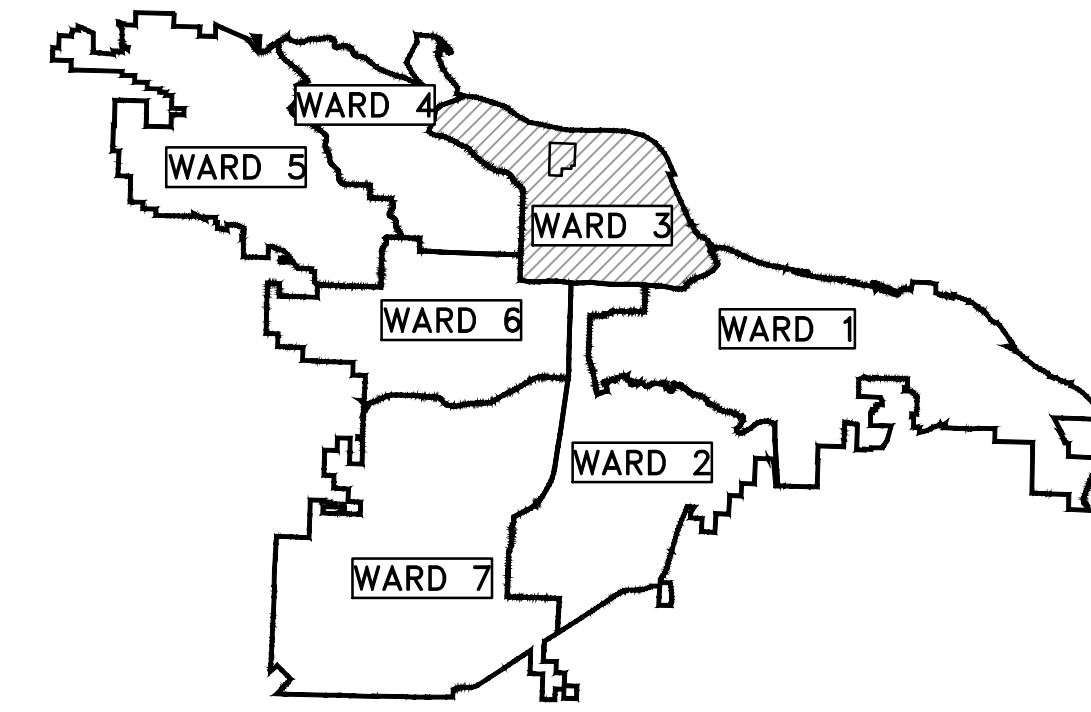


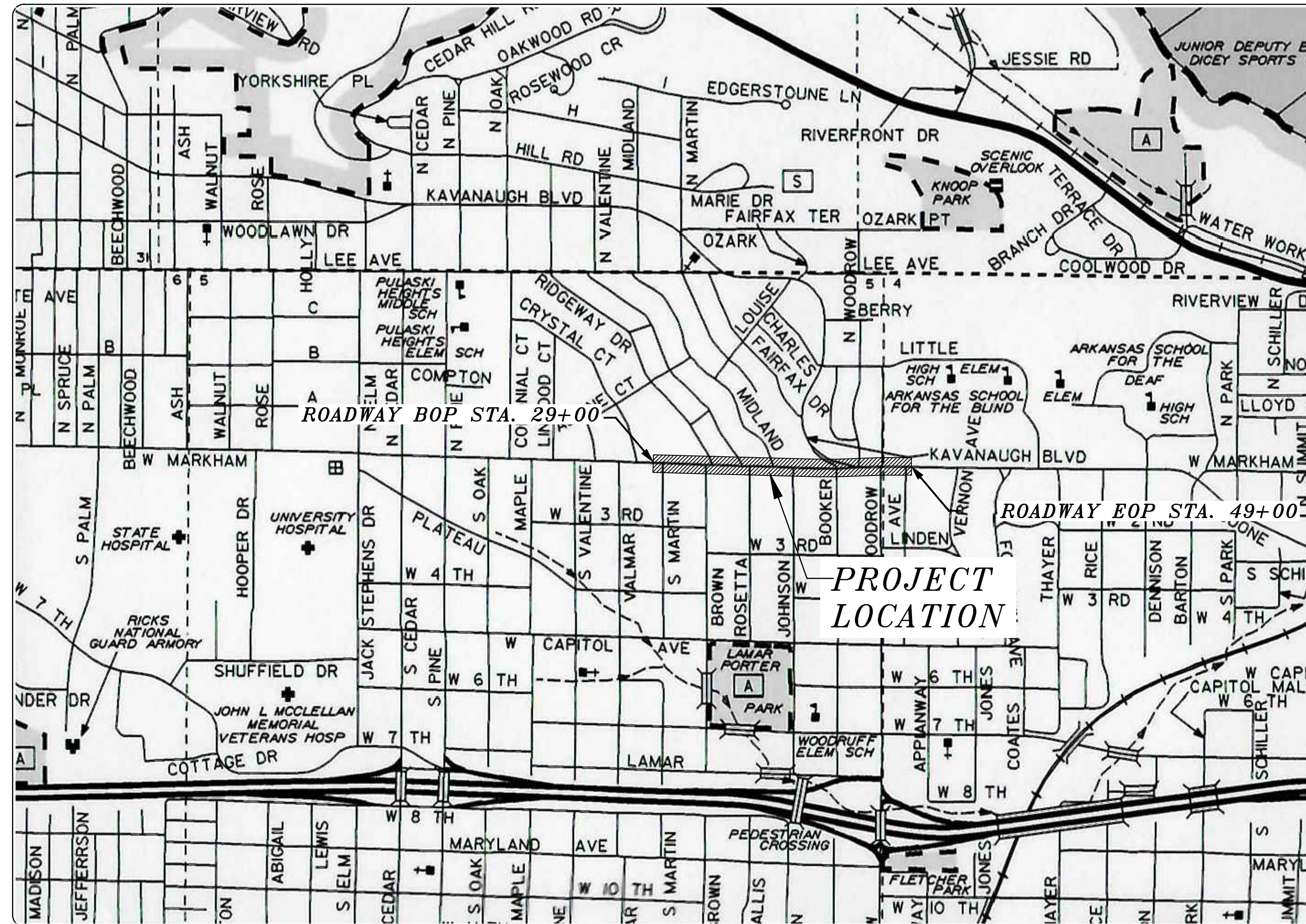
JOB 061839

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

LITTLE ROCK, ARKANSAS



PROJECT LOCATION - WARD 3



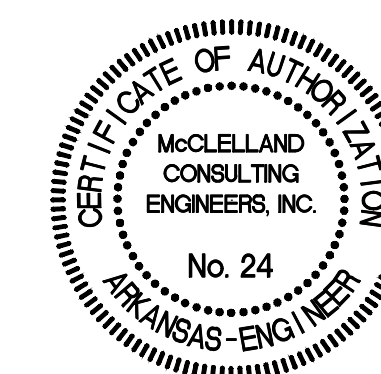
SHEET NO.	TITLE
C1	COVER SHEET
C2	LEGEND AND QUANTITIES
C3	TOPOGRAPHIC SURVEY
C4	TOPOGRAPHIC SURVEY
C5	TOPOGRAPHIC SURVEY
C6	TOPOGRAPHIC SURVEY
C7	PROJECT OVERVIEW
C8	TYPICAL SECTIONS
C9	TYPICAL SECTIONS
C10	SPECIAL DETAILS
C11	SPECIAL DETAILS
C12	PLAN AND PROFILE
C13	PLAN AND PROFILE
C14	PLAN AND PROFILE
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



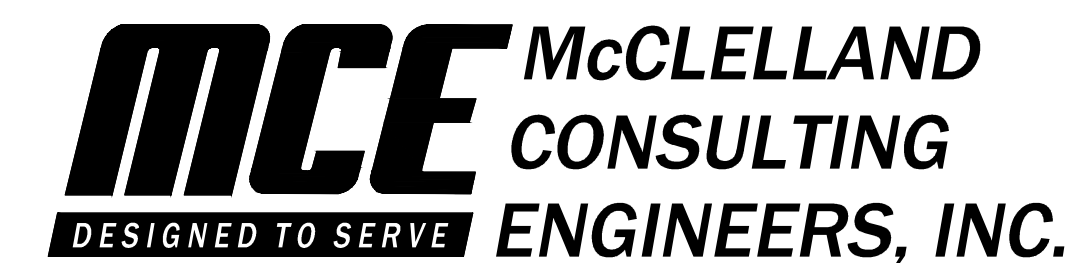
W:\2019\19-5815 Little Rock\Markham St. Stiff Station\Sidewalk Improvements\Design Drawings\Civil\Phase 1\19-5815-CVR.dwg, 7/2/24, at 12:09pm

100% SUBMITTAL JULY 2024

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



811 Know what's below.
Call before you dig.



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

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

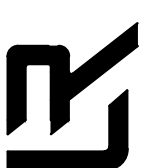
REVISIONS	DATE

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

COVER SHEET



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



SEAL

DRAWN BY	
JJW	
DESIGNED	
ACP	
CHECKED	
WTC	
DATE	
7/2/2024	
SCALE	
NTS	
PROJECT NO.	
061839	
SHEET NO.	
C1	

SURVEYOR'S NOTES:

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.

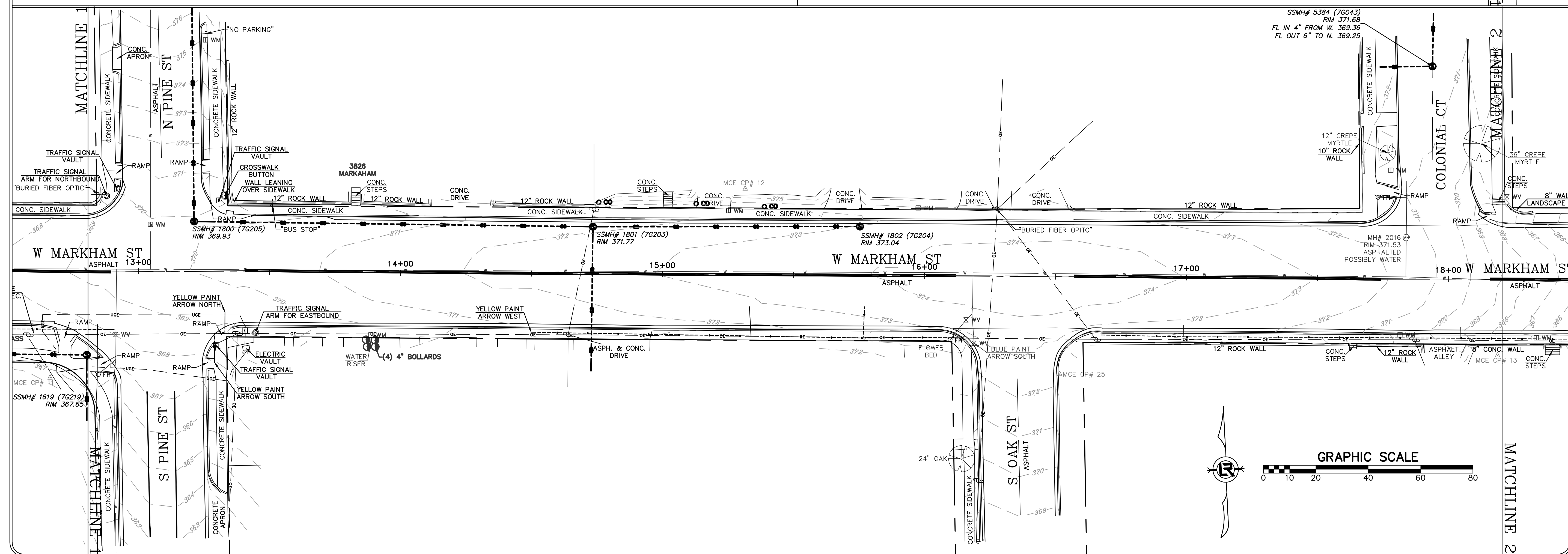
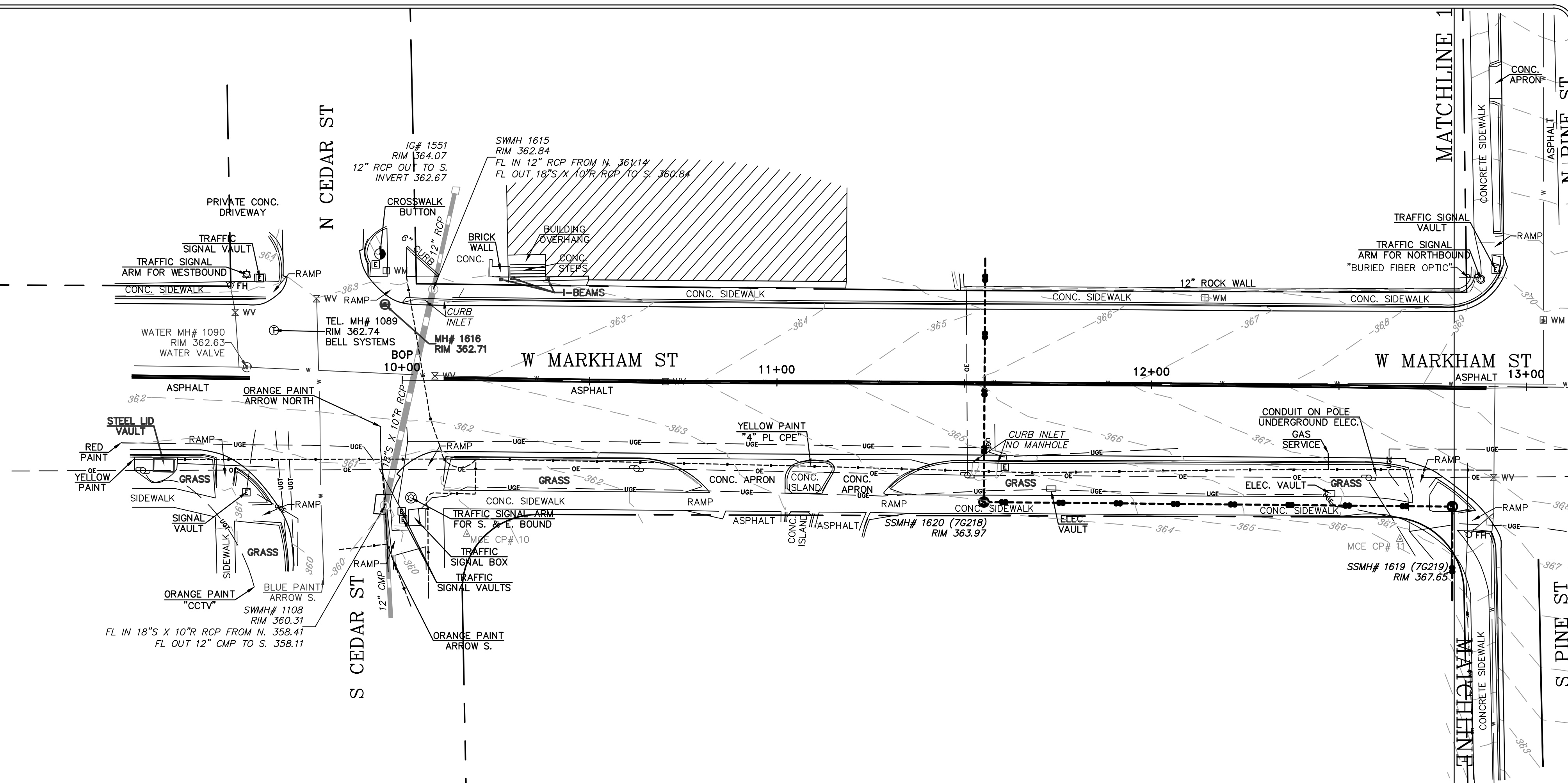
THIS IS A TOPOGRAPHIC SURVEY ONLY AND IN NO WAY SHOULD BE INTERPRETED AS A PROPERTY BOUNDARY SURVEY. ANY PROPERTY LINES SHOWN ARE FOR REFERENCE ONLY AND HAVE NOT BEEN VERIFIED.

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 VISUAL INSPECTION AND THE PULASKI AREA GIS ONLINE MAPPING STORMWATER 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.

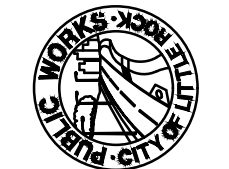
Point #	Northing	Eastng	Elevation	Description
10	152279.6320	1216999.3680	360.58	1/2" REBAR & MCE CAP
11	152265.2550	1217247.9590	366.69	60D NAIL & SHINER
12	152323.3910	1217516.6550	376.16	60D NAIL & SHINER
13	152244.8390	1217800.0820	372.06	60D NAIL & SHINER
14	152233.9910	1218061.7060	355.32	60D NAIL & 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

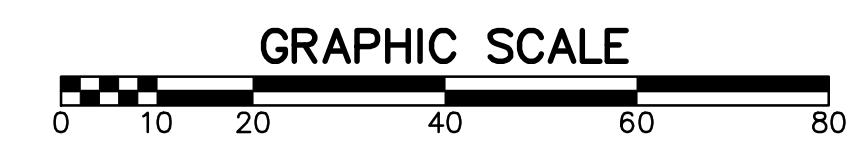
**CITY OF LITTLE ROCK, ARKANSAS
MARKHAM ST. STIFFT STATION
SIDEWALK IMPROVEMENTS PH I**

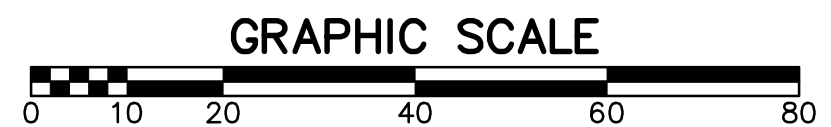
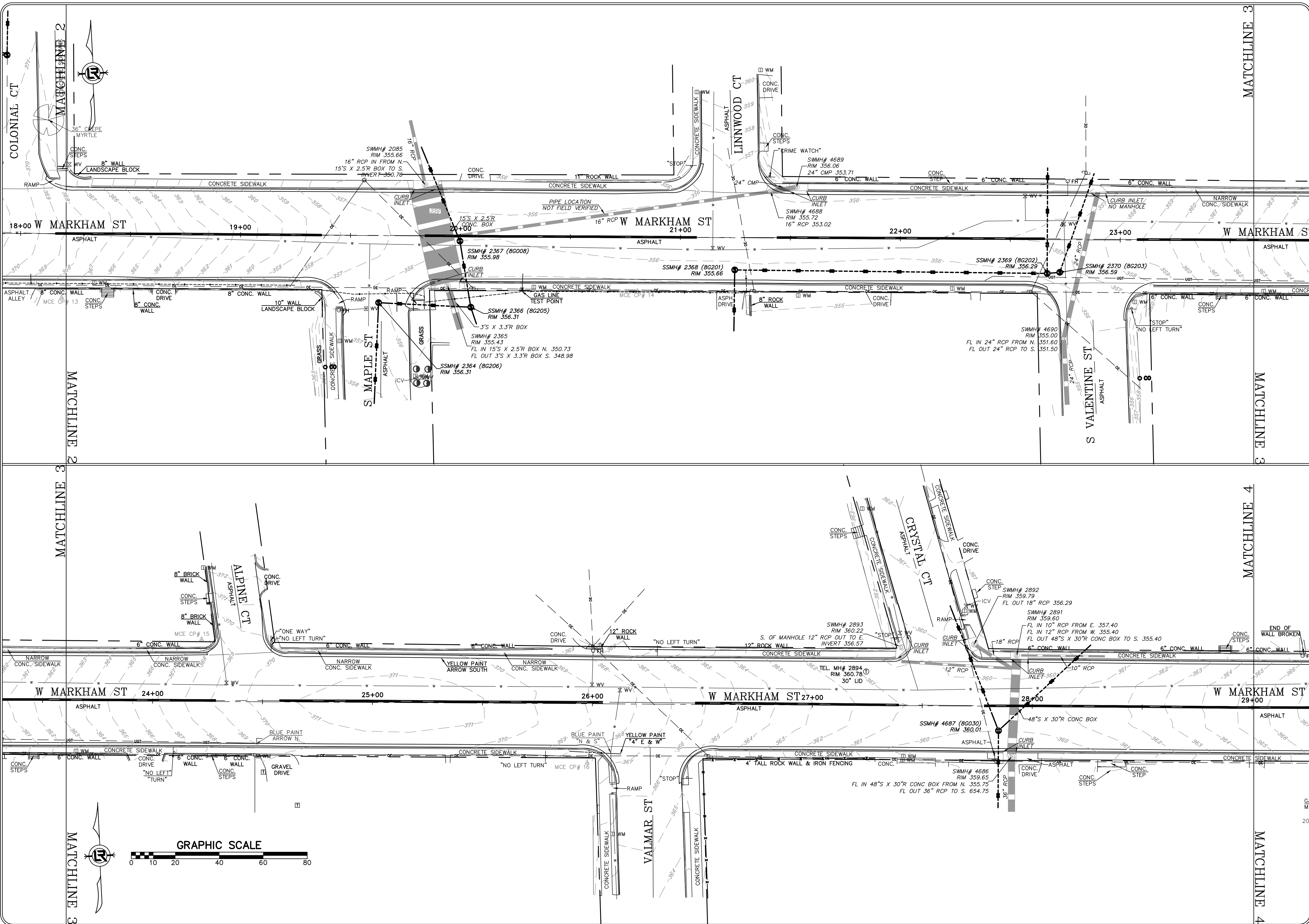
TOPOGRAPHIC SURVEY


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


DRAWN BY
JDM
DESIGNED
NA
CHECKED
KLS
DATE
7/2/2024
SCALE
1" = 20'

PROJECT NO.
061839
SHEET NO.
C3





REVISIONS	DATE

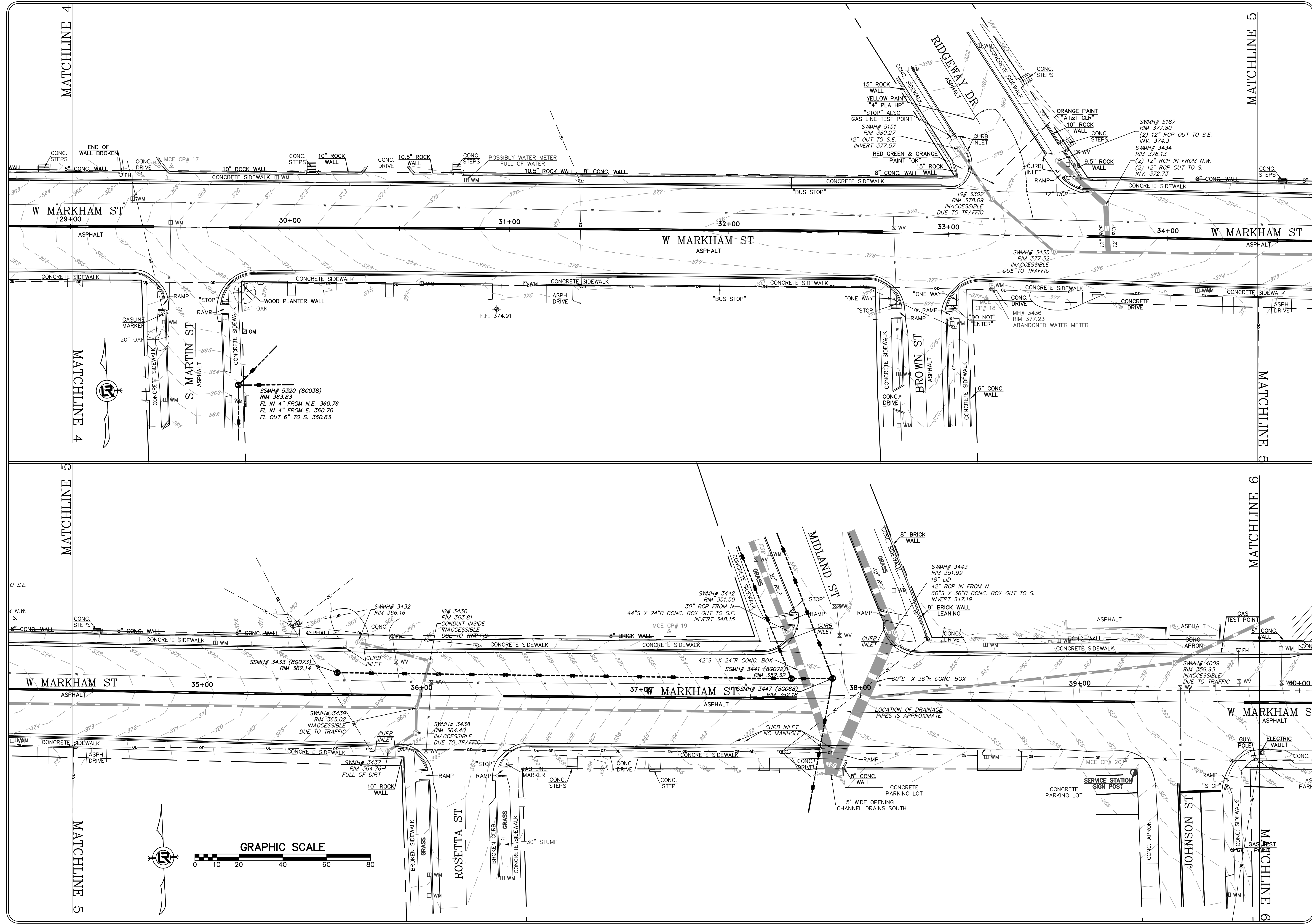
CITY OF LITTLE ROCK, ARKANSAS
 MARKHAM ST. STIFF STATION
 SIDEWALK IMPROVEMENTS

TOPOGRAPHIC SURVEY

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


DRAWN BY
 JDM
 DESIGNED
 NA
 CHECKED
 KLS
 DATE
 7/2/2024
 SCALE
 1" = 20'

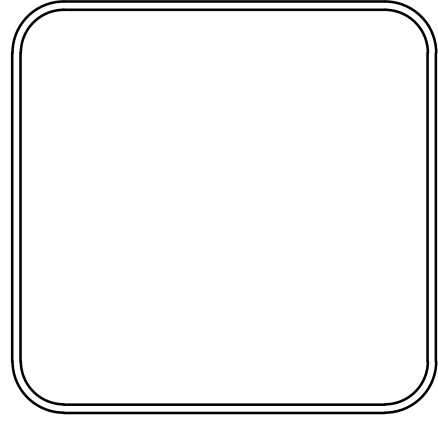
PROJECT NO.
 061839
 SHEET NO.
 C4



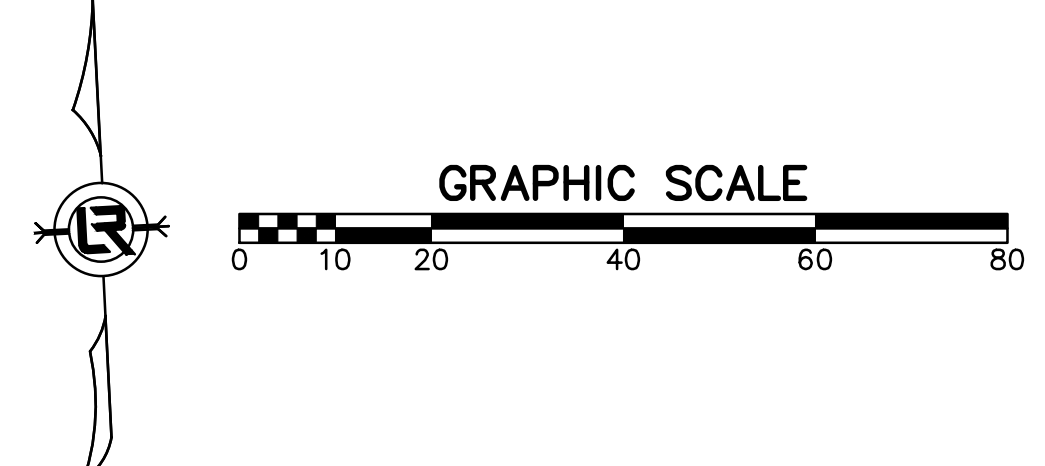
REVISIONS	DATE

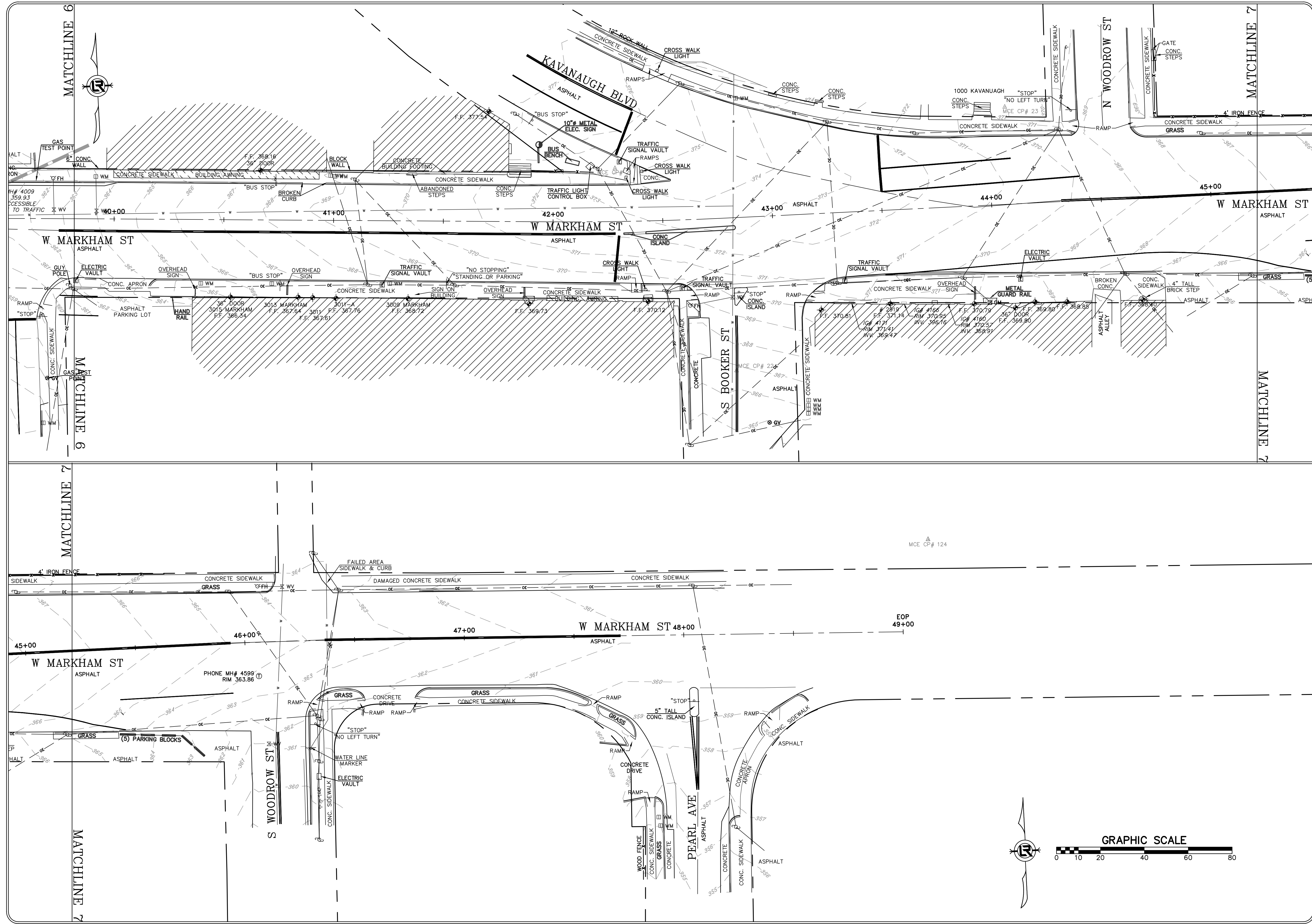
CITY OF LITTLE ROCK, ARKANSAS
 MARKHAM ST. STIFFT STATION
 SIDEWALK IMPROVEMENTS
 TOPOGRAPHIC SURVEY


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



DRAWN BY
JDM
 DESIGNED
NA
 CHECKED
KLS
 DATE
7/2/2024
 SCALE
1" = 20'
 PROJECT NO.
061839
 SHEET NO.
C5





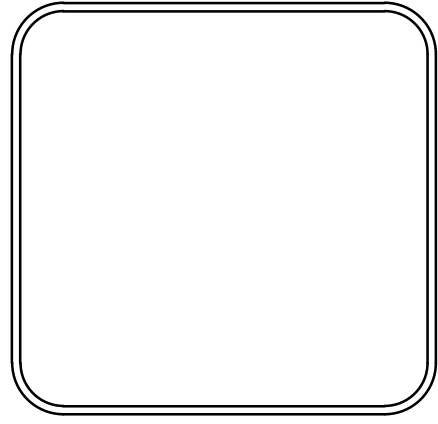
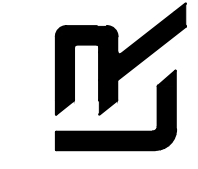
REVISIONS	DATE

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

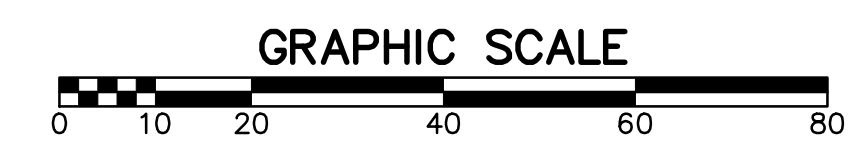
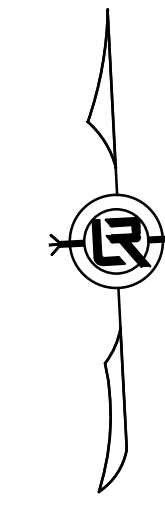
TOPOGRAPHIC SURVEY



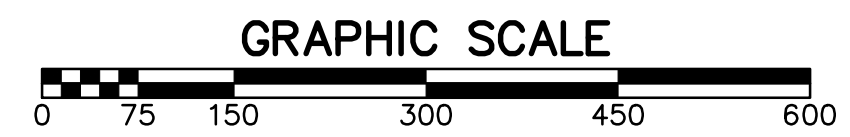
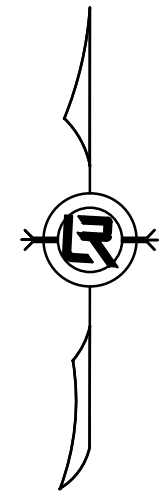
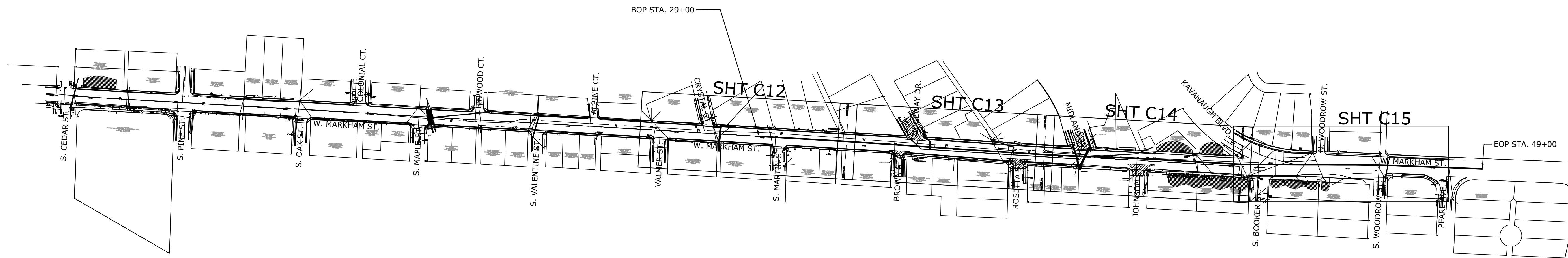
DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201



DRAWN BY JDM
DESIGNED NA
CHECKED KLS
DATE 7/2/2024
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 7/2/24 at 12:10pm



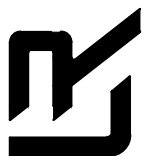
REVISIONS	DATE

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

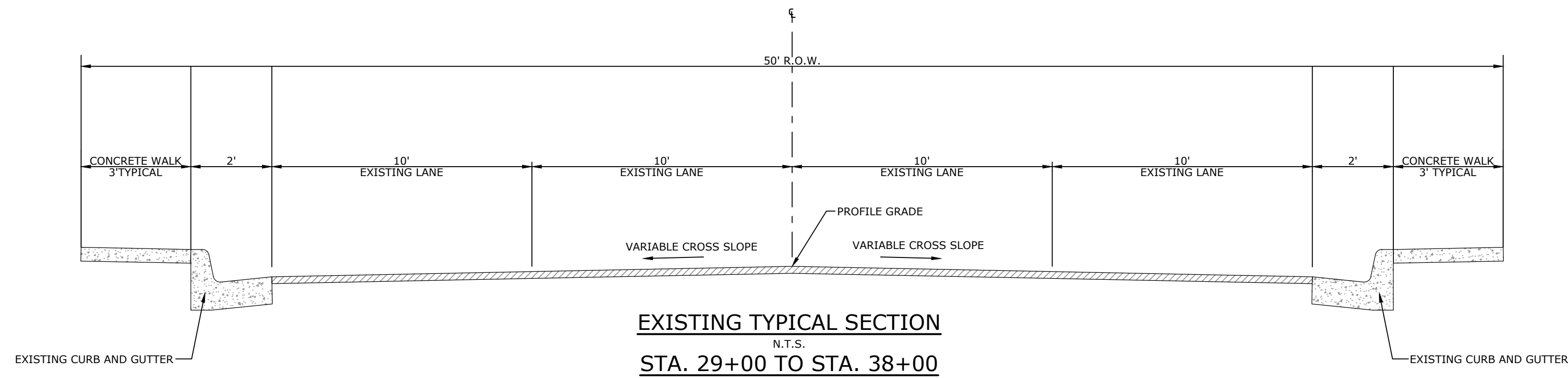


DRAWN BY
 JJW
 DESIGNED
 ACP
 CHECKED
 WTC
 DATE
 7/2/2024
 SCALE
 1"=150'

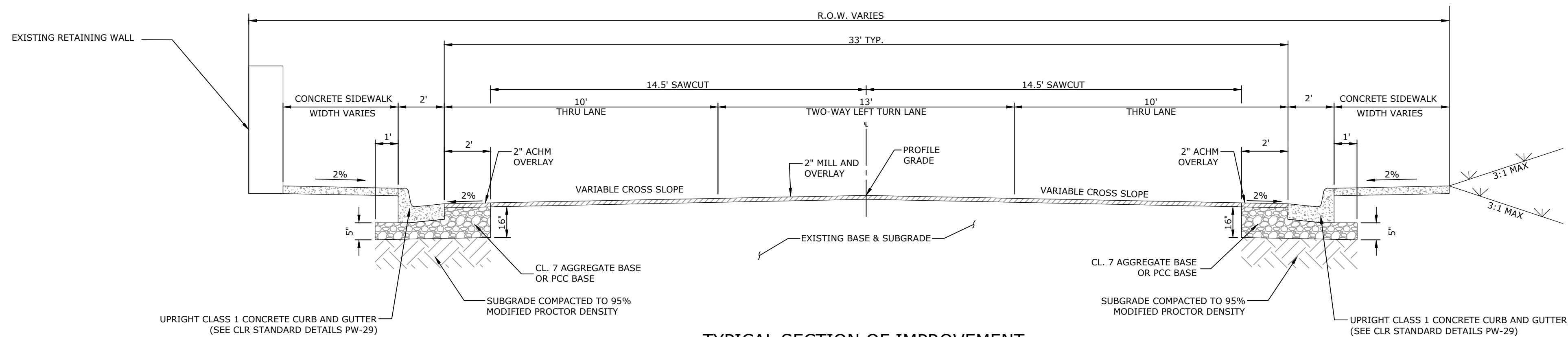
PROJECT NO.
 061839

SHEET NO.
C7

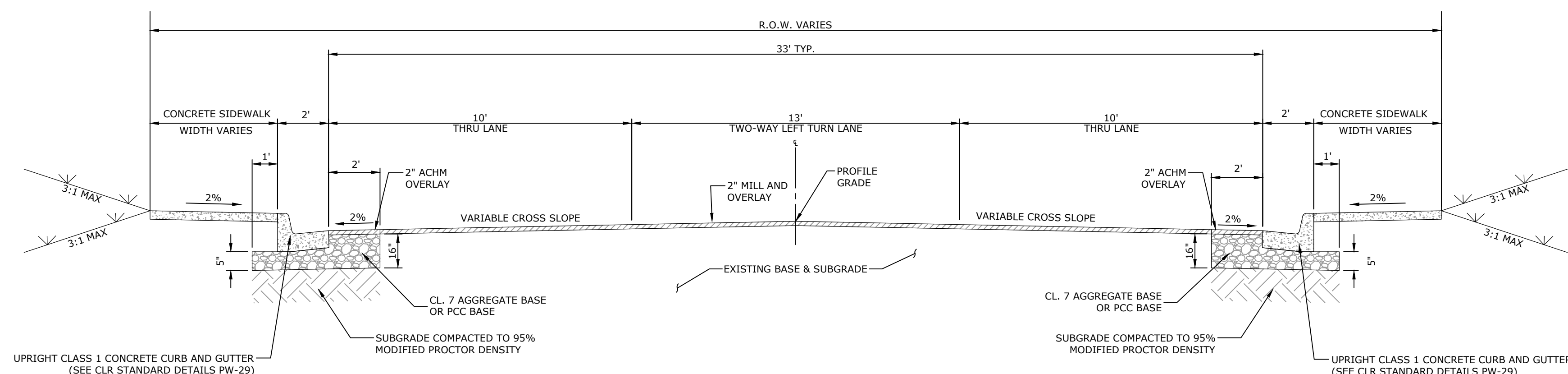
W:\2019\19-5815_Little_Rock_Markham_St_Stiff_Station_Sidewalk_Improvements\Design Drawings\Civil\Phase 1\19-5815-TYPICAL SECTION.dwg 7/22/24 at 12:10pm



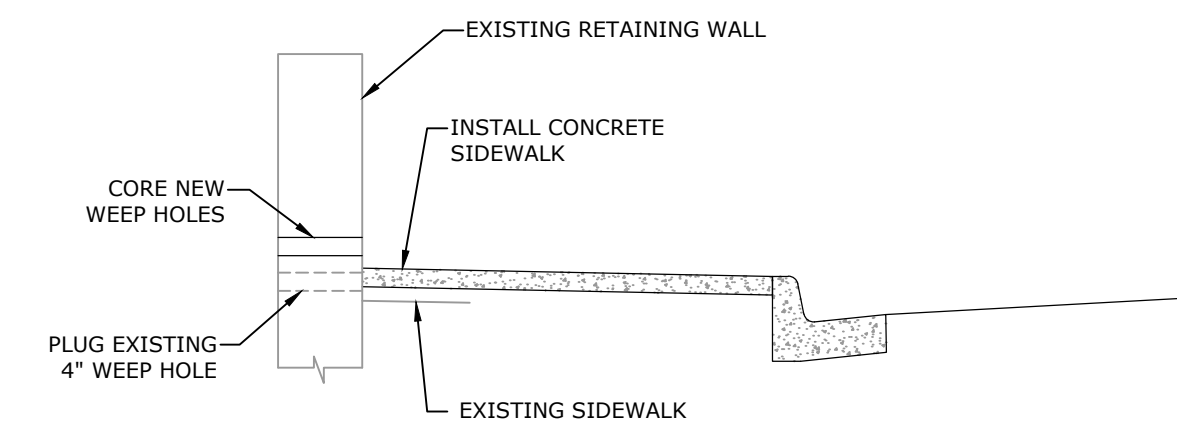
EXISTING TYPICAL SECTION
N.T.S.
STA. 29+00 TO STA. 38+00



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



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



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.

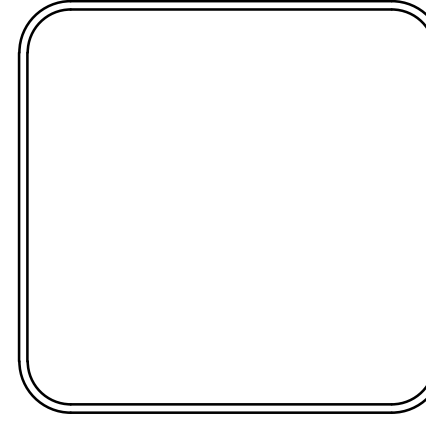
REVISIONS	DATE

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

TYPICAL SECTION

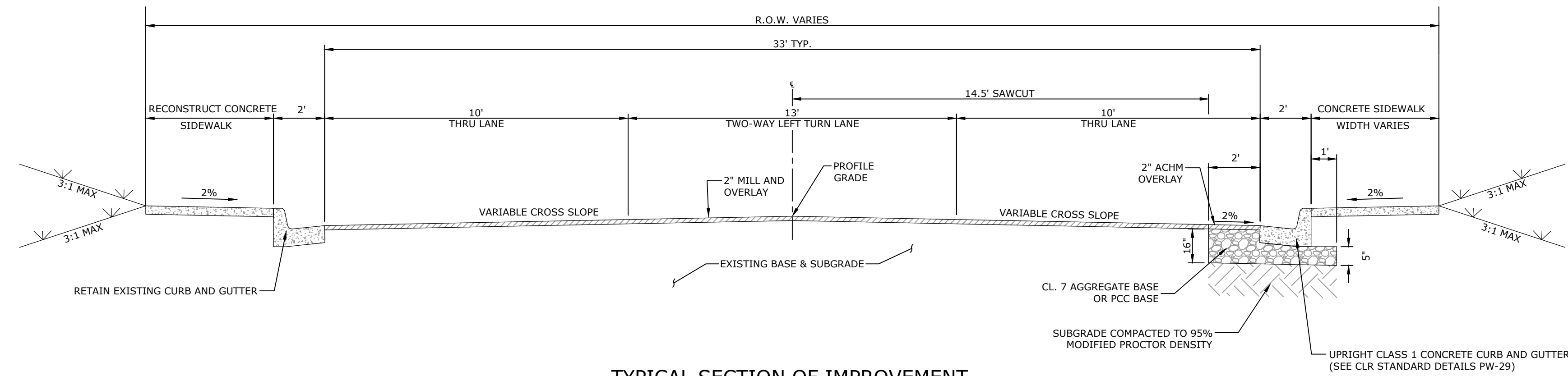


DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

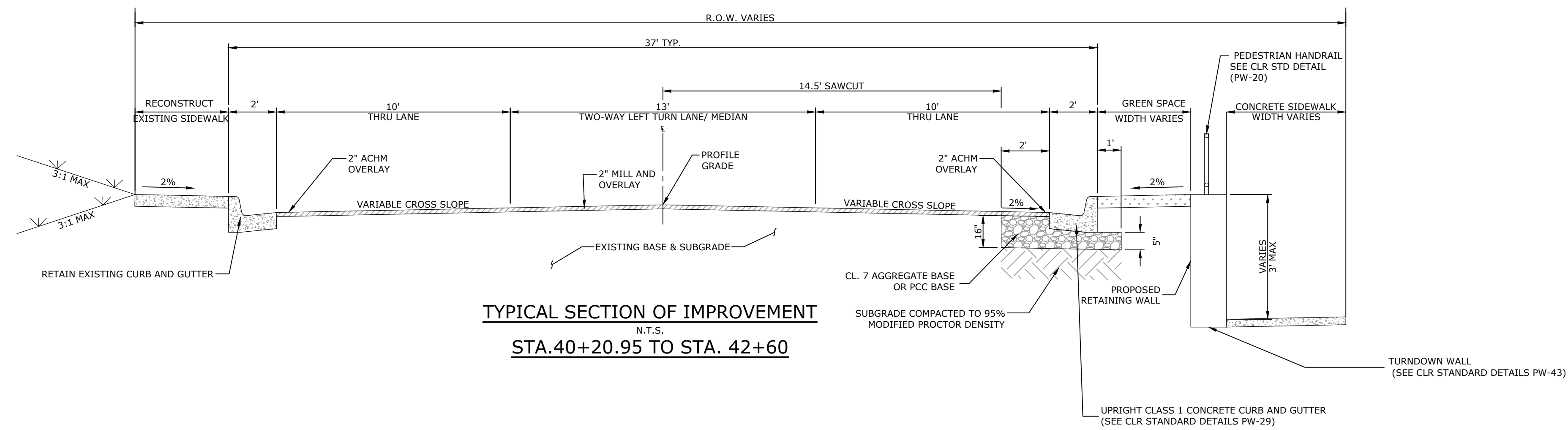


DRAWN BY JJW
DESIGNED ACP
CHECKED WTC
DATE 7/2/2024
SCALE N.T.S.
PROJECT NO. 061839
SHEET NO. C8

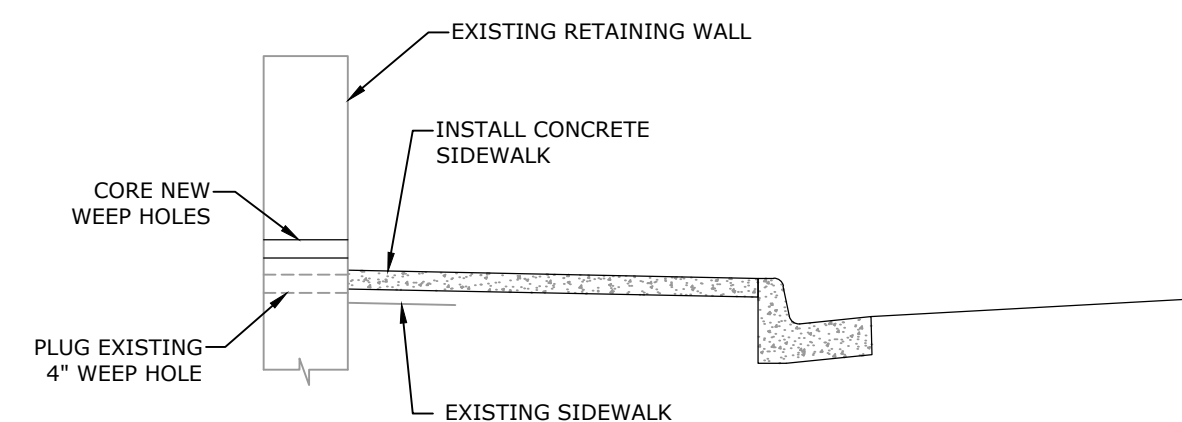
REVISIONS	DATE



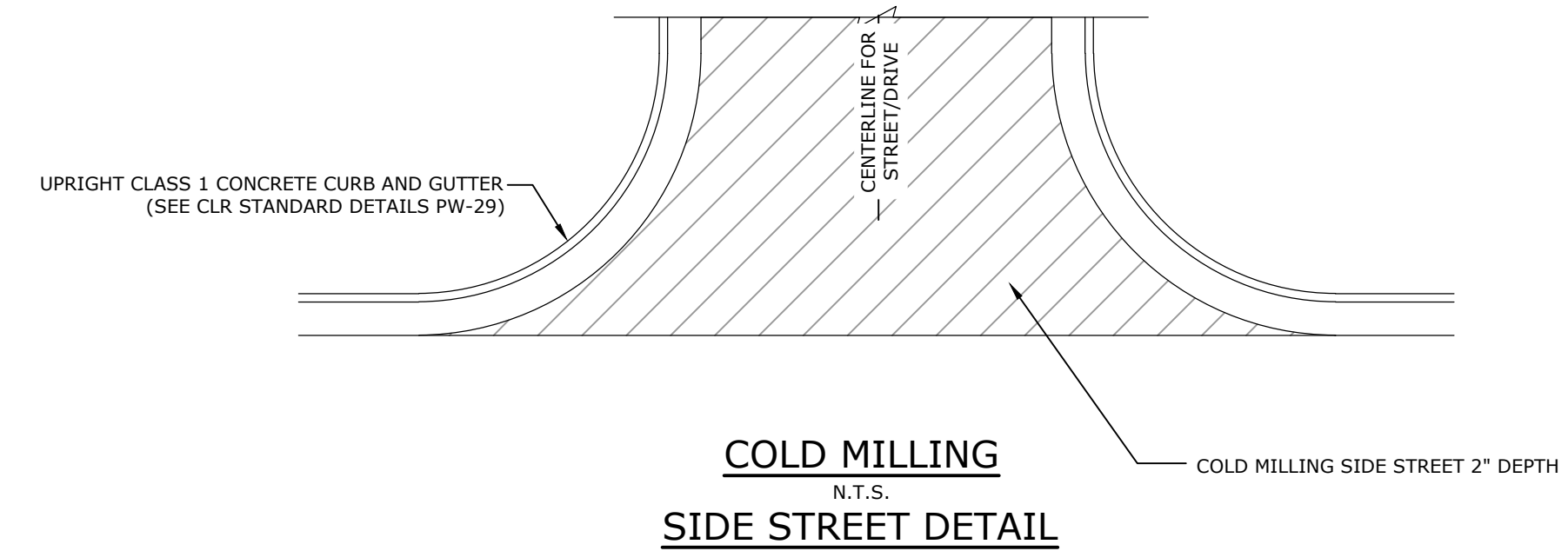
TYPICAL SECTION OF IMPROVEMENT
N.T.S.
STA. 38+32.44 TO STA. 40+20.95



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



TYPICAL SECTION AT WALL
N.T.S.



COLD MILLING
N.T.S.
SIDE STREET DETAIL

TYPICAL SECTION GENERAL NOTES

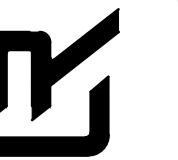
1. PRIOR TO AND DURING PLACEMENT OF PAVEMENT IN FRONT OF THE CURB AND GUTTER, THE CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AT ALL TIMES. THE METHOD(S) USED SHALL BE APPROVED BY THE ENGINEER. PAYMENT FOR THIS WORK SHALL BE CONSIDERED INCLUDED IN THE PRICE BID FOR THE VARIOUS CONTRACT ITEMS.
2. REFER TO CROSS SECTIONS FOR DEVIATIONS FROM NORMAL SLOPES. NO CHANGES SHALL BE MADE FROM THE PLANNED SLOPES WITHOUT THE APPROVAL OF THE ENGINEER.
3. 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.

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

TYPICAL SECTION



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



DRAWN BY

JJW

DESIGNED

ACP

CHECKED

WTC

DATE

7/2/2024

SCALE

N.T.S.

PROJECT NO.

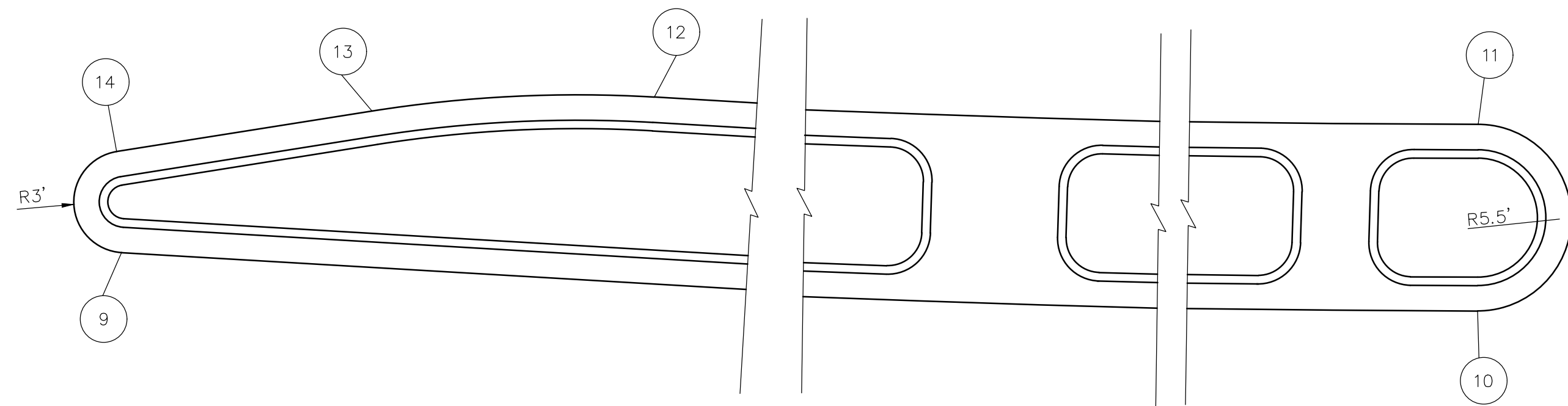
061839

SHEET NO.

C9

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.

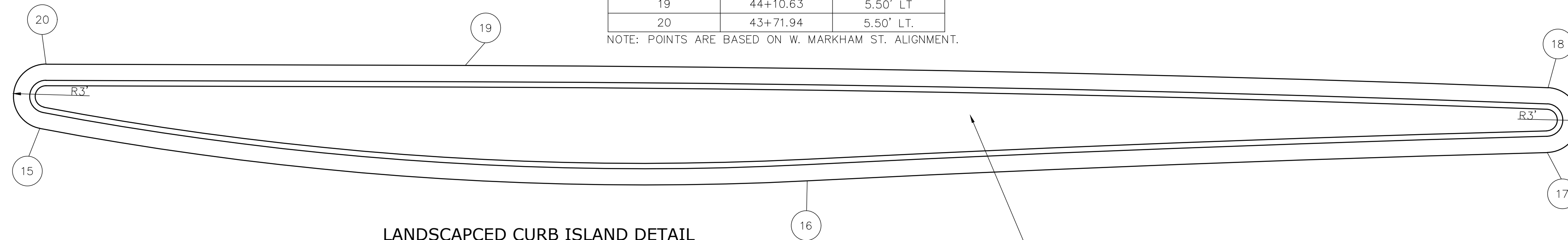
NOTE: POINTS ARE BASED ON W. MARKHAM ST. ALIGNMENT.



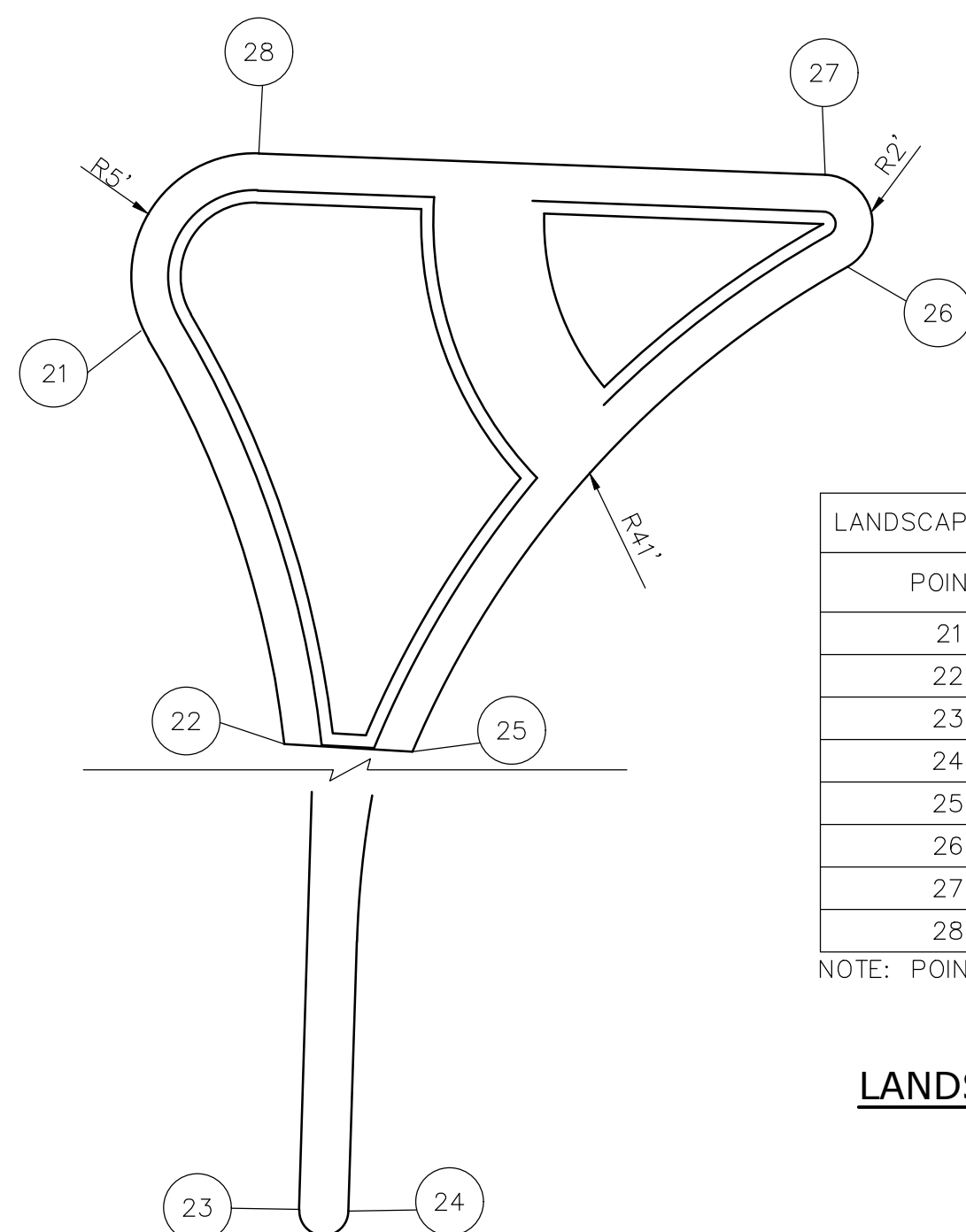
LANDSCAPCED CURB ISLAND DETAIL
N.T.S.
STA.41+05.84 TO STA.42+86.48

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.



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



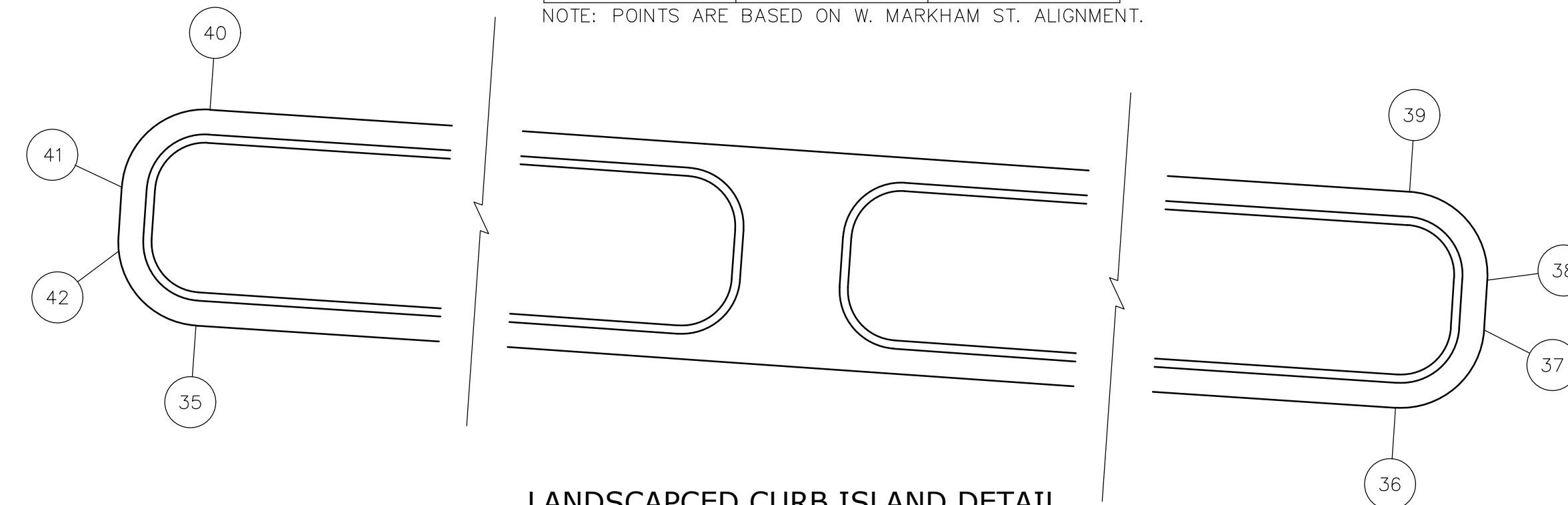
LANDSCAPED CURB ISLAND POINT TABLE (BOX 4 OF 5)		
POINT	STATION	OFFSET
21	42+74.58	24.86' RT.
22	42+80.08	41.28' RT.
23	42+79.79	67.27' RT.
24	42+81.73	67.32' RT.
25	42+85.25	41.56' RT.
26	43+02.86	21.80' RT.
27	43+01.95	18.06' RT.
28	42+78.96	17.28' RT.

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

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

LANDSCAPED CURB ISLAND POINT TABLE (BOX 5 OF 5)		
POINT	STATION	OFFSET
35	33+19.30	6.50' RT.
36	35+87.16	6.50' RT.
37	35+92.07	1.50' RT.
38	35+92.07	1.50' LT.
39	35+87.08	6.50' LT.
40	33+19.31	6.50' LT.
41	33+14.30	1.50' LT.
42	33+14.30	1.50' RT.

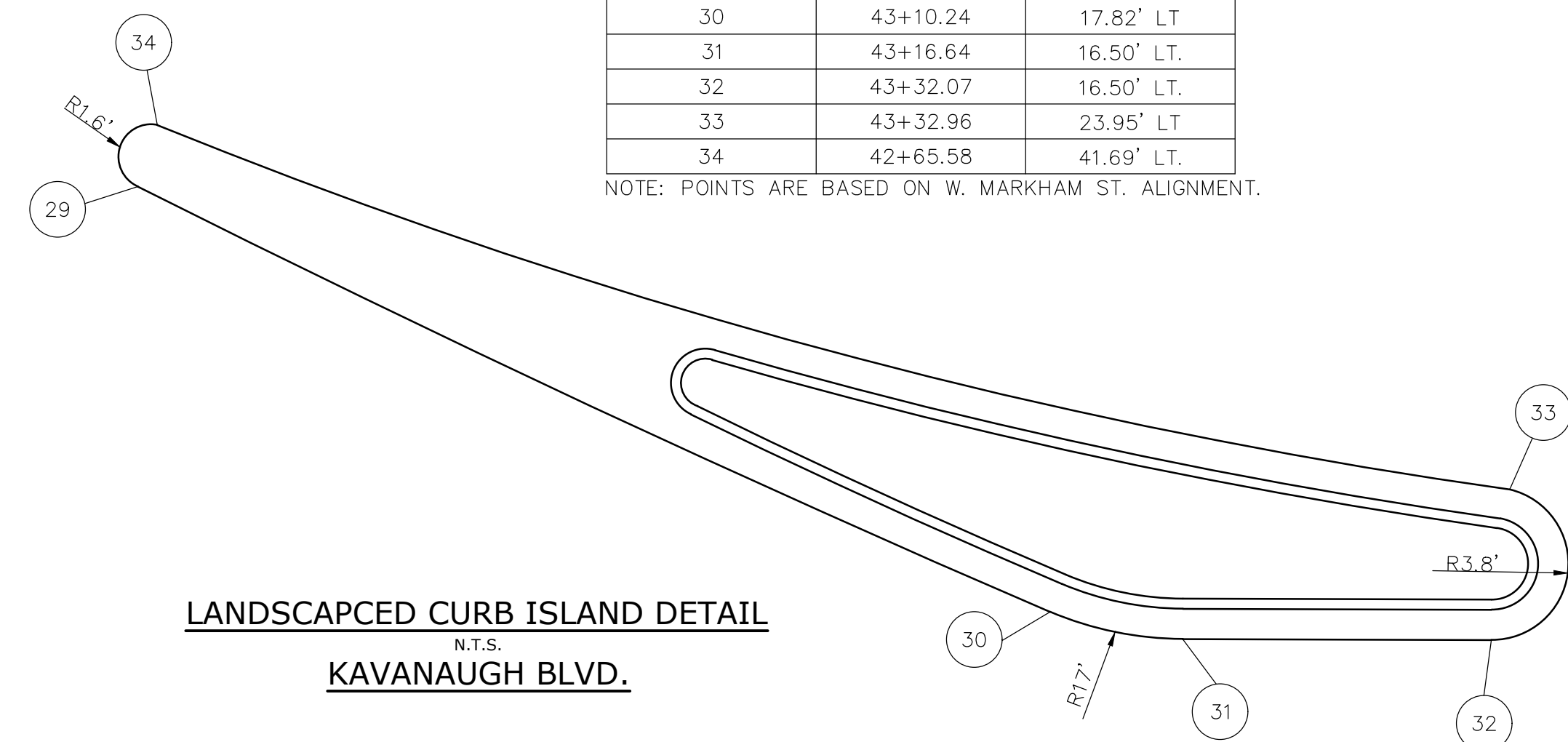
NOTE: POINTS ARE BASED ON W. MARKHAM ST. ALIGNMENT.



LANDSCAPCED CURB ISLAND DETAIL
N.T.S.
STA.32+93.88 TO STA.35+92.07

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.



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

REVISIONS	DATE

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

SPECIAL DETAILS



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



DRAWN BY

JJW

DESIGNED

ACP

CHECKED

WTC

DATE

7/2/2024

SCALE

N.T.S.

PROJECT NO.

061839

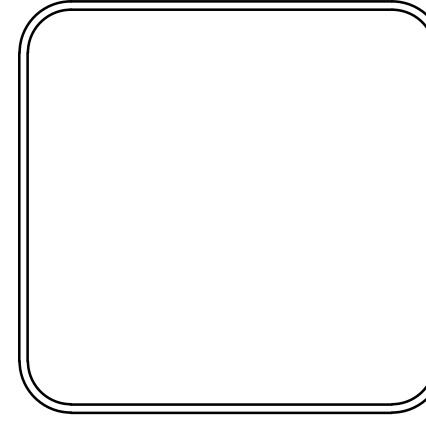
SHEET NO.

C10

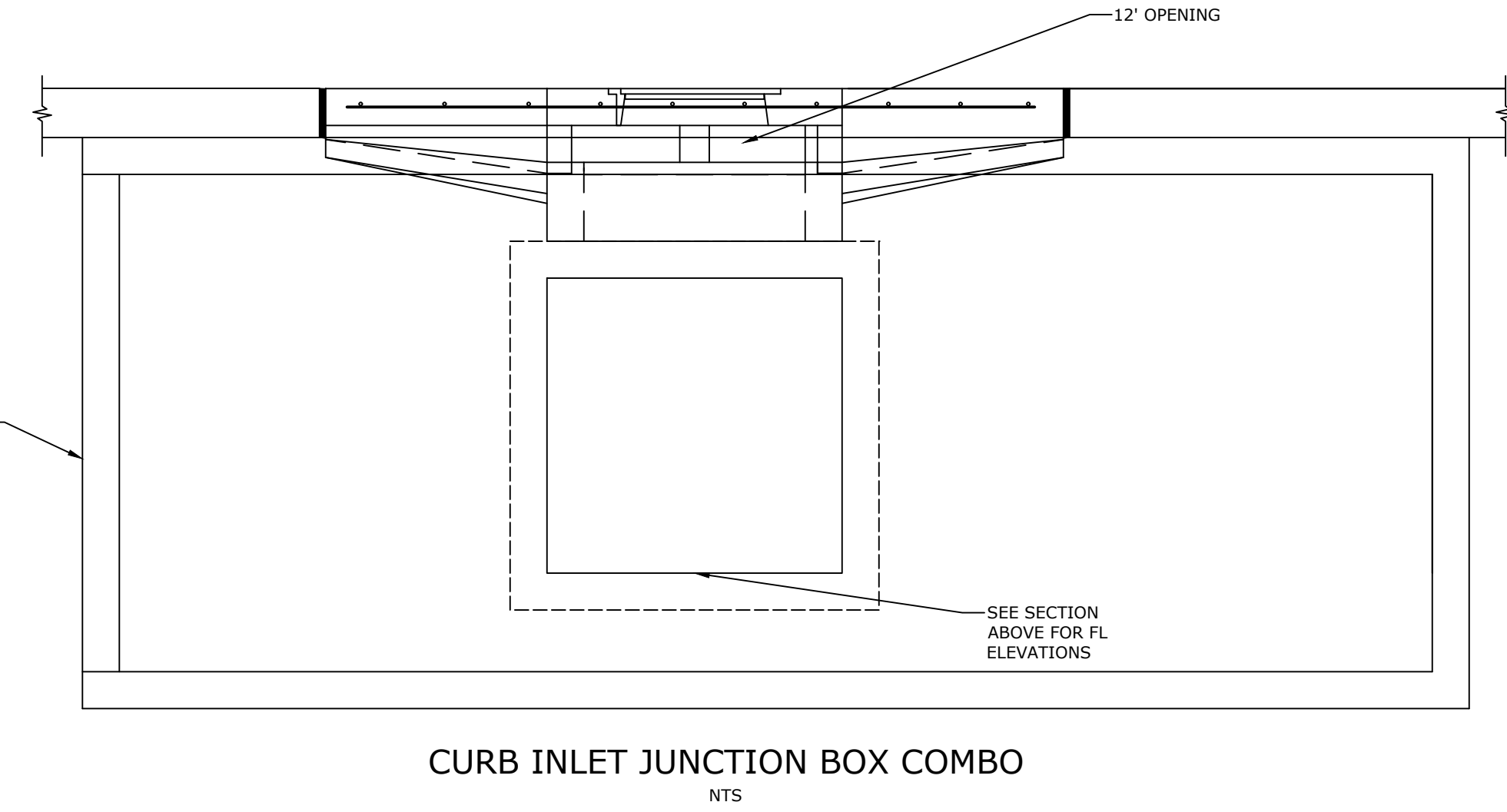
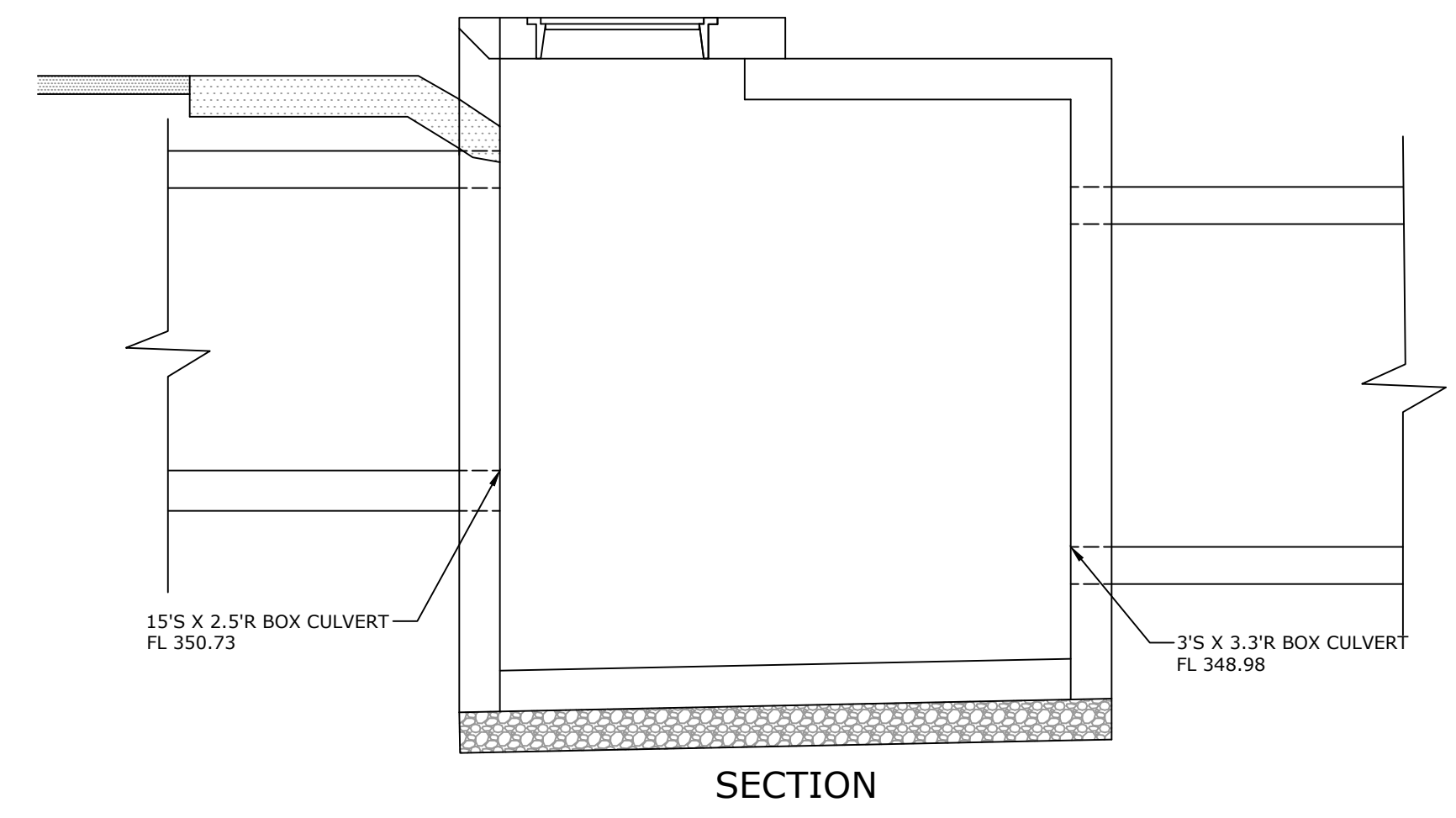
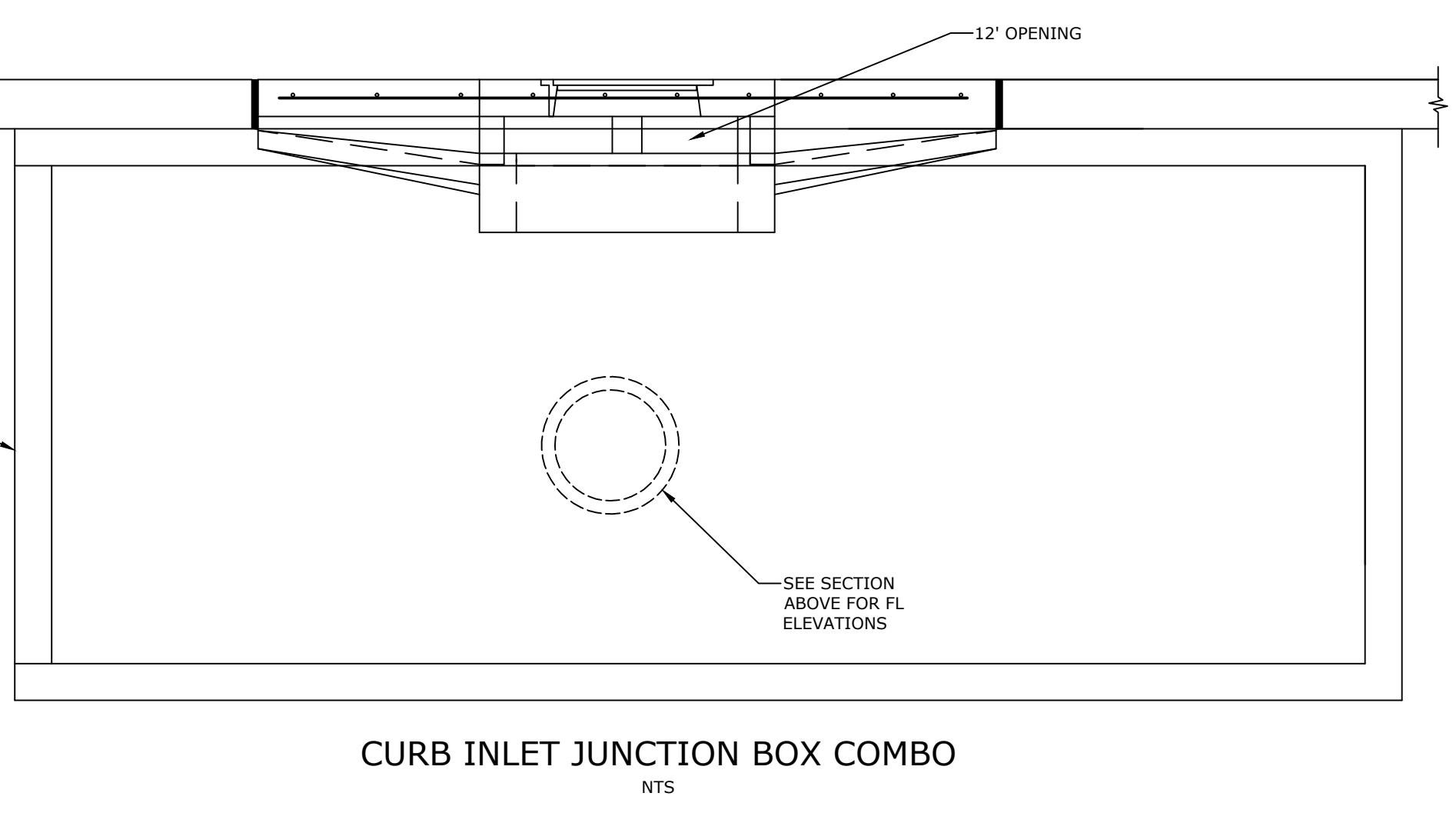
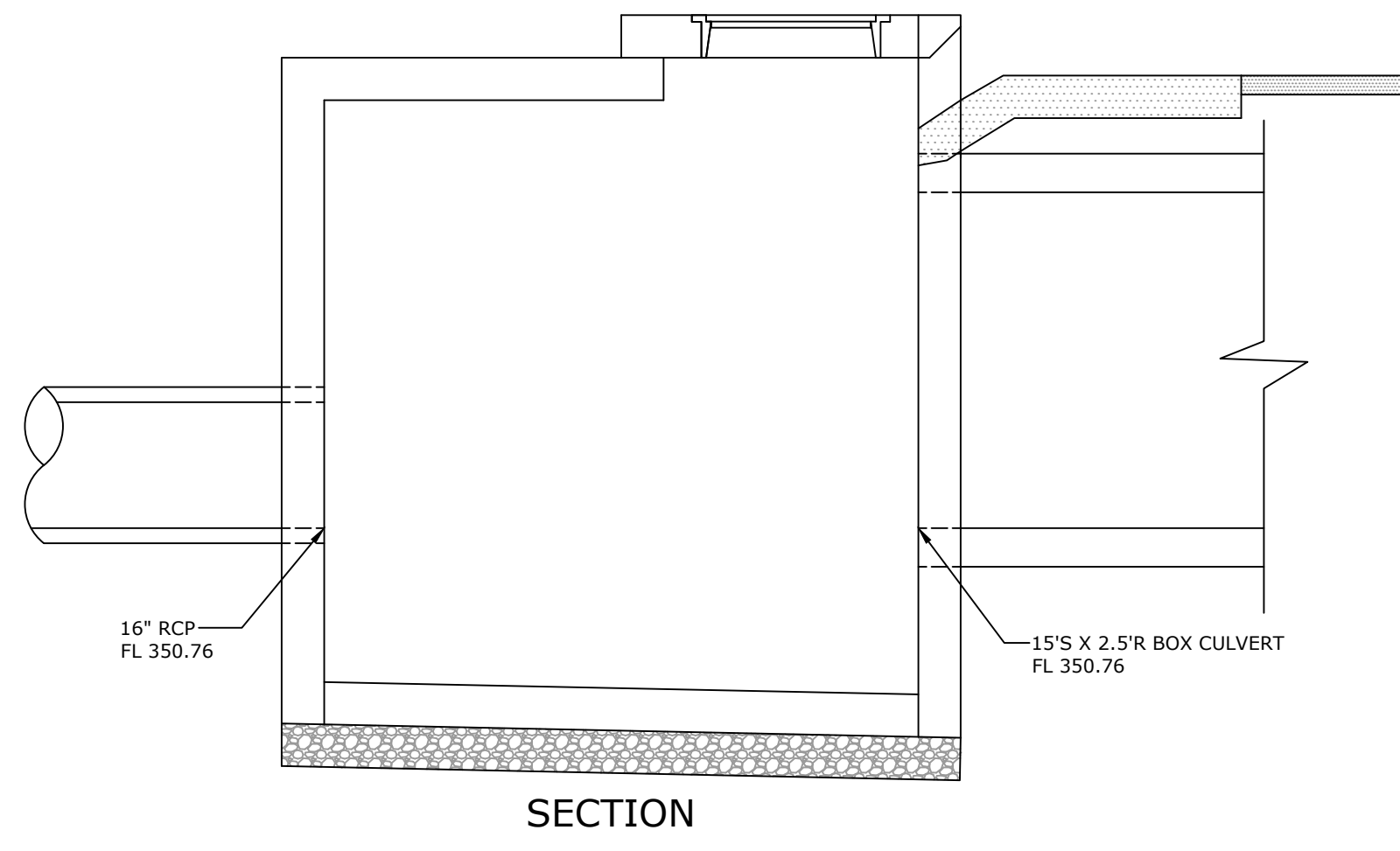
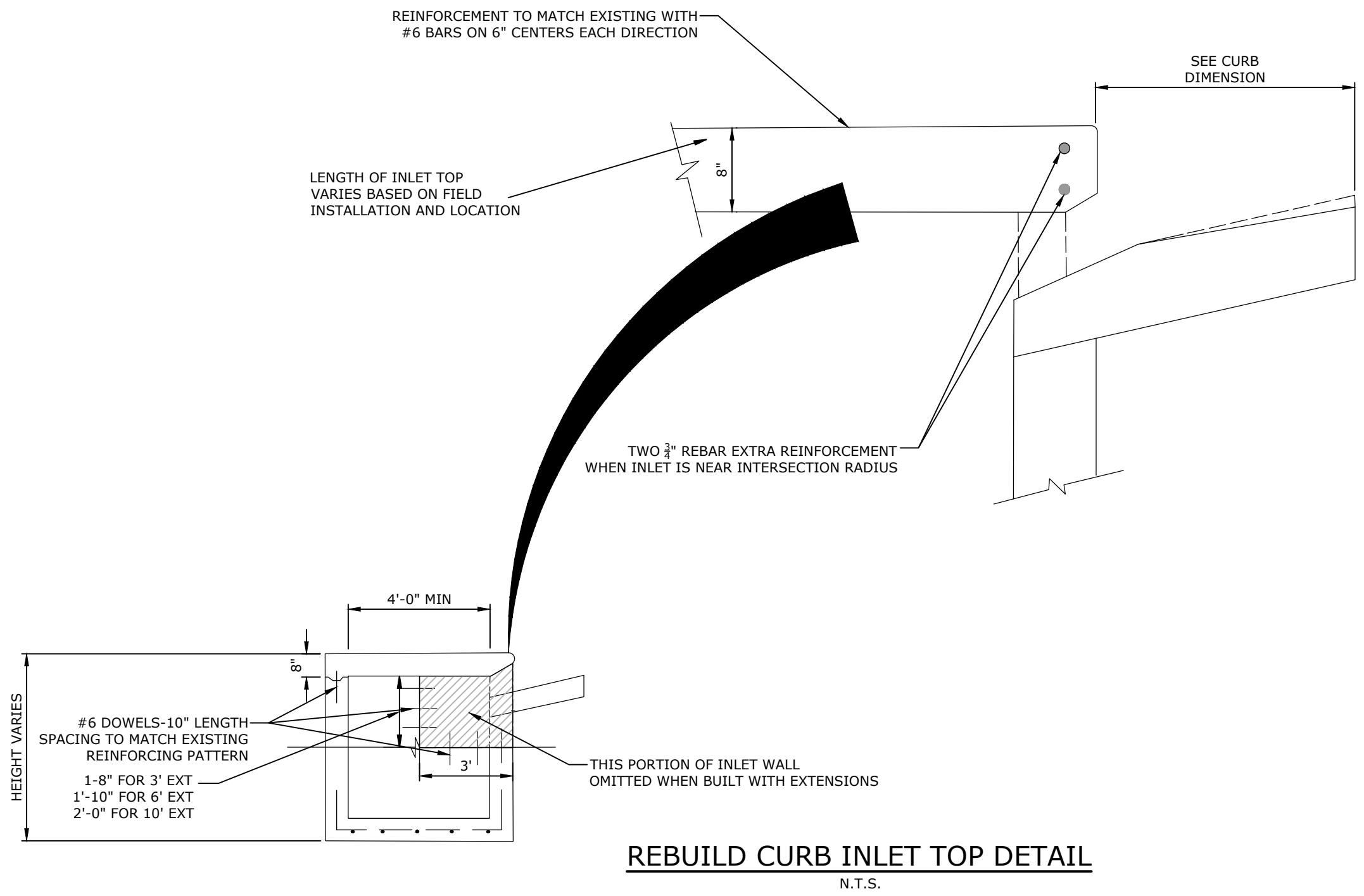
REVISIONS	DATE

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

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



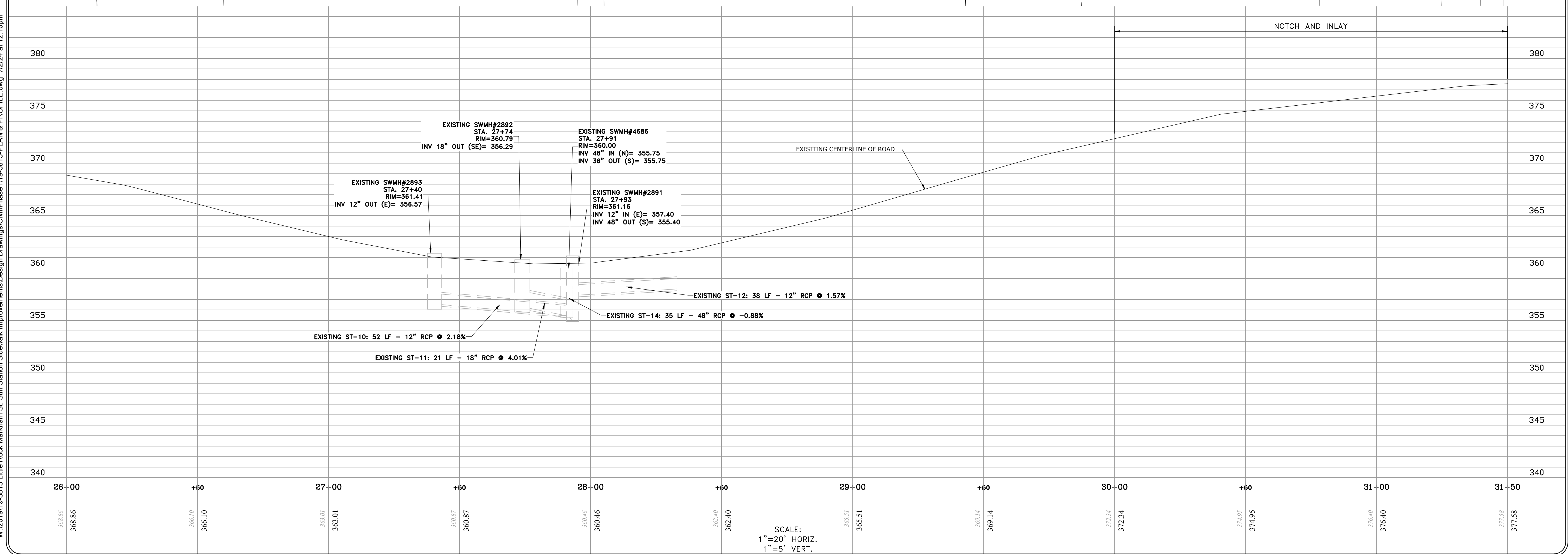
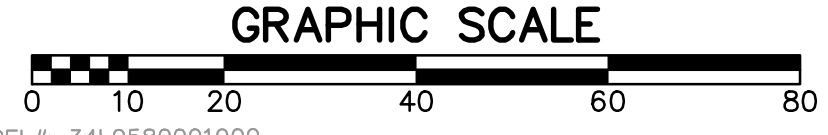
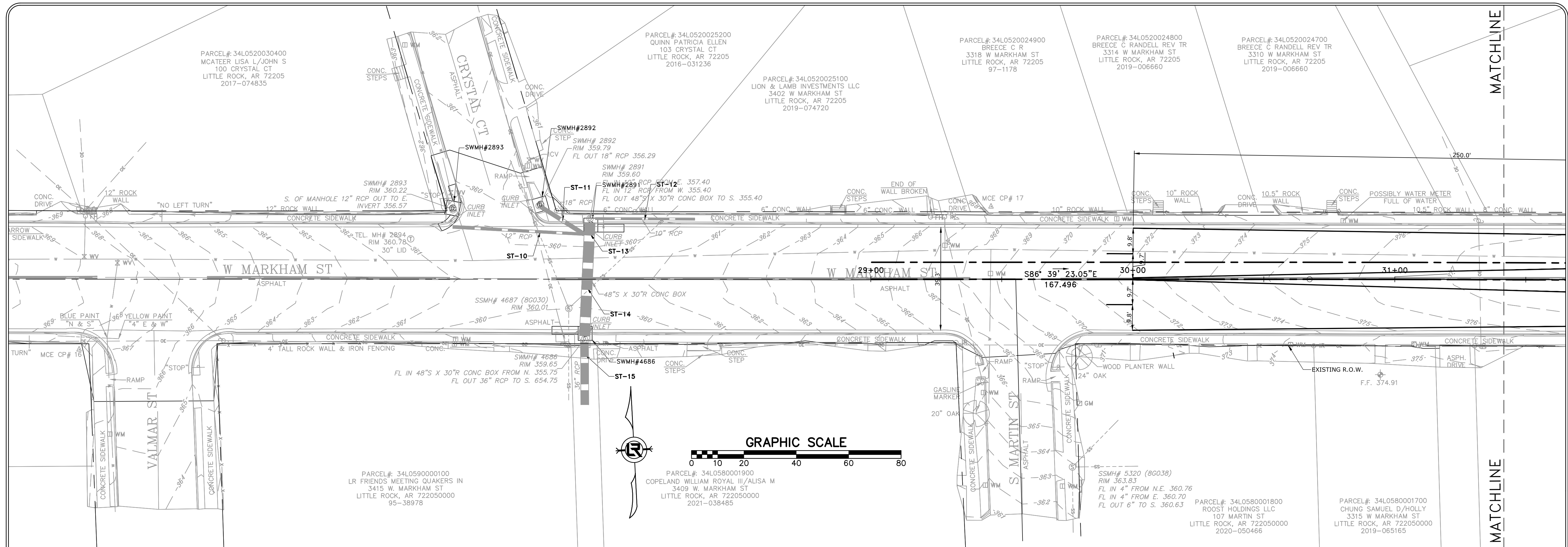
DRAWN BY
 JJW
 DESIGNED
 ACP
 CHECKED
 WTC
 DATE
 7/2/2024
 SCALE
 N.T.S.
 PROJECT NO.
 061839
 SHEET NO.
C11



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

W:\2019\19-5815 Little Rock Markham St. Stiff Station Sidewalk Improvements\Civil\Phase I\19-5815-TYPICAL SECTION.dwg 7/2/24 at 12:10pm

W:\2019\19-5815-Little Rock Markham St. Stiff Station Sidewalk Improvements\Civil\Phase 1\19-5815-PLAN & PROFILE.dwg 7/2/24 at 12:10pm

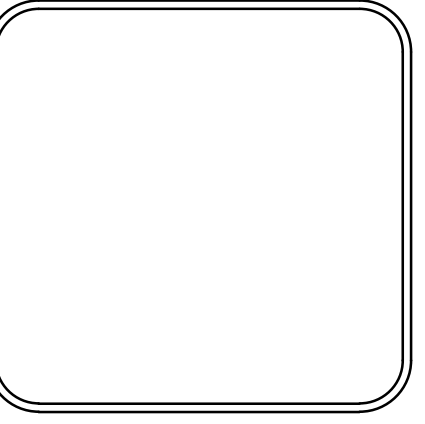


SCALE:
1"=20' HORIZ.
1"=5' VERT.

REVISIONS	DATE

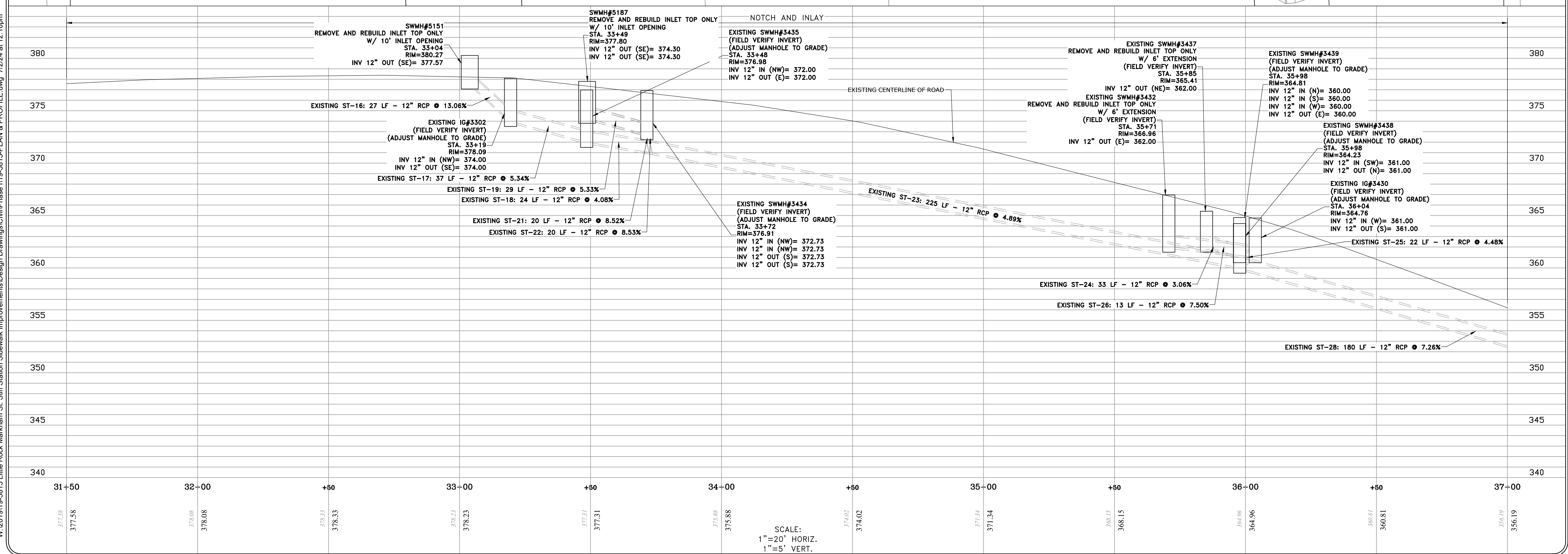
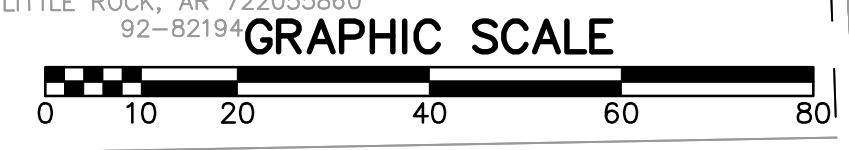
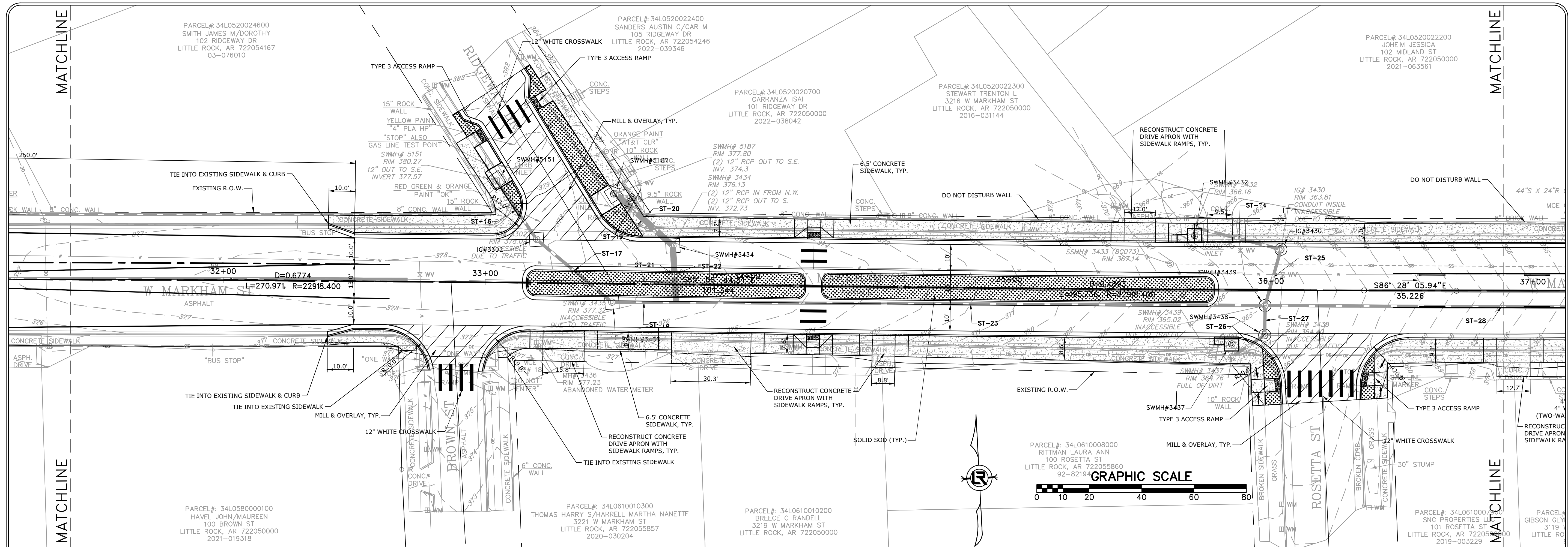
CITY OF LITTLE ROCK, ARKANSAS
MARKHAM ST. STIFF STATION
SIDEWALK IMPROVEMENTS PH I
PLAN & PROFILE

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



DRAWN BY
JJW
DESIGNED
ACP
CHECKED
WTC
DATE
7/2/2024
SCALE
1"=20'
PROJECT NO.
061839
SHEET NO.
C12

W:\2019\19-5815-Little Rock Markham St. Stiff Station Sidewalk Improvements\Design Drawings\Civil\Phase 1\19-5815-PLAN & PROFILE.dwg 7/2/24 at 12:10pm

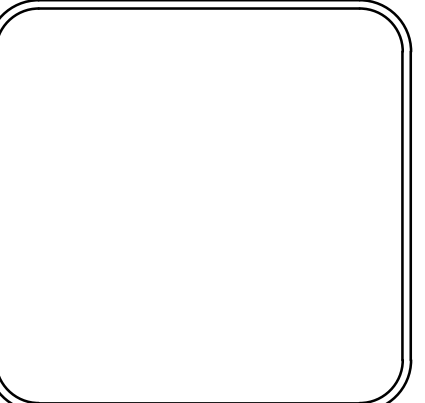


SCALE:
1"=20' HORIZ.
1"=5' VERT.

REVISIONS	DATE

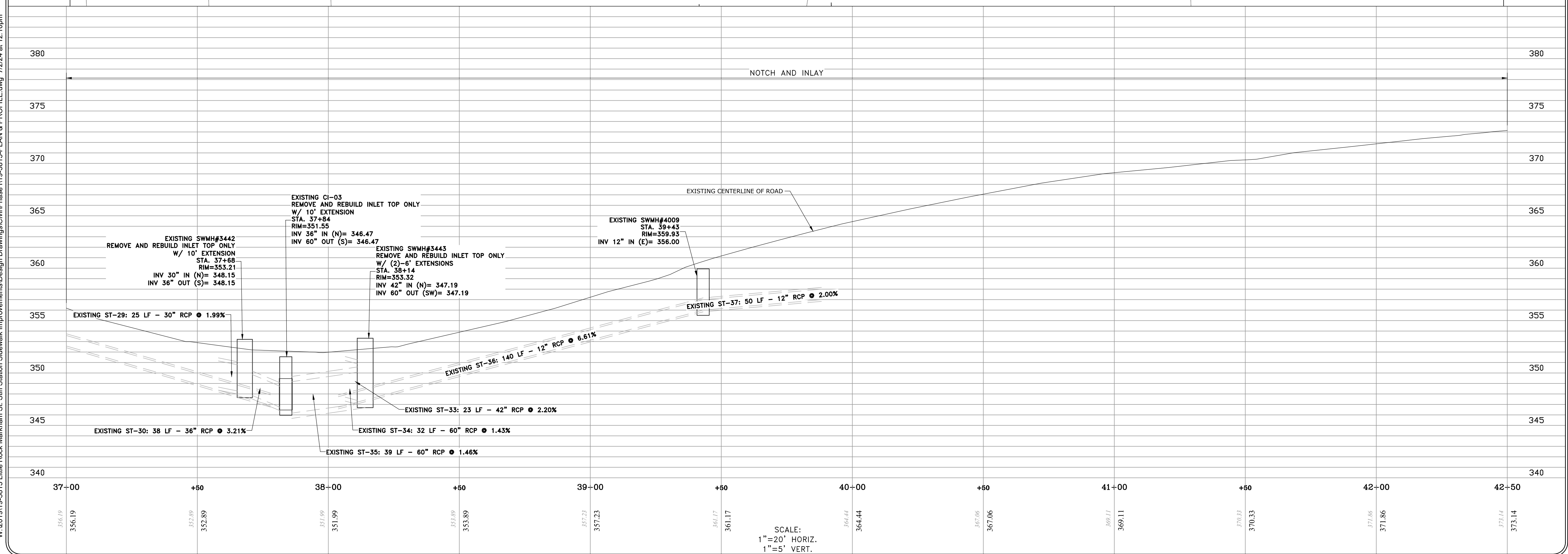
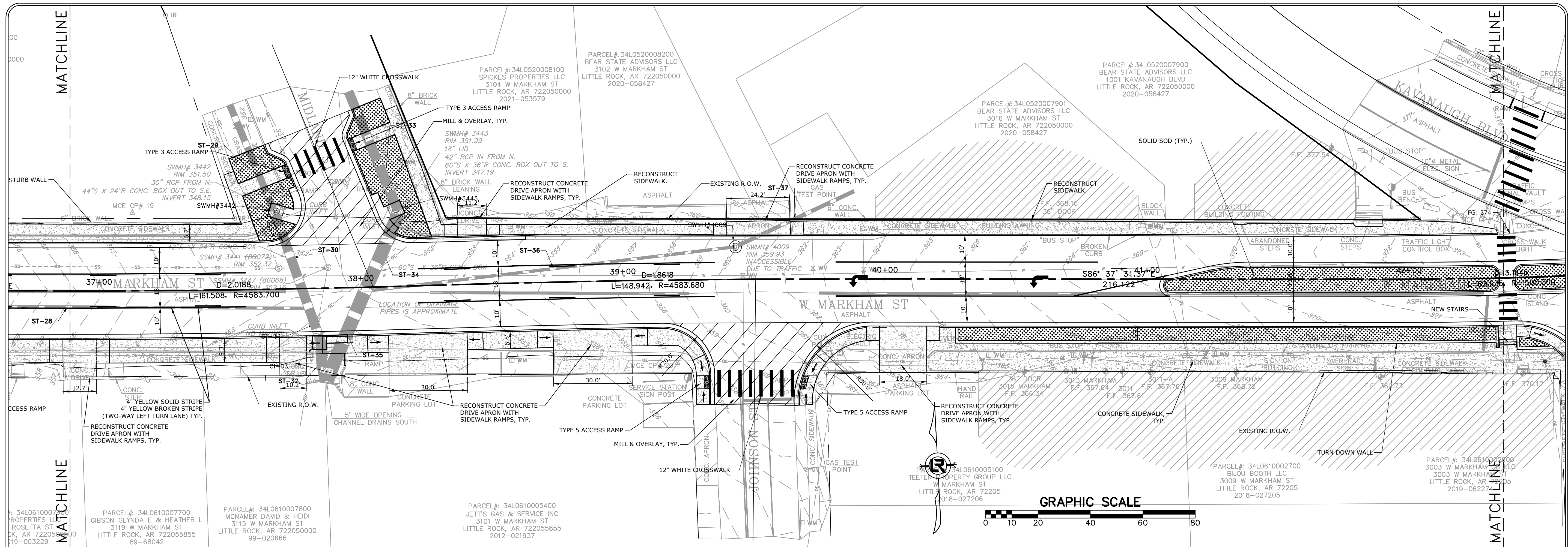
CITY OF LITTLE ROCK, ARKANSAS
MARKHAM ST. STIFF STATION
SIDEWALK IMPROVEMENTS PH I
PLAN & PROFILE

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




DRAWN BY
 JJW
DESIGNED
 ACP
CHECKED
 WTC
DATE
 7/2/2024
SCALE
 1"=20'
PROJECT NO.
 061839
SHEET NO.
C13

W:\2019\19-5815-Little Rock Markham St. Stiff Station Sidewalk Improvements\Design Drawings\Civil\Phase 1\19-5815-PLAN & PROFILE.dwg 7/2/24 at 12:10pm



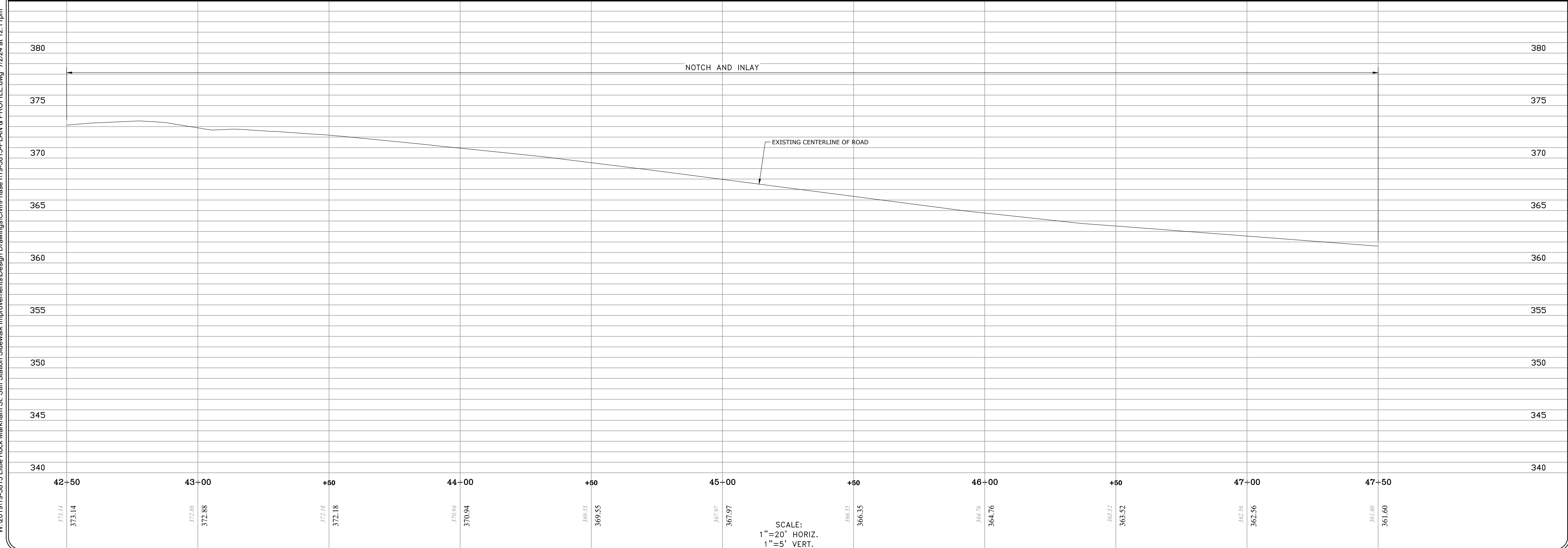
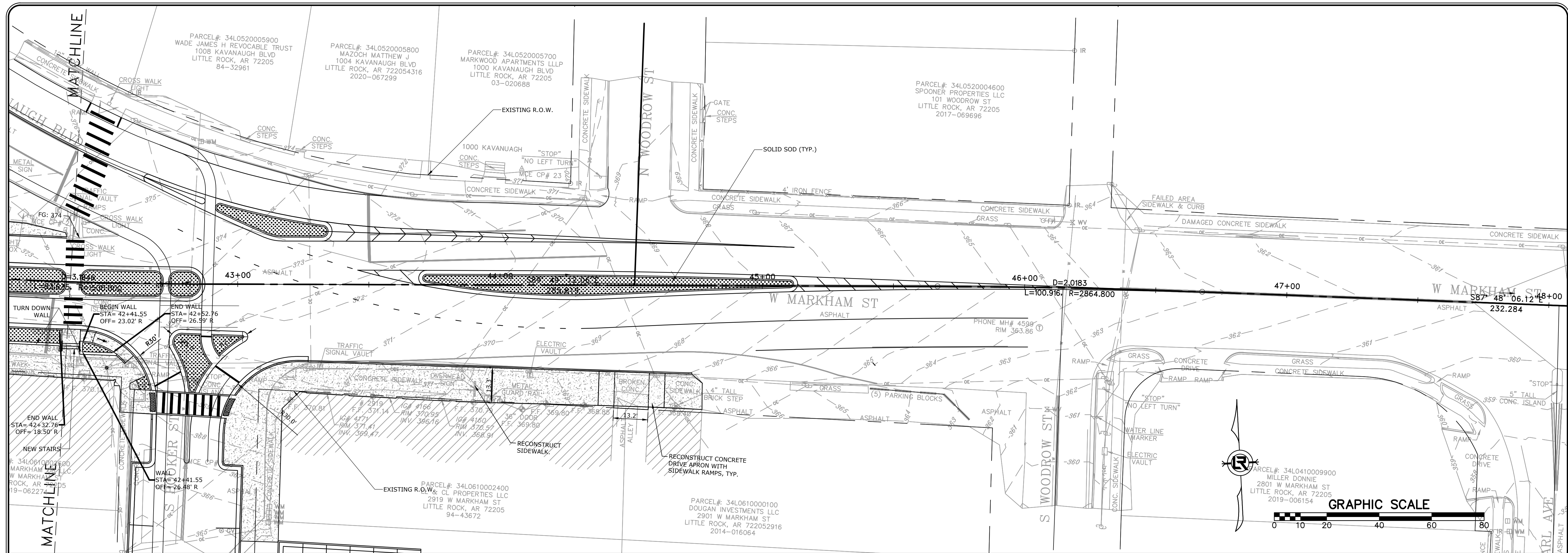
REVISIONS	DATE

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

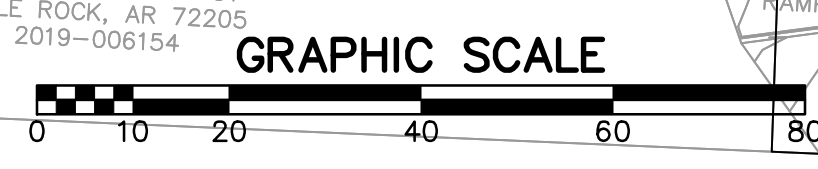

 DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201

DRAWN BY
 JJW
DESIGNED
 ACP
CHECKED
 WTC
DATE
 7/2/2024
SCALE
 1"=20'
PROJECT NO.
 061839
SHEET NO.
C14

W:\2019\19-5815 Little Rock Markham St. Stiff Station Sidewalk Improvements\Design Drawings\Civil\Phase I\19-5815-PLAN & PROFILE.dwg 7/2/24 at 12:11pm




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



REVISIONS	DATE

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

PLAN & PROFILE


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

DRAWN BY
JJW
 DESIGNED
ACP
 CHECKED
WTC
 DATE
7/2/2024
 SCALE
1"=20'
 PROJECT NO.
061839
 SHEET NO.
C15

REVISIONS	DATE

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

EROSION CONTROL PLAN

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

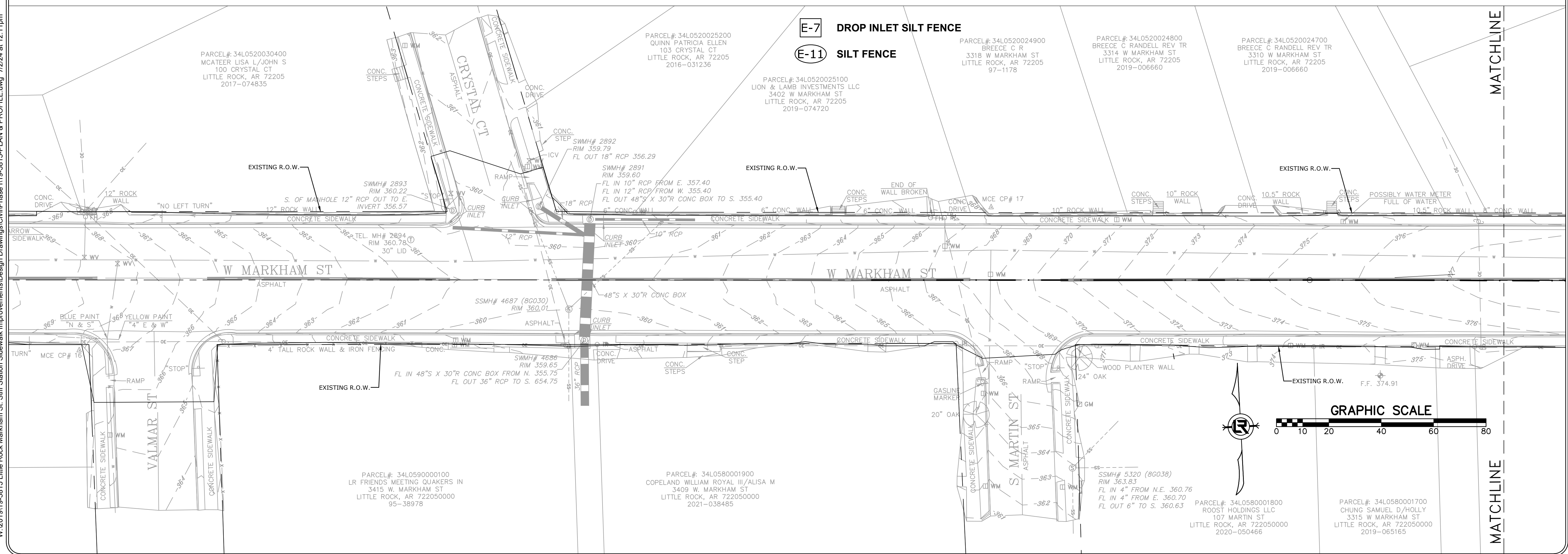
THE CONTRACTOR SHALL IMPLEMENT ALL MEASURES SHOWN ON THE EROSION CONTROL PLAN AND IN THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) TO THE FULLEST EXTENT PRACTICAL. THE CONTRACTOR SHALL HAVE CHECKED ALL SEDIMENT AND EROSION CONTROL MEASURES BY A QUALIFIED PERSON AT LEAST ONCE EVERY SEVEN (7) CALENDAR 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).

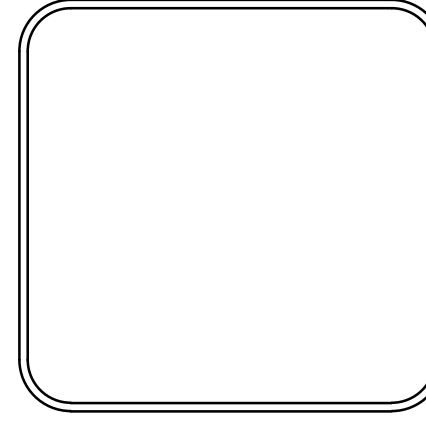
SEQUENCE OF CONSTRUCTION

- 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.

W:\2019\19-5815-Little Rock Markham St. Stiff Station Sidewalk Improvements\Design Drawings\Civil\Phase I\19-5815-PLAN & PROFILE.dwg 7/2/24 at 12:11pm

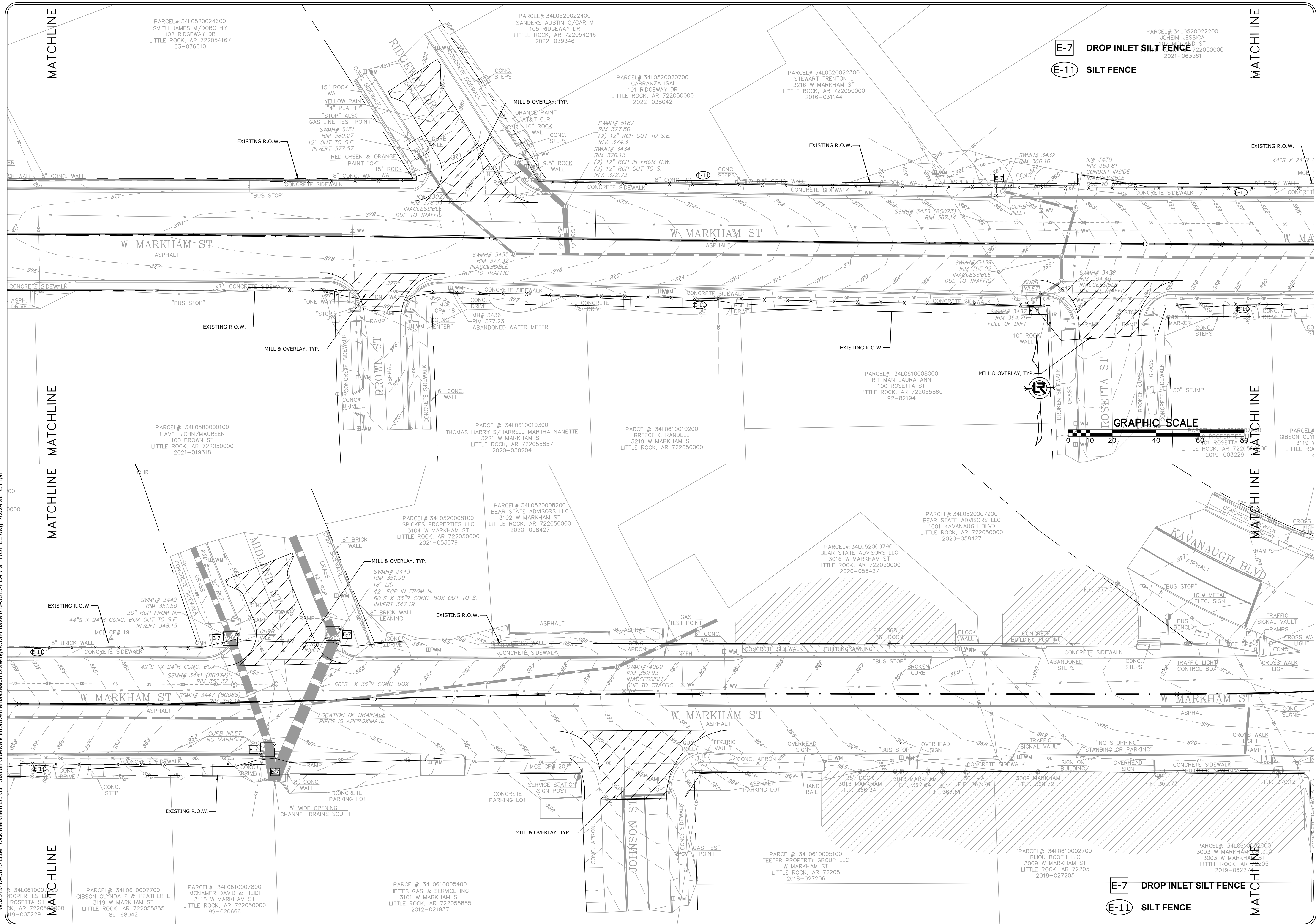



 DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201



DRAWN BY
 JJW
DESIGNED
 ACP
CHECKED
 WTC
DATE
 7/2/2024
SCALE
 1"=20'
PROJECT NO.
 061839
SHEET NO.
C16

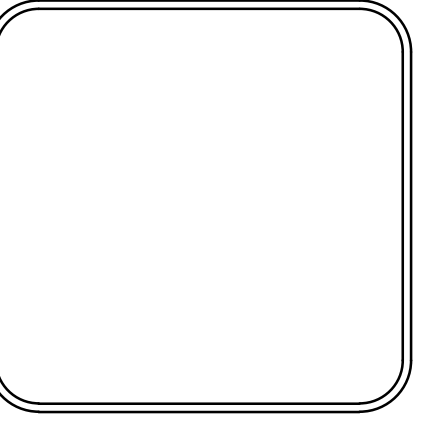
W:\2019\19-5815 Little Rock Markham St. Stiff Station Sidewalk Improvements\Design Drawings\Civil\Phase 1\19-5815-PLAN & PROFILE.dwg 7/2/24 at 12:11pm



REVISIONS	DATE

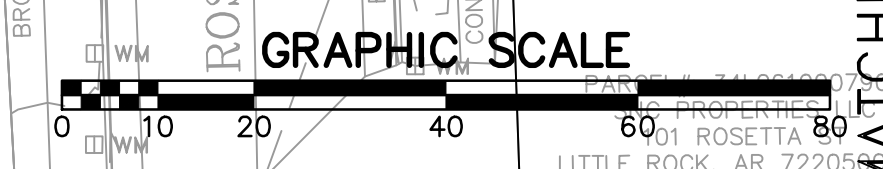
CITY OF LITTLE ROCK, ARKANSAS
 MARKHAM ST. STIFF STATION
 SIDEWALK IMPROVEMENTS PH I
 EROSION CONTROL PLAN

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



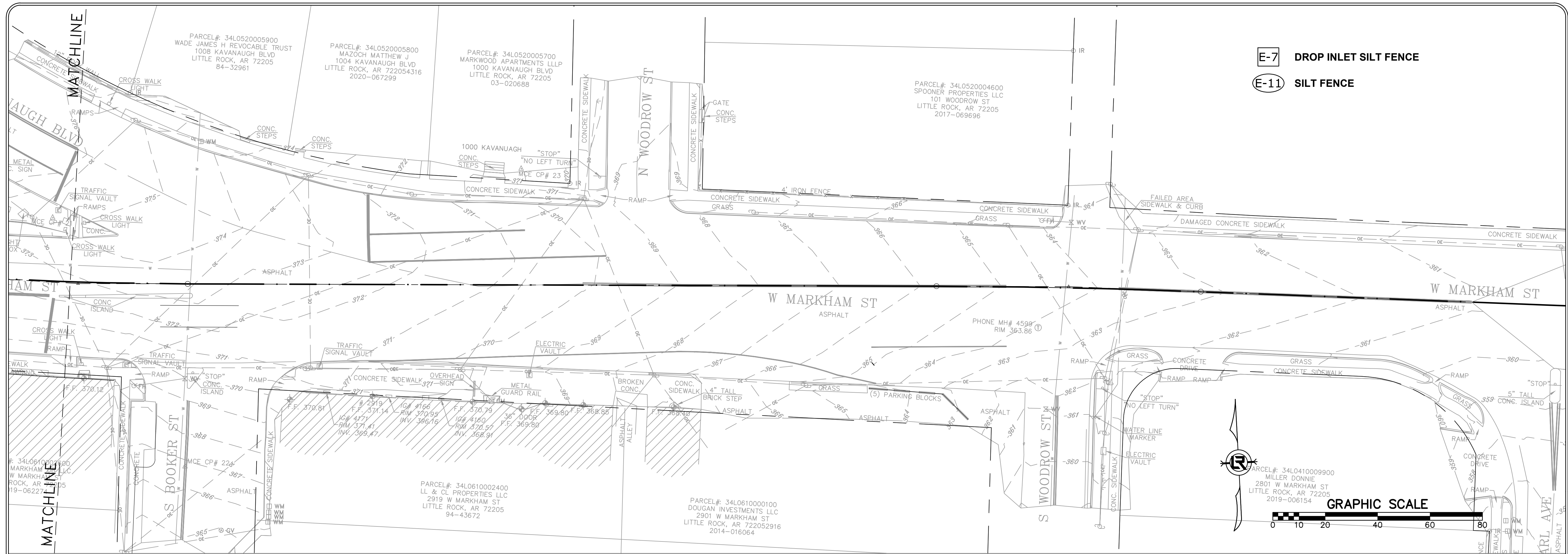
DRAWN BY
 JWW
 DESIGNED
 ACP
 CHECKED
 WTC
 DATE
 7/2/2024
 SCALE
 1"=20'
 PROJECT NO.
 061839
 SHEET NO.
C17

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




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

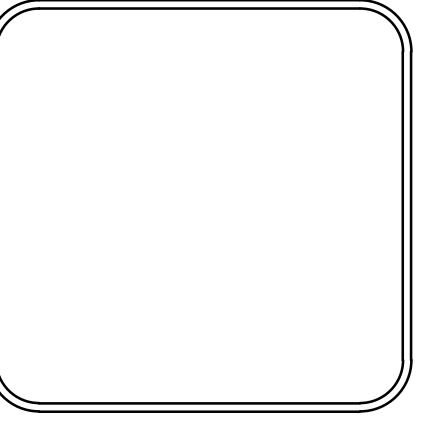
W:\2019\19-5815-Little Rock Markham St. Stiff Station Sidewalk Improvements\Design Drawings\Civil\Phase 1\19-5815-PLAN & PROFILE.dwg 7/2/24 at 12:11pm



REVISIONS	DATE

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


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

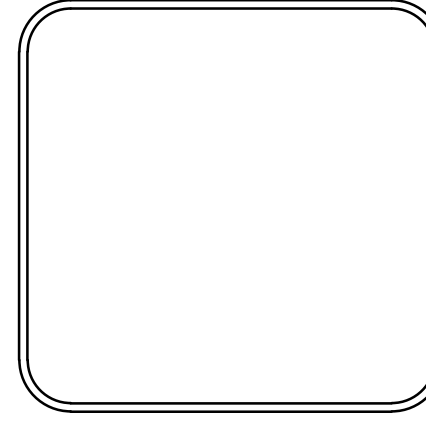


DRAWN BY JJW
DESIGNED ACP
CHECKED WTC
DATE 7/2/2024
SCALE 1"=20'
PROJECT NO. 061839
SHEET NO. C18

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 MARKHAM ST. STIFFT STATION
 SIDEWALK IMPROVEMENTS PH I
 MAINTENANCE OF TRAFFIC PHASE 1

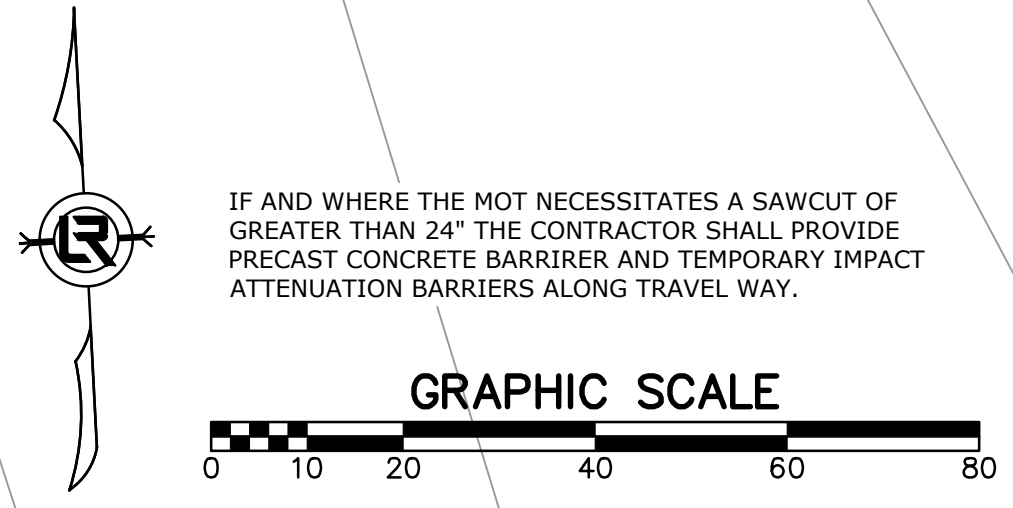
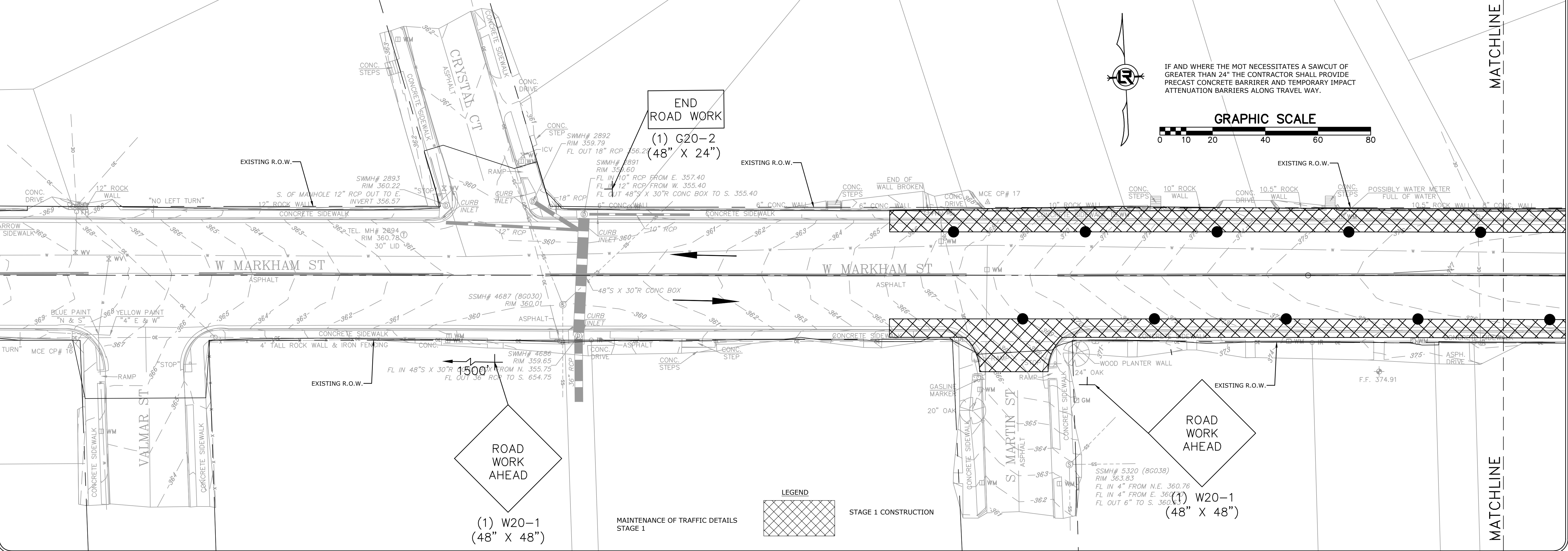
DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201



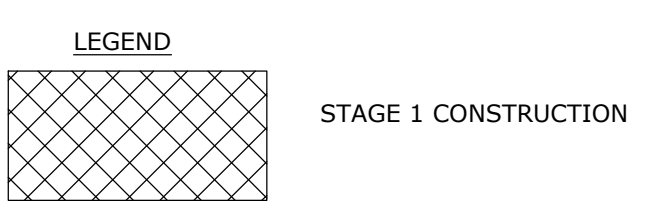
DRAWN BY
 JJW
 DESIGNED
 ACP
 CHECKED
 WTC
 DATE
 7/2/2024
 SCALE
 1"=20'
 PROJECT NO.
 061839
 SHEET NO.
C19

- TRAFFIC CONTROL NOTES:
- ALL REFERENCES TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) REFERS TO THE CURRENT EDITION (2009 EDITION) AND/OR ITS LATEST VERSION.
 - NOTHING IN THIS PLAN IS INTENDED TO SUPERSEDE OR RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF INSTALLING THE APPROPRIATE TRAFFIC DEVICES IN ACCORDANCE WITH MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND HIGHWAYS.
 - 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.
 - SEE PAGE 6F-4 OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) FOR HEIGHT AND LATERAL LOCATIONS OF SIGNS.
 - CONTRACTOR SHALL BE REQUIRED TO NOTIFY THE CITY OF LITTLE ROCK A MINIMUM OF 24 HOURS PRIOR TO COMMENCING CONSTRUCTION OR IMPLEMENTING A TRAFFIC CONTROL PLAN. ALL TRAFFIC CONTROL DEVICES MUST BE IN PLACE BEFORE CONSTRUCTION ACTIVITY BEGINS.
 - CONTRACTOR SHALL CONTACT THE FIRE DEPARTMENT PRIOR TO COMMENCING WORK AND SHALL PROVIDE A PROPOSED SCHEDULE OF WORK AND AID IN THE COORDINATION OF ROUTING EMERGENCY VEHICLES AROUND THE CONSTRUCTION AREA.
 - SIZE OF ALL SIGNS SHALL COMPLY WITH MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
 - ALL TRAFFIC CONTROL DEVICES AND THEIR INSTALLATIONS SHALL MEET THE STANDARDS PRESCRIBED IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND SHALL COMPLY WITH THE ARKANSAS STATE HIGHWAY AND TRANSPORTATION STANDARD SPECIFICATIONS FOR THE HIGHWAY CONSTRUCTION, SECTION 604 - TRAFFIC CONTROL DEVICES IN CONSTRUCTION AREAS.
 - ACCESS TO OCCUPIED ADJACENT PROPERTIES SHALL BE MAINTAINED AT ALL TIMES.
 - CONTRACTOR SHALL USE PLASTIC DRUMS WITH TYPE "C" WARNING LIGHTS TO SEPARATE TRAFFIC FROM THE CONSTRUCTION AREA.
 - CONTRACTOR SHALL COVER ALL EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL PLAN SIGNS OR DEVICES DURING CONSTRUCTION AND THEY SHALL REMAIN COVERED DURING CONSTRUCTION AND UNTIL SUCH TIME THAT NO CONFLICT EXISTS.
 - ALL TEMPORARY OR PERMANENT TRAVELING SURFACES SHALL BE INSPECTED DAILY BY THE CONTRACTOR (INCLUDING WEEKENDS) AND NECESSARY PATCHING OR FINISHING PERFORMED.
 - WORK WITHIN THE ROADWAY SHALL BE CONDUCTED BETWEEN 7:00 A.M. AND 6:00 P.M. (MONDAY THRU FRIDAY, EXCLUDING HOLIDAYS) UNLESS APPROVED BY OWNER. THE ROADWAY SHALL BE COMPLETELY OPEN TO TRAFFIC AT ALL OTHER TIMES AND ALL NON-APPROPRIATE SIGNS SHALL BE COVERED OR REMOVED UPON REMOVAL OF THE DETOUR.
 - CENTERLINE LINES SHOULD BE PLACED, REPLACED, OR DELINEATED WHERE APPROPRIATED BEFORE THE ROADWAY IS OPEN TO TRAFFIC.
 - CONTRACTORS SHALL CALL ALL APPROPRIATE AGENCIES BEFORE CLOSING ANY ROADWAYS.
 - AT NO TIME SHALL ONE LANE SECTION BE LEFT OPEN UNATTENDED. WHERE TWO OR MORE FLAGGERS ARE REQUIRED, AND IN CIRCUMSTANCES WHERE ONLY ONE LANE OF TRAFFIC IS OPEN AND THERE IS NO CLEAR LINE OF SIGHT FROM ONE END OF THE CONSTRUCTION AREA TO THE OTHER, THE CONTRACTOR SHALL PROVIDE RADIO COMMUNICATION OR OTHER APPROPRIATE MEANS OF ESTABLISHING CONTROL OF TRAFFIC.
 - THE APPROPRIATE TRAFFIC CONTROL SHALL BE INSTALLED AT THE INCEPTION OF EACH STAGE OF CONSTRUCTION AND SHALL BE PROPERLY MAINTAINED AND/OR OPERATED DURING THE TIME SUCH SPECIAL CONDITIONS EXISTS. THEY SHALL REMAIN IN PLACE ONLY AS LONG AS THEY ARE NEEDED AND SHALL BE IMMEDIATELY REMOVED THEREAFTER.
 - ANY REQUIRED TRENCHING OR HOLES THAT OCCUR IN THE ROADWAY SHALL BE COMPLETELY COVERED AND PROTECTED DURING NON-WORKING HOURS.

W:\2019\19-5815-Little Rock Markham St. Stiff Station Sidewalk Improvements\Design Drawings\CivilPhase I\19-5815-PLAN & PROFILE.dwg 7/2/24 at 12:11pm



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.



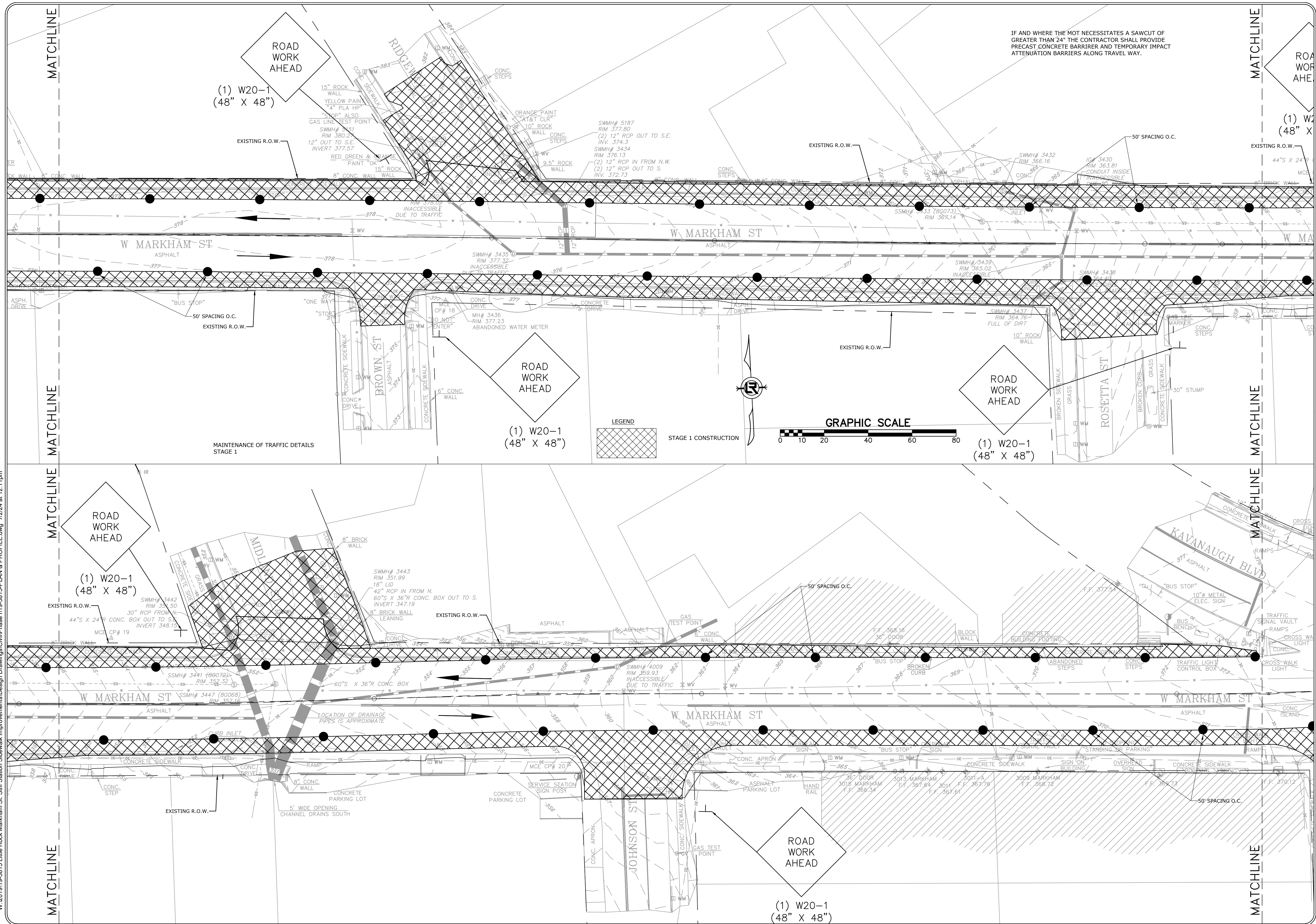
ROAD WORK AHEAD
 (1) W20-1
 (48" X 48")

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

MAINTENANCE OF TRAFFIC DETAILS
 STAGE 1

STAGE 1 CONSTRUCTION

W:\2019\19-5815 Little Rock Markham St. Stiff Station Sidewalk Improvements\Design Drawings\Civil\Phase 1\19-5815-PLAN & PROFILE.dwg 7/2/24 at 12:11pm

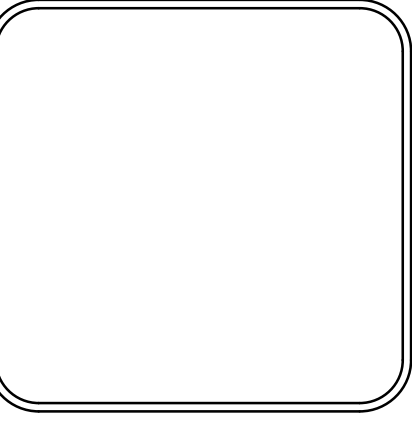


IF AND WHERE THE MOT NECESSITATES A SAWCUT OF GREATER THAN 24" THE CONTRACTOR SHALL PROVIDE PRECAST CONCRETE BARRIER AND TEMPORARY IMPACT ATTENUATION BARRIERS ALONG TRAVEL WAY.

REVISIONS	DATE

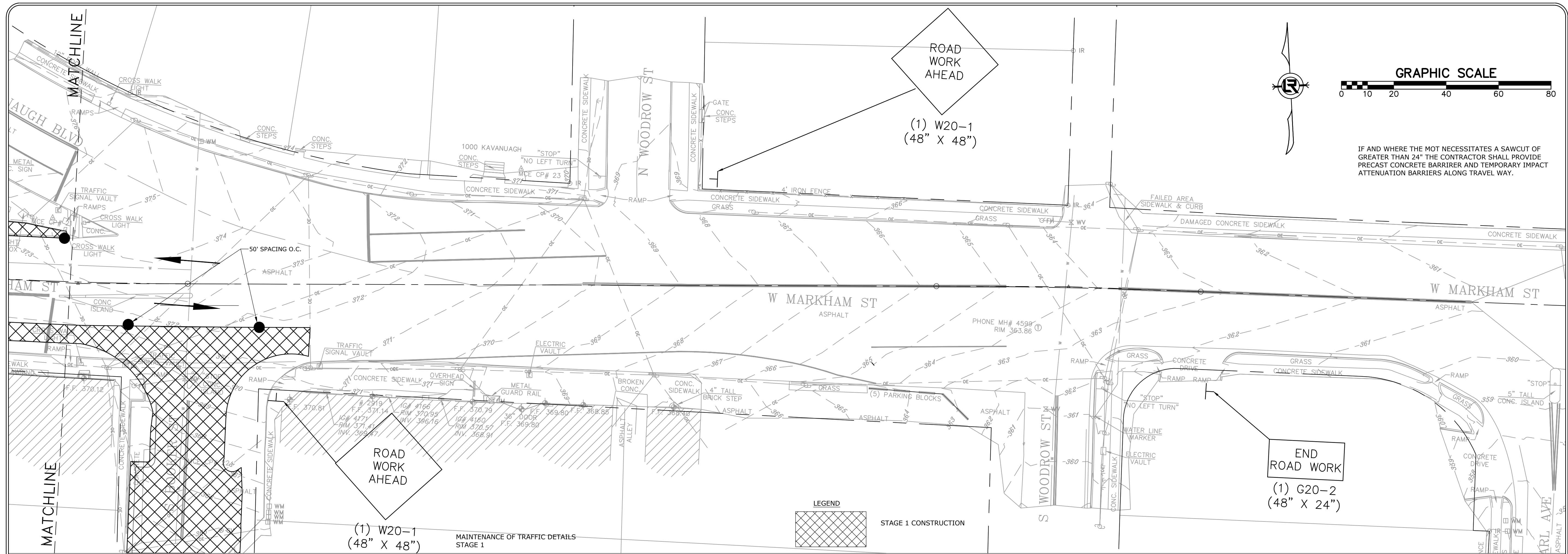
CITY OF LITTLE ROCK, ARKANSAS
 MARKHAM ST. STIFF STATION
 SIDEWALK IMPROVEMENTS PH I
 MAINTENANCE OF TRAFFIC PHASE 1

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

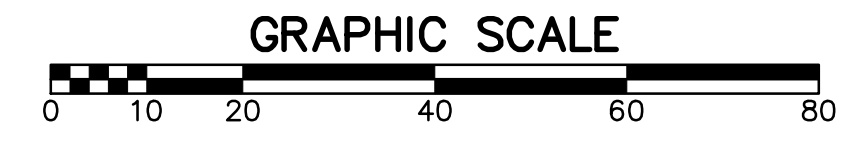
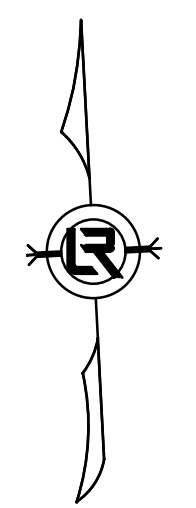


DRAWN BY JJW
DESIGNED ACP
CHECKED WTC
DATE 7/2/2024
SCALE 1"=20'
PROJECT NO. 061839
SHEET NO. C20

W:\2019\19-5815-Little Rock Markham St. Stiff Station Sidewalk Improvements\Design Drawings\Civil\Phase 1\19-5815-PLAN & PROFILE.dwg 7/2/24 at 12:11pm




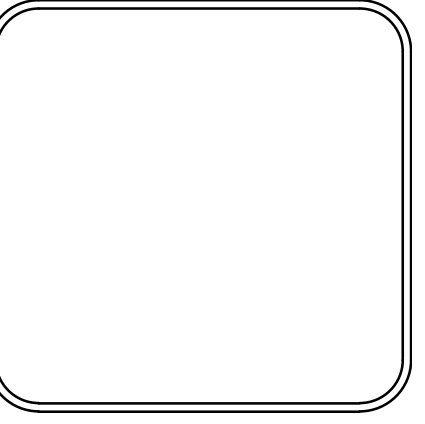
REVISIONS	DATE



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.

CITY OF LITTLE ROCK, ARKANSAS
 MARKHAM ST. STIFF STATION
 SIDEWALK IMPROVEMENTS PH I
 MAINTENANCE OF TRAFFIC PHASE 1

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

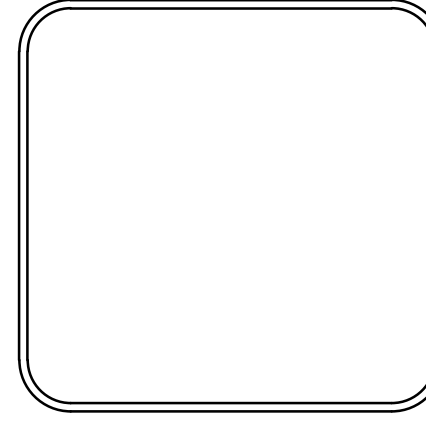



DRAWN BY JJW
DESIGNED ACP
CHECKED WTC
DATE 7/2/2024
SCALE 1"=20'
PROJECT NO. 061839
SHEET NO. C21

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 MARKHAM ST. STIFFT STATION
 SIDEWALK IMPROVEMENTS PH I
 MAINTENANCE OF TRAFFIC PHASE 2

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

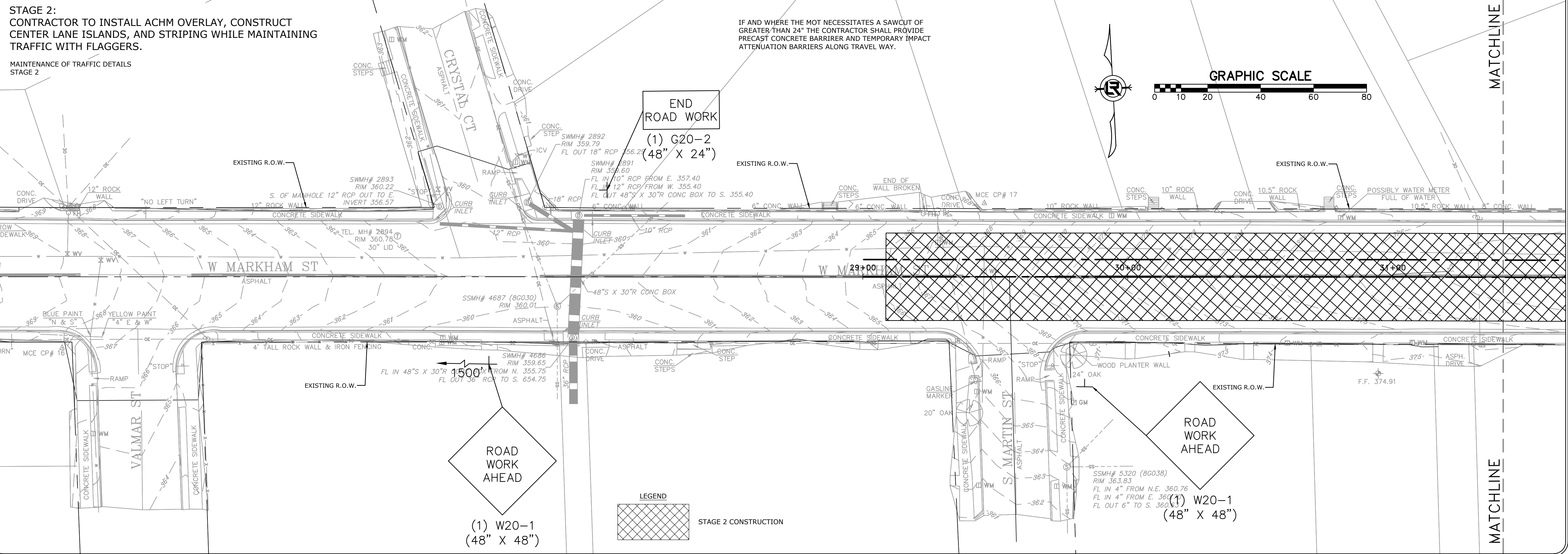


DRAWN BY
 JWW
 DESIGNED
 ACP
 CHECKED
 WTC
 DATE
 7/2/2024
 SCALE
 1"=20'
 PROJECT NO.
 061839
 SHEET NO.
C22

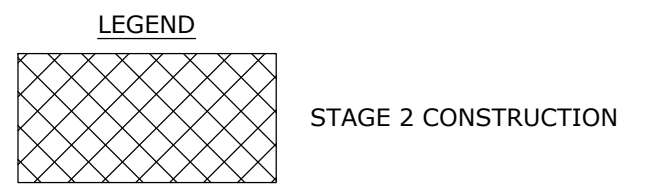
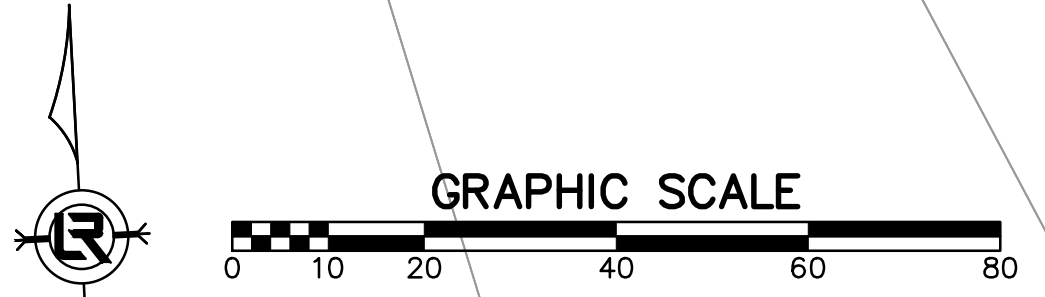
- TRAFFIC CONTROL NOTES:
- ALL REFERENCES TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) REFERS TO THE CURRENT EDITION (2009 EDITION) AND/OR ITS LATEST VERSION.
 - NOTHING IN THIS PLAN IS INTENDED TO SUPERSEDE OR RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF INSTALLING THE APPROPRIATE TRAFFIC DEVICES IN ACCORDANCE WITH MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND HIGHWAYS.
 - 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.
 - SEE PAGE 6F-4 OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) FOR HEIGHT AND LATERAL LOCATIONS OF SIGNS.
 - CONTRACTOR SHALL BE REQUIRED TO NOTIFY THE CITY OF LITTLE ROCK A MINIMUM OF 24 HOURS PRIOR TO COMMENCING CONSTRUCTION OR IMPLEMENTING A TRAFFIC CONTROL PLAN. ALL TRAFFIC CONTROL DEVICES MUST BE IN PLACE BEFORE CONSTRUCTION ACTIVITY BEGINS.
 - CONTRACTOR SHALL CONTACT THE FIRE DEPARTMENT PRIOR TO COMMENCING WORK AND SHALL PROVIDE A PROPOSED SCHEDULE OF WORK AND AID IN THE COORDINATION OF ROUTING EMERGENCY VEHICLES AROUND THE CONSTRUCTION AREA.
 - SIZE OF ALL SIGNS SHALL COMPLY WITH MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
 - ALL TRAFFIC CONTROL DEVICES AND THEIR INSTALLATIONS SHALL MEET THE STANDARDS PRESCRIBED IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND SHALL COMPLY WITH THE ARKANSAS STATE HIGHWAY AND TRANSPORTATION STANDARD SPECIFICATIONS FOR THE HIGHWAY CONSTRUCTION, SECTION 604 - TRAFFIC CONTROL DEVICES IN CONSTRUCTION AREAS.
 - ACCESS TO OCCUPIED ADJACENT PROPERTIES SHALL BE MAINTAINED AT ALL TIMES.
 - CONTRACTOR SHALL USE PLASTIC DRUMS WITH TYPE "C" WARNING LIGHTS TO SEPARATE TRAFFIC FROM THE CONSTRUCTION AREA.
 - CONTRACTOR SHALL COVER ALL EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL PLAN SIGNS OR DEVICES DURING CONSTRUCTION AND THEY SHALL REMAIN COVERED DURING CONSTRUCTION AND UNTIL SUCH TIME THAT NO CONFLICT EXISTS.
 - ALL TEMPORARY OR PERMANENT TRAVELING SURFACES SHALL BE INSPECTED DAILY BY THE CONTRACTOR (INCLUDING WEEKENDS) AND NECESSARY PATCHING OR FINISHING PERFORMED.
 - WORK WITHIN THE ROADWAY SHALL BE CONDUCTED BETWEEN 7:00 A.M. AND 6:00 P.M. (MONDAY THRU FRIDAY, EXCLUDING HOLIDAYS) UNLESS APPROVED BY OWNER. THE ROADWAY SHALL BE COMPLETELY OPEN TO TRAFFIC AT ALL OTHER TIMES AND ALL NON-APPROPRIATE SIGNS SHALL BE COVERED OR REMOVED UPON REMOVAL OF THE DETOUR.
 - CENTERLINE LINES SHOULD BE PLACED, REPLACED, OR DELINEATED WHERE APPROPRIATED BEFORE THE ROADWAY IS OPEN TO TRAFFIC.
 - CONTRACTORS SHALL CALL ALL APPROPRIATE AGENCIES BEFORE CLOSING ANY ROADWAYS.
 - AT NO TIME SHALL ONE LANE SECTION BE LEFT OPEN UNATTENDED. WHERE TWO OR MORE FLAGGERS ARE REQUIRED, AND IN CIRCUMSTANCES WHERE ONLY ONE LANE OF TRAFFIC IS OPEN AND THERE IS NO CLEAR LINE OF SIGHT FROM ONE END OF THE CONSTRUCTION AREA TO THE OTHER, THE CONTRACTOR SHALL PROVIDE RADIO COMMUNICATION OR OTHER APPROPRIATE MEANS OF ESTABLISHING CONTROL OF TRAFFIC.
 - THE APPROPRIATE TRAFFIC CONTROL SHALL BE INSTALLED AT THE INCEPTION OF EACH STAGE OF CONSTRUCTION AND SHALL BE PROPERLY MAINTAINED AND/OR OPERATED DURING THE TIME SUCH SPECIAL CONDITIONS EXISTS. THEY SHALL REMAIN IN PLACE ONLY AS LONG AS THEY ARE NEEDED AND SHALL BE IMMEDIATELY REMOVED THEREAFTER.
 - ANY REQUIRED TRENCHING OR HOLES THAT OCCUR IN THE ROADWAY SHALL BE COMPLETELY COVERED AND PROTECTED DURING NON-WORKING HOURS.

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

MAINTENANCE OF TRAFFIC DETAILS
 STAGE 2

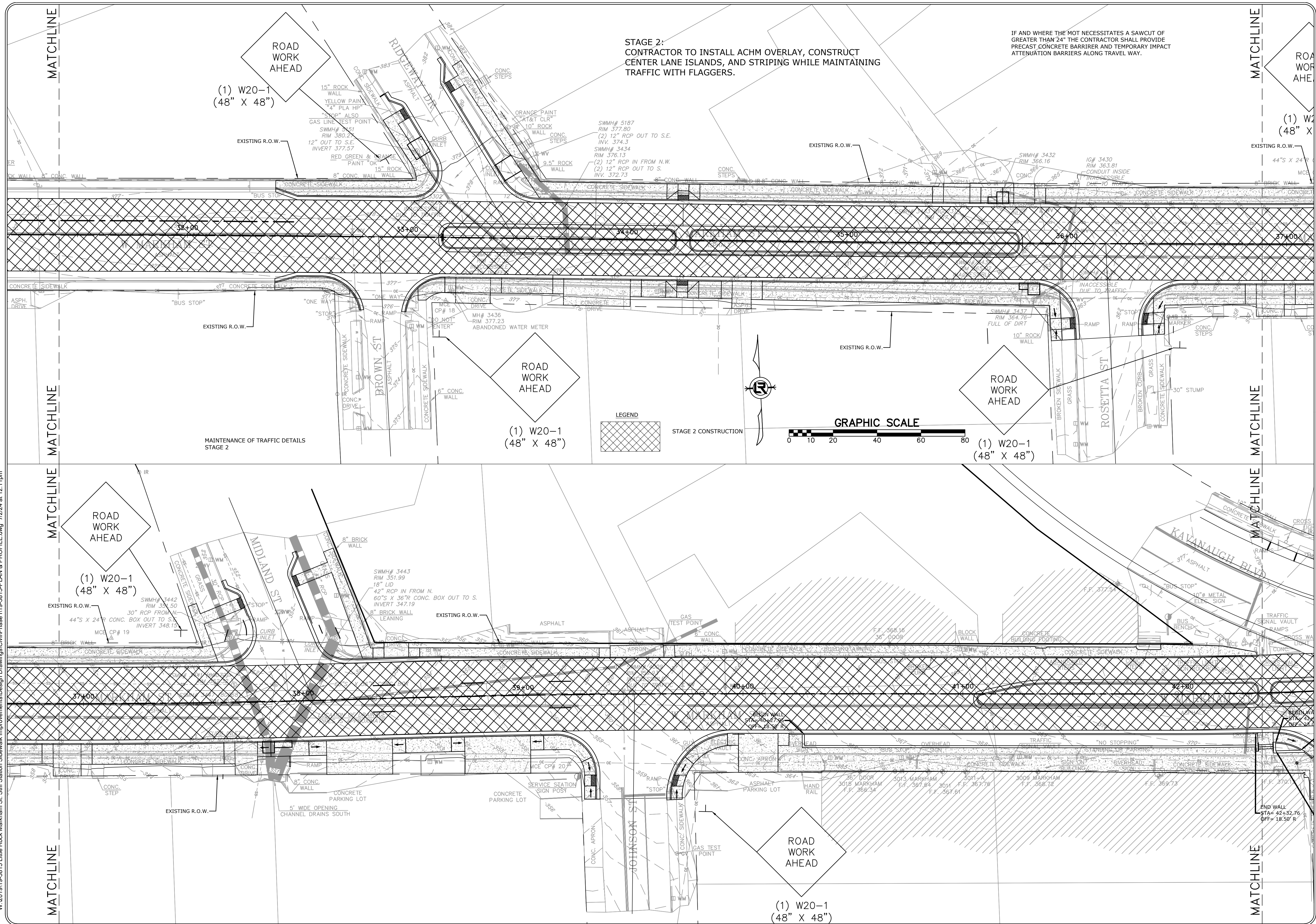


IF AND WHERE THE MOT NECESSITATES A SAWCUT OF GREATER THAN 24" THE CONTRACTOR SHALL PROVIDE PRECAST CONCRETE BARRIER AND TEMPORARY IMPACT ATTENUATION BARRIERS ALONG TRAVEL WAY.




W:\2019\19-5815-Little Rock Markham St. Stiff Station Sidewalk Improvements\Design Drawings\Civil\Phase 1\19-5815-PLAN & PROFILE.dwg 7/2/24 at 12:11pm

W:\2019\19-5815 Little Rock Markham St. Stiff Station Sidewalk Improvements\Design Drawings\Civil\Phase 1\19-5815-PLAN & PROFILE.dwg 7/2/24 at 12:11pm



REVISIONS	DATE

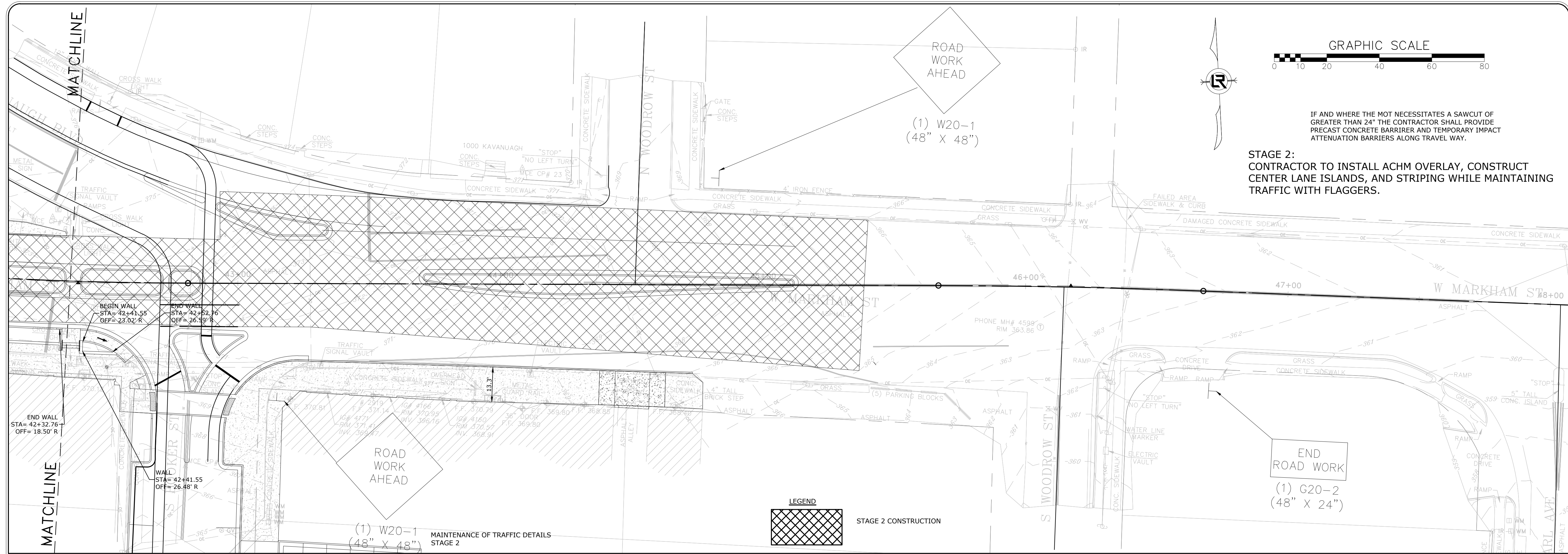
CITY OF LITTLE ROCK, ARKANSAS
 MARKHAM ST. STIFF STATION
 SIDEWALK IMPROVEMENTS PH I
 MAINTENANCE OF TRAFFIC PHASE 2



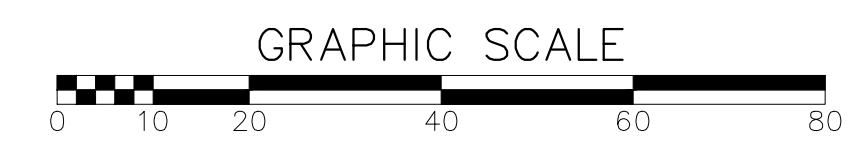
DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201

DRAWN BY
 JWW
 DESIGNED
 ACP
 CHECKED
 WTC
 DATE
 7/2/2024
 SCALE
 1"=20'
 PROJECT NO.
 061839
 SHEET NO.
C23

W:\2019\19-5815-Little Rock Markham St. Stiff Station Sidewalk Improvements\Design Drawings\Civil\Phase 1\19-5815-PLAN & PROFILE.dwg 7/2/24 at 12:11pm

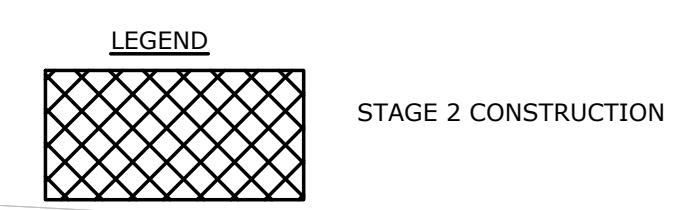


REVISIONS	DATE



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.

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



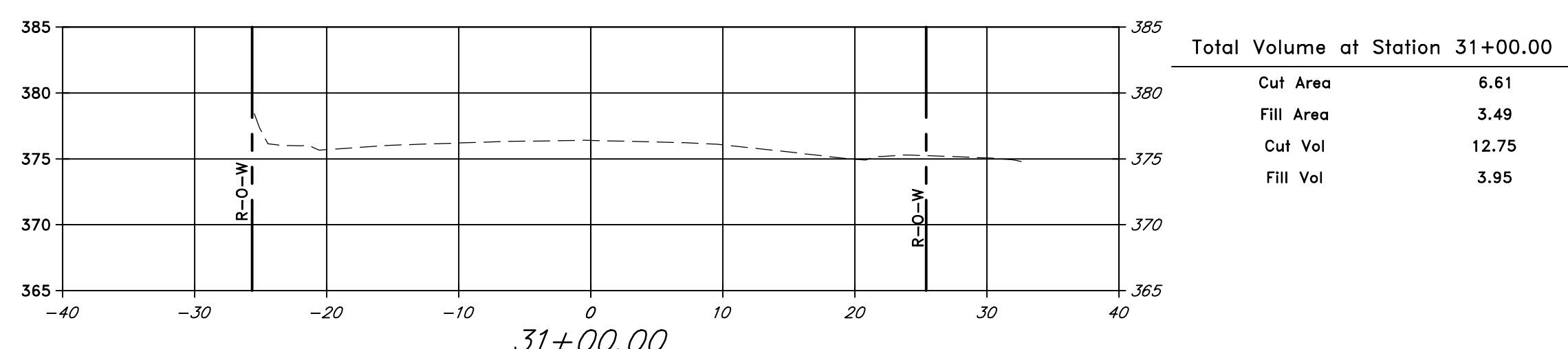
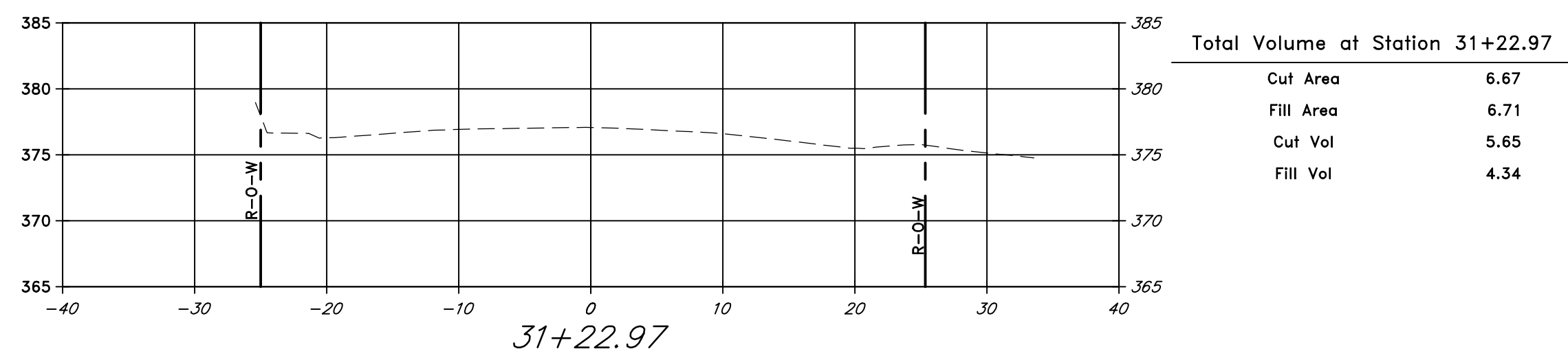
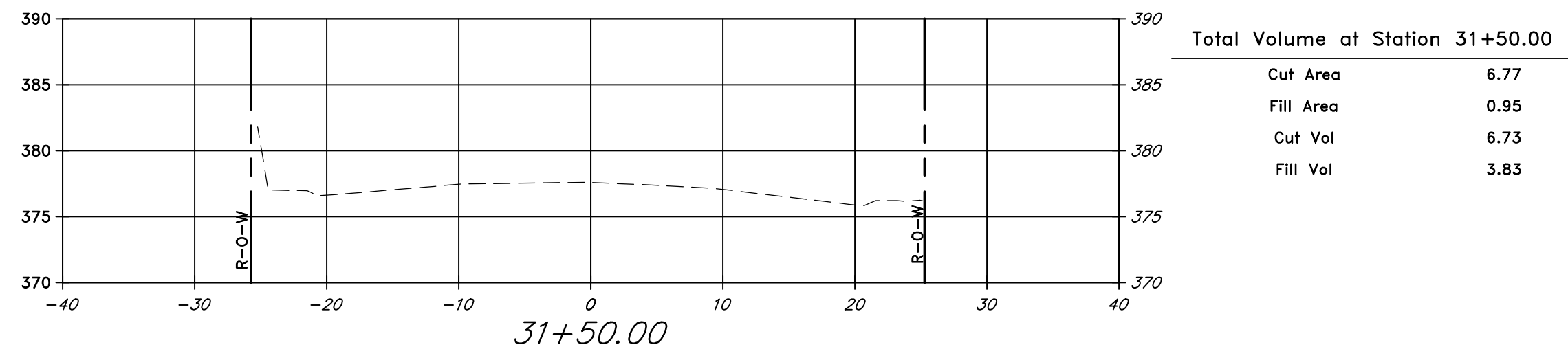
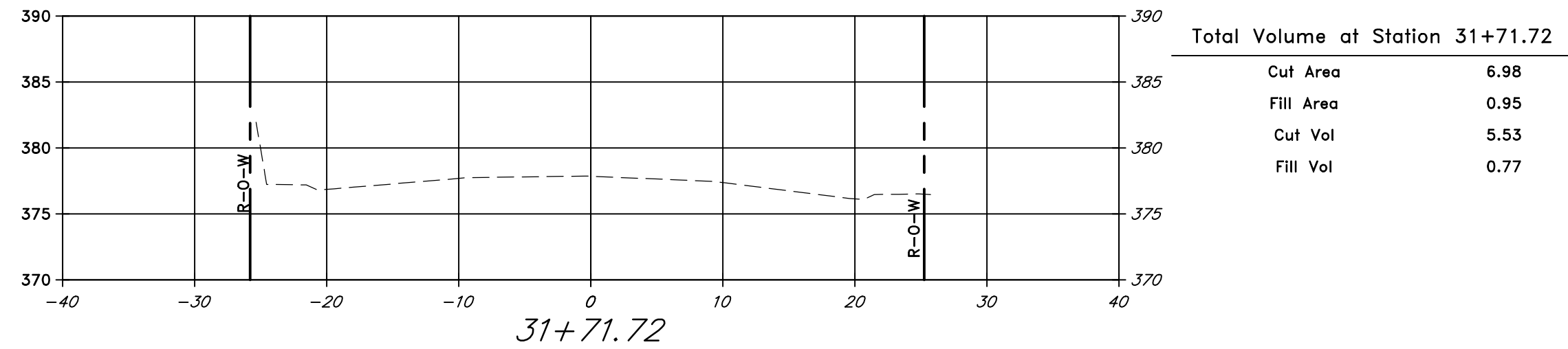
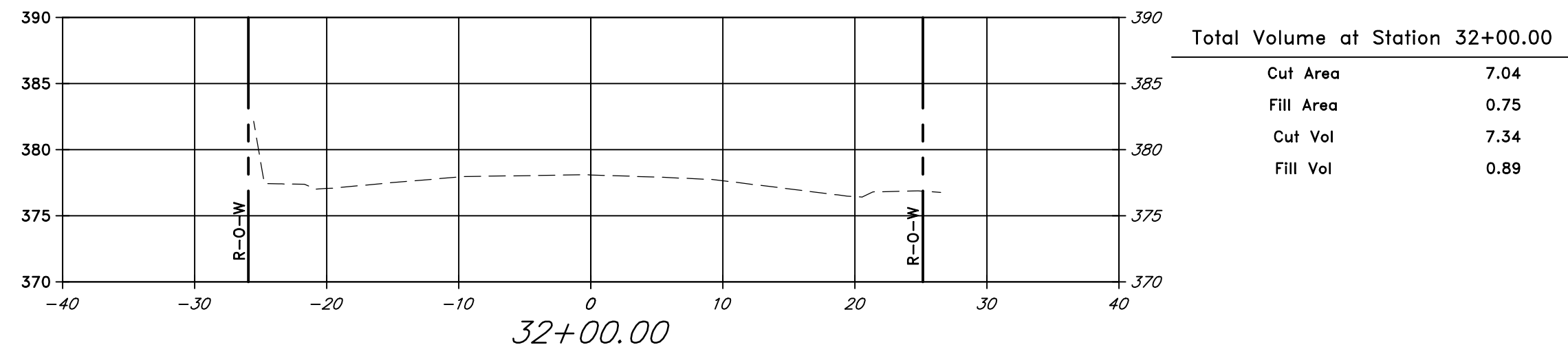
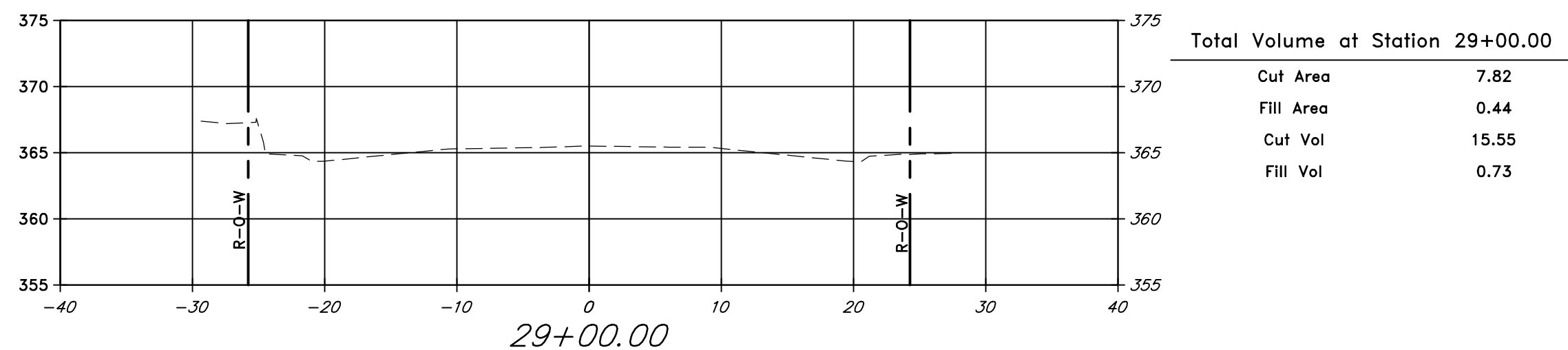
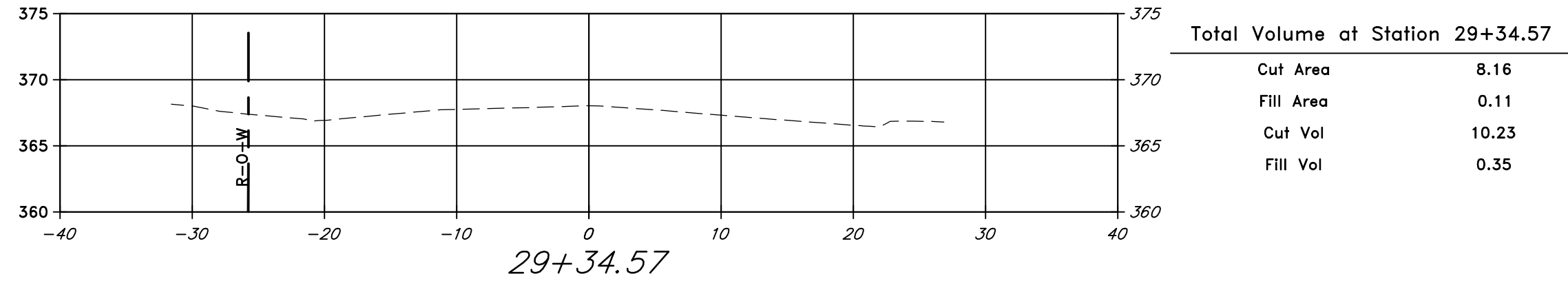
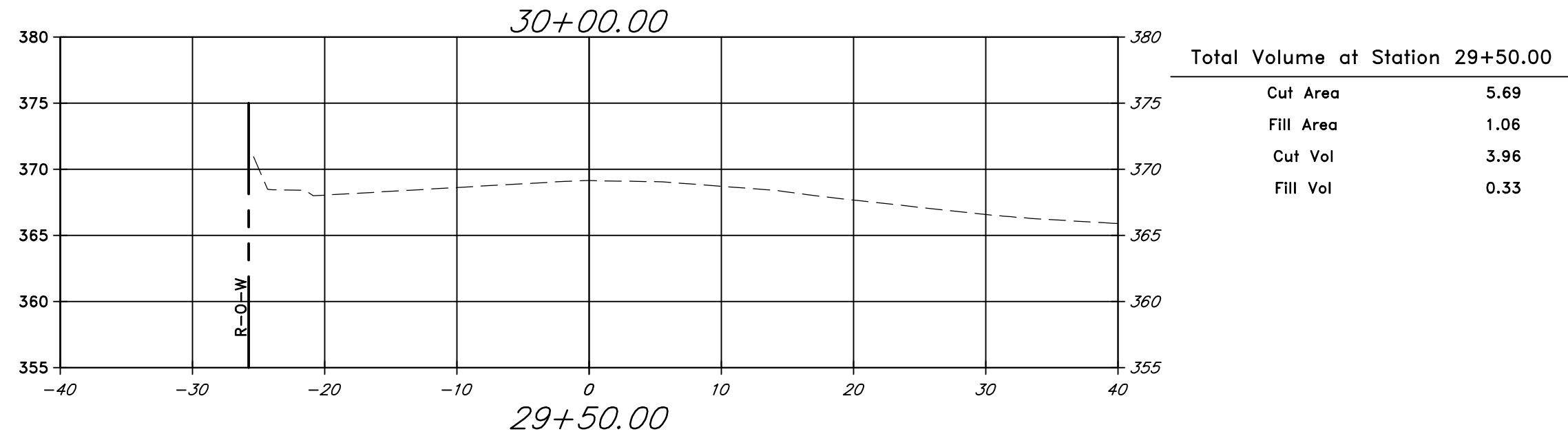
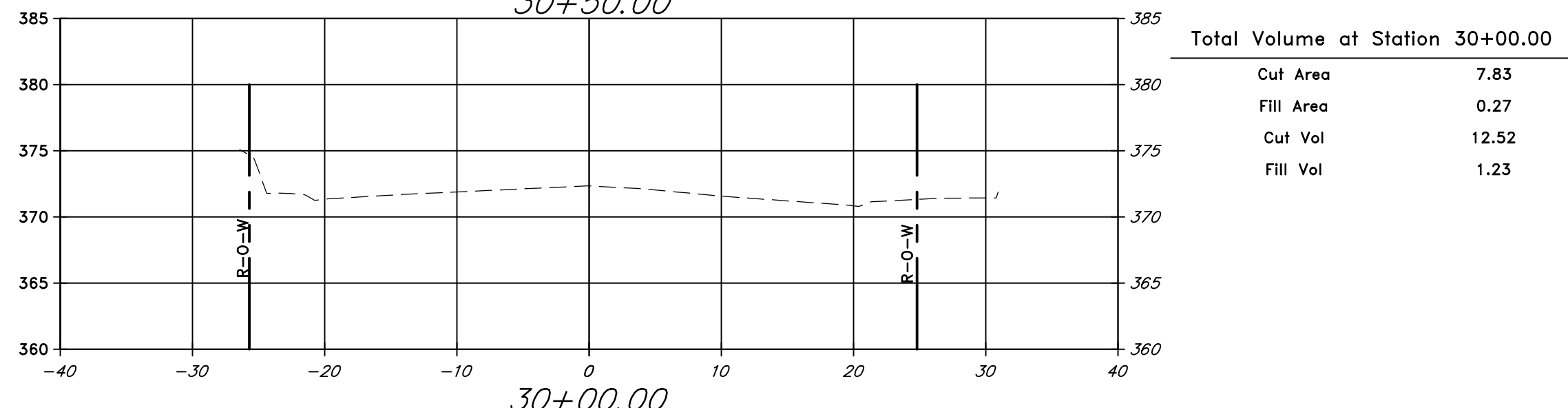
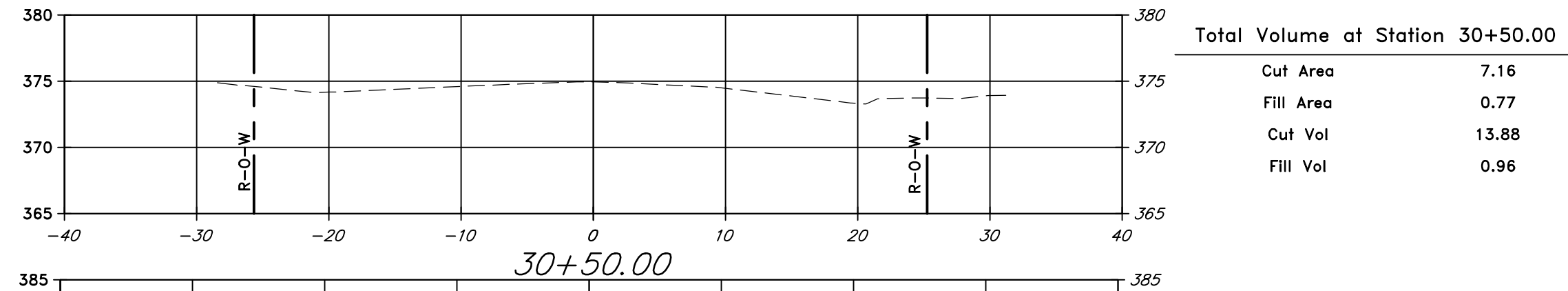
CITY OF LITTLE ROCK, ARKANSAS
MARKHAM ST. STIFF STATION
SIDEWALK IMPROVEMENTS PH I

MAINTENANCE OF TRAFFIC PHASE 2

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

DRAWN BY
JJW
DESIGNED
ACP
CHECKED
WTC
DATE
7/2/2024
SCALE
1"=20'
PROJECT NO.
061839
SHEET NO.
C24

W:\2019\19-5815 Little Rock Markham St. Stiff Station Sidewalk Improvements\Design Drawings\Civil\Phase 1\19-5815-CORRIDOR.dwg 7/2/24 at 12:11pm



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



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



DRAWN BY

JJW

DESIGNED

ACP

CHECKED

WTC

DATE

7/2/2024

SCALE

1:10

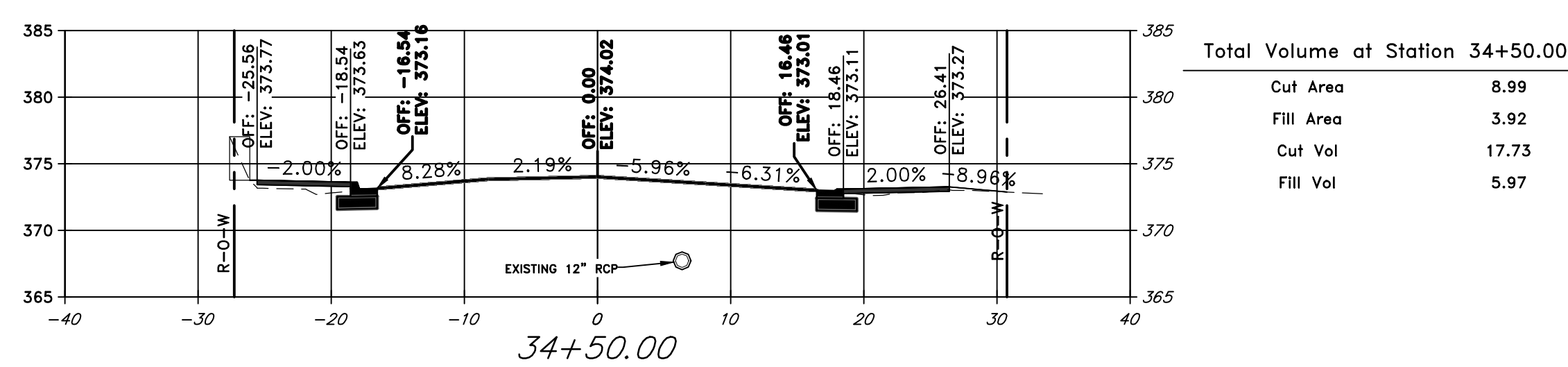
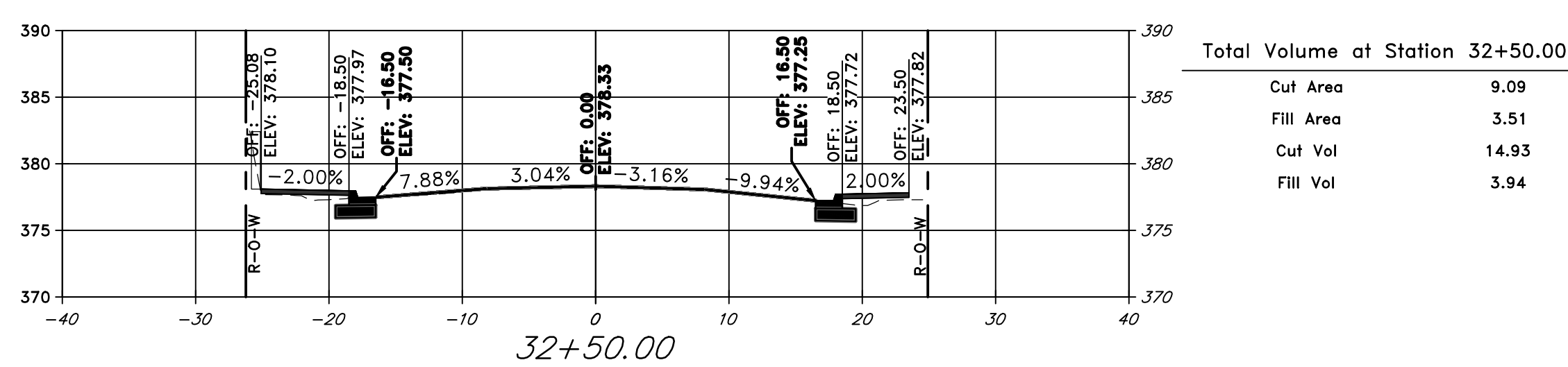
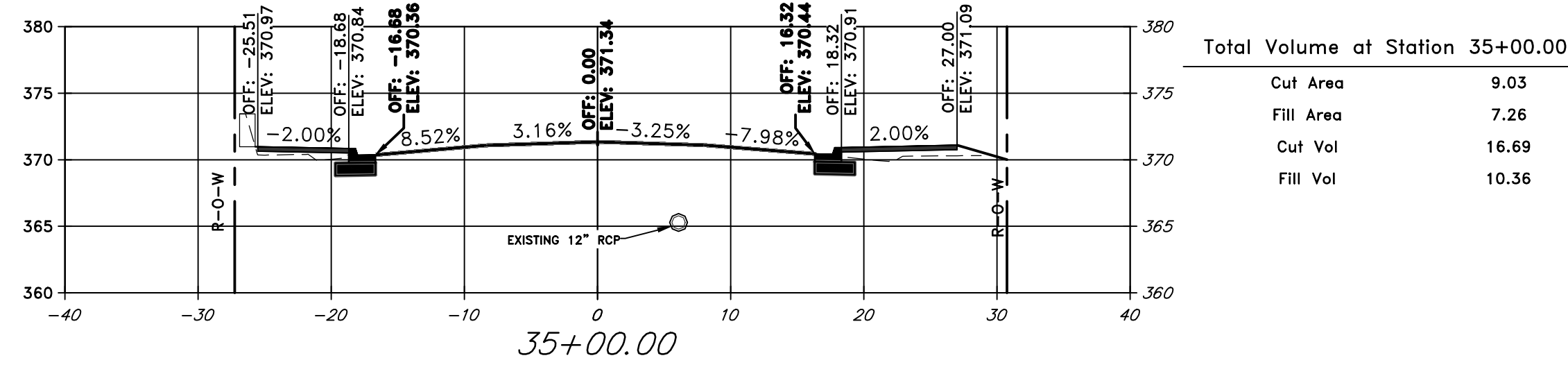
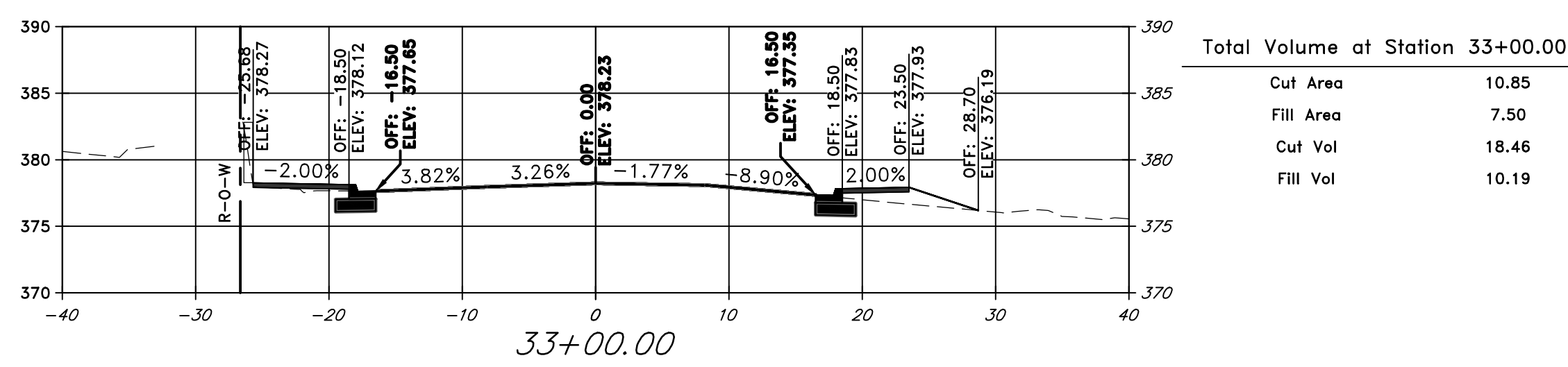
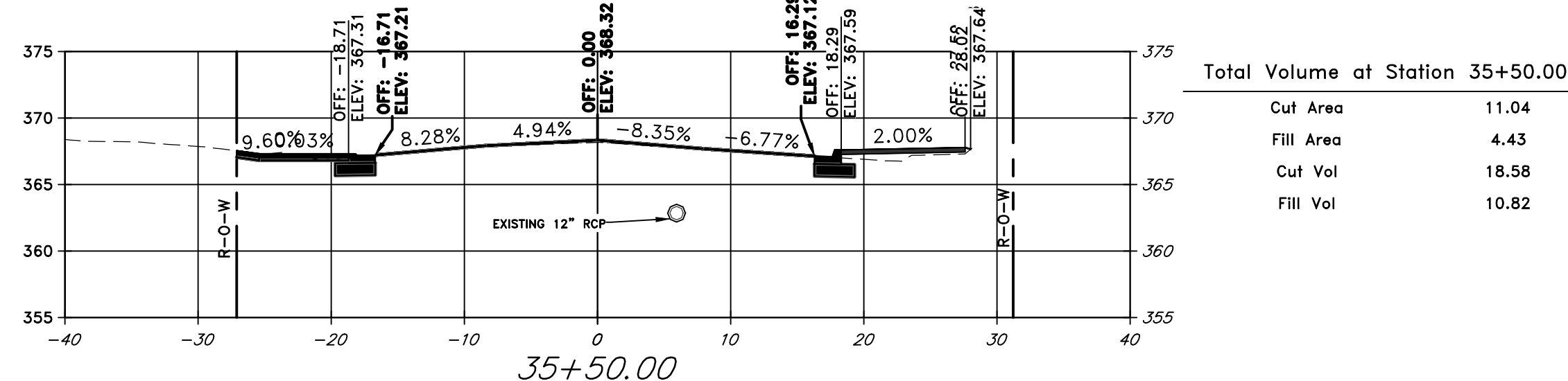
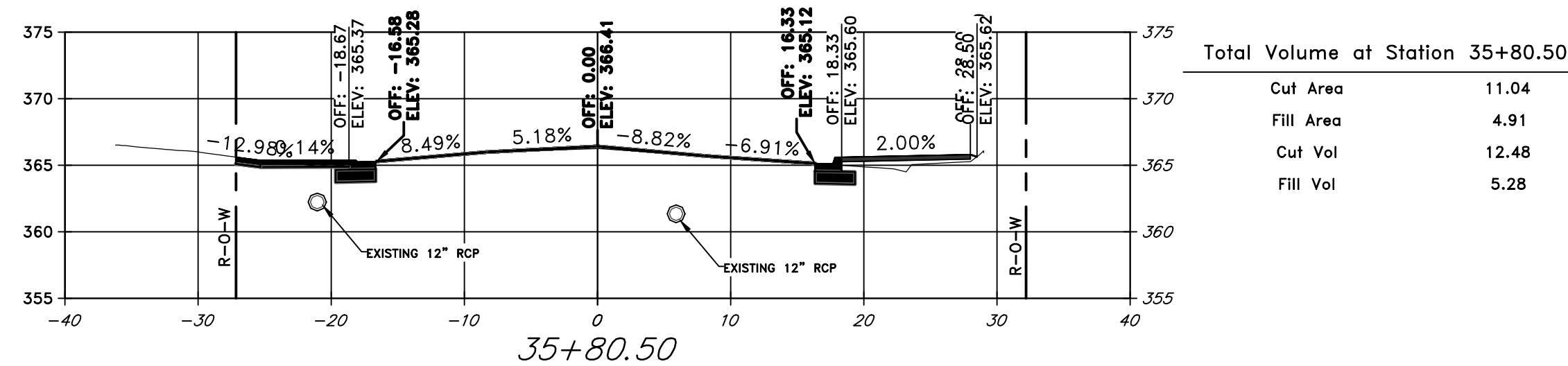
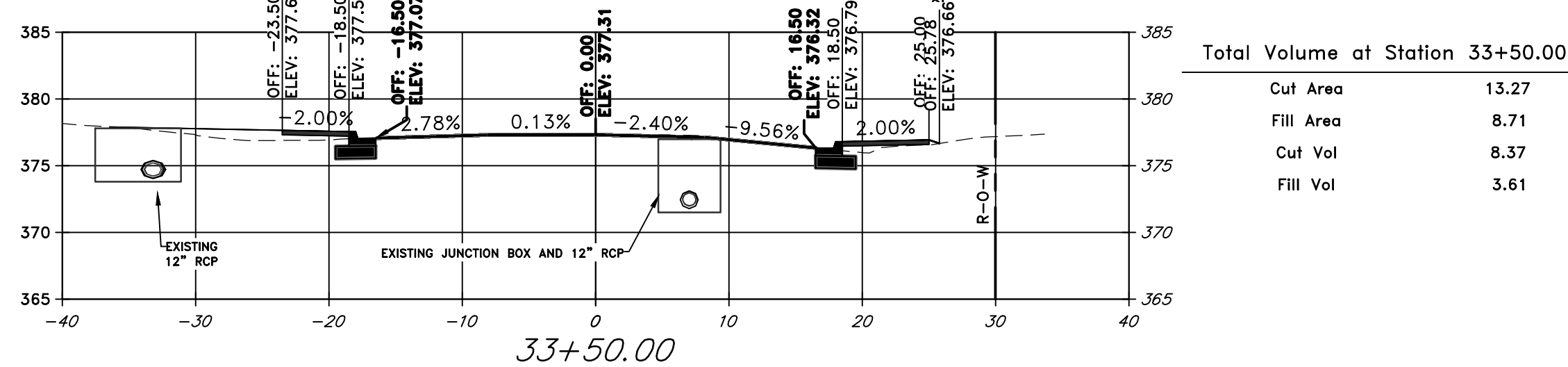
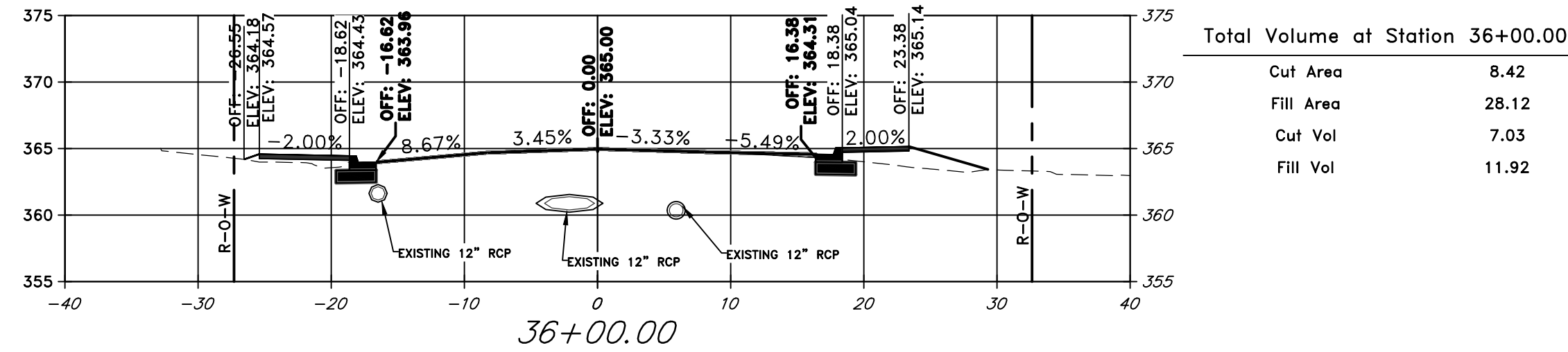
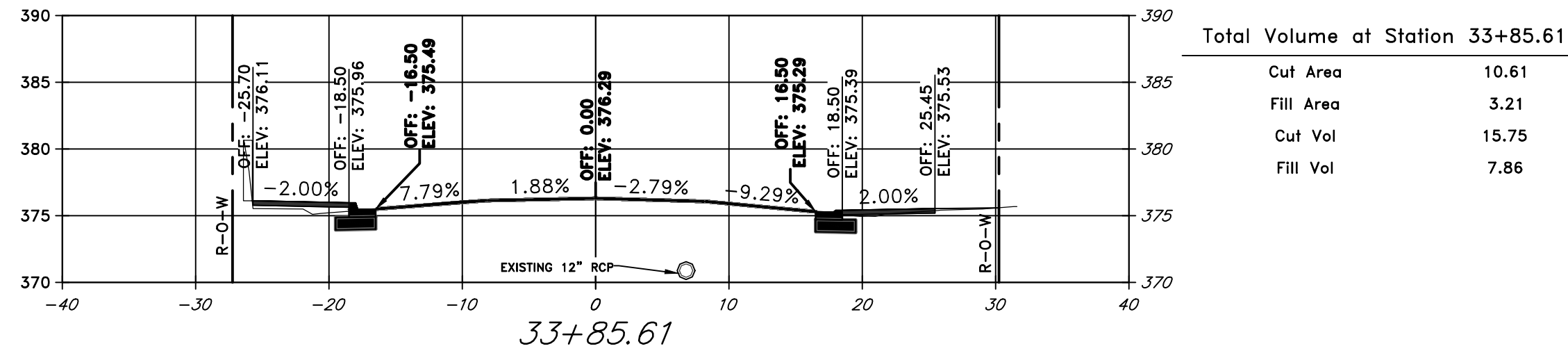
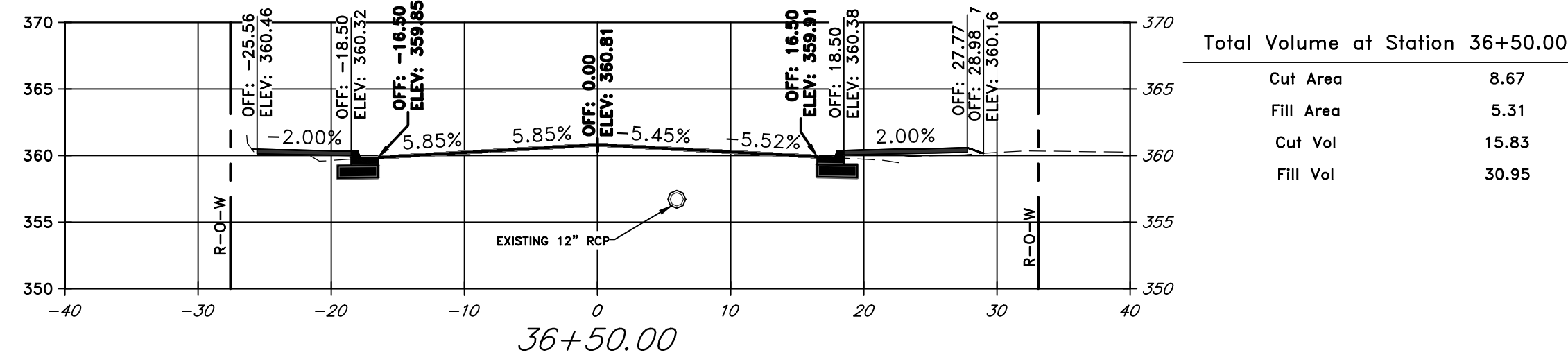
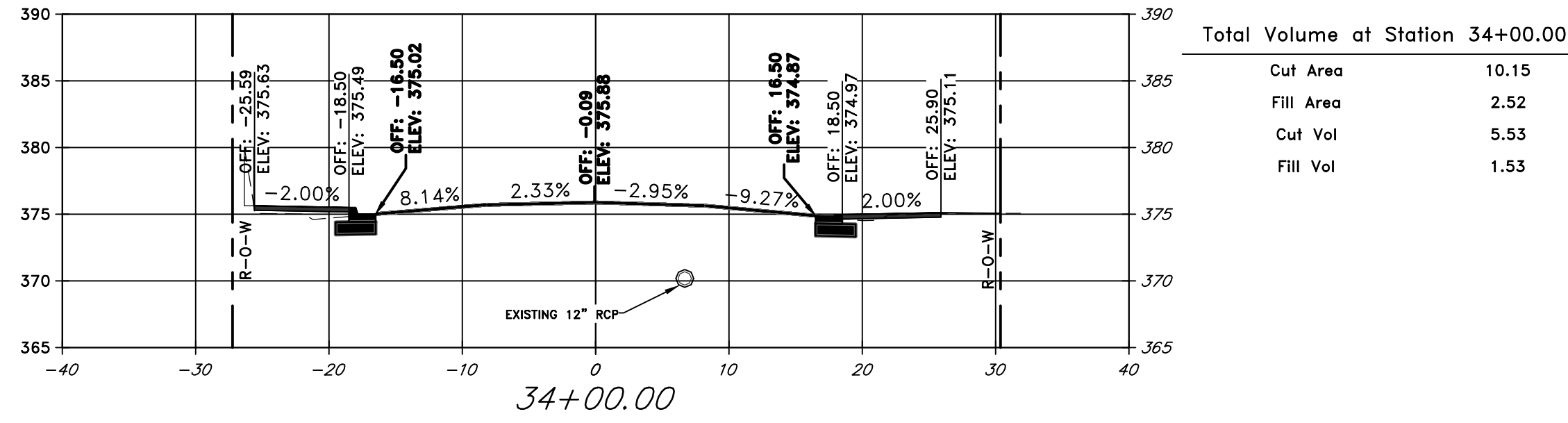
PROJECT NO.

061839

SHEET NO.

C25

W:\2019\19-5815 Little Rock Markham St. Stiff Station Sidewalk Improvements\Design Drawings\Civil\Phase 1\19-5815-CORRIDOR.dwg 7/2/24 at 12:11pm



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

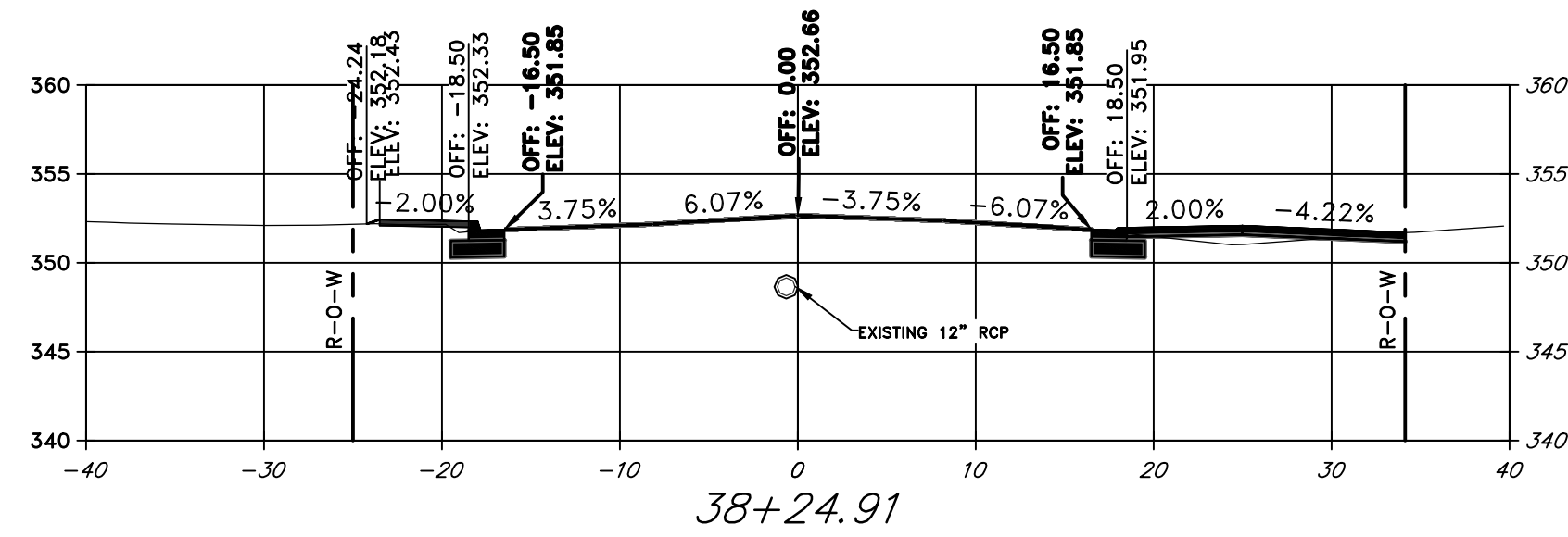
CROSS SECTIONS

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

DRAWN BY
JJW
DESIGNED
ACP
CHECKED
WTC
DATE
7/2/2024
SCALE
1:10
PROJECT NO.
061839

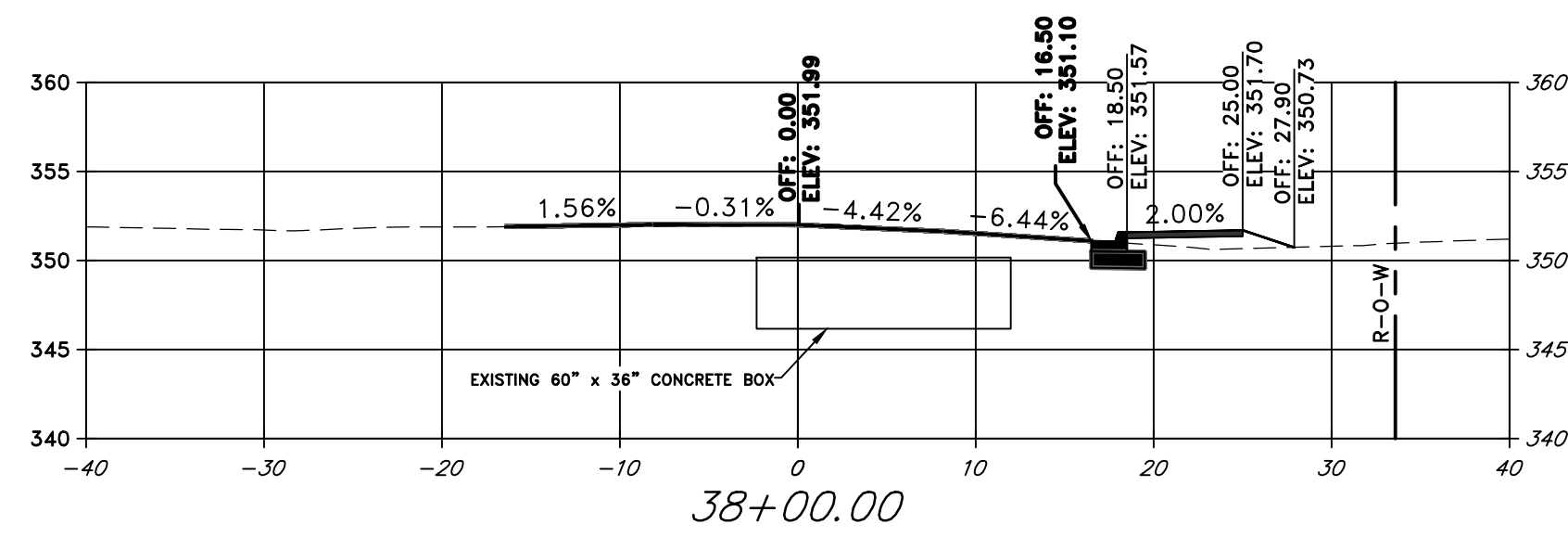
SHEET NO.
C26

W:\2019\19-5815 Little Rock Markham St. Stiff Station Sidewalk Improvements\Design Drawings\Civil\Phase 1\19-5815-CORRIDOR.dwg 7/2/24 at 12:11pm



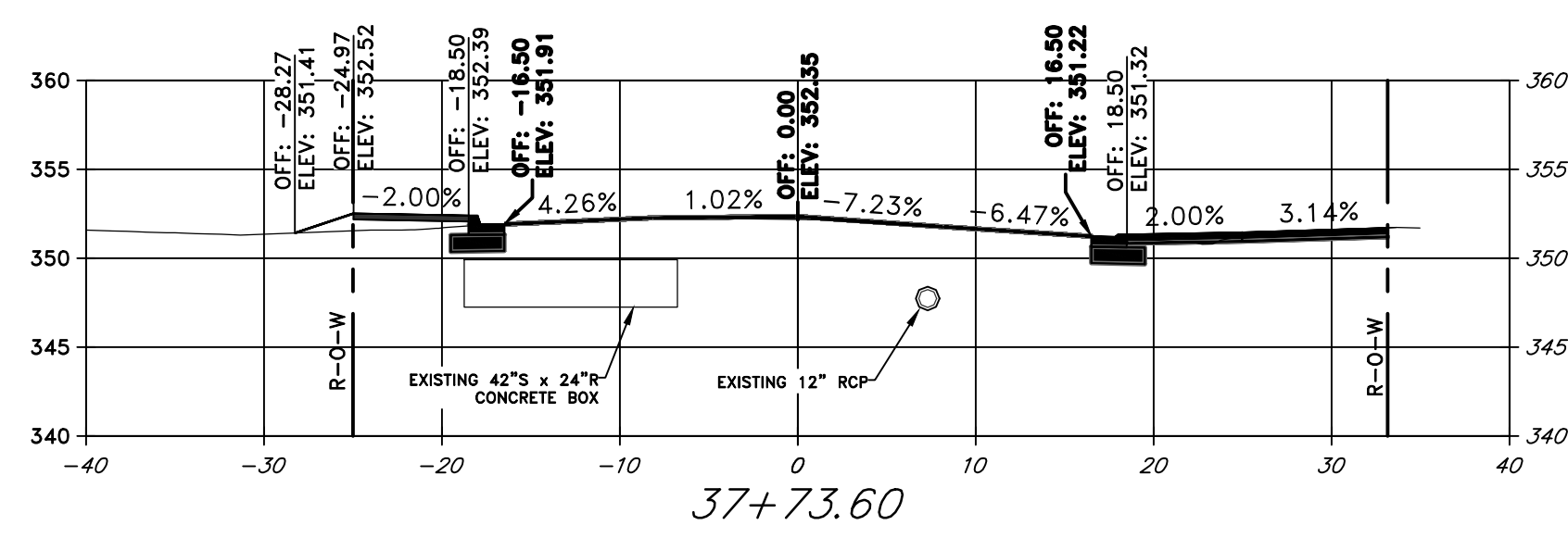
Total Volume at Station 38+24.91

Cut Area	18.12
Fill Area	2.07
Cut Vol	10.59
Fill Vol	3.98



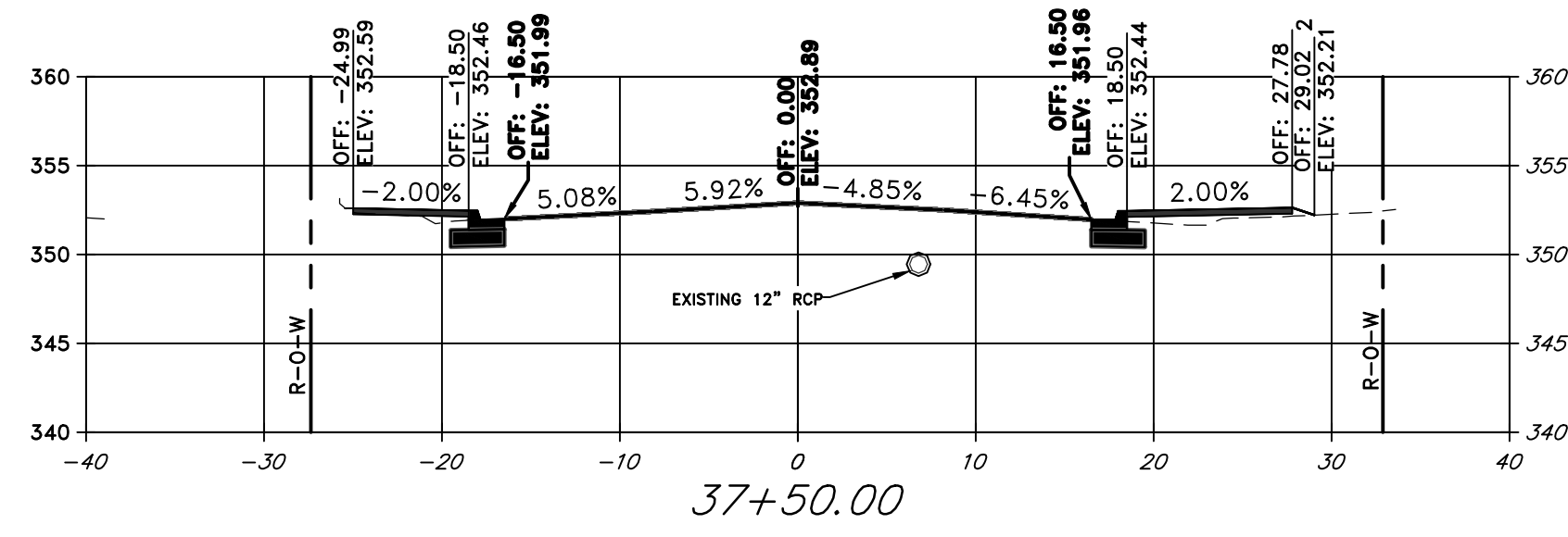
Total Volume at Station 38+00.00

Cut Area	4.83
Fill Area	6.56
Cut Vol	7.21
Fill Vol	6.33



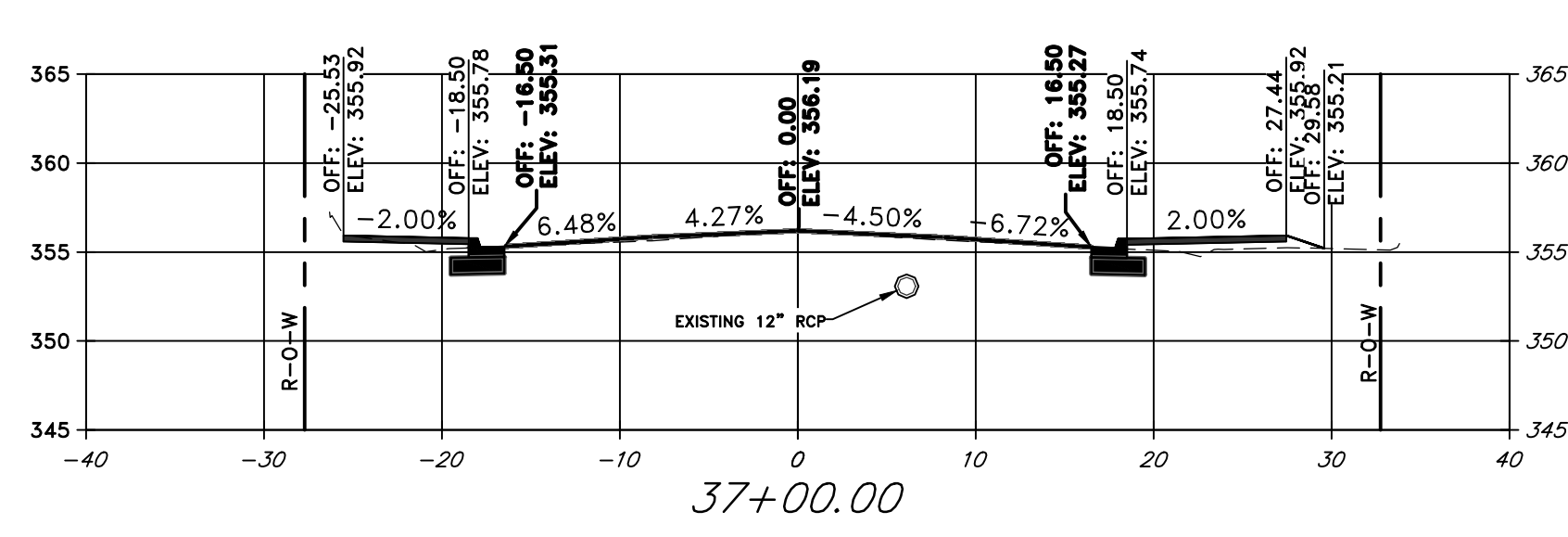
Total Volume at Station 37+73.60

Cut Area	9.92
Fill Area	6.38
Cut Vol	8.55
Fill Vol	4.62



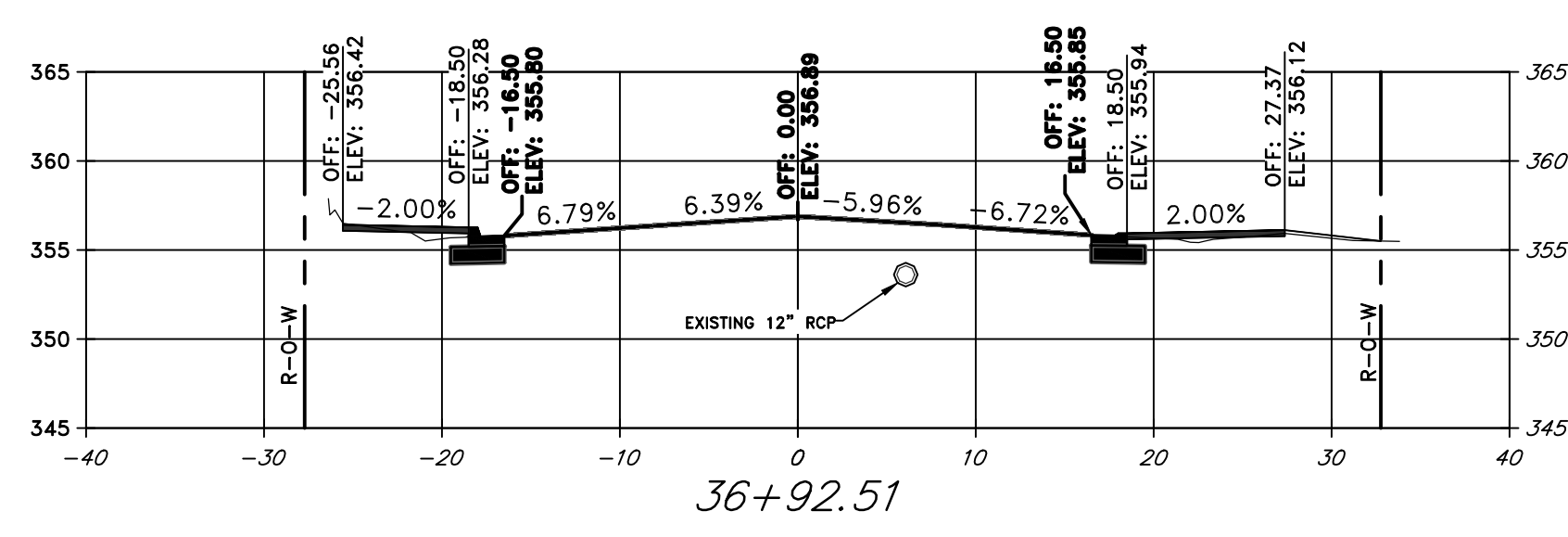
Total Volume at Station 37+50.00

Cut Area	9.64
Fill Area	4.19
Cut Vol	17.61
Fill Vol	11.59



Total Volume at Station 37+00.00

Cut Area	9.38
Fill Area	8.33
Cut Vol	2.65
Fill Vol	1.55

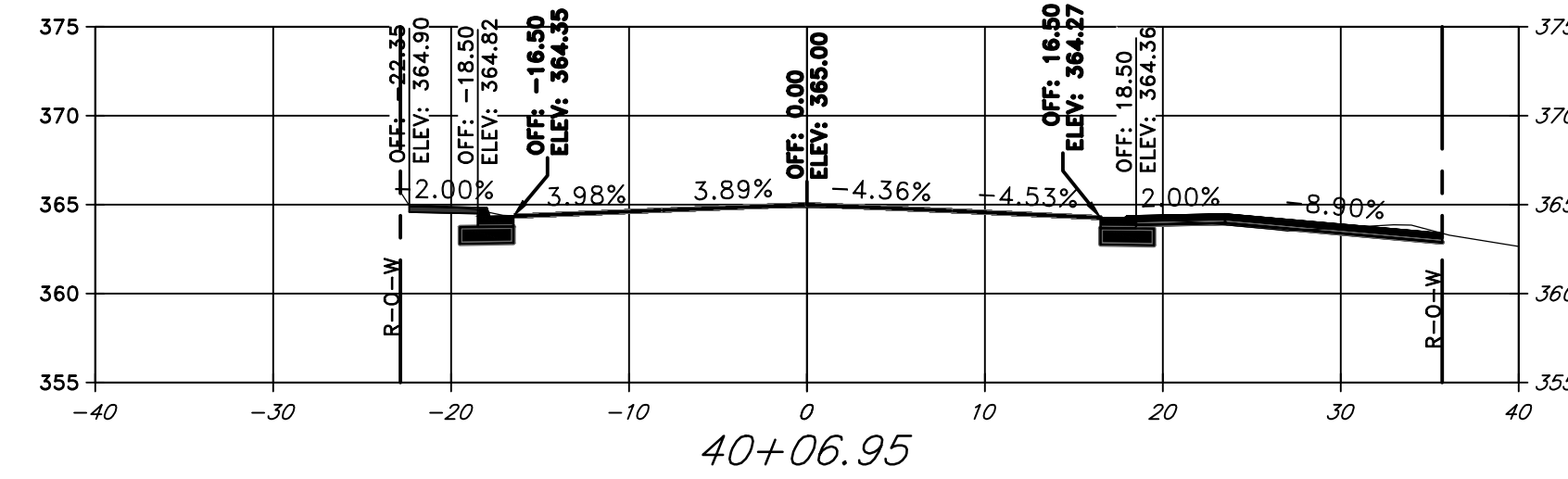


Total Volume at Station 36+92.51

Cut Area	9.73
Fill Area	2.84
Cut Vol	14.49
Fill Vol	6.41

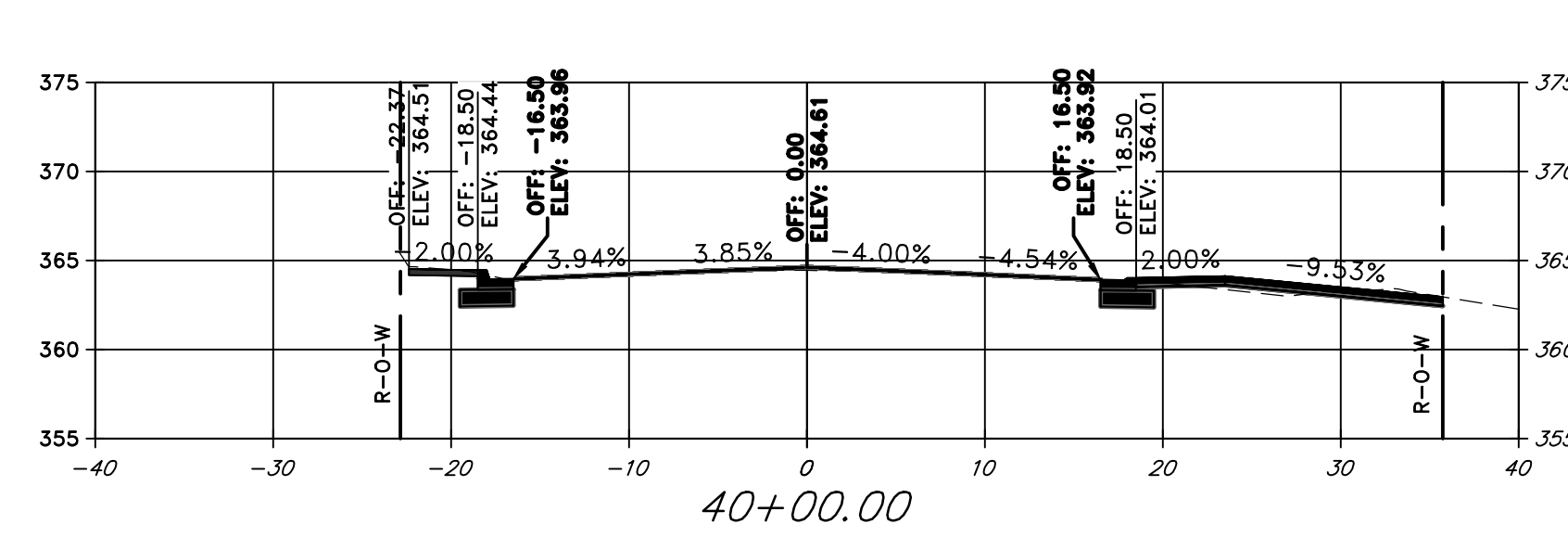
SCALE:
1" = 10' HORIZ.
1" = 10' VERT.

EARROWK QUANTITIES ARE TO BE PAID PER PLAN QUANTITIES ONLY



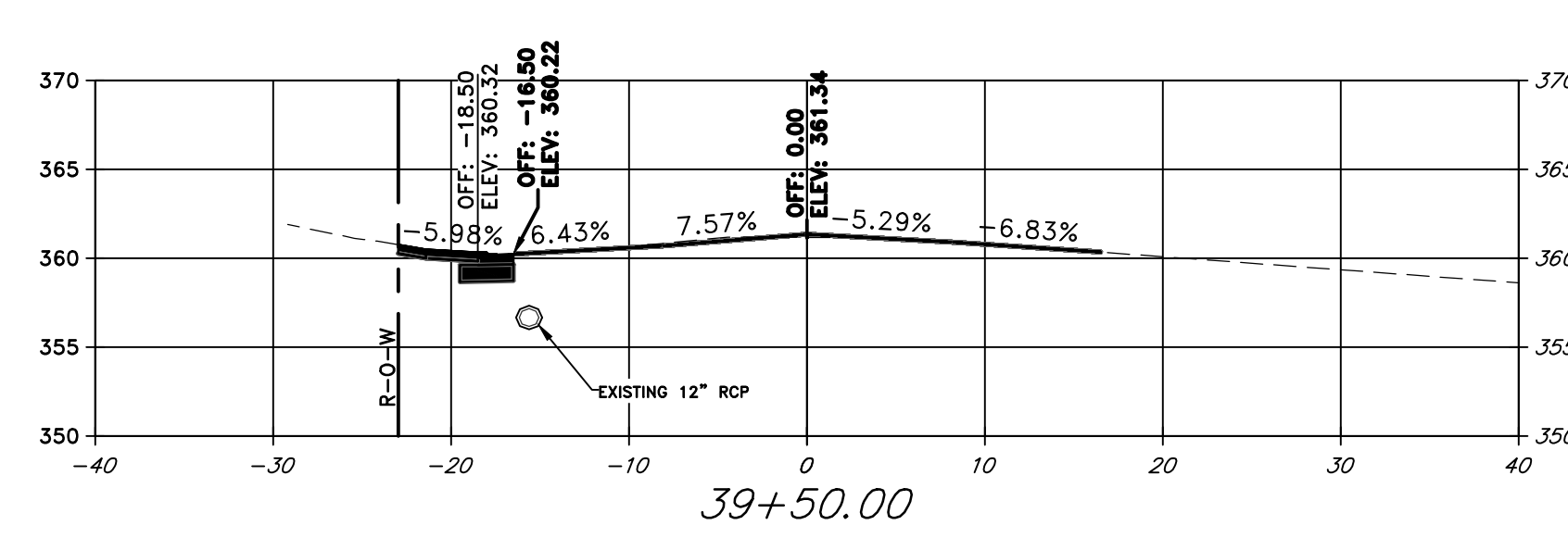
Total Volume at Station 40+06.95

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



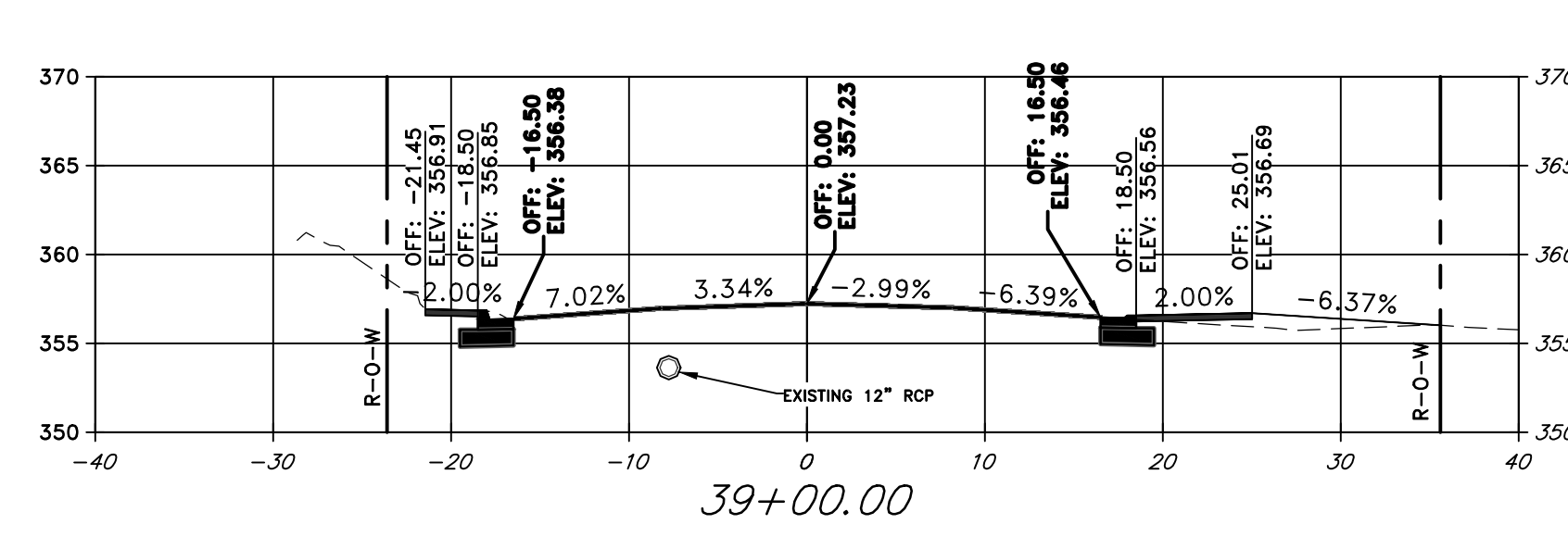
Total Volume at Station 40+00.00

Cut Area	14.39
Fill Area	2.14
Cut Vol	20.84
Fill Vol	3.67



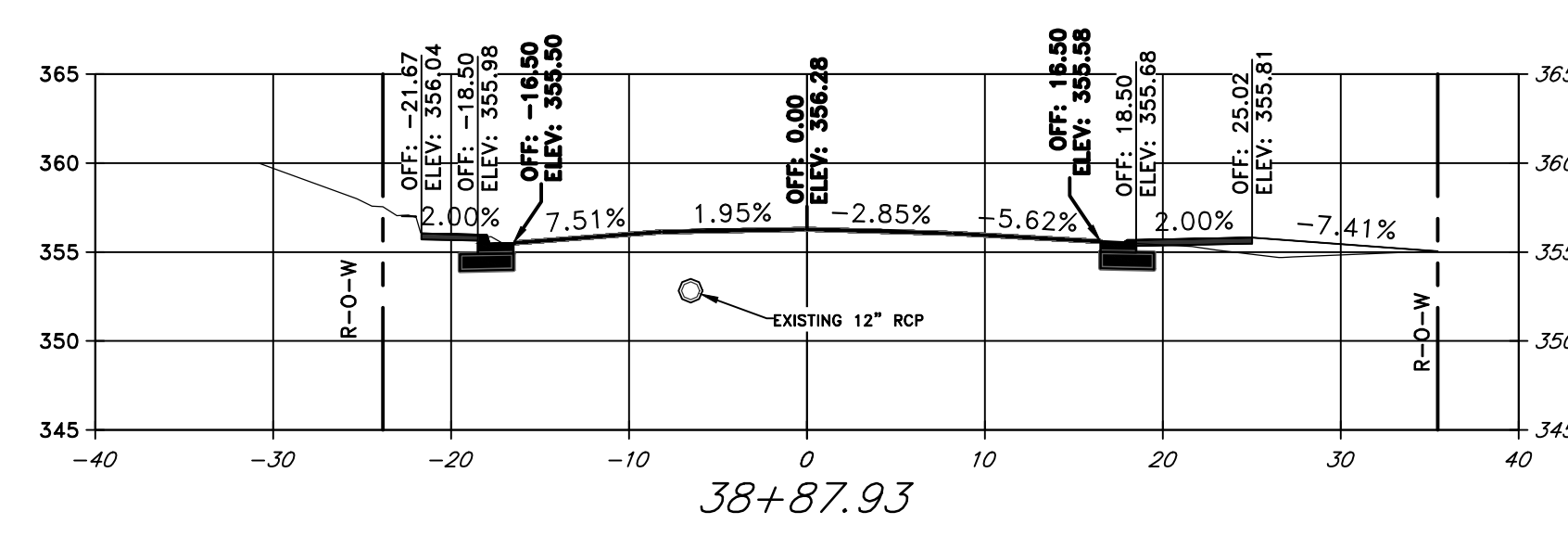
Total Volume at Station 39+50.00

Cut Area	8.11
Fill Area	1.83
Cut Vol	18.33
Fill Vol	7.36



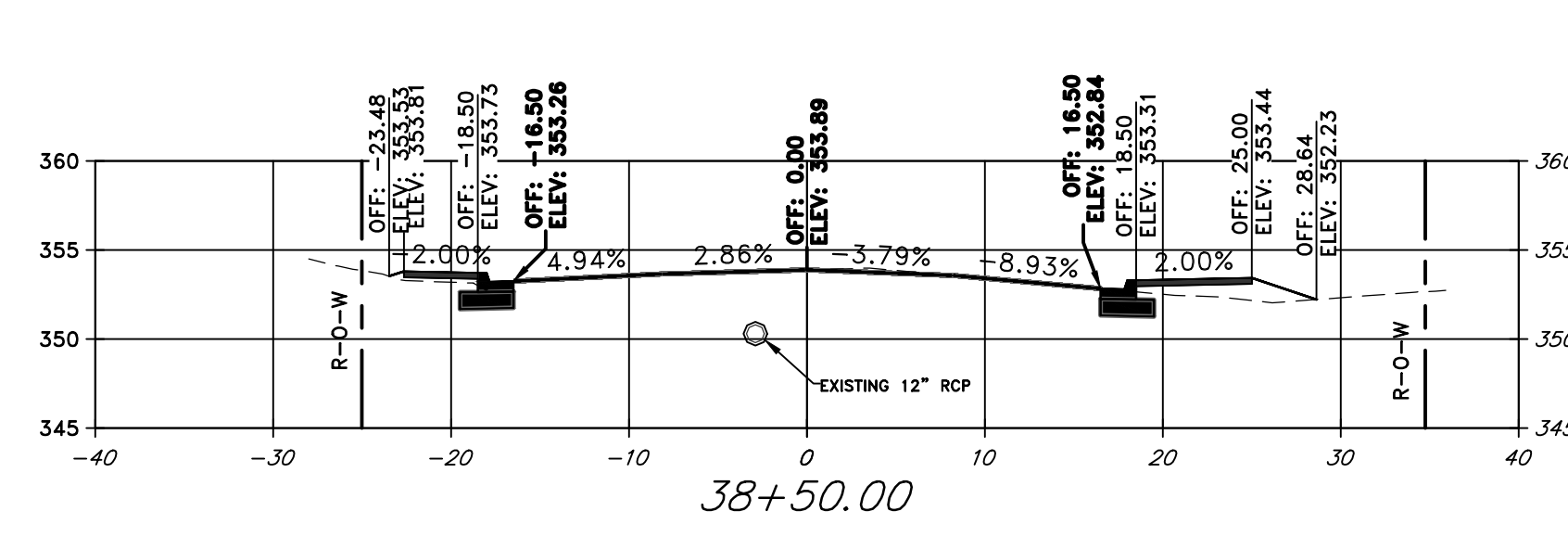
Total Volume at Station 39+00.00

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	10.90



Total Volume at Station 38+50.00

Cut Area	9.28
Fill Area	8.20
Cut Vol	12.73
Fill Vol	4.77

REVISIONS	DATE

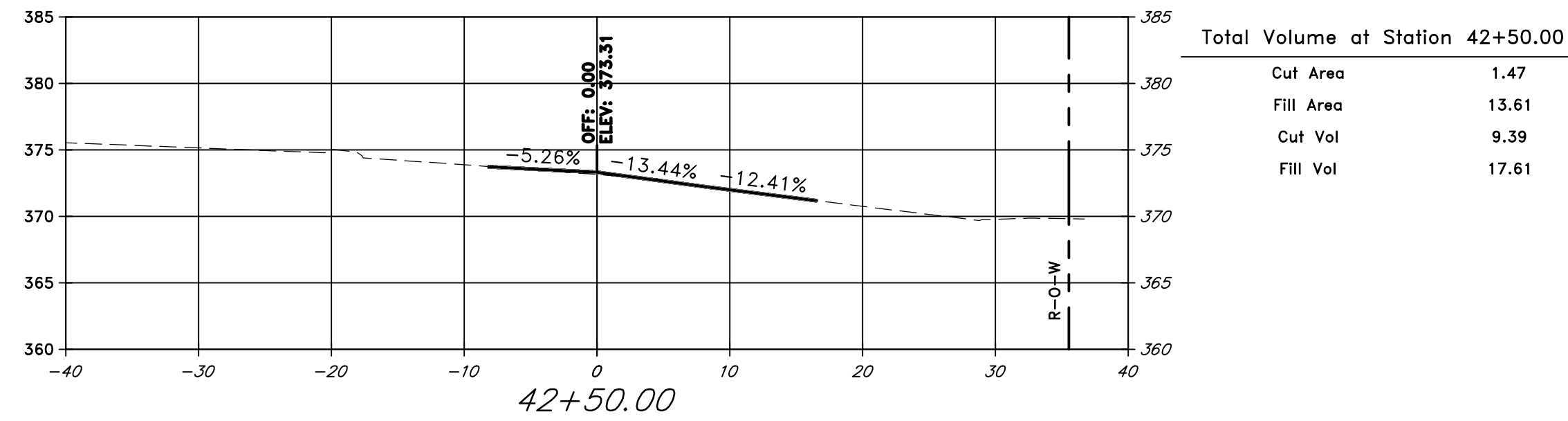
CITY OF LITTLE ROCK, ARKANSAS
MARKHAM ST. STIFF STATION
SIDEWALK IMPROVEMENTS PH I

CROSS SECTIONS

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

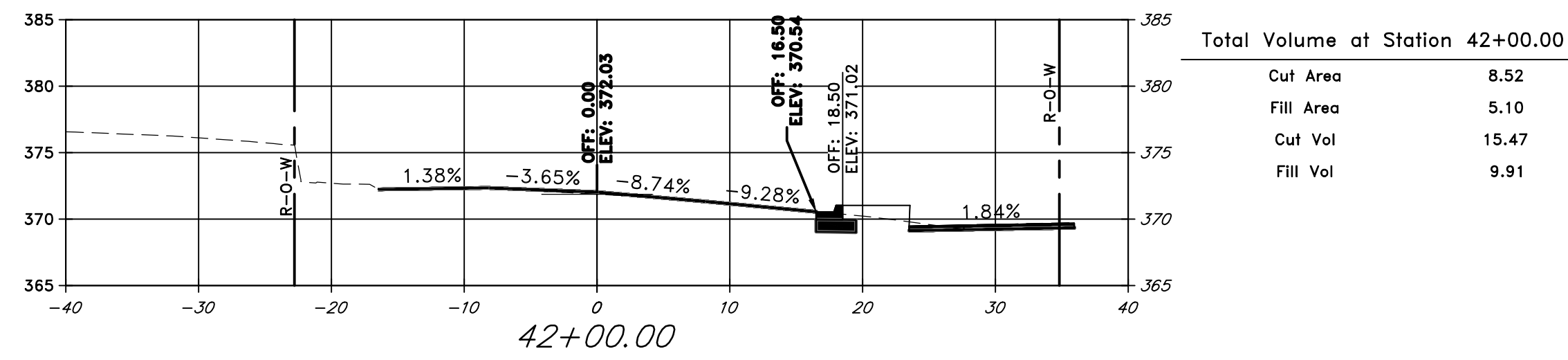
DRAWN BY
JJW
DESIGNED
ACP
CHECKED
WTC
DATE
7/2/2024
SCALE
1:10
PROJECT NO.
061839
SHEET NO.
C27

W:\2019\19-5815 Little Rock Markham St. Stiff Station Sidewalk Improvements\Design Drawings\Civil\Phase I\19-5815-CORRIDOR.dwg, 7/2/24 at 12:11pm



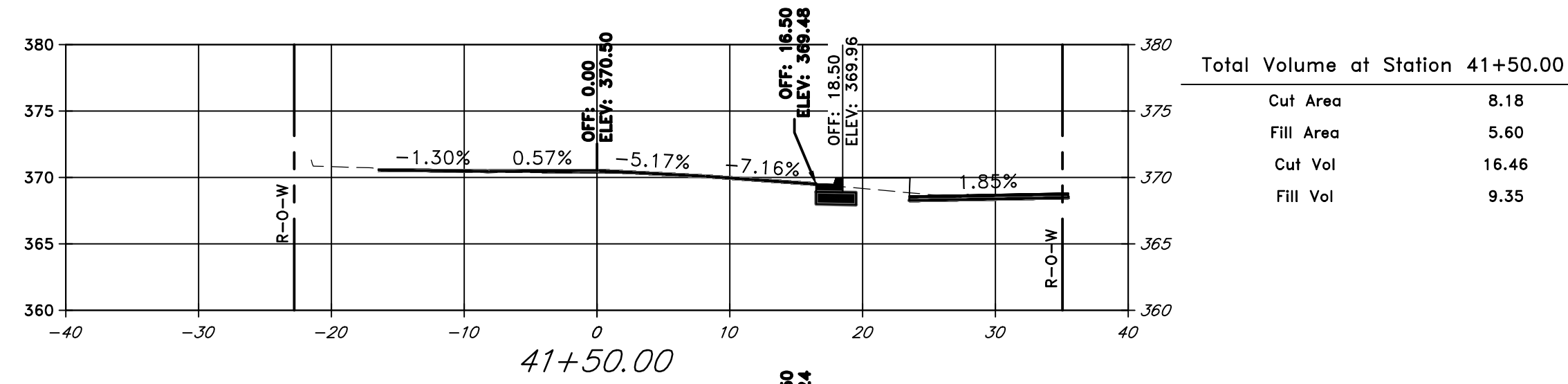
Total Volume at Station 42+50.00

Cut Area	1.47
Fill Area	13.61
Cut Vol	9.39
Fill Vol	17.61



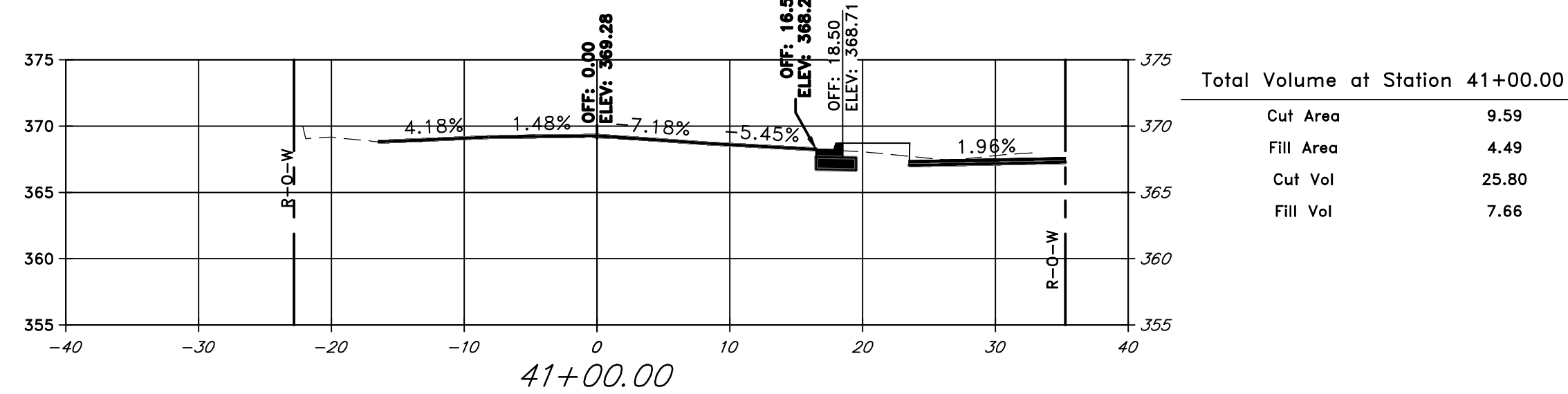
Total Volume at Station 42+00.00

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



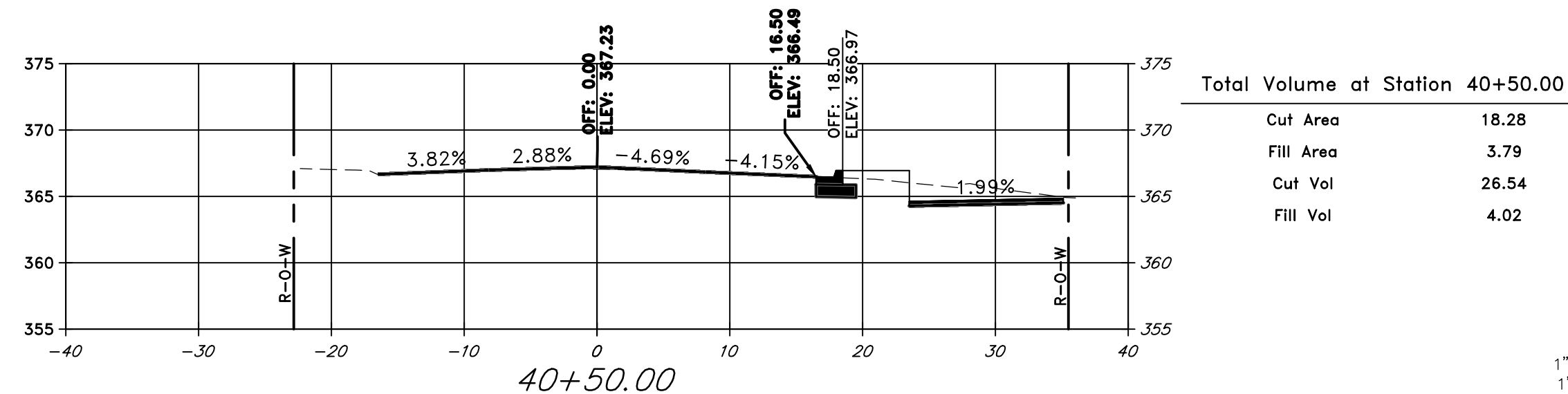
Total Volume at Station 41+50.00

Cut Area	8.18
Fill Area	5.60
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



DEPARTMENT OF PUBLIC WORKS

CIVIL ENGINEERING

701 W. MARKHAM

LITTLE ROCK, ARKANSAS 72201



DRAWN BY

JJW

DESIGNED

ACP

CHECKED

WTC

DATE

7/2/2024

SCALE

1:10

PROJECT NO.

061839

SHEET NO.

C28