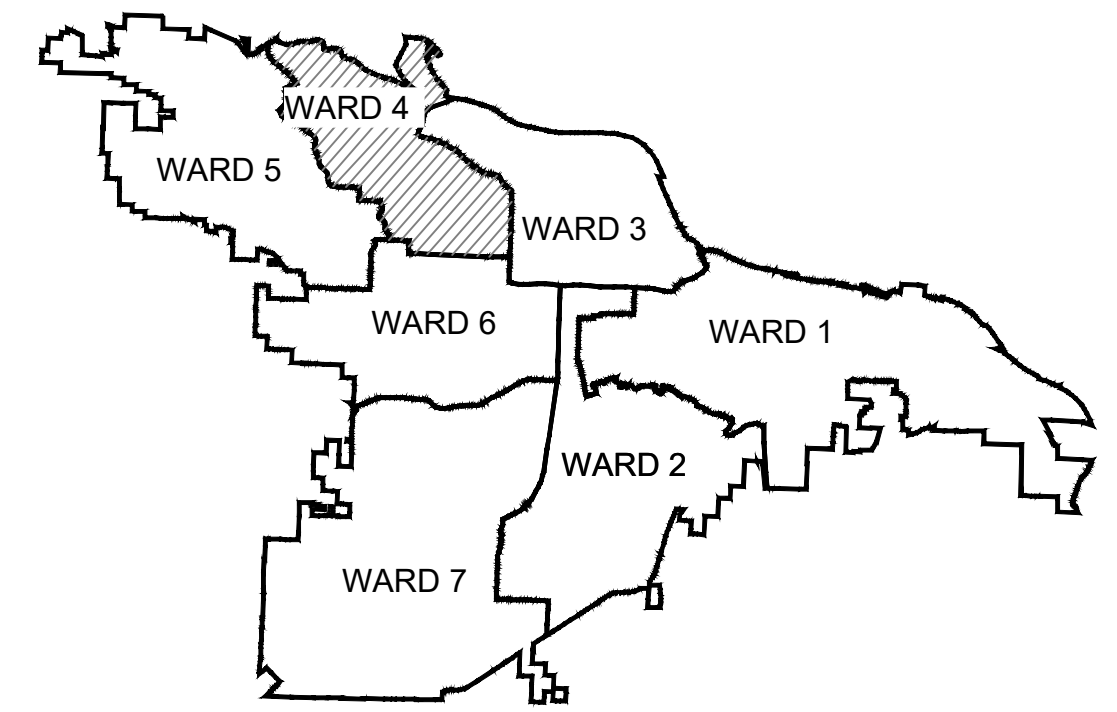


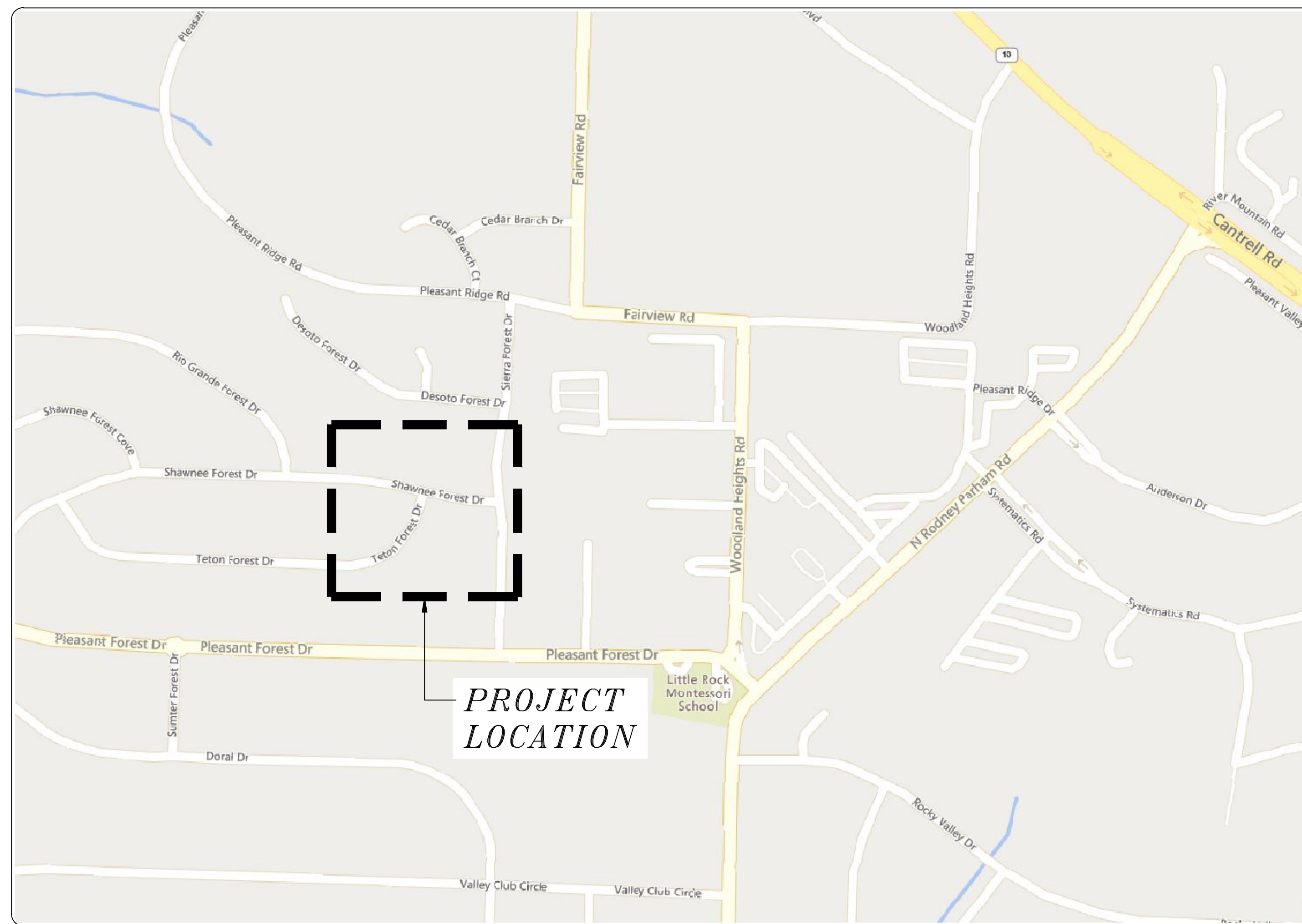
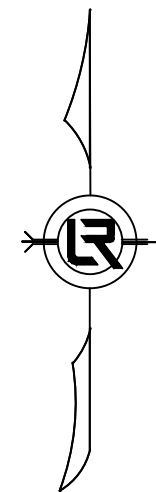


04-22-DR-009

SHAWNEE & TETON DRAINAGE IMPROVEMENTS



PROJECT LOCATION - WARD 4



N.T.S

INDEX OF SHEETS	
SHEET NUMBER	SHEET TITLE
C1	COVER SHEET
C2	LEGEND, NOTES, & QUANTITIES
C3	TOPOGRAPHIC SURVEY
C4	SITE PLAN OVERVIEW
C5	LINE 100 PLAN AND PROFILE
M1	MOT DETOUR & ADVANCE WARNING DETAILS
M2	MOT STAGE 1
M3	MOT STAGE 2

DRAINAGE DESIGN BASED ON 25 YR STORM EVENT

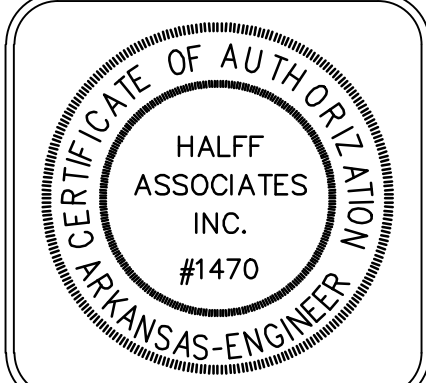


REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
SHAWNEE & TETON DRAINAGE IMPROVEMENTS

COVER SHEET

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



DRAWN BY	DR
DESIGNED	KT
CHECKED	BV
DATE	APRIL 2025
SCALE	AS SHOWN
PROJECT NO.	054616.005
SHEET NO.	C1



10800 Financial Centre Pkwy, Suite 500
Little Rock, Arkansas 72211
Main (501) 801-2679



Know what's below.
Call before you dig.

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

EXISTING	LEGEND	PROPOSED
IRON ROD	○ IR	PROPOSED CONTOUR
PK NAIL	○ PK	PROPOSED SPOT ELEVATION
R.R. SPIKE	○ RR(Sp)	PROPOSED SPOT CURB ELEVATION
CONC. MONUMENT	□ CM	STORM SEWER – PIPE
WATER VALVE	⊗ WV	STORM SEWER – MITERED END SECTION
WATER METER	□ WM	STORM SEWER – GRATE INLET
FIRE HYDRANT	⊕ FH	STORM SEWER – JUNCTION BOX
GAS METER	⊗ GM	STORM SEWER – FLARED END SECTION
GAS VALVE	⊗ GV	STORM SEWER – HEADWALL
CLEAN-OUT	○ CO	STORM SEWER – SINGLE WING
GUARD POST (BOLLARD)	● GP	STORM SEWER – DOUBLE WING
SIGN POST	⊕	STORM SEWER – AREA INLET
BENCHMARK	⊕	GRADE BREAK LINE
STORM SEWER MANHOLE	⊕	HIGH POINT
SANITARY SEWER MANHOLE	⊕	LOW POINT
TELEPHONE MANHOLE	⊕	CUT LINE
ELECTRIC MANHOLE	⊕	FILL LINE
TELEPHONE BOX	⊕	SANITARY SEWER PIPE
ELECTRIC BOX	⊕	SANITARY SEWER MANHOLE
CABLE BOX	⊕	PROPOSED CURB
UTILITY POLE	⊕	PROPOSED CONCRETE
GUY WIRE	⊕	CONSTRUCTION – ENTRANCE/EXIT
LIGHT POLE	⊕	CHECK DAM
POST OR POLE (TYPE AS NOTED)	⊕	DIVERSION BERM
MAILBOX	⊕	DOWNDRAIN STRUCTURE – TEMPORARY
DECIDUOUS TREE	⊕	ROCK DAM
EVERGREEN/CONIFEROUS TREE	⊕	SEDIMENT BARRIER – SILT FENCE
BUSH	⊕	SEDIMENT BARRIER – GRAVEL RING
PROPERTY LINE	⊕	SEDIMENT BARRIER – BLOCK & GRAVEL
SETBACK LINE	⊕	SEDIMENT BARRIER – BLOCK
EASEMENT LINE	⊕	TEMPORARY SEDIMENT BASIN
CURB	⊕	SILT FENCE – TYPE A
FENCE	⊕	SILT FENCE – TYPE B
OVERHEAD ELECTRIC	⊕	SILT FENCE – TYPE C
OVERHEAD TELEPHONE	⊕	STORM DRAIN OUTLET PROTECTION
OVERHEAD CABLE	⊕	SURFACE ROUGHENING
UNDERGROUND TELEPHONE	⊕	DISTURBED AREA STABILIZATION –TEMPORARY STABILIZATION
UNDERGROUND ELECTRIC	⊕	DISTURBED AREA STABILIZATION –TEMPORARY GRASSING
UNDERGROUND CABLE	⊕	DISTURBED AREA STABILIZATION –PERMANENT GRASSING
WATER LINE	⊕	MATTING/BANKETS
SEWER LINE	⊕	
GAS LINE	⊕	
STORM SEWER/CULVERT	⊕	
EDGE OF WOODS	⊕	
CONTOUR LINE	⊕	

QUANTITIES

Item #	Description	Unit	Quan.
2.01	SITE PREPARATION	LS	1
7.06	CONCRETE DRIVEWAY (6" THICK), STANDARD FINISH	SF	350
8.03	CONCRETE CURB AND GUTTER (CLASS 3)	LF	50
10.03	REVERSE CURB INLET-4' BOX /OPEN BACK	EA	1
10.03	OFFSET CURB INLET	EA	1
10.04	CURB INLET - 4' BOX	EA	1
10.07	3' WING EXTENSIONS	EA	4
10.1	6' WING EXTENSIONS	EA	2
10.8	REBUILD CURB INLET	EA	2
13.18C	STORM DRAIN PIPE CROSS DRAIN, 18"	LF	25
13.18S	STORM DRAIN PIPE SIDE DRAIN, 18"	LF	60
13.61	TIE INTO EXISTING CURB INLET	EA	1
13.62	TIE INTO EXISTING CONCRETE PIPE	EA	1
14.01	SOLID SOD, MATCH EXISTING (INCLUDES 4" TOPSOIL)	SY	69
16.01	MAINTENANCE OF TRAFFIC	LS	1
17.01	PAVEMENT/STREET REPAIRS	SY	35
18.55	WATER FOR DUST CONTROL	GAL	10000
19.01	FINAL CLEANUP	LS	1
22.1	MAILBOX RELOCATION	EA	1
24.14	STORM DRAIN PROTECTION	EA	2

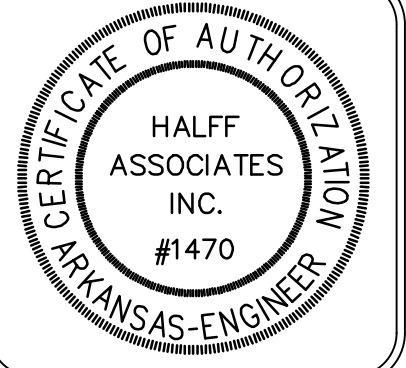


4-21-25

REVISIONS	DATE

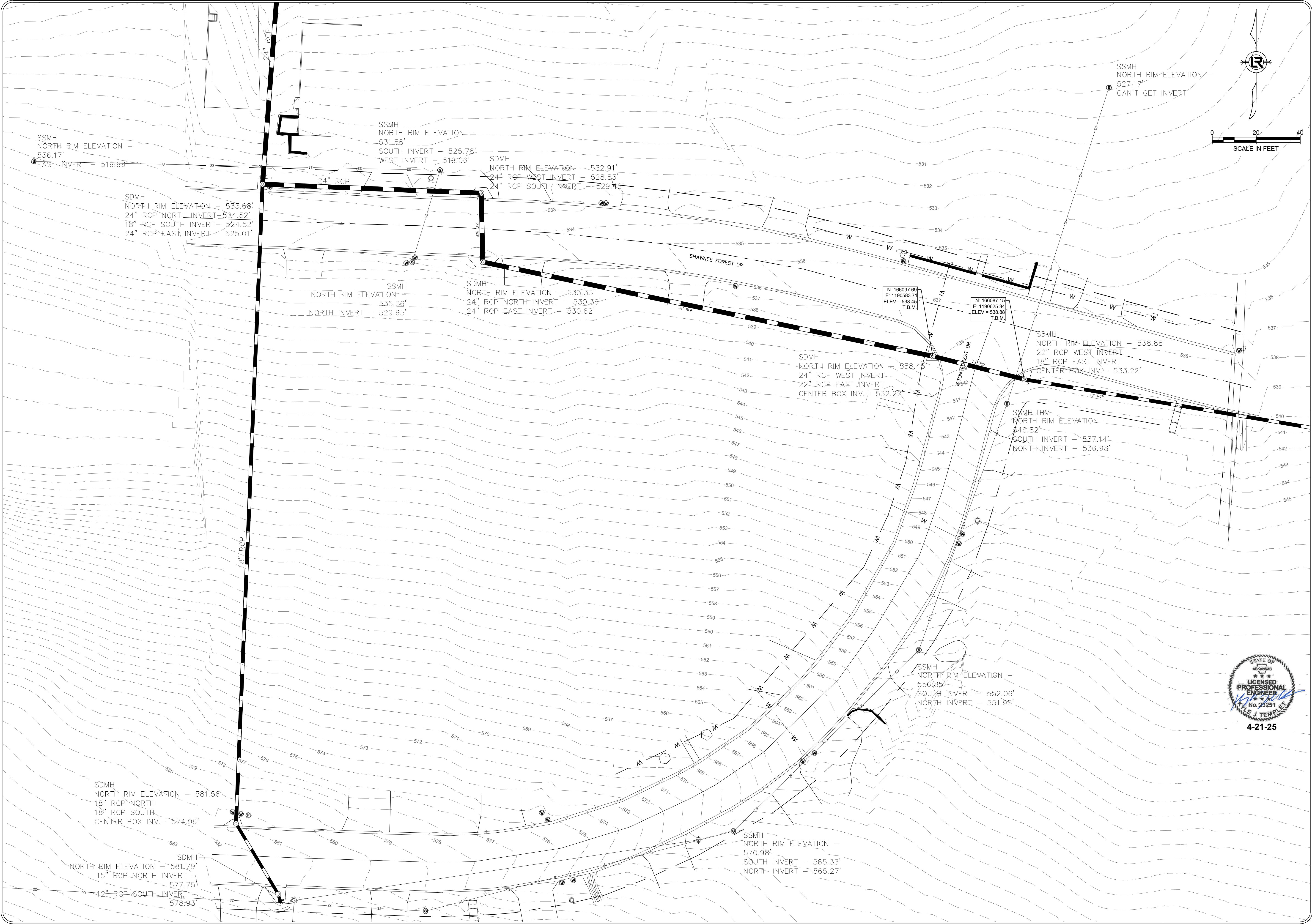
CITY OF LITTLE ROCK, ARKANSAS
SHAWNEE & TETON DRAINAGE IMPROVEMENTS
LEGEND, NOTES, & QUANTITIES

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



DRAWN BY DR
DESIGNED KT
CHECKED BV
DATE APRIL 2025
SCALE AS SHOWN
PROJECT NO. 054616.005
SHEET NO. C2

FILE NAME: A:\540008\546\6\005\PM\CADD\Sheet\IC-PLAN-EX_SITE-0546 6.005.dwg DATE: April 21, 2025, TIME: 2:11 PM, USER: ah4757



REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS

SHAWNEE & TETON DRAINAGE IMPROVEMENTS

TOPOGRAPHIC SURVEY

DEPARTMENT OF PUBLIC WORKS

CIVIL ENGINEERING

701 W. MARKHAM

LITTLE ROCK, ARKANSAS 72201

CERTIFICATE OF AUTHORIZATION

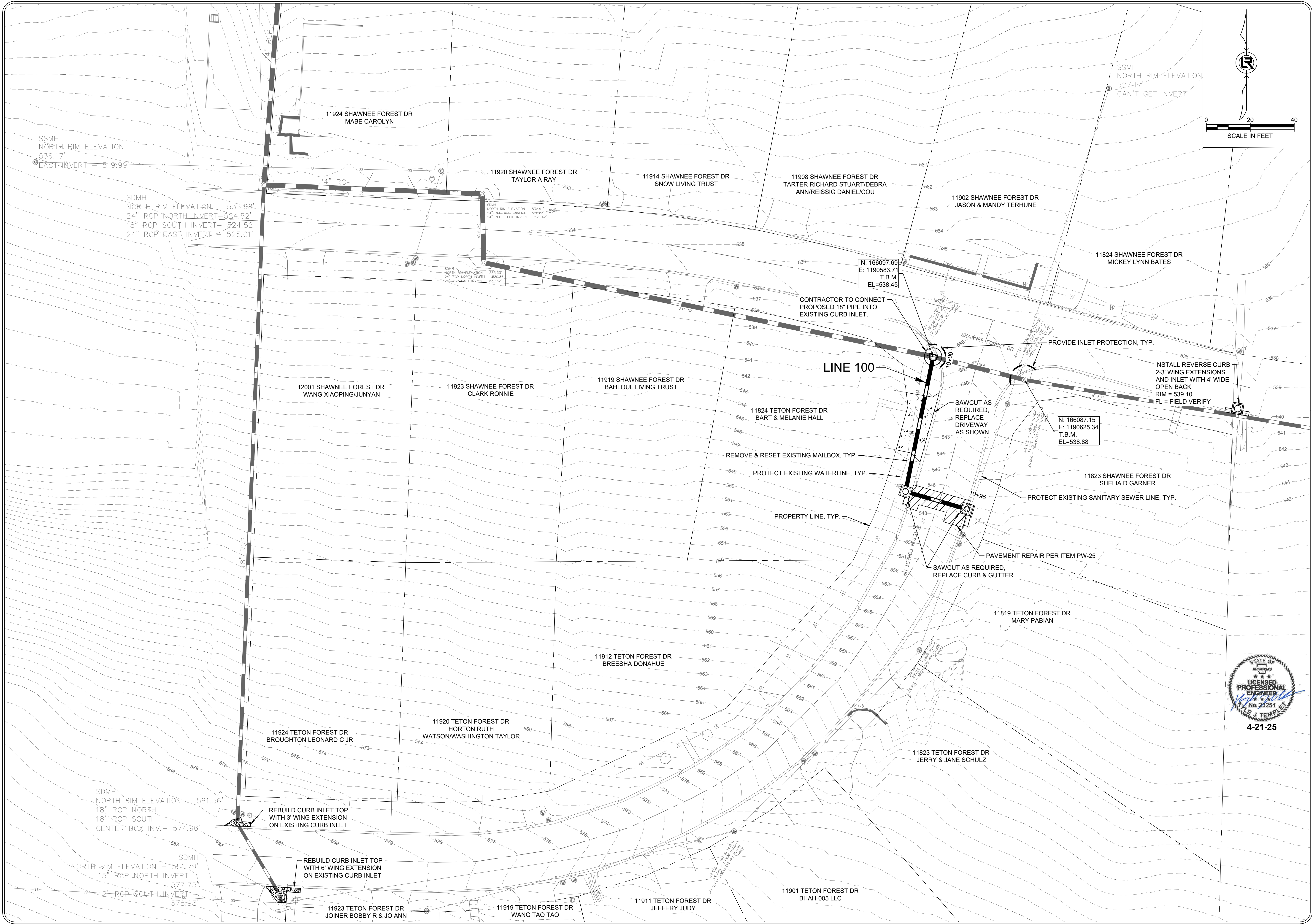
HALFF ASSOCIATES INC.

#1470

ARKANSAS-ENGINEER

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DESIGNED
KT
CHECKED
BV
DATE
APRIL 2025
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AS SHOWN
PROJECT NO.
054616.005
SHEET NO.
C3

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REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS

SHAWNEE & TETON DRAINAGE IMPROVEMENTS

SITE PLAN OVERVIEW

DEPARTMENT OF PUBLIC WORKS

CIVIL ENGINEERING

701 W. MARKHAM

LITTLE ROCK, ARKANSAS 72201

CERTIFICATE OF AUTHORIZATION

HALFF ASSOCIATES INC.

#1470

ARKANSAS-ENGINEER

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DR

DESIGNED

KT

CHECKED

BV

DATE

APRIL 2025

SCALE

AS SHOWN

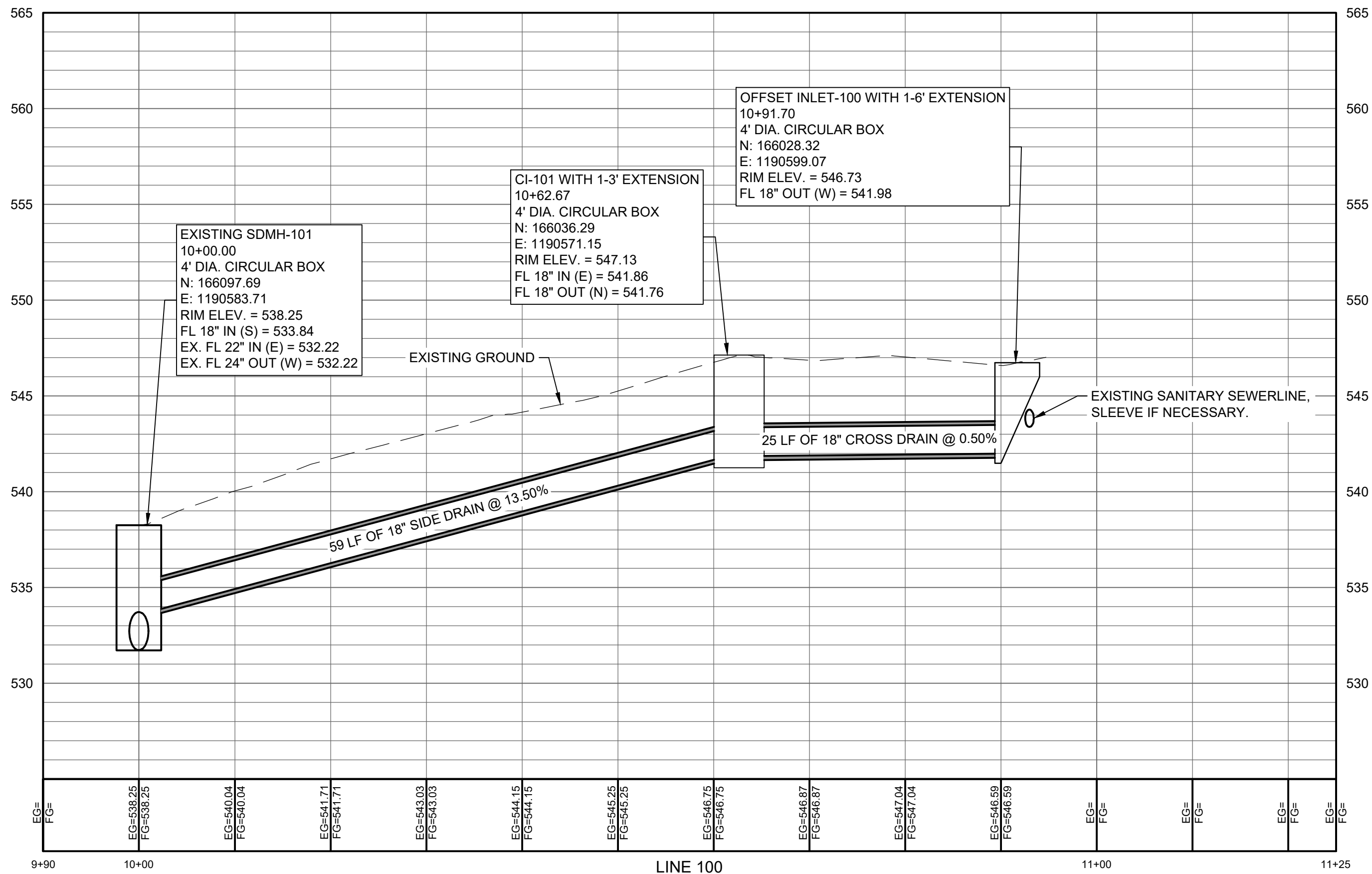
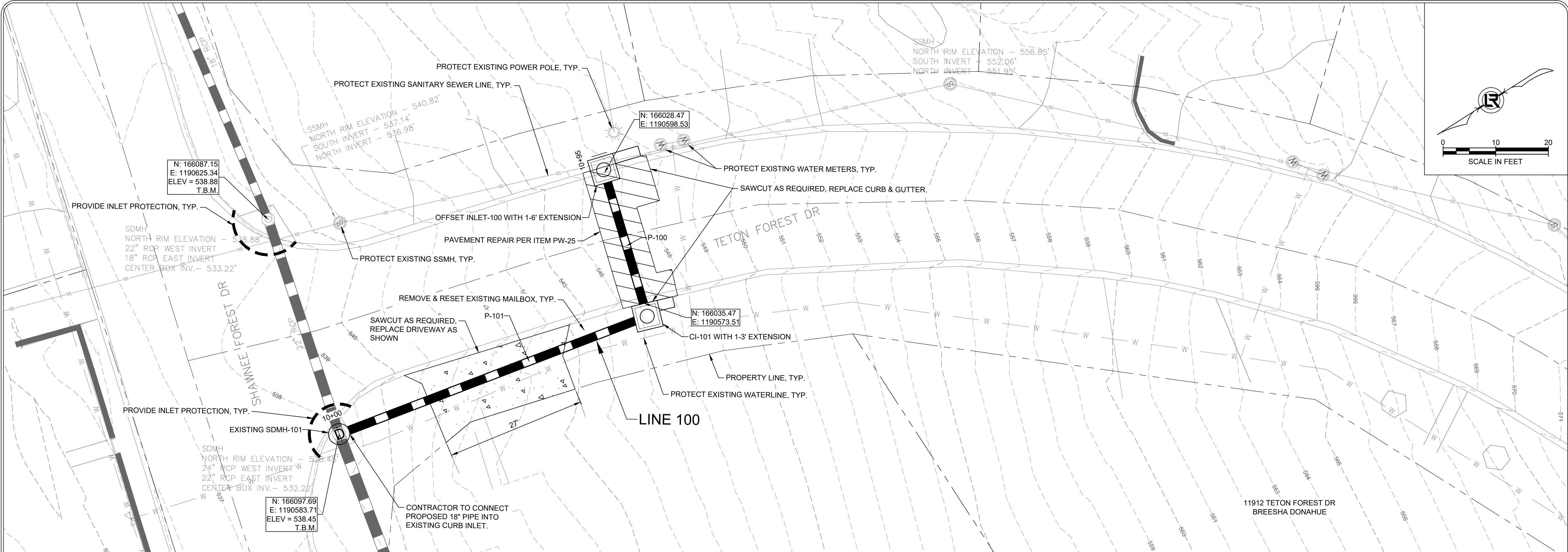
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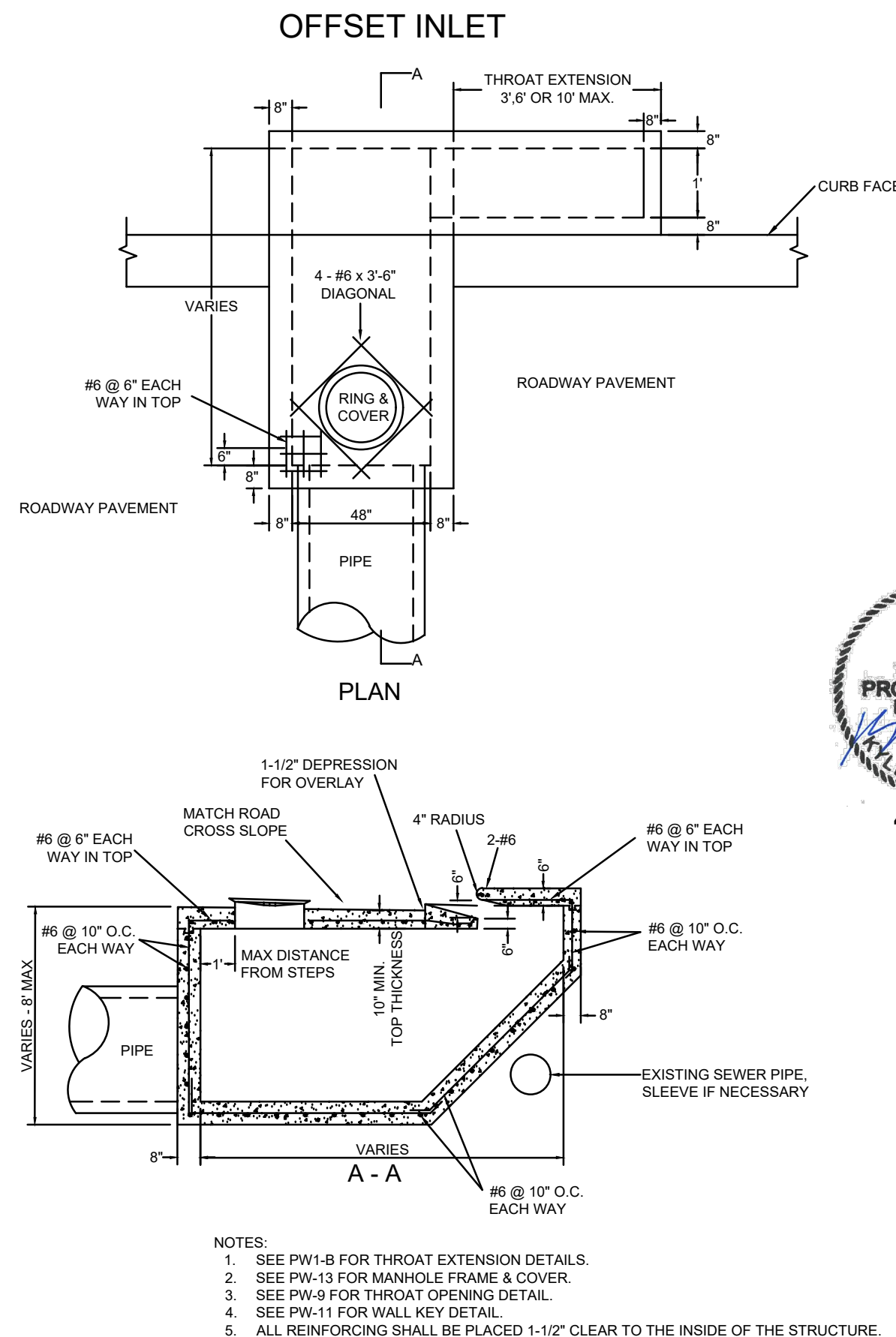
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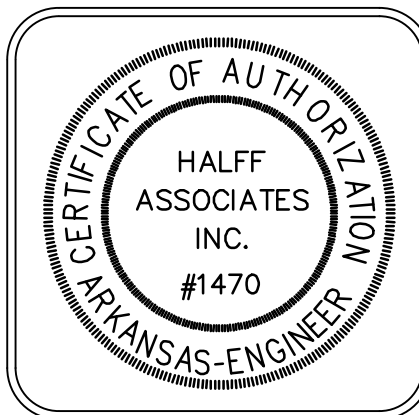
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HORIZONTAL: 1" = 20'



REVISIONS	DATE

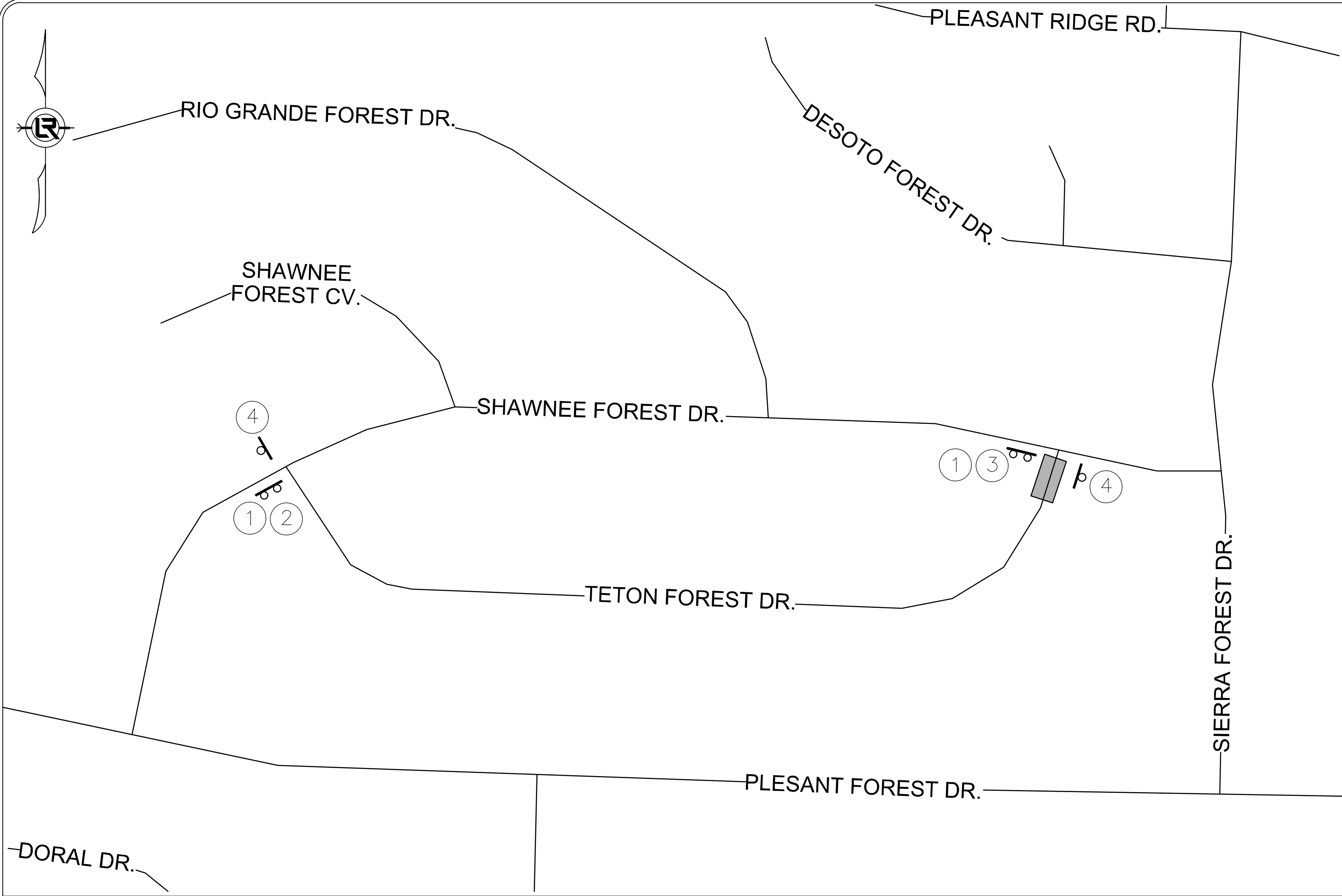
CITY OF LITTLE ROCK, ARKANSAS
SHAWNEE & TETON DRAINAGE IMPROVEMENTS
LINE 100 PLAN AND PROFILE

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



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SHEET NO.
C5

FILE NAME: A:\54000\54616\005\PM\CADD\Sheet\IC-MOT ADV WARNING.dwg DATE: April 21, 2025, TIME: 2:11 PM, USER: ah4757



LEGEND:

- ROAD CLOSURE DURING STAGE 1

1

ROAD CLOSED TO THRU TRAFFIC

R11-4
(60" X 30")
- 2

← DETOUR

M4-10L
(48" X 18")
- 3

DETOUR →

M4-10R
(48" X 18")
- 4

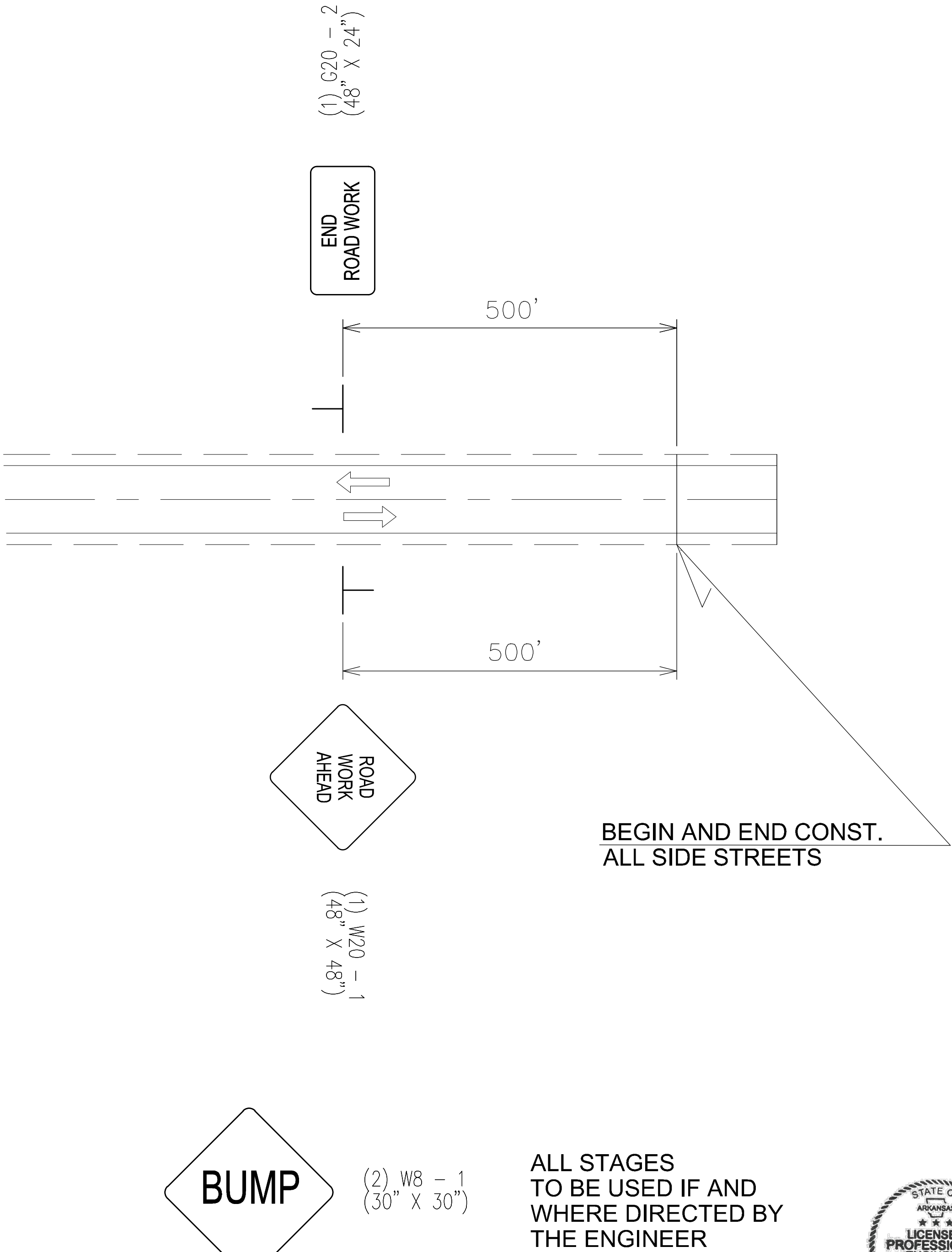
END DETOUR

M4-8A
(24" X 18")

NOTES:

1. TRAFFIC CONTROL PLANS DEPICT THE MINIMUM DEVICES REQUIRED TO MAINTAIN ACCESS CONTROL. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTROL CONSTRUCTION SITE ACCESS AND MAINTAIN SECURITY.
2. CONTRACTOR SHALL PROVIDE ADDITIONAL TRAFFIC CONTROL DEVICES AS NEEDED IN ACCORDANCE WITH THE CITY OF LITTLE ROCK AND MUTCD STANDARDS AS CONSTRUCTION PROGRESS DICTATES.
3. TYPE, SIZE, NUMBER, AND PLACEMENT OF TRAFFIC CONTROL DEVICES SHALL MEET THE REQUIREMENTS OF THE MUTCD, LATEST EDITION.

MOT STAGE 1 DETOUR



MOT ADVANCE WARNING

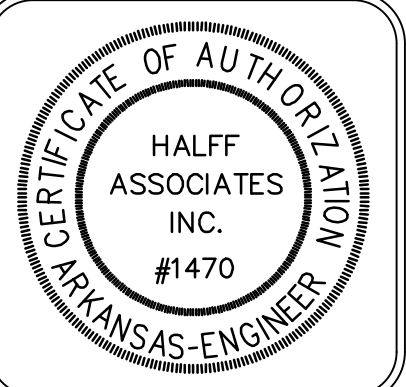


REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
SHAWNEE & TETON DRAINAGE IMPROVEMENTS

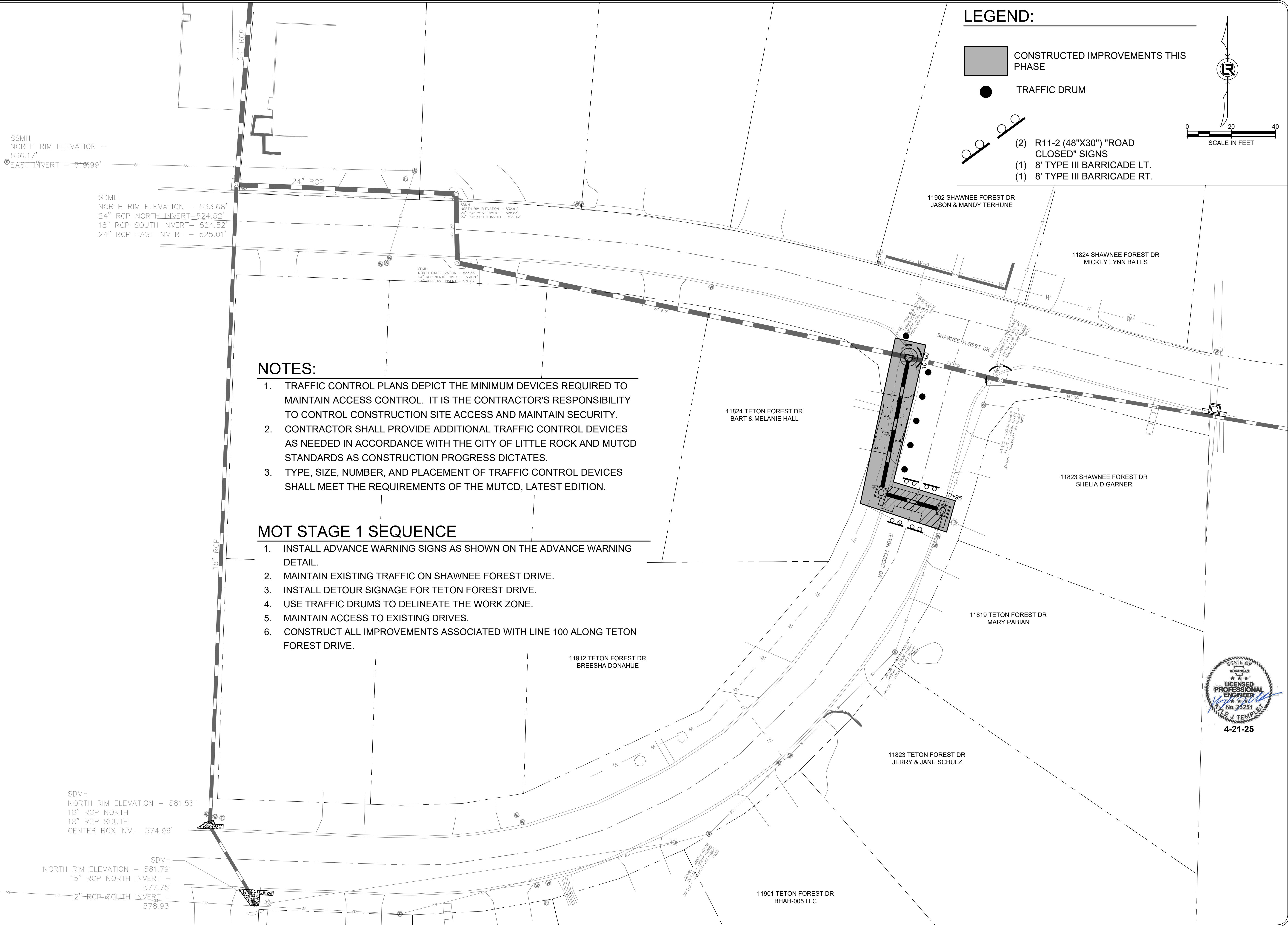
MOT DETOUR & ADVANCE WARNING DETAILS

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



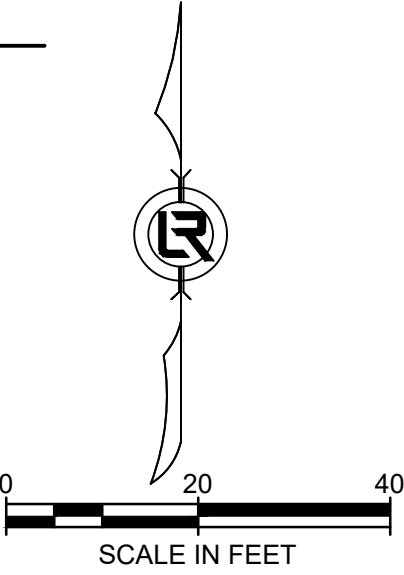
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DATE APRIL 2025
SCALE AS SHOWN
PROJECT NO. 054616.005
SHEET NO. M1

FILE NAME: A:\54000\54616\005\PM\CADD\Sheet\IC-PLAN & PROFILE-054616.005 M2.dwg DATE: April 21, 2025, TIME: 2:12 PM, USER: ah4757



LEGEND:

- CONSTRUCTED IMPROVEMENTS THIS PHASE
- TRAFFIC DRUM
- (2) R11-2 (48"X30") "ROAD CLOSED" SIGNS
- (1) 8' TYPE III BARRICADE LT.
- (1) 8' TYPE III BARRICADE RT.



NOTES:

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- CONTRACTOR SHALL PROVIDE ADDITIONAL TRAFFIC CONTROL DEVICES AS NEEDED IN ACCORDANCE WITH THE CITY OF LITTLE ROCK AND MUTCD STANDARDS AS CONSTRUCTION PROGRESS DICTATES.
- TYPE, SIZE, NUMBER, AND PLACEMENT OF TRAFFIC CONTROL DEVICES SHALL MEET THE REQUIREMENTS OF THE MUTCD, LATEST EDITION.

MOT STAGE 1 SEQUENCE

- INSTALL ADVANCE WARNING SIGNS AS SHOWN ON THE ADVANCE WARNING DETAIL.
- MAINTAIN EXISTING TRAFFIC ON SHAWNEE FOREST DRIVE.
- INSTALL DETOUR SIGNAGE FOR TETON FOREST DRIVE.
- USE TRAFFIC DRUMS TO DELINEATE THE WORK ZONE.
- MAINTAIN ACCESS TO EXISTING DRIVES.
- CONSTRUCT ALL IMPROVEMENTS ASSOCIATED WITH LINE 100 ALONG TETON FOREST DRIVE.



REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
SHAWNEE & TETON DRAINAGE IMPROVEMENTS

MOT STAGE 1

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



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SHEET NO. M2

FILE NAME: A:\54000\54616\005\PM\CADD\Sheet\IC-PLAN & PROFILE-054616.005 M3.dwg DATE: April 21, 2025, TIME: 2:12 PM, USER: ah4757

SSMH
NORTH RIM ELEVATION -
536.17'
EAST INVERT - 519.99'

SSMH
NORTH RIM ELEVATION - 533.68'
24" RCP NORTH INVERT - 524.52'
18" RCP SOUTH INVERT - 524.52'
24" RCP EAST INVERT - 525.01'

SSMH
NORTH RIM ELEVATION - 533.33'
24" RCP NORTH INVERT - 530.35'
24" RCP EAST INVERT - 530.67'

SSMH
NORTH RIM ELEVATION - 532.91'
24" RCP WEST INVERT - 528.83'
24" RCP SOUTH INVERT - 529.42'

SSMH
NORTH RIM ELEVATION - 581.56'
18" RCP NORTH
18" RCP SOUTH
CENTER BOX INV. - 574.96'

SSMH
NORTH RIM ELEVATION - 581.79'
15" RCP NORTH INVERT -
577.75'
12" RCP SOUTH INVERT -
578.93'

REBUILD CURB INLET TOP
WITH 3' WING EXTENSION
ON EXISTING CURB INLET

REBUILD CURB INLET TOP
WITH 6' WING EXTENSION
ON EXISTING CURB INLET

NOTES:

1. TRAFFIC CONTROL PLANS DEPICT THE MINIMUM DEVICES REQUIRED TO MAINTAIN ACCESS CONTROL. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTROL CONSTRUCTION SITE ACCESS AND MAINTAIN SECURITY.
2. CONTRACTOR SHALL PROVIDE ADDITIONAL TRAFFIC CONTROL DEVICES AS NEEDED IN ACCORDANCE WITH THE CITY OF LITTLE ROCK AND MUTCD STANDARDS AS CONSTRUCTION PROGRESS DICTATES.
3. TYPE, SIZE, NUMBER, AND PLACEMENT OF TRAFFIC CONTROL DEVICES SHALL MEET THE REQUIREMENTS OF THE MUTCD, LATEST EDITION.

MOT STAGE 2 SEQUENCE

1. REMOVE DETOUR SIGNAGE AND RE-OPEN SHAWNEE FOREST DRIVE TO TRAFFIC.
2. USE TRAFFIC DRUMS TO DELINEATE THE WORK ZONE.
3. MAINTAIN ACCESS TO EXISTING DRIVES.
4. CONSTRUCT REMAINING IMPROVEMENTS ALONG SHAWNEE FOREST DRIVE AND TETON FOREST DRIVE UNDER TRAFFIC.

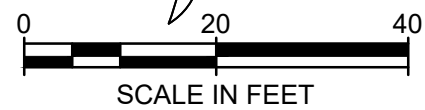
LEGEND:



CONSTRUCTED IMPROVEMENTS
THIS PHASE



TRAFFIC DRUM



SCALE IN FEET



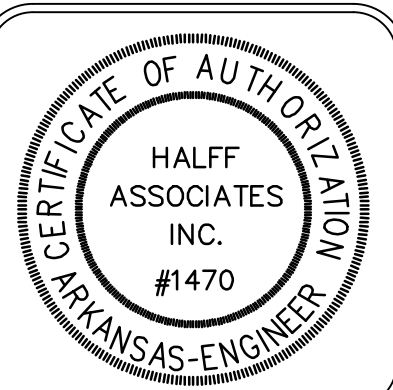
4-21-25

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
SHAWNEE & TETON DRAINAGE IMPROVEMENTS

MOT STAGE 2

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



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M3