POINT TABLE (BOX 4 OF 5)

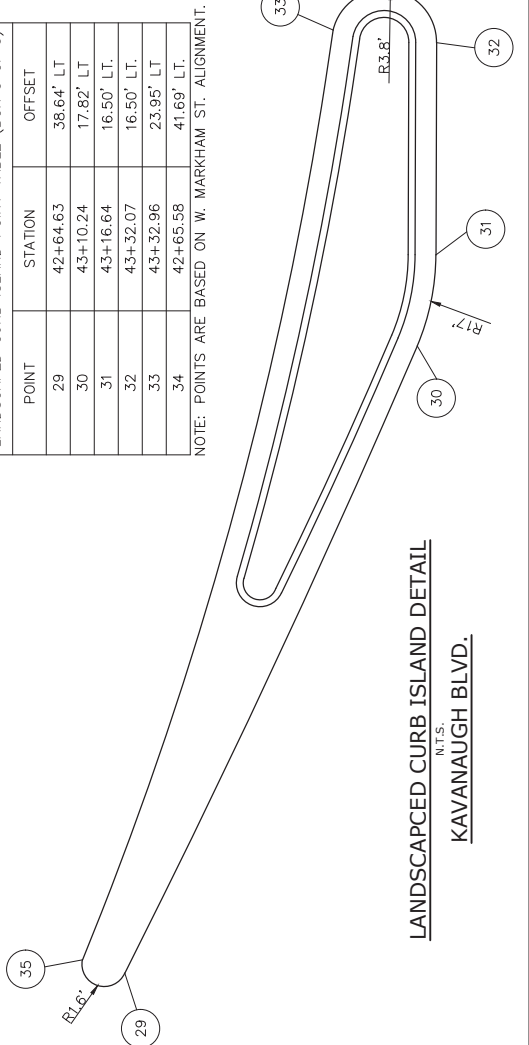
POINT	STATION	OFFSET
21	42+74.58	24.86' RT.
22	42+80.08	41.28' RT.
23	42+79.79	67.27' RT.
24	42+81.73	67.32' RT.
25	42+85.25	41.56' RT.
26	43+02.86	21.80' RT.
27	43+01.95	18.06' RT.
28	42+78.96	17.28' RT.

NOTE: POINTS ARE BASED ON W. MARKHAM ST. ALIGNMENT.

LANDSCAPED CURB ISLAND POINT TABLE (BOX 5 OF 5)

POINT	STATION	OFFSET
29	42+64.63	38.64' LT.
30	43+10.24	17.82' LT.
31	43+16.64	16.50' LT.
32	43+32.07	16.50' LT.
33	43+32.96	23.95' LT.
34	42+65.58	41.69' LT.

NOTE: POINTS ARE BASED ON W. MARKHAM ST. ALIGNMENT.



LANDSCAPED CURB ISLAND DETAIL
 N.T.S.
 KAVANAUGH BLVD.


REVISIONS	DATE

PLAN AND PROFILE

MARKHAM ST. STIFF STATION

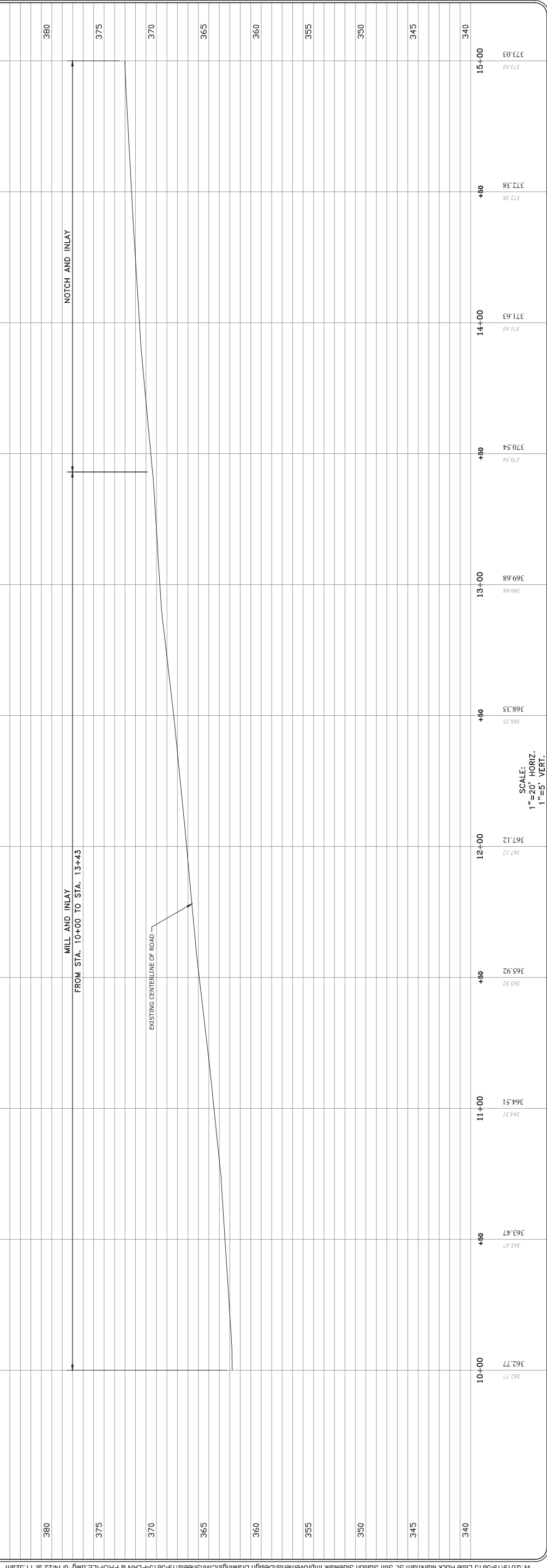
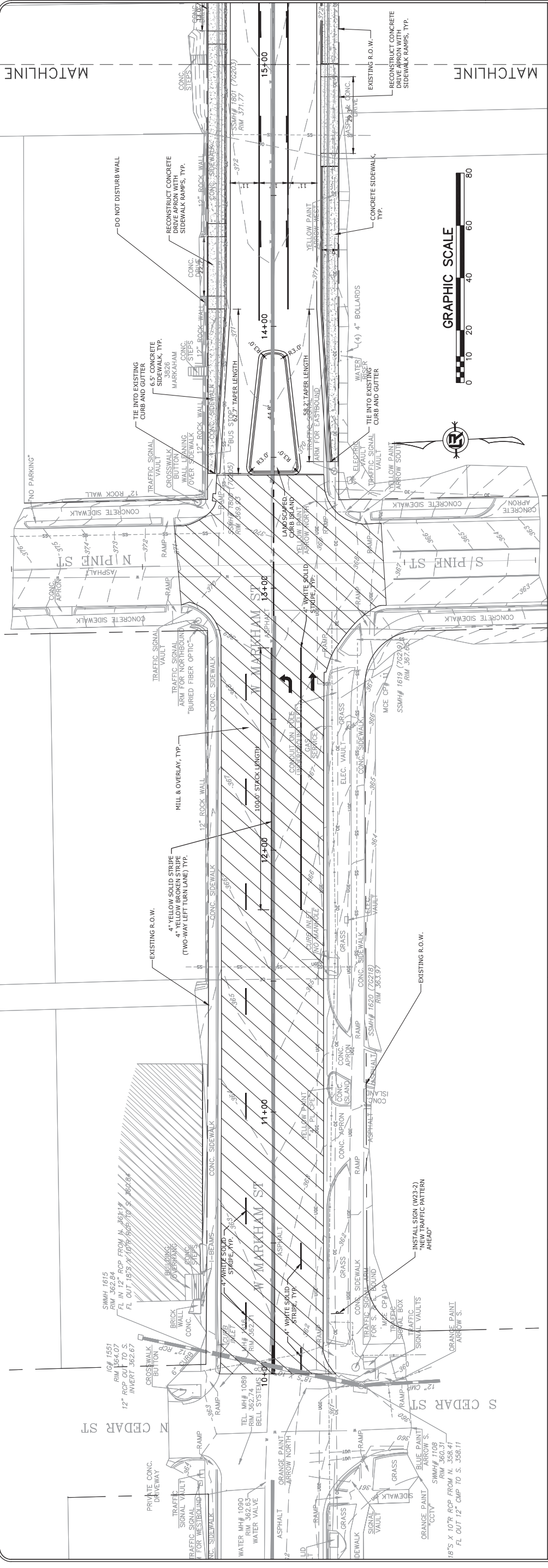
SIDEWALK IMPROVEMENTS

CITY OF LITTLE ROCK, ARKANSAS



 DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201

DRAWN BY	JAM
DESIGNED	EH4
CHECKED	MK
DATE	APRIL 2022
SCALE	1"=20'
PROJECT NO.	CLR #???
SHEET NO.	C12



SCALE: 1"=20' HORIZ.
1"=5' VERT.

REVISIONS	DATE

**CITY OF LITTLE ROCK, ARKANSAS
MARKHAM ST. STIFF STATION
SIDEWALK IMPROVEMENTS**

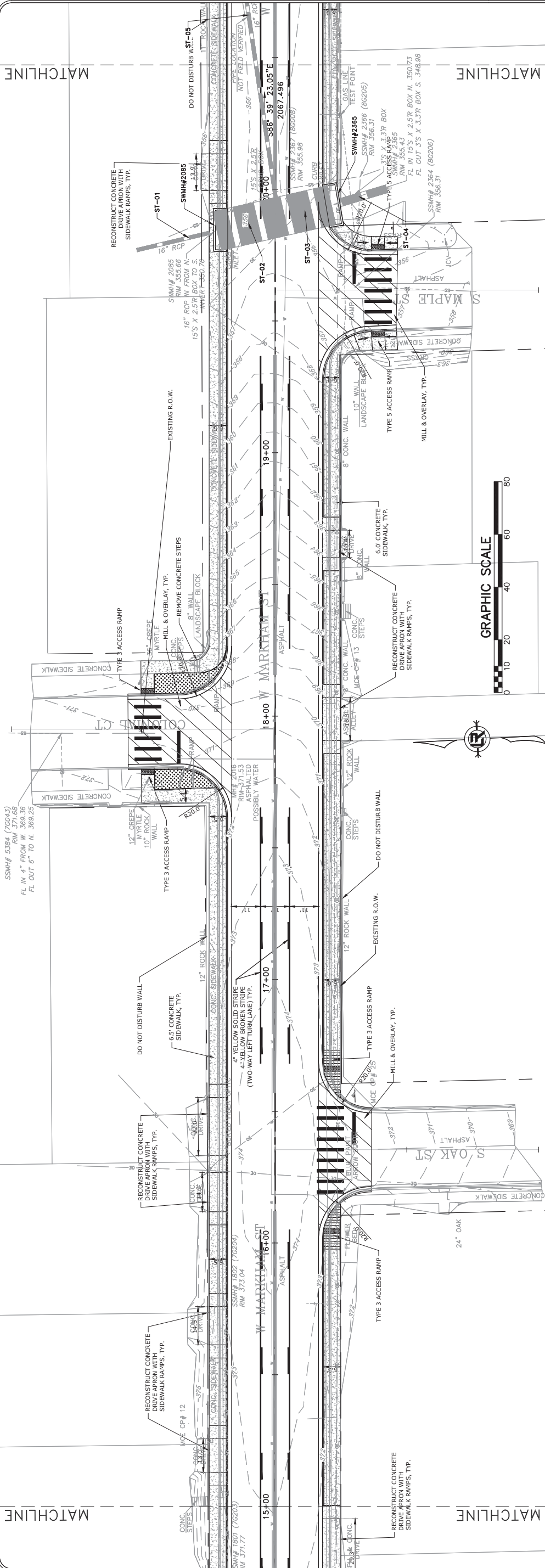
PLAN AND PROFILE



DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

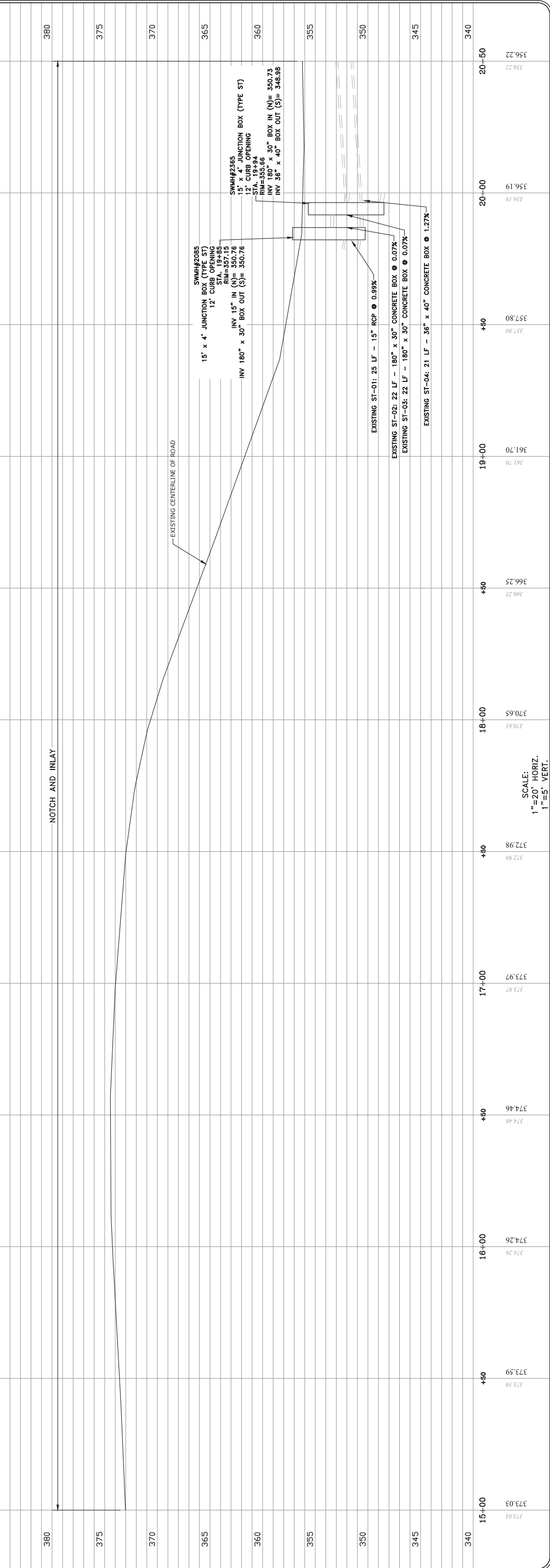


DRAWN BY JAM	DATE APRIL 2022
DESIGNED EHA	SCALE 1"=20'
CHECKED MK	PROJECT NO. CLR #??
SHEET NO. C13	



MATCHLINE

MATCHLINE



380

375

370

365

360

355

350

345

340

340

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340

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340

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340

REVISIONS	DATE

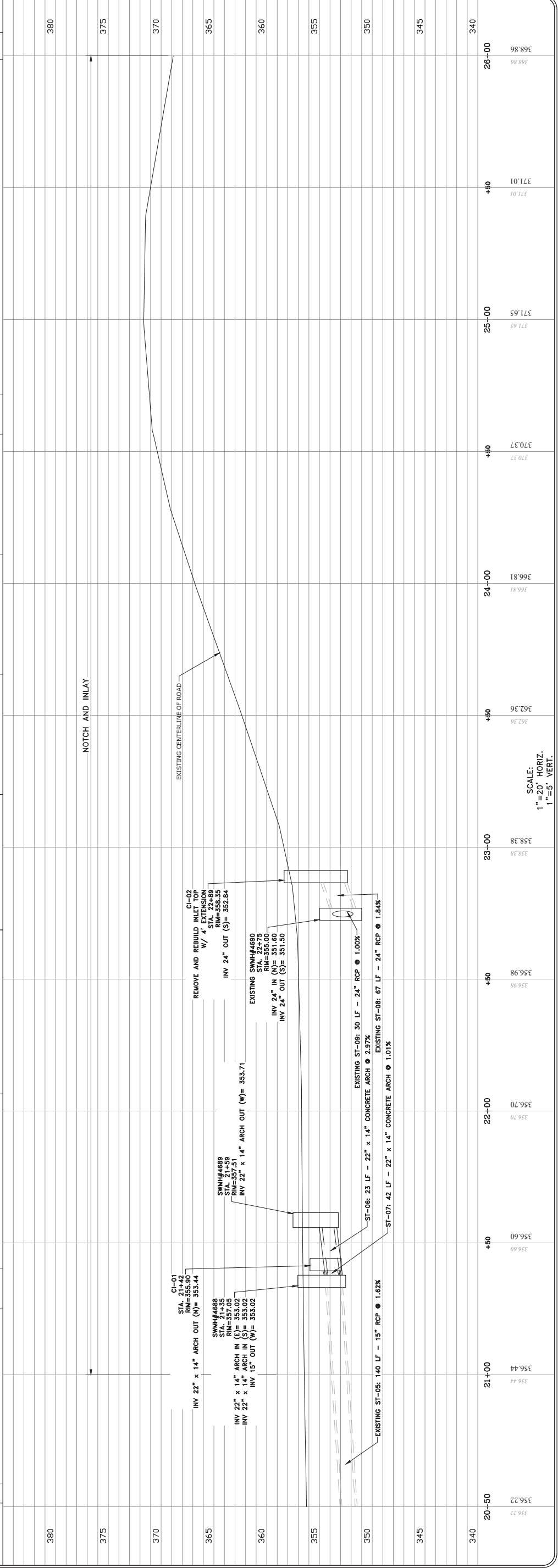
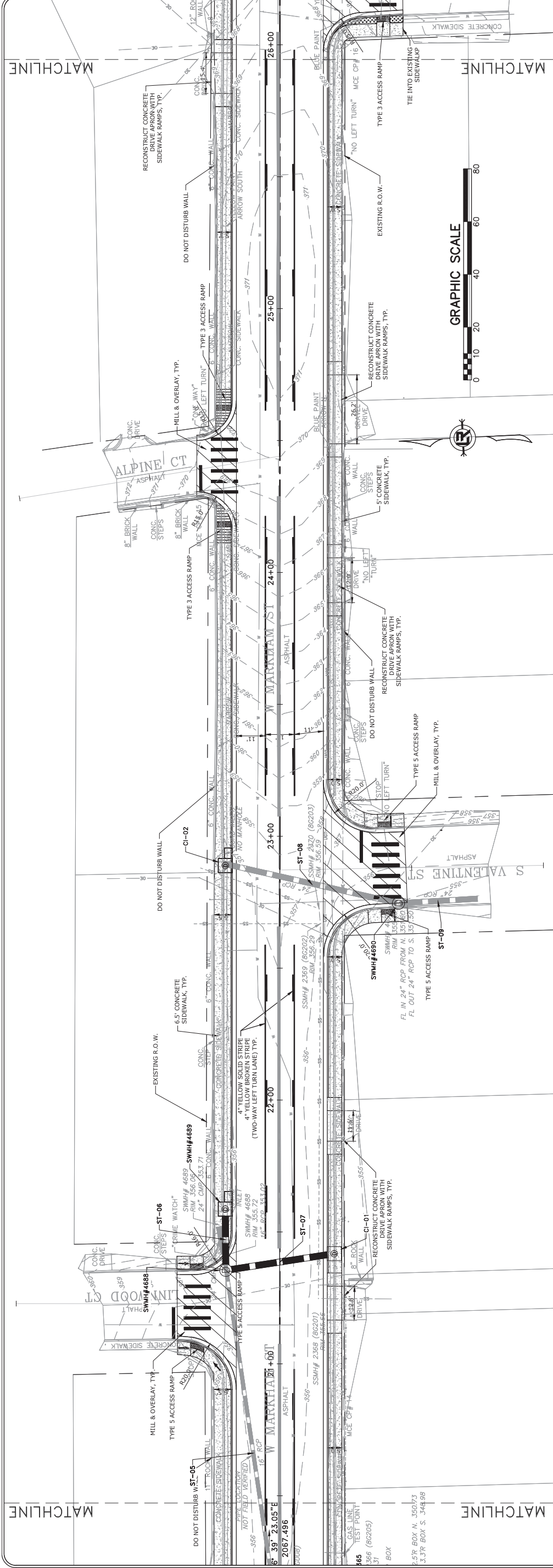
PLAN AND PROFILE

MARKHAM ST. STIFF STATION
SIDEWALK IMPROVEMENTS

CITY OF LITTLE ROCK, ARKANSAS

DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

DRAWN BY JAM
DESIGNED EH4
CHECKED MK
DATE APRIL 2022
SCALE 1"=20'
PROJECT NO.
CLR #??
SHEET NO. C14




SCALE: 1"=20' HORIZ.
1"=5' VERT.

REVISIONS	DATE

**CITY OF LITTLE ROCK, ARKANSAS
MARKHAM ST. STIFF STATION
SIDEWALK IMPROVEMENTS**

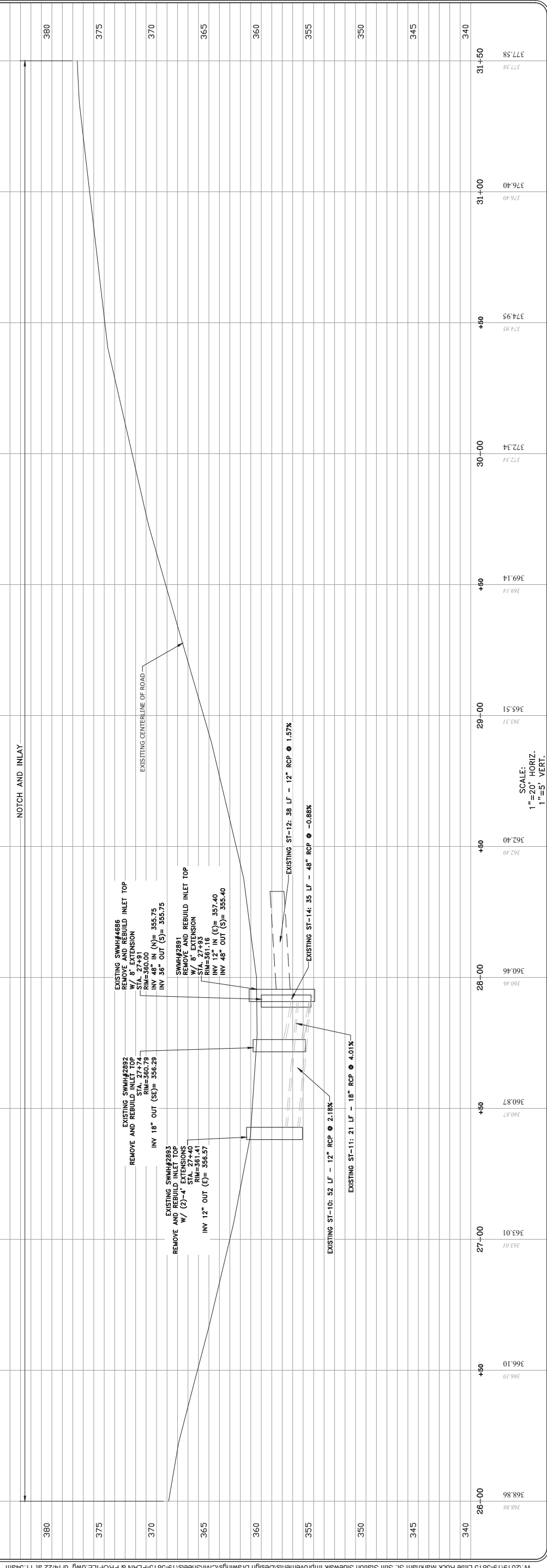
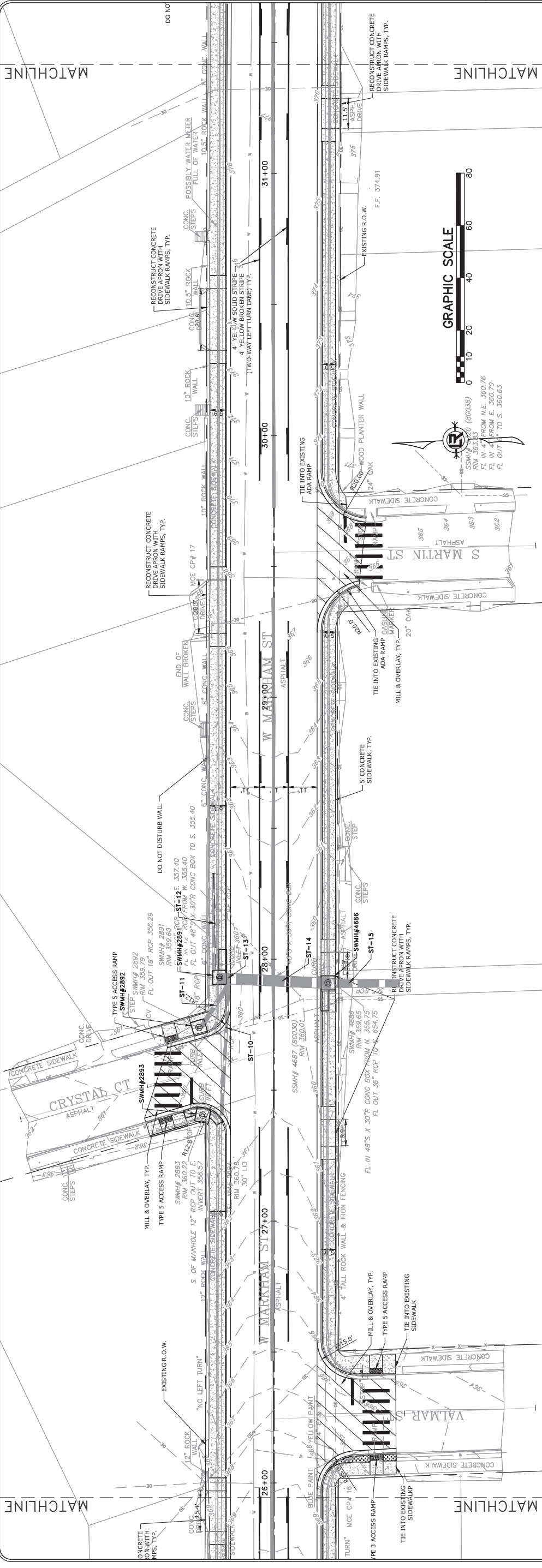
PLAN AND PROFILE



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 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201

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DRAWN BY JAM
DESIGNED EH4
CHECKED MK
DATE APRIL 2022
SCALE 1"=20'
PROJECT NO. CLR #???
SHEET NO. C15




SCALE: 1"=20' HORIZ.
1"=5' VERT.

REVISIONS	DATE

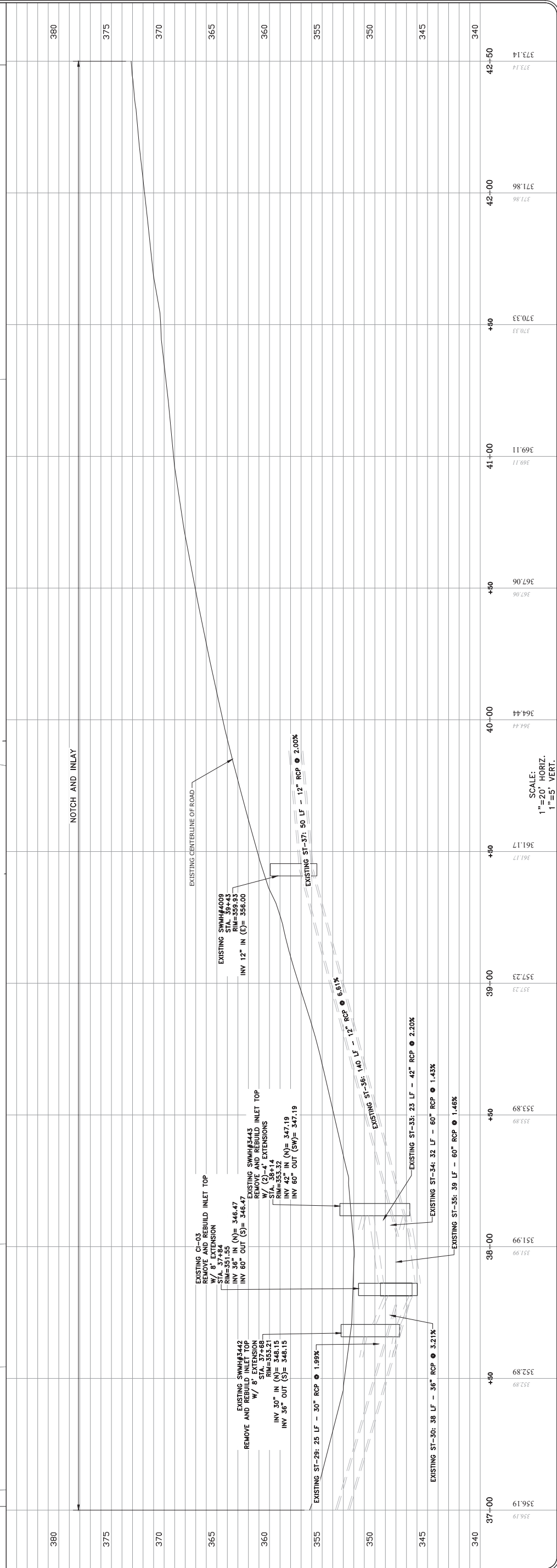
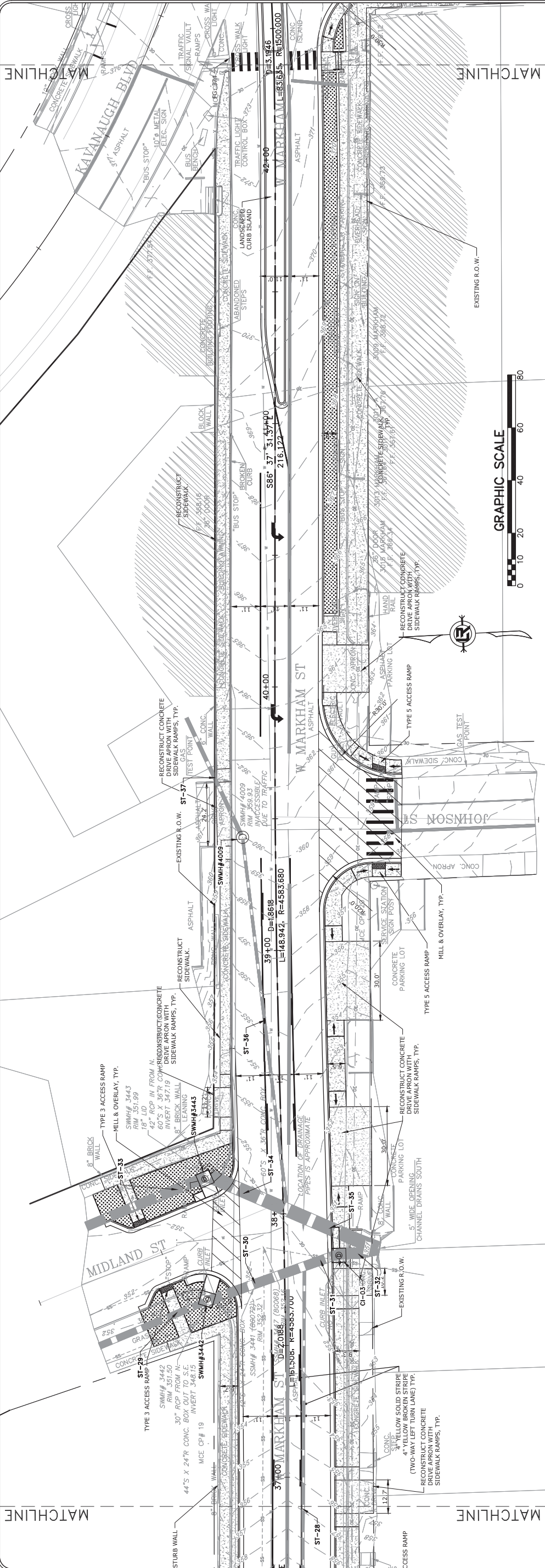
**CITY OF LITTLE ROCK, ARKANSAS
MARKHAM ST. STIFF STATION
SIDEWALK IMPROVEMENTS**

PLAN AND PROFILE



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DRAWN BY	JAM
DESIGNED	EH4
CHECKED	MK
DATE	APRIL 2022
SCALE	1"=20'
PROJECT NO.	CLR #??
SHEET NO.	C17



SCALE: 1"=20' HORIZ.
1"=5' VERT.

REVISIONS	DATE

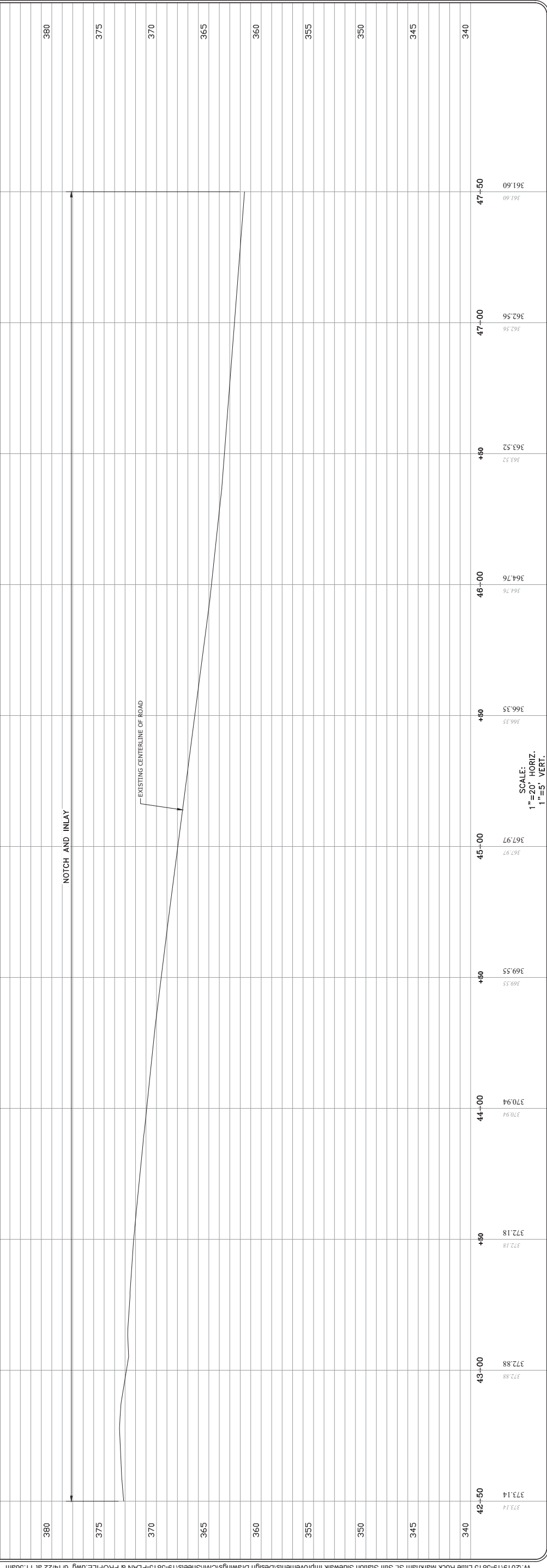
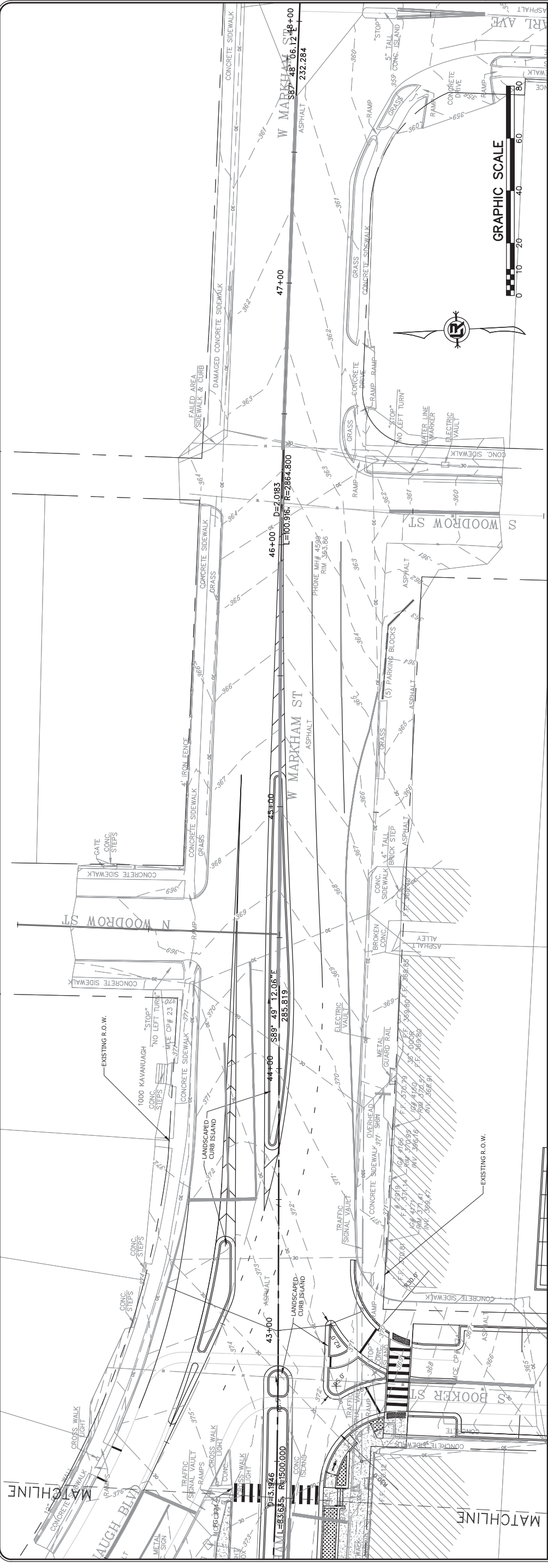
**CITY OF LITTLE ROCK, ARKANSAS
MARKHAM ST. STIFF STATION
SIDEWALK IMPROVEMENTS
PLAN AND PROFILE**



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 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201

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DRAWN BY JAM
DESIGNED EH4
CHECKED MK
DATE APRIL 2022
SCALE 1"=20'
PROJECT NO. CLR #??
SHEET NO. C18



SCALE: 1"=20' HORIZ.
1"=5' VERT.

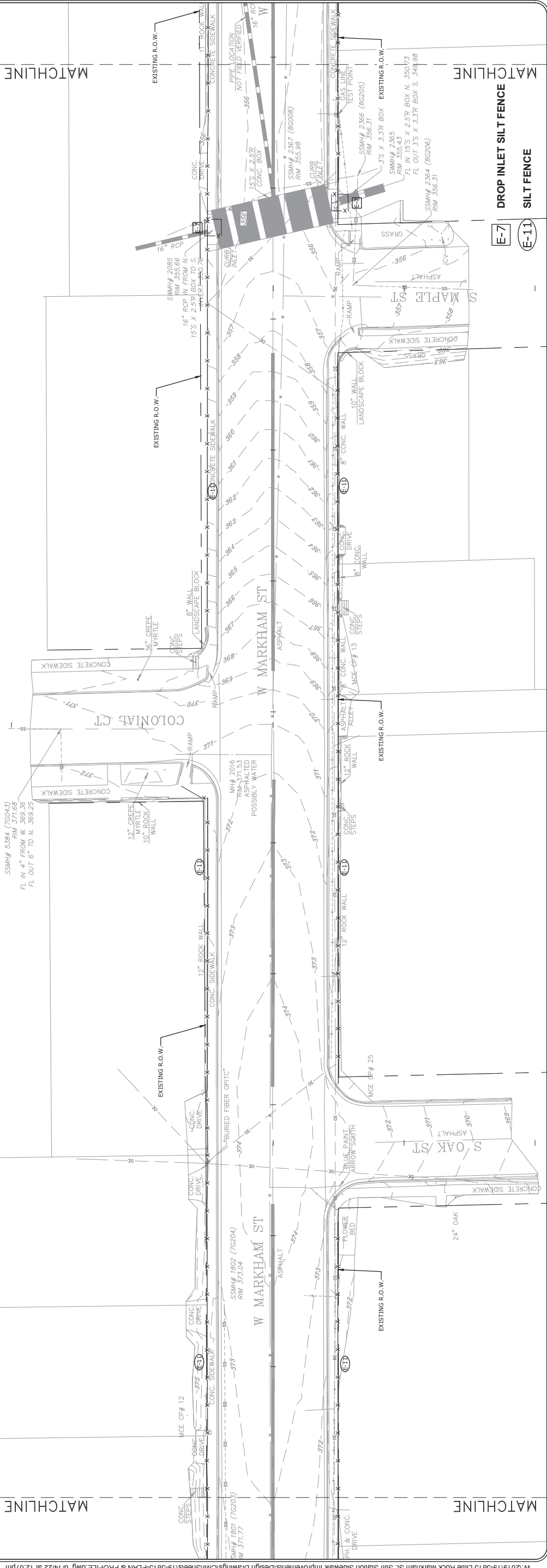
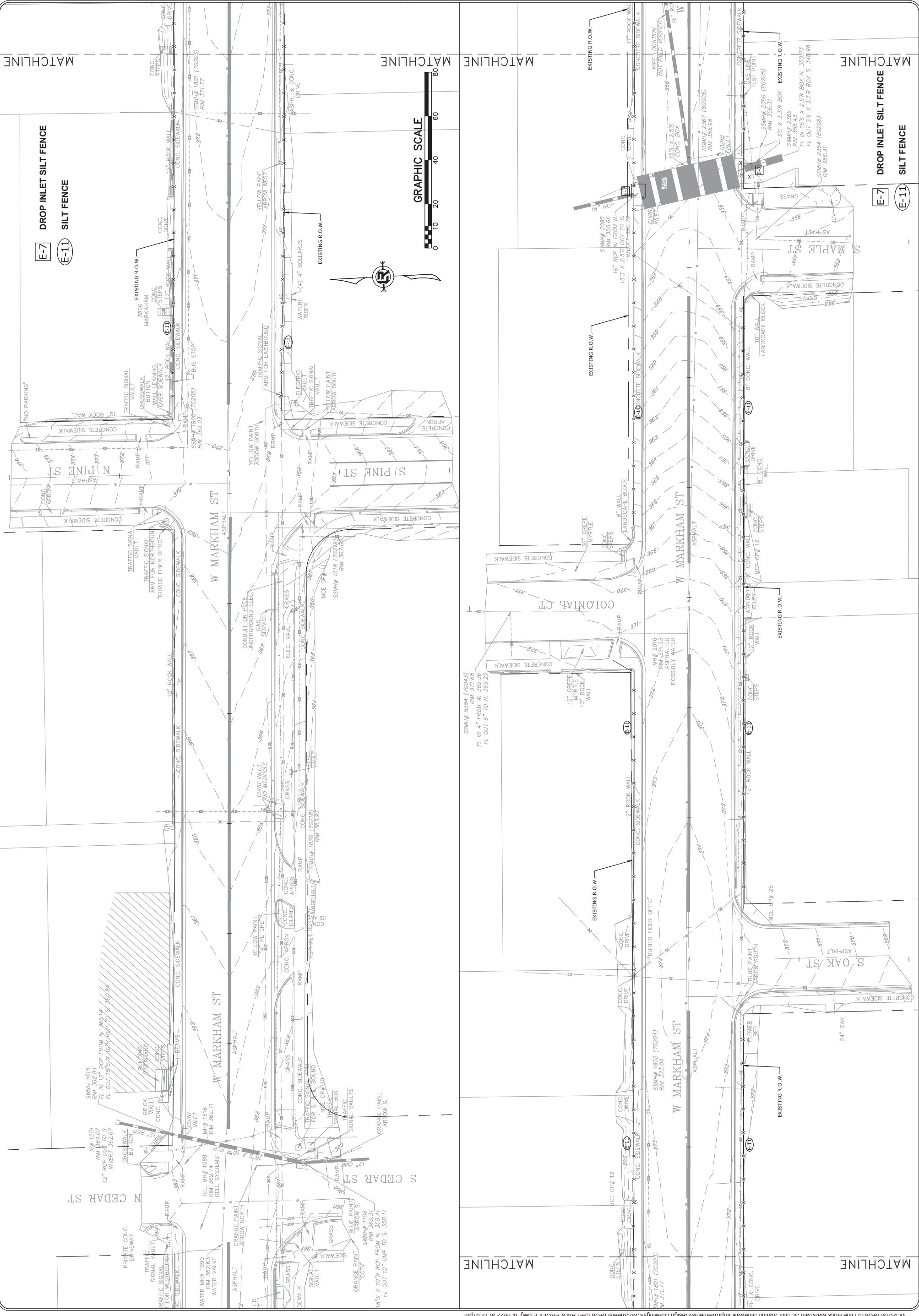
REVISIONS	DATE

**CITY OF LITTLE ROCK, ARKANSAS
MARKHAM ST. STIFF STATION
SIDEWALK IMPROVEMENTS
EROSION CONTROL PLAN**



 DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
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DRAWN BY	JAM
DESIGNED	EH4
CHECKED	MK
DATE	APRIL 2022
SCALE	1"=20'
PROJECT NO.	CLR #7?
SHEET NO.	C20



REVISIONS	DATE

**CITY OF LITTLE ROCK, ARKANSAS
MARKHAM ST. STIFF STATION
SIDEWALK IMPROVEMENTS
EROSION CONTROL PLAN**



DEPARTMENT OF PUBLIC WORKS
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DRAWN BY JAM
DESIGNED EH4
CHECKED MK
DATE APRIL 2022
SCALE 1"=20'
PROJECT NO. CLR #7?
SHEET NO. C21

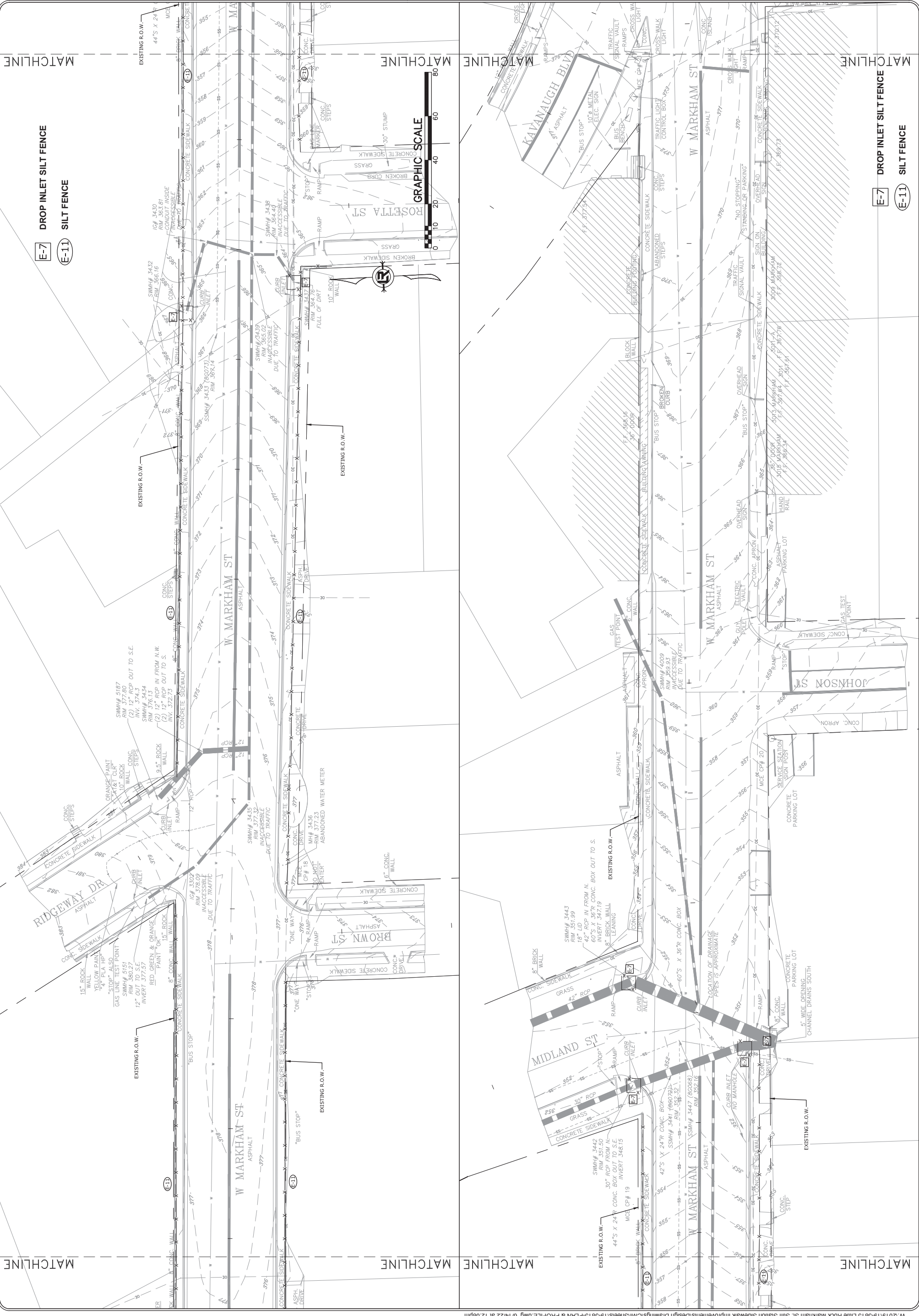


REVISIONS	DATE

**CITY OF LITTLE ROCK, ARKANSAS
MARKHAM ST. STIFF STATION
SIDEWALK IMPROVEMENTS
EROSION CONTROL PLAN**


DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
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DRAWN BY	JAM
DESIGNED	EHA
CHECKED	MK
DATE	APRIL 2022
SCALE	1"=20'
PROJECT NO.	CLR #7?
SHEET NO.	C22




E-7 DROP INLET SILT FENCE
E-11 SILT FENCE

E-7 DROP INLET SILT FENCE
E-11 SILT FENCE

REVISIONS	DATE

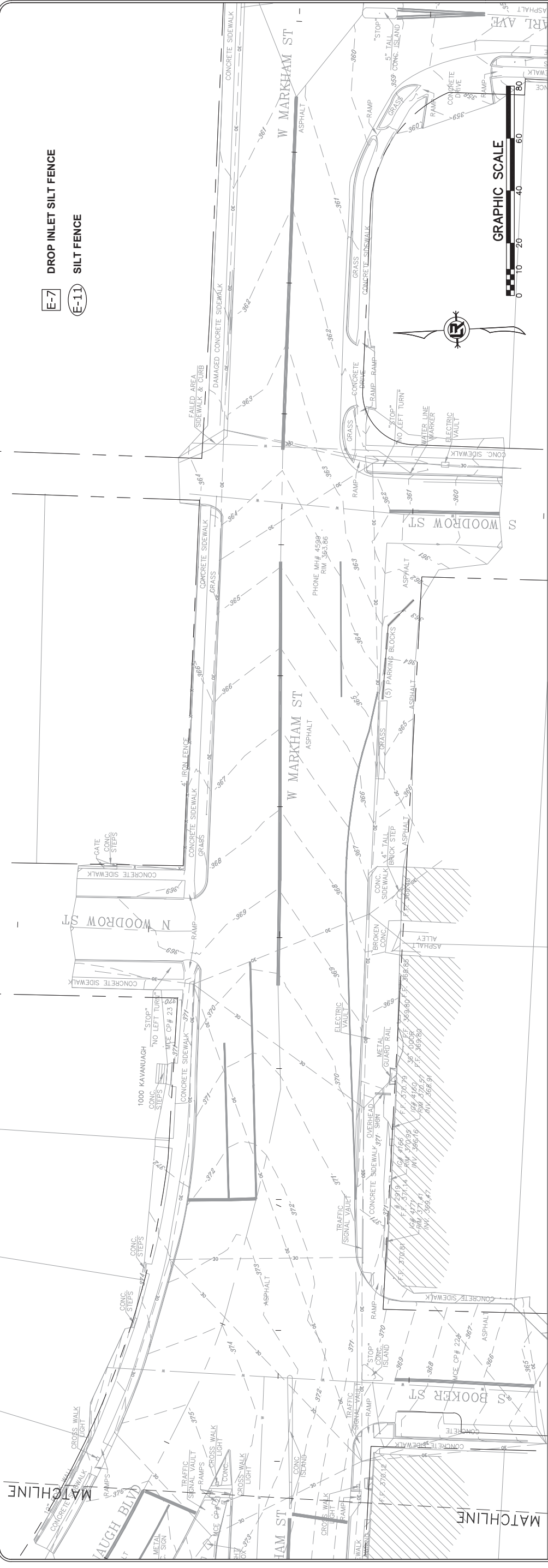
CITY OF LITTLE ROCK, ARKANSAS
MARKHAM ST. STIFF STATION
SIDEWALK IMPROVEMENTS
EROSION CONTROL PLAN

DEPARTMENT OF PUBLIC WORKS
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DRAWN BY	JAM
DESIGNED	EH4
CHECKED	MK
DATE	APRIL 2022
SCALE	1"=20'
PROJECT NO.	
CLR #??	
SHEET NO.	C23




- E-7** DROP INLET SILT FENCE
- E-11** SILT FENCE

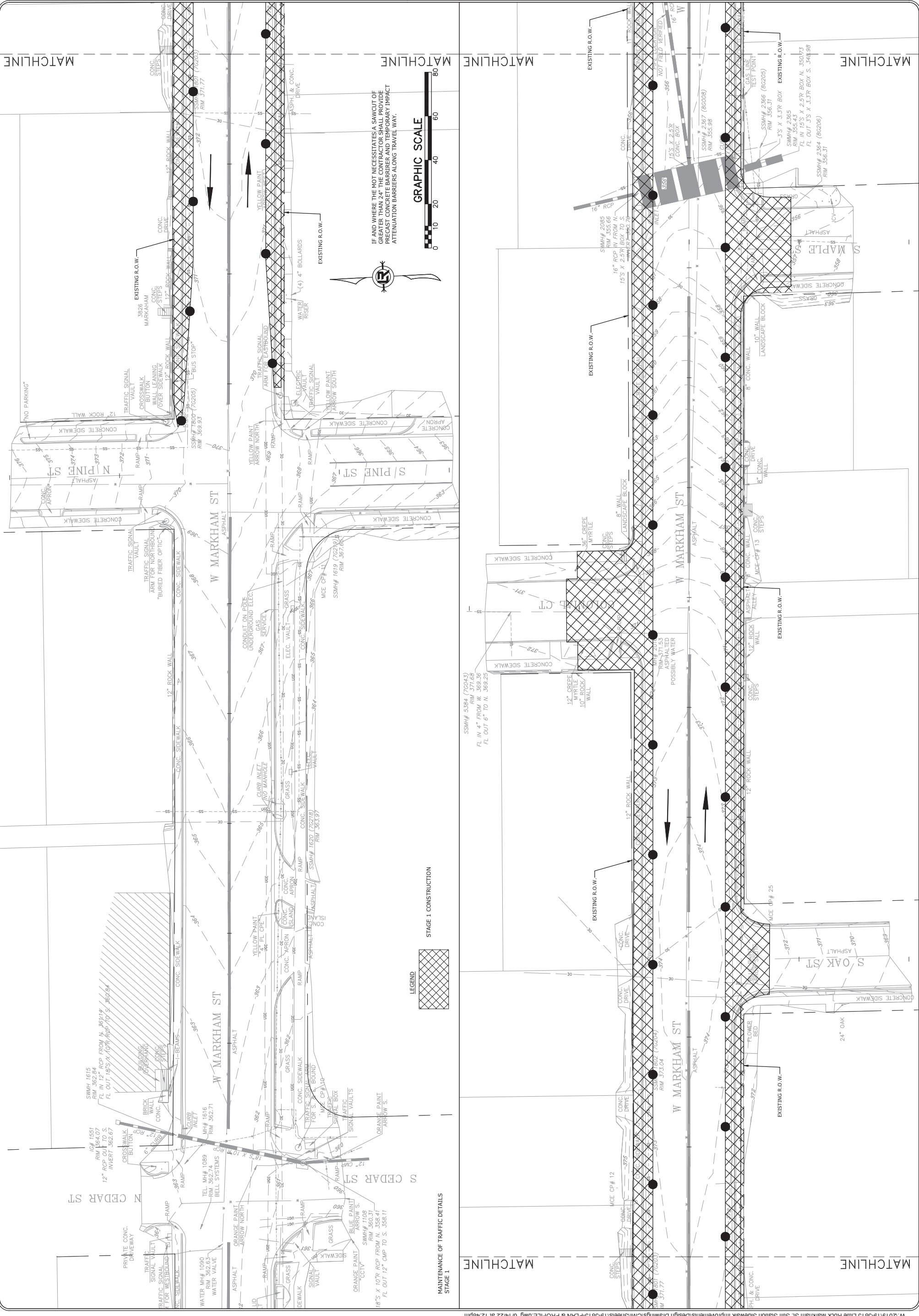


REVISIONS	DATE

**CITY OF LITTLE ROCK, ARKANSAS
MARKHAM ST. STIFF STATION
SIDEWALK IMPROVEMENTS
MAINTENANCE OF TRAFFIC PLAN STAGE 1**


DEPARTMENT OF PUBLIC WORKS
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DRAWN BY JAM	DATE APRIL 2022
DESIGNED EH4	SCALE 1"=20'
CHECKED MK	PROJECT NO. CLR #7?
SHEET NO. C24	



REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 MARKHAM ST. STIFF STATION
 SIDEWALK IMPROVEMENTS
 MAINTENANCE OF TRAFFIC PLAN STAGE 1

DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201

DRAWN BY
 JAM

DESIGNED
 EHA

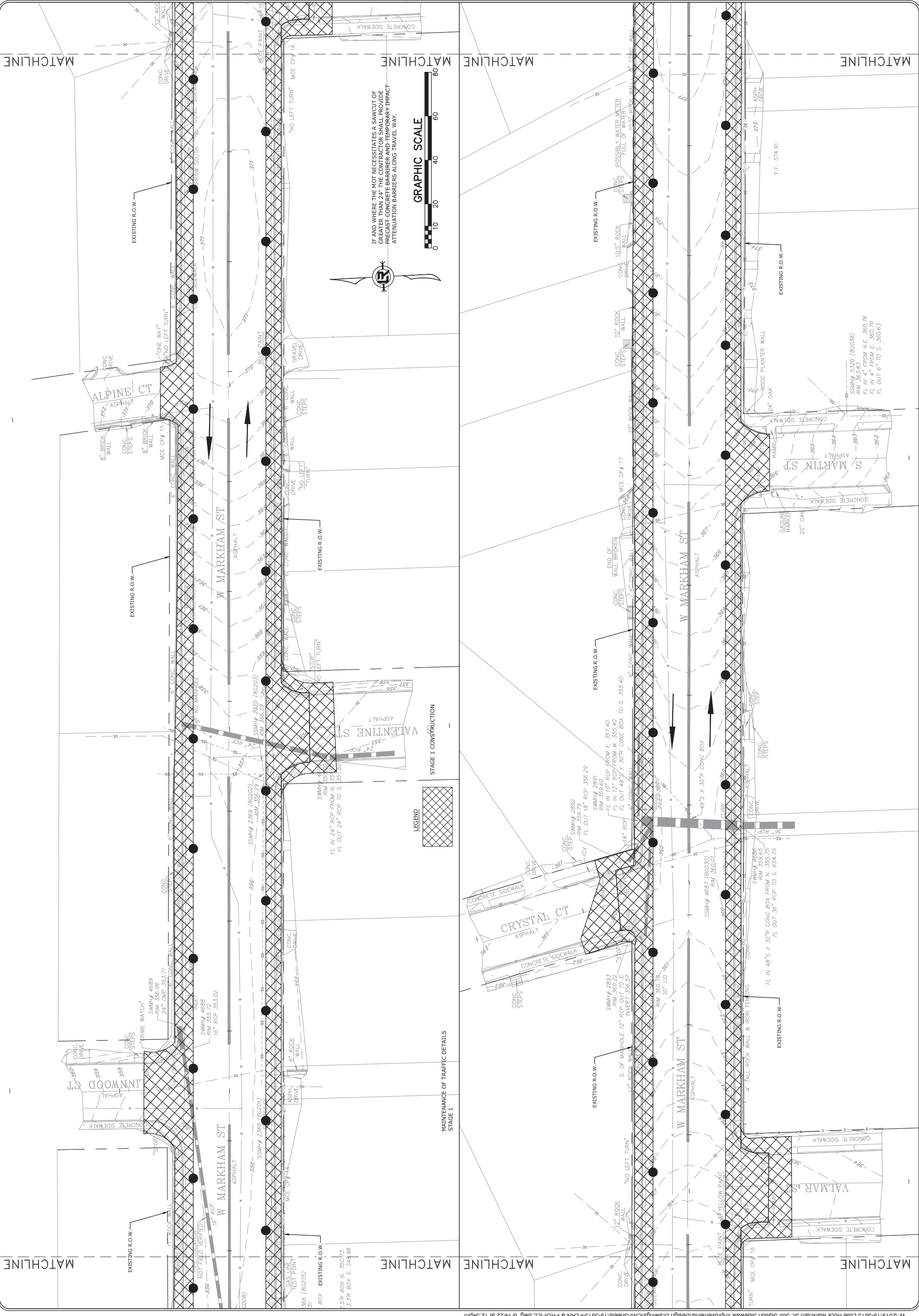
CHECKED
 MK

DATE
 APRIL 2022

SCALE
 1"=20'

PROJECT NO.
 CLR #7?

SHEET NO.
C25



IF AND WHERE THE NOT NECESSITATES A SAWCUT OF
 GREATER THAN 24" THE CONTRACTOR SHALL PROVIDE
 PRECAST CONCRETE BARRIER AND TEMPORARY IMPACT
 ATTENUATION BARRIERS ALONG TRAVEL WAY.

LEGEND

STAGE 1 CONSTRUCTION

REVISIONS	DATE

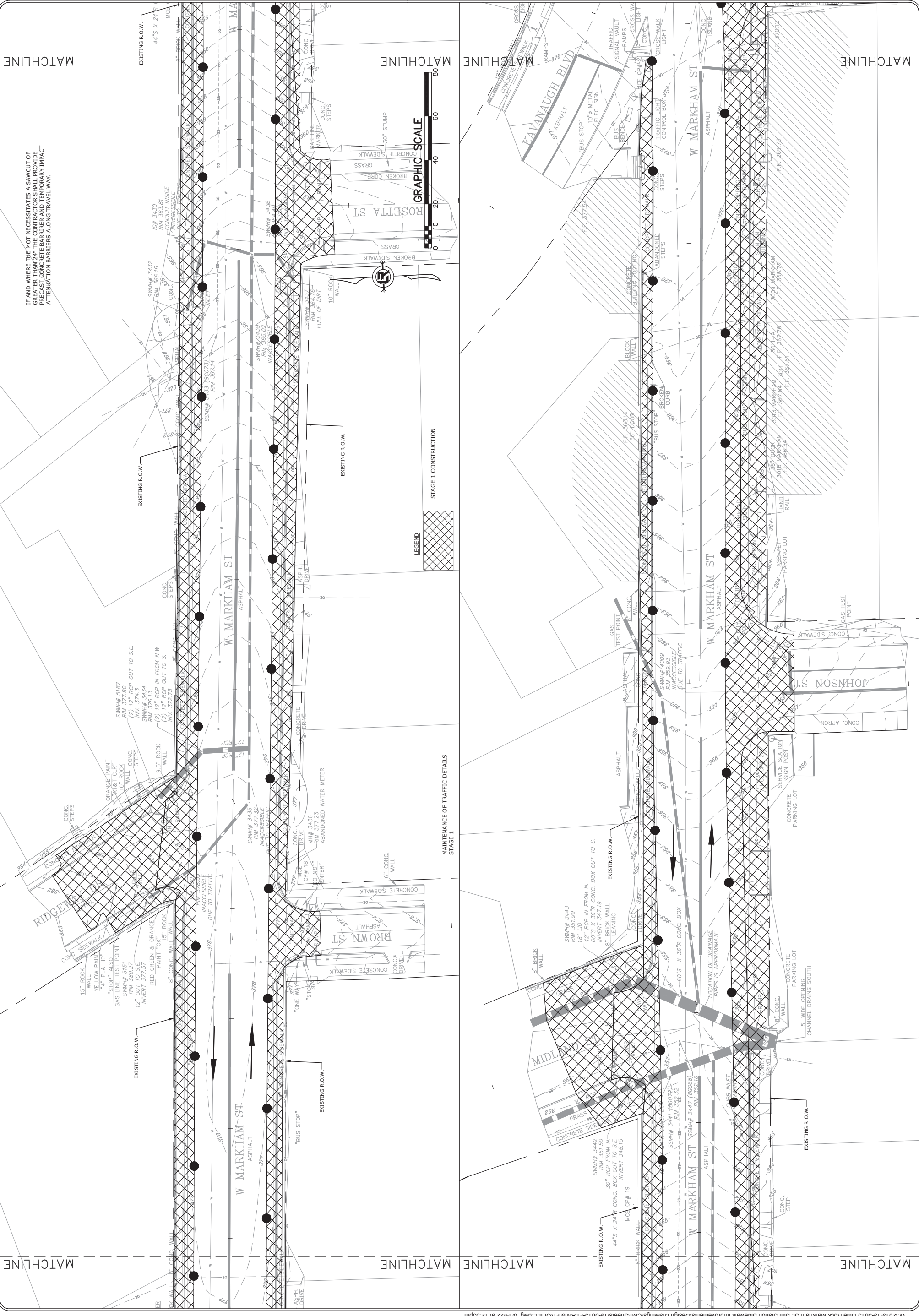
CITY OF LITTLE ROCK, ARKANSAS
MARKHAM ST. STIFF STATION
SIDEWALK IMPROVEMENTS
MAINTENANCE OF TRAFFIC PLAN STAGE 1



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DESIGNED	EHA
CHECKED	MK
DATE	APRIL 2022
SCALE	1"=20'
PROJECT NO.	CLR #??
SHEET NO.	C26



REVISIONS	DATE

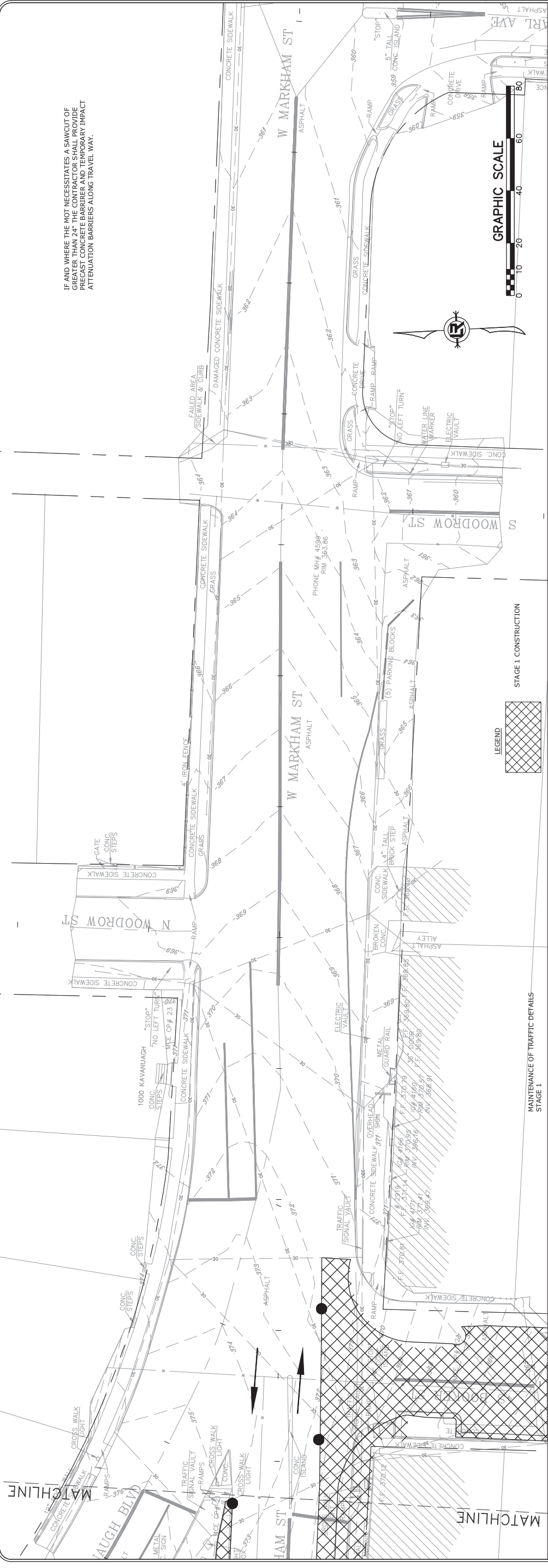
CITY OF LITTLE ROCK, ARKANSAS
MARKHAM ST. STIFF STATION
SIDEWALK IMPROVEMENTS
MAINTENANCE OF TRAFFIC PLAN STAGE 1

DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201




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DRAWN BY	JAM
DESIGNED	EH4
CHECKED	MK
DATE	APRIL 2022
SCALE	1"=20'
PROJECT NO.	
CLR #??	
SHEET NO.	C27



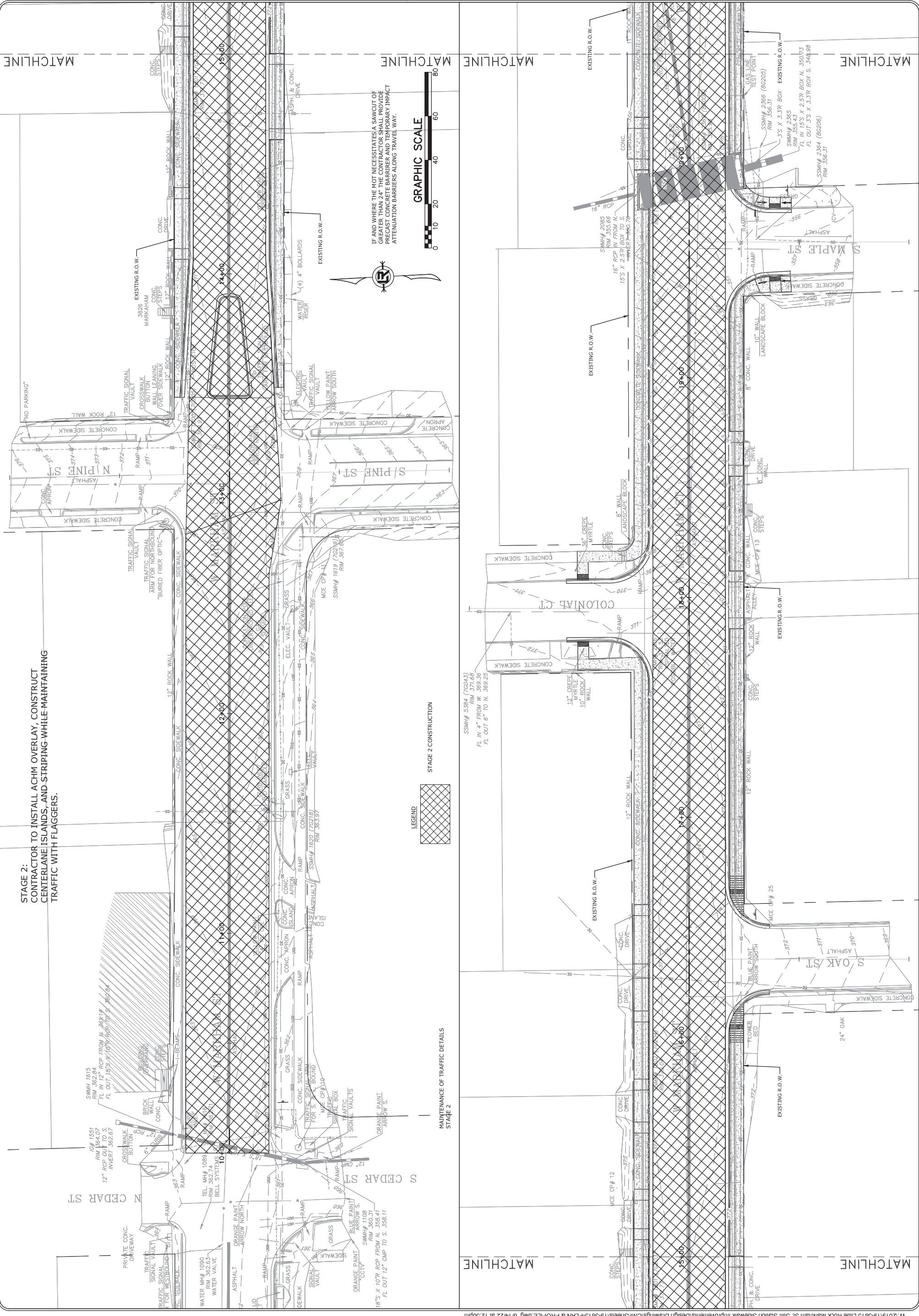
REVISIONS	DATE

**CITY OF LITTLE ROCK, ARKANSAS
MARKHAM ST. STIFF STATION
SIDEWALK IMPROVEMENTS
MAINTENANCE OF TRAFFIC PLAN STAGE 2**




 DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201

DRAWN BY	JAM
DESIGNED	EHA
CHECKED	MK
DATE	APRIL 2022
SCALE	1"=20'
PROJECT NO.	CLR #7?
SHEET NO.	C28

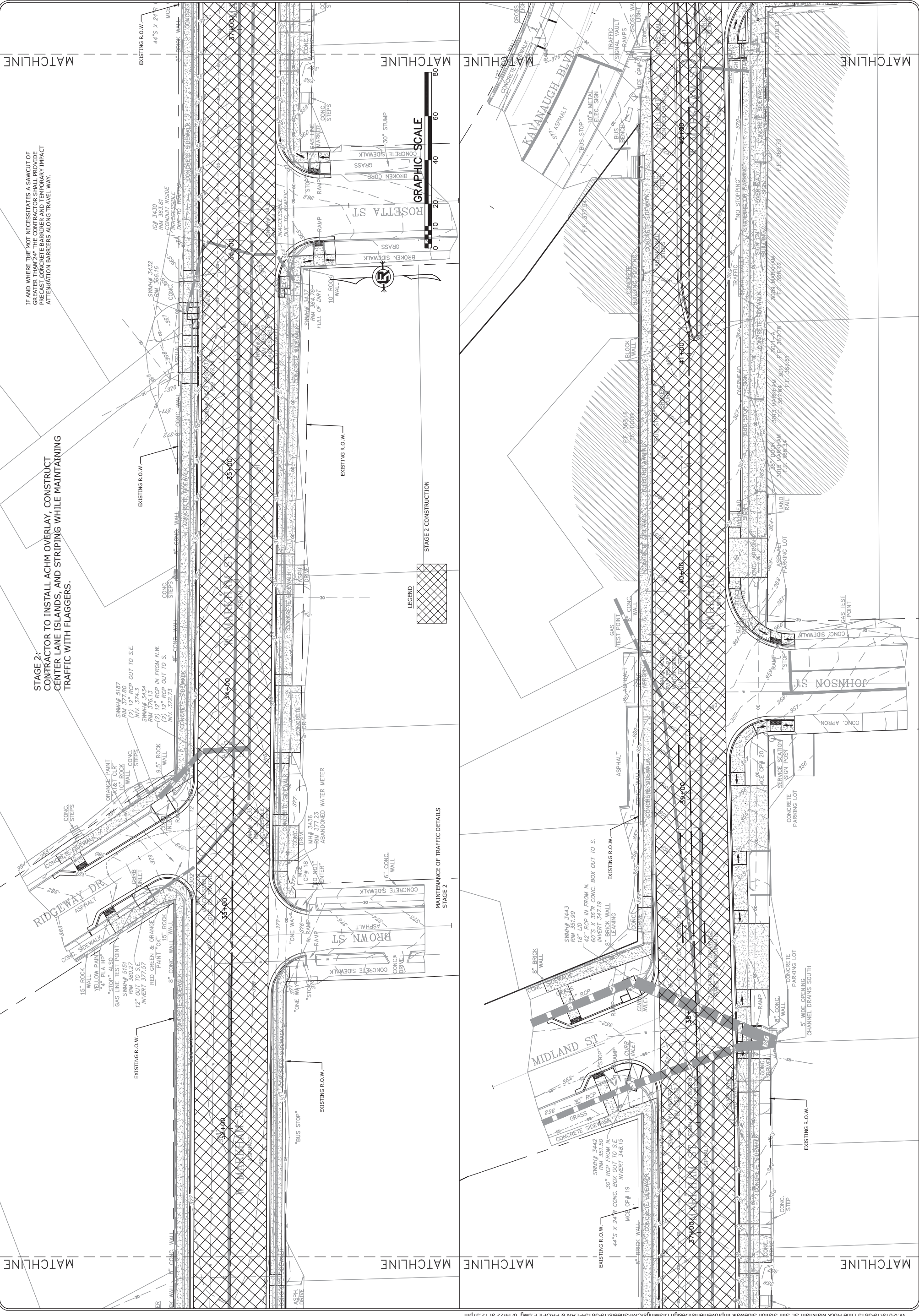


REVISIONS	DATE

**CITY OF LITTLE ROCK, ARKANSAS
MARKHAM ST. STIFF STATION
SIDEWALK IMPROVEMENTS
MAINTENANCE OF TRAFFIC PLAN STAGE 2**

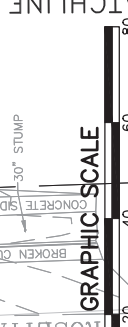
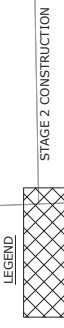

DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201

DRAWN BY	JAM
DESIGNED	EHA
CHECKED	MK
DATE	APRIL 2022
SCALE	1"=20'
PROJECT NO.	CLR #7?
SHEET NO.	C30



STAGE 2:
 CONTRACTOR TO INSTALL ACHM OVERLAY, CONSTRUCT
 CENTER LANE ISLANDS, AND STRIPING WHILE MAINTAINING
 TRAFFIC WITH FLAGGERS.


IF AND WHERE THE NOT NECESSARIES A SAWCUT OF
 GREATER THAN 24" THE CONTRACTOR SHALL PROVIDE
 PRECAST CONCRETE BARRIER AND TEMPORARY IMPACT
 ATTENUATION BARRIERS ALONG TRAVEL WAY.



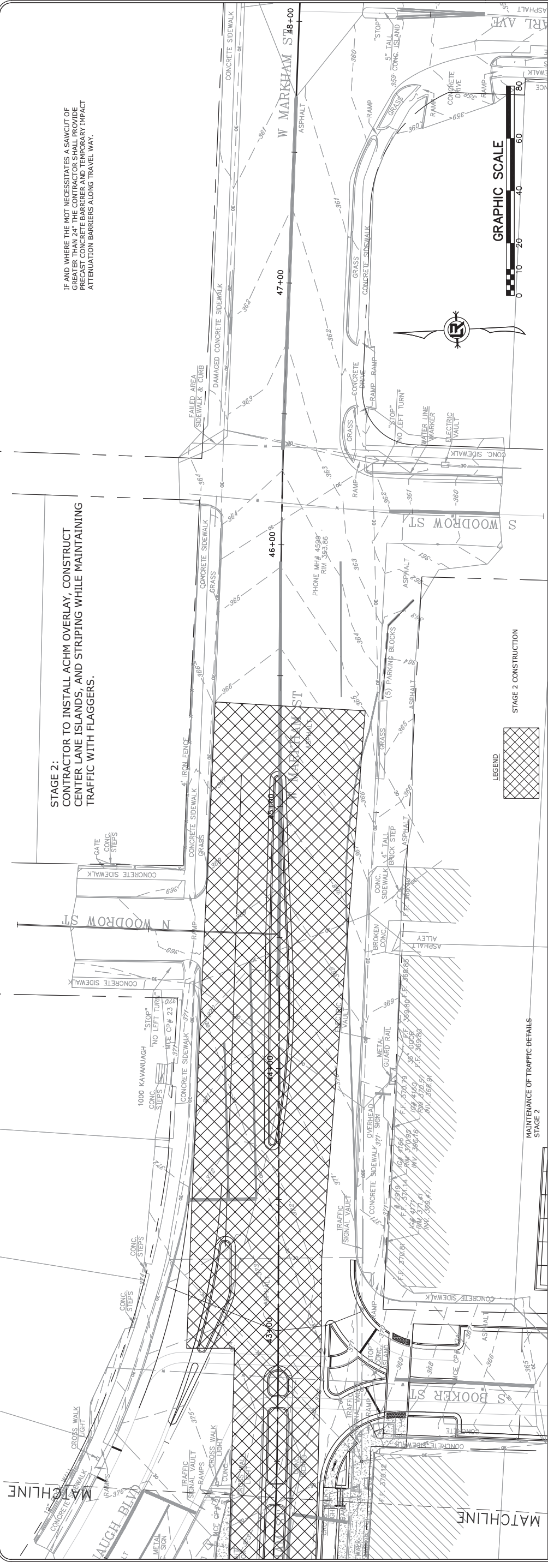
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
MARKHAM ST. STIFF STATION
SIDEWALK IMPROVEMENTS
MAINTENANCE OF TRAFFIC PLAN STAGE 2

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 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201



DRAWN BY	JAM
DESIGNED	EH4
CHECKED	MK
DATE	APRIL 2022
SCALE	1"=20'
PROJECT NO.	CLR #??
SHEET NO.	C31



REVISIONS DATE

CITY OF LITTLE ROCK, ARKANSAS
MARKHAM ST. STIFF STATION
SIDEWALK IMPROVEMENTS

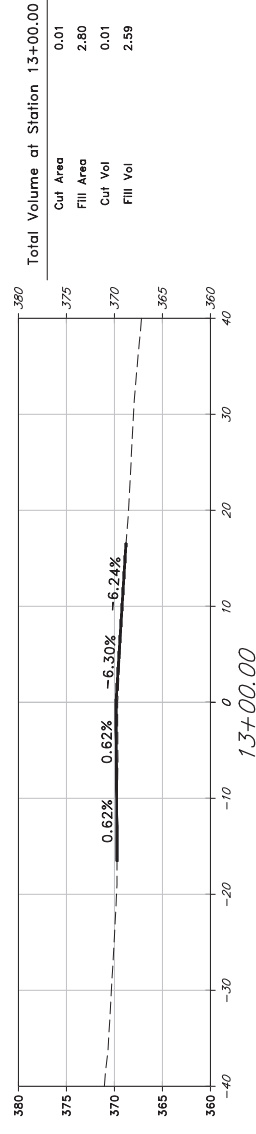
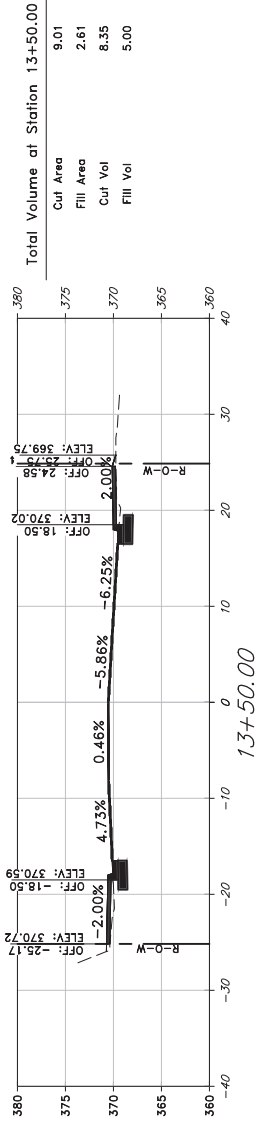
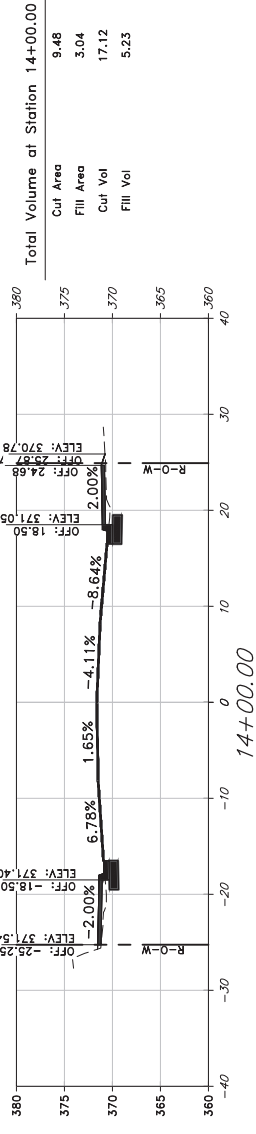
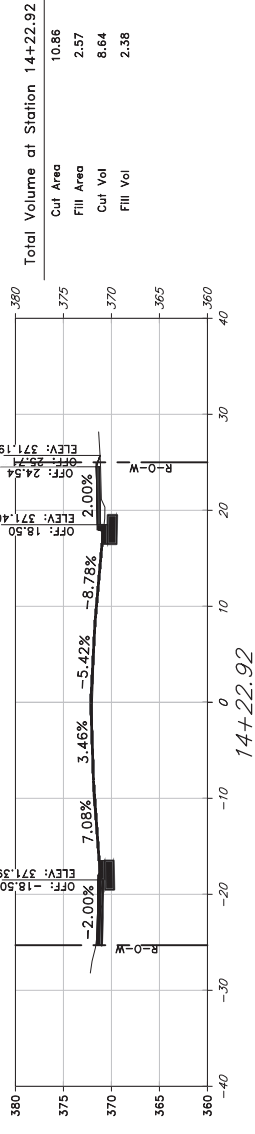
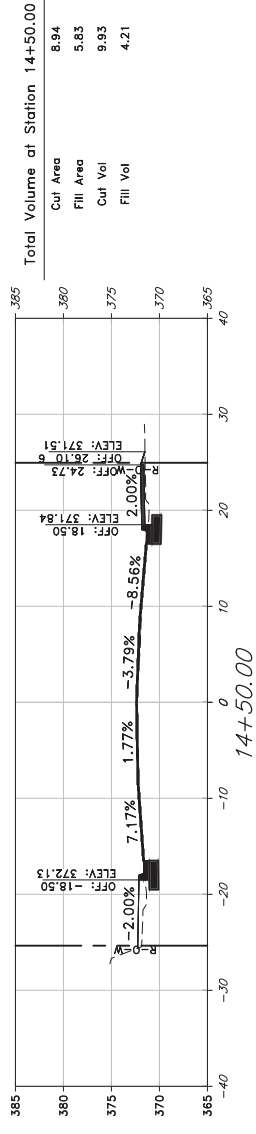
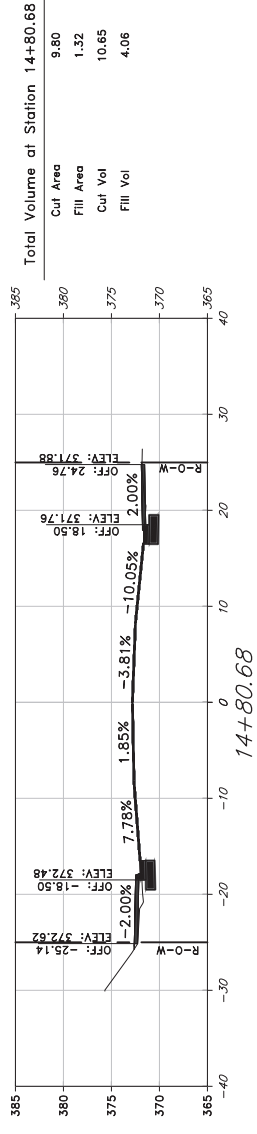
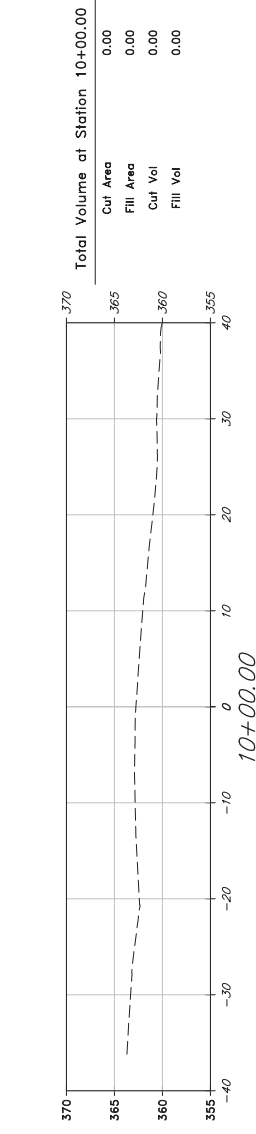
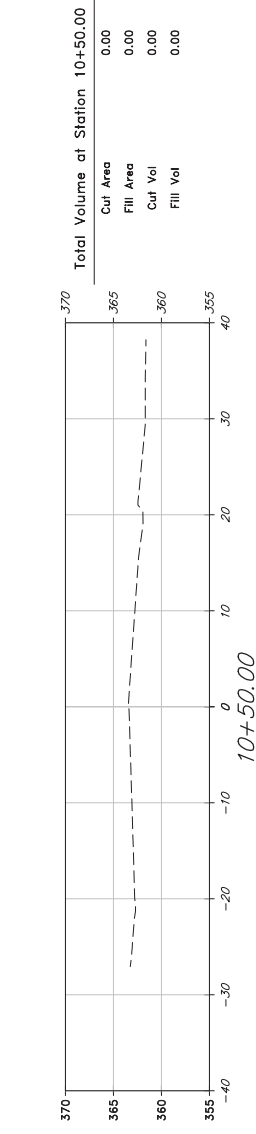
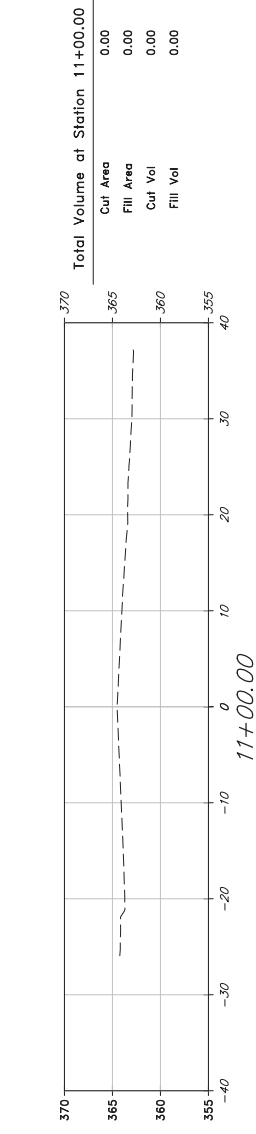
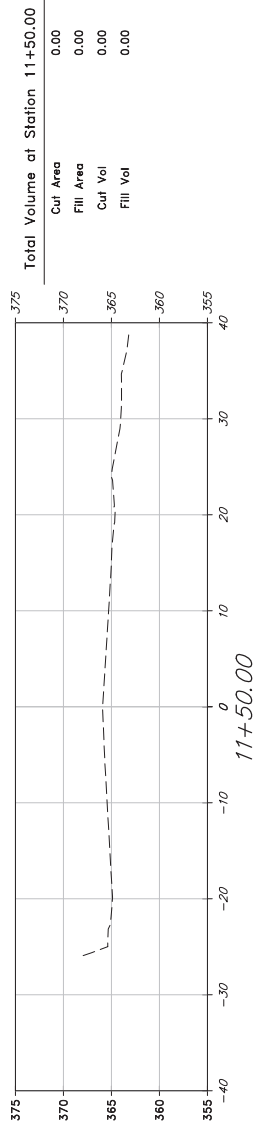
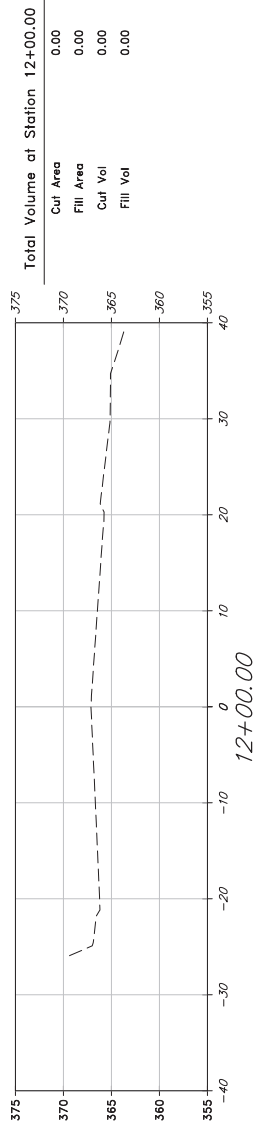
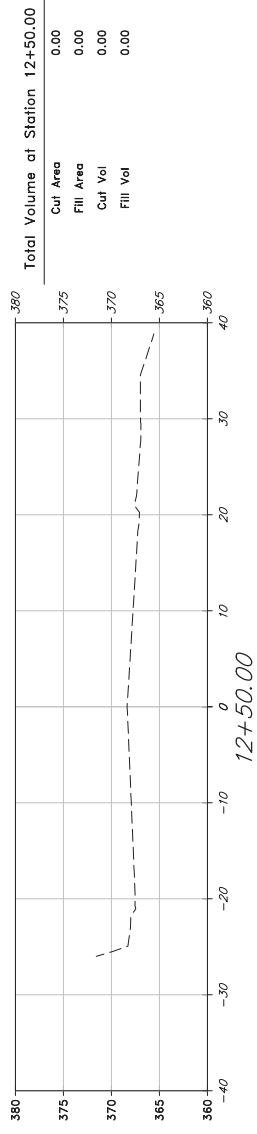
CROSS SECTIONS



DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201




DRAWN BY
JAM
DESIGNED
EH4
CHECKED
MK
DATE
APRIL 2022
SCALE
1:10
PROJECT NO.
CLR #??
SHEET NO.
C32



REVISIONS	DATE

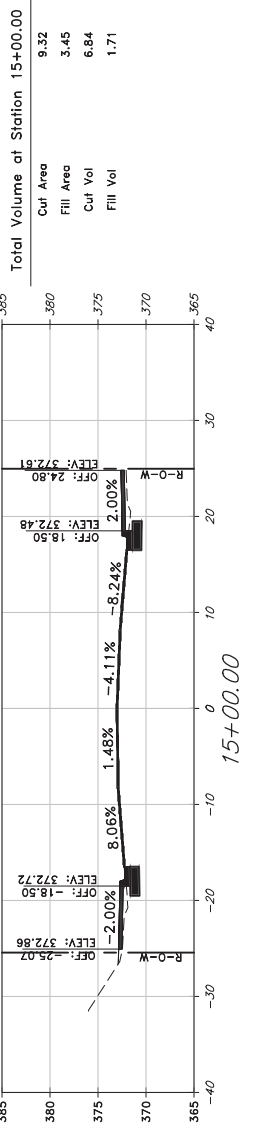
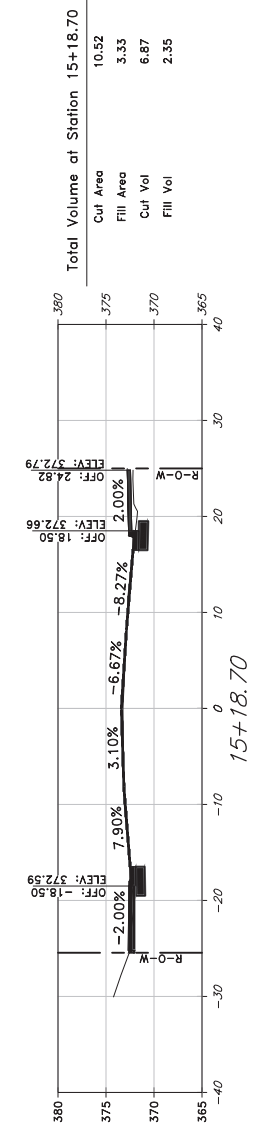
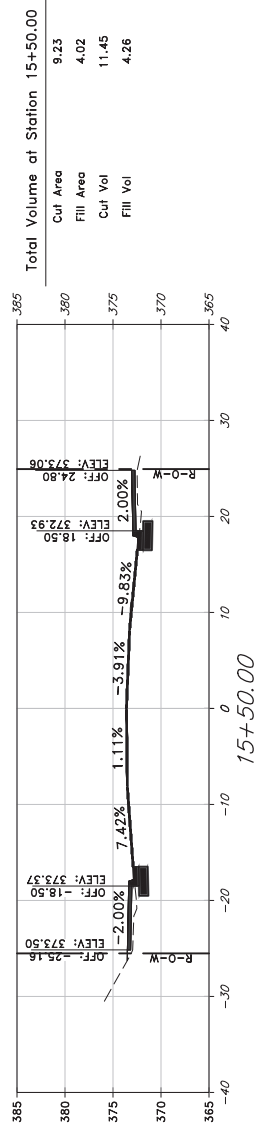
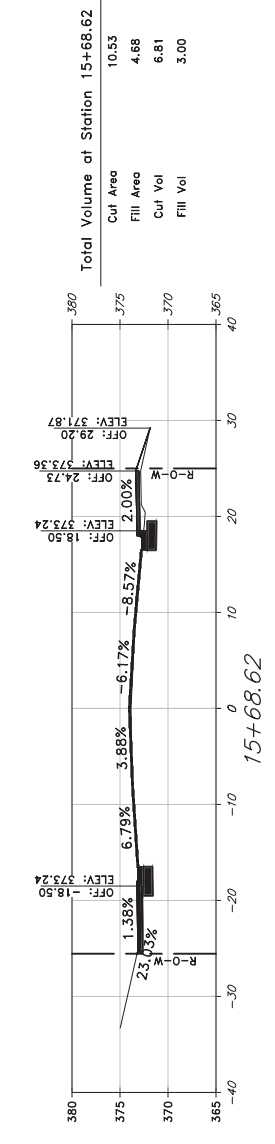
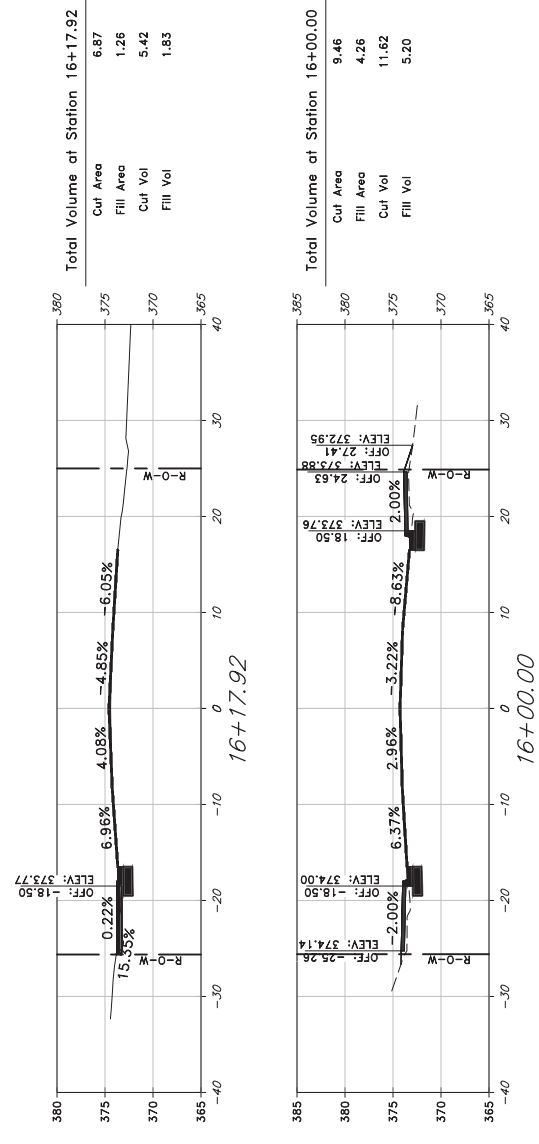
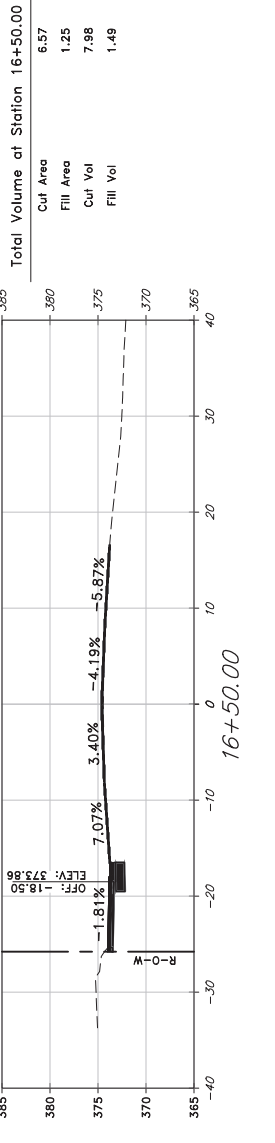
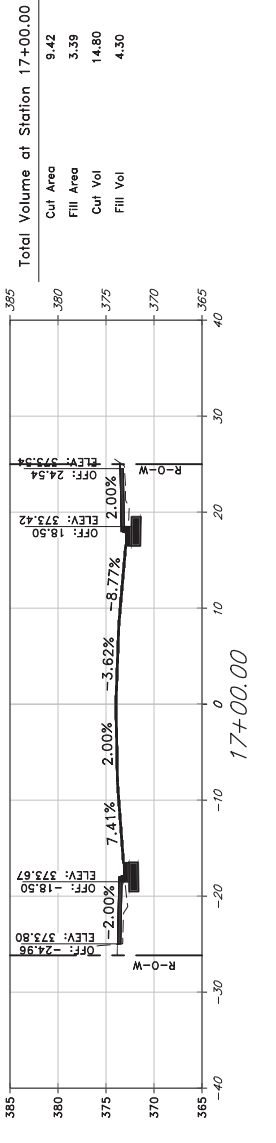
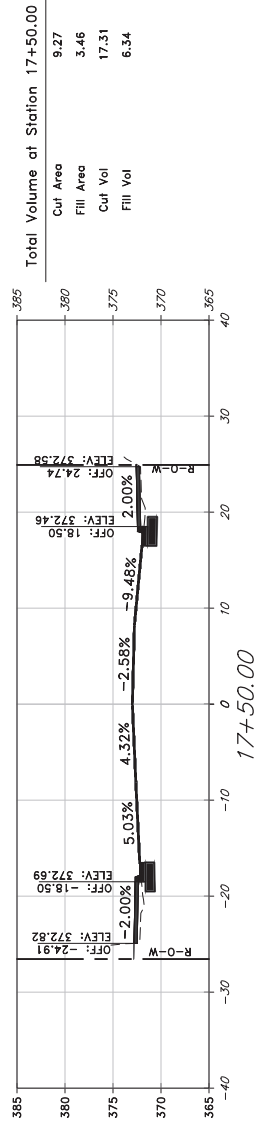
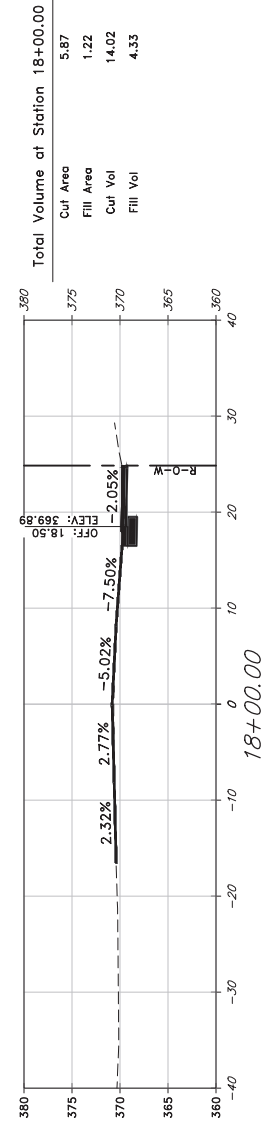
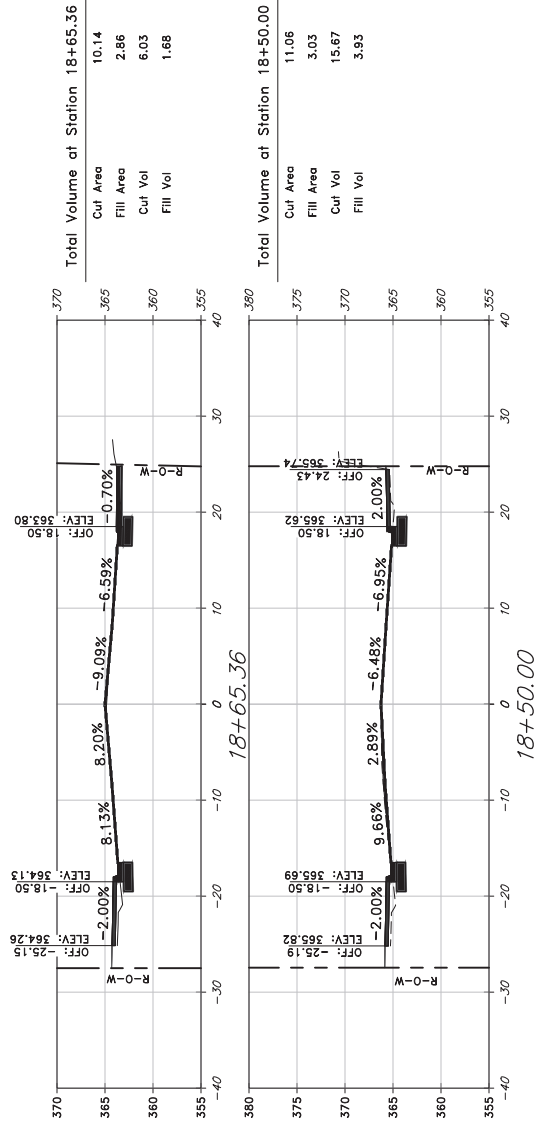
**CITY OF LITTLE ROCK, ARKANSAS
MARKHAM ST. STIFF STATION
SIDEWALK IMPROVEMENTS**

CROSS SECTIONS



 DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201


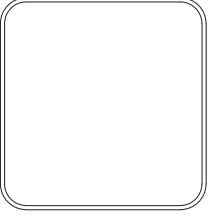
DRAWN BY
 JAM
 DESIGNED
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 CHECKED
 MK
 DATE
 APRIL 2022
 SCALE
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 PROJECT NO.
 CLR #??
 SHEET NO.
C33



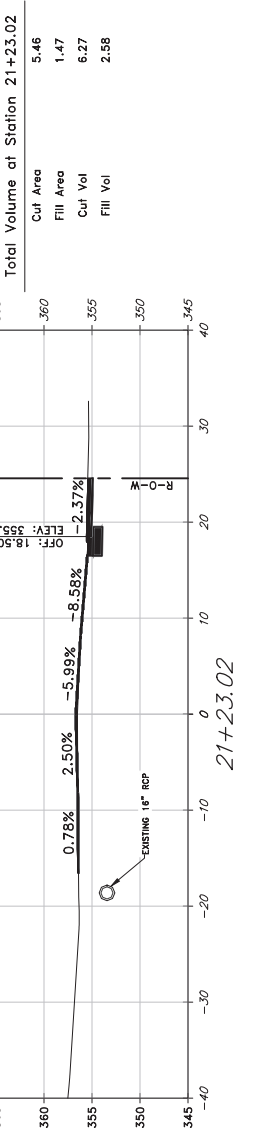
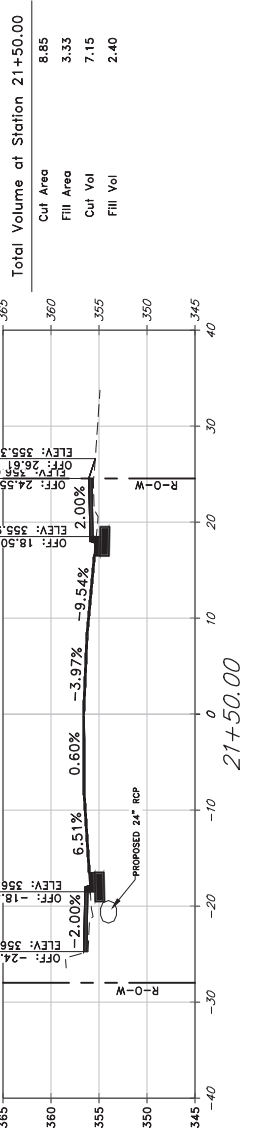
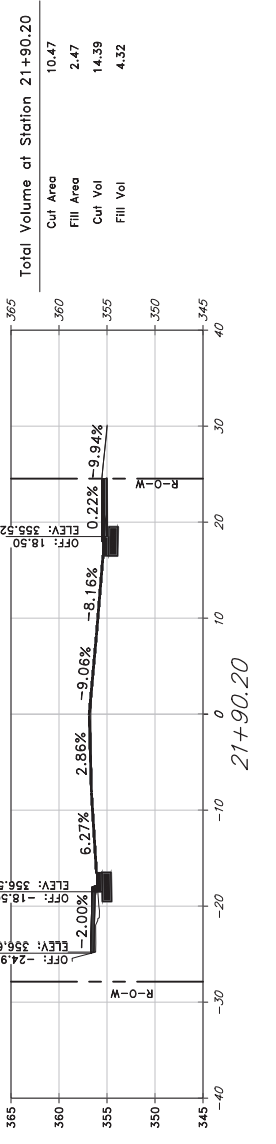
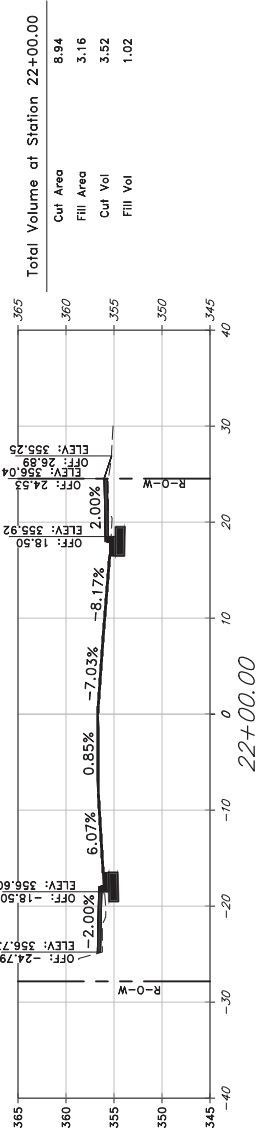
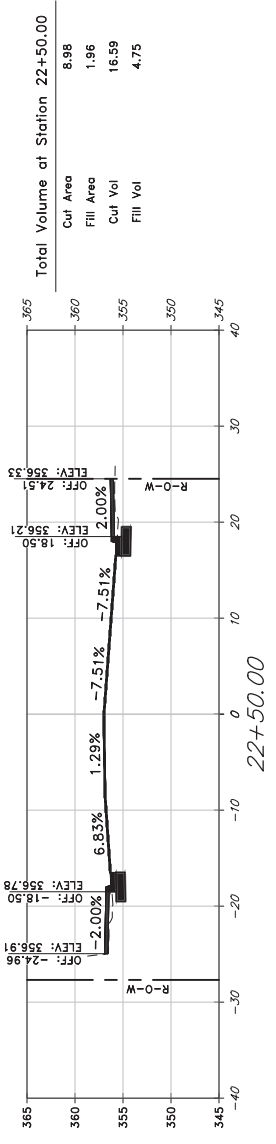
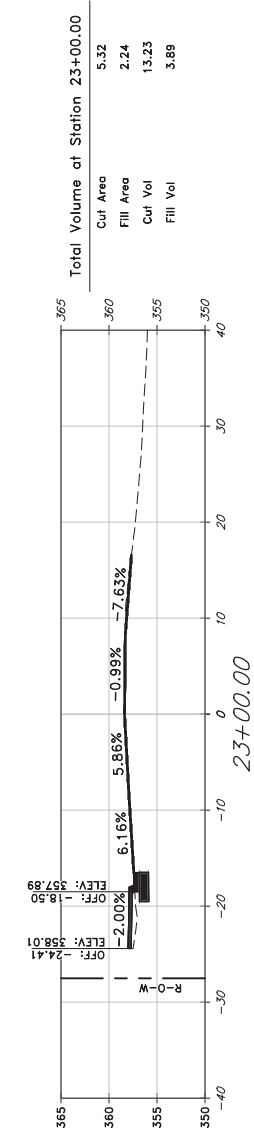
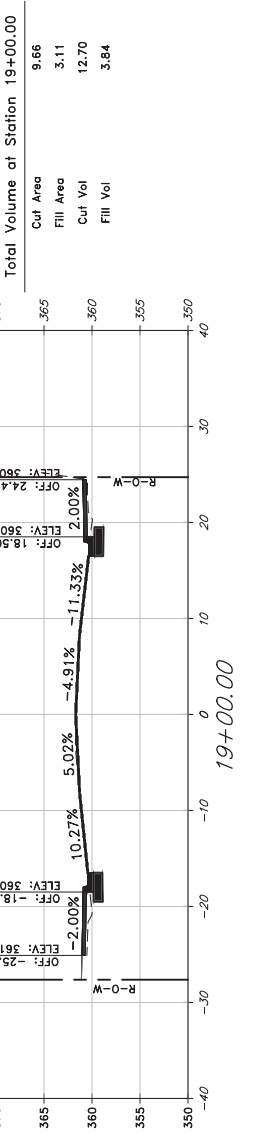
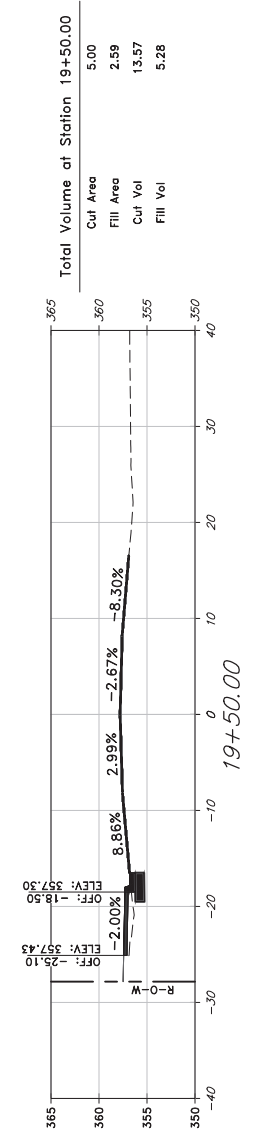
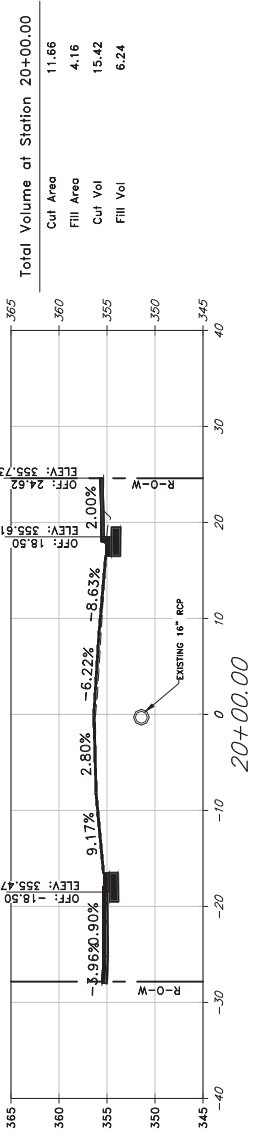
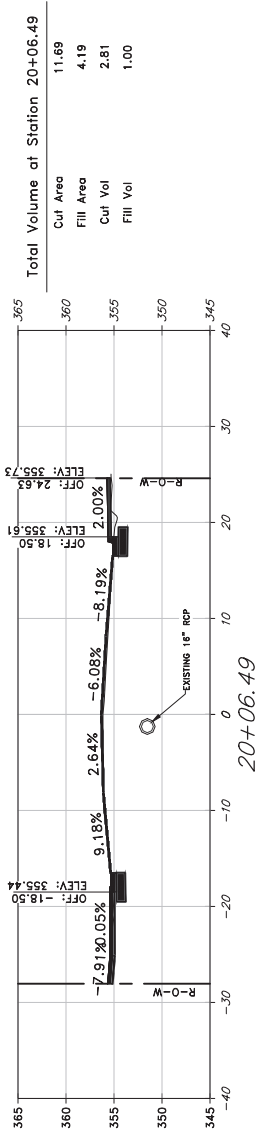
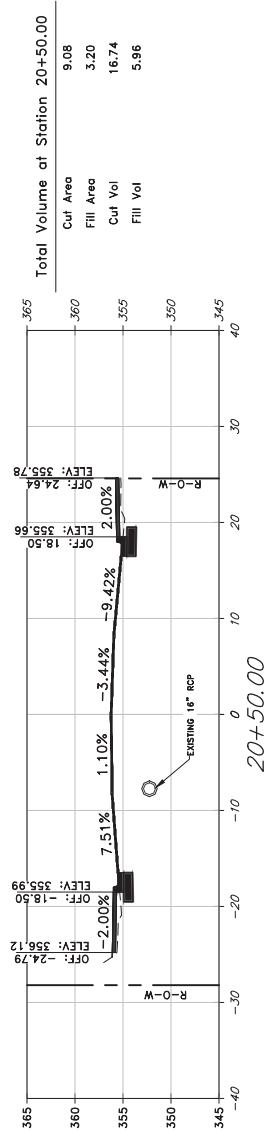
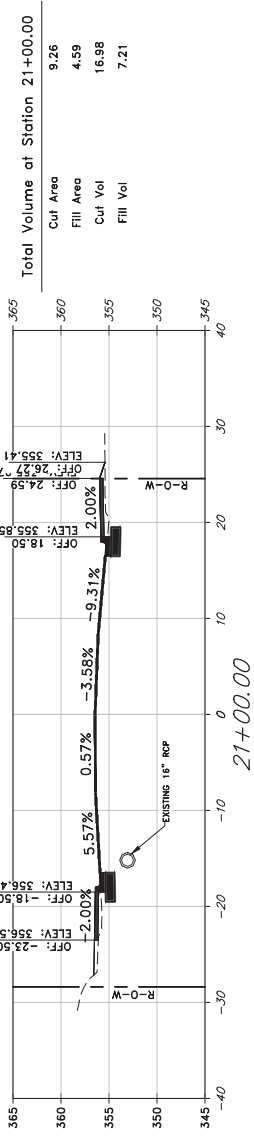
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CROSS SECTIONS**

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CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201**





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DESIGNED	EH4
CHECKED	MK
DATE	APRIL 2022
SCALE	1:10
PROJECT NO.	CLR #??
SHEET NO.	C34



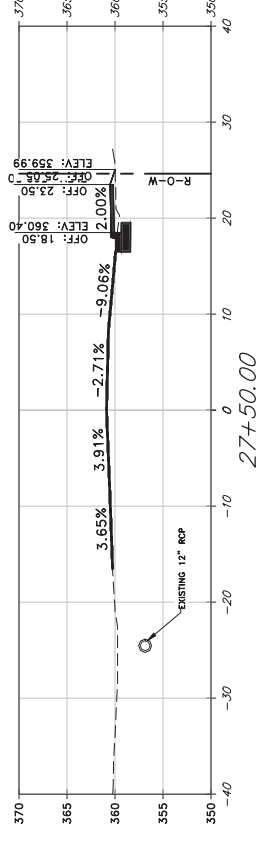
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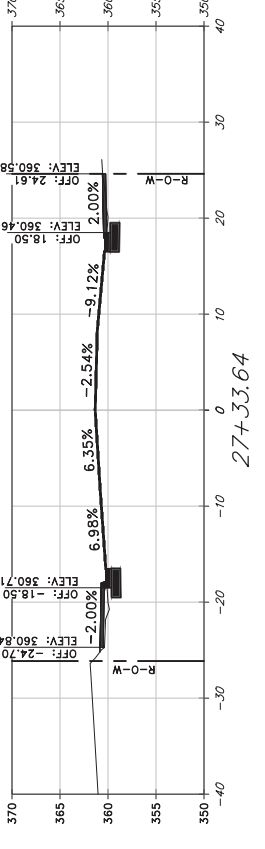

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SCALE	1:10
PROJECT NO.	CLR #7?
SHEET NO.	C35

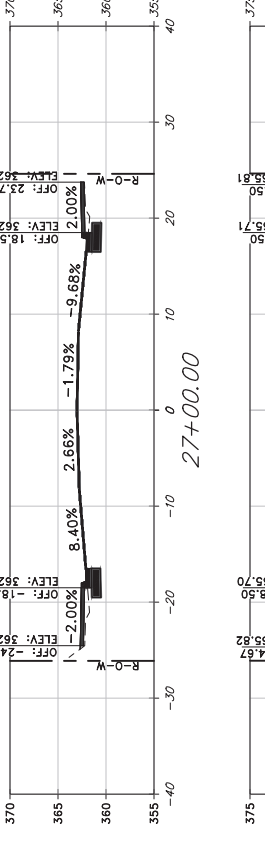
Total Volume at Station 27+50.00



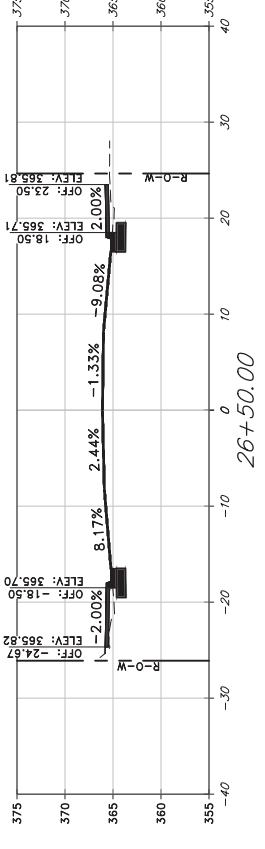
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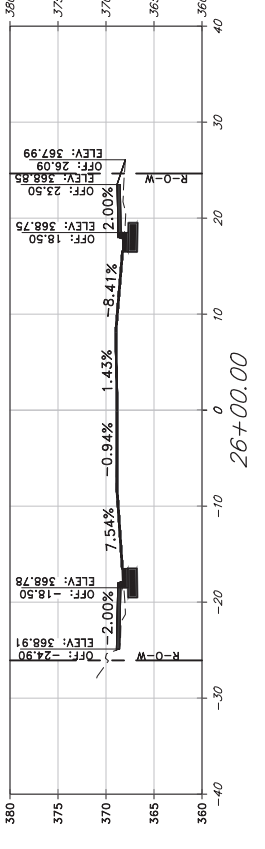
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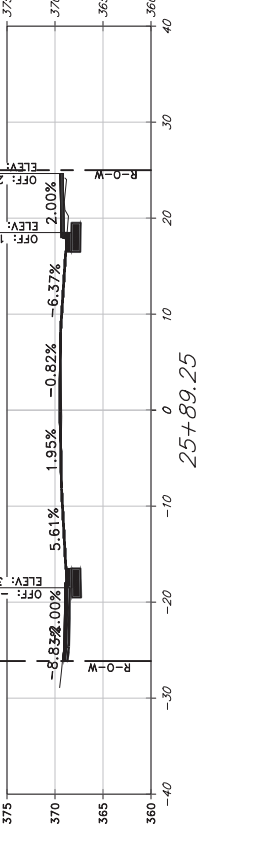
Total Volume at Station 26+50.00



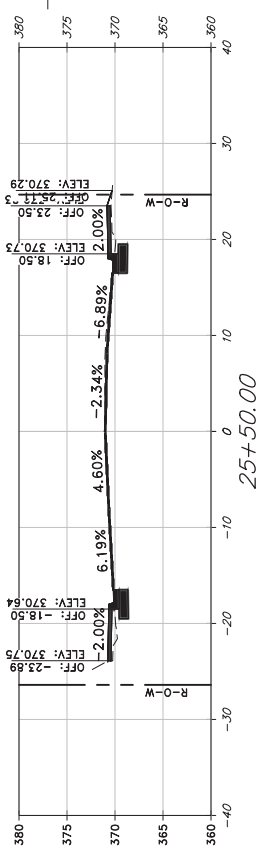
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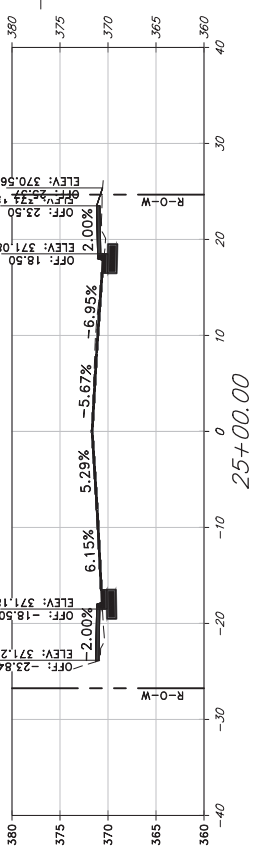
Total Volume at Station 25+89.25



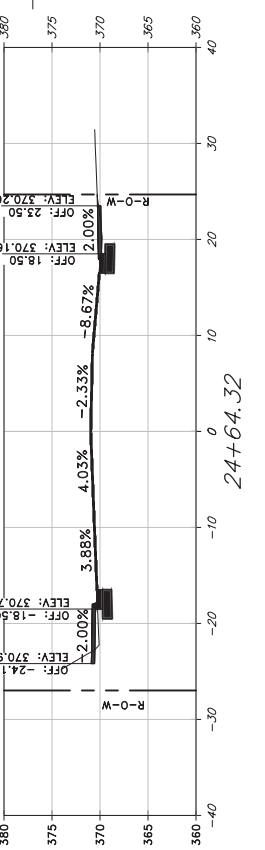
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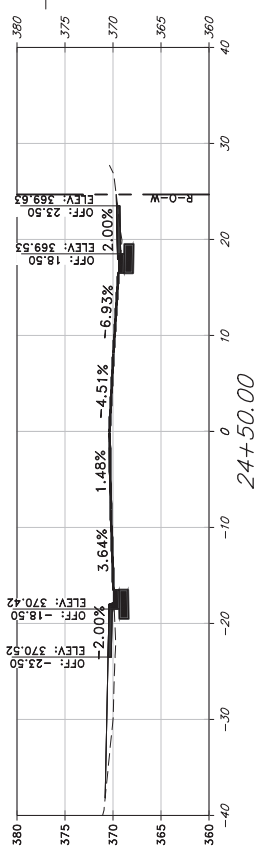
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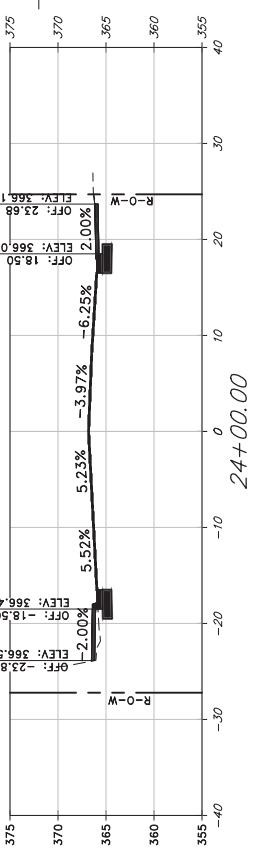
Total Volume at Station 24+64.32



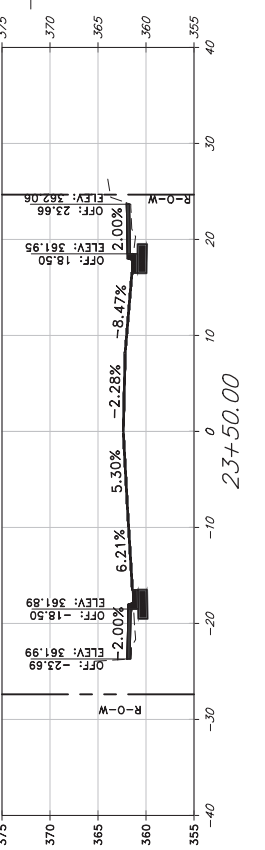
Total Volume at Station 24+50.00



Total Volume at Station 24+00.00




Total Volume at Station 23+50.00



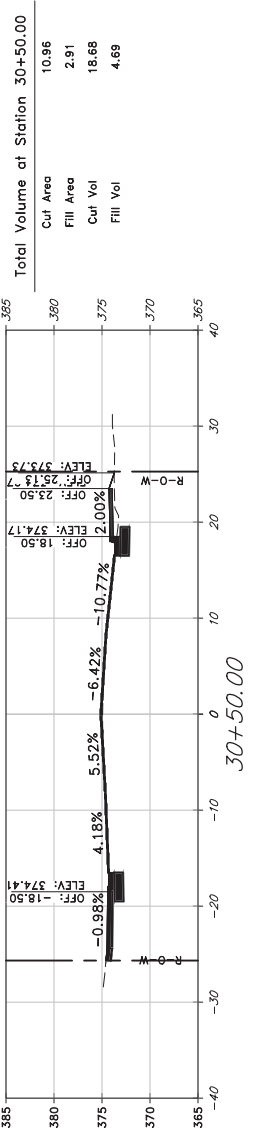
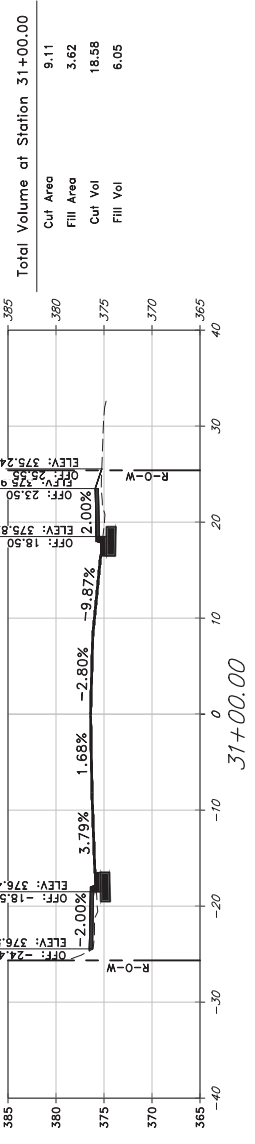
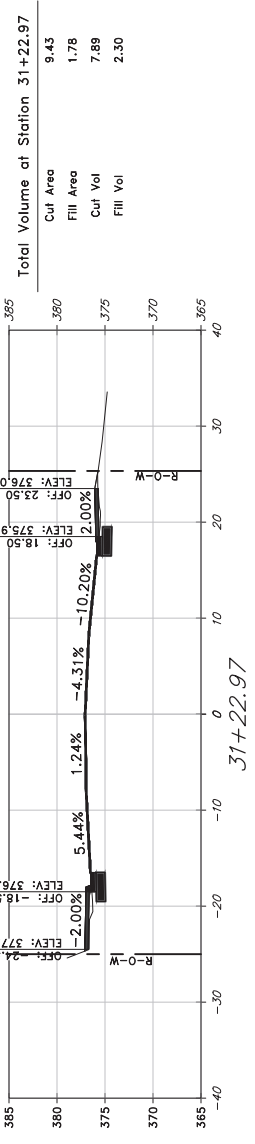
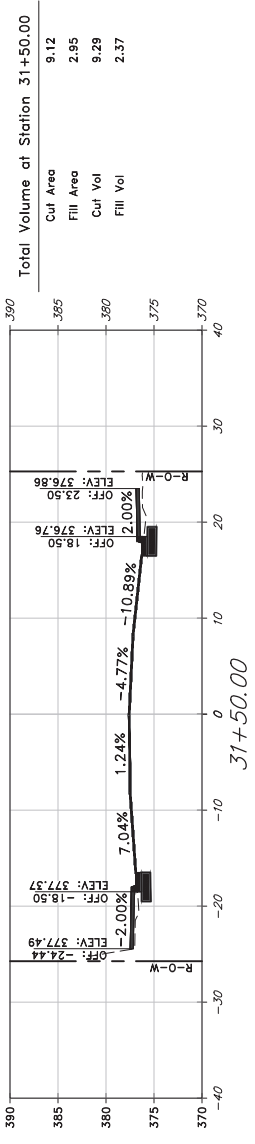
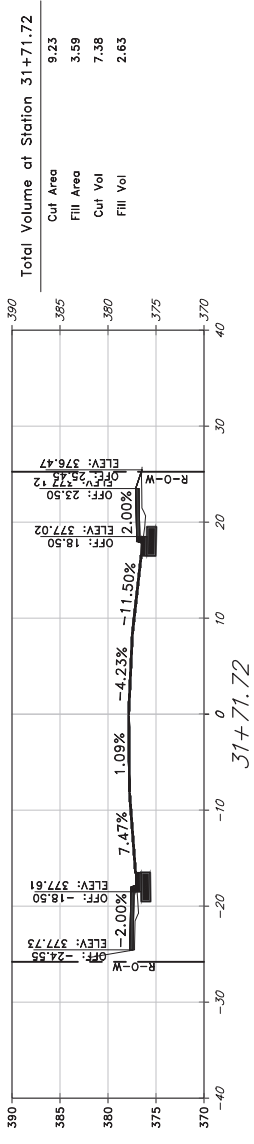
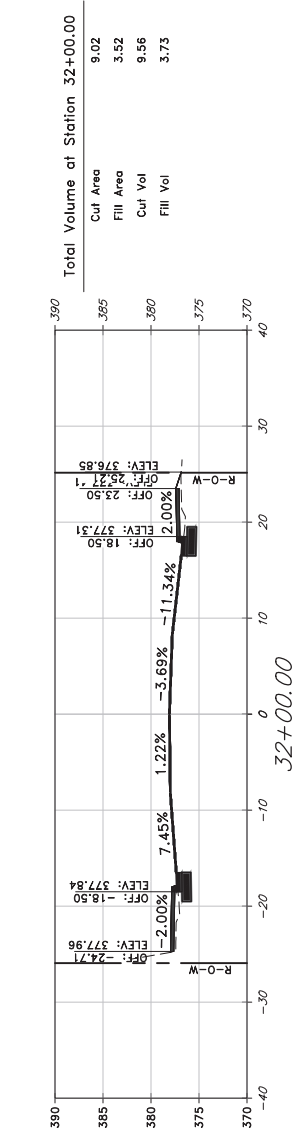
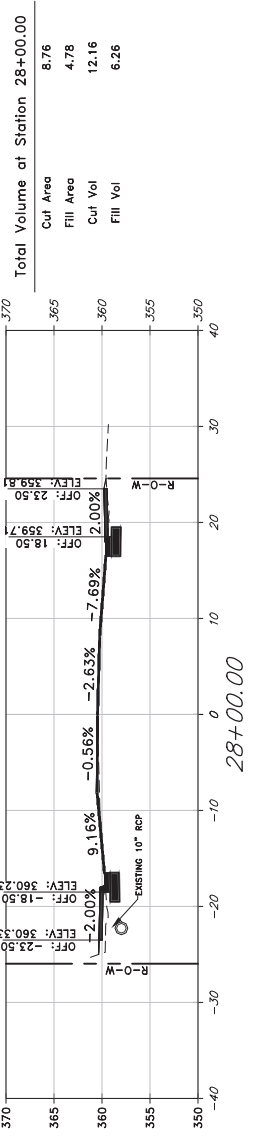
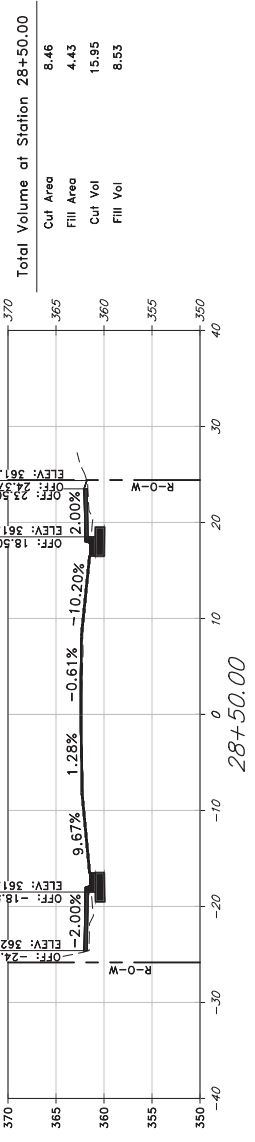
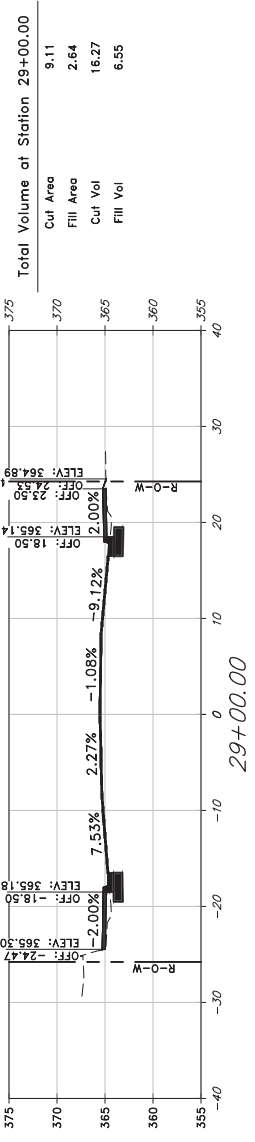
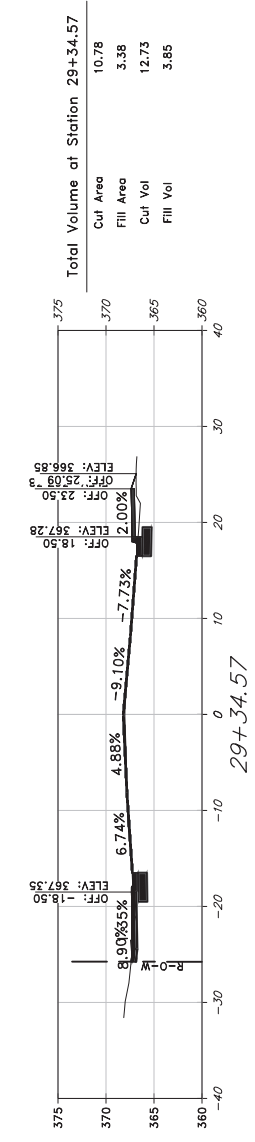
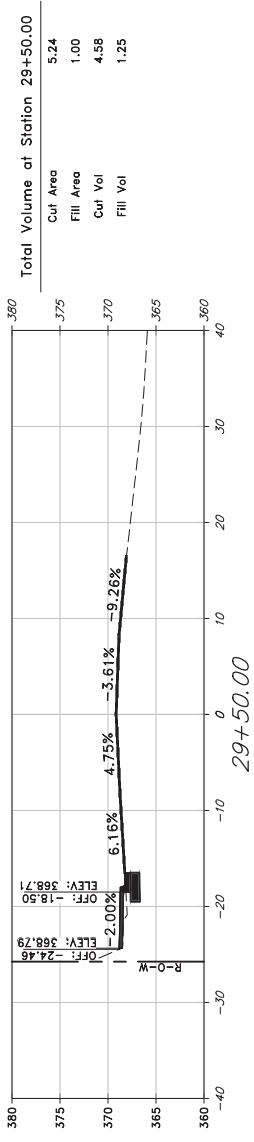
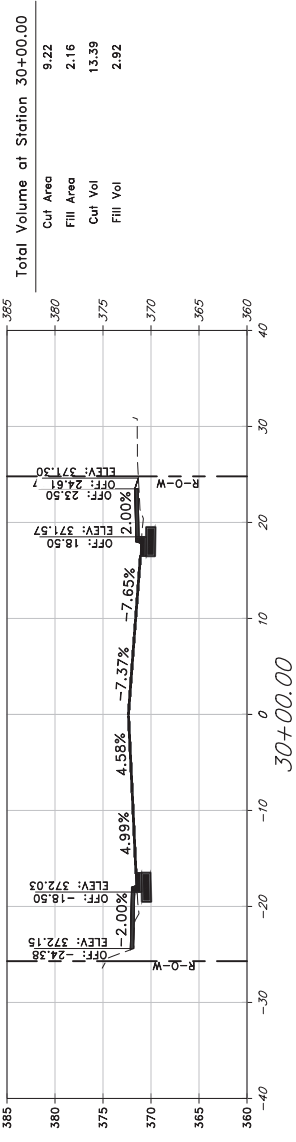
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MARKHAM ST. STIFF STATION
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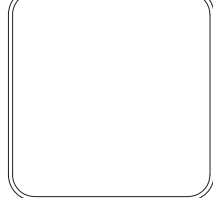
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DATE	APRIL 2022
SCALE	1:10
PROJECT NO.	CLR #7?
SHEET NO.	C36



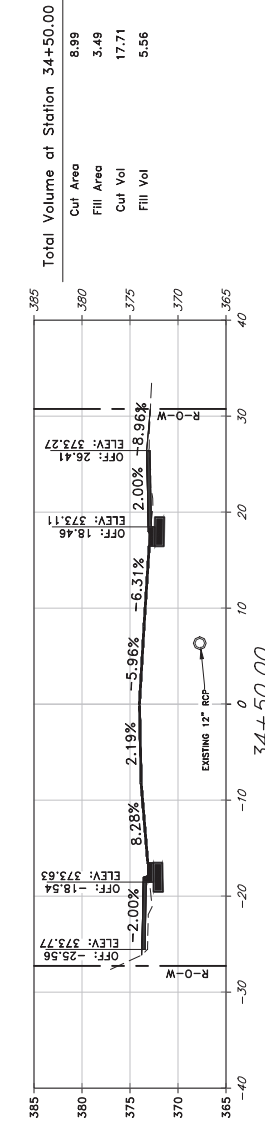
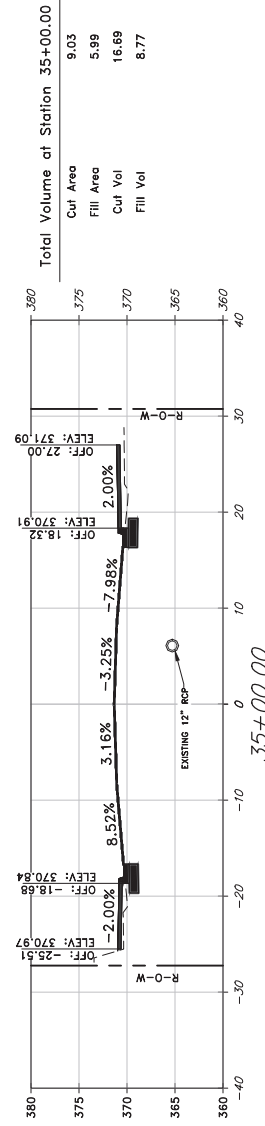
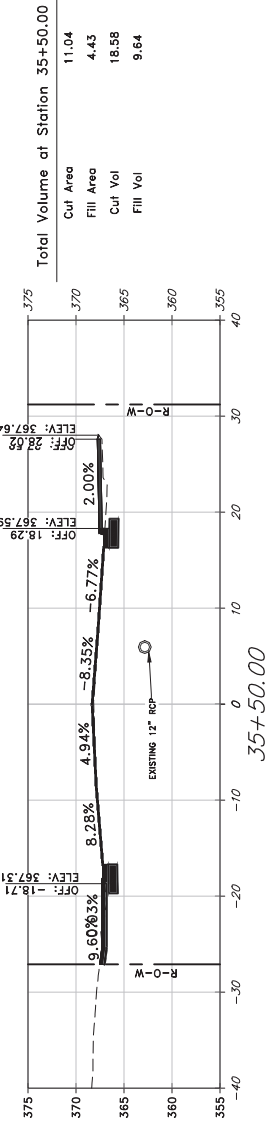
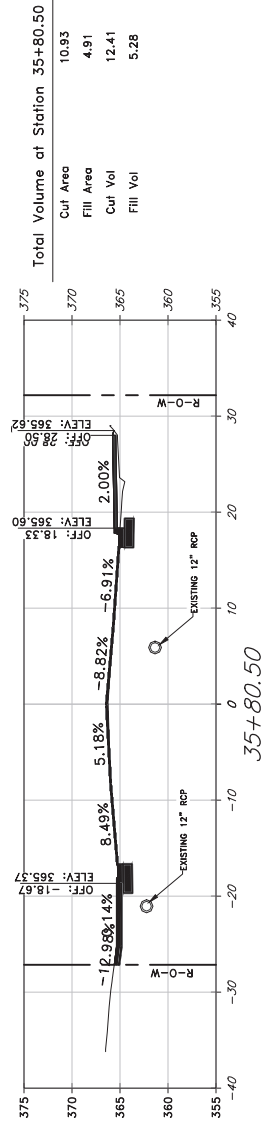
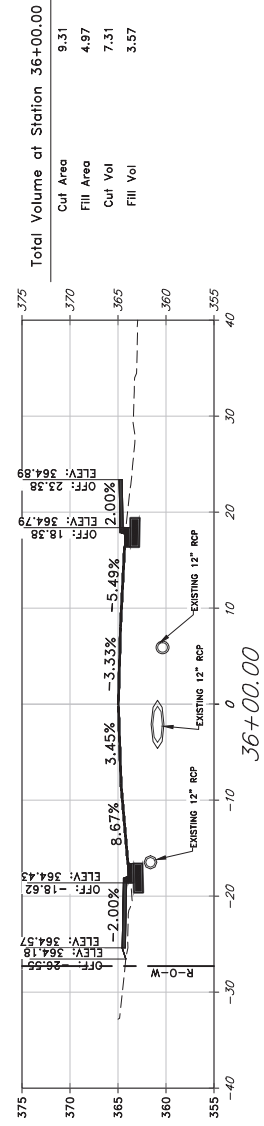
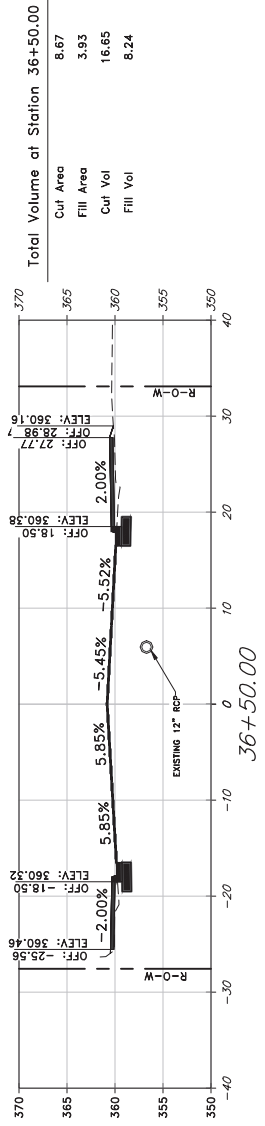
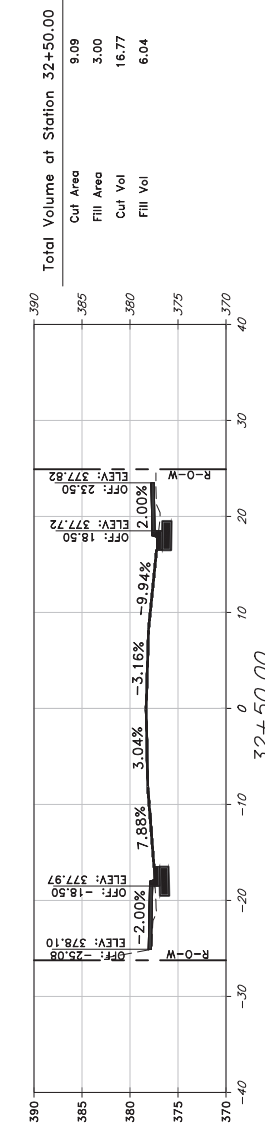
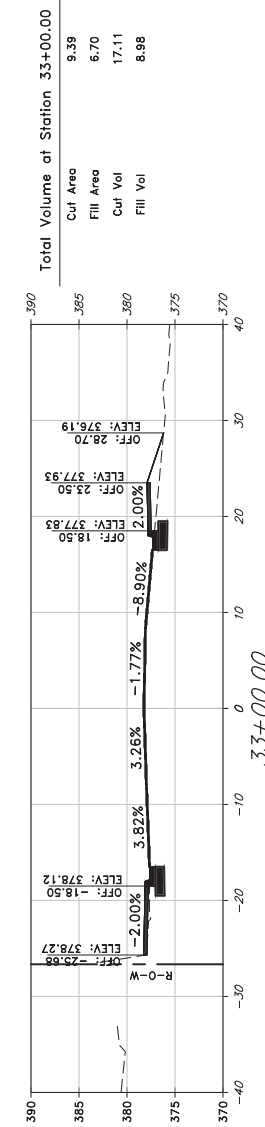
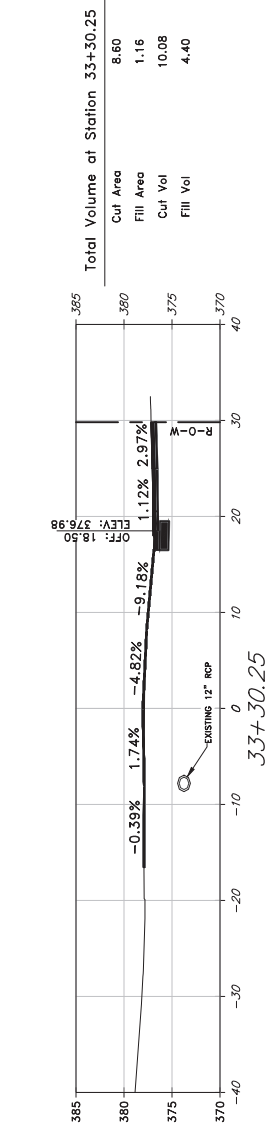
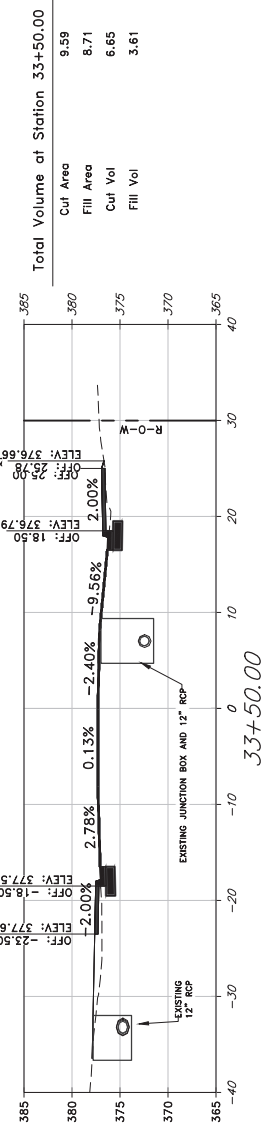
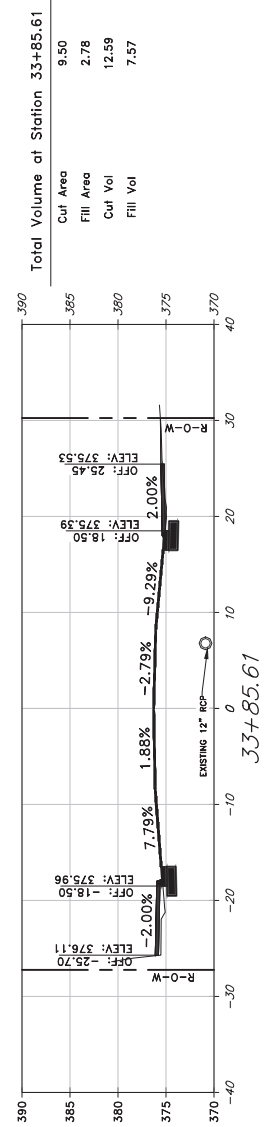
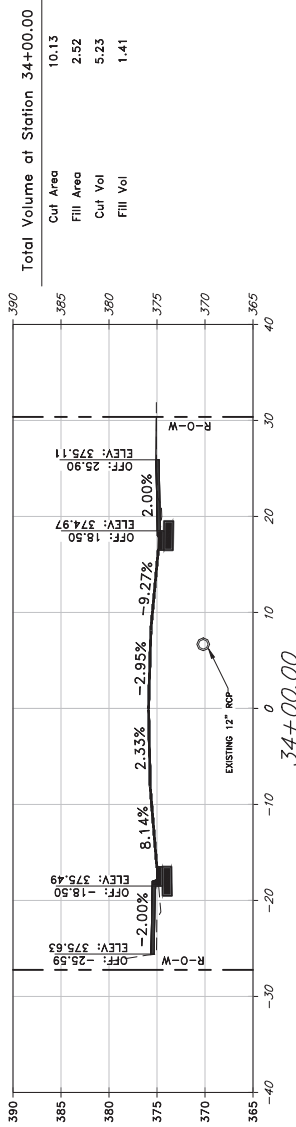
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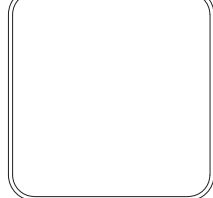


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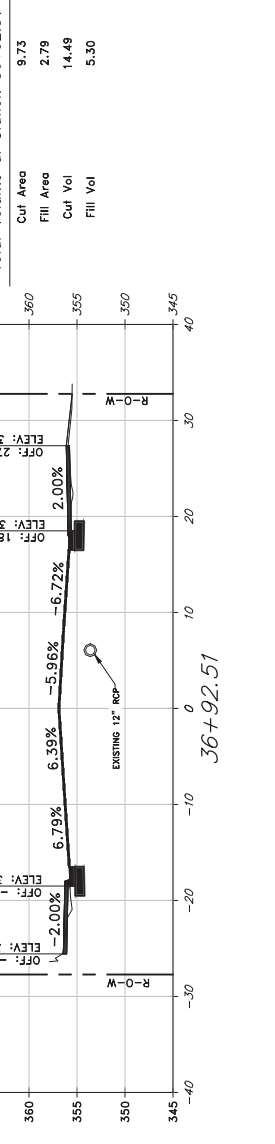
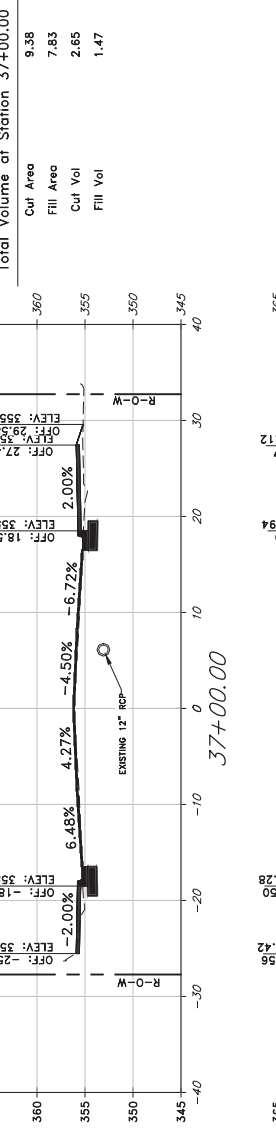
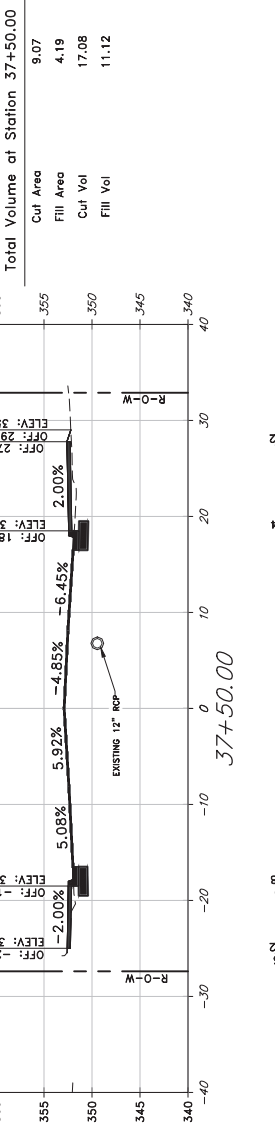
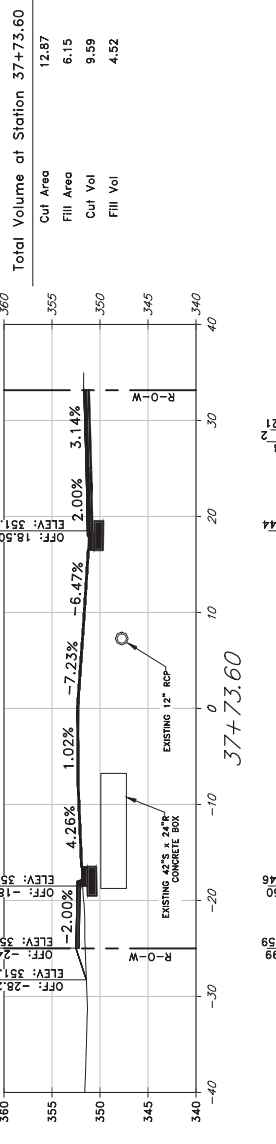
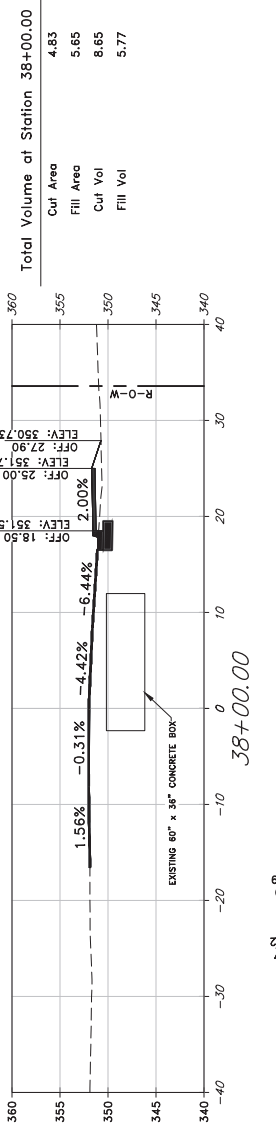
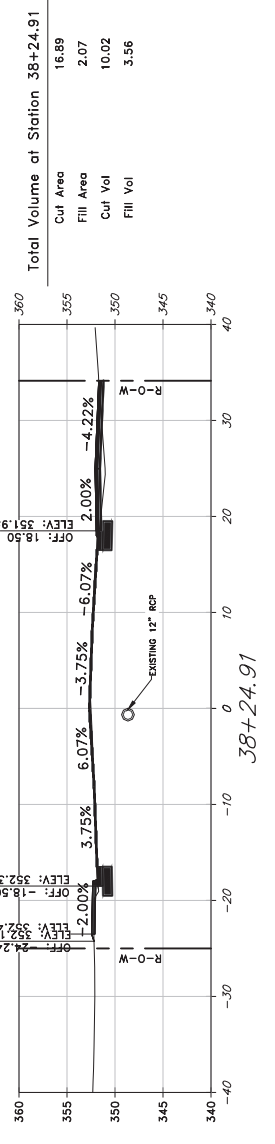
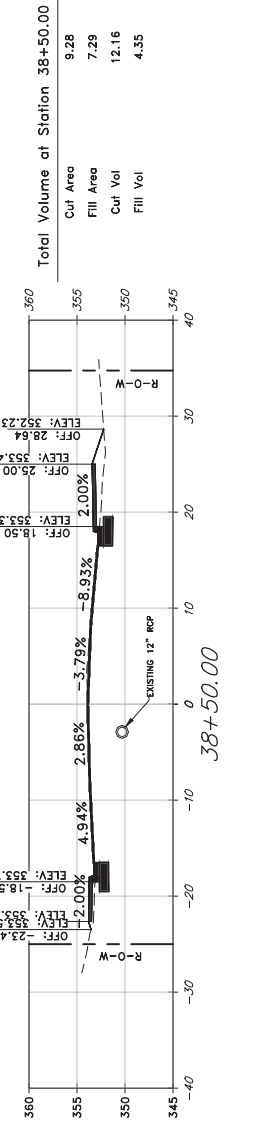
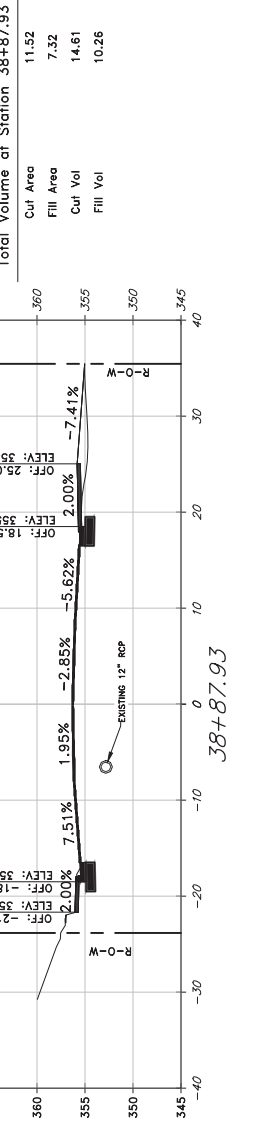
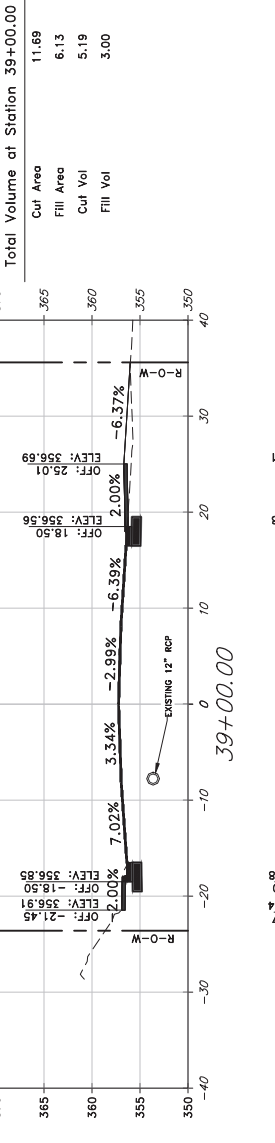
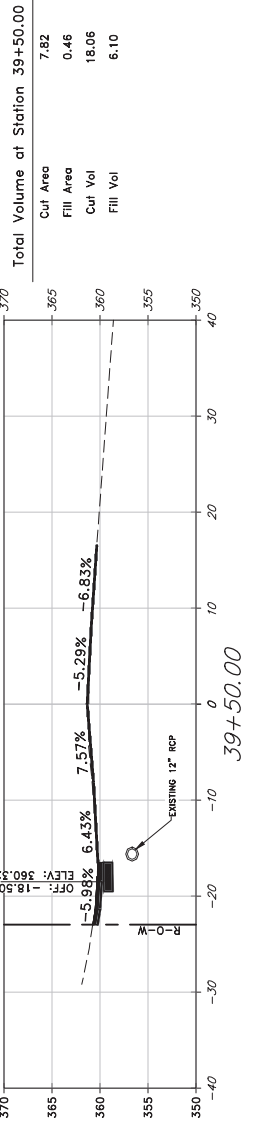
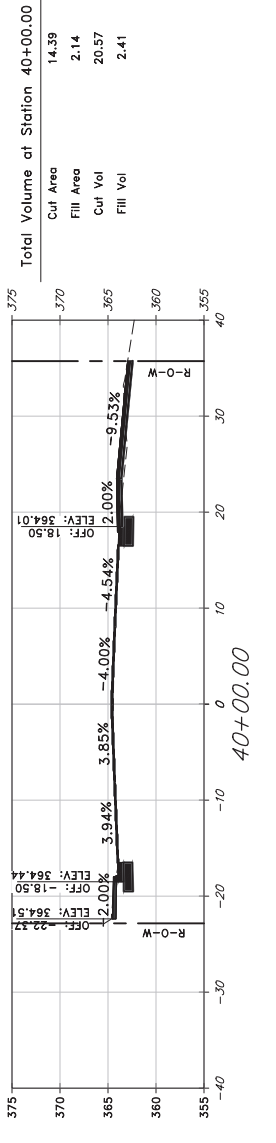
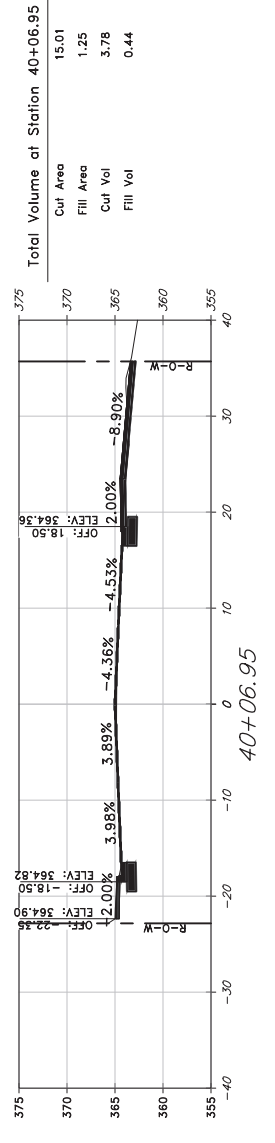
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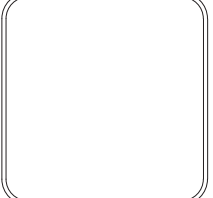
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DESIGNED	EH4
CHECKED	MK
DATE	APRIL 2022
SCALE	1:10
PROJECT NO.	CLR #7?
SHEET NO.	C38



REVISIONS	DATE

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