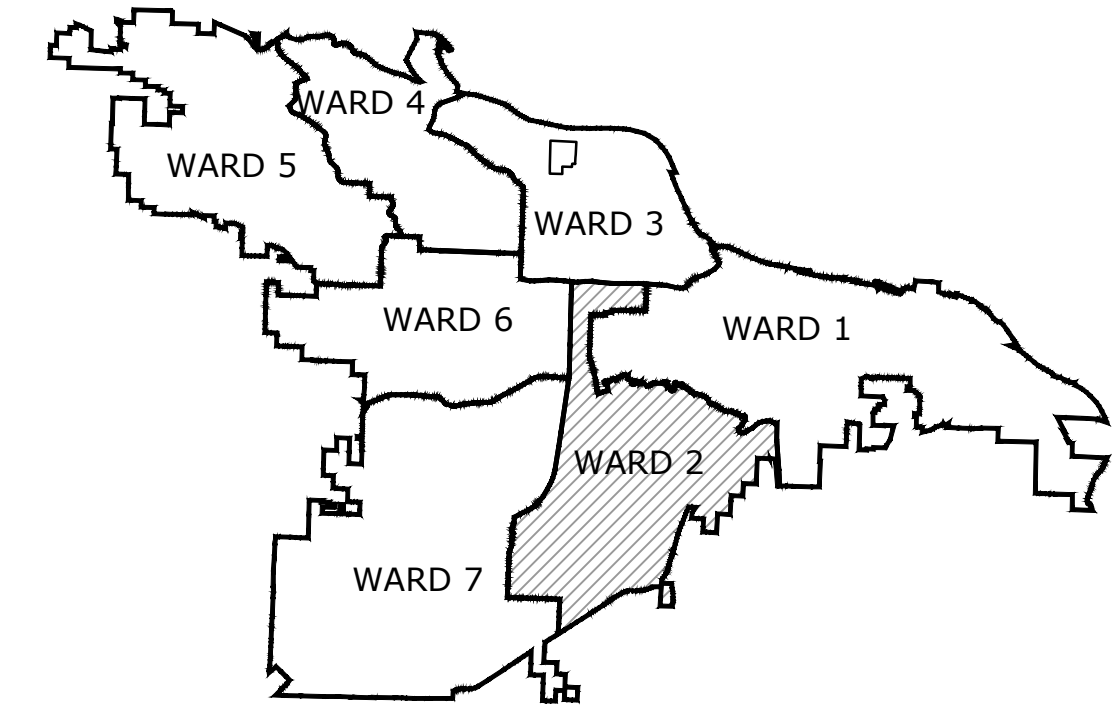
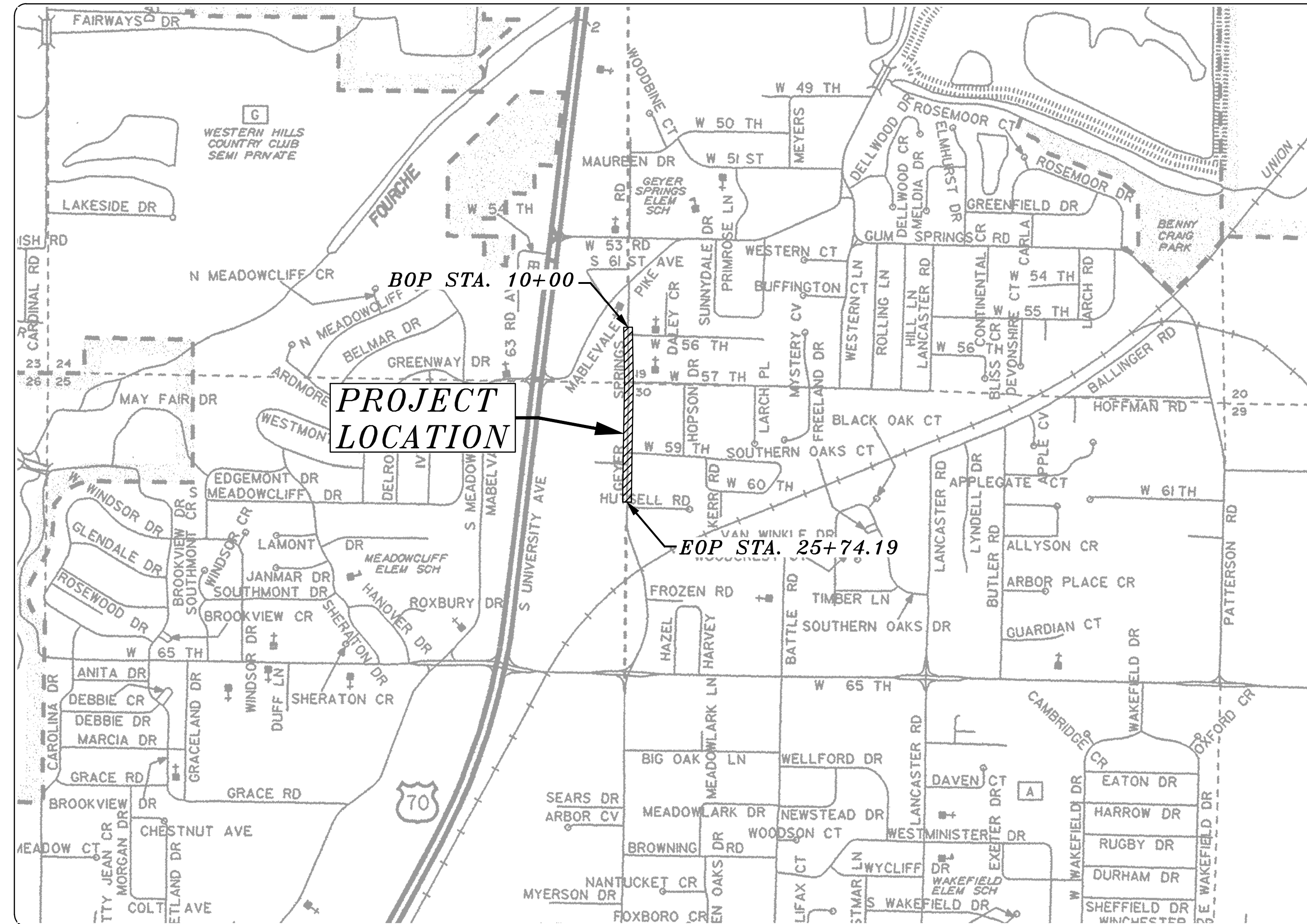


JOB #2-17-ST-90 GEYER SPRINGS ROAD RECONSTRUCTION 56TH ST. - HUTSELL RD. LITTLE ROCK, ARKANSAS



PROJECT LOCATION - WARD 2



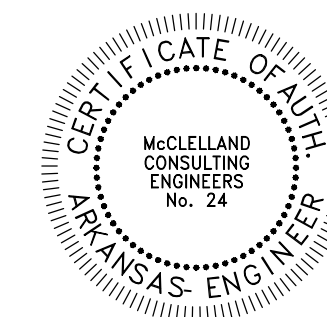
100% SUBMITTAL 2/13/2019

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

SHEET NO.	TITLE
C1	COVER SHEET
C2	LEGEND AND QUANTITIES
C3	TYPICAL SECTIONS OF IMPROVEMENT
C4	TOPOGRAPHIC SURVEY
C5	TOPOGRAPHIC SURVEY
C6	TOPOGRAPHIC SURVEY
C7	PLAN AND PROFILE STA. 10+00 TO STA. 15+50
C8	PLAN AND PROFILE STA. 15+50 TO STA. 21+00
C9	PLAN AND PROFILE STA. 21+00 TO STA. 25+74.19
C10	EROSION CONTROL PLAN
C11	EROSION CONTROL PLAN
C12	MAINTENANCE OF TRAFFIC DETOUR PLAN
C13	MAINTENANCE OF TRAFFIC STAGE 1B
C14	MAINTENANCE OF TRAFFIC STAGE 1B
C15	MAINTENANCE OF TRAFFIC STAGE 2A
C16	MAINTENANCE OF TRAFFIC STAGE 2A
C17	MAINTENANCE OF TRAFFIC STAGE 2B
C18	MAINTENANCE OF TRAFFIC STAGE 2B
C19	STRIPING PLAN
C20	STRIPING PLAN
C21	SPECIAL DETAILS
C22	SPECIAL DETAILS
C23	SPECIAL DETAILS
C24	CROSS SECTIONS STA. 11+50 TO STA. 16+19.96
C25	CROSS SECTIONS STA. 16+50 TO STA. 22+00
C26	CROSS SECTIONS STA. 22+50 TO STA. 25+74.19



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ENGINEERS, INC.
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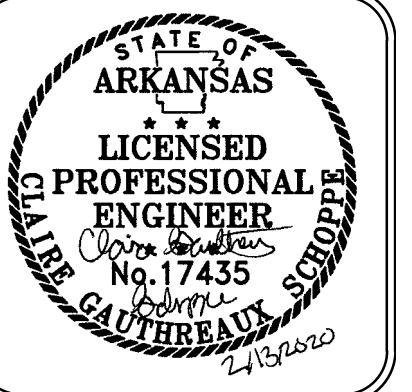
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7302 Kanis Rd. Little Rock, AR 72204 PH# 501-371-0272
4606 S. Garnett Rd. Ste. 401 Tulsa, OK 74146 PH# 918-619-6803

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

REVISIONS DATE

CITY OF LITTLE ROCK, ARKANSAS
GEYER SPRINGS ROAD RECONSTRUCTION
COVER SHEET

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



ORIGINAL SIGNATURE ON FILE

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PROJECT NO.
2-17-ST-90
SHEET NO.
C1



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ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY
2.01	SITE PREPARATION	LS	1
3.01	UNCLASSIFIED EXCAVATION	CY	894
SP & 3.08	COMPACTED EMBANKMENT	CY	1955
4.01	AGGREGATE BASE COURSE	TON	1615
5.01	TACK COAT	GAL	700
6.01	ACHM SURFACE COURSE	TON	768
6.20	ACHM BINDER COURSE	TON	280
7.06	CONCRETE DRIVEWAY (6" THICK), STANDARD FINISH	SF	10917
7.18	CONCRETE DRIVEWAY (8" THICK), STANDARD FINISH	SF	903
8.01	CONCRETE CURB AND GUTTER (CLASS 1)	LF	3150
9.04	CONCRETE SIDEWALK (4" THICK)	SF	15340
9.30	CONCRETE SIDEWALK "TURN DOWN" WALL (PW-43)	SF	411
10.01	JUNCTION BOX - 10'x4' BOX	EA	1
10.04	CURB INLET - 4' BOX	EA	11
10.07	WING 3' EXTENSION	EA	9
10.10	WING 6' EXTENSION	EA	2
11.01	REINFORCED PRECAST CONCRETE BOX CULVERT (10'x4')	LF	179
11.04	CONCRETE DITCH PAVING (4")	SF	1162
11.06	REINFORCED CONCRETE HEADWALL	CY	6
11.05	36" FLARED END SECTION	EA	2
11.20	REINFORCED CONCRETE RETAINING WALL	CY	51
13.12C	STORM DRAIN PIPE, 12" (SIDE DRAIN)	LF	84
13.18C	STORM DRAIN PIPE, 18" (CROSS DRAIN)	LF	144
13.18C	STORM DRAIN PIPE, 18" (SIDE DRAIN)	LF	920
13.18C	STORM DRAIN PIPE, 36" (SIDE DRAIN)	LF	22
14.02	SOLID SODDING, SPECIAL	SY	3500
16.01	MAINTENANCE OF TRAFFIC	LS	1
18.40	HANDRAILING	LF	242
18.45	RIP RAP	CY	125
18.50	ACCESS RAMP (TYPE 3)	SF	40
19.01	FINAL CLEANUP	LS	1
22.10	MAILBOX RELOCATION	EA	2
24.02	CHECK DAM (CD)	EA	2
24.12	SILT FENCE - TYPE B (SFB)	LF	3150
26.10	TRENCH & EXCAVATION SAFETY	LS	1
27.10	COLD MILLING ASPHALT PAVEMENT	SY	2000
719.04W	THERMOPLASTIC PAVEMENT MARKING WHITE (4")	LF	790
719.04Y	THERMOPLASTIC PAVEMENT MARKING YELLOW (4")	LF	3150
719.12W	THERMOPLASTIC PAVEMENT MARKING WHITE (12")	LF	32

LEGEND

EXISTING


- IR IRON ROD
- PK PK NAIL
- RR(Sp) R.R. SPIKE
- CM CONC. MONUMENT
- ⊗ WV WATER VALVE
- WM WATER METER
- ∇ FH FIRE HYDRANT
- ⊗ GM GAS METER
- ⊗ GV GAS VALVE
- CO CLEAN-OUT
- GP GUARD POST (BOLLARD)
- SIGN POST
- BENCHMARK
- D STORM SEWER MANHOLE
- S SANITARY SEWER MANHOLE
- T TELEPHONE MANHOLE
- E 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
- X—X—X OVERHEAD ELECTRIC
- OE—OE—OE OVERHEAD TELEPHONE
- OT—OT—OT OVERHEAD CABLE
- OC—OC—OC UNDERGROUND TELEPHONE
- UGT UNDERGROUND ELECTRIC
- UGE UNDERGROUND TELEPHONE
- UGC UNDERGROUND CABLE
- 8"W WATER LINE
- 8"SS SEWER LINE
- 4"G GAS LINE
- 24" CMP/RCP/DIP STORM SEWER/CULVERT
- EDGE OF WOODS
- CONTOUR LINE

PROPOSED

- 25.00 PROPOSED CONTOUR
- 25.00 PROPOSED SPOT ELEVATION
- 25.50 25.00 PROPOSED SPOT CURB ELEVATION
- STORM SEWER - PIPE
- STORM SEWER - MITERED END SECTION
- STORM SEWER - GRATE INLET
- D D 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
- HP HIGH POINT
- LP LOW POINT
- C CUT LINE
- F FILL LINE
- SS SANITARY SEWER PIPE
- S SANITARY SEWER MANHOLE
- PROPOSED CURB
- PROPOSED CONCRETE
- PROPOSED ASPHALT
- PROPOSED RIP-RAP
- CO CONSTRUCTION - ENTRANCE/EXIT
- CD CHECK DAM
- DI DIVERSION BERM
- DN DOWNDRAIN STRUCTURE - TEMPORARY
- RD ROCK DAM
- SD1 SEDIMENT BARRIER - SILT FENCE
- SD2 SEDIMENT BARRIER - GRAVEL RING
- SD3 SEDIMENT BARRIER - BLOCK & GRAVEL
- SD4 SEDIMENT BARRIER - BLOCK
- SB1 TEMPORARY SEDIMENT BASIN
- SFA SILT FENCE - TYPE A
- SFB SILT FENCE - TYPE B
- SFC SILT FENCE - TYPE C
- ST STORM DRAIN OUTLET PROTECTION
- SU SURFACE ROUGHENING
- TS1 DISTURBED AREA STABILIZATION - TEMPORARY STABILIZATION
- TS2 DISTURBED AREA STABILIZATION - TEMPORARY GRASSING
- TS3 DISTURBED AREA STABILIZATION - PERMANENT GRASSING
- Mb MATTING/BLANKETS

REVISIONS	DATE

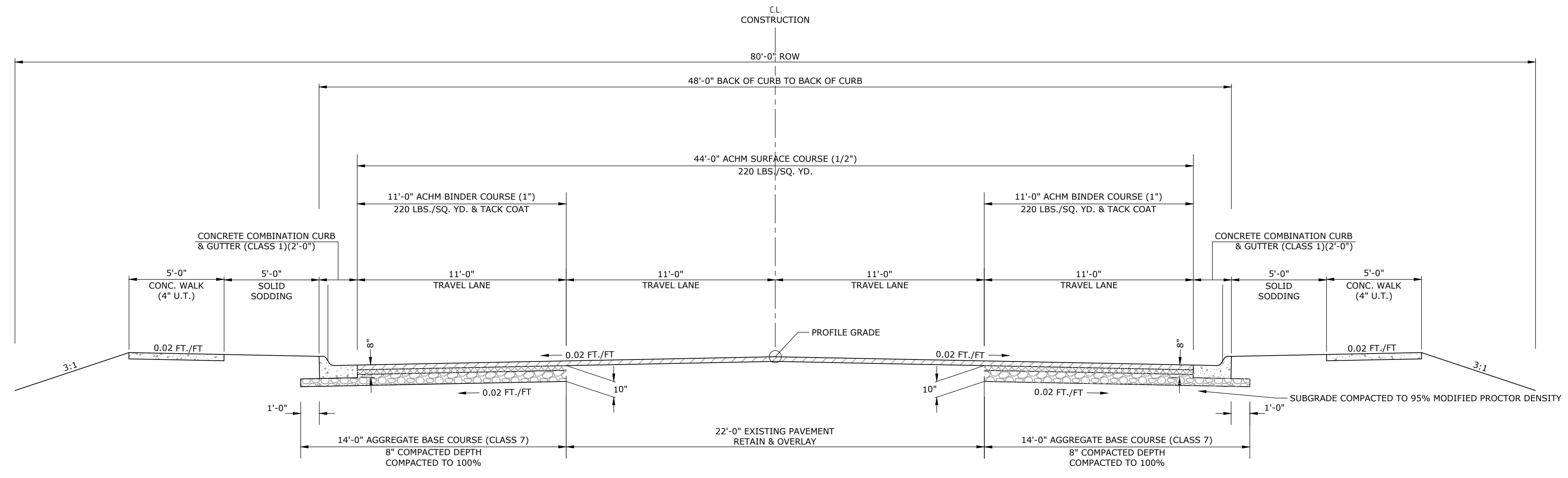
CITY OF LITTLE ROCK, ARKANSAS
GEYER SPRINGS ROAD RECONSTRUCTION
LEGEND AND QUANTITIES


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


 STATE OF ARKANSAS
 LICENSED PROFESSIONAL ENGINEER
 J. Gauthreaux
 No. 17435
 2/13/2020

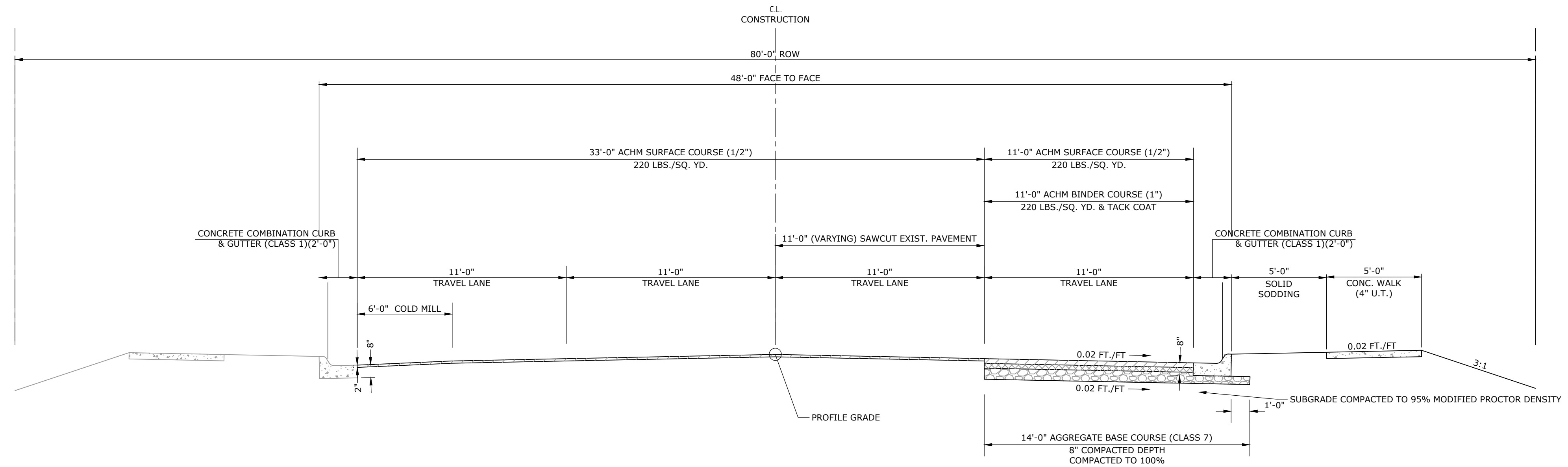
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SCALE NTS
PROJECT NO. 2-17-ST-90
SHEET NO. C2

REVISIONS	DATE



**GEYER SPRINGS ROAD
TYPICAL SECTION**

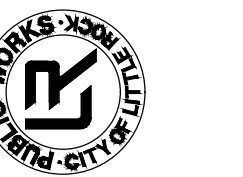
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STA. 17+41.89 - STA. 25+74.19



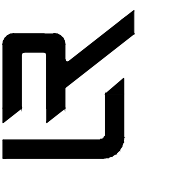
**GEYER SPRINGS ROAD
NOTCH AND WIDEN
TYPICAL SECTION**

N.T.S.
STA. 11+47.41 - STA. 17+41.89

**CITY OF LITTLE ROCK, ARKANSAS
GEYER SPRINGS ROAD RECONSTRUCTION
TYPICAL SECTIONS**



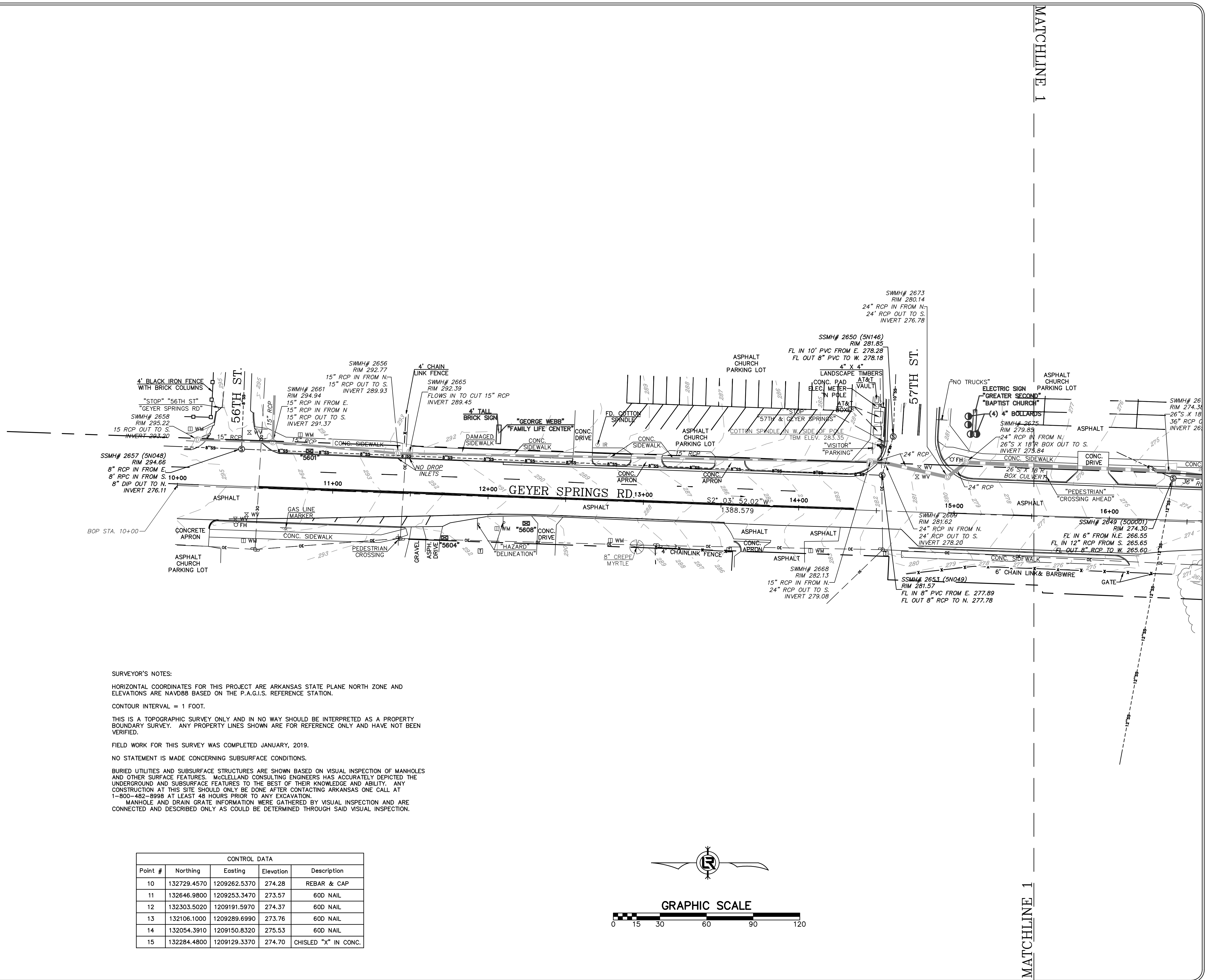
**DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201**



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DATE	2/13/2020
SCALE	NTS
PROJECT NO.	2-17-ST-90
SHEET NO.	C3

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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.

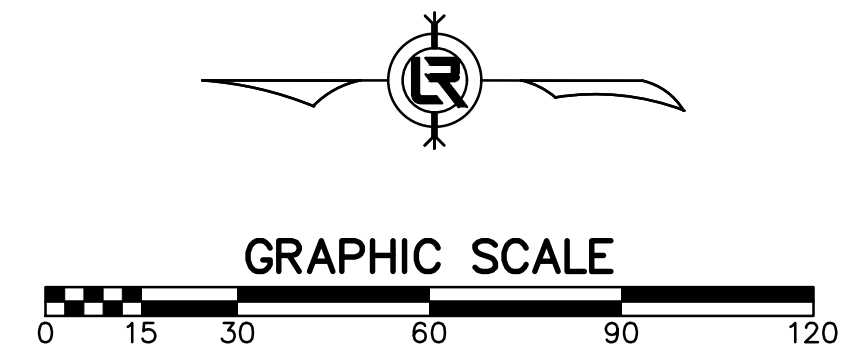
THIS IS A TOPOGRAPHIC SURVEY ONLY AND IN NO WAY SHOULD BE INTERPRETED AS A PROPERTY BOUNDARY SURVEY. ANY PROPERTY LINES SHOWN ARE FOR REFERENCE ONLY AND HAVE NOT BEEN VERIFIED.

FIELD WORK FOR THIS SURVEY WAS COMPLETED JANUARY, 2019.

NO STATEMENT IS MADE CONCERNING SUBSURFACE CONDITIONS.


BURIED UTILITIES AND SUBSURFACE STRUCTURES ARE SHOWN BASED ON VISUAL INSPECTION OF MANHOLES AND OTHER SURFACE FEATURES. MACLELLAND 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.
 MANHOLE AND DRAIN GRATE INFORMATION WERE GATHERED BY VISUAL INSPECTION AND ARE CONNECTED AND DESCRIBED ONLY AS COULD BE DETERMINED THROUGH SAID VISUAL INSPECTION.

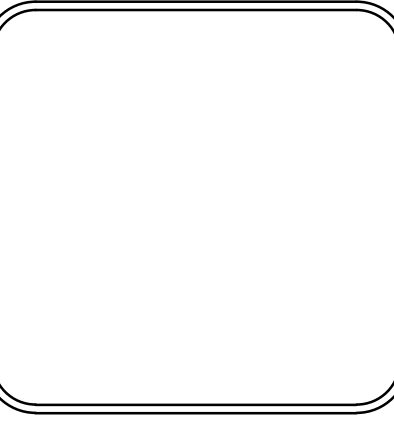
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12	132303.5020	1209191.5970	274.37	60D NAIL
13	132106.1000	1209289.6990	273.76	60D NAIL
14	132054.3910	1209150.8320	275.53	60D NAIL
15	132284.4800	1209129.3370	274.70	CHISLED "X" IN CONC.



REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
GEYER SPRINGS RD. RECONSTRUCTION
 TOPOGRAPHIC SURVEY


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



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DATE 01/25/2019
SCALE 1" = 30'
PROJECT NO. 18-5822
SHEET NO. C4

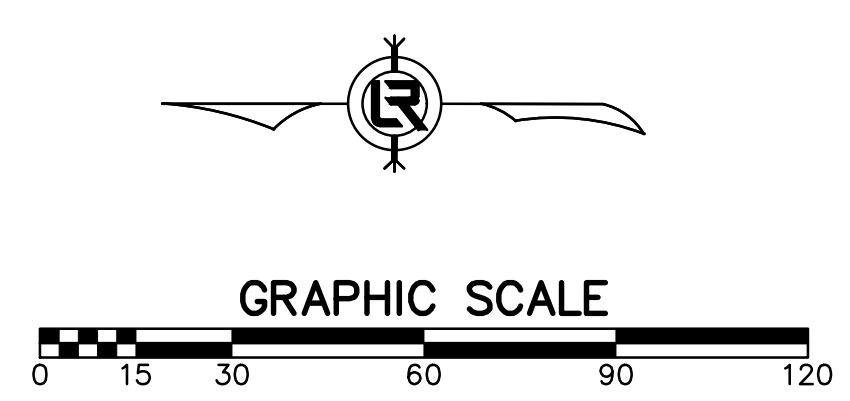
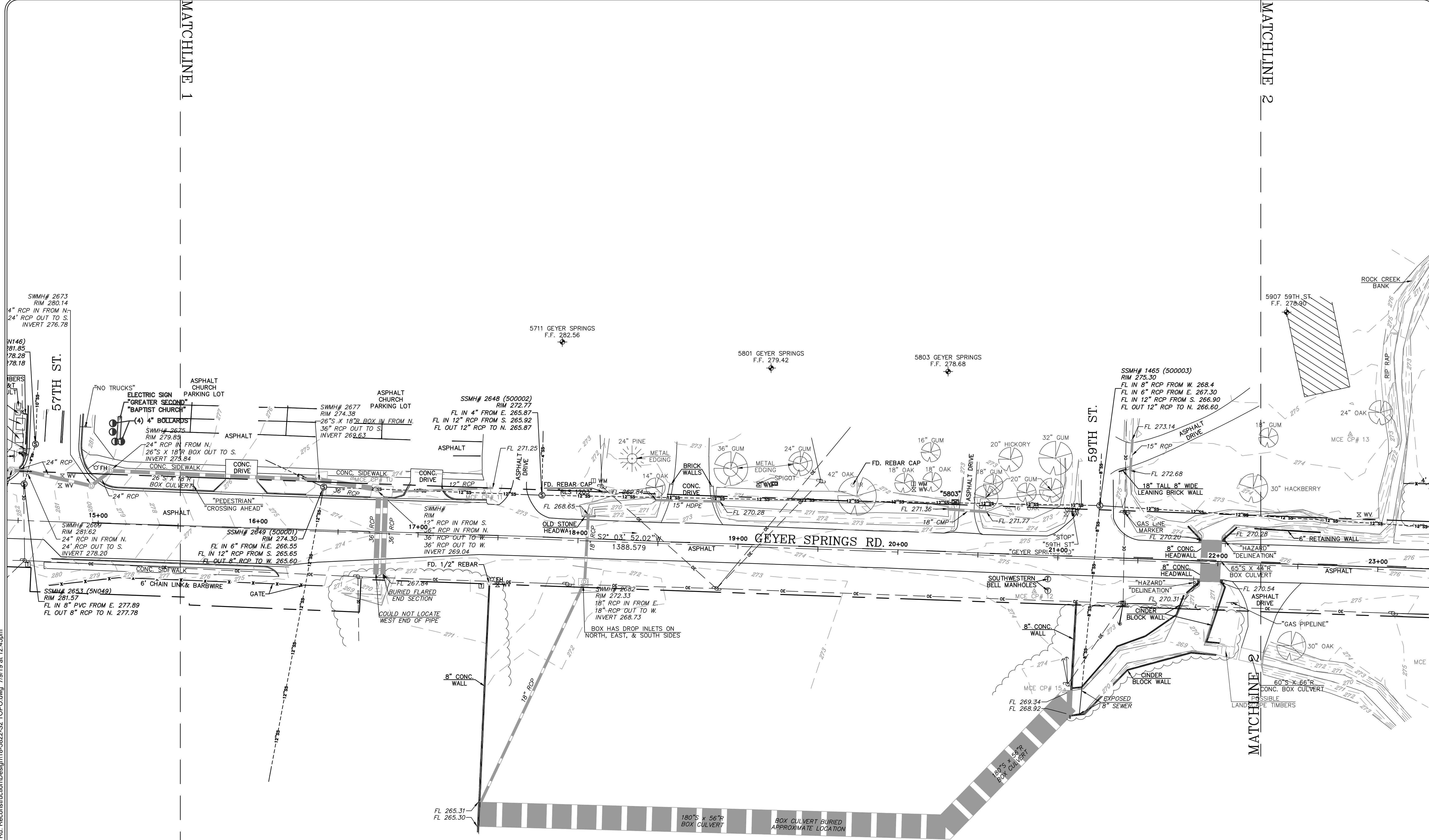
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MATCHLINE 1

MATCHLINE 1

MATCHLINE 2

MATCHLINE 2



REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 GEYER SPRINGS RD. RECONSTRUCTION
 TOPOGRAPHIC SURVEY

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

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 JDM
 DESIGNED
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 CHECKED
 KLS
 DATE
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 SCALE
 1" = 30'
 PROJECT NO.
 18-5822
 SHEET NO.
 C5

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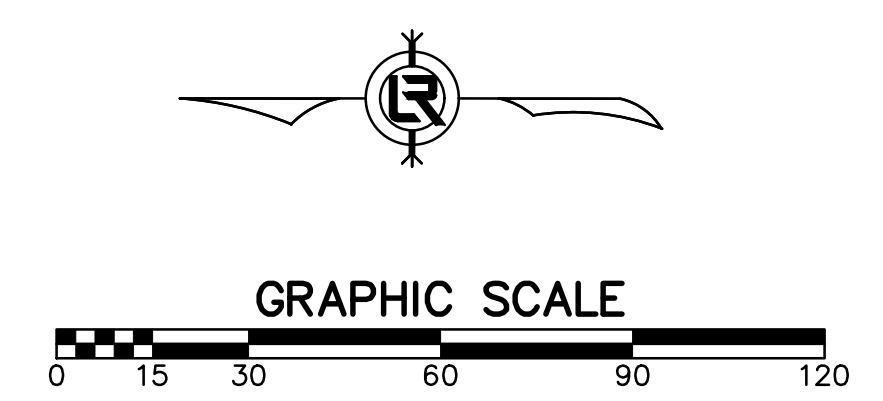
MATCHLINE 2

MATCHLINE 2

59TH ST.

HUTSELL RD.

GEYER SPRINGS RD.



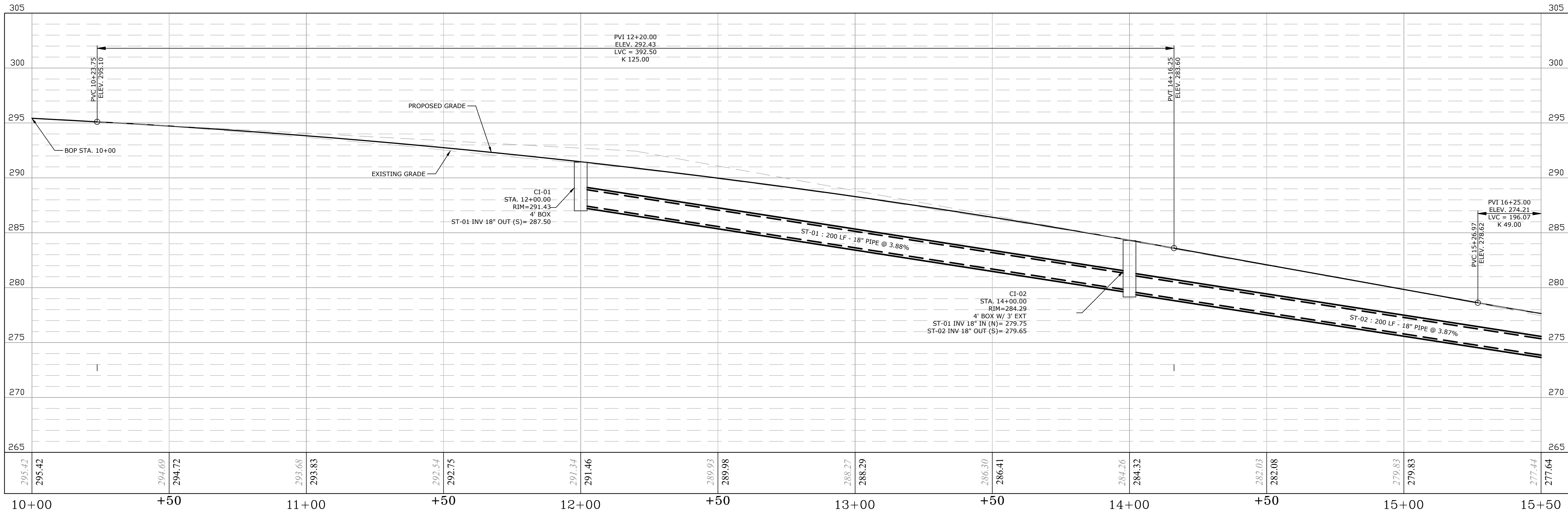
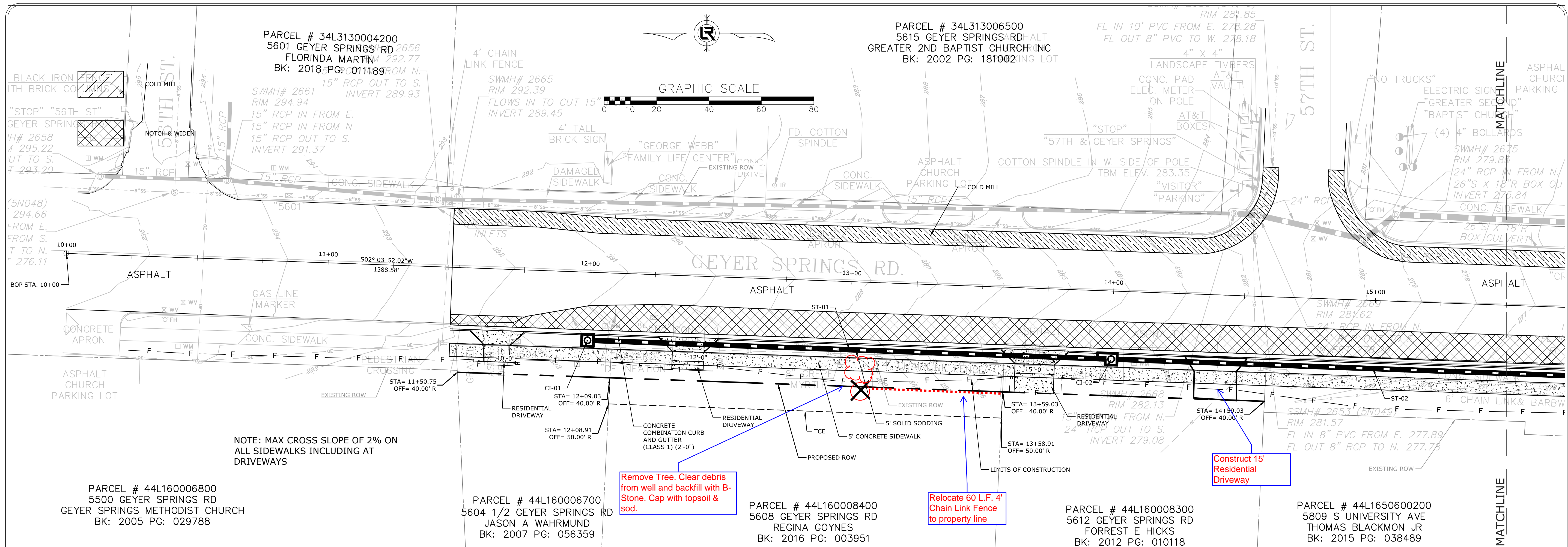
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 GEYER SPRINGS RD. RECONSTRUCTION
 TOPOGRAPHIC SURVEY

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

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CHECKED KLS
DATE 01/25/2019
SCALE 1" = 30'
PROJECT NO. 18-5822
SHEET NO. C6


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REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
GEYER SPRINGS ROAD RECONSTRUCTION

PLAN & PROFILE
STA. 10+00 TO STA. 15+50


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


STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
 No. 17435
 GARY S. GUTHREY

DRAWN BY
RNB

DESIGNED
RNB

CHECKED
MK

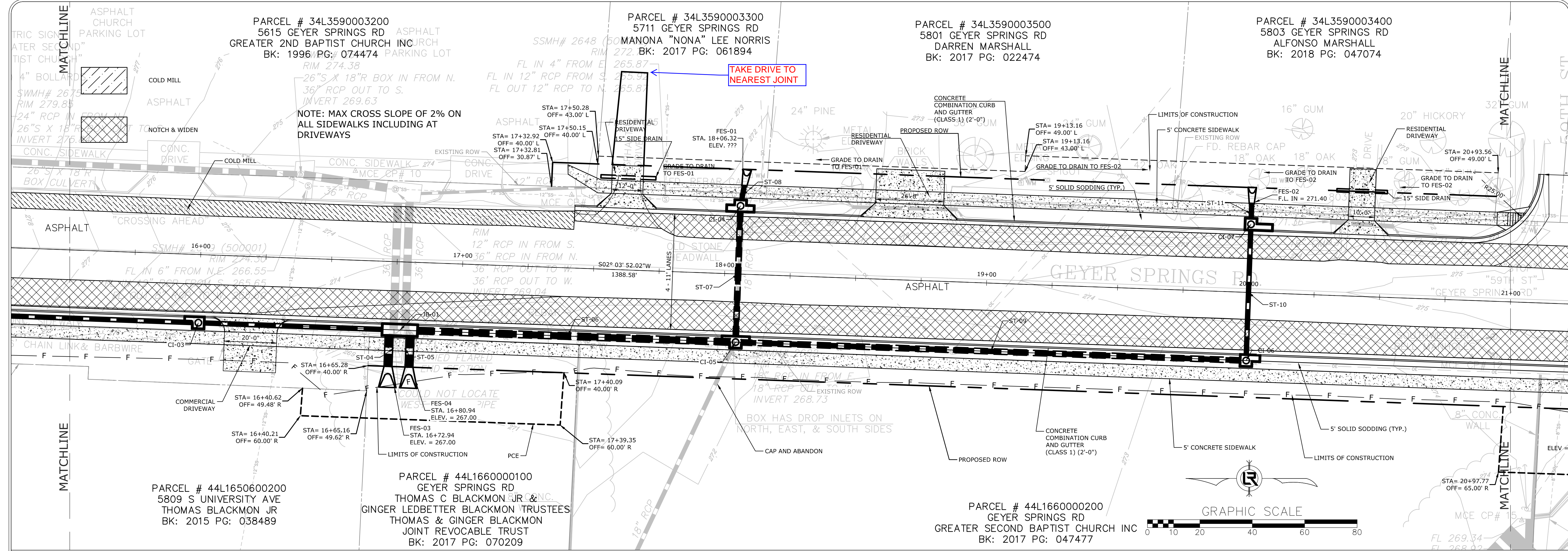
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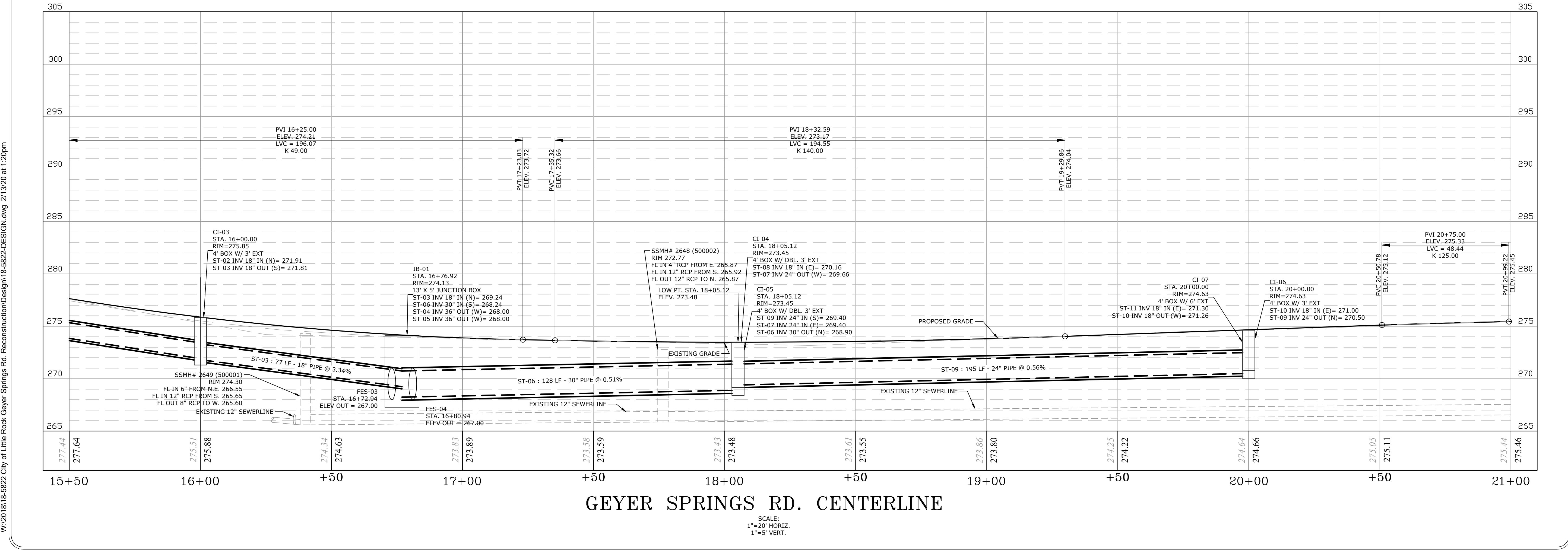
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2-17-ST-90

SHEET NO.
C7

REVISIONS	DATE



CITY OF LITTLE ROCK, ARKANSAS
GEYER SPRINGS ROAD RECONSTRUCTION
PLAN & PROFILE
STA. 15+50 TO STA. 21+00



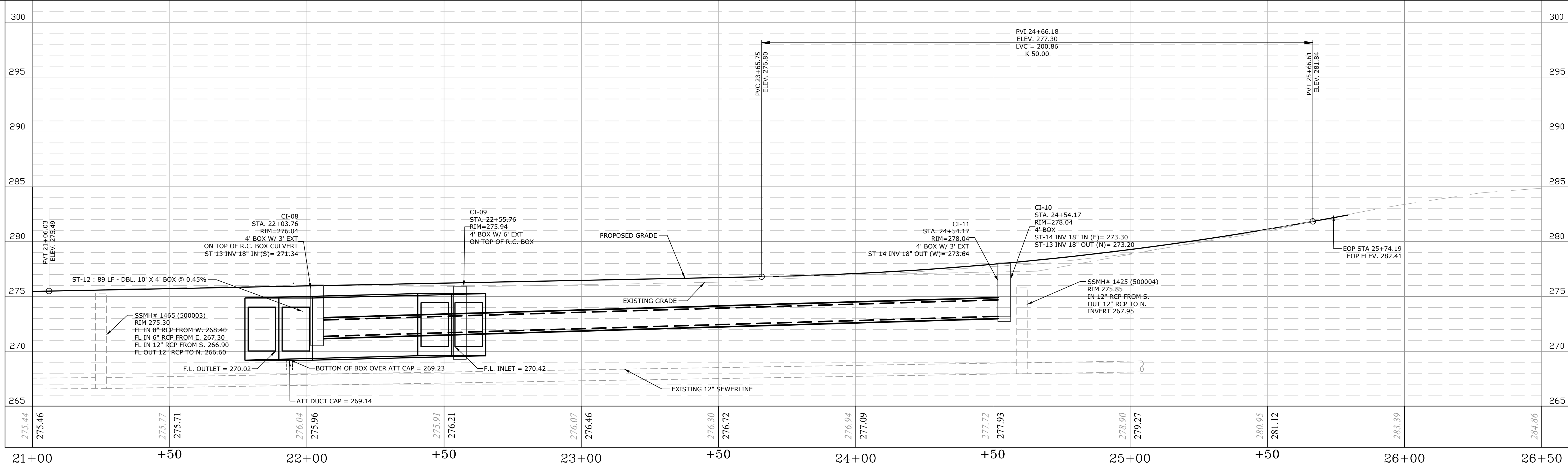
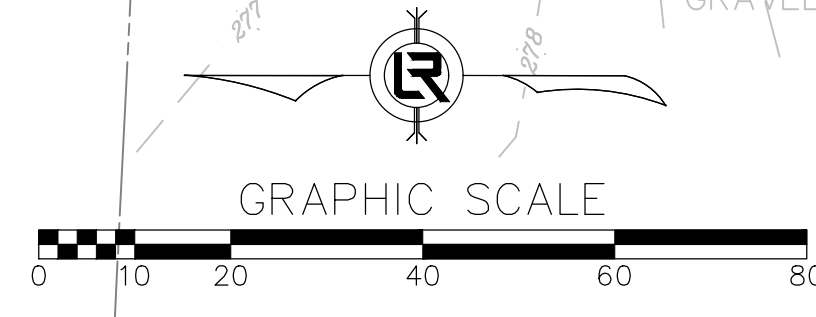
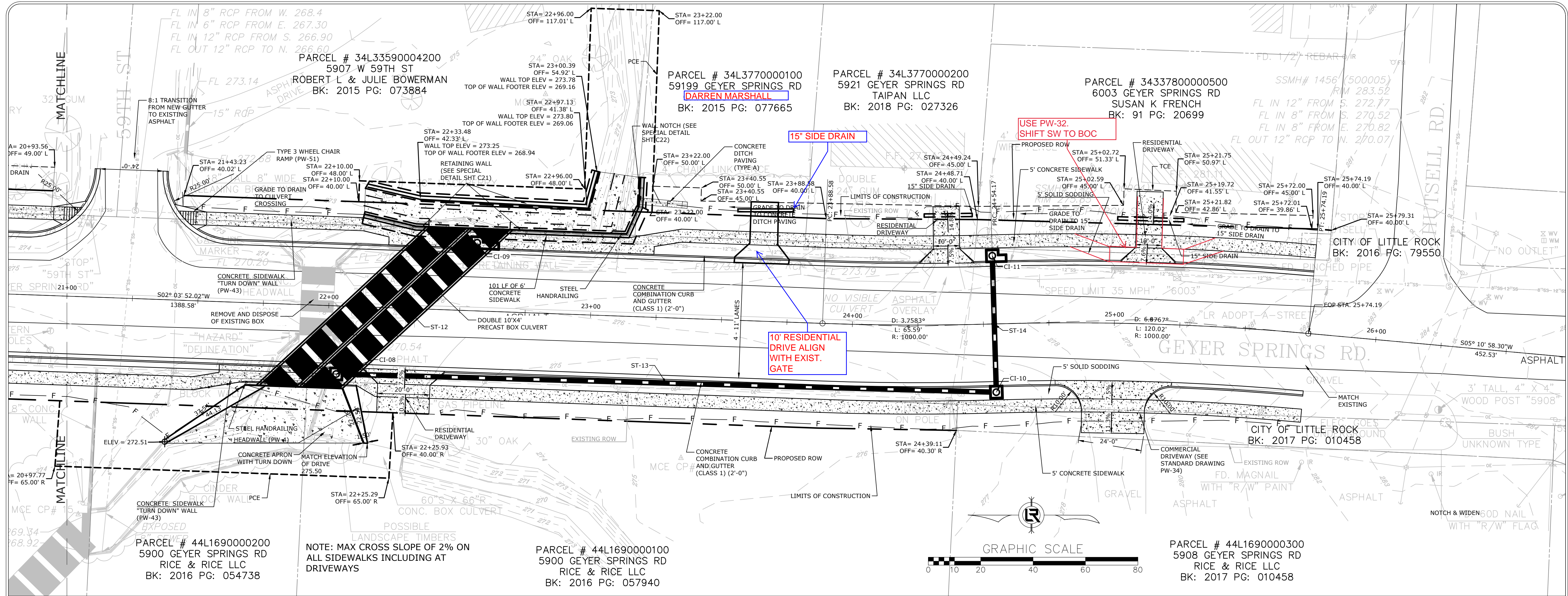
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



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RNB
CHECKED
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DATE
2/13/2020
SCALE
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PROJECT NO.
2-17-ST-90
SHEET NO.
C8

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WA201818-5822 City of Little Rock Geyer Springs Rd. Reconstruction\Design\18-5822-DESIGN.dwg 7/10/20 at 12:41pm



GEYER SPRINGS RD. CENTERLINE

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

REVISIONS	DATE

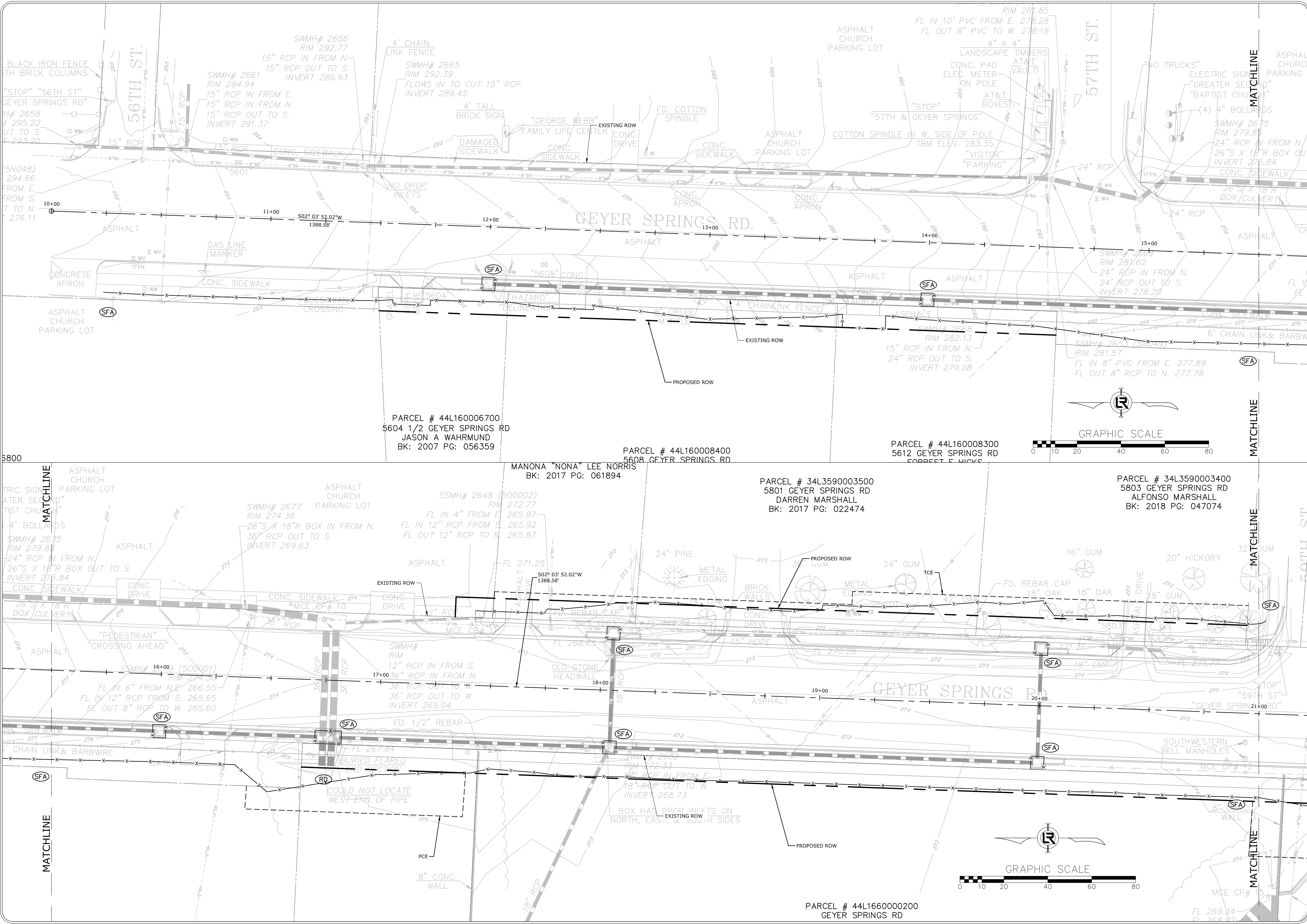
CITY OF LITTLE ROCK, ARKANSAS
GEYER SPRINGS ROAD RECONSTRUCTION
 PLAN & PROFILE
 STA. 21+00 TO STA. 25+74.19

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

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
 No. 17435
 G. G. GUTHREY

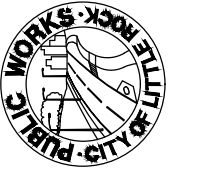
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2-17-ST-90
SHEET NO.
C9

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REVISIONS	DATE

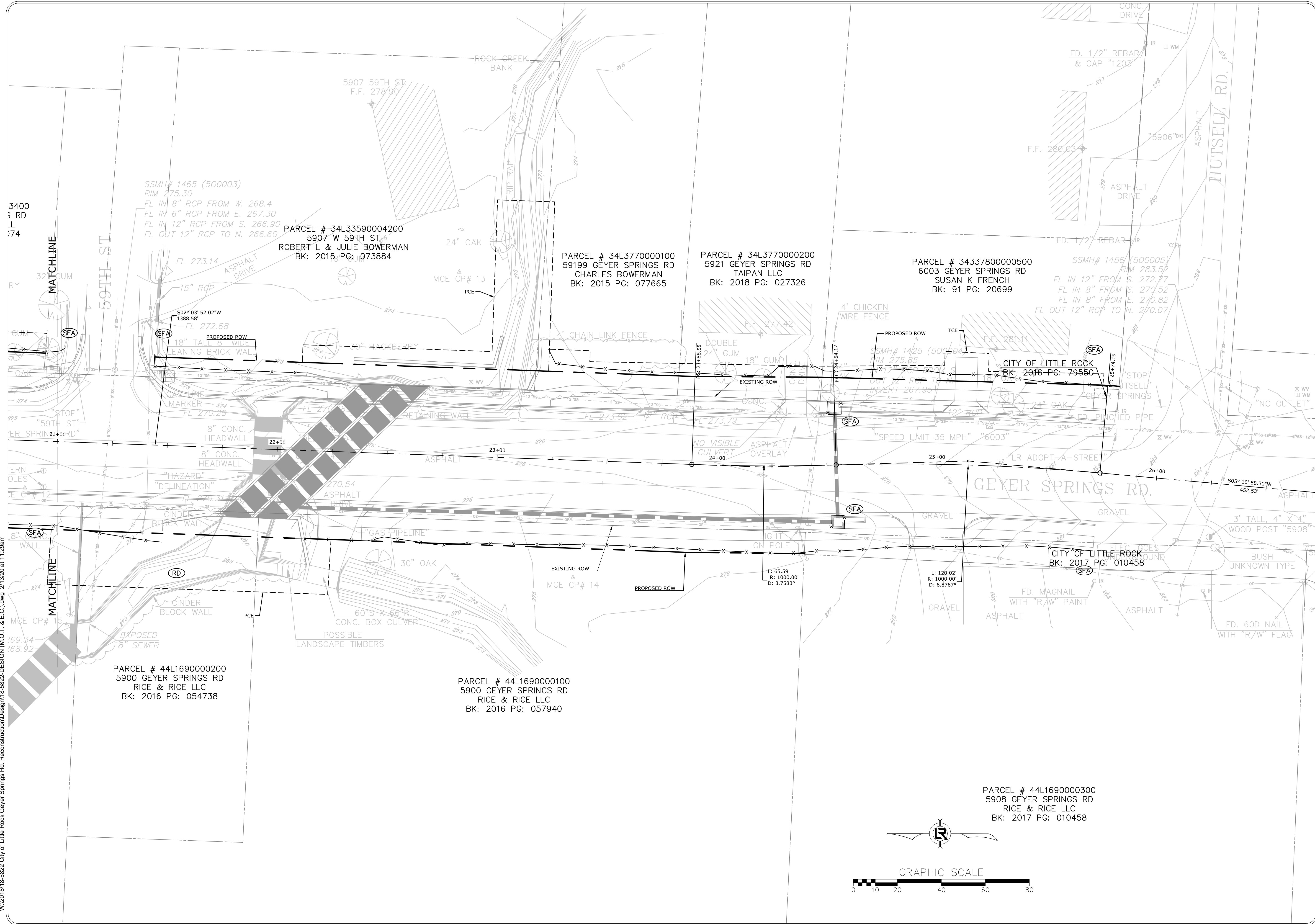
CITY OF LITTLE ROCK, ARKANSAS
GEYER SPRINGS ROAD RECONSTRUCTION
EROSION CONTROL PLAN


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


STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
Jason A. Waehrmund
17435
2/15/2020

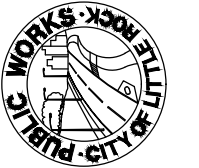
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DATE
10/10/2019
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2-17-ST-90
SHEET NO.
C10

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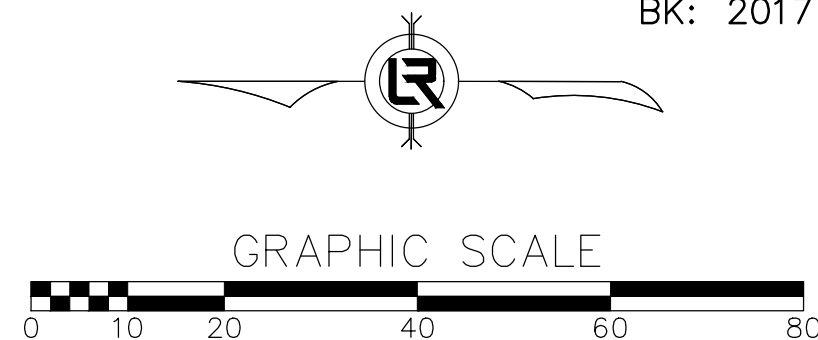
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
GEYER SPRINGS ROAD RECONSTRUCTION
EROSION CONTROL PLAN


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


STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 17435
DAVID G. GUTHREAU
2/13/2020

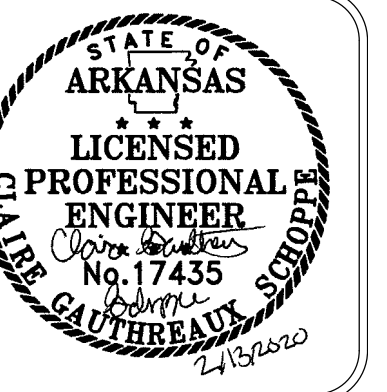
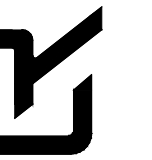
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DATE
2/13/2020
SCALE
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PROJECT NO.
2-17-ST-90
SHEET NO.
C11



PARCEL # 44L1690000300
 5908 GEYER SPRINGS RD
 RICE & RICE LLC
 BK: 2017 PG: 010458

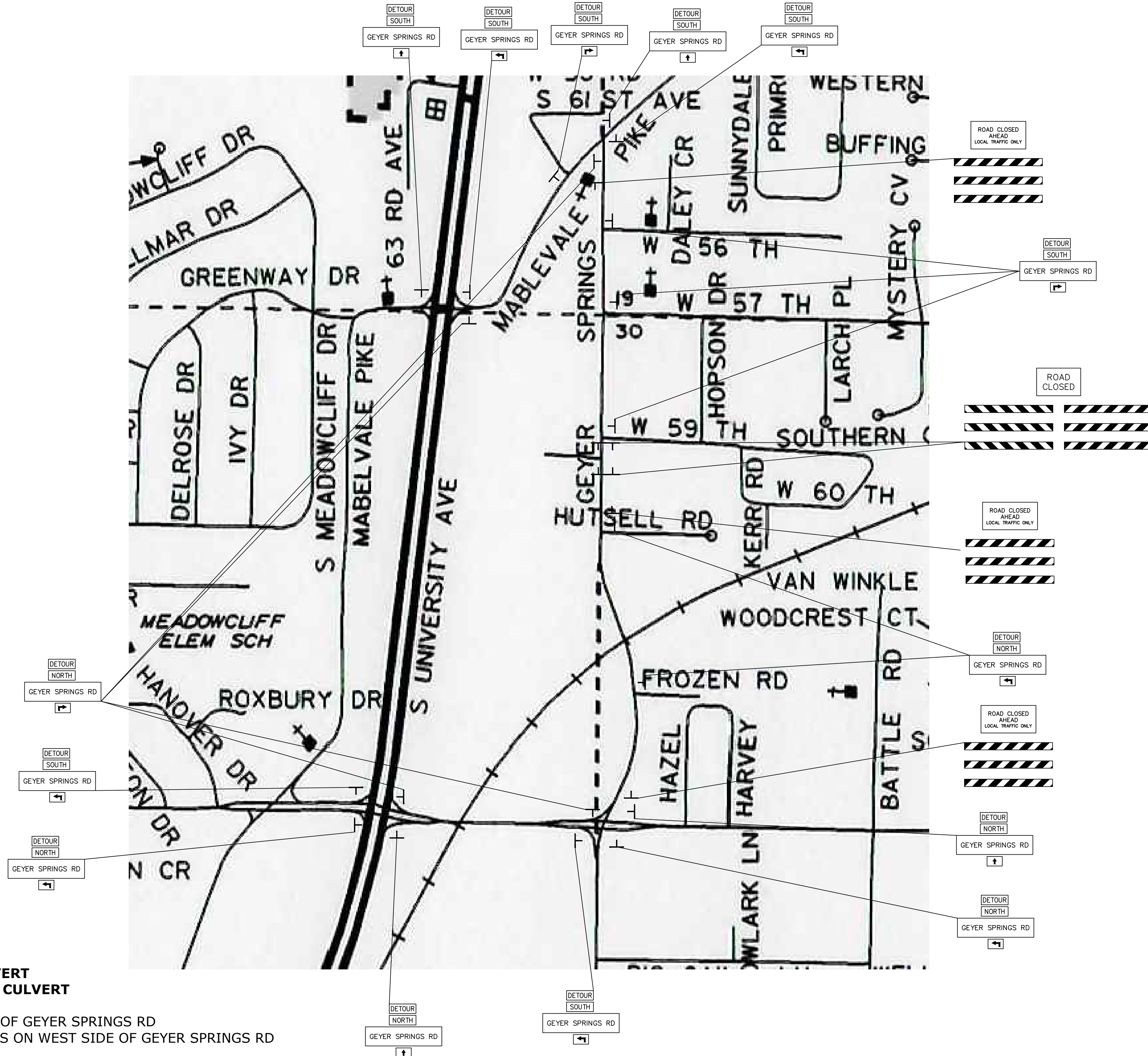


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 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201



DRAWN BY
 RNB
 DESIGNED
 RNB
 CHECKED
 MK
 DATE
 2/13/2020
 SCALE
 NTS
 PROJECT NO.
 2-17-ST-90

SHEET NO.
C12

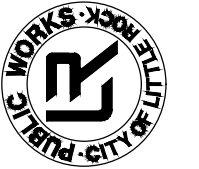


SEQUENCE OF CONSTRUCTION

- STAGE 1A:**
 DIRECT TRAFFIC TO DETOUR
 REMOVE EXISTING BOX CULVERT
 CONSTRUCT DBL. 4'X10' BOX CULVERT
- STAGE 1B:
 NOTCH AND WIDEN WEST SIDE OF GEYER SPRINGS RD
 INSTALL DRAINAGE STRUCTURES ON WEST SIDE OF GEYER SPRINGS RD
- STAGE 2A:
 NOTCH AND WIDEN EAST SIDE OF GEYER SPRINGS RD
 INSTALL DRAINAGE STRUCTURES ON EAST SIDE OF GEYER SPRINGS RD
- STAGE 2B:
 OVERLAY EXISTING LANES OF GEYER SPRINGS RD

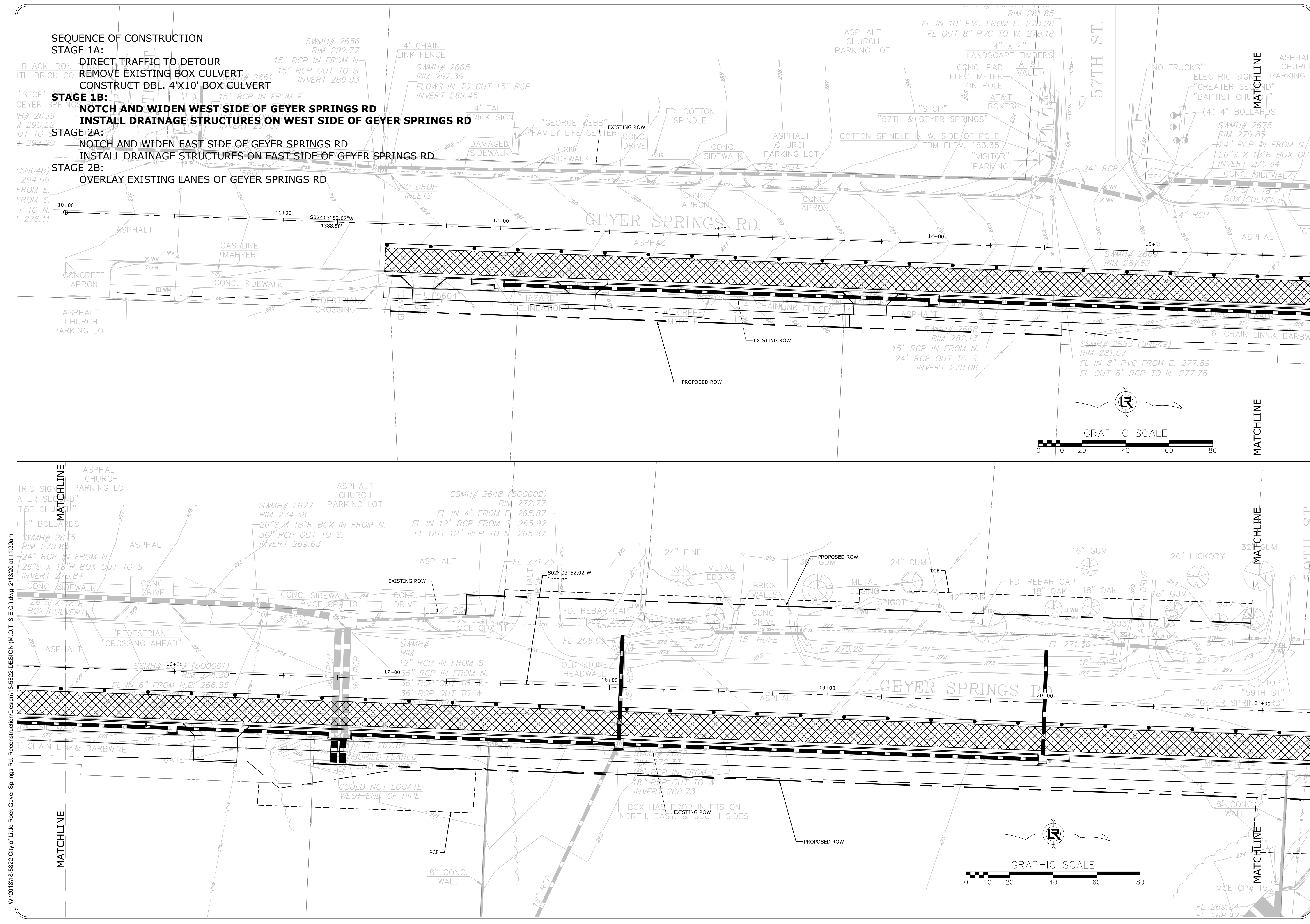
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
GEYER SPRINGS ROAD RECONSTRUCTION
 MAINTENANCE OF TRAFFIC
 STAGE 1B


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


 STATE OF ARKANSAS
 LICENSED PROFESSIONAL ENGINEER
 No. 17435
 R. N. B. GUTHREAU
 2/13/2020


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CHECKED
 MK
DATE
 2/13/2020
SCALE
 1" = 20'
PROJECT NO.
 2-17-ST-90
SHEET NO.
C13



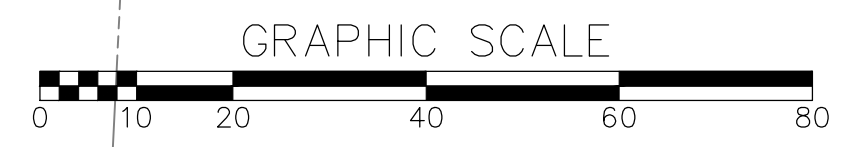
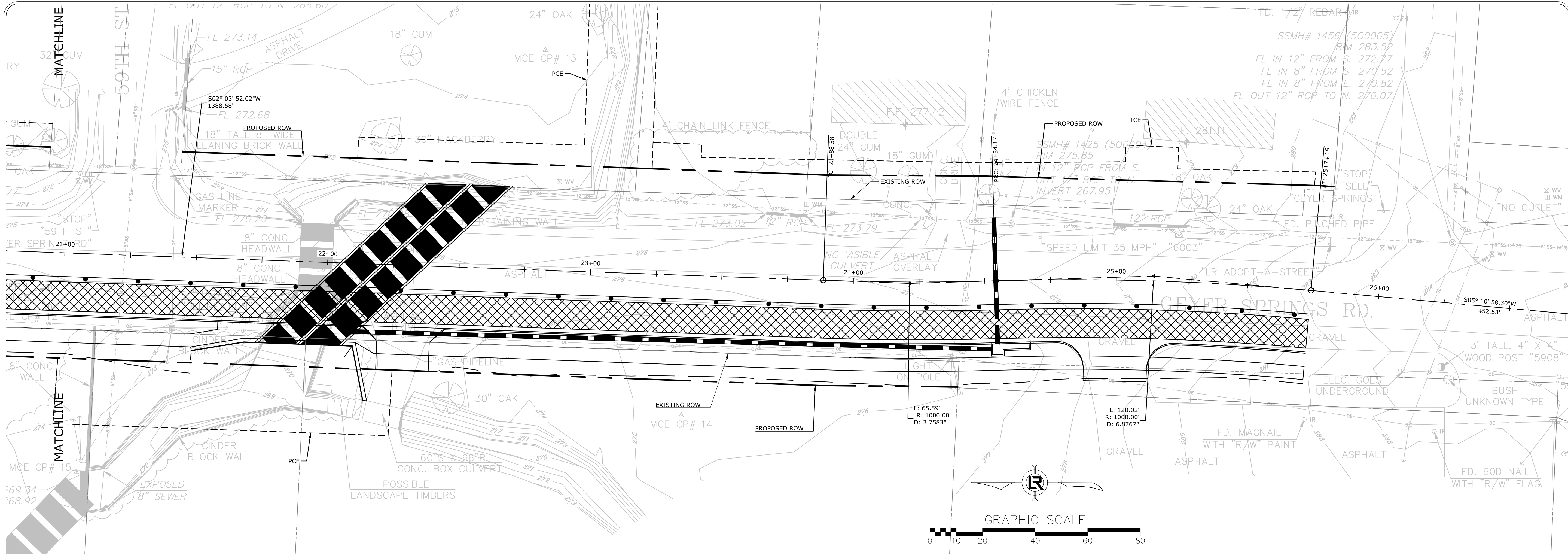
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CITY OF LITTLE ROCK, ARKANSAS
 GEYER SPRINGS ROAD RECONSTRUCTION
 MAINTENANCE OF TRAFFIC
 STAGE 1B

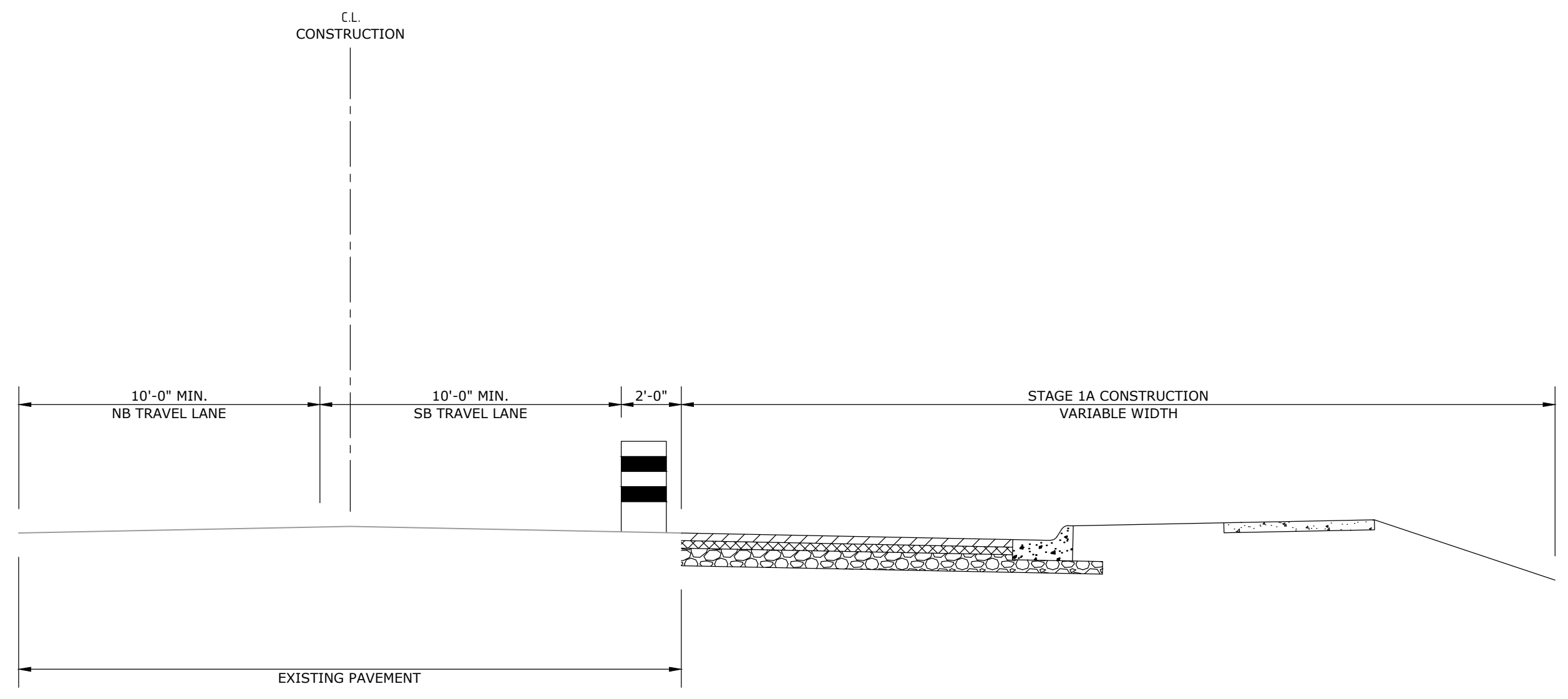
DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201




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 RNB
 CHECKED
 MK
 DATE
 2/13/2020
 SCALE
 1" = 20'
 PROJECT NO.
 2-17-ST-90
 SHEET NO.
C14



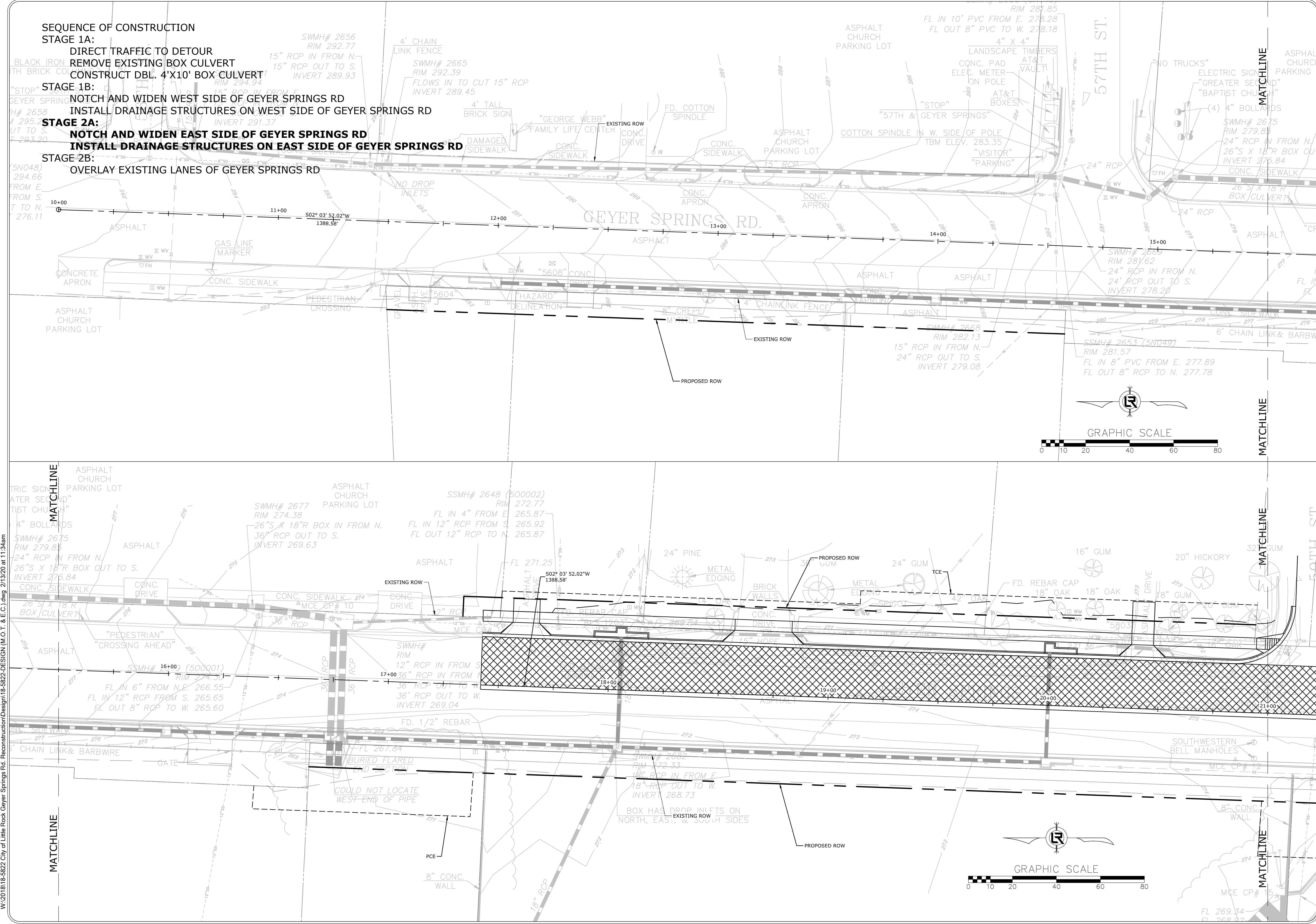
- SEQUENCE OF CONSTRUCTION**
- STAGE 1A:**
 DIRECT TRAFFIC TO DETOUR
 REMOVE EXISTING BOX CULVERT
 CONSTRUCT DBL. 4'X10' BOX CULVERT
- STAGE 1B:**
NOTCH AND WIDEN WEST SIDE OF GEYER SPRINGS RD
INSTALL DRAINAGE STRUCTURES ON WEST SIDE OF GEYER SPRINGS RD
- STAGE 2A:**
 NOTCH AND WIDEN EAST SIDE OF GEYER SPRINGS RD
 INSTALL DRAINAGE STRUCTURES ON EAST SIDE OF GEYER SPRINGS RD
- STAGE 2B:**
 OVERLAY EXISTING LANES OF GEYER SPRINGS RD



MAINTENANCE OF TRAFFIC
 NOTCH AND WIDENING RT. SIDE
 STAGE 1A - TYPICAL SECTION

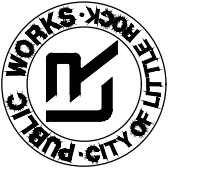
SEQUENCE OF CONSTRUCTION

- STAGE 1A:**
DIRECT TRAFFIC TO DETOUR
REMOVE EXISTING BOX CULVERT
CONSTRUCT DBL. 4'X10' BOX CULVERT
- STAGE 1B:**
NOTCH AND WIDEN WEST SIDE OF GEYER SPRINGS RD
INSTALL DRAINAGE STRUCTURES ON WEST SIDE OF GEYER SPRINGS RD
- STAGE 2A:**
NOTCH AND WIDEN EAST SIDE OF GEYER SPRINGS RD
INSTALL DRAINAGE STRUCTURES ON EAST SIDE OF GEYER SPRINGS RD
- STAGE 2B:**
OVERLAY EXISTING LANES OF GEYER SPRINGS RD



REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
GEYER SPRINGS ROAD RECONSTRUCTION
MAINTENANCE OF TRAFFIC
STAGE 2A


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


CLAYTON GAUTHREAUX
LICENSED PROFESSIONAL ENGINEER
No. 17435
2/13/2020

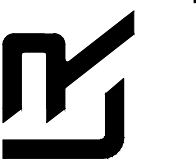
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RNB
CHECKED
MK
DATE
2/13/2020
SCALE
1" = 20'
PROJECT NO.
2-17-ST-90
SHEET NO.
C15

REVISIONS DATE

CITY OF LITTLE ROCK, ARKANSAS
 GEYER SPRINGS ROAD RECONSTRUCTION
 MAINTENANCE OF TRAFFIC
 STAGE 2A



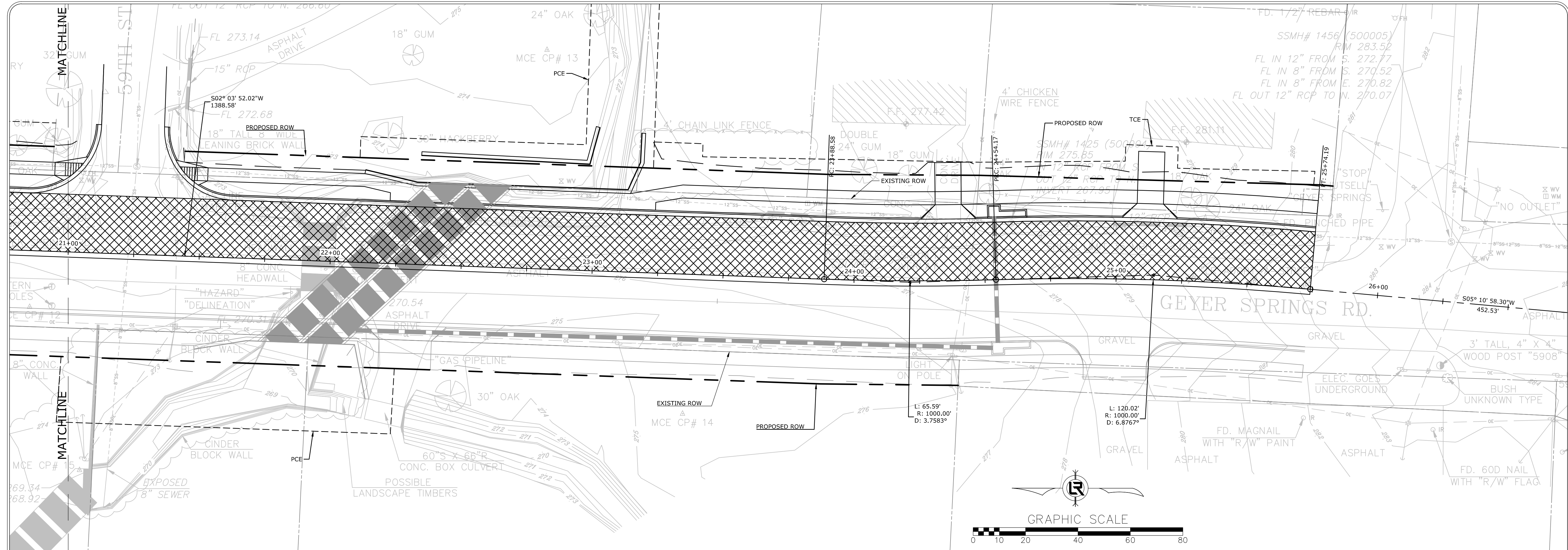
DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201



STATE OF ARKANSAS
 LICENSED PROFESSIONAL ENGINEER
 No. 17435
 GUTHREAU
 2/13/2020

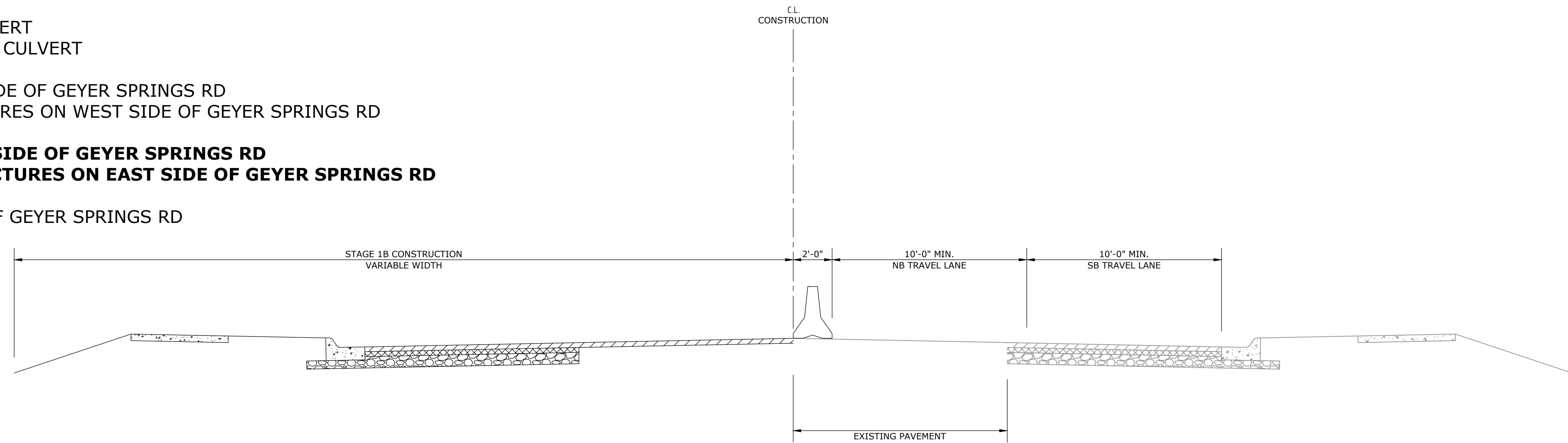
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 RNB
 CHECKED
 MK
 DATE
 2/13/2020
 SCALE
 1" = 20'

PROJECT NO.
 2-17-ST-90
 SHEET NO.
C16



SEQUENCE OF CONSTRUCTION

- STAGE 1A:**
 - DIRECT TRAFFIC TO DETOUR
 - REMOVE EXISTING BOX CULVERT
 - CONSTRUCT DBL. 4'X10' BOX CULVERT
- STAGE 1B:**
 - NOTCH AND WIDEN WEST SIDE OF GEYER SPRINGS RD
 - INSTALL DRAINAGE STRUCTURES ON WEST SIDE OF GEYER SPRINGS RD
- STAGE 2A:**
 - NOTCH AND WIDEN EAST SIDE OF GEYER SPRINGS RD**
 - INSTALL DRAINAGE STRUCTURES ON EAST SIDE OF GEYER SPRINGS RD**
- STAGE 2B:**
 - OVERLAY EXISTING LANES OF GEYER SPRINGS RD

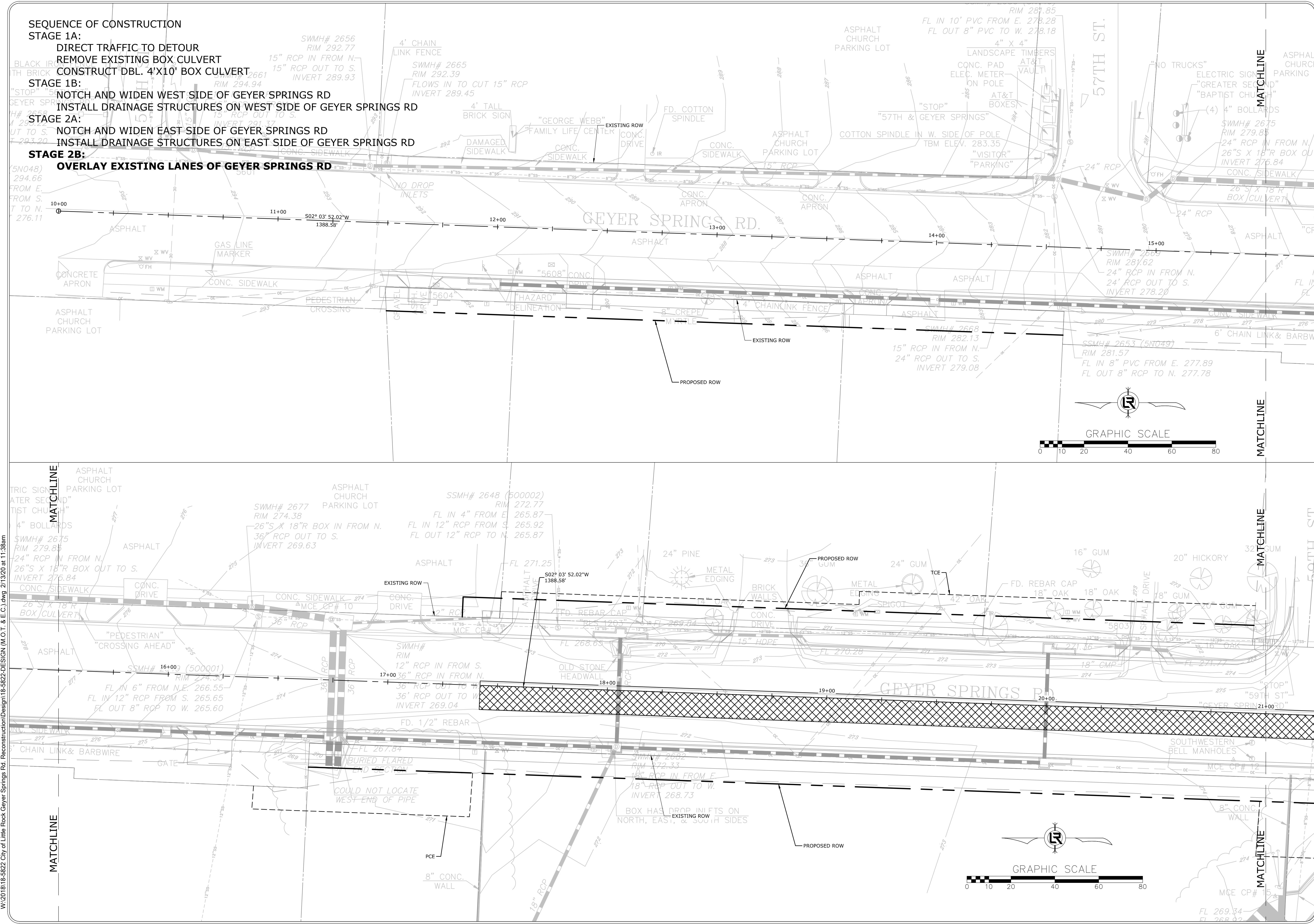


MAINTENANCE OF TRAFFIC
 NOTCH AND WIDENING LT. SIDE
 STAGE 1B - TYPICAL SECTION

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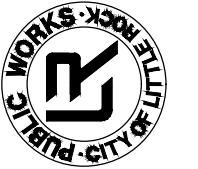
SEQUENCE OF CONSTRUCTION

- STAGE 1A:**
- DIRECT TRAFFIC TO DETOUR
- REMOVE EXISTING BOX CULVERT
- CONSTRUCT DBL. 4'X10' BOX CULVERT
- STAGE 1B:**
- NOTCH AND WIDEN WEST SIDE OF GEYER SPRINGS RD
- INSTALL DRAINAGE STRUCTURES ON WEST SIDE OF GEYER SPRINGS RD
- STAGE 2A:**
- NOTCH AND WIDEN EAST SIDE OF GEYER SPRINGS RD
- INSTALL DRAINAGE STRUCTURES ON EAST SIDE OF GEYER SPRINGS RD
- STAGE 2B:**
- OVERLAY EXISTING LANES OF GEYER SPRINGS RD



REVISIONS	DATE

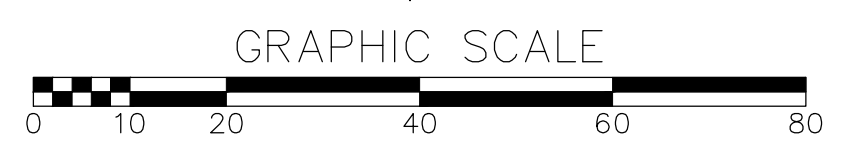
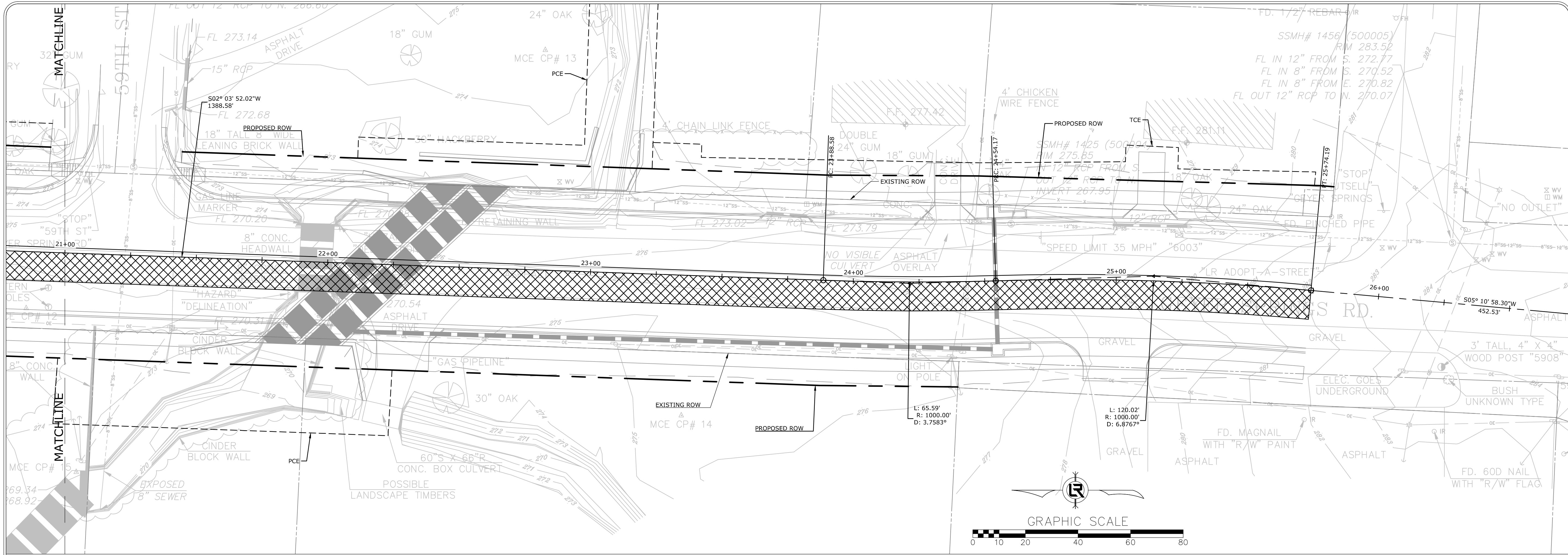
CITY OF LITTLE ROCK, ARKANSAS
GEYER SPRINGS ROAD RECONSTRUCTION
 MAINTENANCE OF TRAFFIC
 STAGE 2B


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


STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
 Markham Gauthreaux
 No. 17435
 2/13/2020

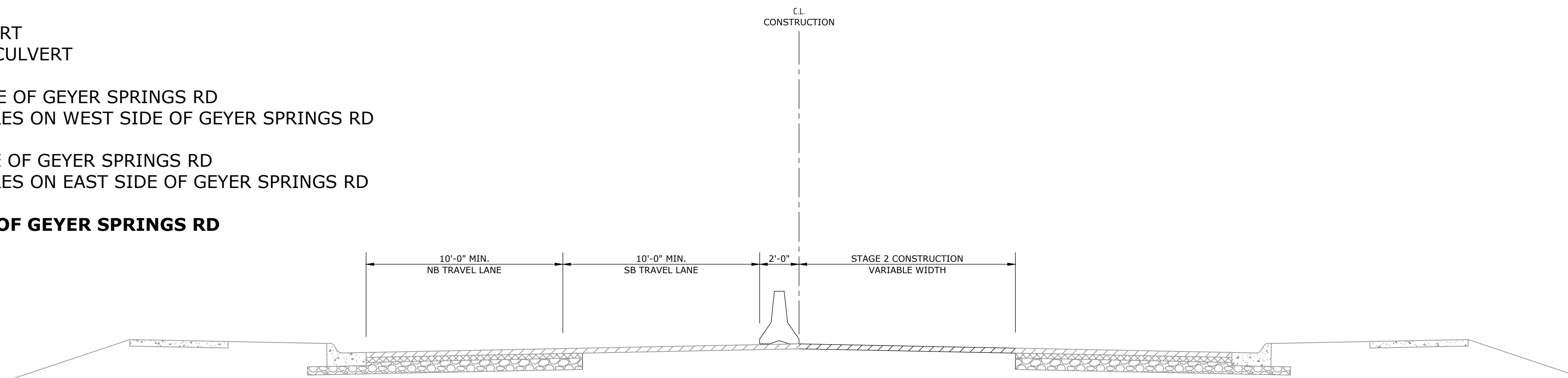
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DESIGNED
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CHECKED
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DATE
 2/13/2020
SCALE
 1" = 20'
PROJECT NO.
 2-17-ST-90
SHEET NO.
C17

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SEQUENCE OF CONSTRUCTION

- STAGE 1A:**
 - DIRECT TRAFFIC TO DETOUR
 - REMOVE EXISTING BOX CULVERT
 - CONSTRUCT DBL. 4'X10' BOX CULVERT
- STAGE 1B:**
 - NOTCH AND WIDEN WEST SIDE OF GEYER SPRINGS RD
 - INSTALL DRAINAGE STRUCTURES ON WEST SIDE OF GEYER SPRINGS RD
- STAGE 2A:**
 - NOTCH AND WIDEN EAST SIDE OF GEYER SPRINGS RD
 - INSTALL DRAINAGE STRUCTURES ON EAST SIDE OF GEYER SPRINGS RD
- STAGE 2B:**
 - OVERLAY EXISTING LANES OF GEYER SPRINGS RD**



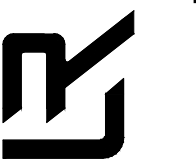
**MAINTENANCE OF TRAFFIC
NOTCH AND WIDENING RT. SIDE
STAGE 2 - TYPICAL SECTION**

REVISIONS DATE

**CITY OF LITTLE ROCK, ARKANSAS
GEYER SPRINGS ROAD RECONSTRUCTION
MAINTENANCE OF TRAFFIC
STAGE 2B**



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



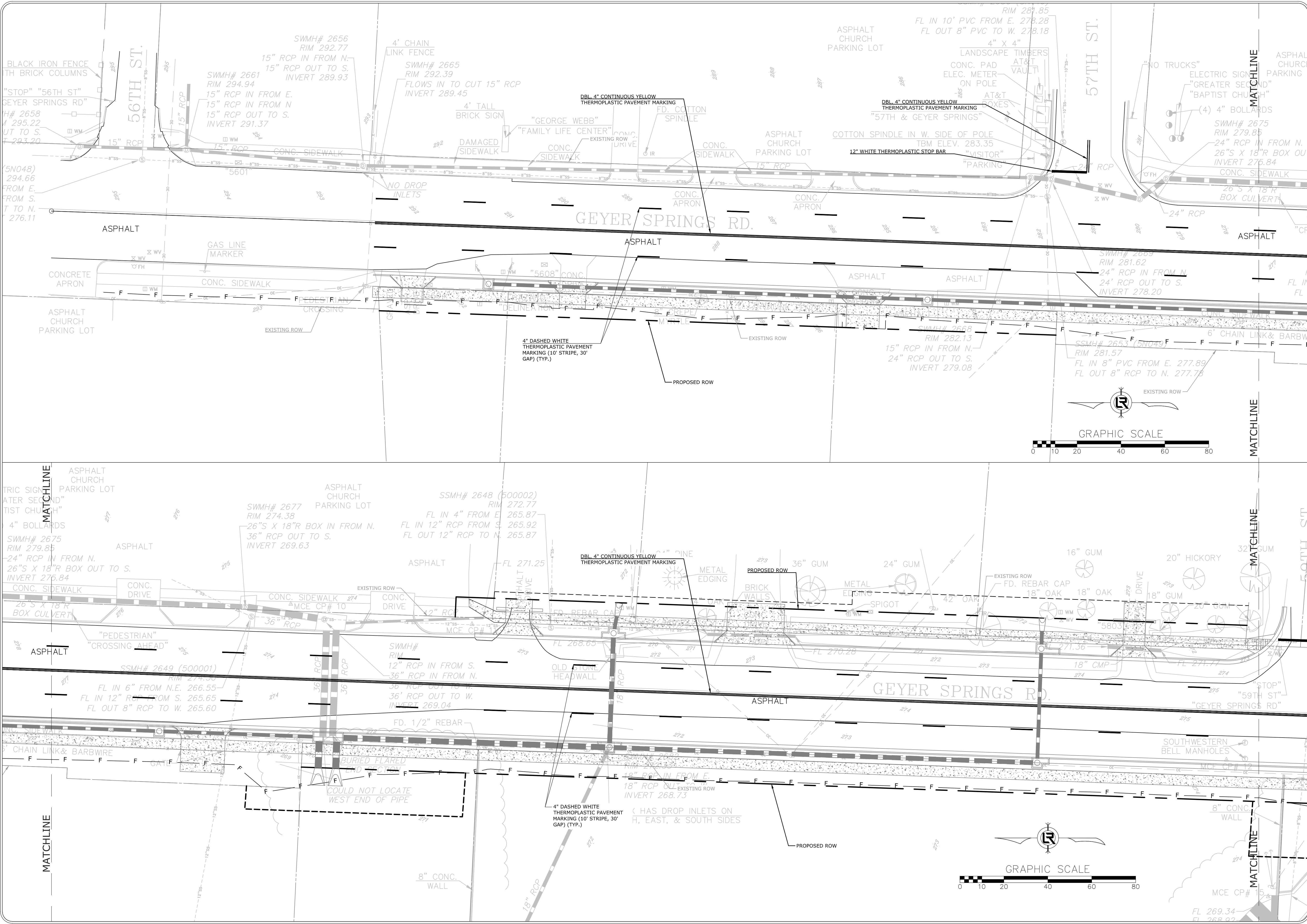
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DESIGNED
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CHECKED
MK
DATE
2/13/2020
SCALE
1" = 20'**

**PROJECT NO.
2-17-ST-90**


**SHEET NO.
C18**

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REVISIONS	DATE

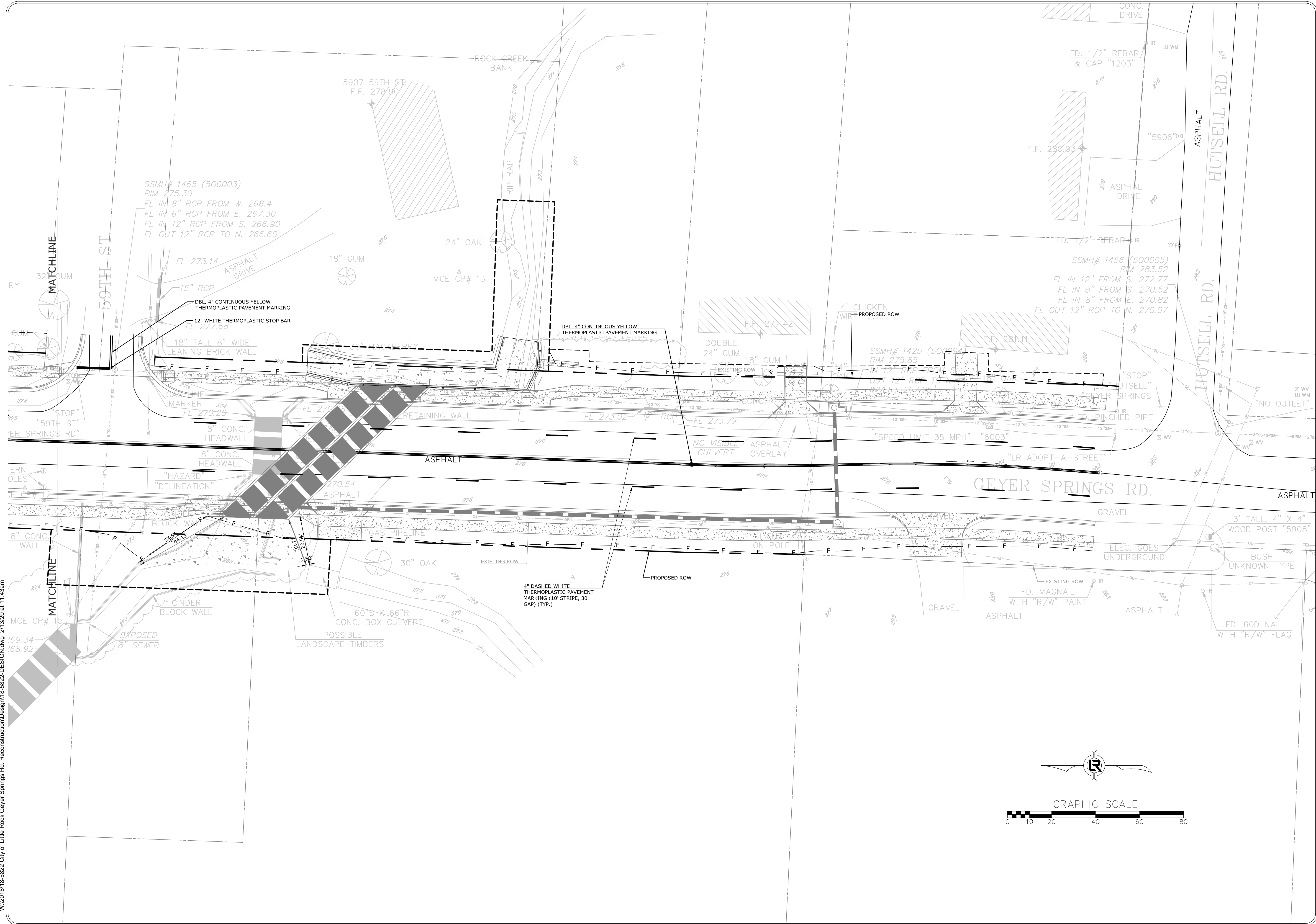
CITY OF LITTLE ROCK, ARKANSAS
GEYER SPRINGS ROAD RECONSTRUCTION
STRIPING PLAN


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


 STATE OF ARKANSAS
 LICENSED PROFESSIONAL ENGINEER
 No. 17435
 J. J. GAUTHREAUX

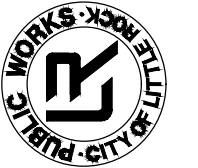
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 DESIGNED
 RNB
 CHECKED
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 DATE
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 SCALE
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 PROJECT NO.
 2-17-ST-90
 SHEET NO.
C19

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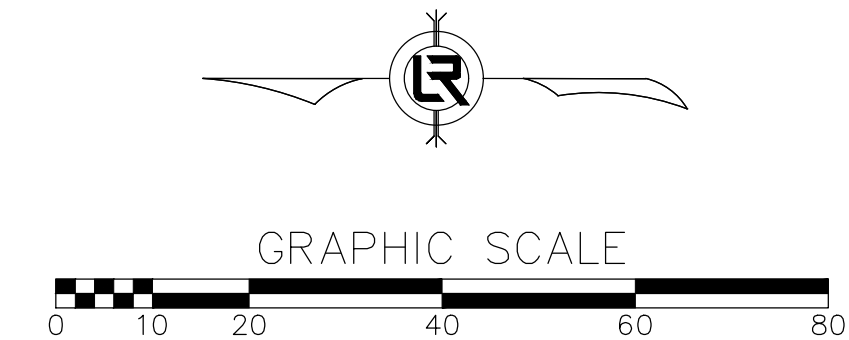
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
GEYER SPRINGS ROAD RECONSTRUCTION
 STRIPING PLAN

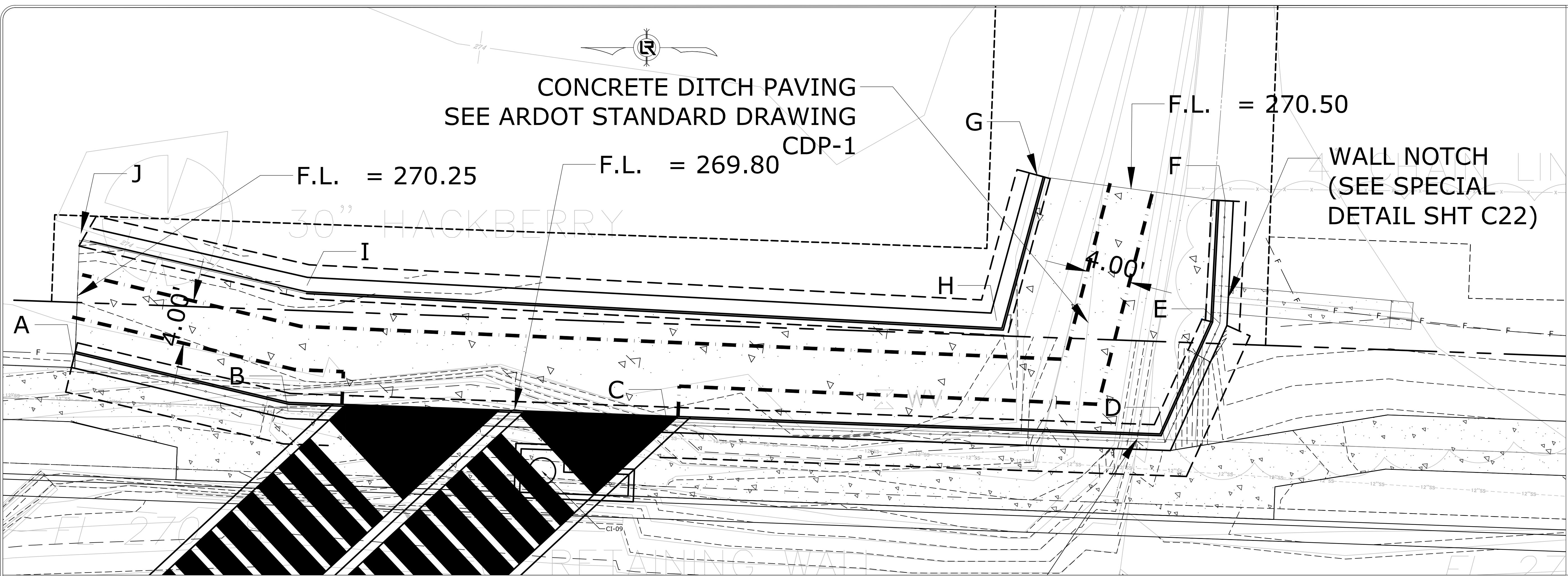

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 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201



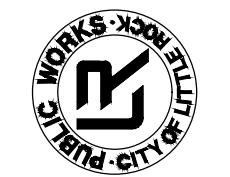
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DESIGNED RNB
CHECKED MK
DATE 2/13/2020
SCALE 1" = 20'
PROJECT NO. 2-17-ST-90
SHEET NO. C20



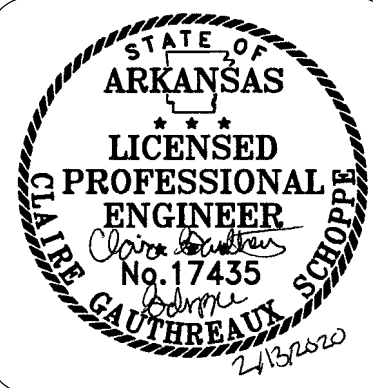
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SEE ARDOT STANDARD DRAWING
CDP-1



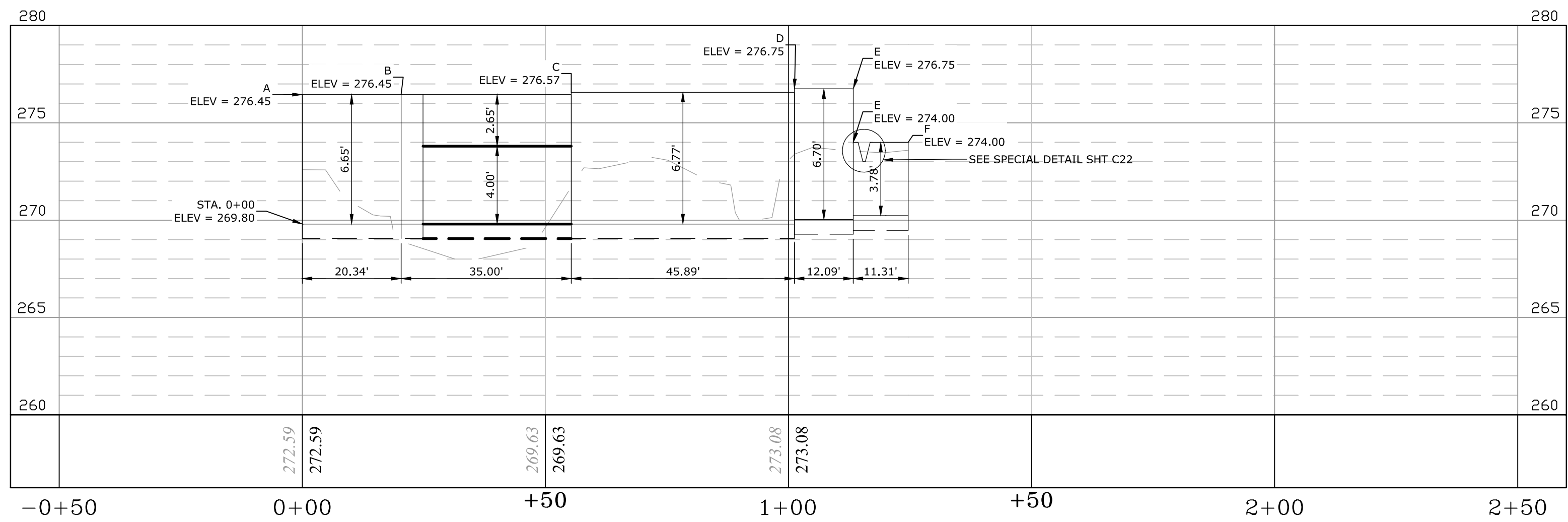
CITY OF LITTLE ROCK, ARKANSAS
GEYER SPRINGS ROAD RECONSTRUCTION
SPECIAL DETAILS



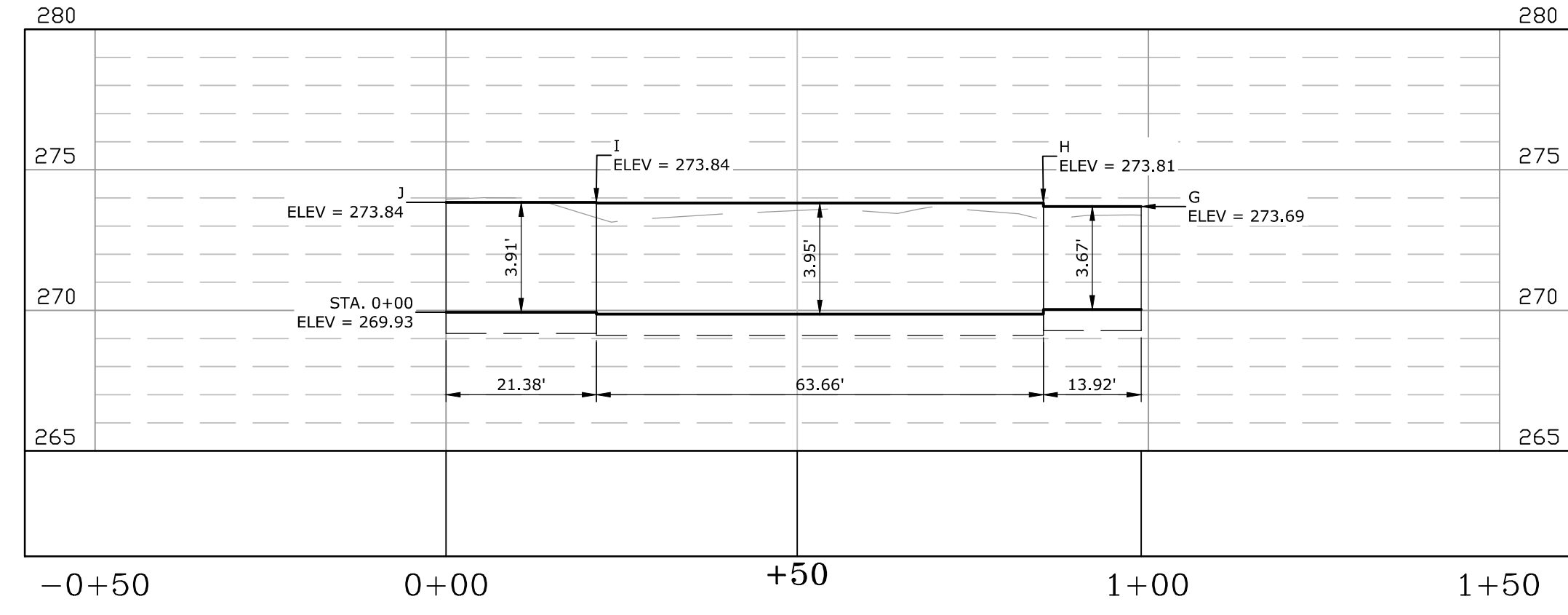
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



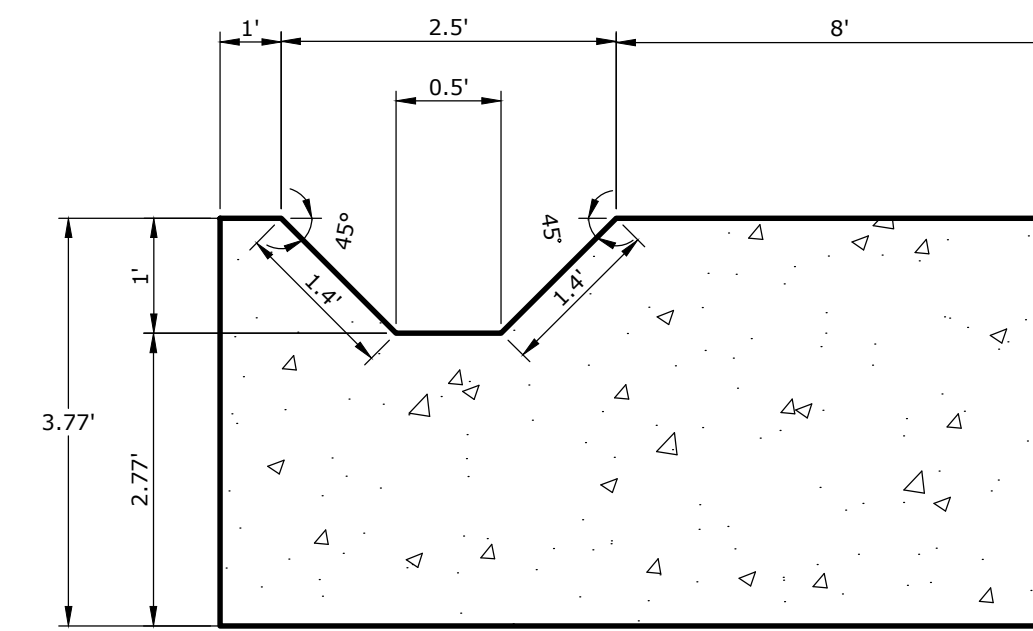
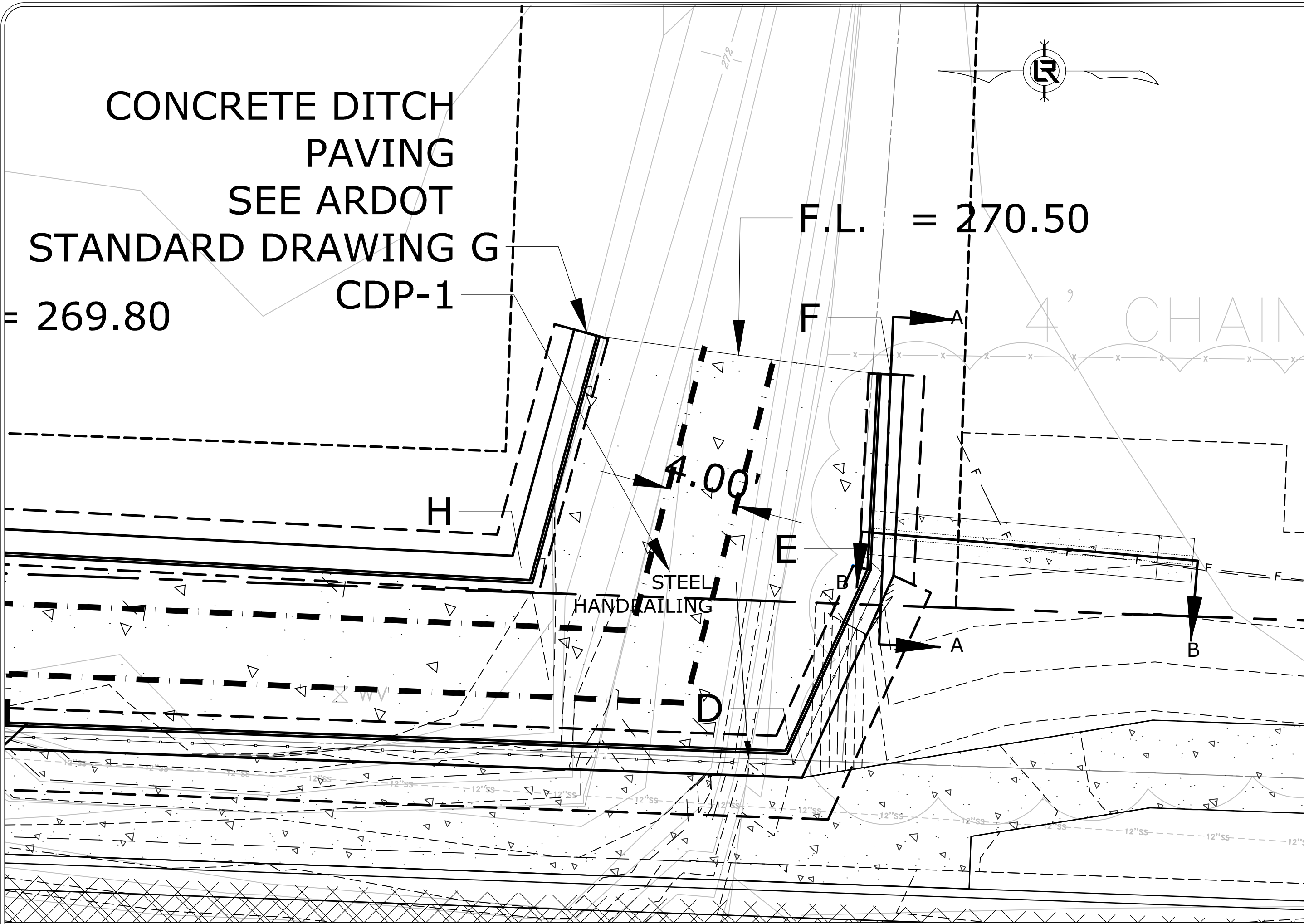
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DATE
2/13/2020
SCALE
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PROJECT NO.
2-17-ST-90
SHEET NO.
C21



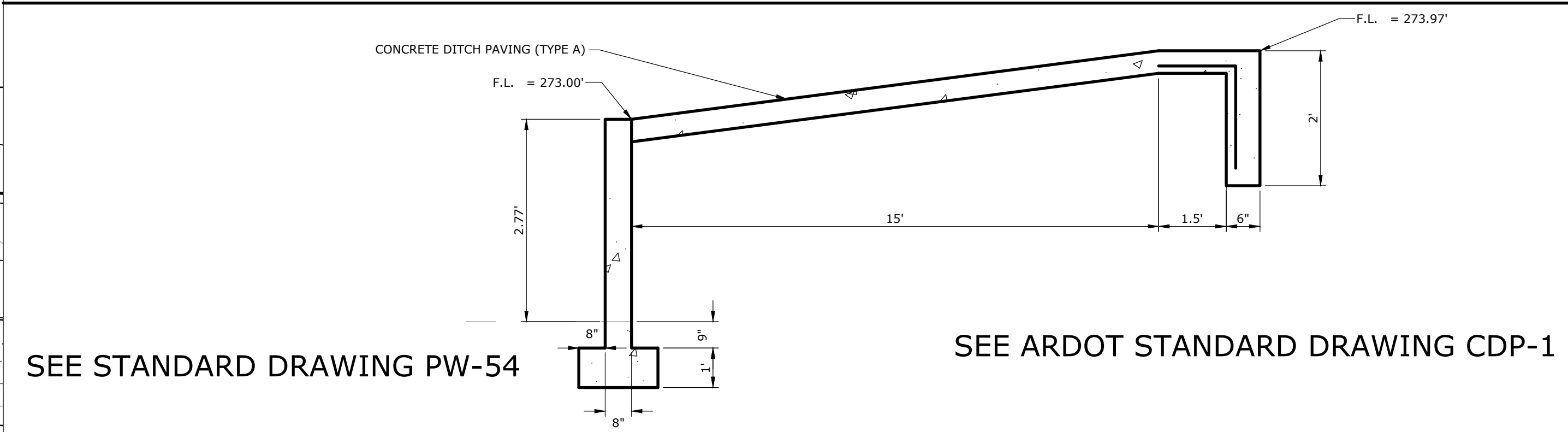
INLET WALL WEST



INLET WALL EAST



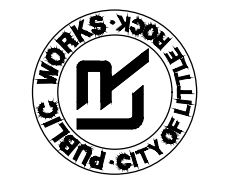
SECTION A-A



SECTION B-B
N.T.S.

RETAINING WALL NOTCH PLAN VIEW

CITY OF LITTLE ROCK, ARKANSAS
GEYER SPRINGS ROAD RECONSTRUCTION
SPECIAL DETAILS



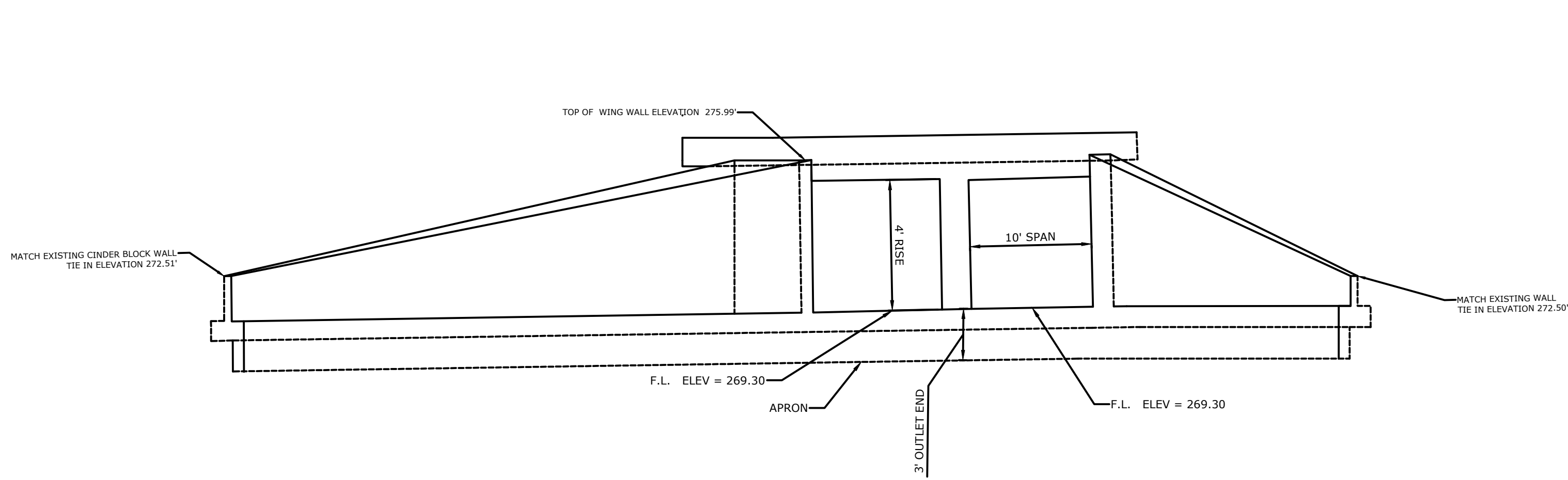
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



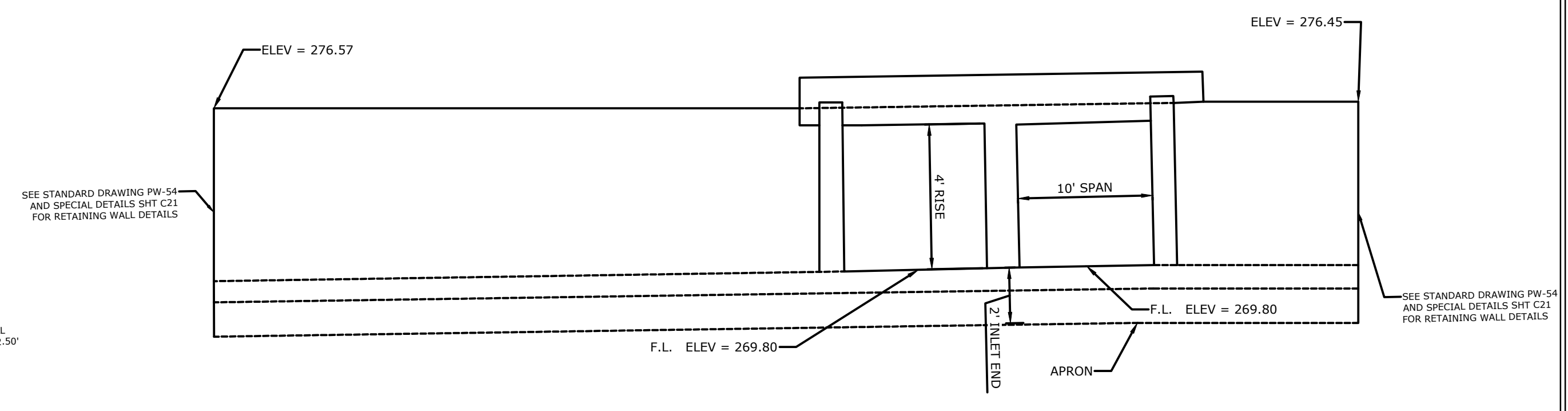
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DESIGNED
RNB
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DATE
2/13/2020
SCALE
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PROJECT NO.
2-17-ST-90
SHEET NO.
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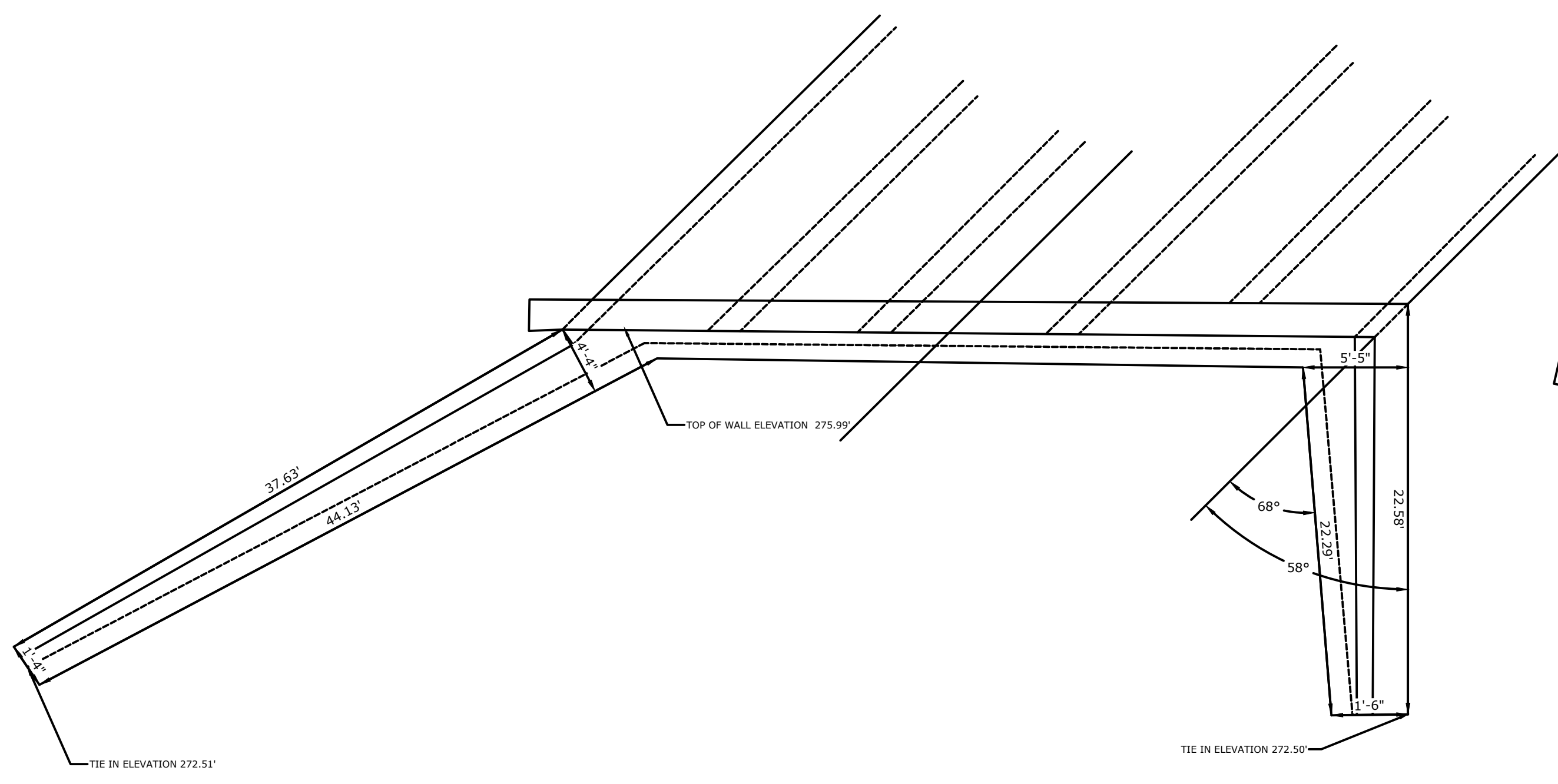
REVISIONS	DATE



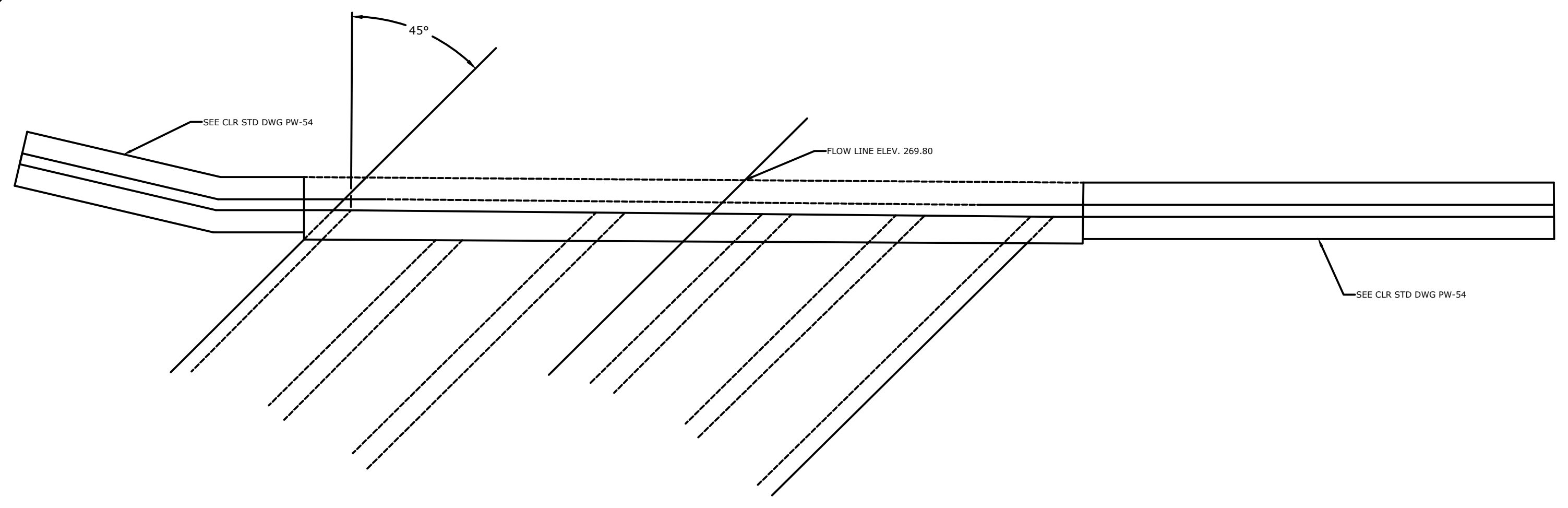
CONCRETE BOX CULVERT
OUTLET END
NTS



CONCRETE BOX CULVERT
INLET END
NTS



CONCRETE BOX CULVERT
OUTLET END PLAN VIEW
NTS



CONCRETE BOX CULVERT
INLET END PLAN VIEW
NTS

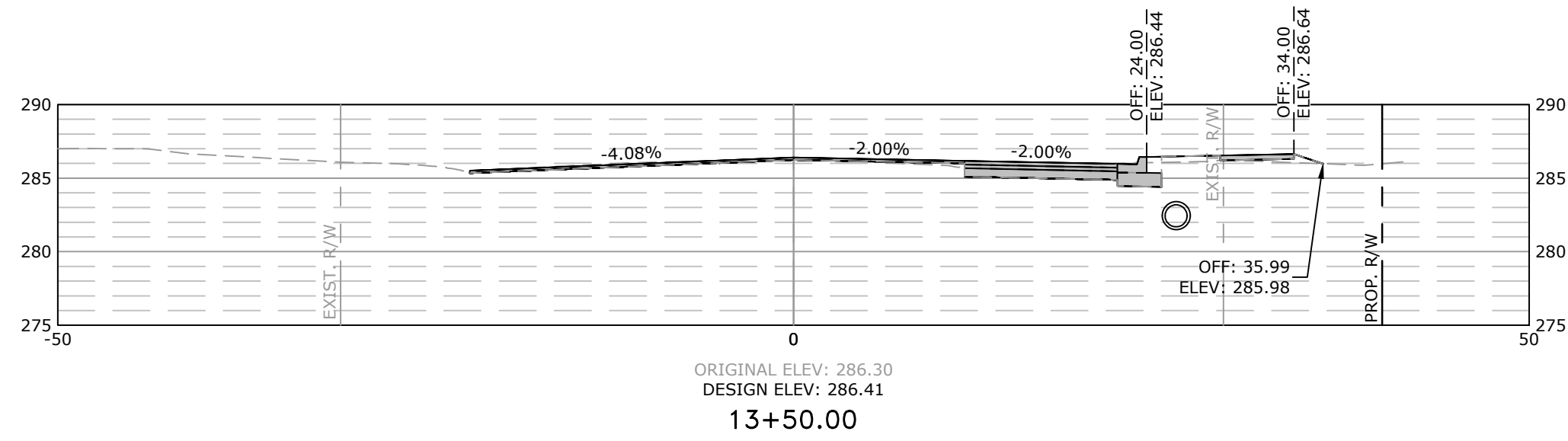
CITY OF LITTLE ROCK, ARKANSAS
GEYER SPRINGS RD. RECONSTRUCTION
MISCELLANEOUS DETAILS

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

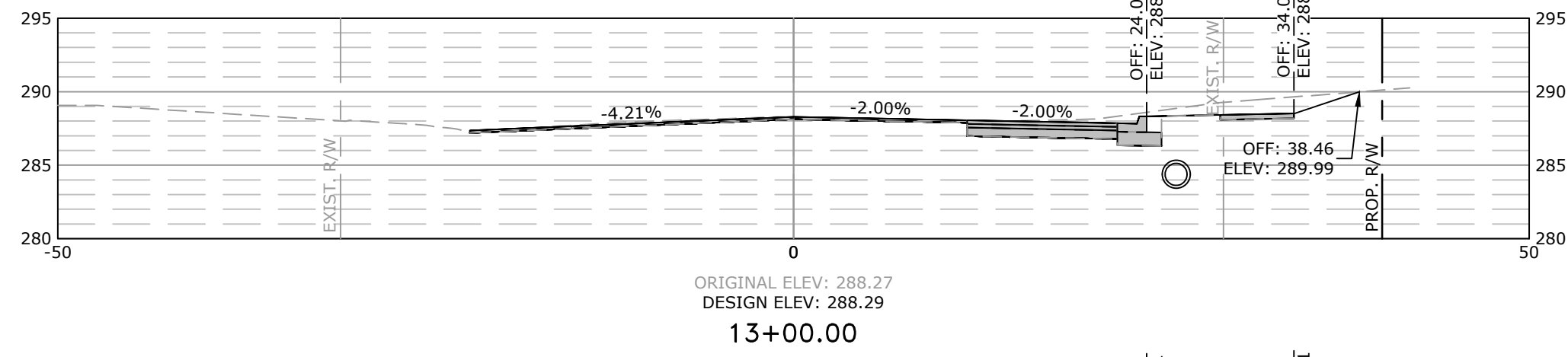


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JJW
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DATE
02/14/2020
SCALE
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PROJECT NO.
2-17-ST-90
SHEET NO.
C23

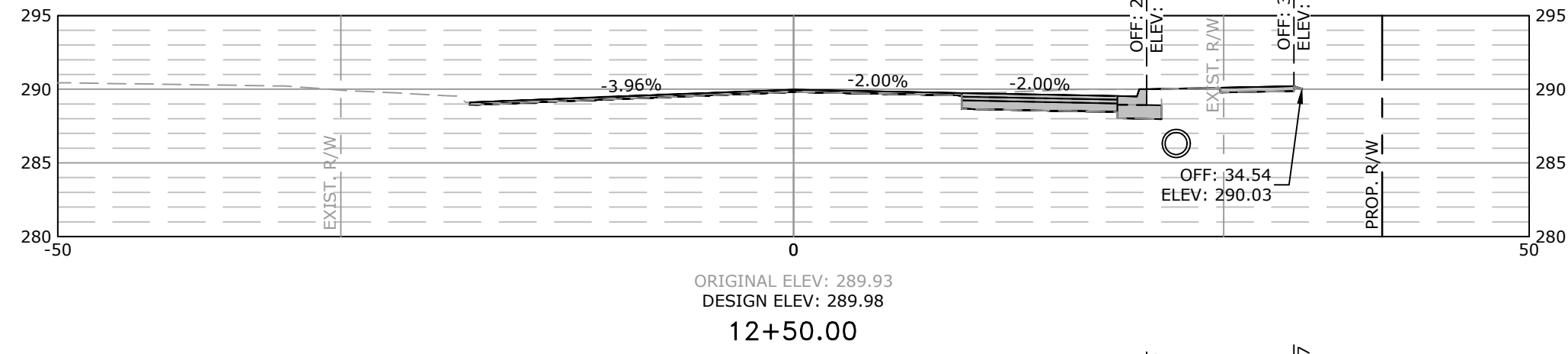
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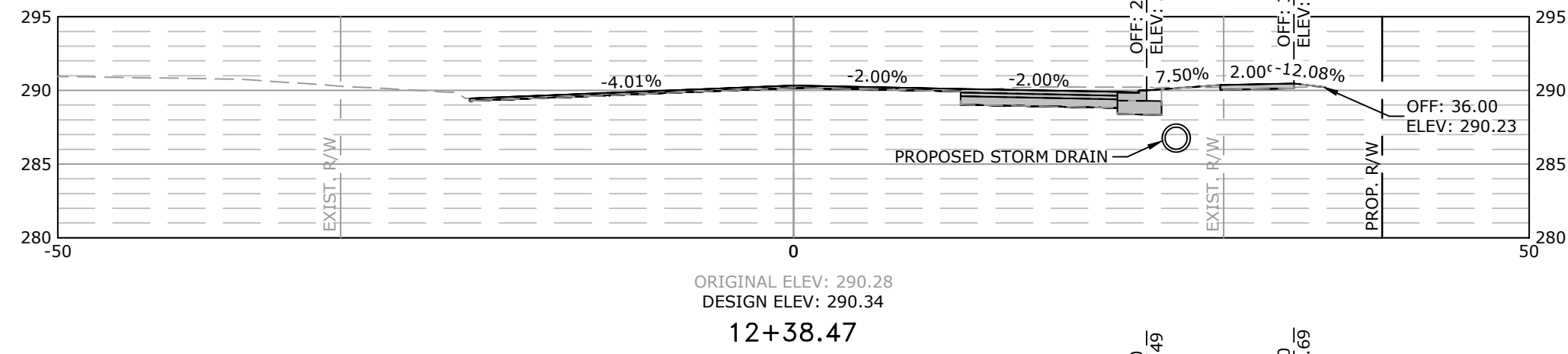
Total Volume at Station 13+50.00	
Cut Area	18.37
Fill Area	3.57
Cut Vol	45.00
Fill Vol	3.31



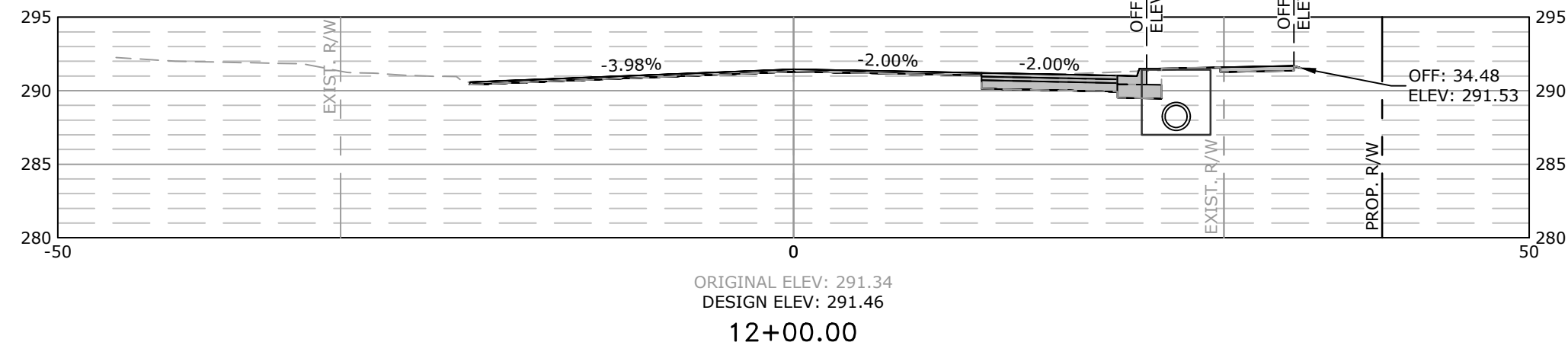
Total Volume at Station 13+00.00	
Cut Area	30.22
Fill Area	0.01
Cut Vol	52.36
Fill Vol	0.28



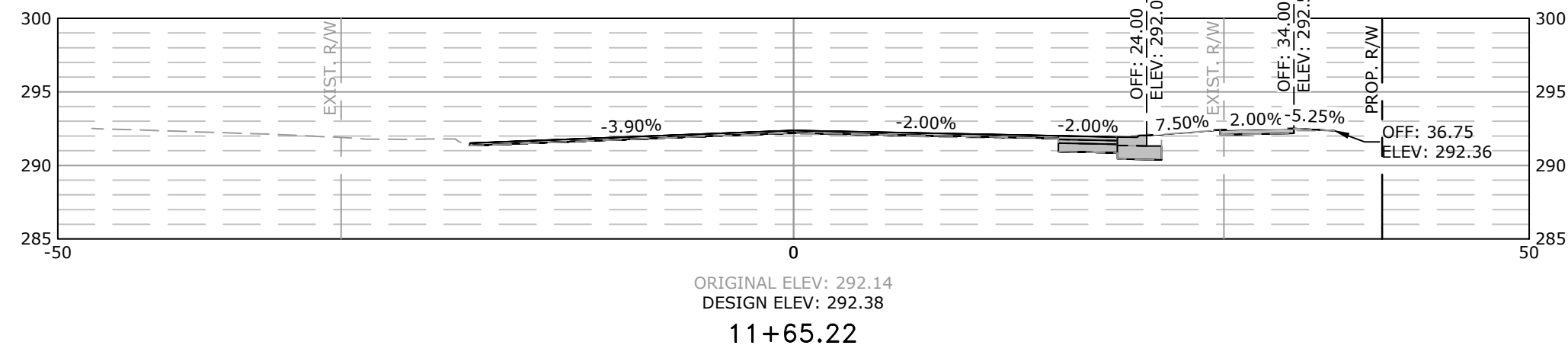
Total Volume at Station 12+50.00	
Cut Area	26.32
Fill Area	0.30
Cut Vol	10.90
Fill Vol	0.15



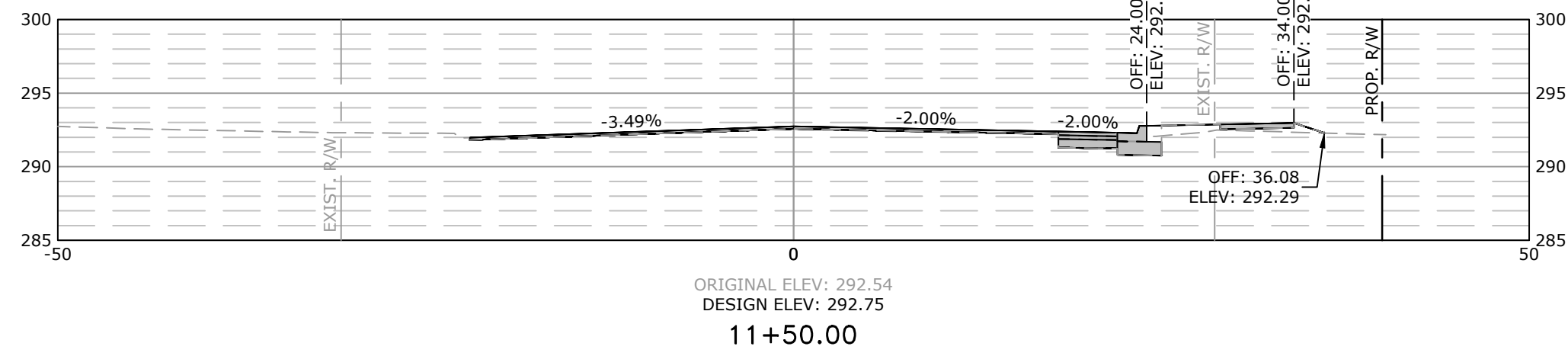
Total Volume at Station 12+38.47	
Cut Area	24.72
Fill Area	0.43
Cut Vol	32.01
Fill Vol	0.72



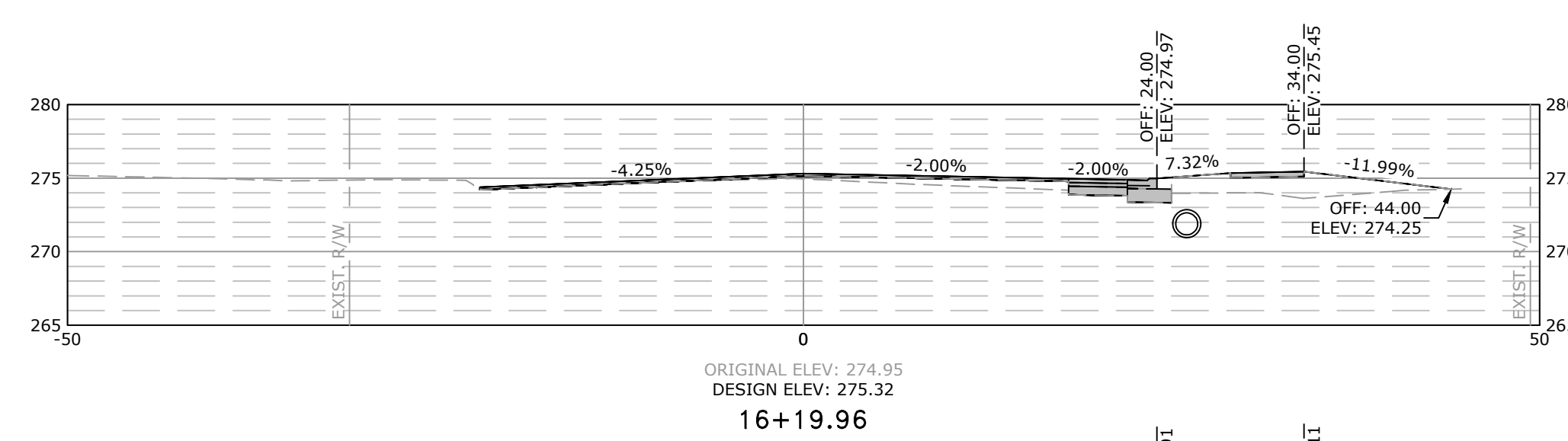
Total Volume at Station 12+00.00	
Cut Area	20.22
Fill Area	0.58
Cut Vol	20.94
Fill Vol	1.23



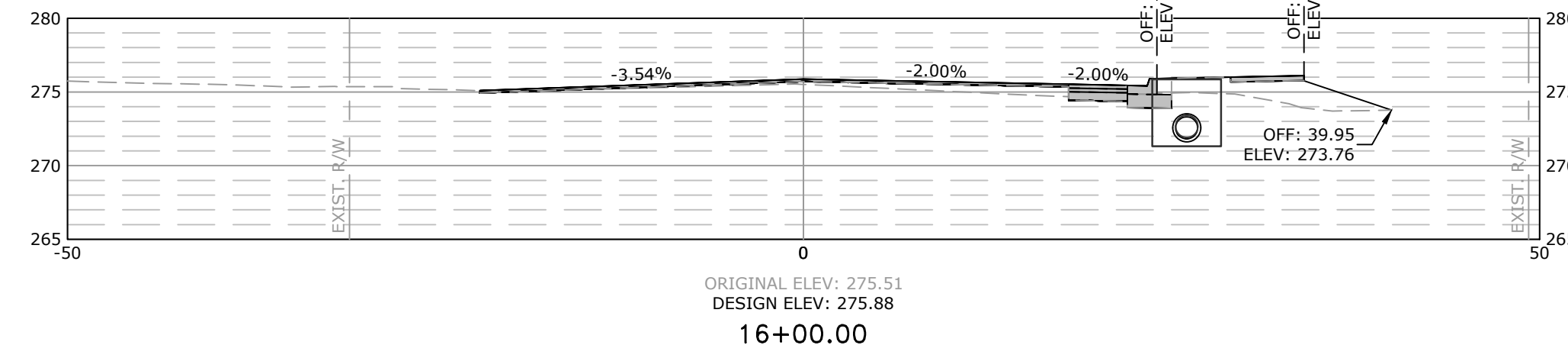
Total Volume at Station 11+65.22	
Cut Area	12.31
Fill Area	1.33
Cut Vol	6.05
Fill Vol	1.62



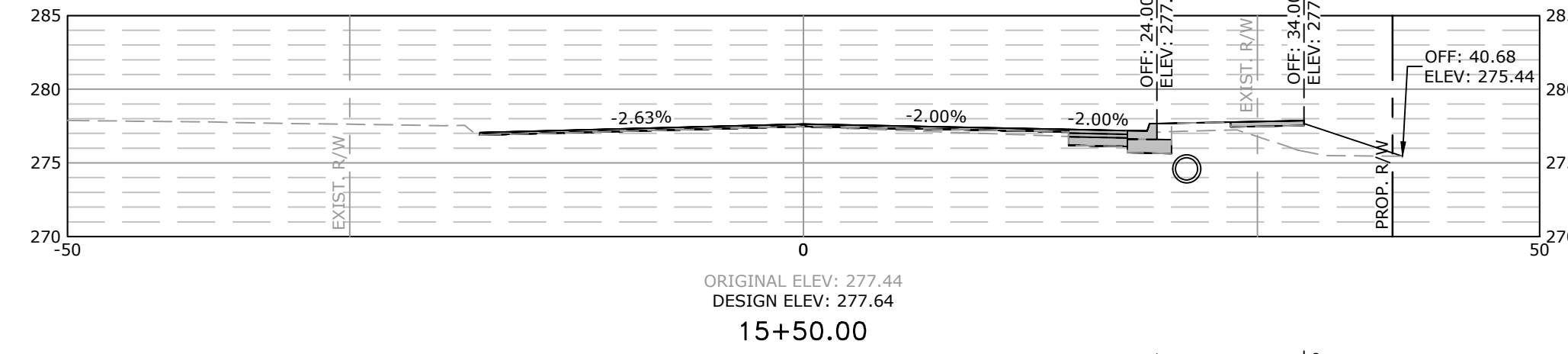
Total Volume at Station 11+50.00	
Cut Area	9.15
Fill Area	4.43
Cut Vol	0.00
Fill Vol	0.00



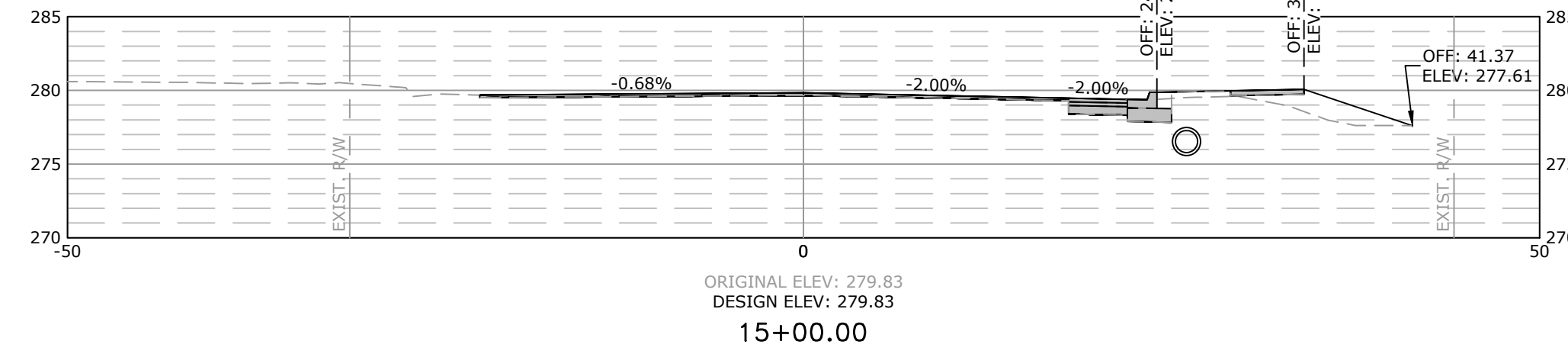
Total Volume at Station 16+19.96	
Cut Area	3.74
Fill Area	18.94
Cut Vol	2.76
Fill Vol	14.16



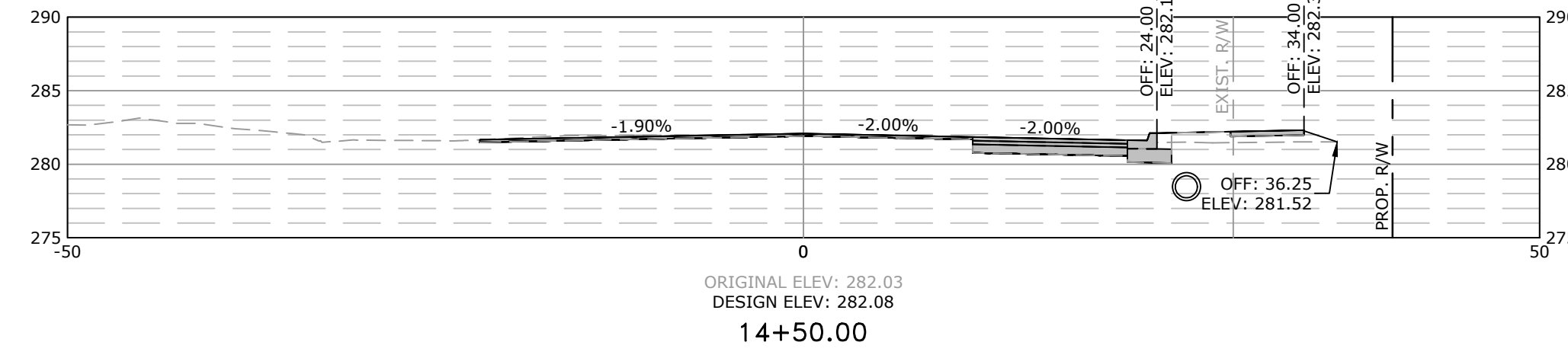
Total Volume at Station 16+00.00	
Cut Area	3.72
Fill Area	19.36
Cut Vol	10.72
Fill Vol	26.42



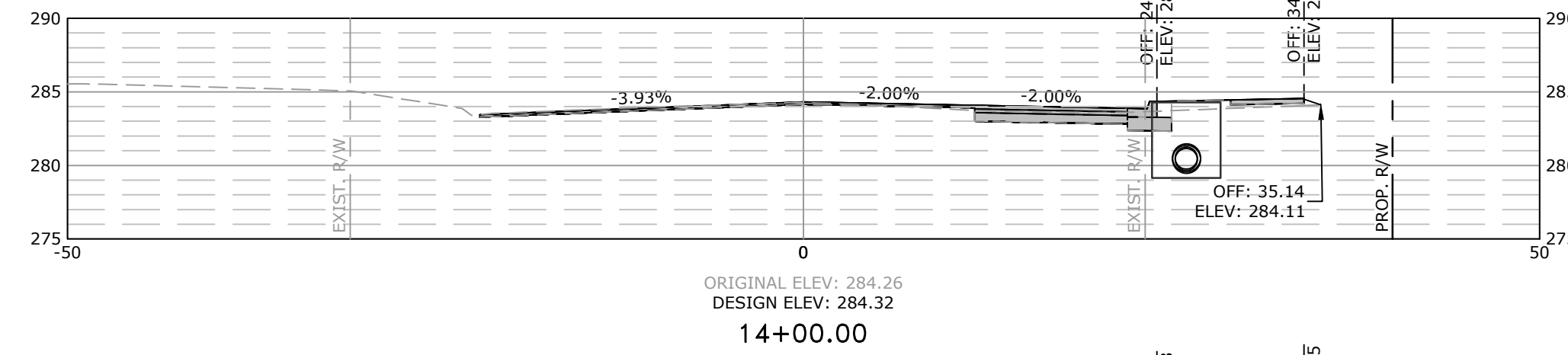
Total Volume at Station 15+50.00	
Cut Area	7.86
Fill Area	9.18
Cut Vol	18.36
Fill Vol	12.24



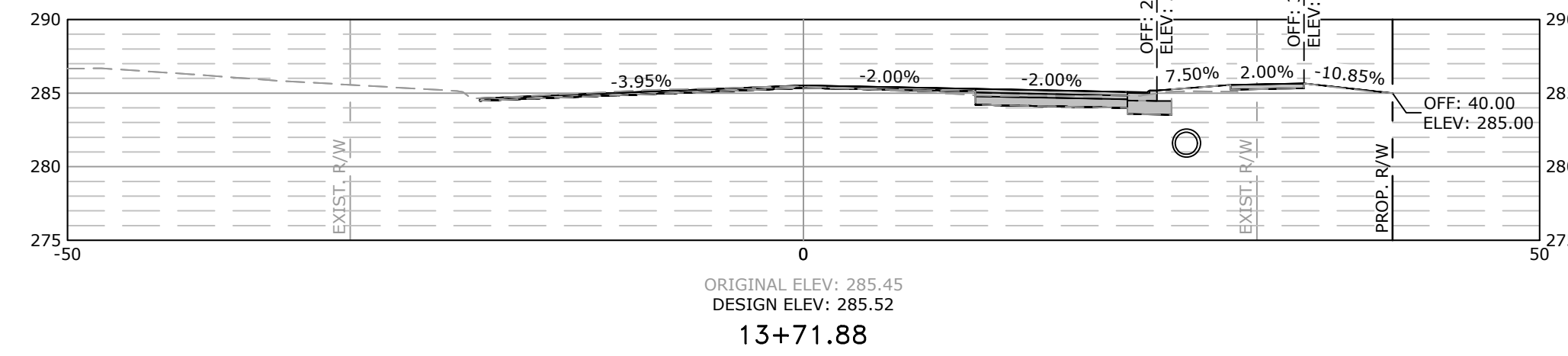
Total Volume at Station 15+00.00	
Cut Area	11.97
Fill Area	4.04
Cut Vol	29.22
Fill Vol	5.50



Total Volume at Station 14+50.00	
Cut Area	19.59
Fill Area	1.90
Cut Vol	33.39
Fill Vol	5.45



Total Volume at Station 14+00.00	
Cut Area	16.47
Fill Area	3.99
Cut Vol	17.10
Fill Vol	3.17



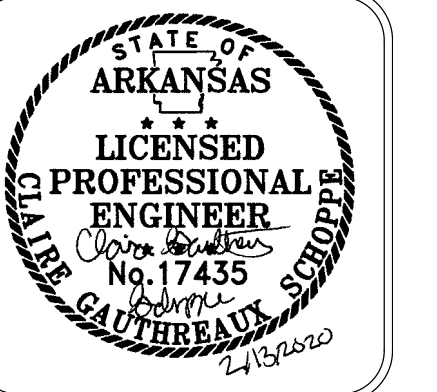
Total Volume at Station 13+71.88	
Cut Area	16.37
Fill Area	2.09
Cut Vol	14.08
Fill Vol	2.29

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

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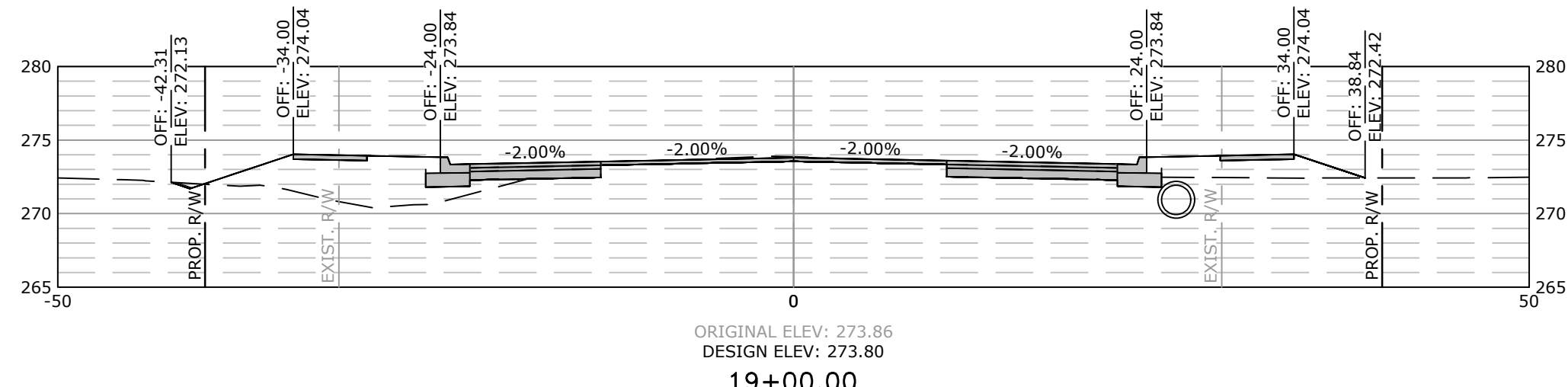
CITY OF LITTLE ROCK, ARKANSAS
GEYER SPRINGS ROAD RECONSTRUCTION
CROSS SECTIONS
STA. 11+50 TO STA. 16+19.96

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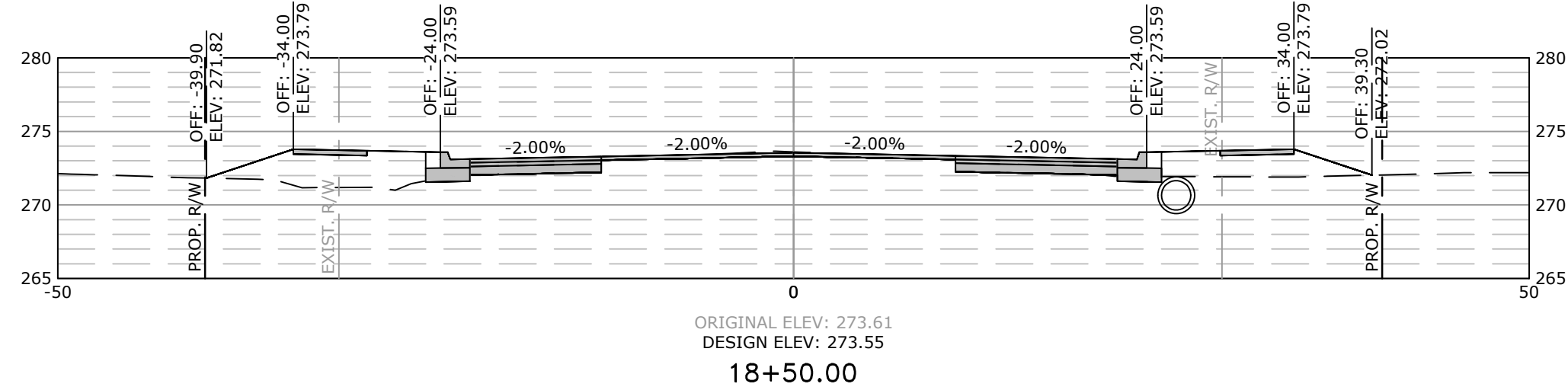


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PROJECT NO.
2-17-ST-90
SHEET NO.
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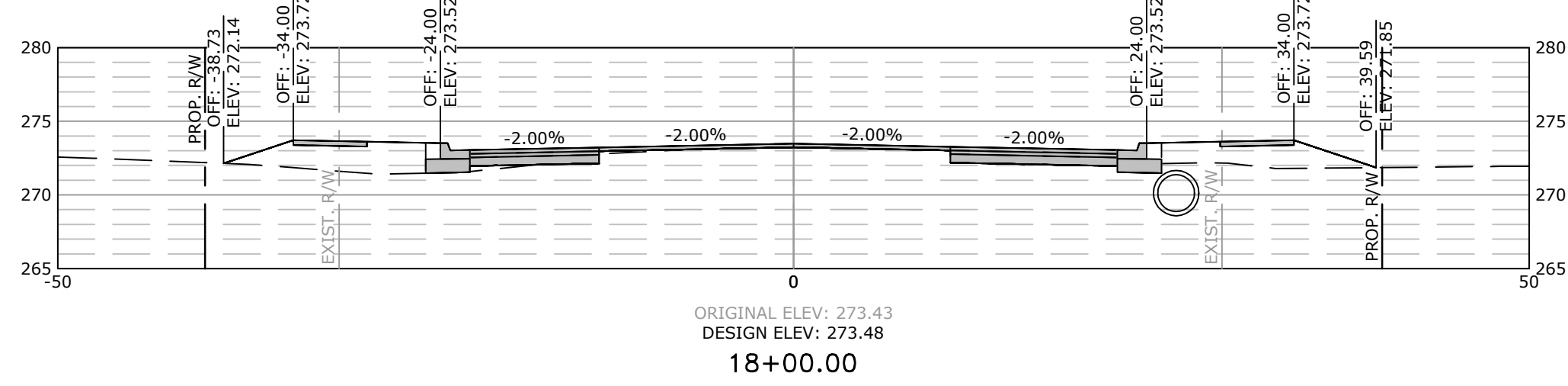
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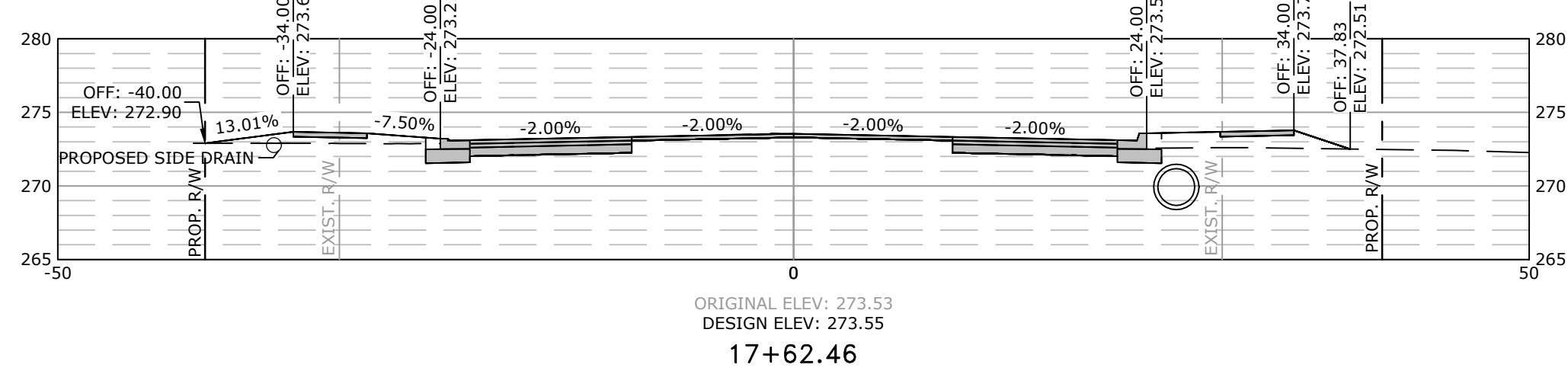
Total Volume at Station 19+00.00	
Cut Area	18.15
Fill Area	54.43
Cut Vol	31.41
Fill Vol	93.49



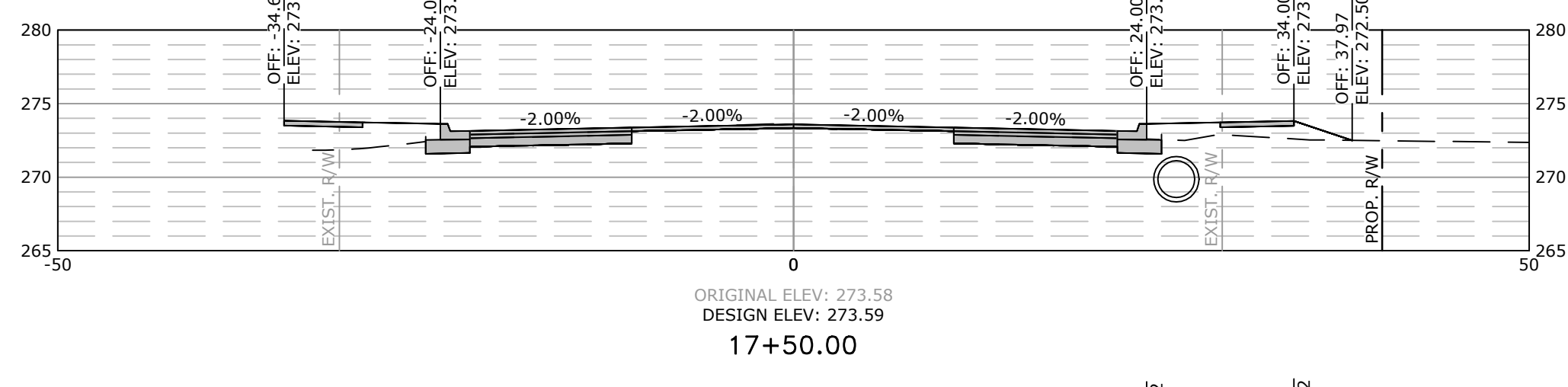
Total Volume at Station 18+50.00	
Cut Area	15.77
Fill Area	46.54
Cut Vol	24.42
Fill Vol	80.75



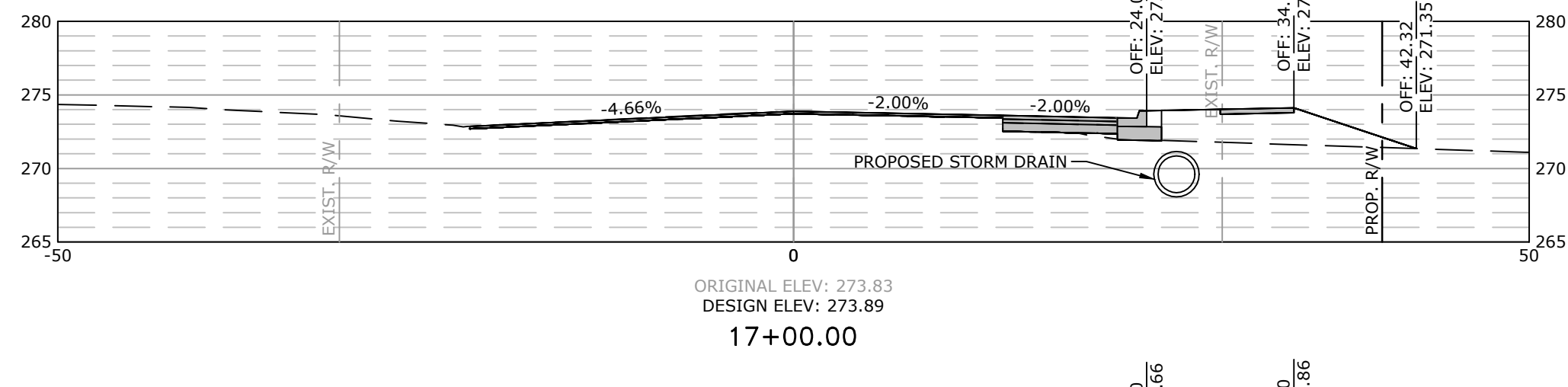
Total Volume at Station 18+00.00	
Cut Area	10.60
Fill Area	40.66
Cut Vol	27.14
Fill Vol	39.45



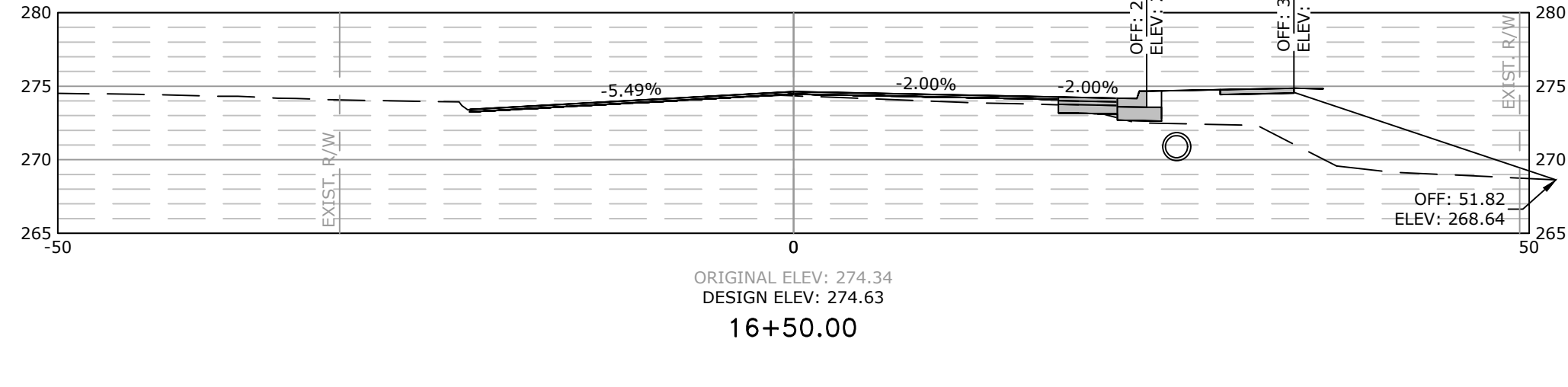
Total Volume at Station 17+62.46	
Cut Area	28.44
Fill Area	16.08
Cut Vol	13.33
Fill Vol	8.78



Total Volume at Station 17+50.00	
Cut Area	29.31
Fill Area	21.97
Cut Vol	34.20
Fill Vol	47.78

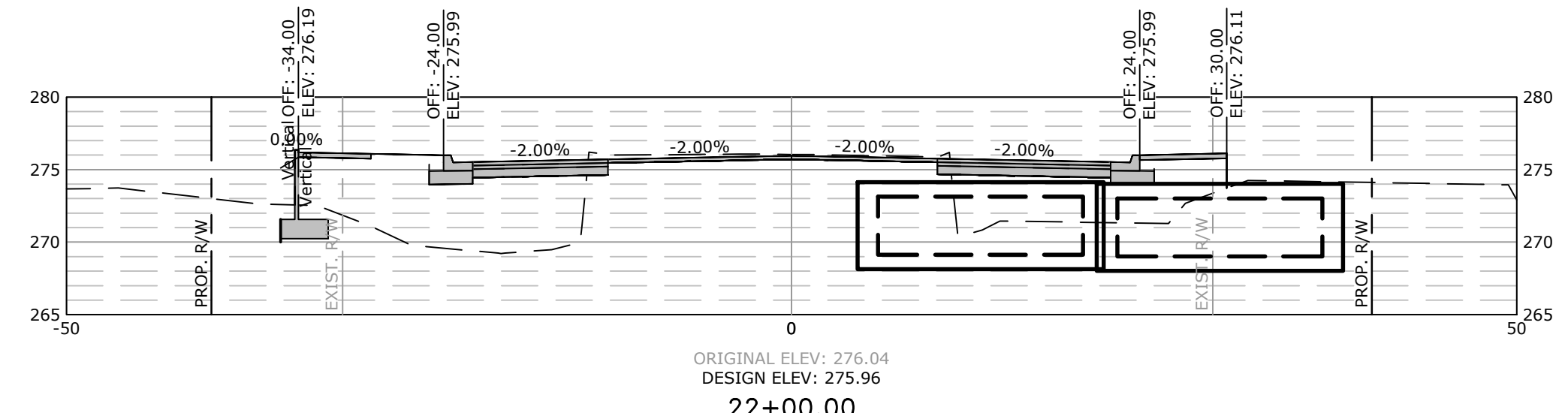


Total Volume at Station 17+00.00	
Cut Area	7.62
Fill Area	29.64
Cut Vol	9.87
Fill Vol	60.15

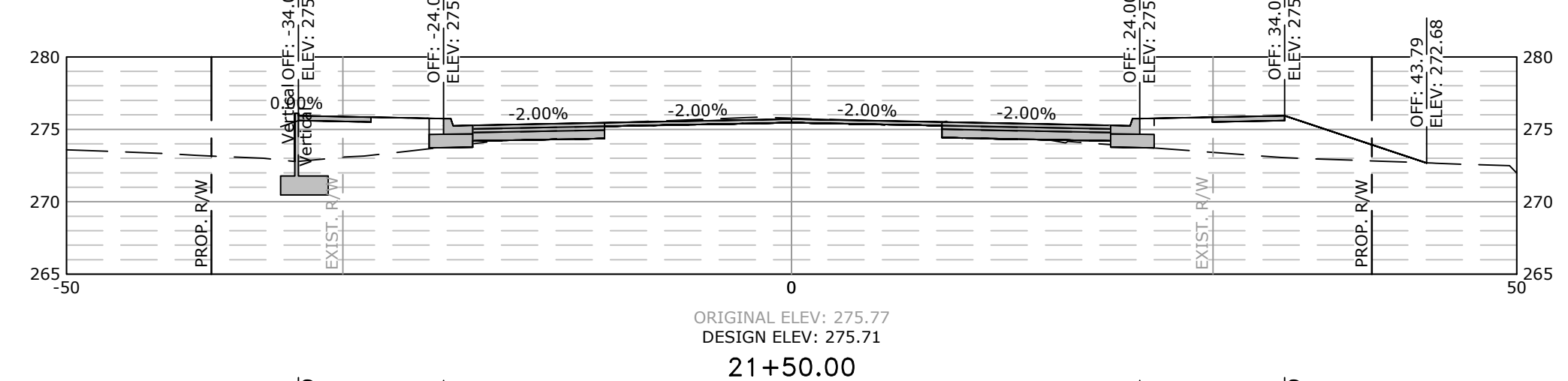


Total Volume at Station 16+50.00	
Cut Area	3.05
Fill Area	35.33
Cut Vol	3.78
Fill Vol	30.19

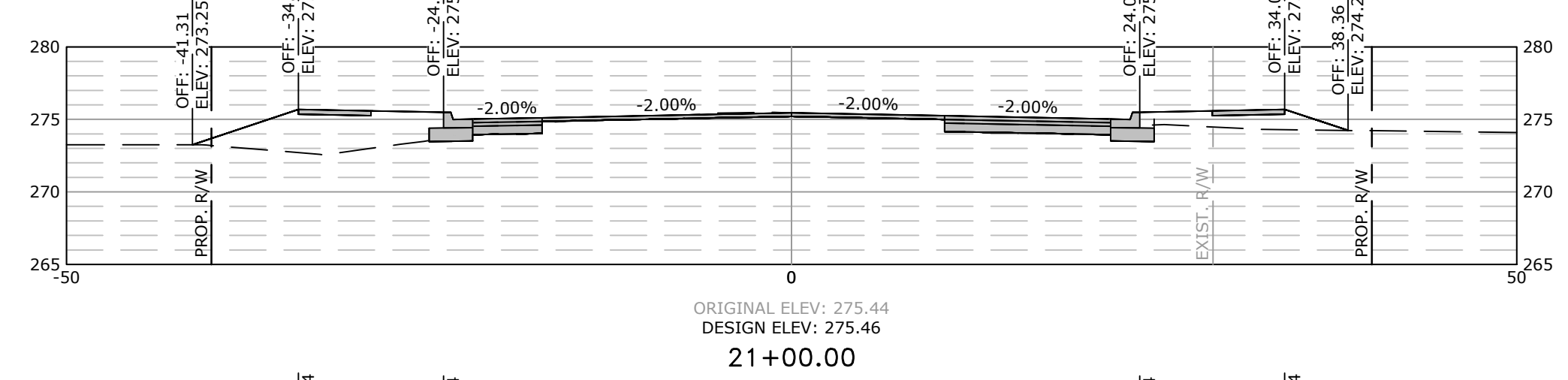
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1"=10' VERT.



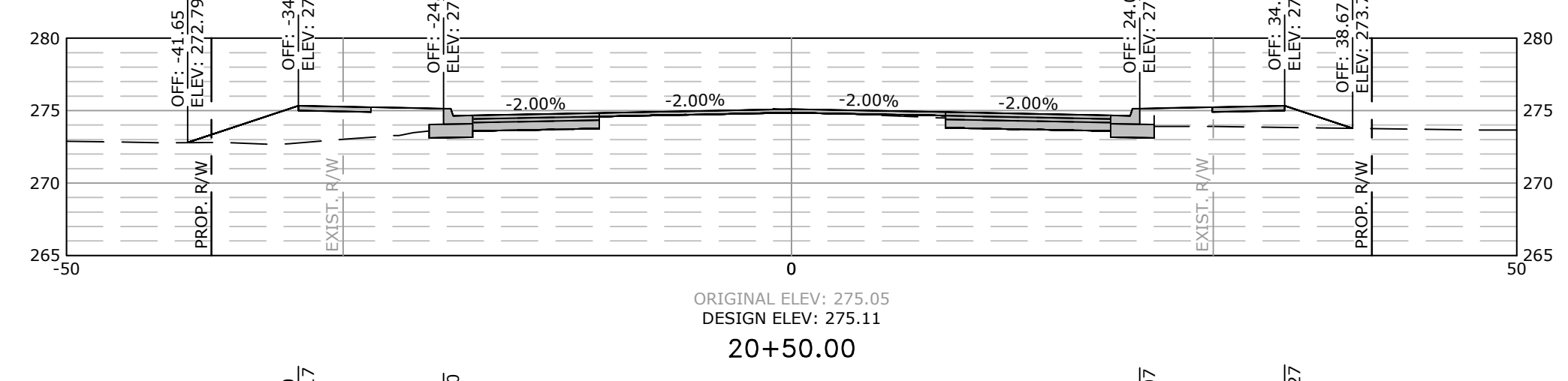
Total Volume at Station 22+00.00	
Cut Area	12.69
Fill Area	157.83
Cut Vol	25.82
Fill Vol	202.71



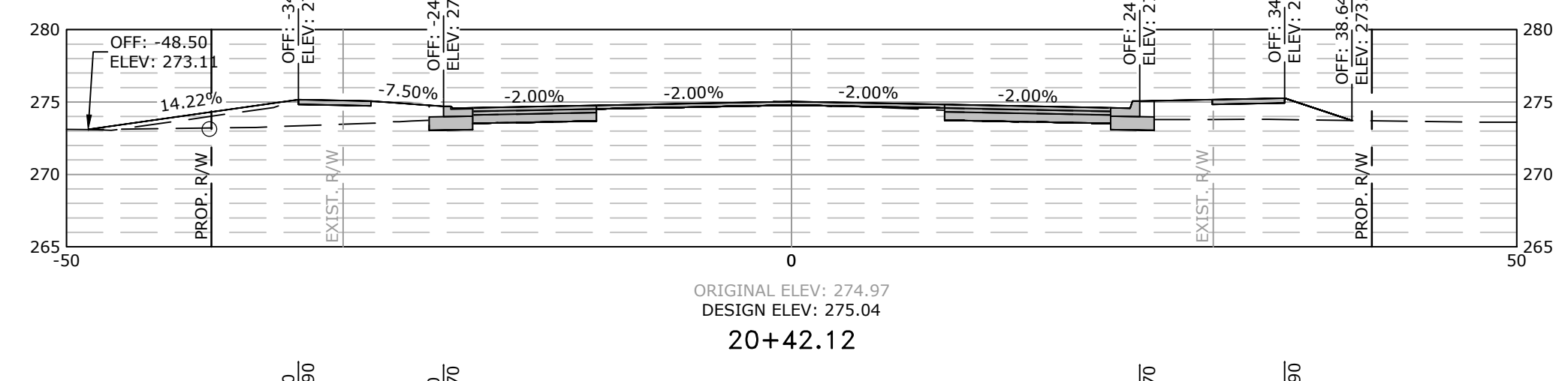
Total Volume at Station 21+50.00	
Cut Area	15.20
Fill Area	61.10
Cut Vol	32.01
Fill Vol	97.82



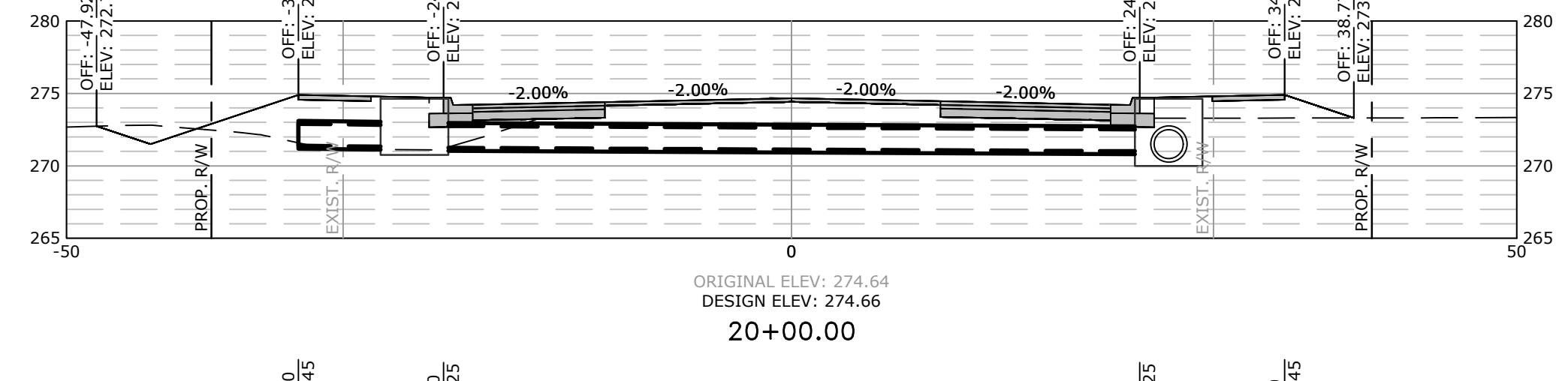
Total Volume at Station 21+00.00	
Cut Area	19.37
Fill Area	44.54
Cut Vol	32.99
Fill Vol	80.18



Total Volume at Station 20+50.00	
Cut Area	16.26
Fill Area	42.05
Cut Vol	4.58
Fill Vol	11.45



Total Volume at Station 20+42.12	
Cut Area	15.15
Fill Area	36.44
Cut Vol	23.56
Fill Vol	79.01



Total Volume at Station 20+00.00	
Cut Area	15.06
Fill Area	64.84
Cut Vol	27.77
Fill Vol	117.97



Total Volume at Station 19+50.00	
Cut Area	14.93
Fill Area	62.57
Cut Vol	30.63
Fill Vol	108.33

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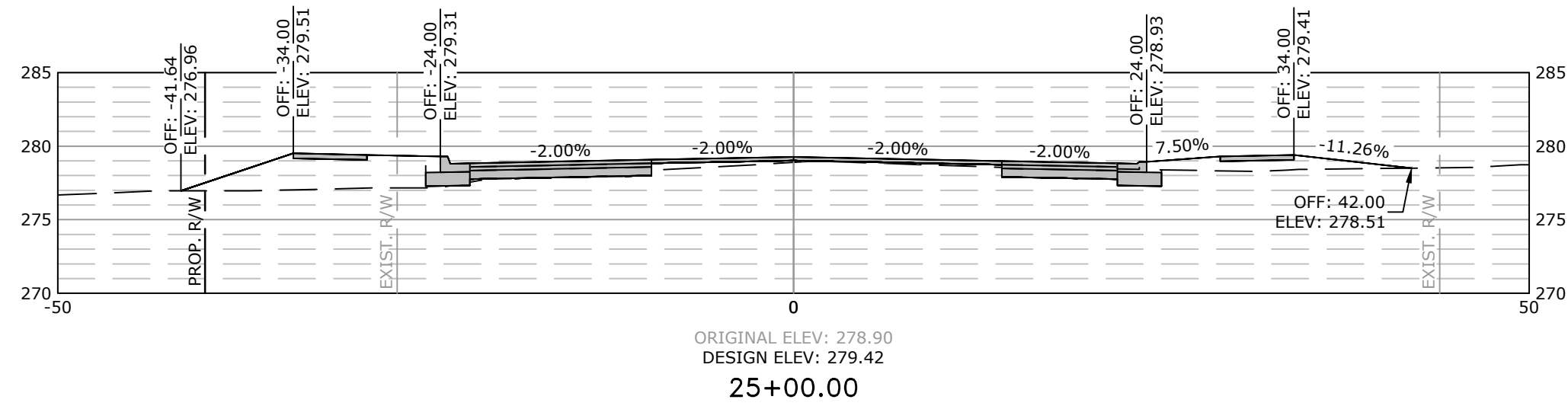
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STA. 16+50 TO STA. 22+00

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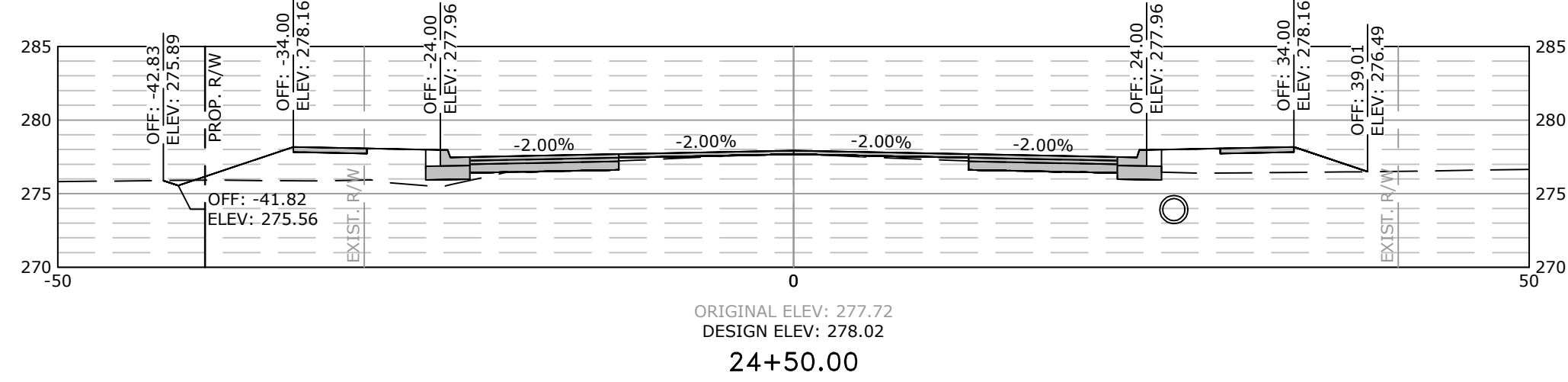


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SHEET NO.
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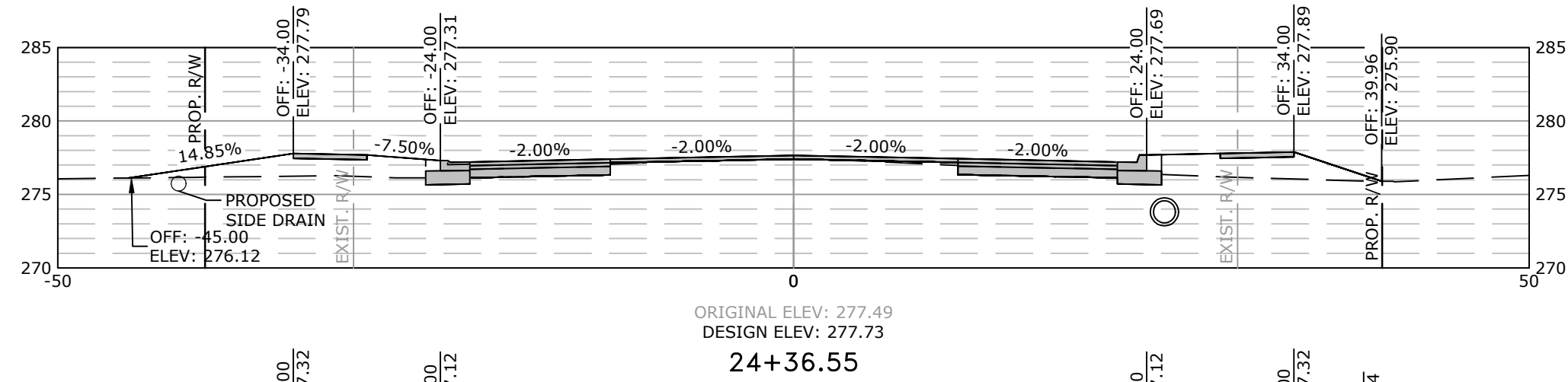
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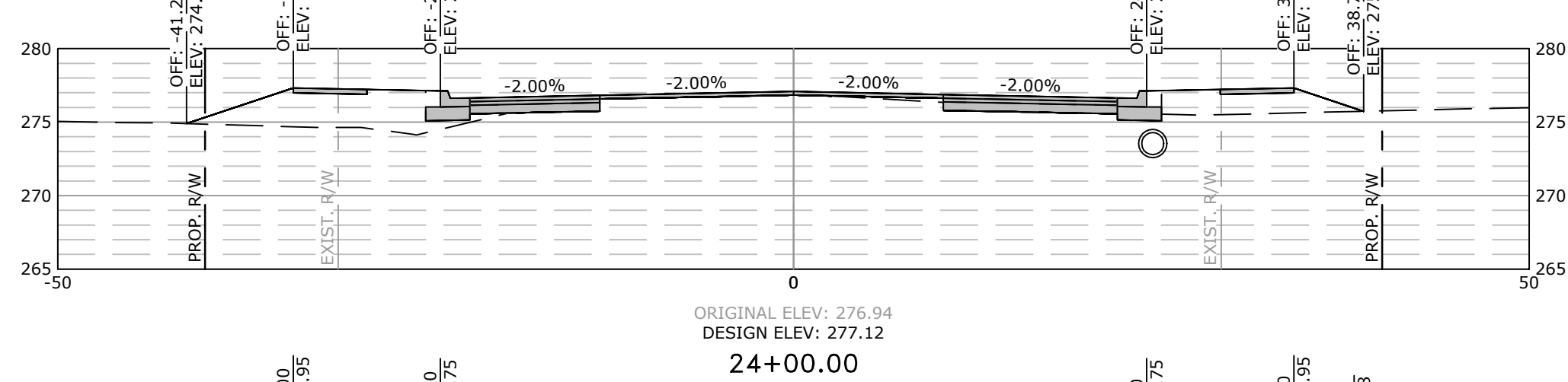
Total Volume at Station 25+00.00	
Cut Area	12.21
Fill Area	43.87
Cut Vol	19.38
Fill Vol	84.95



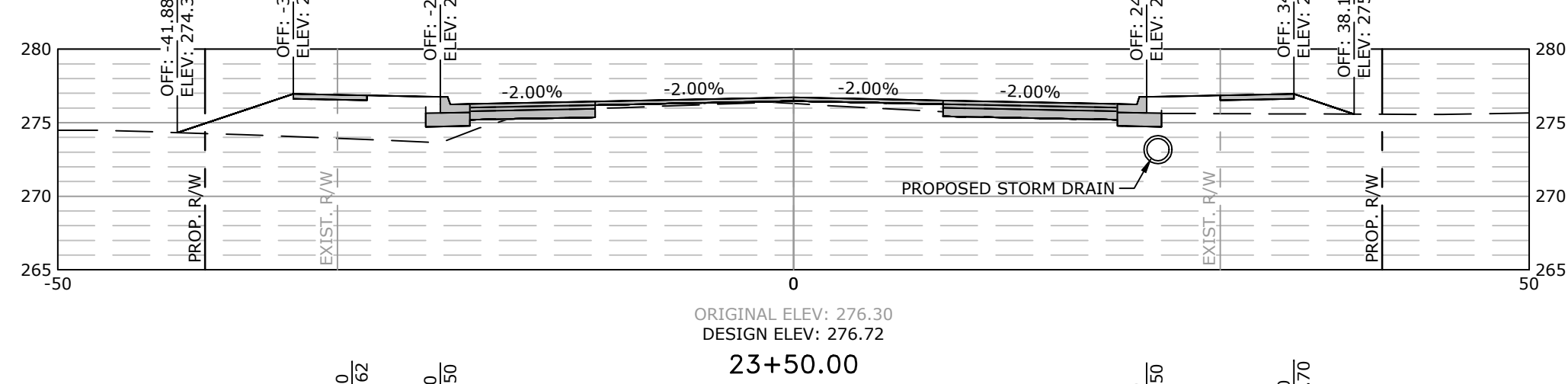
Total Volume at Station 24+50.00	
Cut Area	8.72
Fill Area	47.88
Cut Vol	5.46
Fill Vol	21.71



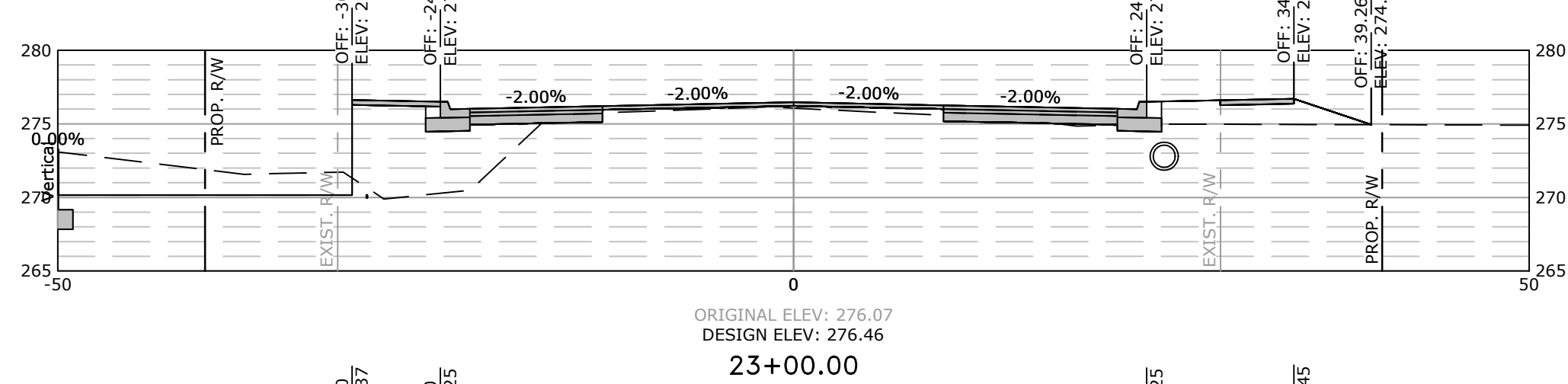
Total Volume at Station 24+36.55	
Cut Area	13.21
Fill Area	39.32
Cut Vol	15.00
Fill Vol	62.67



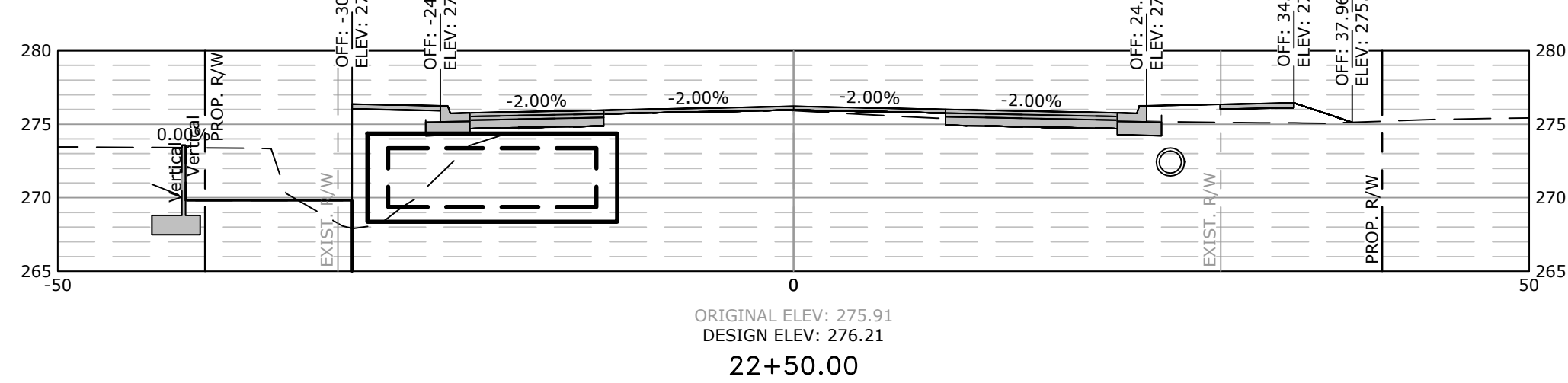
Total Volume at Station 24+00.00	
Cut Area	8.94
Fill Area	53.26
Cut Vol	16.52
Fill Vol	102.88



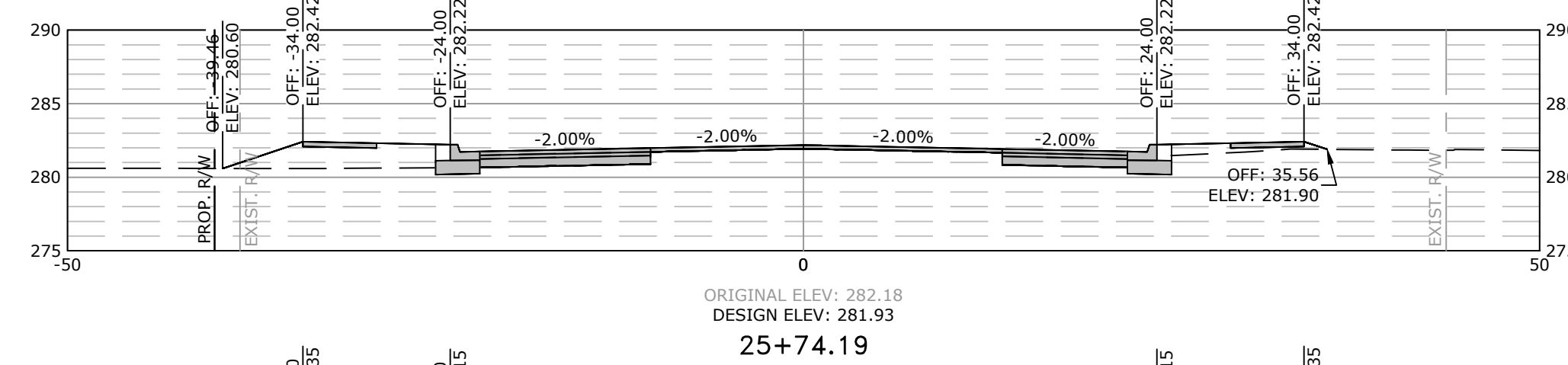
Total Volume at Station 23+50.00	
Cut Area	8.91
Fill Area	57.85
Cut Vol	113.32
Fill Vol	123.61



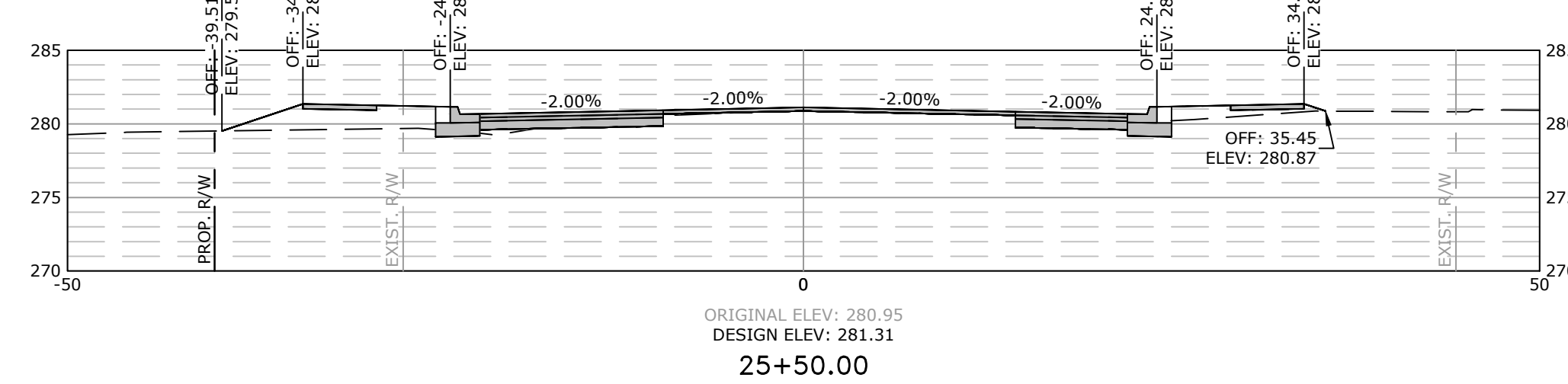
Total Volume at Station 23+00.00	
Cut Area	113.48
Fill Area	75.65
Cut Vol	144.71
Fill Vol	127.76



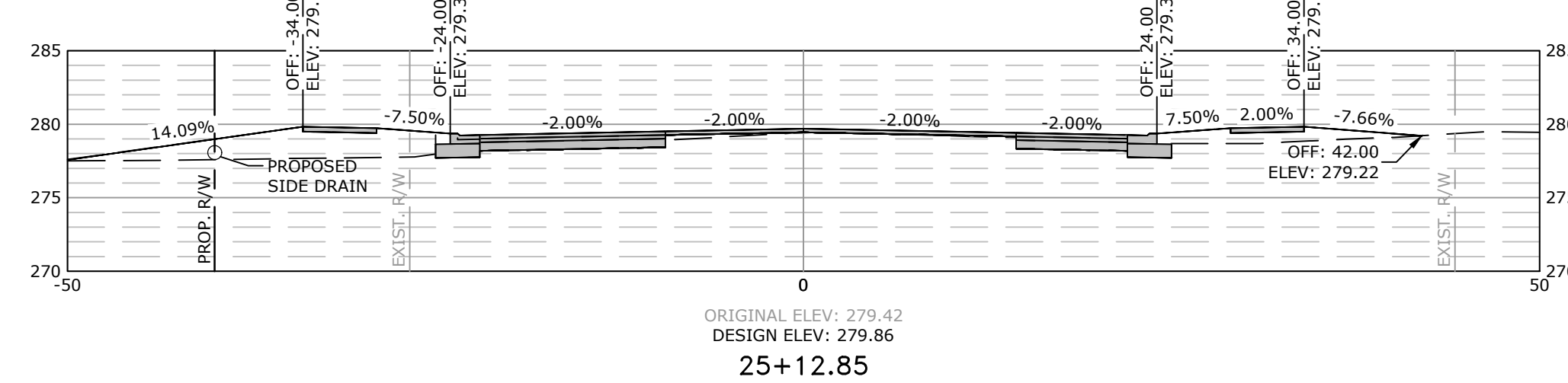
Total Volume at Station 22+50.00	
Cut Area	42.81
Fill Area	62.33
Cut Vol	51.39
Fill Vol	203.85



Total Volume at Station 25+74.19	
Cut Area	21.35
Fill Area	23.16
Cut Vol	16.49
Fill Vol	21.32



Total Volume at Station 25+50.00	
Cut Area	15.47
Fill Area	24.43
Cut Vol	18.99
Fill Vol	49.34

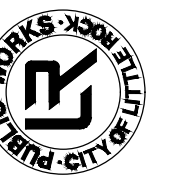


Total Volume at Station 25+12.85	
Cut Area	12.13
Fill Area	47.29
Cut Vol	5.79
Fill Vol	21.69

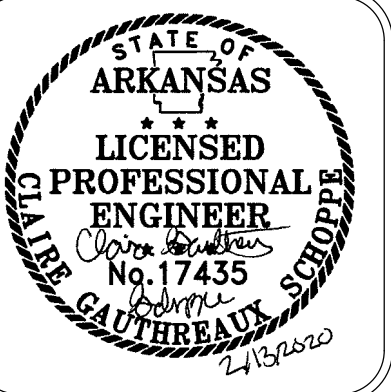
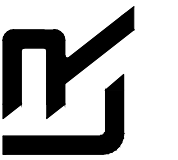
SCALE:
1"=10' HORIZ.
1"=10' VERT.

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