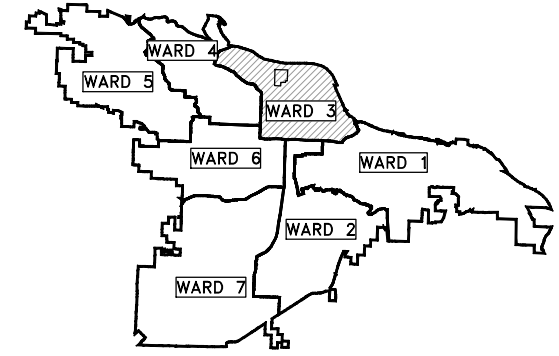


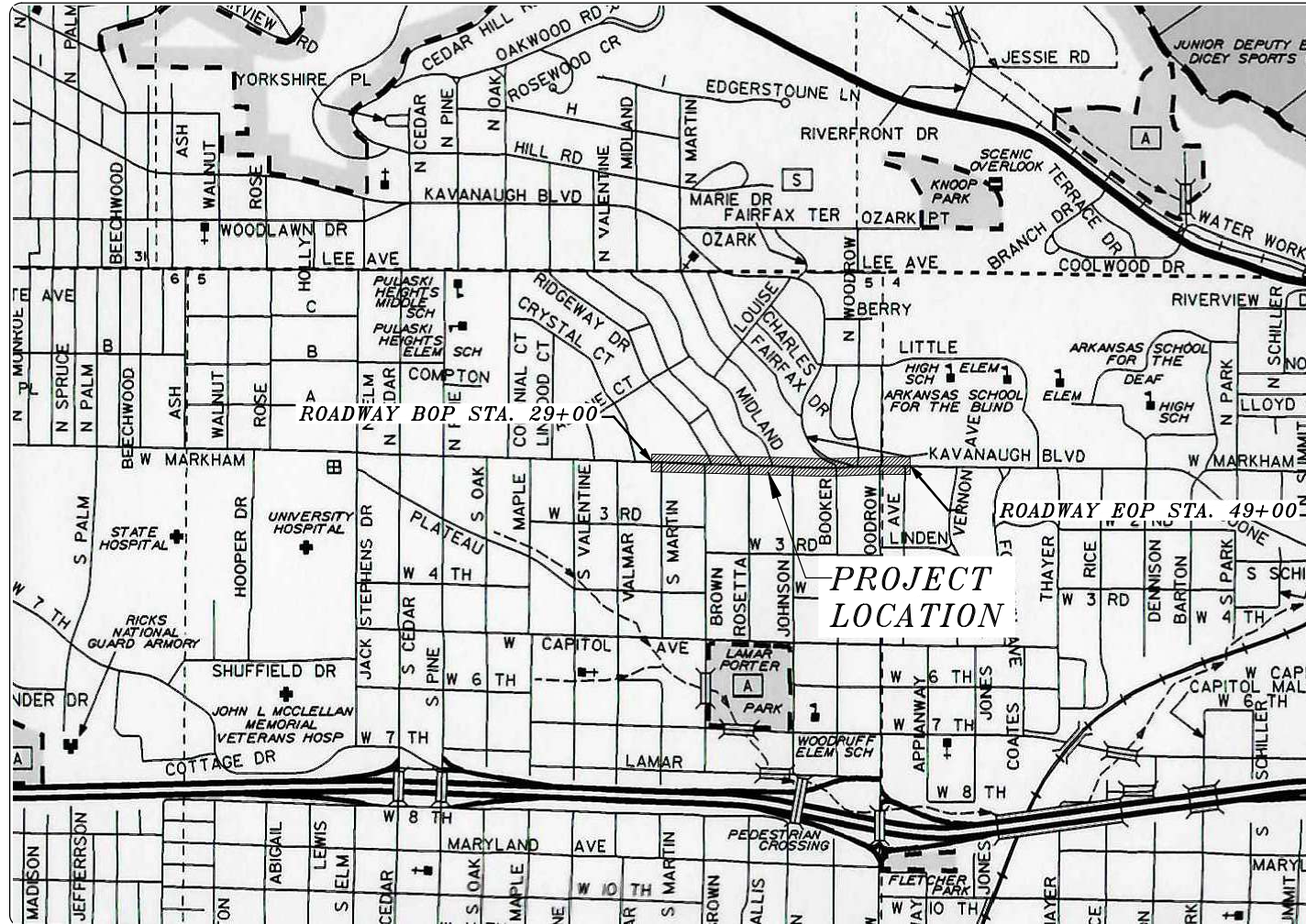
# JOB 061839

## PEARL AVE. - S. MARTIN ST. IMPVTS. (MARKHAM ST.) (LITTLE ROCK) (S)

### LITTLE ROCK, ARKANSAS



PROJECT LOCATION - WARD 3



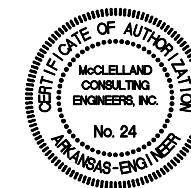
SHEET NO.	TITLE
C1	COVER SHEET
C2	LEGEND AND QUANTITIES
C3	TOPOGRAPHIC SURVEY
C4	TOPOGRAPHIC SURVEY
C5	TOPOGRAPHIC SURVEY
C6	TOPOGRAPHIC SURVEY
C7	PROJECT OVERVIEW
C8	TYPICAL SECTIONS
C9	TYPICAL SECTIONS
C10	SPECIAL DETAILS
C11	SPECIAL DETAILS
C12	PLAN AND PROFILE
C13	PLAN AND PROFILE
C14	PLAN AND PROFILE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



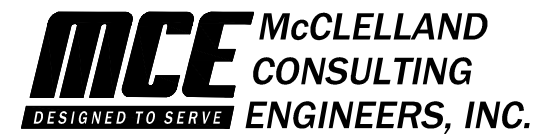
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100% SUBMITTAL SEPTEMBER 2024

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



Know what's below.  
Call before you dig.



7302 Kanis Rd.  
Little Rock, AR 72204  
PH# 501-371-0272

<http://www.mce.us.com>

REVISIONS	DATE

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

COVER



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



DRAWN BY	JJW
DESIGNED	ACP
CHECKED	WTC
DATE	9/27/2024
SCALE	NTS
PROJECT NO.	061839
SHEET NO.	C1

ITEM NO.	DESCRIPTION	UNIT	TOTAL QTY.
2.01	Site Preparation	LS	1
3.01	Unclassified Excavation (Plan Quantity)	CY	400
3.06	Compacted Embankment (Plan Quantity)	CY	100
4.01	Aggregate Base Course Cl. 7	TON	702
5.01	Tack Coat	GAL	696
6.01	ACHM Surface Course	TON	553
	Plugging Weep Holes (Estimated Quantity)	EA	61
7.06	Concrete Driveway Apron (6" Thick, Standard Finish)	SF	4,009
8.03	Type 1 Concrete Curb and Gutter	LF	3,700
	Type A Concrete Curb (CG-I)	LF	370
9.04	Concrete Sidewalk (4" Thick)	SF	13,730
10.07	Wing 6' Extension - Reconstruction	EA	4
10.10	Wing 10' Extension - Reconstruction	EA	1
10.80	Rebuild Inlet Top	EA	7
	Adjust Manhole to Grade	EA	6
	Concrete Island	SY	120
14.02	Solid Sodding, Bermuda	SY	725
14.02	Topsail	CY	7
16.01	Maintenance of Traffic	LS	1
	Retaining Wall (S-2)	LF	215
18.40	Handrail	LF	8
18.50	Access Ramp	SF	1,475
18.55	Water for Dust Control	GAL	10,000
	4" Irrigation Sleeves	LF	275
19.01	Final Cleanup	LS	1
24.06	Sediment Barrier, Silt Fence (SD1)	EA	6
24.11	Silt Fence - (SF-A)	LF	2,088
27.01	Cold Milling Asphalt Pavement	SY	4,096
719.04 W	Thermoplastic Pavement Marking White (4")	LF	1,360
719.04 Y	Thermoplastic Pavement Marking Yellow (4")	LF	2,732
719.12 W	Thermoplastic Pavement Marking White (12")	LF	560
719.60	Thermoplastic Pavement Marking (Arows)	EA	2
	Signage	LS	1
	Remove and Relocate Pedestrian Pcle	LS	1
	Rectangular Rapid Flashing Beacons (RRFB)	LS	1
	Concrete Steps	SY	2

**PAY ITEM NOTES:**

CONTRACTOR WILL BE RESPONSIBLE FOR STAKING OF THE WHOLE PROJECT.

NO ELECTRONIC CAD OR SURFACE FILES WILL BE PROVIDED FOR EXISTING OR PROPOSED FEATURES THROUGHOUT THE CORRIDOR.

EARTHWORK QUANTITIES ARE TO BE PAID PER PLAN QUANTITIES ONLY.

PLUGGING WEEP HOLES PAY ITEM SHALL INCLUDE MATERIAL APPROVED VIA SUBMITTAL AND ANY NEW WEEPS.

RECTANGULAR RAPID FLASHING BEACON (RRFB) PAY ITEM TO INCLUDE SOLAR POWER COMPONENTS. THE LUMP SUM INCLUDES ALL COMPONENTS, INCLUDING POSTS, SIGNAGE, LIGHTS, PUSH BUTTONS, POLES, WIRES, ETC.

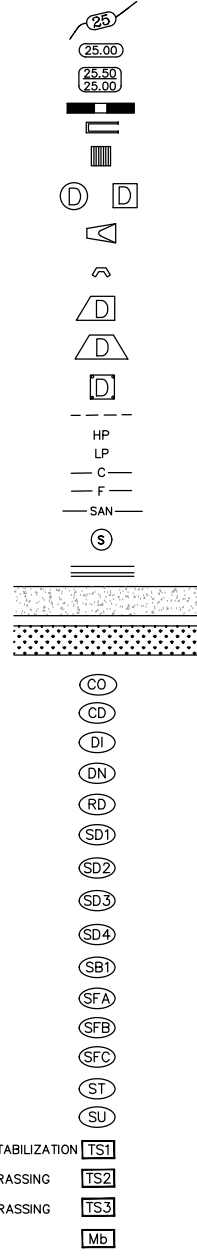
**EXISTING**

- 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**

- 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
- PROPOSED BERMUDA SOD
- 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. STIFFT STATION  
 SIDEWALK IMPROVEMENTS PH I  
 LEGEND

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

STATE OF ARKANSAS  
 LICENSED PROFESSIONAL ENGINEER  
 Taylor Clark  
 No. 18021  
 TAYLOR CLARK  
 10-11-24

DRAWN BY  
**JJW**  
 DESIGNED  
**ACP**  
 CHECKED  
**WTC**  
 DATE  
**9/27/2024**  
 SCALE  
**NTS**  
 PROJECT NO.  
**061839**  
 SHEET NO.  
**C2**

**SURVEYOR'S NOTES:**

CONTRACTOR WILL BE RESPONSIBLE FOR STAKING OF WHOLE PROJECT.

NO ELECTRONIC CAD OR SURFACE FILES WILL BE PROVIDED FOR EXISTING OR PROPOSED FEATURES THROUGHOUT THE CORRIDOR.

HORIZONTAL COORDINATES FOR THIS PROJECT ARE ARKANSAS STATE PLANE NORTH ZONE AND ELEVATIONS ARE NAVD88 BASED ON THE P.A.G.I.S. REFERENCE STATION.

CONTOUR INTERVAL = 1 FOOT.

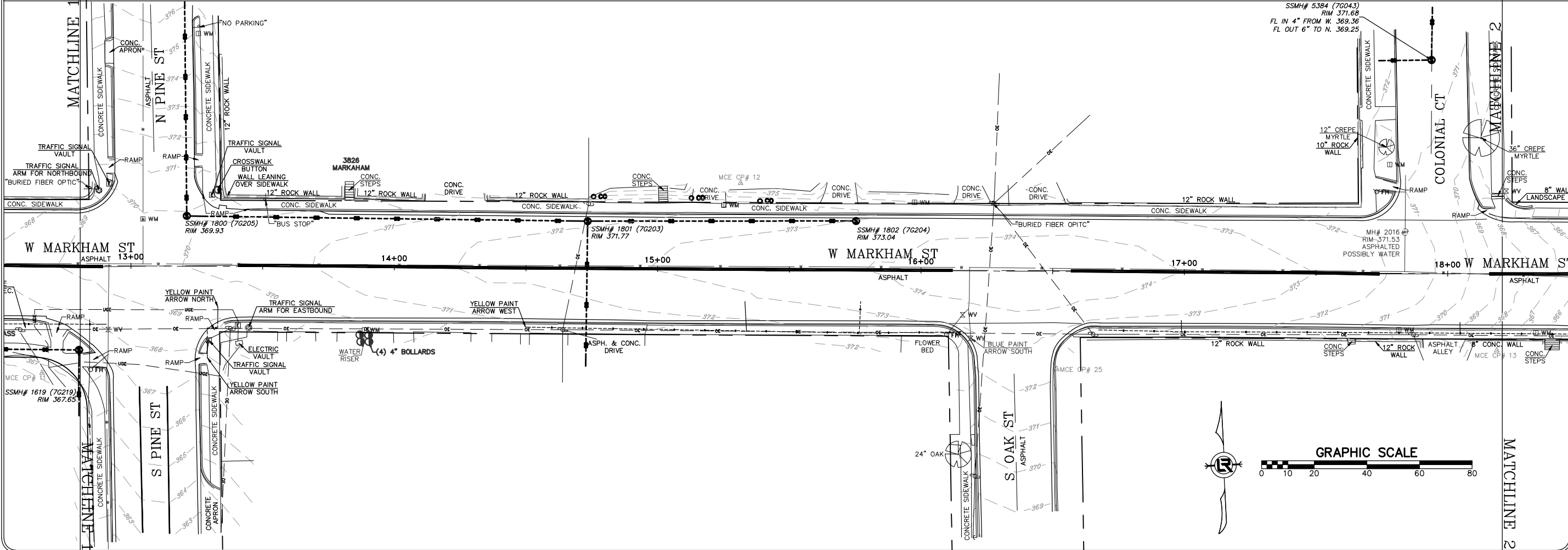
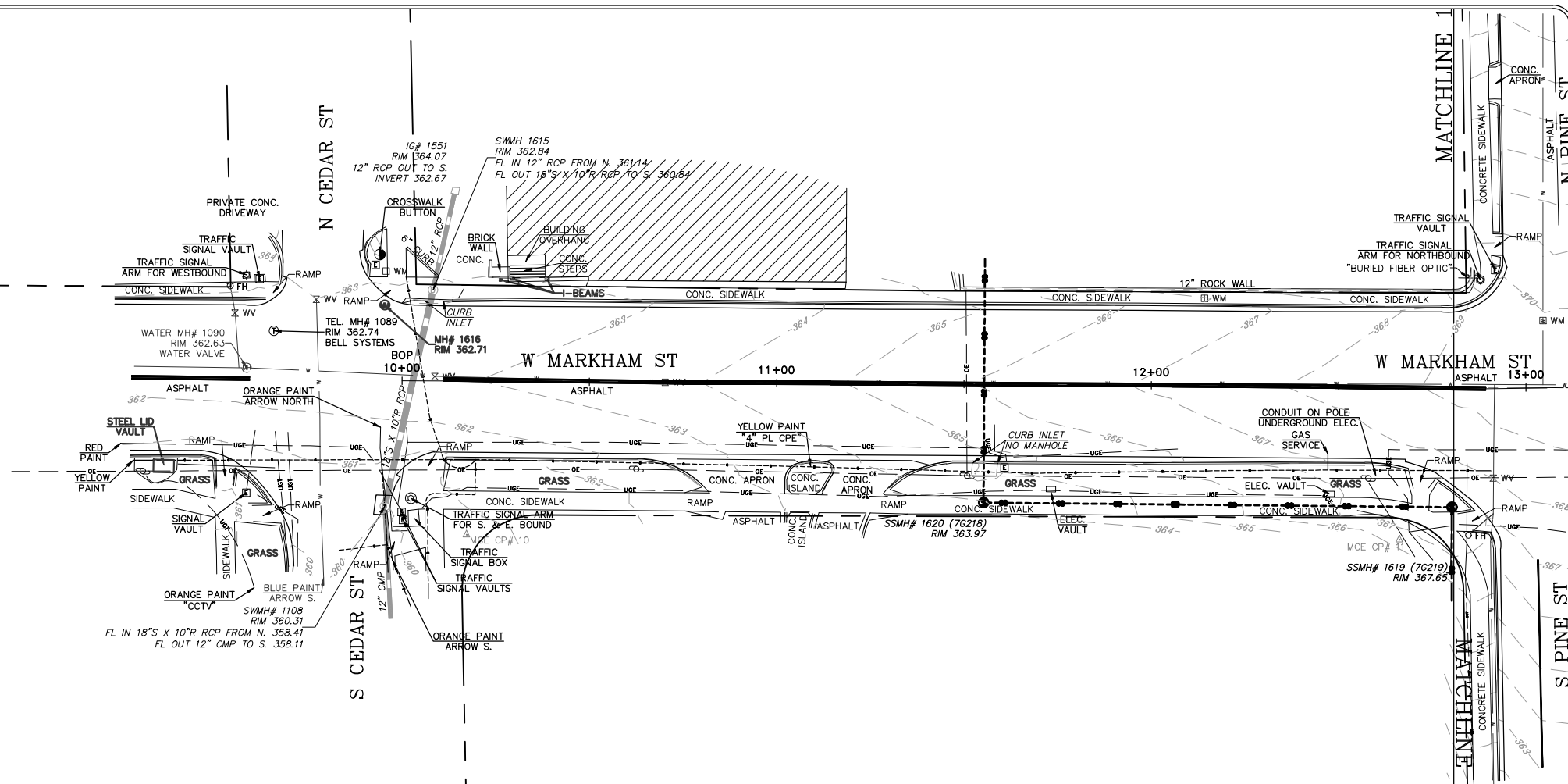
THIS IS A TOPOGRAPHIC SURVEY ONLY AND IN NO WAY SHOULD BE INTERPRETED AS A PROPERTY BOUNDARY SURVEY. ANY PROPERTY LINES SHOWN ARE FOR REFERENCE ONLY AND HAVE NOT BEEN VERIFIED.

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 UNDERGROUND AND SUBSURFACE FEATURES TO THE BEST OF THEIR KNOWLEDGE AND ABILITY. 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 THE PULASKI AREA GIS ONLINE MAPPING WATER / WASTEWATER APPLICATION AND ARE CONNECTED AS SHOWN BY SAID VISUAL INSPECTION & MAPPING APPLICATION. WATER LINE LOCATIONS ARE SHOWN BASED ON VISUAL INSPECTION OF SURFACE FEATURES & THE 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 AND ARE CONNECTED AS SHOWN BY SAID MAPPING APPLICATION. McCLELLAND CONSULTING ENGINEERS MAKES NO STATEMENT AS TO THE COMPLETENESS NOR ACCURACY OF THIS INFORMATION.

CONTROL DATA				
Point #	Northing	Easting	Elevation	Description
10	152279.6320	1216999.3680	360.58	1/2" REBAR & MCE CAP
11	152265.2550	1217247.9590	366.69	60D NAIL & SHINER
12	152323.3910	1217516.6550	376.16	60D NAIL & SHINER
13	152244.8390	1217800.0820	372.06	60D NAIL & SHINER
14	152233.9910	1218061.7060	355.32	60D NAIL & SHINER
15	152266.7810	1218405.6890	372.04	60D NAIL & SHINER
16	152201.5720	1218577.8700	368.64	60D NAIL & SHINER
17	152235.8000	1218928.5420	370.58	60D NAIL & SHINER
18	152156.4060	1219296.1440	377.30	60D NAIL & SHINER
19	152188.8610	1219693.8670	354.17	60D NAIL
20	152119.4490	1219898.2990	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	60D NAIL & SHINER
124	152162.2000	1220892.0830	360.55	60D NAIL & SHINER



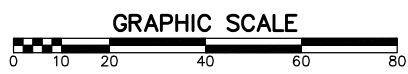
REVISIONS	DATE

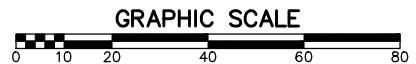
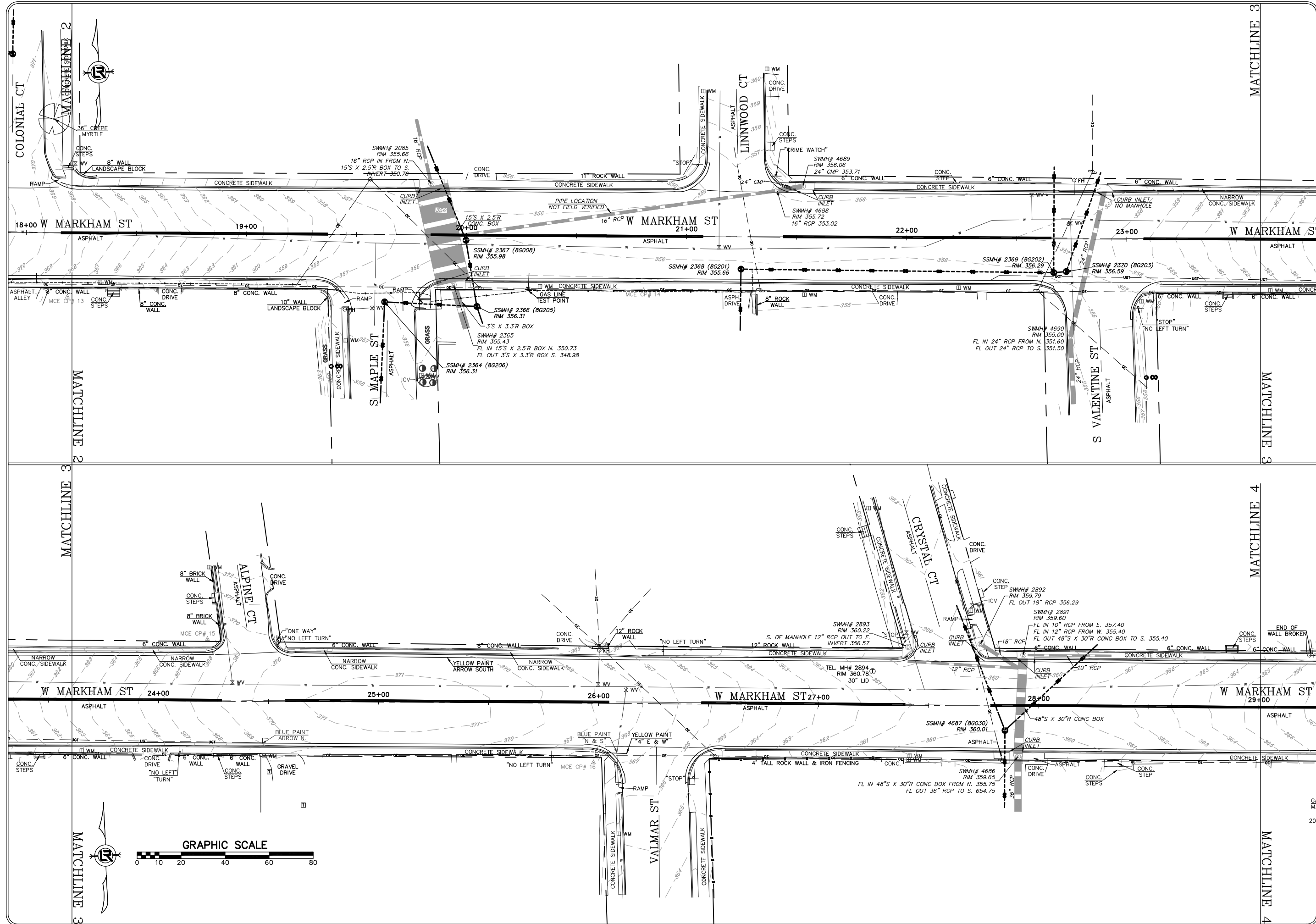
CITY OF LITTLE ROCK, ARKANSAS  
 MARKHAM ST. STIFFT STATION  
 SIDEWALK IMPROVEMENTS PH I  
 TOPOGRAPHIC SURVEY (SHEET 1 OF 4)

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

STATE OF ARKANSAS  
 LICENSED PROFESSIONAL ENGINEER  
 Taylor Clark  
 No. 18021  
 10-11-24

DRAWN BY  
 JDM  
 DESIGNED  
 NA  
 CHECKED  
 KLS  
 DATE  
 9/27/2024  
 SCALE  
 1" = 20'  
 PROJECT NO.  
 061839  
 SHEET NO.  
**C3**





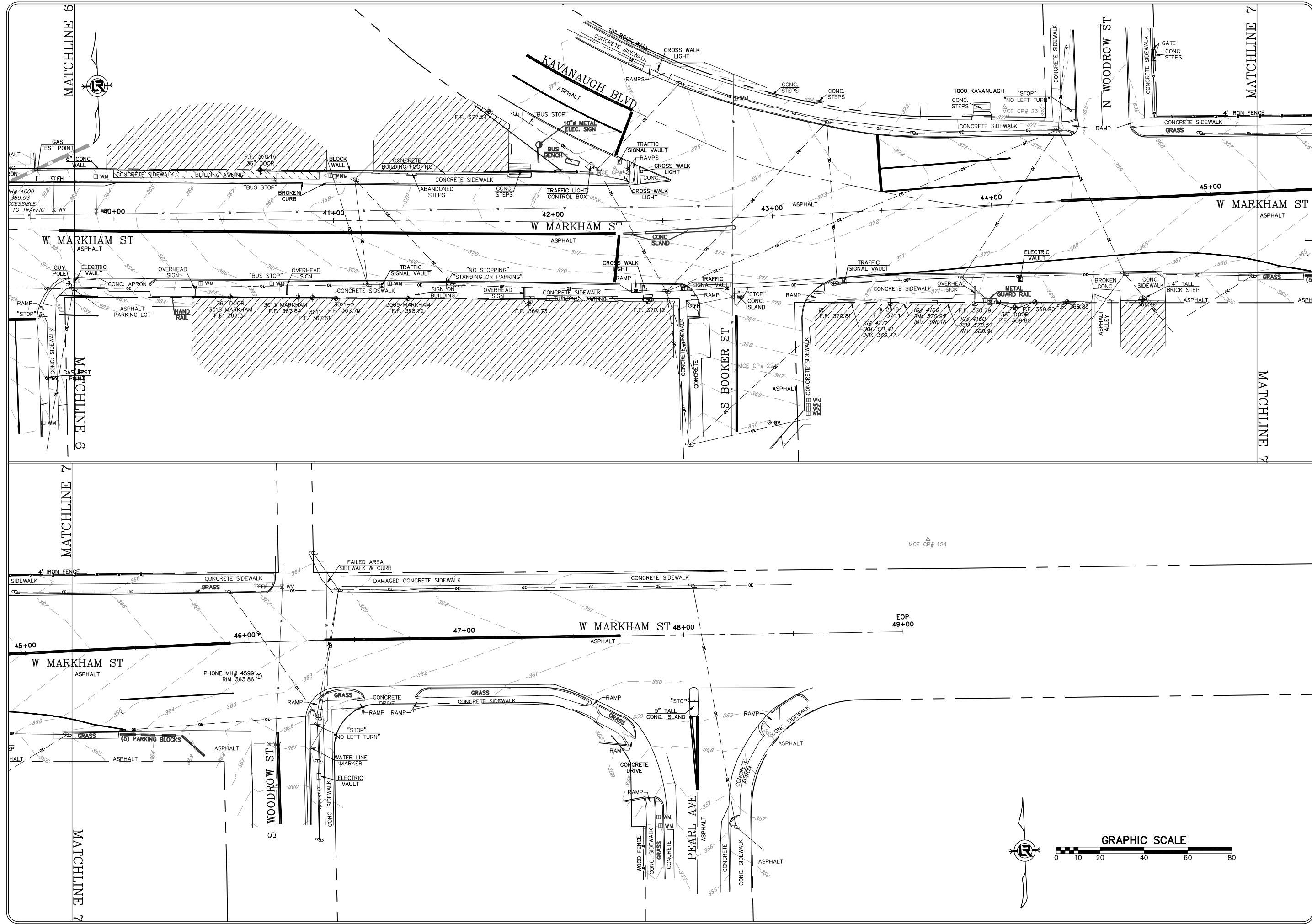
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
 MARKHAM ST. STIFF STATION  
 SIDEWALK IMPROVEMENTS  
 TOPOGRAPHIC SURVEY (SHEET 2 OF 4)

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


STATE OF ARKANSAS  
 LICENSED PROFESSIONAL ENGINEER  
 Taylor Clark  
 No. 18021  
 10-11-24

DRAWN BY	JDM
DESIGNED	NA
CHECKED	KLS
DATE	9/27/2024
SCALE	1" = 20'
PROJECT NO.	061839
SHEET NO.	C4



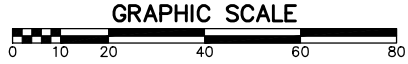
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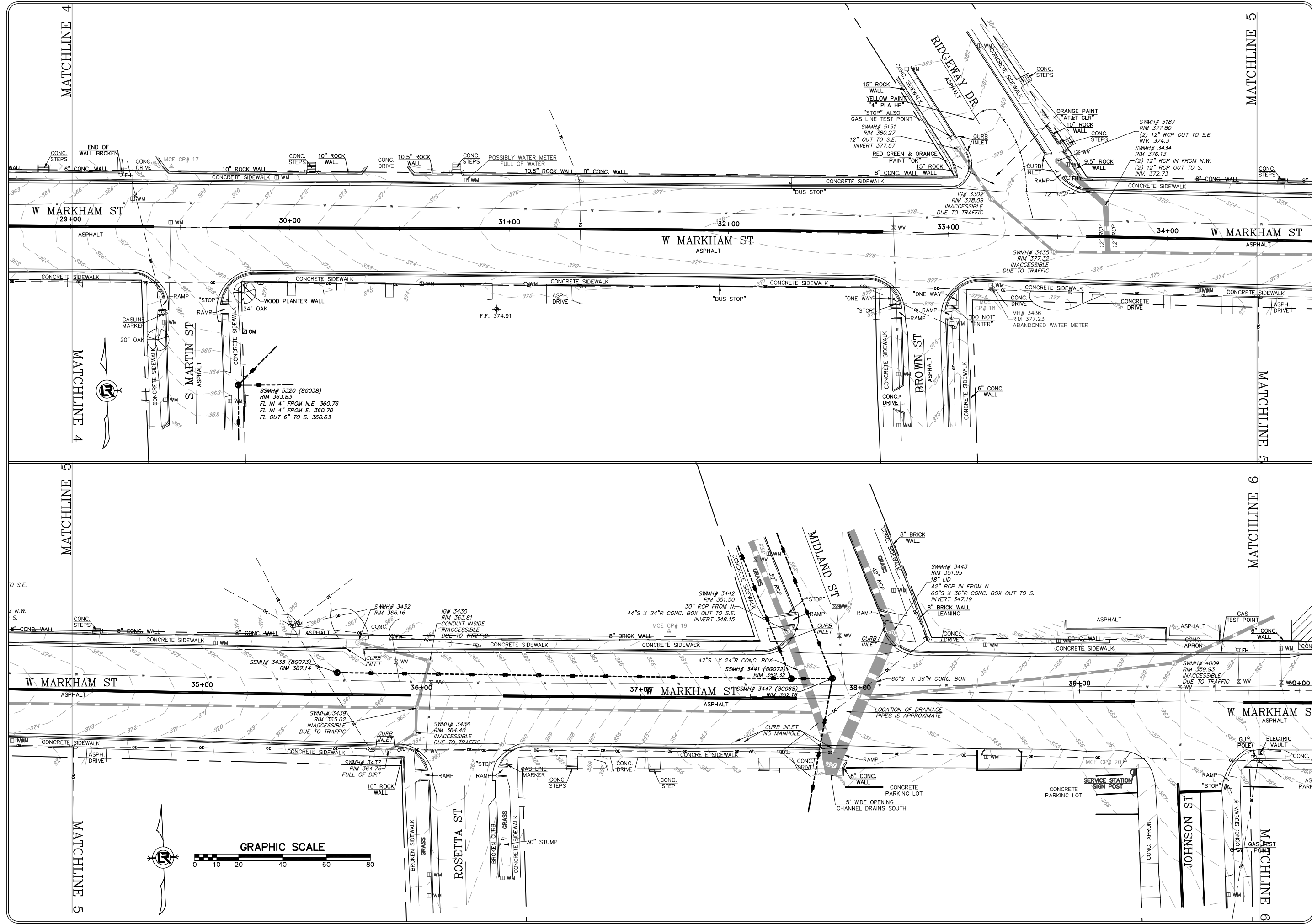
**CITY OF LITTLE ROCK, ARKANSAS**  
**MARKHAM ST. STIFF STATION**  
**SIDEWALK IMPROVEMENTS**  
 TOPOGRAPHIC SURVEY (SHEET 3 OF 4)

  
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 CIVIL ENGINEERING  
 701 W. MARKHAM  
 LITTLE ROCK, ARKANSAS 72201

  
 TAYLOR CLARK  
 10-11-24

DRAWN BY  
**JDM**  
 DESIGNED  
**NA**  
 CHECKED  
**KLS**  
 DATE  
**9/27/2024**  
 SCALE  
**1" = 20'**  
 PROJECT NO.  
**061839**  
 SHEET NO.  
**C5**





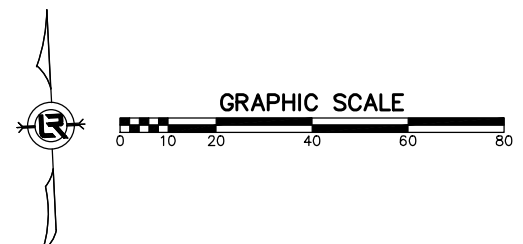
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
 MARKHAM ST. STIFF STATION  
 SIDEWALK IMPROVEMENTS  
 TOPOGRAPHIC SURVEY (SHEET 4 OF 4)

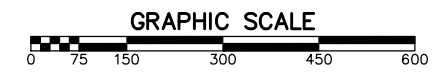
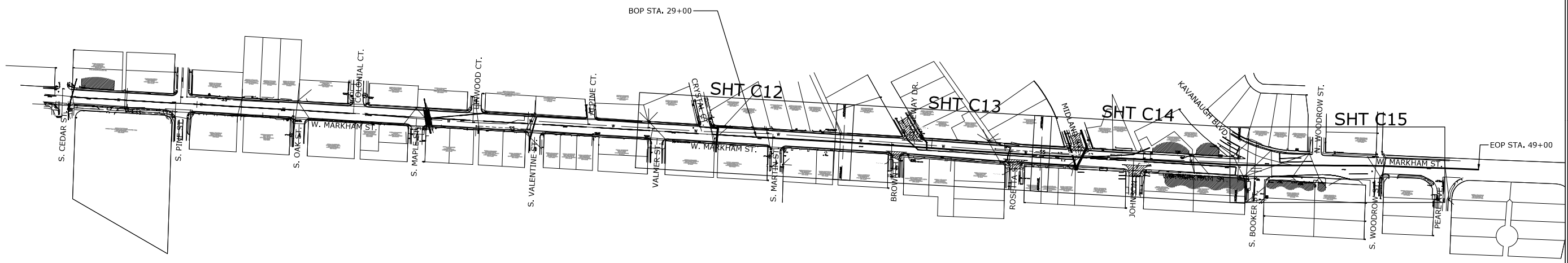
DEPARTMENT OF PUBLIC WORKS  
 CIVIL ENGINEERING  
 701 W. MARKHAM  
 LITTLE ROCK, ARKANSAS 72201

STATE OF ARKANSAS  
 LICENSED PROFESSIONAL ENGINEER  
*Jayla Clark*  
 No. 18021  
 TAYLOR CLARK  
 10-11-24

DRAWN BY  
 JDM  
 DESIGNED  
 NA  
 CHECKED  
 KLS  
 DATE  
 9/27/2024  
 SCALE  
 1" = 20'  
 PROJECT NO.  
 061839  
 SHEET NO.  
**C6**



W:\2019\19-5815-Little Rock Markham St. Stiff Station Sidewalk Improvements\Design Drawings\Civil\Phase 1\19-5815-PLAN & PROFILE.dwg 9/27/24 at 10:50am



REVISIONS	DATE

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

PROJECT OVERVIEW



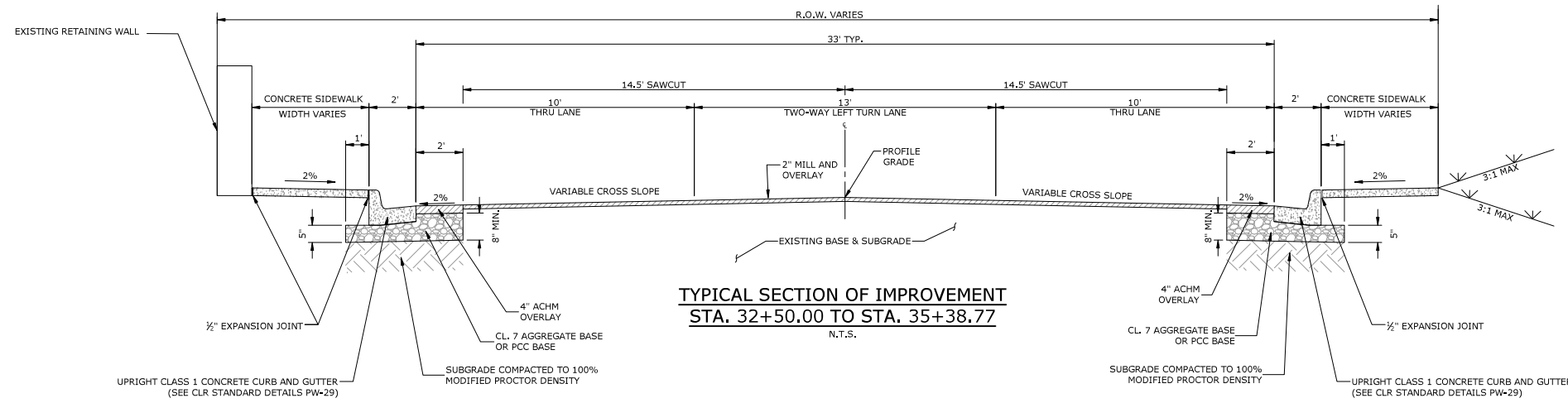
DEPARTMENT OF PUBLIC WORKS  
 CIVIL ENGINEERING  
 701 W. MARKHAM  
 LITTLE ROCK, ARKANSAS 72201



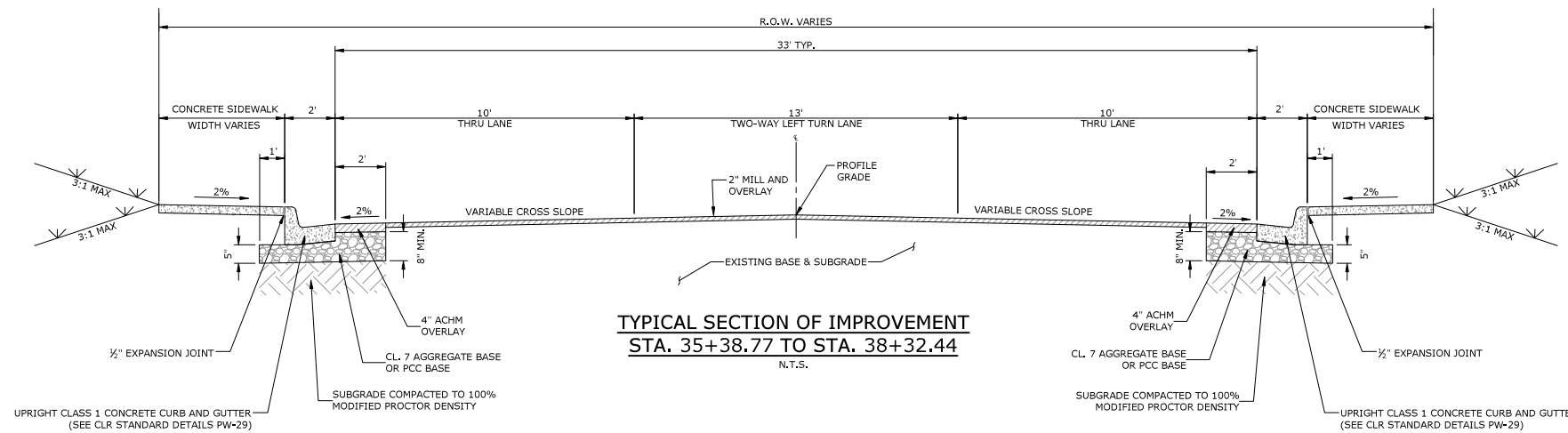
DRAWN BY JJW
DESIGNED ACP
CHECKED WTC
DATE 9/27/2024
SCALE 1"=150'
PROJECT NO. 061839
SHEET NO. <b>C7</b>

REVISIONS	DATE

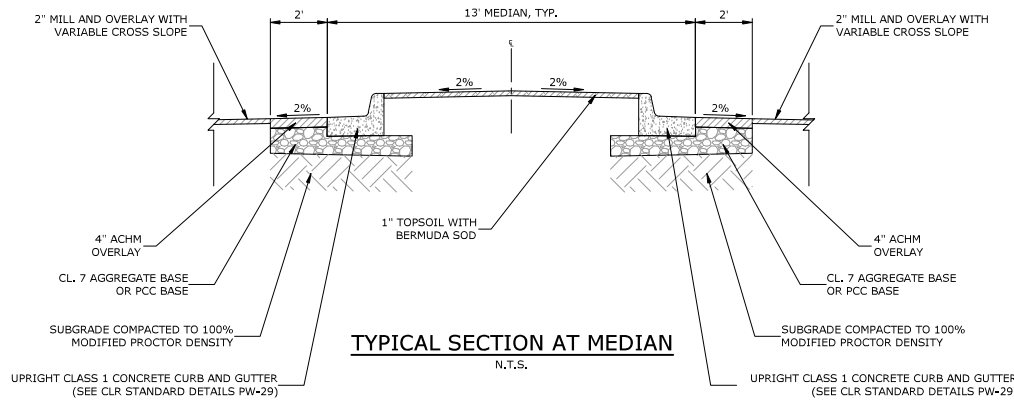
CITY OF LITTLE ROCK, ARKANSAS  
 MARKHAM ST. STIFF STATION  
 SIDEWALK IMPROVEMENTS PH I  
 TYPICAL SECTION (SHEET 1 OF 2)



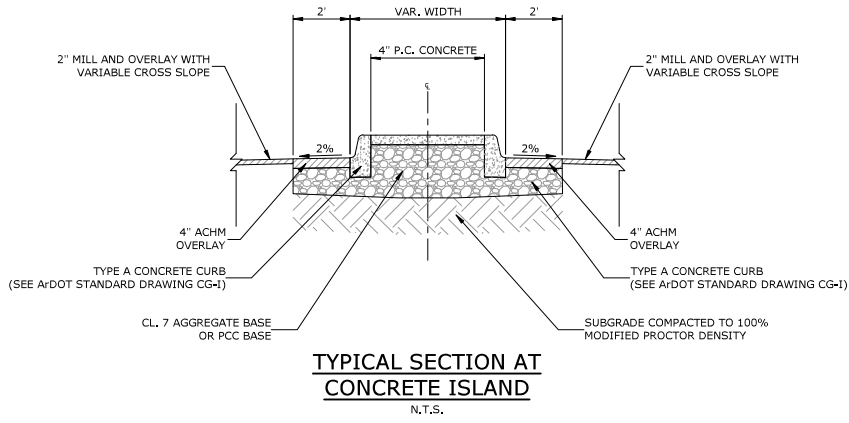
**TYPICAL SECTION OF IMPROVEMENT**  
 STA. 32+50.00 TO STA. 35+38.77  
 N.T.S.



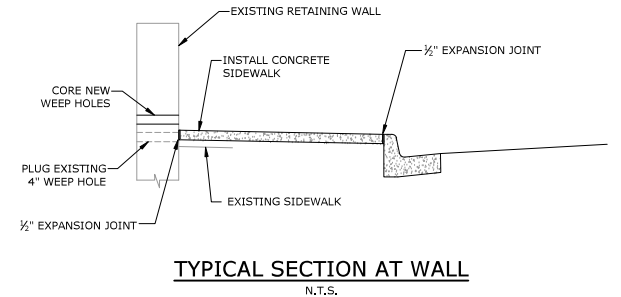
**TYPICAL SECTION OF IMPROVEMENT**  
 STA. 35+38.77 TO STA. 38+32.44  
 N.T.S.



**TYPICAL SECTION AT MEDIAN**  
 N.T.S.



**TYPICAL SECTION AT CONCRETE ISLAND**  
 N.T.S.



**TYPICAL SECTION AT WALL**  
 N.T.S.

**TYPICAL SECTION GENERAL NOTES**

- PRIOR TO AND DURING PLACEMENT OF PAVEMENT IN FRONT OF THE CURB AND GUTTER, THE CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AT ALL TIMES. THE METHOD(S) USED SHALL BE APPROVED BY THE ENGINEER. PAYMENT FOR THIS WORK SHALL BE CONSIDERED INCLUDED IN THE PRICE BID FOR THE VARIOUS CONTRACT ITEMS.
- REFER TO CROSS SECTIONS FOR DEVIATIONS FROM NORMAL SLOPES. NO CHANGES SHALL BE MADE FROM THE PLANNED SLOPES WITHOUT THE APPROVAL OF THE ENGINEER.
- THE THICKNESS OF AGGREGATE BASE COURSE SHALL BE WITHIN PLUS OR MINUS ONE INCH OF THE PLAN THICKNESS SHOWN. THE CONTRACTOR WILL CORRECT ANY DEFICIENT THICKNESS THAT DOES NOT MEET TOLERANCE INDICATED. PAYMENT WILL NOT BE MADE FOR MATERIAL PLACED IN EXCESS OF TOLERANCE INDICATED.
- PRIOR TO PLACEMENT OF THE SIDEWALK IN FRONT OF THE EXISTING RETAINING WALLS, CONTRACTOR WILL PLUG ALL WEEP HOLES TO BE OBSTRUCTED BY THE NEW SIDEWALK AND CORE NEW WEEP HOLES INTO THE RETAINING WALL.

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

STATE OF ARKANSAS  
 LICENSED PROFESSIONAL ENGINEER  
 Taylor Clark  
 No. 18021  
 10-11-24

DRAWN BY  
 JJW  
 DESIGNED  
 ACP  
 CHECKED  
 WTC  
 DATE  
 9/27/2024  
 SCALE  
 N.T.S.  
 PROJECT NO.  
 061839  
 SHEET NO.  
 C8

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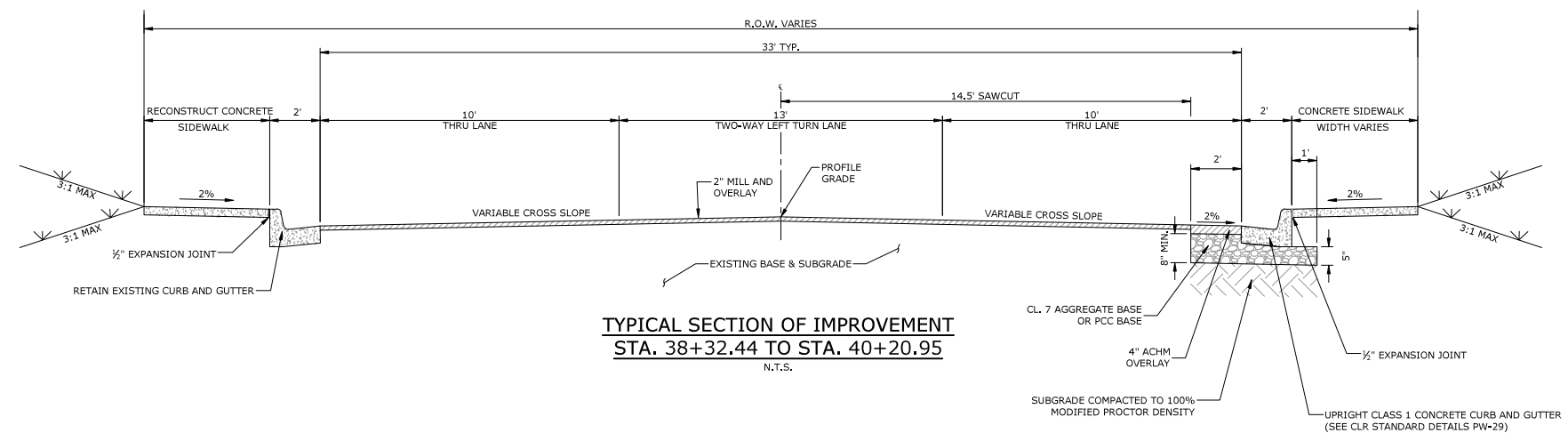
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
 MARKHAM ST. STIFF STATION  
 SIDEWALK IMPROVEMENTS PH I  
 TYPICAL SECTION (SHEET 2 OF 2)

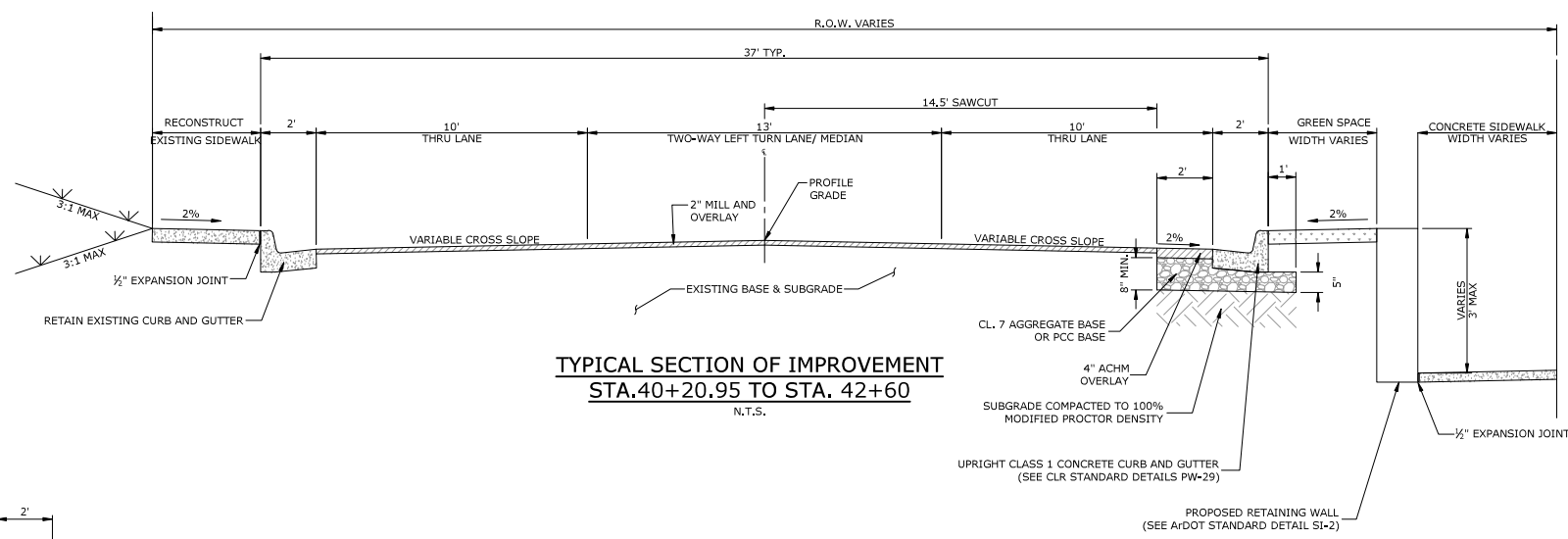
DEPARTMENT OF PUBLIC WORKS  
 CIVIL ENGINEERING  
 701 W. MARKHAM  
 LITTLE ROCK, ARKANSAS 72201

STATE OF ARKANSAS  
 LICENSED PROFESSIONAL ENGINEER  
 No. 18021  
 TAYLOR CLARK  
 10-11-24

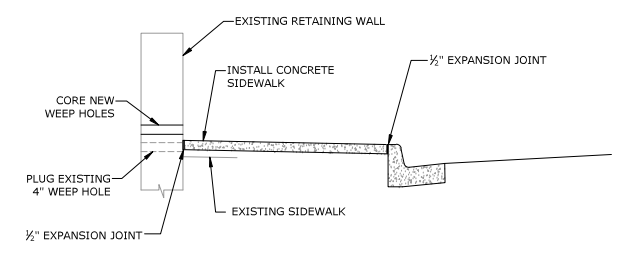
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 9/27/2024  
 SCALE  
 N.T.S.  
 PROJECT NO.  
 061839  
 SHEET NO.  
 C9



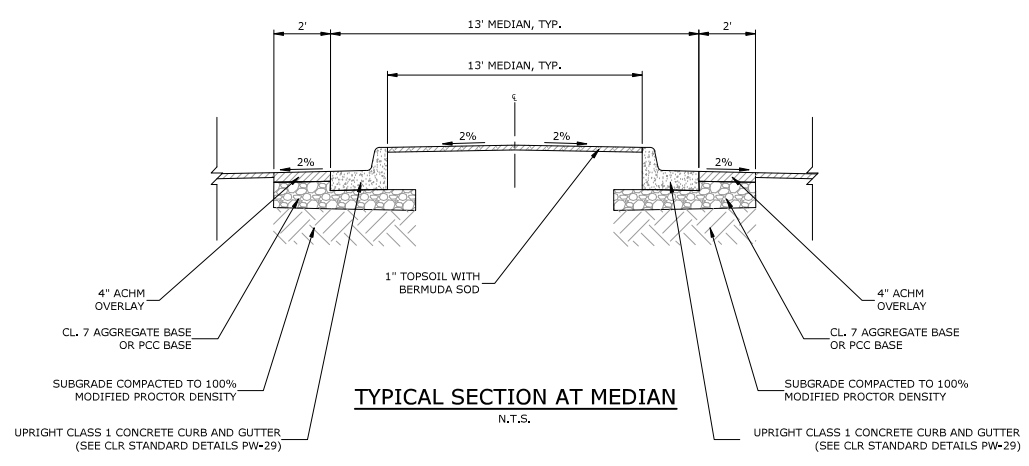
TYPICAL SECTION OF IMPROVEMENT  
 STA. 38+32.44 TO STA. 40+20.95  
 N.T.S.



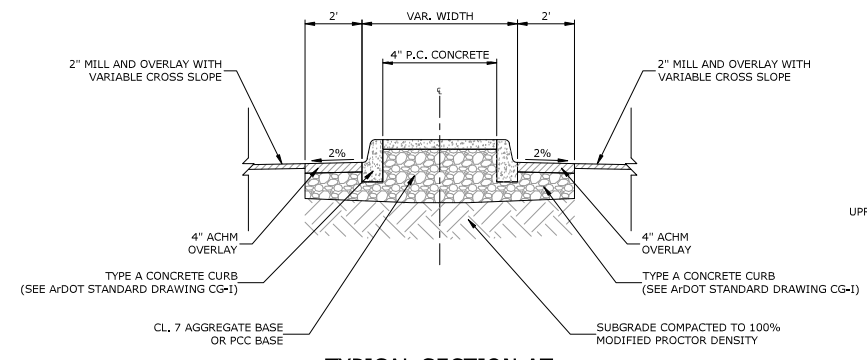
TYPICAL SECTION OF IMPROVEMENT  
 STA. 40+20.95 TO STA. 42+60  
 N.T.S.



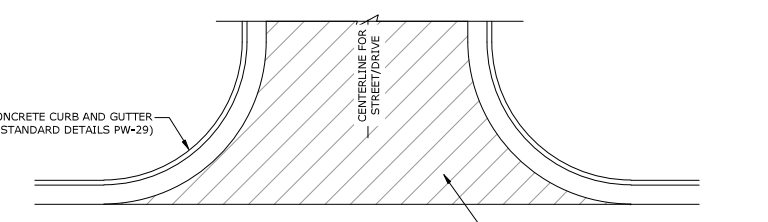
TYPICAL SECTION AT WALL  
 N.T.S.



TYPICAL SECTION AT MEDIAN  
 N.T.S.



TYPICAL SECTION AT  
 CONCRETE ISLAND  
 N.T.S.



COLD MILLING  
 SIDE STREET DETAIL  
 N.T.S.

TYPICAL SECTION GENERAL NOTES

- PRIOR TO AND DURING PLACEMENT OF PAVEMENT IN FRONT OF THE CURB AND GUTTER, THE CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AT ALL TIMES. THE METHOD(S) USED SHALL BE APPROVED BY THE ENGINEER. PAYMENT FOR THIS WORK SHALL BE CONSIDERED INCLUDED IN THE PRICE BID FOR THE VARIOUS CONTRACT ITEMS.
- REFER TO CROSS SECTIONS FOR DEVIATIONS FROM NORMAL SLOPES. NO CHANGES SHALL BE MADE FROM THE PLANNED SLOPES WITHOUT THE APPROVAL OF THE ENGINEER.
- THE THICKNESS OF AGGREGATE BASE COURSE SHALL BE WITHIN PLUS OR MINUS ONE INCH OF THE PLAN THICKNESS SHOWN. THE CONTRACTOR WILL CORRECT ANY DEFICIENT THICKNESS THAT DOES NOT MEET TOLERANCE INDICATED. PAYMENT WILL NOT BE MADE FOR MATERIAL PLACED IN EXCESS OF TOLERANCE INDICATED.
- PRIOR TO PLACEMENT OF THE SIDEWALK IN FRONT OF THE EXISTING RETAINING WALLS, CONTRACTOR WILL PLUG ALL WEEP HOLES TO BE OBSTRUCTED BY THE NEW SIDEWALK AND CORE NEW WEEP HOLES INTO THE RETAINING WALL AS NEEDED.

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REVISIONS	DATE

LANDSCAPED CURB ISLAND POINT TABLE (BOX 2 OF 5)

POINT	STATION	OFFSET
1	41+08.82	5.50' RT
2	42+80.98	5.50' RT
3	42+80.98	5.50' LT.
4	41+39.59	5.50' LT.
5	41+23.05	3.70' LT
6	41+08.18	0.43' LT.

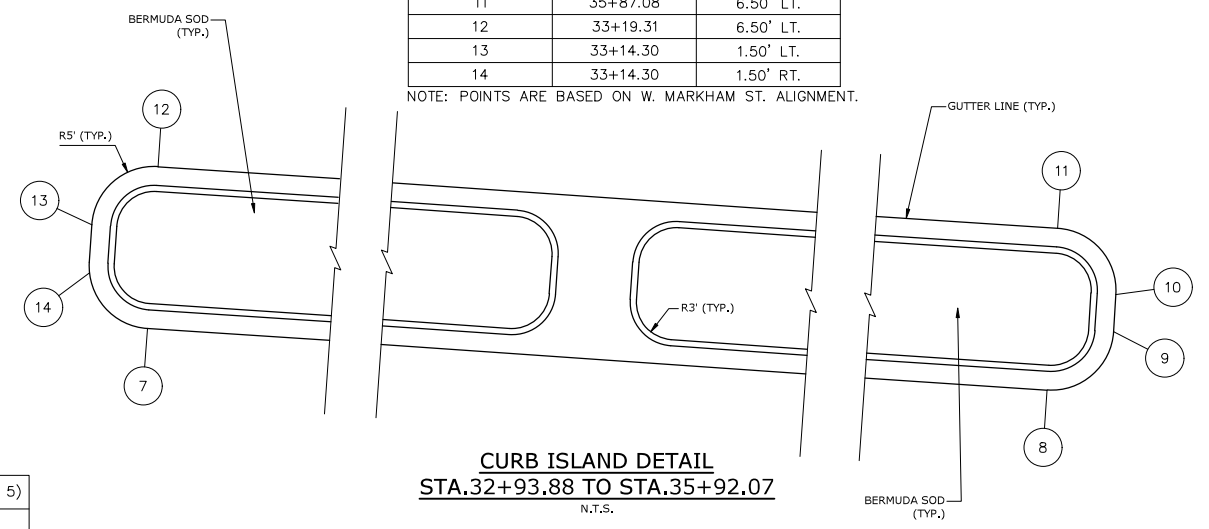
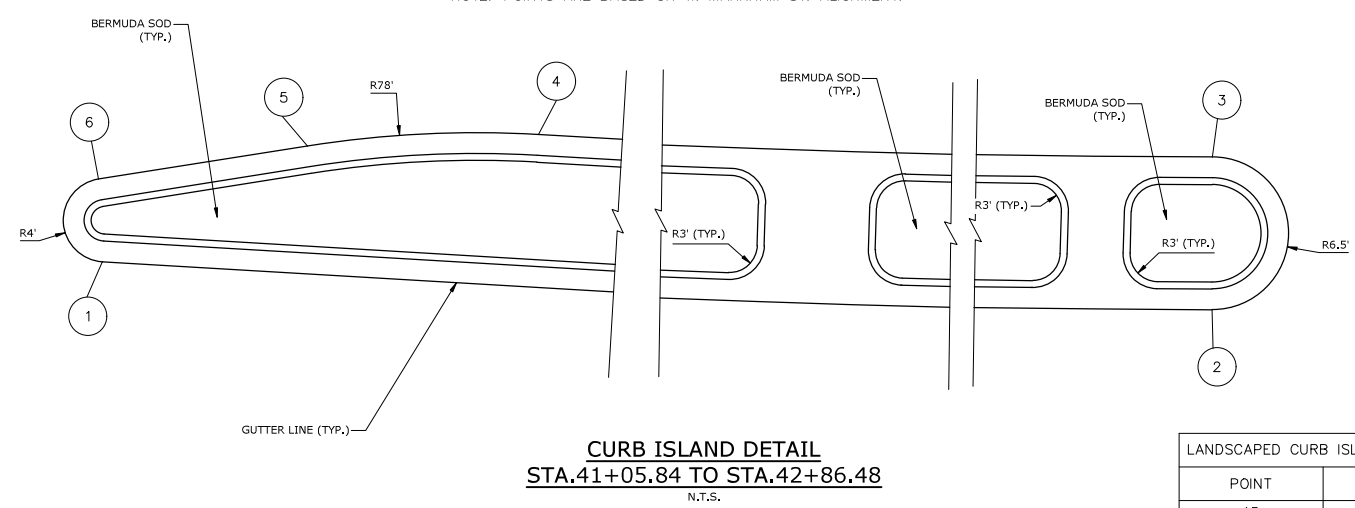
NOTE: POINTS ARE BASED ON W. MARKHAM ST. ALIGNMENT.

GENERAL NOTE:  
FOR CROSS SECTIONAL VIEW, REFER TO "TYPICAL SECTION AT MEDIAN"  
AND "TYPICAL SECTION AT CURB ISLAND" ON SHEETS C8 AND C9.

LANDSCAPED CURB ISLAND POINT TABLE (BOX 5 OF 5)

POINT	STATION	OFFSET
7	33+19.30	6.50' RT.
8	35+87.16	6.50' RT.
9	35+92.07	1.50' RT.
10	35+92.07	1.50' LT.
11	35+87.08	6.50' LT.
12	33+19.31	6.50' LT.
13	33+14.30	1.50' LT.
14	33+14.30	1.50' RT.

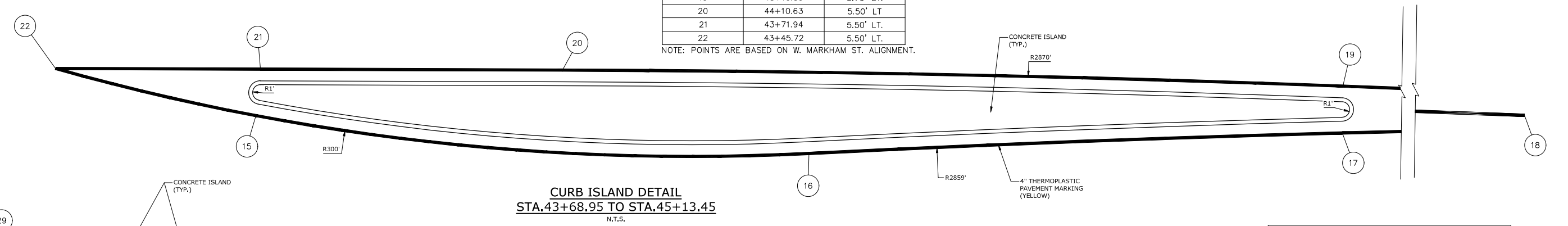
NOTE: POINTS ARE BASED ON W. MARKHAM ST. ALIGNMENT.



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	46+95.71	0.00'
19	45+10.59	3.76' LT.
20	44+10.63	5.50' LT
21	43+71.94	5.50' LT.
22	43+45.72	5.50' LT.

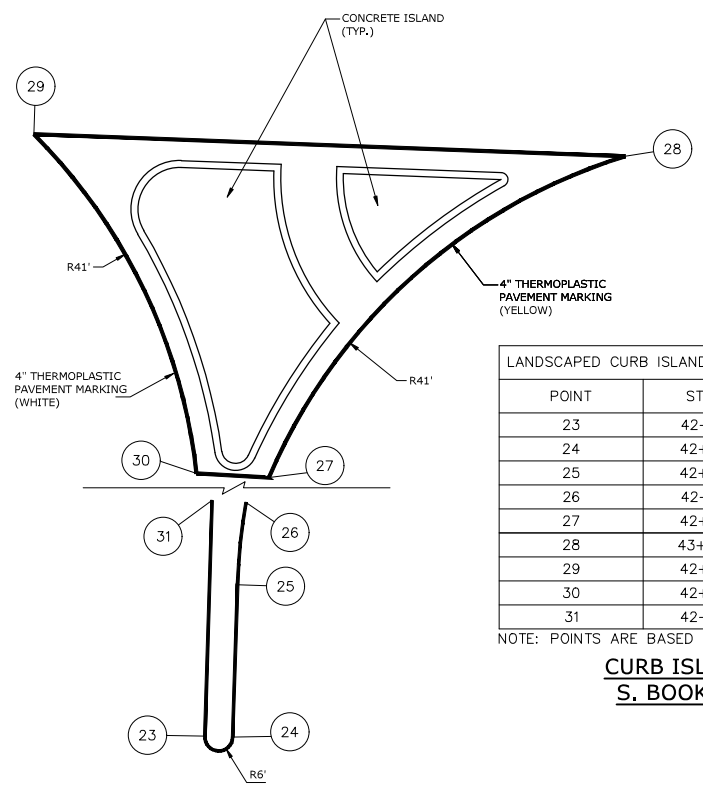
NOTE: POINTS ARE BASED ON W. MARKHAM ST. ALIGNMENT.



LANDSCAPED CURB ISLAND POINT TABLE (BOX 5 OF 5)

POINT	STATION	OFFSET
32	43+13.35	16.50' LT.
33	43+32.07	16.50' LT.
34	44+10.63	16.50' LT.
35	45+12.11	14.71' LT
36	43+56.11	21.73' LT.
37	43+56.11	21.73' LT.
38	42+65.58	41.69' LT.
39	42+50.03	47.23' LT.
40	42+39.50	50.87' LT.
41	42+28.15	54.69' LT.
42	42+39.34	49.62' LT.
43	42+49.75	45.14' LT.
44	42+64.63	38.63' LT.

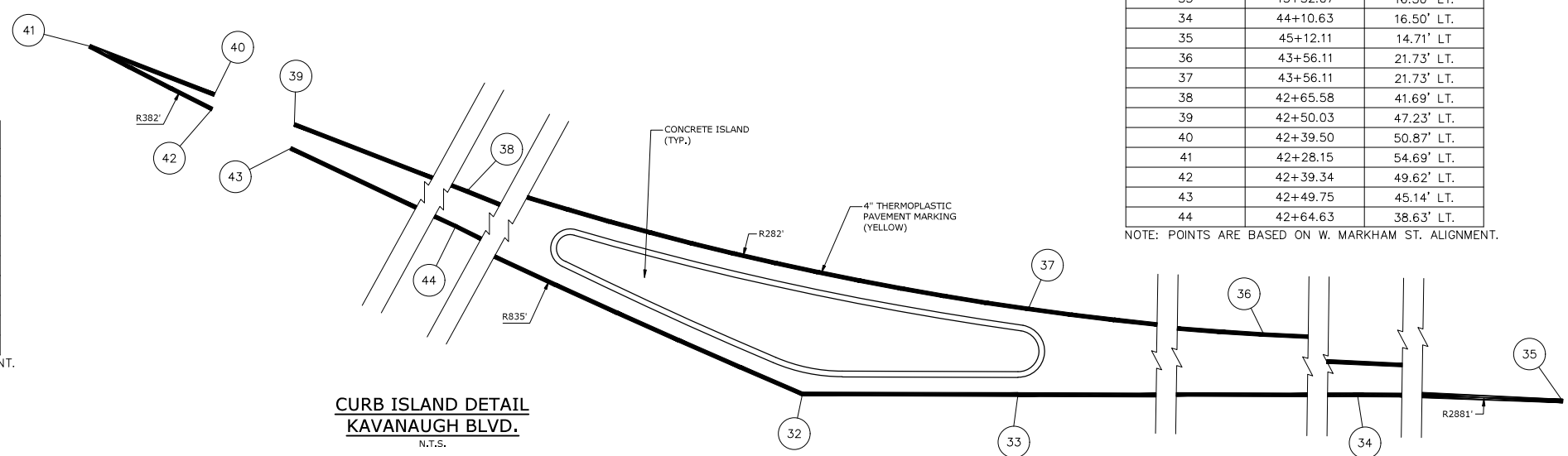
NOTE: POINTS ARE BASED ON W. MARKHAM ST. ALIGNMENT.



LANDSCAPED CURB ISLAND POINT TABLE (BOX 4 OF 5)

POINT	STATION	OFFSET
23	42+81.73	67.32' RT.
24	42+82.05	56.36' RT.
25	42+82.64	50.43' RT.
26	42+81.73	67.32' RT.
27	42+85.25	41.56' RT.
28	43+10.81	18.36' RT.
29	42+68.42	16.96' RT.
30	42+80.08	41.27' RT.
31	42+79.79	67.27' RT.

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



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SIDEWALK IMPROVEMENTS PH I  
SPECIAL DETAILS (SHEET 1 OF 2)

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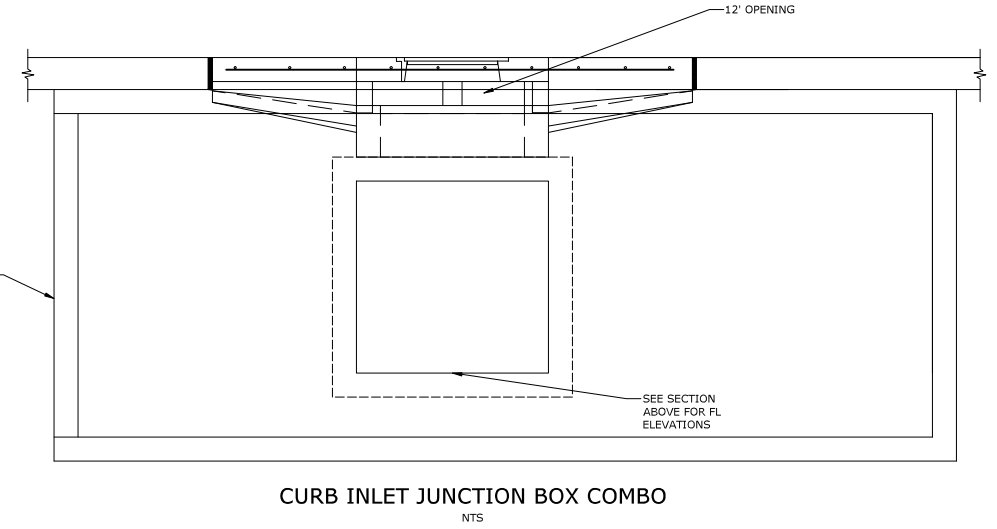
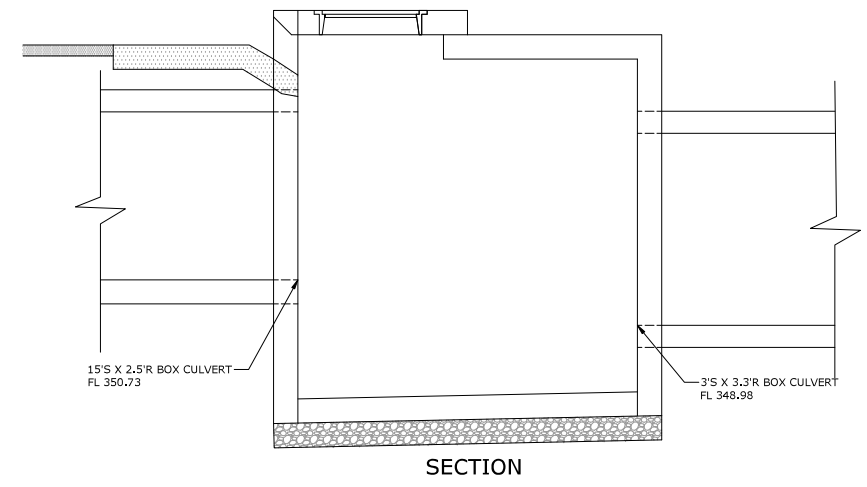
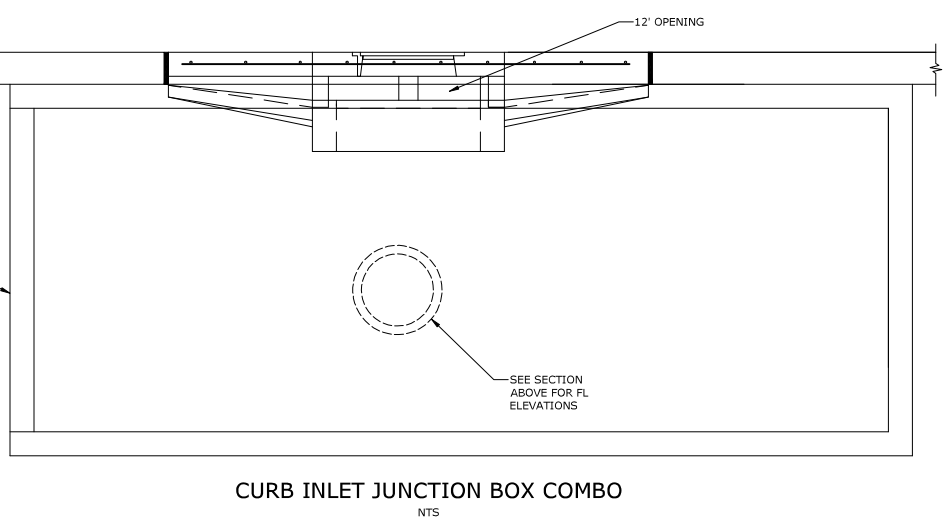
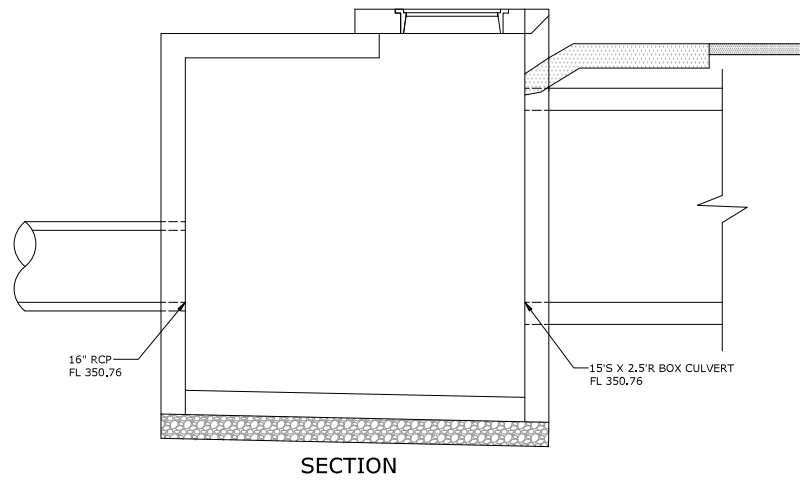
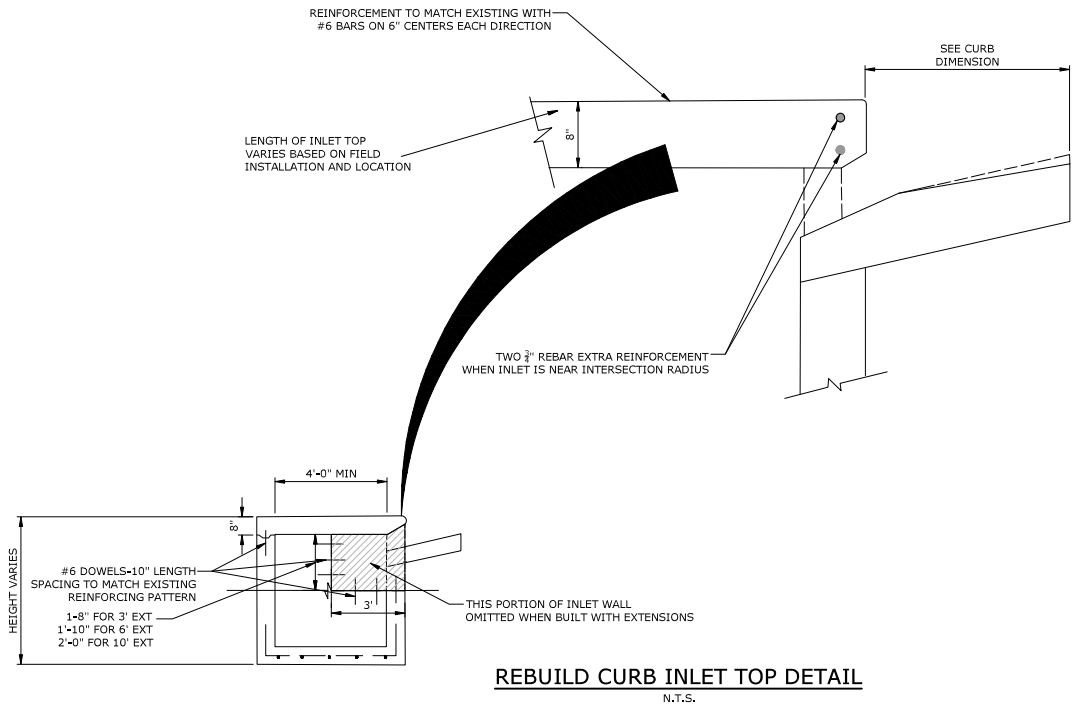
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LICENSED PROFESSIONAL ENGINEER  
No. 18021  
TAYLOR CLARK  
10-11-24

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DESIGNED  
ACP  
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PROJECT NO.  
061839  
SHEET NO.  
C10

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 SPECIAL DETAILS (SHEET 2 OF 2)



NOTE:  
 PLACE 4" DIAMETER CONCRETE  
 FILLED STOOLS AT CENTERLINE  
 OF INLET, THEN SPACE ADDITIONAL  
 STOOLS EQUAL DISTANCE FROM  
 CENTERLINE NOT TO EXCEED 3'

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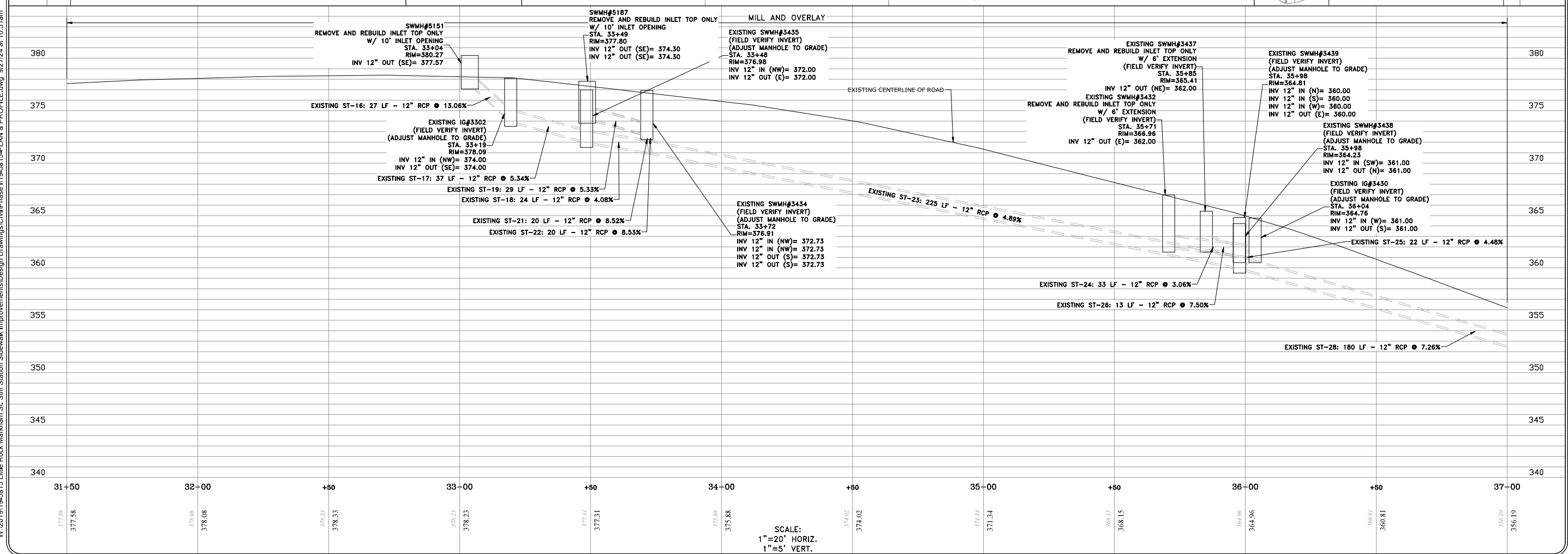
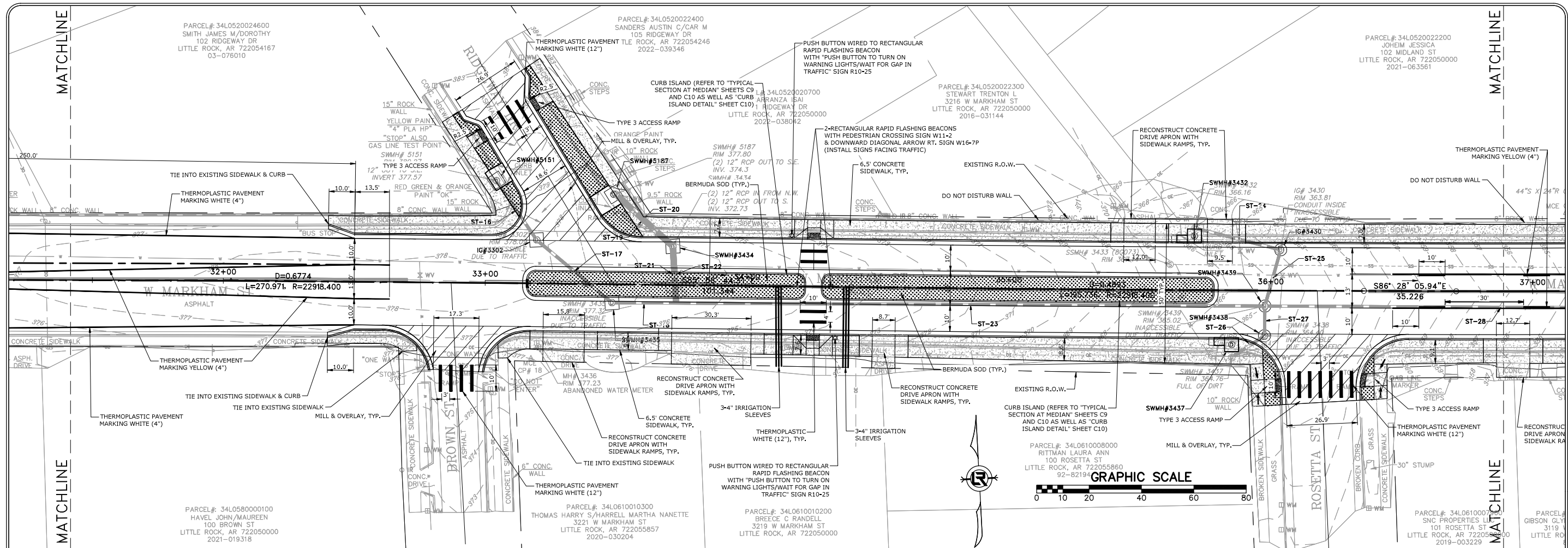
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 Taylor Clark  
 No. 18021  
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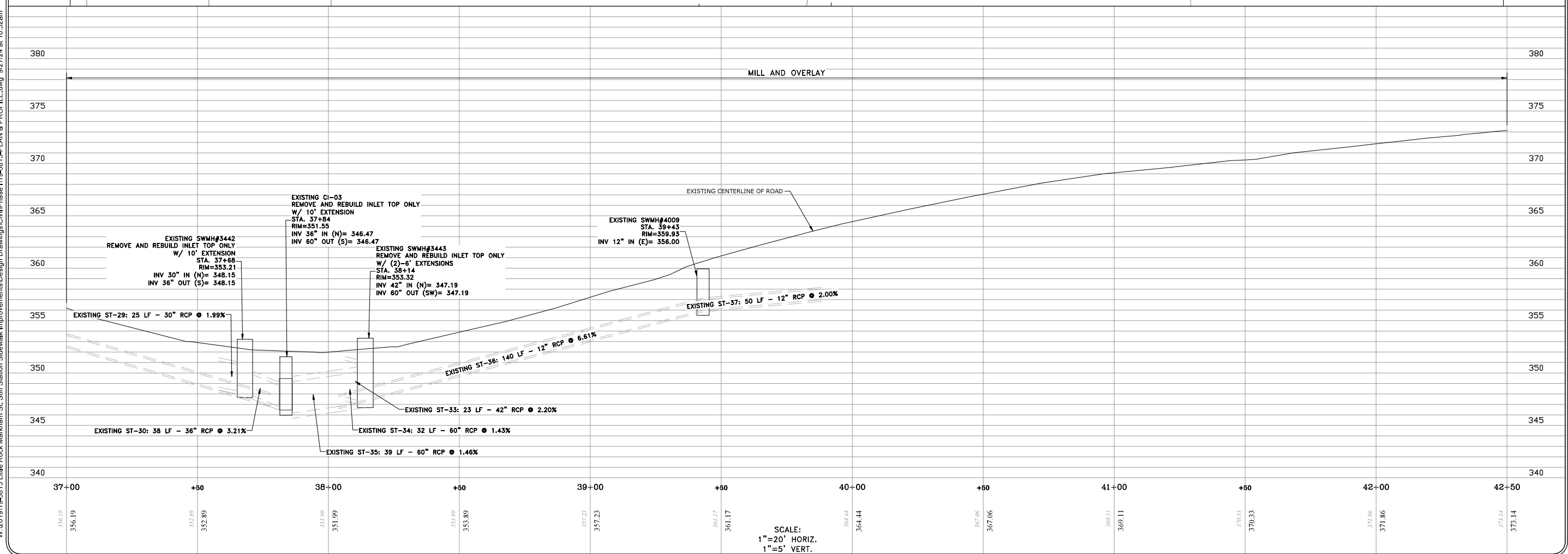
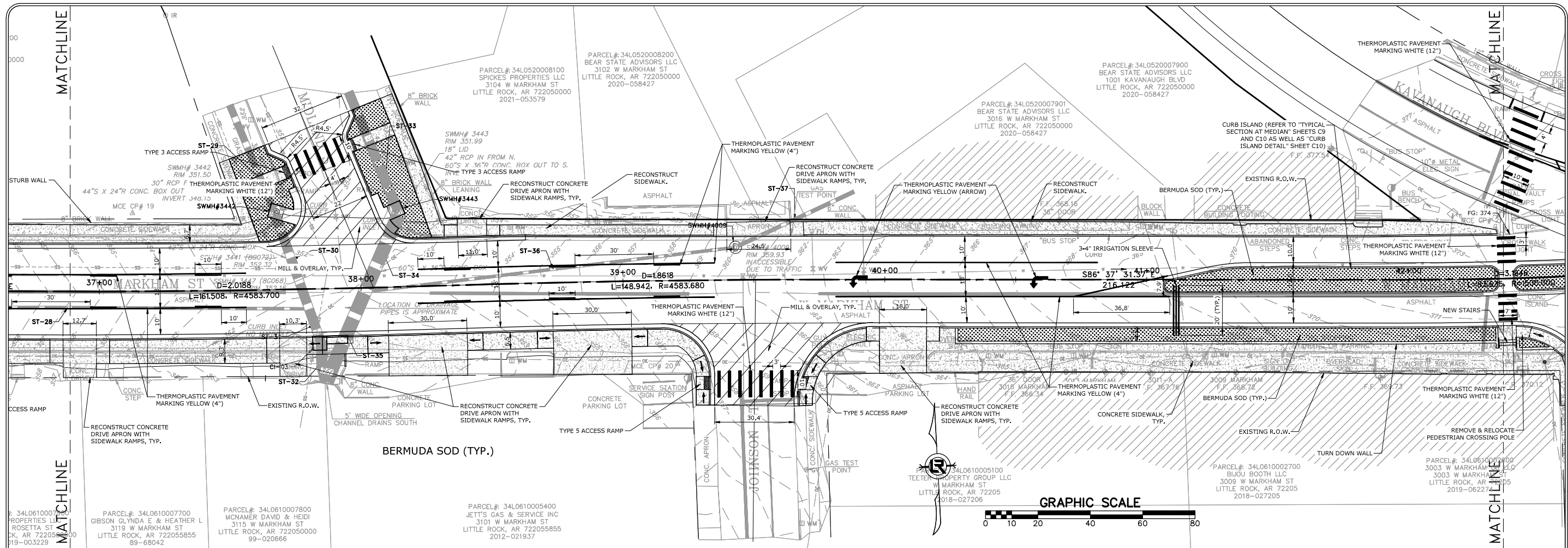
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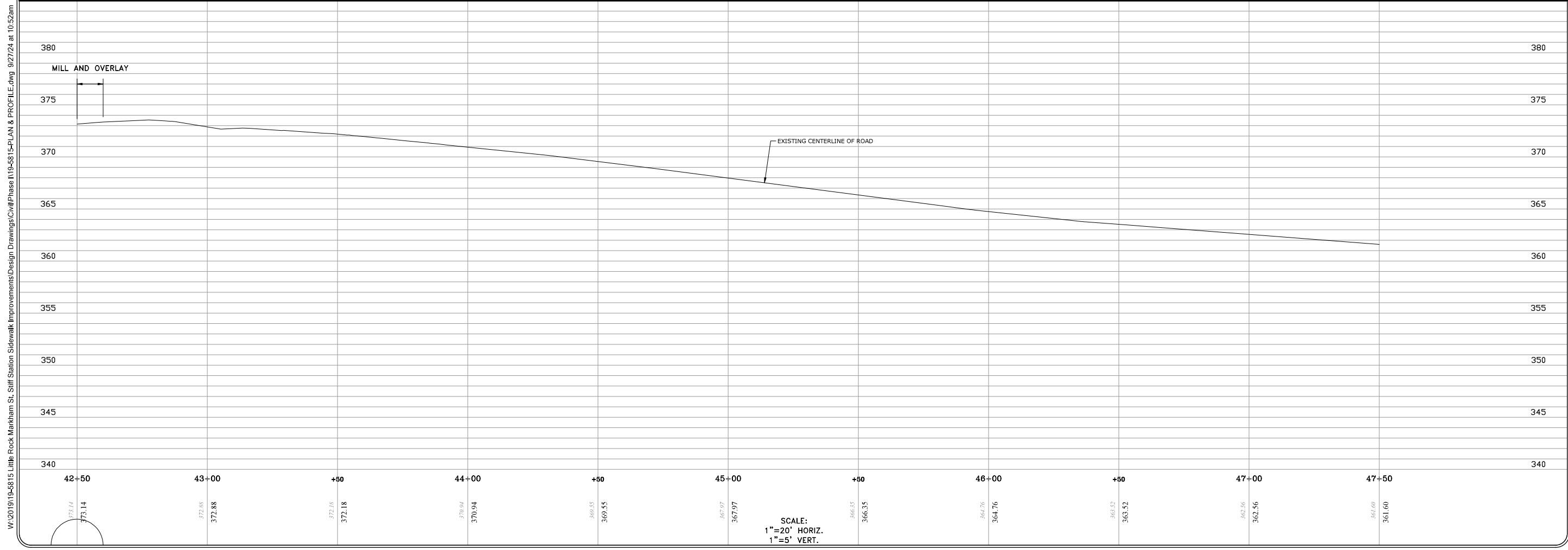
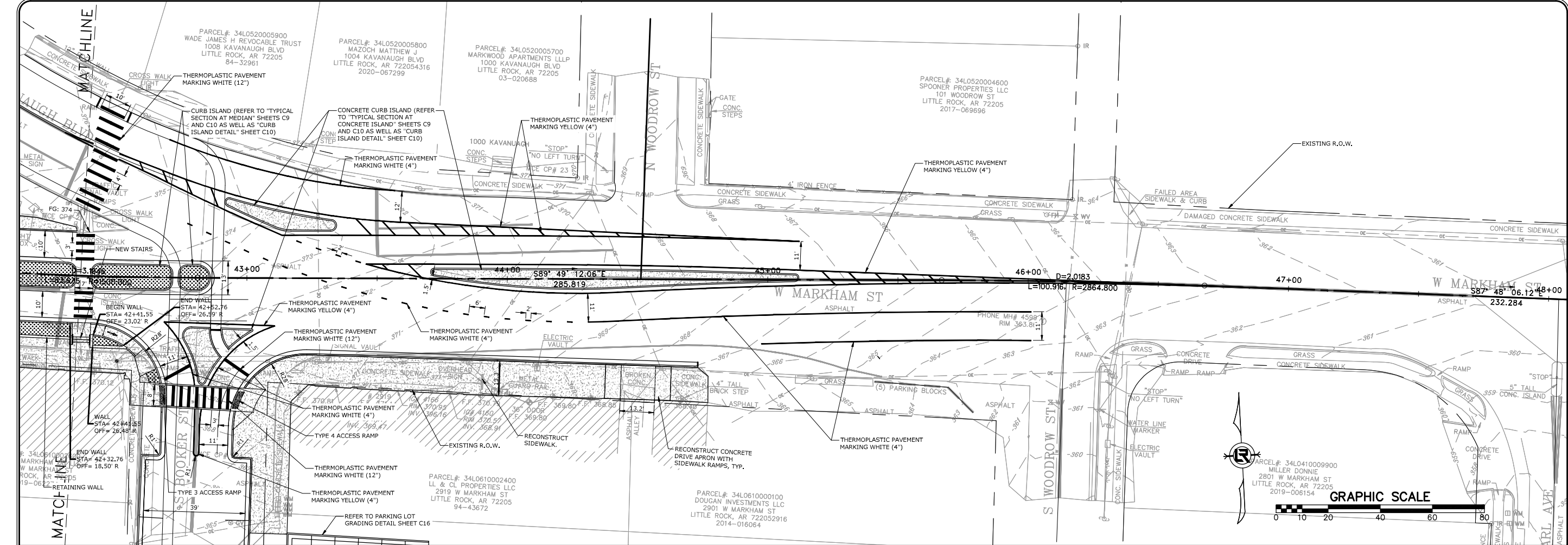
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SCALE:  
1"=20' HORIZ.  
1"=5' VERT.

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**SIDEWALK IMPROVEMENTS PH I**

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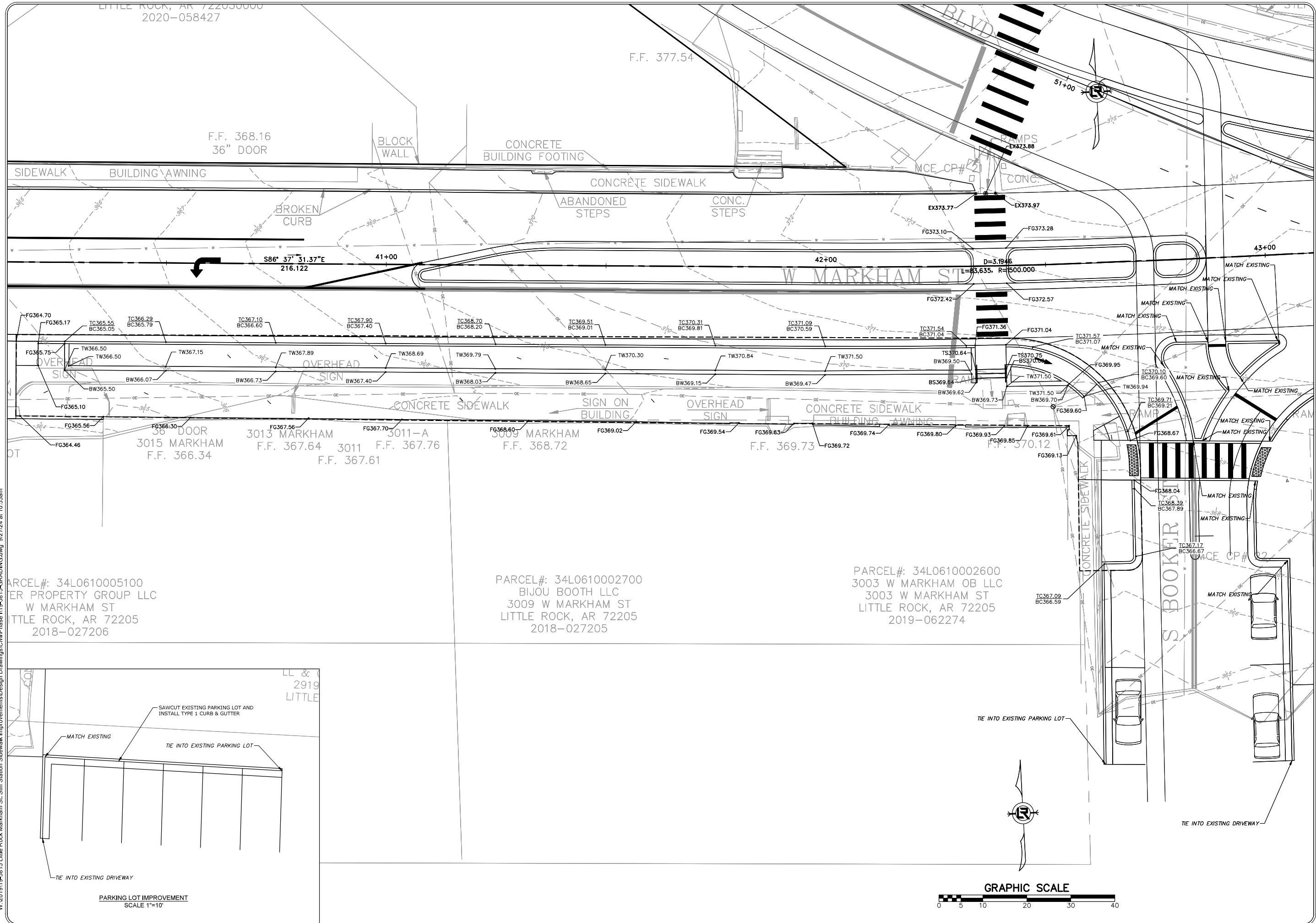
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 Taylor Clark  
 No. 18021  
 10-11-24

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<b>DESIGNED</b> ACP
<b>CHECKED</b> WTC
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<b>SCALE</b> 1"=20'
<b>PROJECT NO.</b> 061839
<b>SHEET NO.</b> <b>C15</b>

LITTLE ROCK, AR 72203000  
2020-058427

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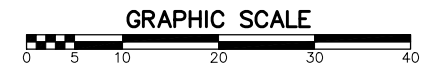
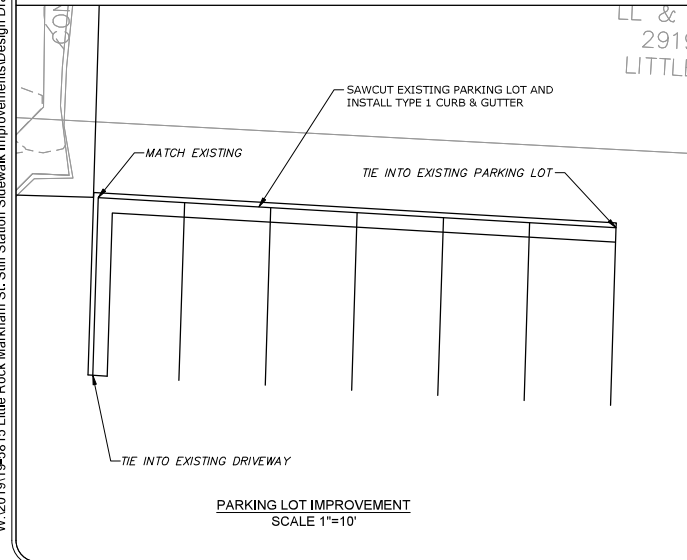


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 ER PROPERTY GROUP LLC  
 W MARKHAM ST  
 LITTLE ROCK, AR 72205  
 2018-027206

PARCEL#: 34L0610002700  
 BIJOU BOOTH LLC  
 3009 W MARKHAM ST  
 LITTLE ROCK, AR 72205  
 2018-027205

PARCEL#: 34L0610002600  
 3003 W MARKHAM OB LLC  
 3003 W MARKHAM ST  
 LITTLE ROCK, AR 72205  
 2019-062274



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 SIDEWALK IMPROVEMENTS PH I

GRADING PLAN



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 SIDEWALK IMPROVEMENTS PH I  
 EROSION CONTROL PLAN (SHEET 1 OF 3)

**GENERAL EROSION CONTROL NOTES**

- CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AND CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS, ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DIRECTED BY PERMITTING AGENCY AND OWNER OR AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST TO OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
- PERMIT FOR ANY CONSTRUCTION ACTIVITY MUST BE MAINTAINED ON SITE AT ALL TIMES.
- CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL OR AS REQUIRED BY THE GENERAL PERMIT.
- GENERAL CONTRACTOR SHALL DENOTE ON PLAN THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA, EMPLOYEE PARKING AREA, AND AREA FOR LOCATING PORTABLE FACILITIES, OFFICE TRAILERS, AND TOILET FACILITIES.
- ALL WASH WATER SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
- SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
- DUST ON THE SITE SHALL BE CONTROLLED. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
- RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
- DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS STOPPED FOR AT LEAST 14 DAYS, SHALL BE TEMPORARILY SEEDED. THESE AREAS SHALL BE SEEDED NO LATER THAN 14 DAYS FROM THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS.
- IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE.
- ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
- SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
- CONTRACTOR SHALL DESIGNATE / IDENTIFY AREAS INSIDE THE LIMITS OF DISTURBANCE, FOR WASTE DISPOSAL AND DELIVERY AND MATERIAL STORAGE.
- ALL BMP'S SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED BY A MINIMUM OF 80% GRASS COVERAGE.
- ALL DEWATERING ACTIVITIES SHALL CONFORM TO ALL FEDERAL, STATE, AND LOCAL REQUIREMENTS. DISCHARGED WATER MUST BE PROPERLY TREATED BEFORE RELEASING FROM THE SITE.

**BMP MAINTENANCE**

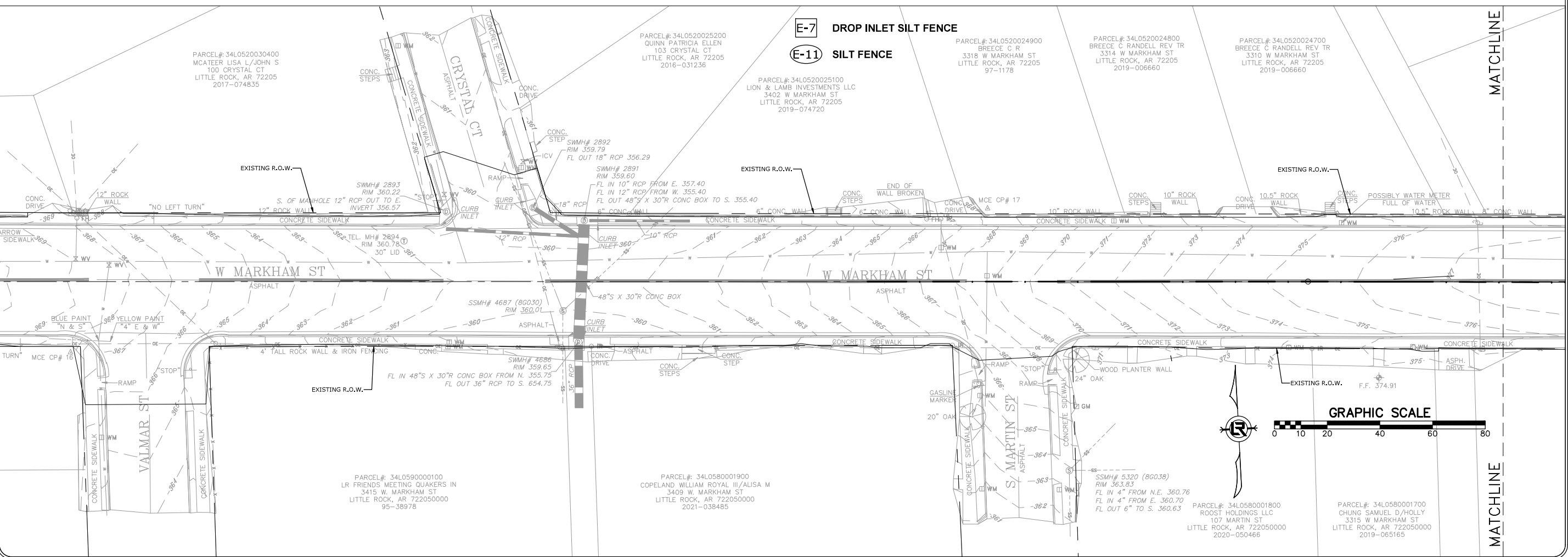
THE CONTRACTOR SHALL IMPLEMENT ALL MEASURES SHOWN ON THE EROSION CONTROL PLAN AND IN THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) TO THE FULLEST EXTENT PRACTICAL. THE CONTRACTOR SHALL HAVE CHECKED ALL SEDIMENT AND EROSION CONTROL MEASURES BY A QUALIFIED PERSON AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS OR EVERY FOURTEEN (14) DAYS AND WITHIN 24 HOURS OF THE END OF A RAINFALL EVENT EXCEEDING 0.25". ALL SITE BMPS SHALL BE MAINTAINED IN A FULLY FUNCTIONAL CONDITION UNTIL FINAL STABILIZATION OF THE SITE HAS OCCURRED. ALL SITE BMPS SHALL BE REPAIRED AND / OR CLEANED IN ACCORDANCE WITH THE FOLLOWING:

- THE CONTRACTOR SHALL MAINTAIN THE CONSTRUCTION ENTRANCE(S) IN A SUCH A CONDITION THAT WILL PREVENT MUD BEING TRACKED INTO ANY PUBLIC RIGHT OF WAY(S). THIS MAY REQUIRE PERIODIC TOP DRESSING OF ALL CONSTRUCTION ENTRANCE(S) AS NECESSARY.
- THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION. THIS MAY REQUIRE PERIODIC TOP DRESSING OF ALL PARKING AND STORAGE AREA(S) AS NECESSARY.
- CONTRACTOR SHALL REPAIR ALL SILT FENCING TO THEIR ORIGINAL CONDITION IF DAMAGED; SEDIMENT SHALL BE REMOVED FROM ALONG THE FENCE WHEN SEDIMENT REACHES NO MORE THAN ONE-HALF THE HEIGHT OF THE SILT FENCE.
- INLET BMPS SHALL BE REPAIRED AND/OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING. CONTRACTOR SHALL REPLACE IF THEY SHOW SIGNS OF DETERIORATION.
- ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. CONTRACTOR SHALL FERTILIZE AND RESEED THOSE AREAS AS NECESSARY.
- IF THE GRAVEL FOUND IN ANY SEDIMENT FILTER(S) BECOME CLOGGED WITH SEDIMENT, CONTRACTOR SHALL PULL THE GRAVEL AWAY, CLEAN THE GRAVEL, AND REPLACE IN THE SEDIMENT FILTER(S).

**SEQUENCE OF CONSTRUCTION**

- INSTALL PERIMETER EROSION CONTROL MEASURES AND TEMPORARY CONSTRUCTION ENTRANCES/CONCRETE WASHOUT.
- EXCAVATION AND EMBANKMENT TO FORM THE PAVEMENT OR GRADED AREAS.
- INSTALL STORM SEWER (ADJUST EXISTING SEDIMENT BARRIERS AS NECESSARY TO MAINTAIN SEDIMENT CONTROL).
- INSTALL UNDERGROUND UTILITIES (ADJUST EXISTING SEDIMENT BARRIERS AS NECESSARY TO MAINTAIN SEDIMENT CONTROL); ADDITIONAL SEDIMENT BARRIERS SHALL BE UTILIZED AS REQUIRED TO BOUND THE DOWN SLOPE SIDE OF UTILITY CONSTRUCTION AND SOIL STOCKPILES.
- FINAL GRADING (SEDIMENT BARRIERS SHALL BE MAINTAINED DOWN SLOPE FROM DISTURBED SOIL DURING THIS OPERATION).
- INSTALL PAVING.
- COMPLETION OF ONSITE STABILIZATION.
- REMOVE PERIMETER EROSION CONTROL MEASURES.

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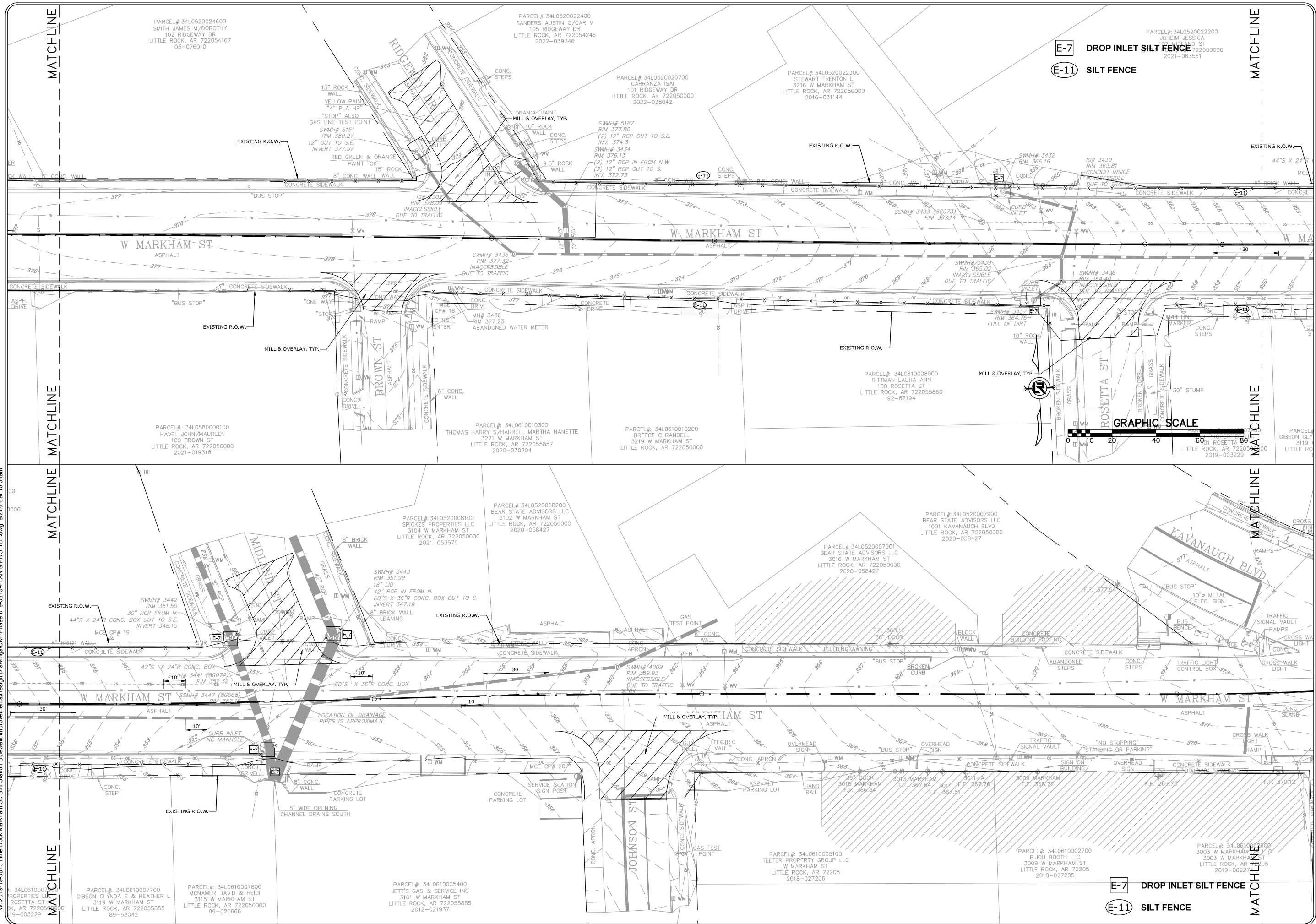


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 LITTLE ROCK, ARKANSAS 72201

STATE OF ARKANSAS  
 LICENSED PROFESSIONAL ENGINEER  
 No. 18021  
 TAYLOR CHAMBERLAIN  
 10-11-24

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 ACP  
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 SCALE  
 1"=20'  
 PROJECT NO.  
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 SHEET NO.  
**C17**

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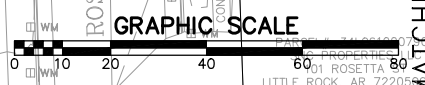
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 SIDEWALK IMPROVEMENTS PH I  
 EROSION CONTROL PLAN (SHEET 2 OF 3)

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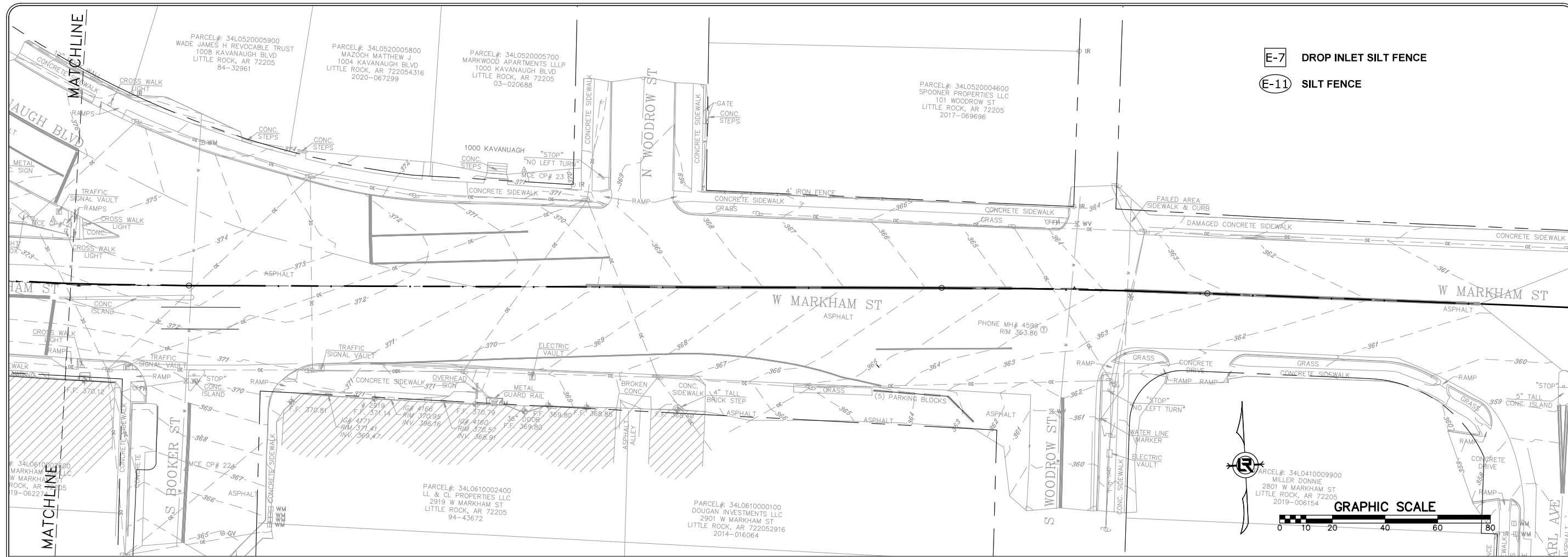
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**C18**

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

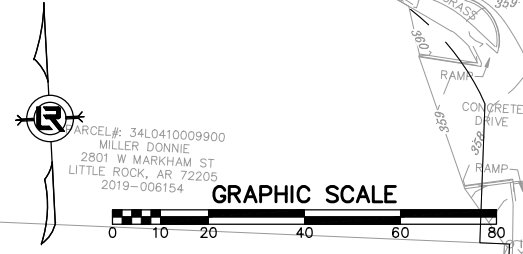


**E-7** DROP INLET SILT FENCE  
**E-11** SILT FENCE

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




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EROSION CONTROL PLAN (SHEET 3 OF 3)



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10-11-24

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<b>DESIGNED</b> ACP
<b>CHECKED</b> WTC
<b>DATE</b> 9/27/2024
<b>SCALE</b> 1"=20'
<b>PROJECT NO.</b> 061839
<b>SHEET NO.</b> <b>C19</b>


REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
 MARKHAM ST. STIFFT STATION  
 SIDEWALK IMPROVEMENTS PH I

MAINTENANCE OF TRAFFIC PHASE 1 (SHEET 1 OF 3)



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 CIVIL ENGINEERING  
 701 W. MARKHAM  
 LITTLE ROCK, ARKANSAS 72201

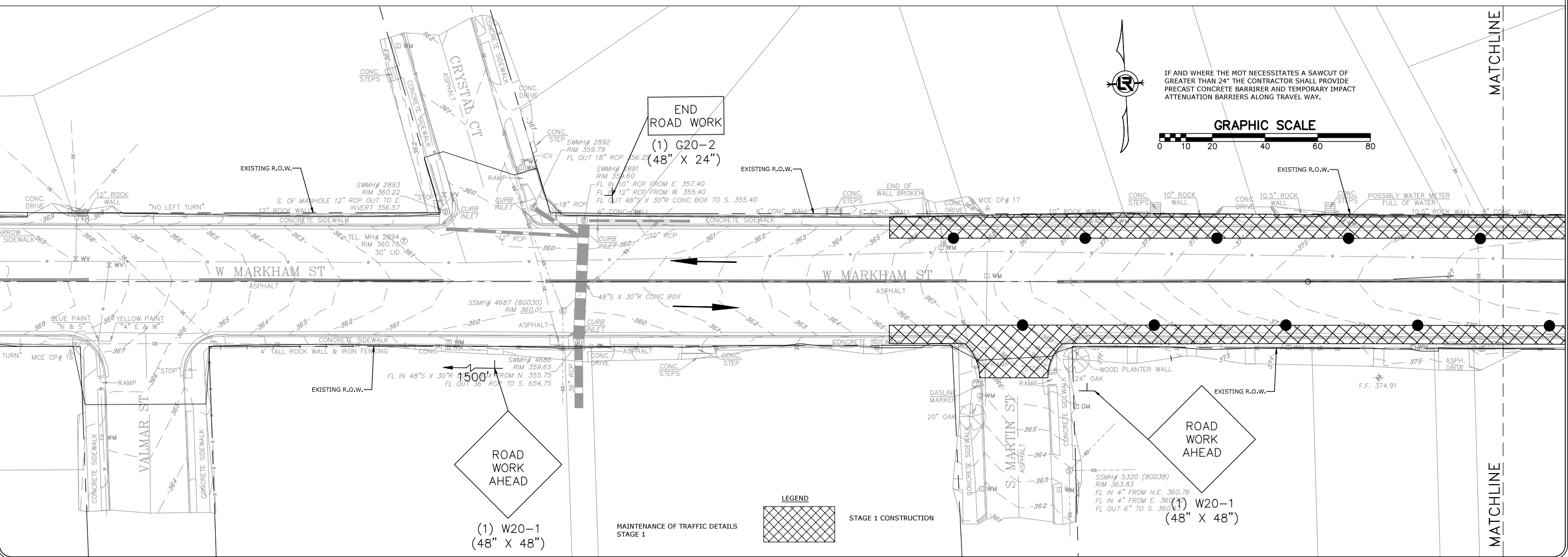



STATE OF ARKANSAS  
 LICENSED PROFESSIONAL ENGINEER  
 No. 18021  
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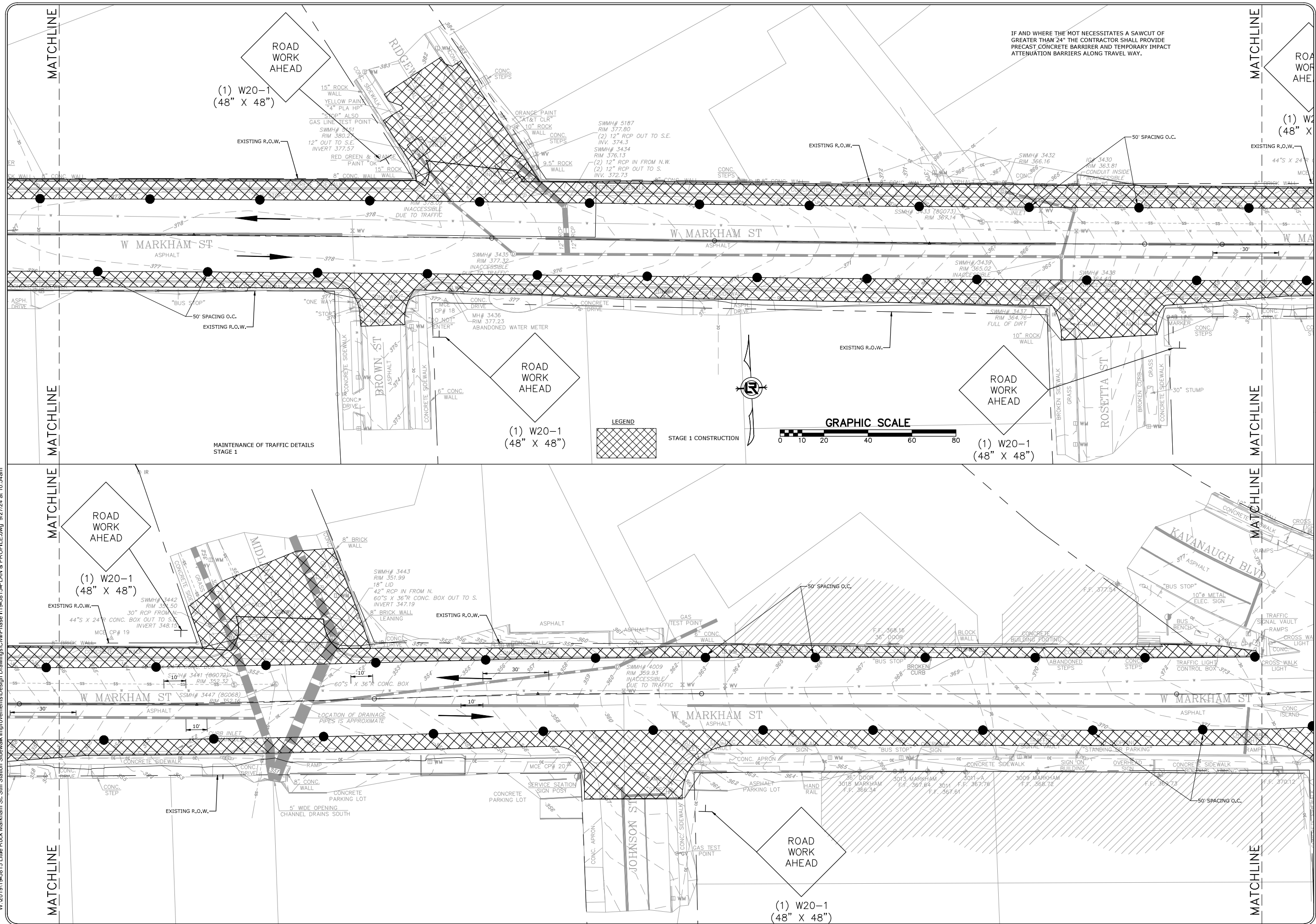
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 PROJECT NO.  
 061839  
 SHEET NO.  
**C20**

- TRAFFIC CONTROL NOTES:
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  - SIGNS SHOWN ON THIS PLAN ARE TO WARN TRAFFIC ABOUT THE CONSTRUCTION. OTHER TRAFFIC CONTROL DEVICES MAY BE REQUIRED DURING VARIOUS PHASES OF CONSTRUCTION.
  - THE DETOUR PLAN SHOWN IS TO BE IMPLEMENTED DURING CONSTRUCTION WORKING HOURS ONLY FOR THE PLACEMENT OF THE DRAINAGE STRUCTURES IN TRAVEL LANES. UPON COMPLETION OF THIS WORK, ALL STREETS SHALL BE OPENED TO TRAFFIC. ALL APPLICABLE WARNING SIGNS SHALL BE USED TO WARN THE TRAFFIC ABOUT THE CONSTRUCTION. IMPLEMENTATION OF ANY SIGNS OR OTHER TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
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IF AND WHERE THE MOT NECESSITATES 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 PH I  
 MAINTENANCE OF TRAFFIC PHASE 1 (SHEET 2 OF 3)

DEPARTMENT OF PUBLIC WORKS  
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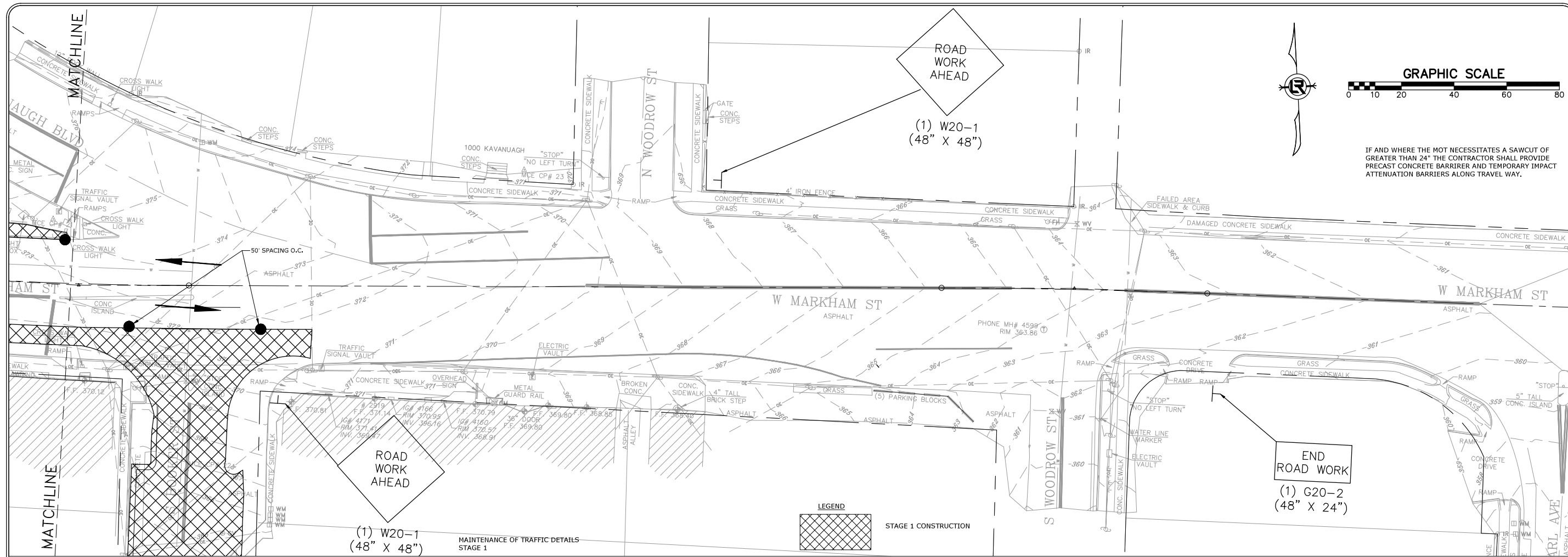


STATE OF ARKANSAS  
 LICENSED PROFESSIONAL ENGINEER  
 Taylor Clark  
 No. 18021  
 10-11-24



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 JJW  
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 ACP  
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 061839  
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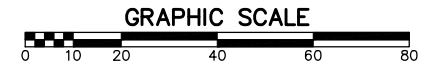
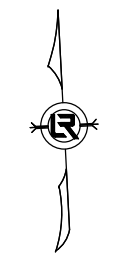
**CITY OF LITTLE ROCK, ARKANSAS**  
**MARKHAM ST. STIFF STATION**  
**SIDEWALK IMPROVEMENTS PH I**

MAINTENANCE OF TRAFFIC PHASE 1 (SHEET 3 OF 3)

**DEPARTMENT OF PUBLIC WORKS**  
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IF AND WHERE THE MOT NECESSITATES A SAWCUT OF GREATER THAN 24" THE CONTRACTOR SHALL PROVIDE PRECAST CONCRETE BARRIER AND TEMPORARY IMPACT ATTENUATION BARRIERS ALONG TRAVEL WAY.

ROAD WORK AHEAD  
 (1) W20-1  
 (48" X 48")

END ROAD WORK  
 (1) G20-2  
 (48" X 24")


LEGEND  
 STAGE 1 CONSTRUCTION

(1) W20-1  
 (48" X 48")  
 MAINTENANCE OF TRAFFIC DETAILS  
 STAGE 1


REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
 MARKHAM ST. STIFFT STATION  
 SIDEWALK IMPROVEMENTS PH I

MAINTENANCE OF TRAFFIC PHASE 2 (SHEET 1 OF 3)



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 Taylor Clark  
 No. 18021  
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**DESIGNED**  
ACP

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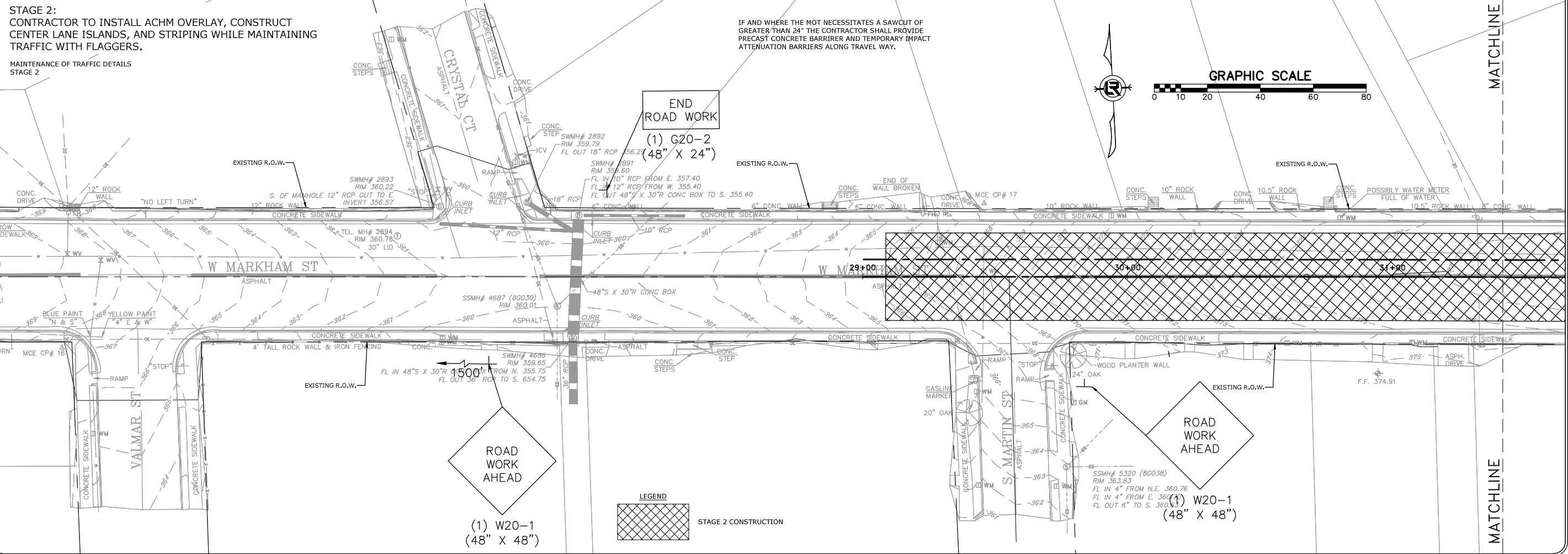
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**PROJECT NO.**  
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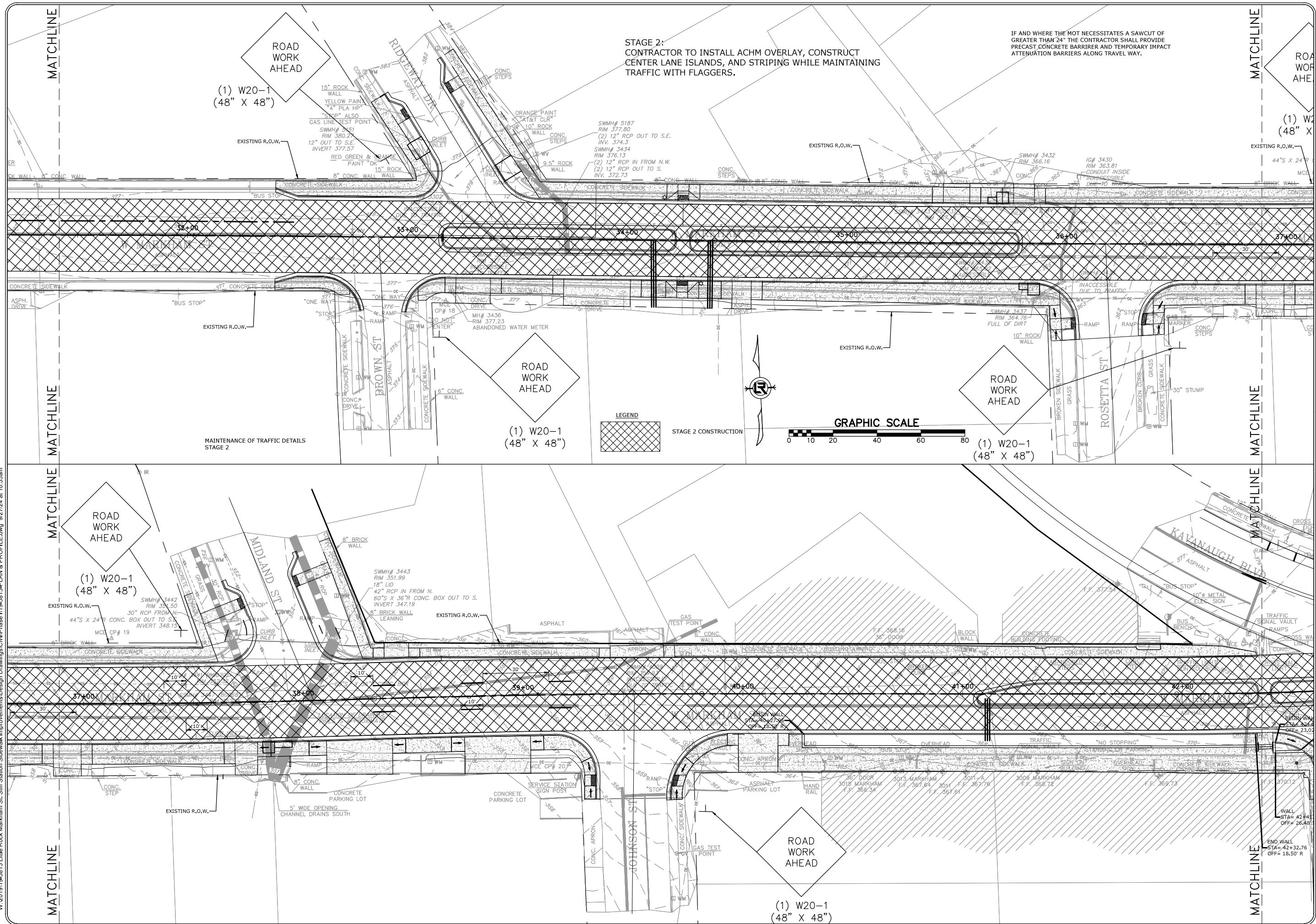
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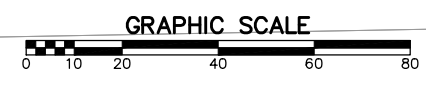
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STAGE 2:  
CONTRACTOR TO INSTALL ACHM OVERLAY, CONSTRUCT  
CENTER LANE ISLANDS, AND STRIPING WHILE MAINTAINING  
TRAFFIC WITH FLAGGERS.

IF AND WHERE THE MOT NECESSITATES A SAWCUT OF  
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REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
**MARKHAM ST. STIFF STATION  
 SIDEWALK IMPROVEMENTS PH I**  
 MAINTENANCE OF TRAFFIC PHASE 2 (SHEET 2 OF 3)

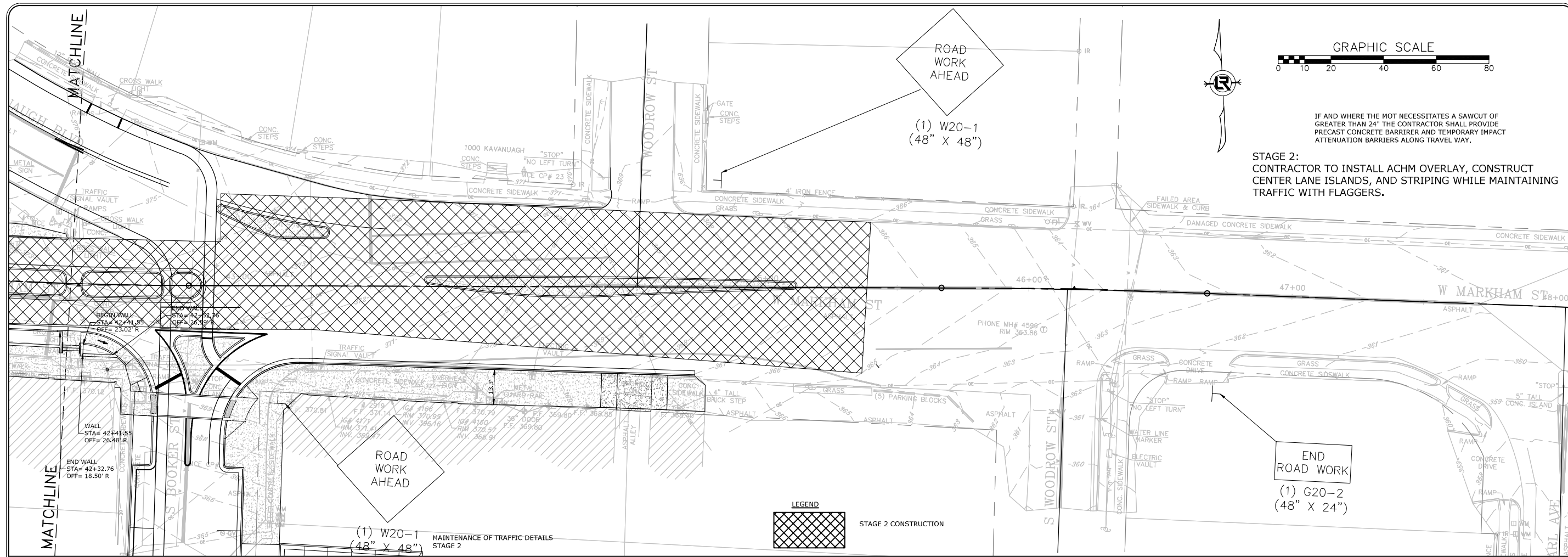
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 701 W. MARKHAM  
 LITTLE ROCK, ARKANSAS 72201

STATE OF ARKANSAS  
 LICENSED PROFESSIONAL ENGINEER  
*Taylor Clark*  
 No. 18021  
 10-11-24

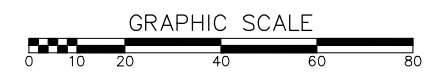
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**JJW**  
 DESIGNED  
**ACP**  
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**WTC**  
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**9/27/2024**  
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**1"=20'**  
 PROJECT NO.  
**061839**  
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**C24**



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

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

MAINTENANCE OF TRAFFIC PHASE 2 (SHEET 3 OF 3)

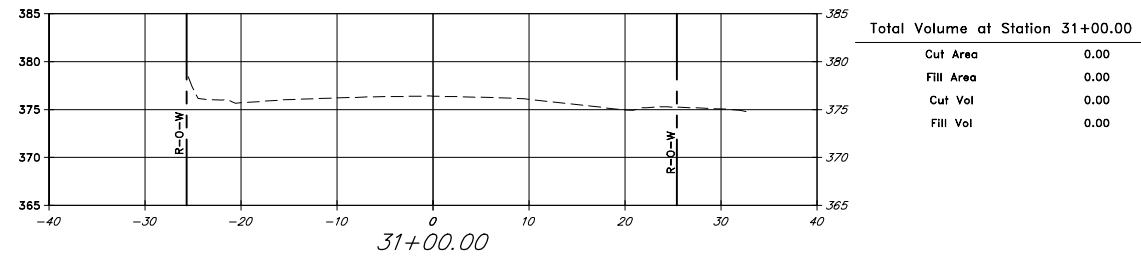
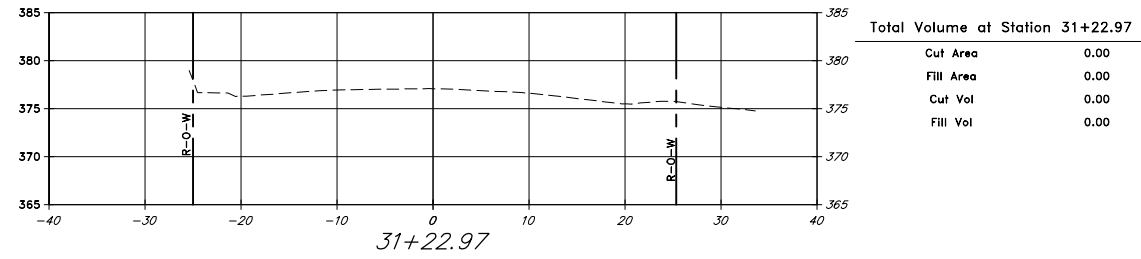
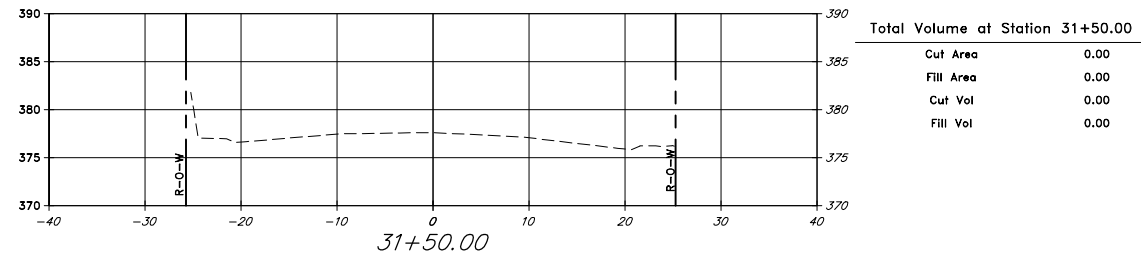
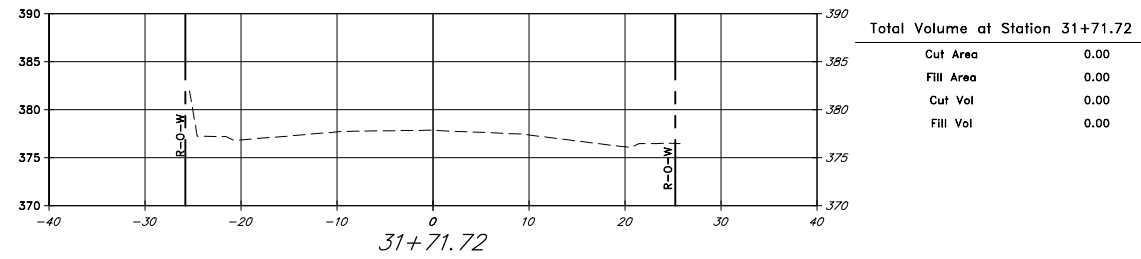
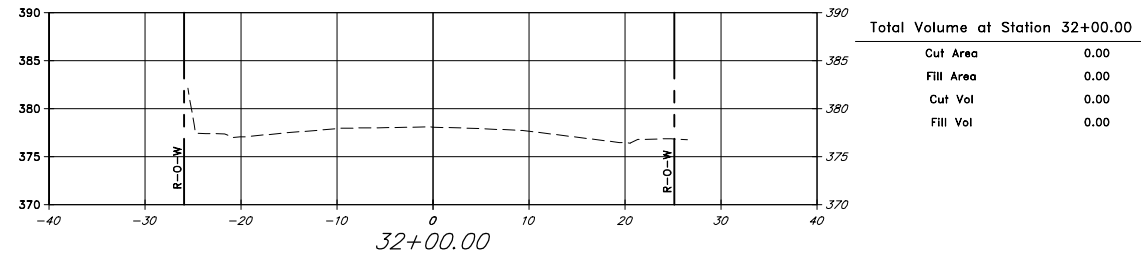
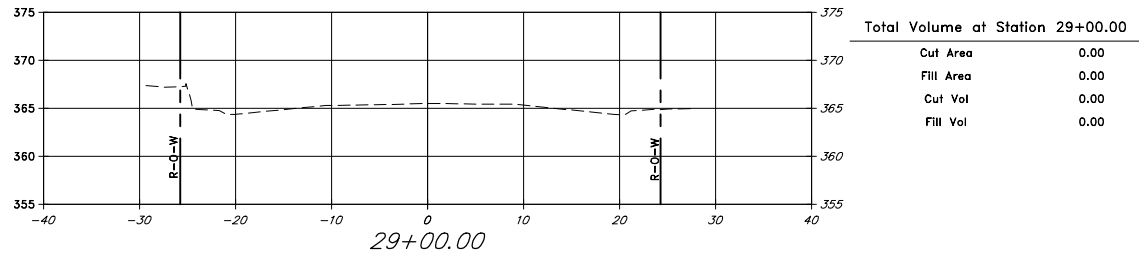
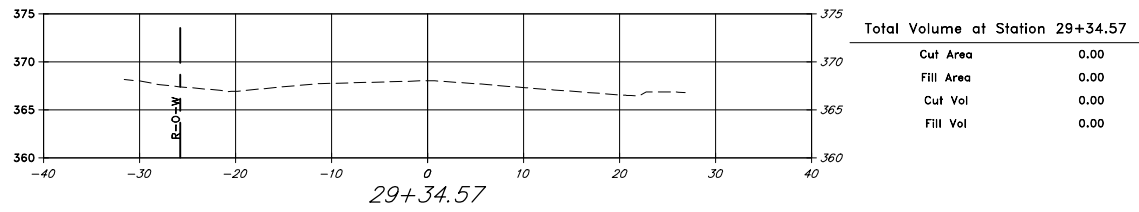
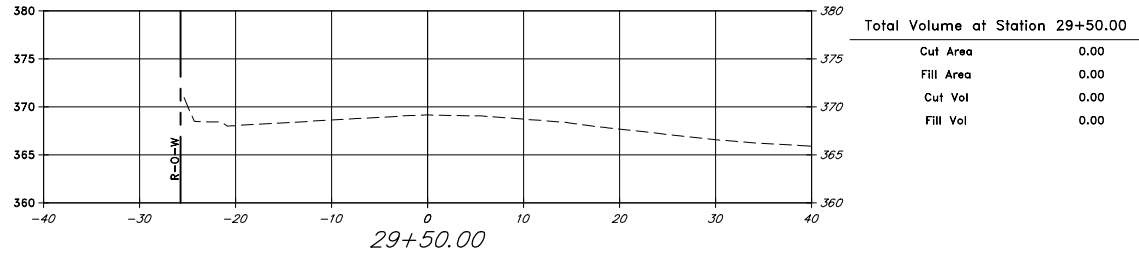
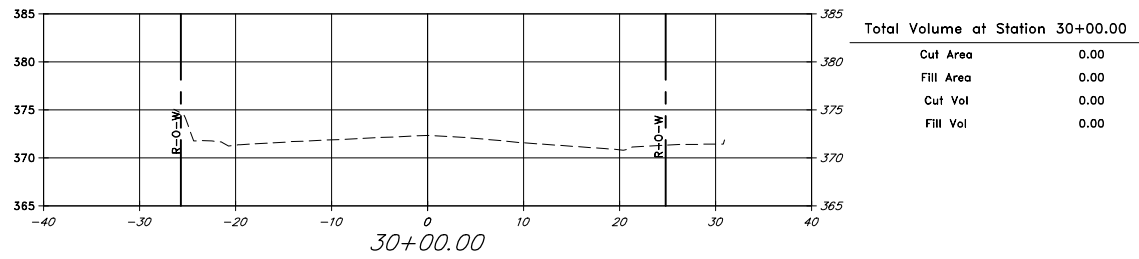
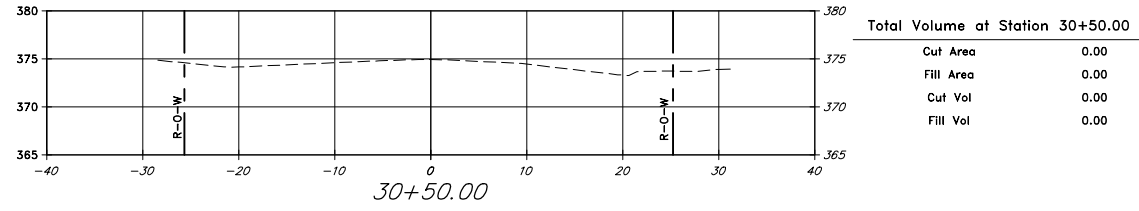


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DESIGNED ACP
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DATE 9/27/2024
SCALE 1"=20'
PROJECT NO. 061839
SHEET NO. <b>C25</b>

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1" = 10' HORIZ.  
1" = 10' VERT.

EARTHWORK QUANTITIES ARE TO BE PAID PER PLAN QUANTITIES ONLY

REVISIONS DATE

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

CROSS SECTIONS (SHEET 1 OF 4)



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STATE OF ARKANSAS  
LICENSED PROFESSIONAL ENGINEER  
Taylor Clark  
No. 18021  
10-11-24

DRAWN BY

JJW

DESIGNED

ACP

CHECKED

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DATE

9/27/2024

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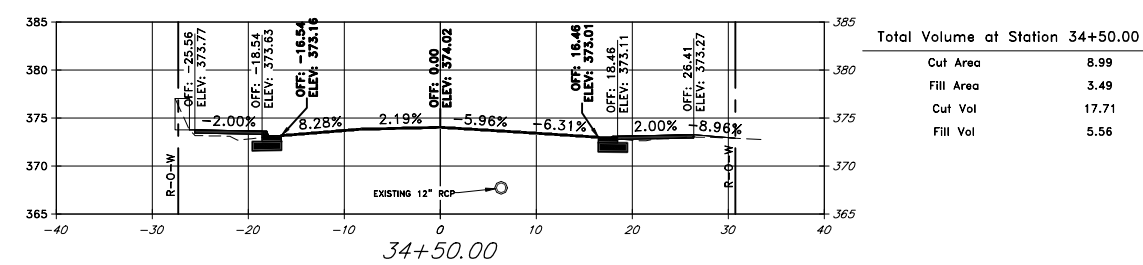
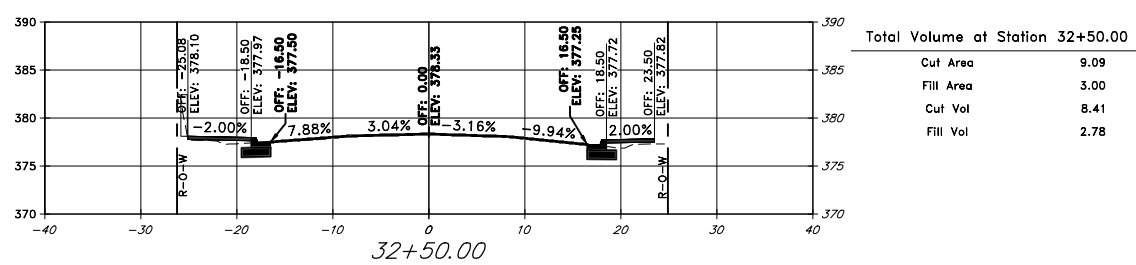
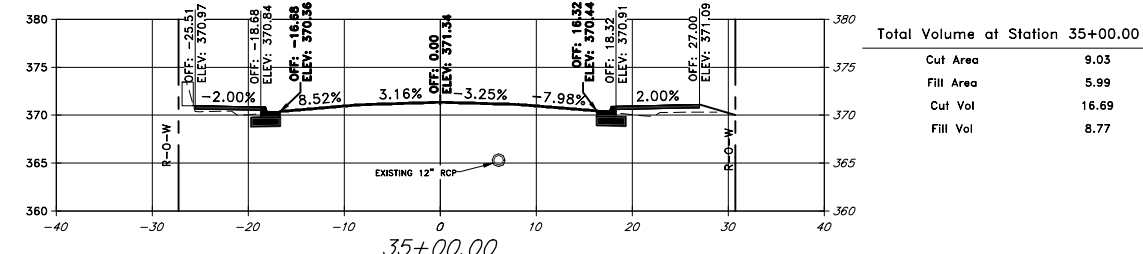
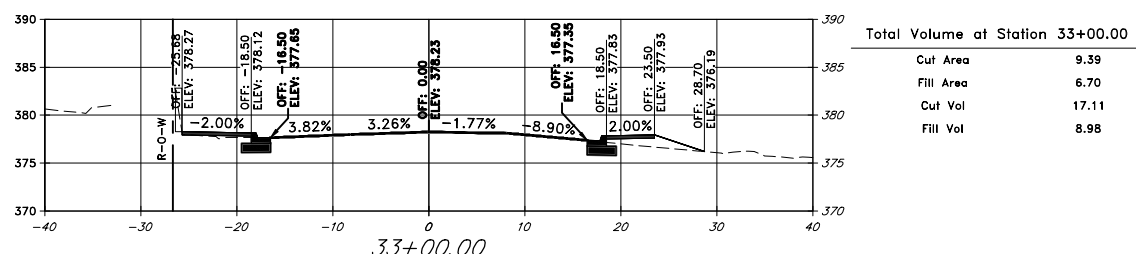
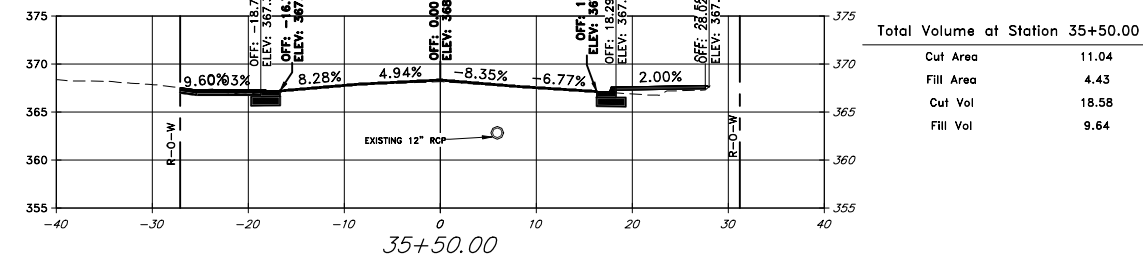
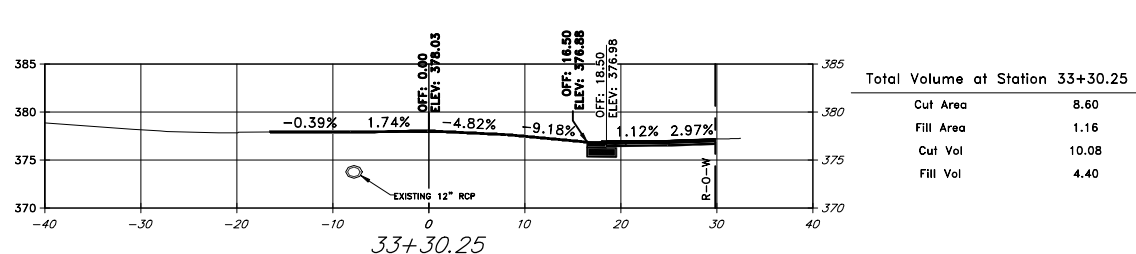
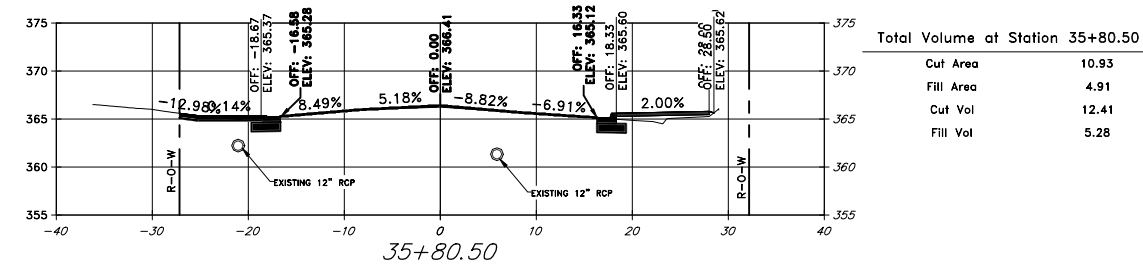
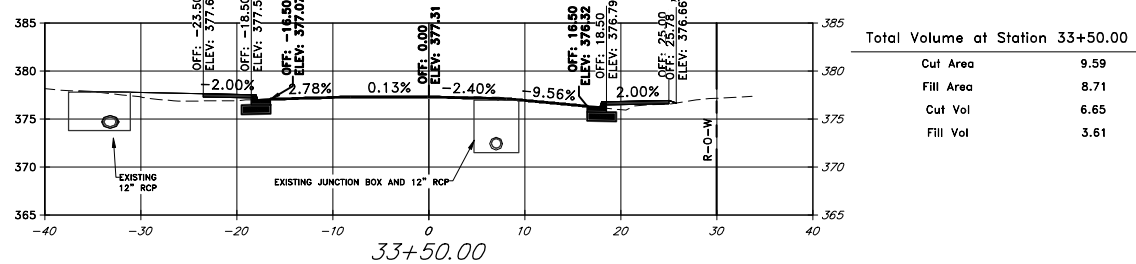
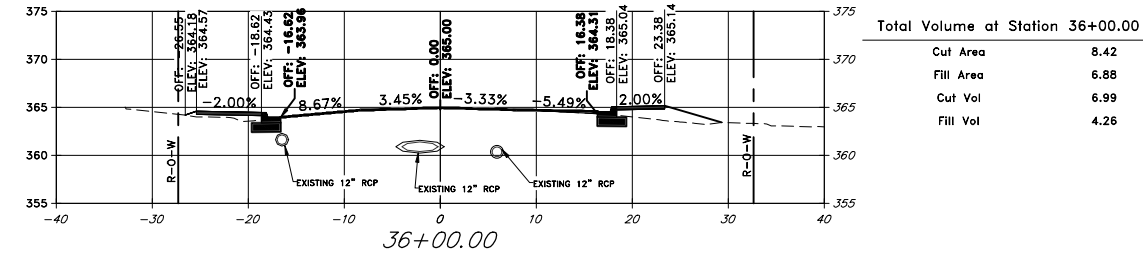
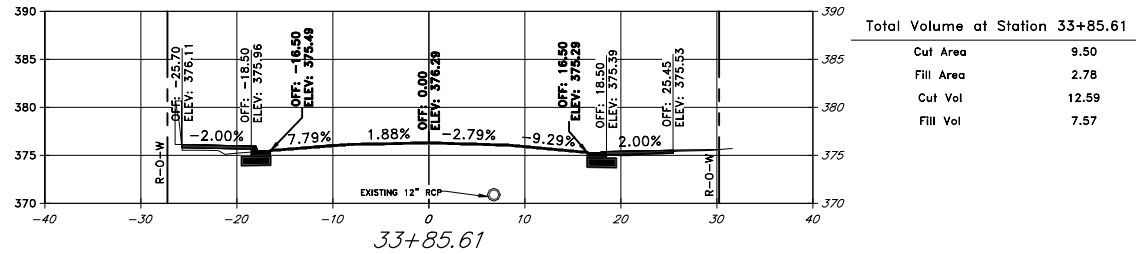
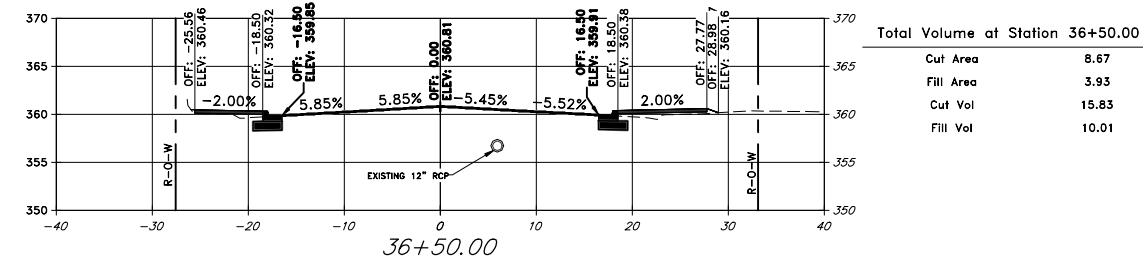
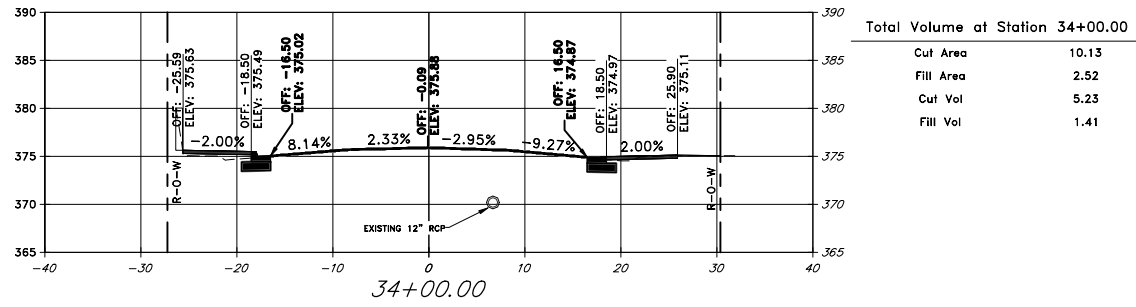
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SHEET NO.

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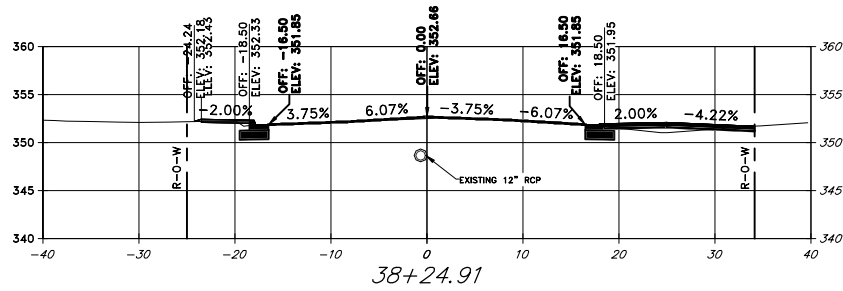
CITY OF LITTLE ROCK, ARKANSAS  
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TAYLOR CLARK  
10-11-24

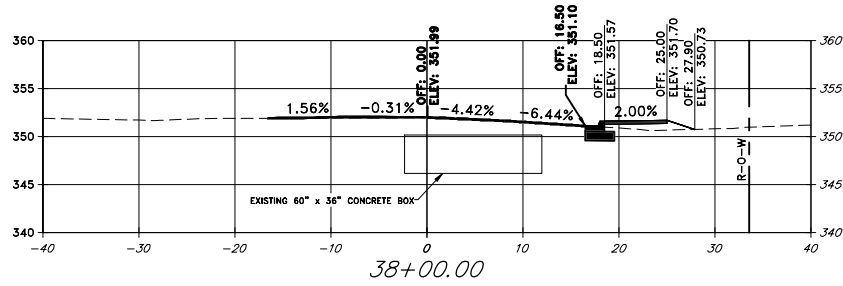
DRAWN BY  
JJW  
DESIGNED  
ACP  
CHECKED  
WTC  
DATE  
9/27/2024  
SCALE  
1:10  
PROJECT NO.  
061839  
SHEET NO.  
**C27**

W:\2019\19-5815 Little Rock Markham St. Stiff Station Sidewalk Improvements\Design Drawings\Civil\Phase 1\19-5815-CORRIDOR.dwg 9/27/24 at 10:56am



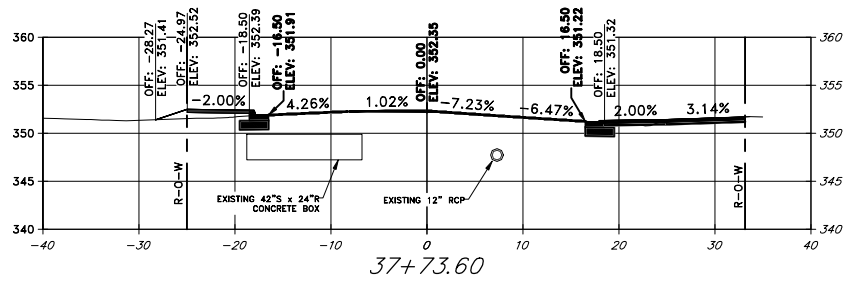
Total Volume at Station 38+24.91

Cut Area	16.89
Fill Area	2.07
Cut Vol	10.02
Fill Vol	3.56



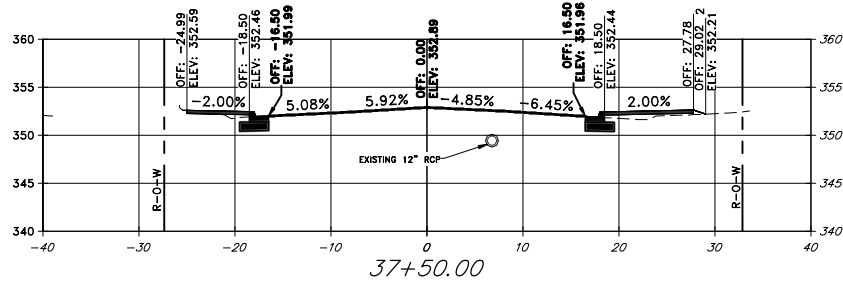
Total Volume at Station 38+00.00

Cut Area	4.83
Fill Area	5.65
Cut Vol	8.65
Fill Vol	5.77



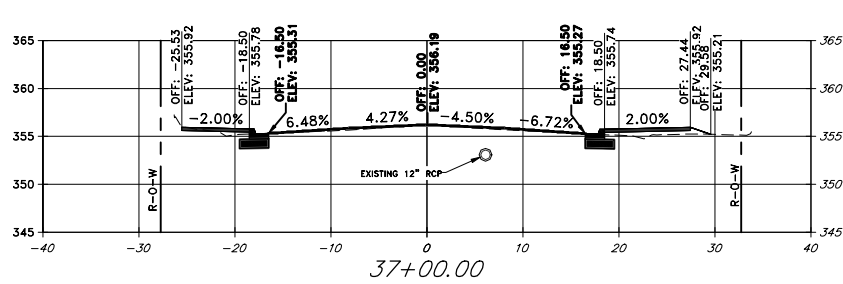
Total Volume at Station 37+73.60

Cut Area	12.87
Fill Area	6.15
Cut Vol	9.59
Fill Vol	4.52



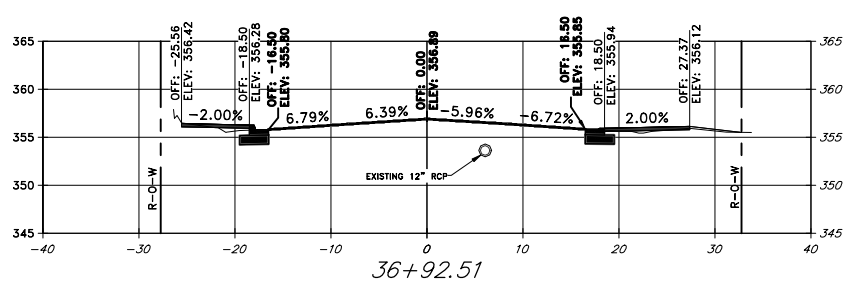
Total Volume at Station 37+50.00

Cut Area	9.07
Fill Area	4.19
Cut Vol	17.08
Fill Vol	11.12



Total Volume at Station 37+00.00

Cut Area	9.38
Fill Area	7.83
Cut Vol	2.65
Fill Vol	1.47

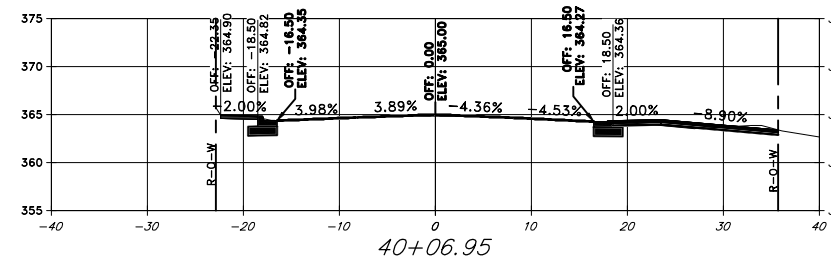


Total Volume at Station 36+92.51

Cut Area	9.73
Fill Area	2.74
Cut Vol	14.49
Fill Vol	5.26

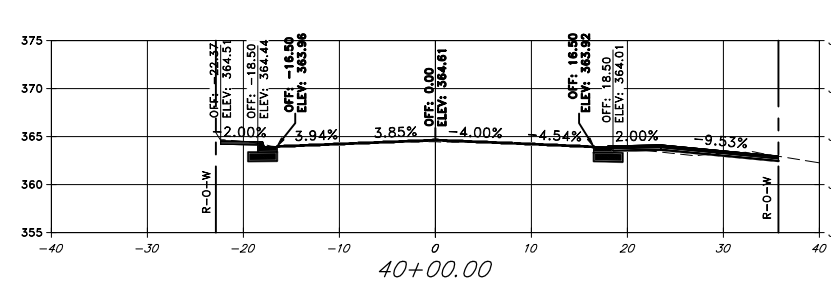
SCALE:  
1" = 10' HORIZ.  
1" = 10' VERT.

EARTHWORK QUANTITIES ARE TO BE PAID PER PLAN QUANTITIES ONLY



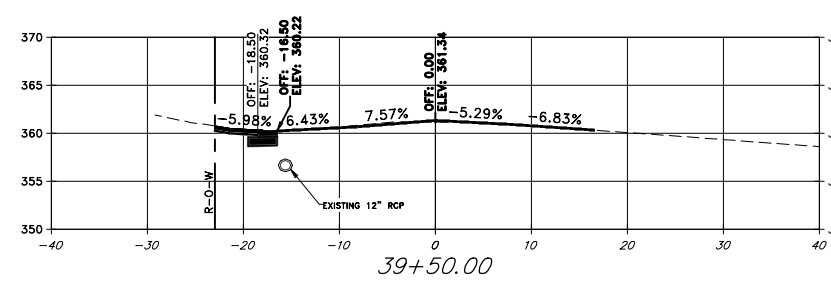
Total Volume at Station 40+06.95

Cut Area	15.01
Fill Area	1.25
Cut Vol	3.78
Fill Vol	0.44



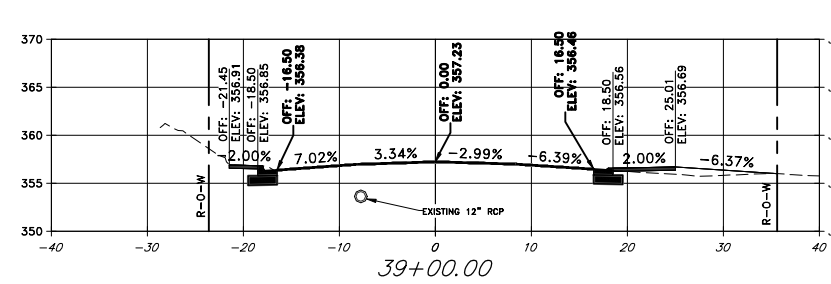
Total Volume at Station 40+00.00

Cut Area	14.39
Fill Area	2.14
Cut Vol	20.57
Fill Vol	2.41



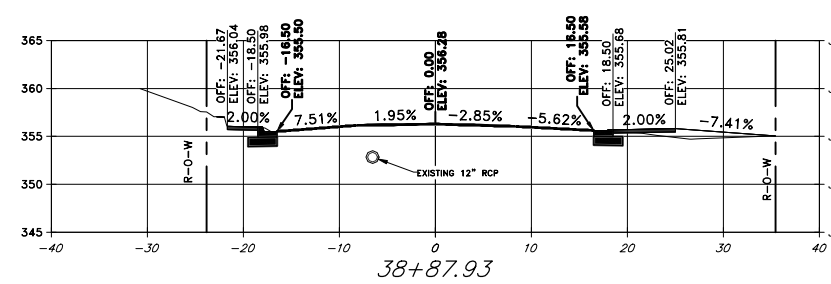
Total Volume at Station 39+50.00

Cut Area	7.82
Fill Area	0.46
Cut Vol	18.06
Fill Vol	6.10



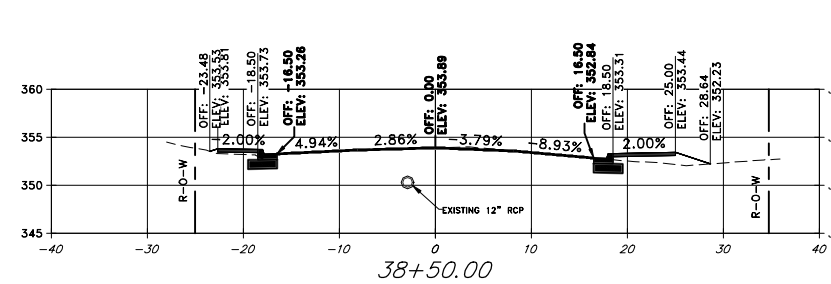
Total Volume at Station 39+00.00

Cut Area	11.69
Fill Area	6.13
Cut Vol	5.19
Fill Vol	3.00



Total Volume at Station 38+87.93

Cut Area	11.52
Fill Area	7.32
Cut Vol	14.61
Fill Vol	10.26



Total Volume at Station 38+50.00

Cut Area	9.28
Fill Area	7.29
Cut Vol	12.16
Fill Vol	4.35

REVISIONS DATE

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

CROSS SECTIONS (SHEET 3 OF 4)



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



STATE OF ARKANSAS  
LICENSED PROFESSIONAL ENGINEER  
Taylor & Clark  
No. 18021  
TAYLOR & CLARK  
10-11-24

DRAWN BY

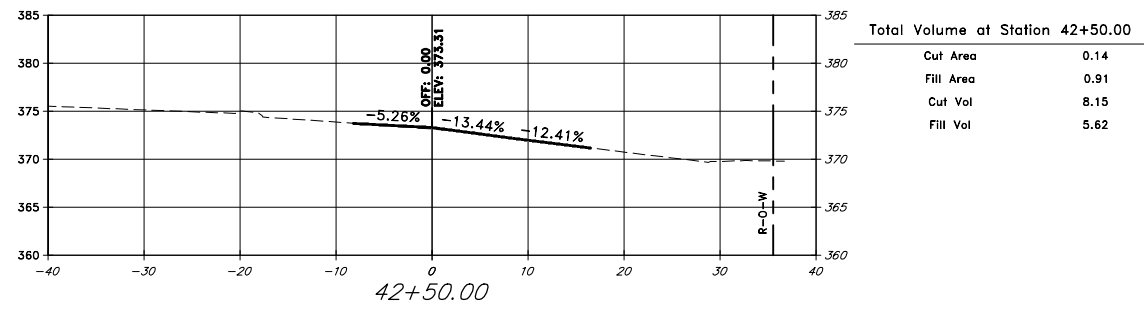
JJW  
DESIGNED  
ACP  
CHECKED  
WTC

DATE  
9/27/2024  
SCALE  
1:10

PROJECT NO.  
061839

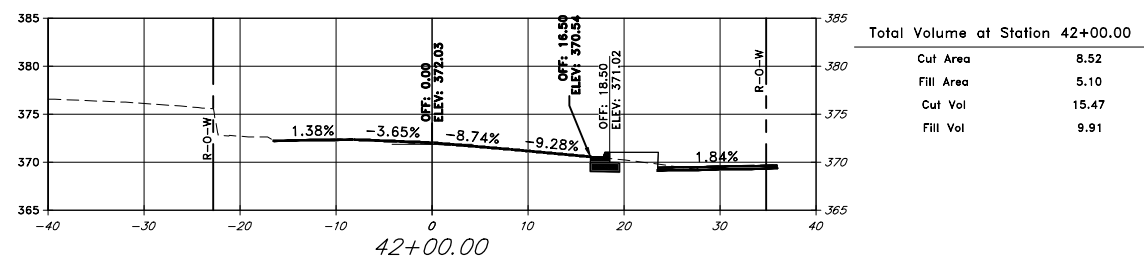
SHEET NO.  
C28

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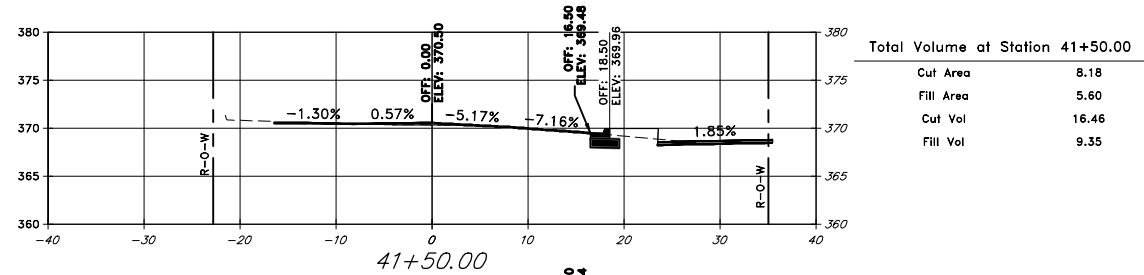
Total Volume at Station 42+50.00

Cut Area	0.14
Fill Area	0.91
Cut Vol	8.15
Fill Vol	5.62



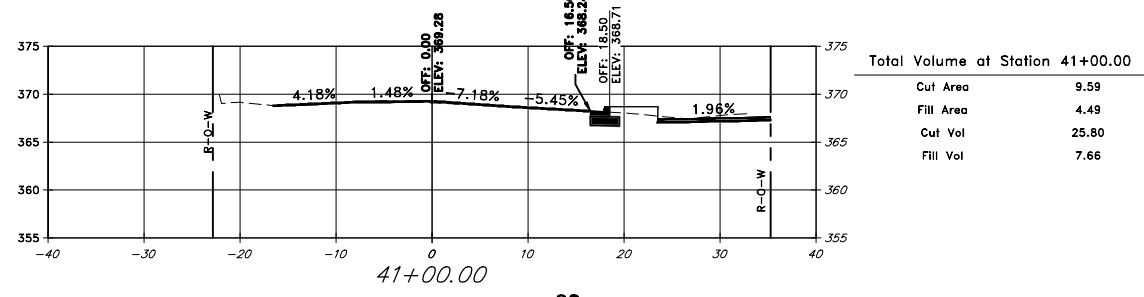
Total Volume at Station 42+00.00

Cut Area	8.52
Fill Area	5.10
Cut Vol	15.47
Fill Vol	9.91



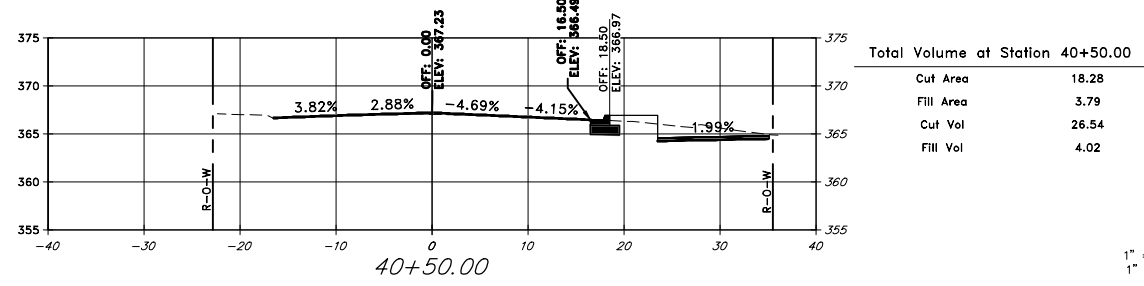
Total Volume at Station 41+50.00

Cut Area	8.18
Fill Area	5.80
Cut Vol	16.46
Fill Vol	9.35



Total Volume at Station 41+00.00

Cut Area	9.59
Fill Area	4.49
Cut Vol	25.80
Fill Vol	7.66



Total Volume at Station 40+50.00

Cut Area	18.28
Fill Area	3.79
Cut Vol	26.54
Fill Vol	4.02

SCALE:  
1" = 10' HORIZ.  
1" = 10' VERT.

EARTHWORK QUANTITIES ARE TO BE PAID PER PLAN QUANTITIES ONLY

REVISIONS	DATE

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

CROSS SECTIONS (SHEET 4 OF 4)

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

STATE OF ARKANSAS  
LICENSED PROFESSIONAL ENGINEER  
Taylor Clark  
No. 18021  
10-11-24

DRAWN BY	JJW
DESIGNED	ACP
CHECKED	WTC
DATE	9/27/2024
SCALE	1:10
PROJECT NO.	061839
SHEET NO.	C29