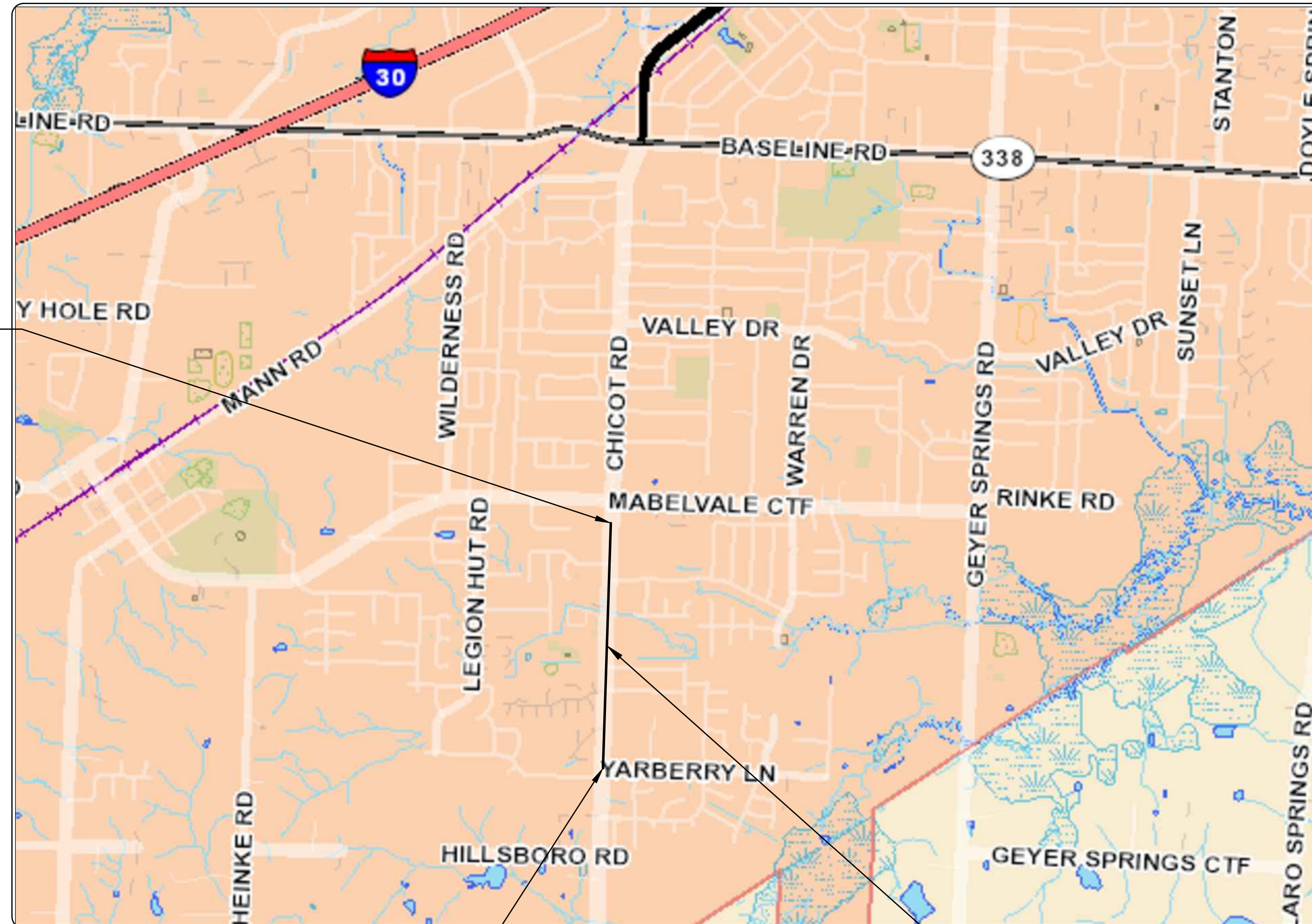


PROJECT LOCATION - WARD 7

CLR PROJECT 07-17-ST-357 CHICOT ROAD RECONSTRUCTION (MABELVALE CUT-OFF TO YARBERRY LANE)



PROJECT END
STATION 39+36

PROJECT START
STATION 5+00

PROJECT
LOCATION



**2019-2021
BOND PROGRAM**

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

60% SUBMITTAL

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Know what's below.
Call before you dig.

Michael Baker
INTERNATIONAL

1400 WEST MARKHAM
SUITE 204
LITTLE ROCK, ARKANSAS 72201
(501) 907-6223

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
BOWMAN ROAD STREET RECONSTRUCTION

COVER SHEET

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



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SHEET NO.	C1

PRICING OF ESTIMATED QUANTITIES		
CLR PROJECT 07-17-ST-357		
CHICOT ROAD RECONSTRUCTION		
ITEM #	ITEM DESCRIPTION	UNIT
2.01	SITE PREPARATION	LS
3.01	UNCLASSIFIED EXCAVATION	CY
3.06	BORROW MATERIAL	CY
3.40	TOPSOIL	CY
4.01	AGGREGATE BASE COURSE	CY
5.01	TACK COAT	GAL
6.01	ASPHALT SURFACE COURSE	TON
6.02	ASPHALT BINDER COURSE	TON
7.06	CONCRETE DRIVEWAY (6" THICK), STANDARD FINISH	SF
7.18	CONCRETE DRIVEWAY (8" THICK), STANDARD FINISH	SF
7.06	ASPHALT DRIVEWAY (2" THICK)	SF
7.08	GRAVEL DRIVEWAY (8" THICK)	SF
8.03	CONCRETE CURB AND GUTTER (CLASS 3)	LF
9.04	CONCRETE SIDEWALK (4" THICK)	SF
10.01	JUNCTION BOX - 5' BOX	EA
10.02	GRATE INLET	EA
10.04	CURB INLET - 5' BOX	EA
10.07	WING 3' EXTENSION	EA
10.10	WING 6' EXTENSION	EA
11.01	REINFORCED CONCRETE PRECAST BOX CULVERT (4'X2')	LF
11.01	REINFORCED CONCRETE PRECAST BOX CULVERT (4'X3')	LF
11.01	REINFORCED CONCRETE PRECAST BOX CULVERT (6'X3')	LF
11.01	REINFORCED CONCRETE PRECAST BOX CULVERT (7'X4')	LF
11.05	REINFORCED CONCRETE PRECAST HEADWALL	CY
11.30	REINFORCED CONCRETE PRECAST 30DEG. BEND	EA
13.18C	STORM DRAIN PIPES, 18" (CROSS DRAIN)	LF
13.18S	STORM DRAIN PIPES, 18" (SIDE DRAIN)	LF
13.24C	STORM DRAIN PIPES, 24" (CROSS DRAIN)	LF
13.24S	STORM DRAIN PIPES, 24" (SIDE DRAIN)	LF
13.30S	STORM DRAIN PIPES, 30" (SIDE DRAIN)	LF
13.36C	STORM DRAIN PIPES, 36" (CROSS DRAIN)	LF
13.36S	STORM DRAIN PIPES, 36" (SIDE DRAIN)	LF
13.48S	STORM DRAIN PIPES, 42" (SIDE DRAIN)	LF
14.01	SOLID SODDING, BERMUDA	SY
16.01	MAINTENANCE OF TRAFFIC	LS
18.45	RIPRAP	CY
18.50	ACCESS RAMP	SF
19.01	FINAL CLEANUP	LS
24.01	CONSTRUCTION ENTRANCE (CO)	EA
24.02	CHECK DAM (CD)	CY
24.09	SEDIMENT BARRIER, BLOCK (SD4)	EA
24.11	SILT FENCE - TYPE A (SFA)	LF
24.14	STORM DRAIN OUTLET PROTECTION (ST)	EA
26.10	TRENCH & EXCAVATION SAFETY	LS
27.10	COLD MILLING ASPHALT PAVEMENT	SY
29.10	PROJECT INFORMATION KIOSK (PW-18)	EA
633	HAND RAILING	LF
801	UNCLASSIFIED EXCAVATION FOR STRUCTURES-BRIDGE	CY
802	CLASS S CONCRETE - BRIDGE	CY
802	25' PRECAST CONCRETE INTERIOR UNITS	EA
802	25' PRECAST CONCRETE CURB UNITS	EA
802	25' PRECAST CONCRETE NARROW BACK UNITS	EA
804	REINFORCING STEEL - BRIDGE (GRADE 60)	LB
805	CONCRETE PILING (16" SQUARE)	LF
821	MODIFICATION OF EXISTING BRIDGE STRUCTURE	LS

EXISTING

- IRON ROD ○ IR
- PK NAIL ○ PK
- R.R. SPIKE ○ RR(Sp)
- CONC. MONUMENT □ CM
- WATER VALVE ⊗ WV
- WATER METER □ WM
- FIRE HYDRANT ○ FH
- GAS METER ⊗ GM
- GAS VALVE ⊗ GV
- CLEAN-OUT ○ CO
- GUARD POST (BOLLARD) ● GP
- SIGN POST —
- BENCHMARK —
- STORM SEWER MANHOLE (D)
- SANITARY SEWER MANHOLE (S)
- TELEPHONE MANHOLE (T)
- ELECTRIC MANHOLE (E)
- TELEPHONE BOX [T]
- ELECTRIC BOX [E]
- CABLE BOX [C]
- UTILITY POLE —
- GUY WIRE —
- LIGHT POLE —
- POST OR POLE (TYPE AS NOTED) —
- MAILBOX [M]
- DECIDUOUS TREE (Tree symbol)
- EVERGREEN/CONIFEROUS TREE (Starburst symbol)
- BUSH (Cloud symbol)
- PROPERTY LINE —
- SETBACK LINE —
- EASEMENT LINE —
- CURB —
- FENCE —
- OVERHEAD ELECTRIC —
- OVERHEAD TELEPHONE —
- OVERHEAD CABLE —
- UNDERGROUND TELEPHONE —
- UNDERGROUND ELECTRIC —
- UNDERGROUND CABLE —
- WATER LINE —
- SEWER LINE —
- GAS LINE —
- STORM SEWER/CULVERT —
- EDGE OF WOODS —
- CONTOUR LINE —

PROPOSED

- PROPOSED CONTOUR (25)
- PROPOSED SPOT ELEVATION (25.00)
- PROPOSED SPOT CURB ELEVATION (25.50, 25.00)
- STORM SEWER - PIPE
- STORM SEWER - MITERED END SECTION
- STORM SEWER - GRATE INLET
- STORM SEWER - JUNCTION BOX
- STORM SEWER - FLARED END SECTION
- STORM SEWER - HEADWALL
- STORM SEWER - SINGLE WING
- STORM SEWER - DOUBLE WING
- STORM SEWER - AREA INLET
- GRADE BREAK LINE
- HIGH POINT (HP)
- LOW POINT (LP)
- CUT LINE (C)
- FILL LINE (F)
- SANITARY SEWER PIPE (SAN)
- SANITARY SEWER MANHOLE (S)
- PROPOSED CURB
- PROPOSED CONCRETE
- CONSTRUCTION - ENTRANCE/EXIT (CO)
- CHECK DAM (CD)
- DIVERSION BERM (DI)
- DOWNDRAIN STRUCTURE - TEMPORARY (DN)
- ROCK DAM (RD)
- SEDIMENT BARRIER - SILT FENCE (SD1)
- SEDIMENT BARRIER - GRAVEL RING (SD2)
- SEDIMENT BARRIER - BLOCK & GRAVEL (SD3)
- SEDIMENT BARRIER - BLOCK (SD4)
- TEMPORARY SEDIMENT BASIN (SB1)
- SILT FENCE - TYPE A (SFA)
- SILT FENCE - TYPE B (SFB)
- SILT FENCE - TYPE C (SFC)
- STORM DRAIN OUTLET PROTECTION (ST)
- SURFACE ROUGHENING (SU)
- DISTURBED AREA STABILIZATION - TEMPORARY STABILIZATION (TS1)
- DISTURBED AREA STABILIZATION - TEMPORARY GRASSING (TS2)
- DISTURBED AREA STABILIZATION - PERMANENT GRASSING (TS3)
- MATTING/BLANKETS (Mb)

REVISIONS	DATE

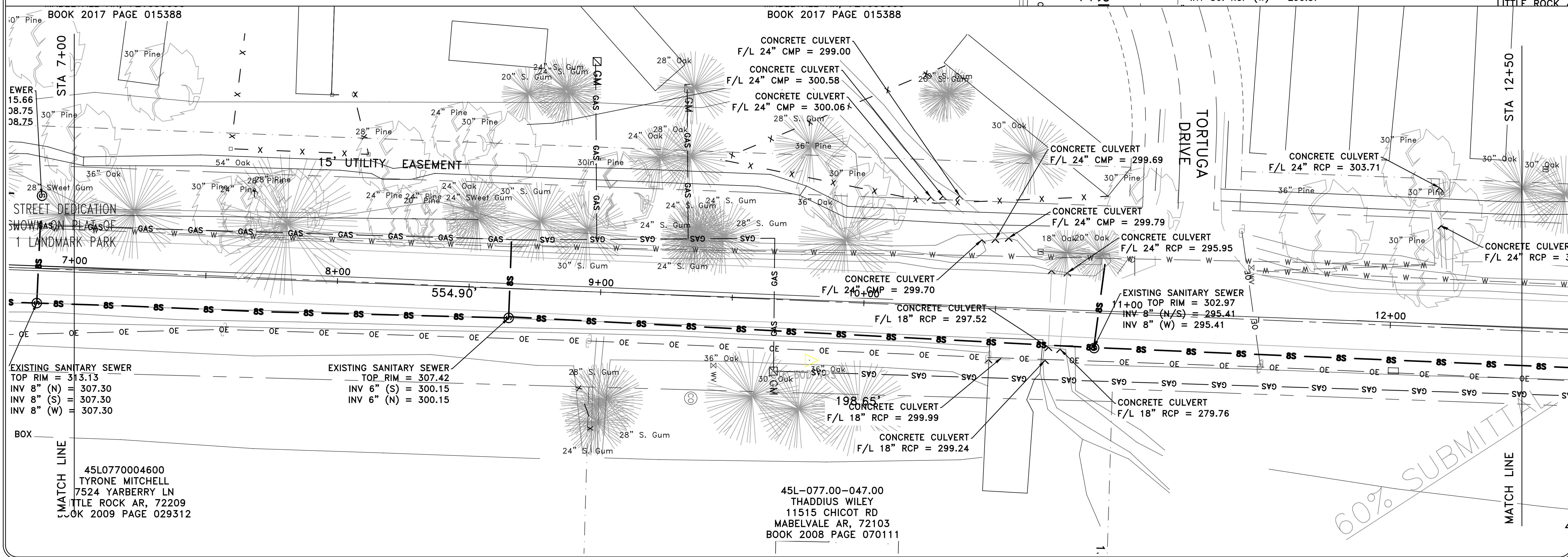
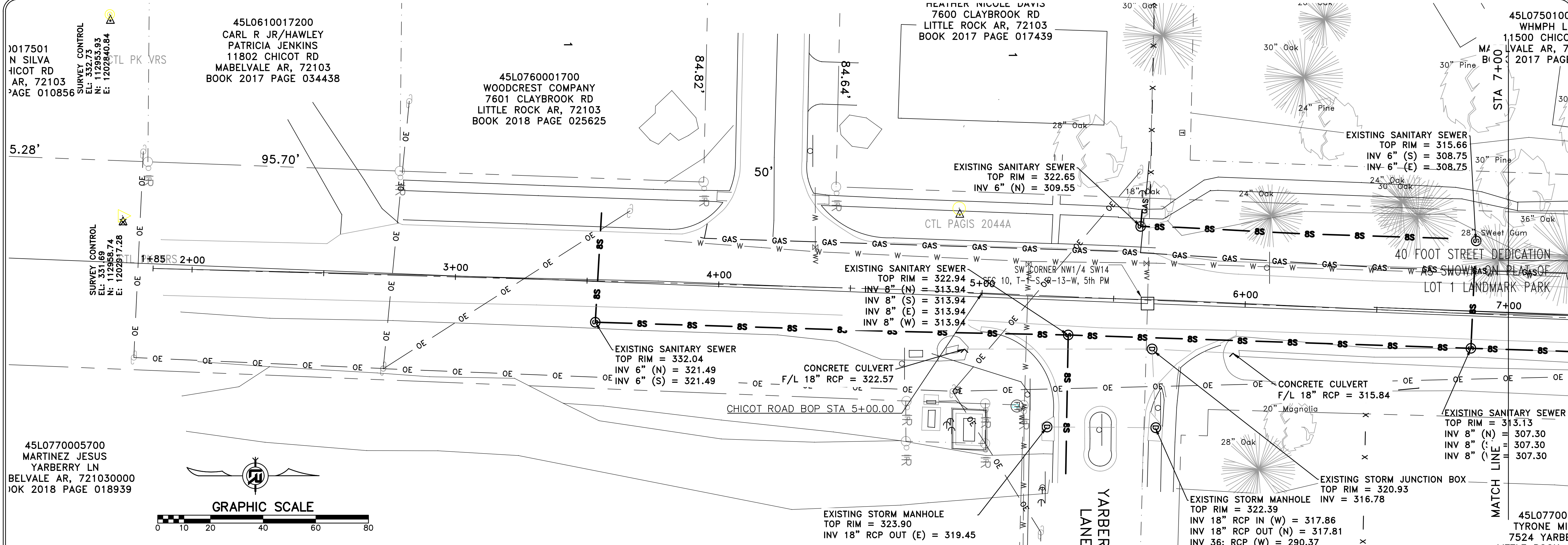
CITY OF LITTLE ROCK, ARKANSAS
 CHICOT ROAD RECONSTRUCTION
 GENERAL NOTES, LEGEND AND QUANTITIES

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

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PROJECT NO. CLR 07-17-ST-357
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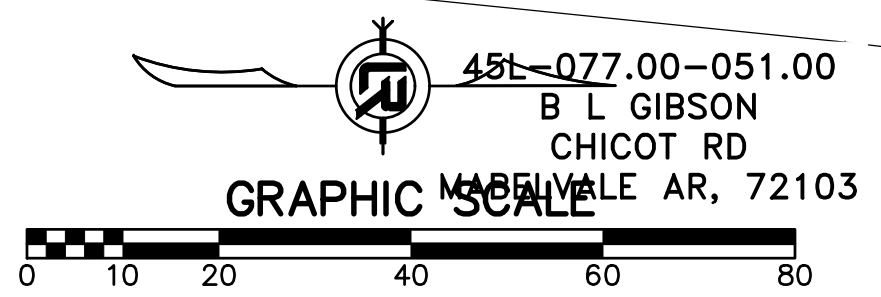
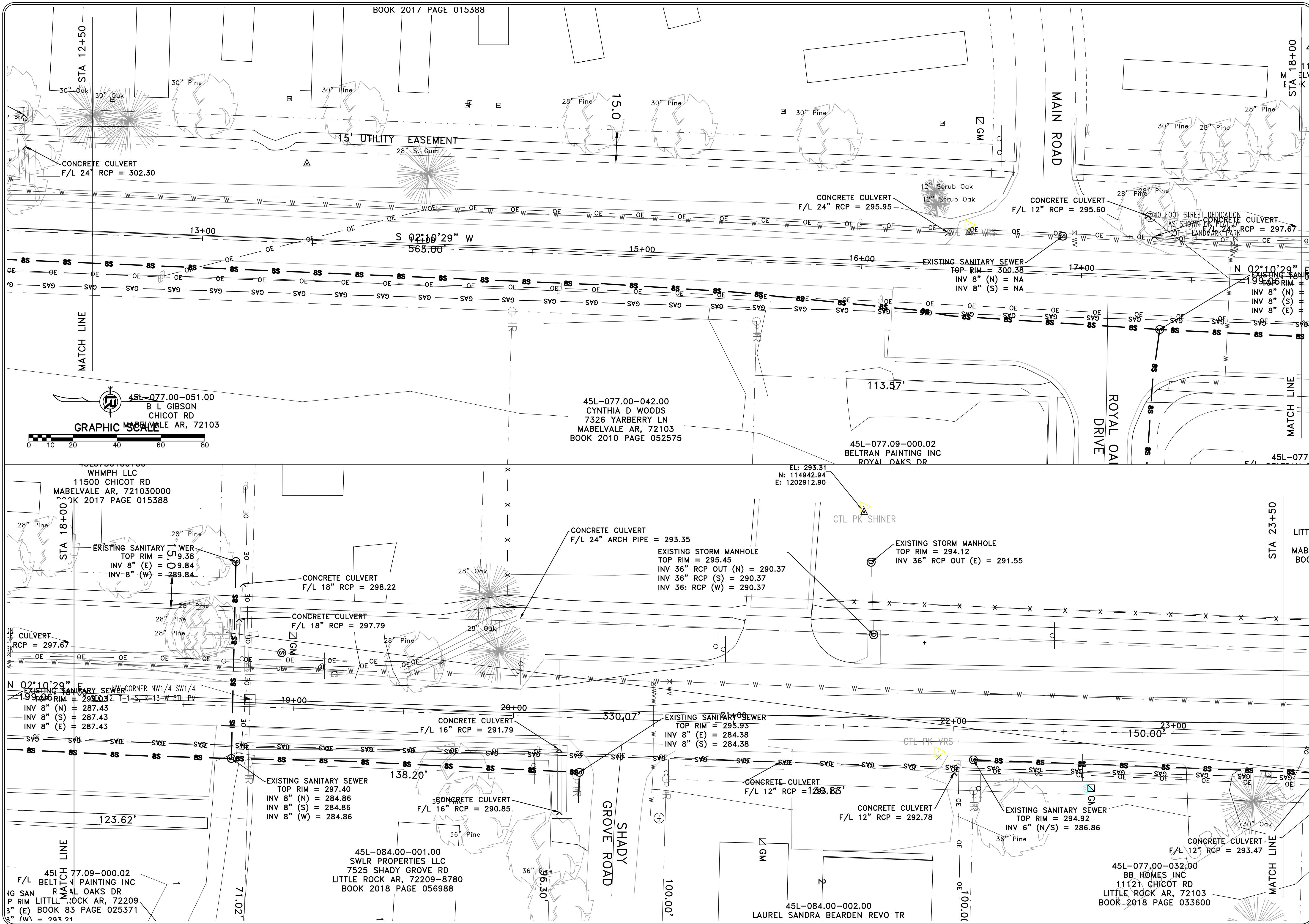
CITY OF LITTLE ROCK, ARKANSAS
CHICOT ROAD RECONSTRUCTION
EXISTING CONDITIONS (1)

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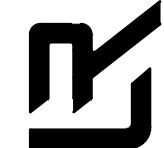
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PROJECT NO.
CLR 07-17-ST-357
SHEET NO.
C3

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CITY OF LITTLE ROCK, ARKANSAS
 CHICOT ROAD RECONSTRUCTION
 EXISTING CONDITIONS (2)

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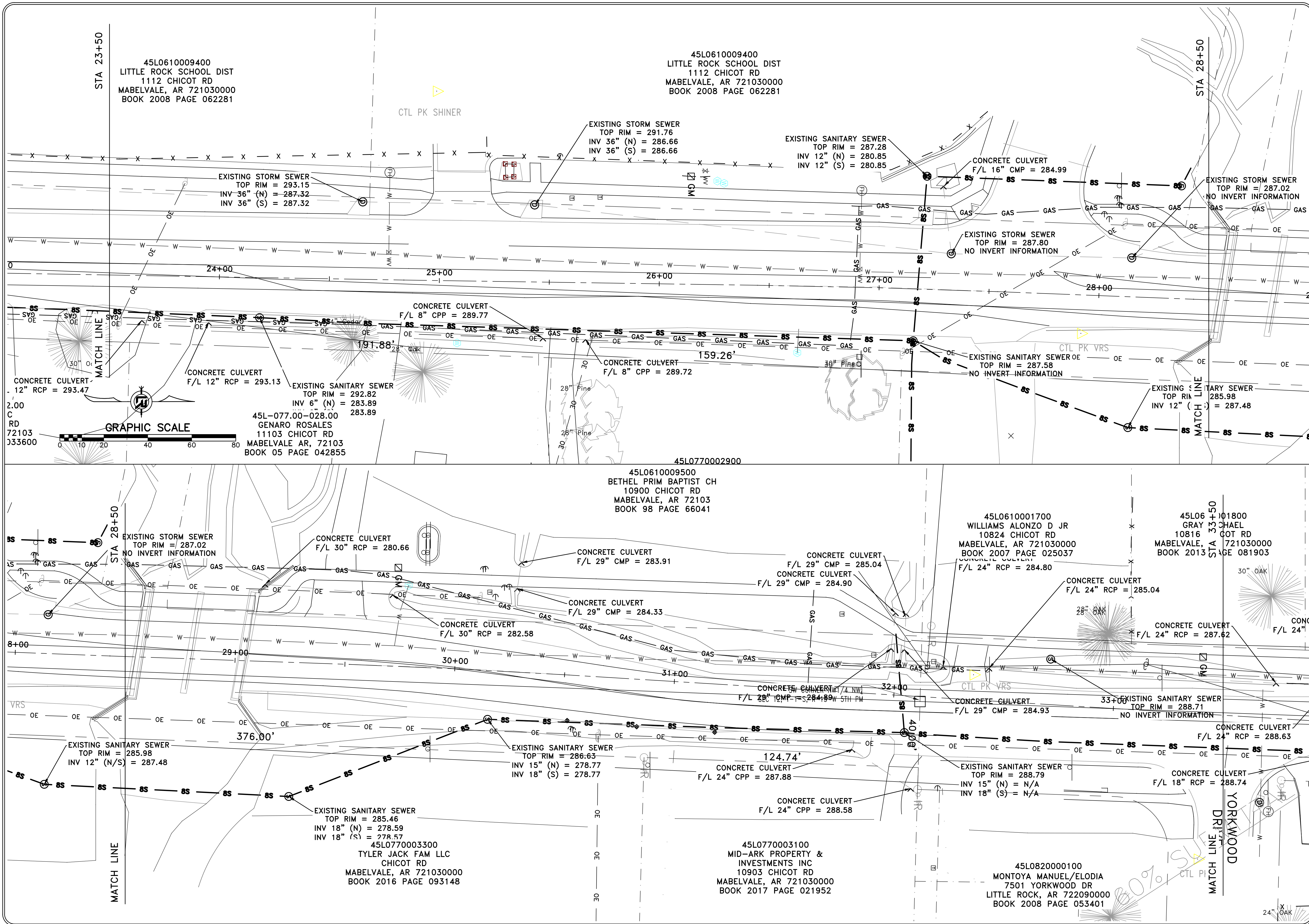
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 CHICOT ROAD RECONSTRUCTION
 EXISTING CONDITIONS (3)

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 LITTLE ROCK, ARKANSAS 72201

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 SCALE
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 PROJECT NO.
 CLR 07-17-ST-357
 SHEET NO.
 C5



45L0610009400
 LITTLE ROCK SCHOOL DIST
 1112 CHICOT RD
 MABELVALE, AR 721030000
 BOOK 2008 PAGE 062281

45L0610009400
 LITTLE ROCK SCHOOL DIST
 1112 CHICOT RD
 MABELVALE, AR 721030000
 BOOK 2008 PAGE 062281

EXISTING STORM SEWER
 TOP RIM = 293.15
 INV 36" (N) = 287.32
 INV 36" (S) = 287.32

EXISTING STORM SEWER
 TOP RIM = 291.76
 INV 36" (N) = 286.66
 INV 36" (S) = 286.66

EXISTING SANITARY SEWER
 TOP RIM = 287.28
 INV 12" (N) = 280.85
 INV 12" (S) = 280.85

CONCRETE CULVERT
 F/L 16" CMP = 284.99

EXISTING STORM SEWER
 TOP RIM = 287.02
 NO INVERT INFORMATION

EXISTING STORM SEWER
 TOP RIM = 287.80
 NO INVERT INFORMATION

CTL PK SHINER

STA 28+50

STA 23+50

24+00

25+00

26+00

27+00

28+00

CONCRETE CULVERT
 F/L 8" CPP = 289.77

CONCRETE CULVERT
 F/L 8" CPP = 289.72

EXISTING SANITARY SEWER
 TOP RIM = 287.58
 NO INVERT INFORMATION

EXISTING SANITARY SEWER
 TOP RIM = 285.98
 INV 12" (S) = 287.48

CONCRETE CULVERT
 F/L 12" RCP = 293.13

EXISTING SANITARY SEWER
 TOP RIM = 292.82
 INV 6" (N) = 283.89
 INV 6" (S) = 283.89

45L-077.00-028.00
 GENARO ROSALES
 11103 CHICOT RD
 MABELVALE, AR, 72103
 BOOK 05 PAGE 042855

GRAPHIC SCALE

45L0770002900

45L0610009500
 BETHEL PRIM BAPTIST CH
 10900 CHICOT RD
 MABELVALE, AR 72103
 BOOK 98 PAGE 66041

45L0610001700
 WILLIAMS ALONZO D JR
 10824 CHICOT RD
 MABELVALE, AR 721030000
 BOOK 2007 PAGE 025037

45L061001800
 GRAY CHAEL
 10816 CHICOT RD
 MABELVALE, AR 721030000
 BOOK 2013 PAGE 081903

STA 28+50

MATCH LINE

STA 28+50

STA 28+50

STA 28+50

STA 28+50

EXISTING STORM SEWER
 TOP RIM = 287.02
 NO INVERT INFORMATION

CONCRETE CULVERT
 F/L 30" RCP = 280.66

CONCRETE CULVERT
 F/L 29" CMP = 283.91

CONCRETE CULVERT
 F/L 29" CMP = 285.04

CONCRETE CULVERT
 F/L 24" RCP = 284.80

CONCRETE CULVERT
 F/L 24" RCP = 285.04

CONCRETE CULVERT
 F/L 24" RCP = 287.62

CONCRETE CULVERT
 F/L 29" CMP = 284.33

CONCRETE CULVERT
 F/L 30" RCP = 282.58

CONCRETE CULVERT
 F/L 29" CMP = 284.90

CONCRETE CULVERT
 F/L 24" RCP = 284.93

CONCRETE CULVERT
 F/L 29" CMP = 284.93

EXISTING SANITARY SEWER
 TOP RIM = 288.71
 NO INVERT INFORMATION

CONCRETE CULVERT
 F/L 24" RCP = 288.63

EXISTING SANITARY SEWER
 TOP RIM = 285.98
 INV 12" (N/S) = 287.48

EXISTING SANITARY SEWER
 TOP RIM = 286.63
 INV 15" (N) = 278.77
 INV 18" (S) = 278.77

CONCRETE CULVERT
 F/L 24" CPP = 287.88

EXISTING SANITARY SEWER
 TOP RIM = 288.79
 INV 15" (N) = N/A
 INV 18" (S) = N/A

CONCRETE CULVERT
 F/L 18" RCP = 288.74

EXISTING SANITARY SEWER
 TOP RIM = 285.46
 INV 18" (N) = 278.59
 INV 18" (S) = 278.57

45L0770003300
 TYLER JACK FAM LLC
 CHICOT RD
 MABELVALE, AR 721030000
 BOOK 2016 PAGE 093148

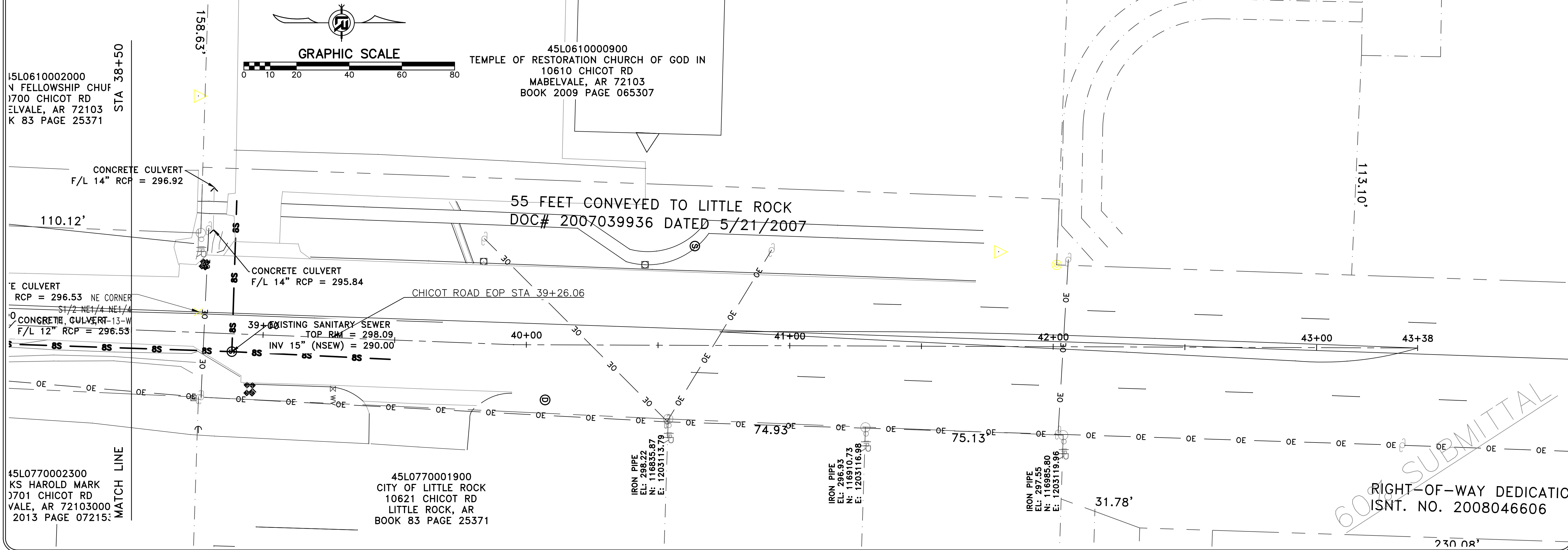
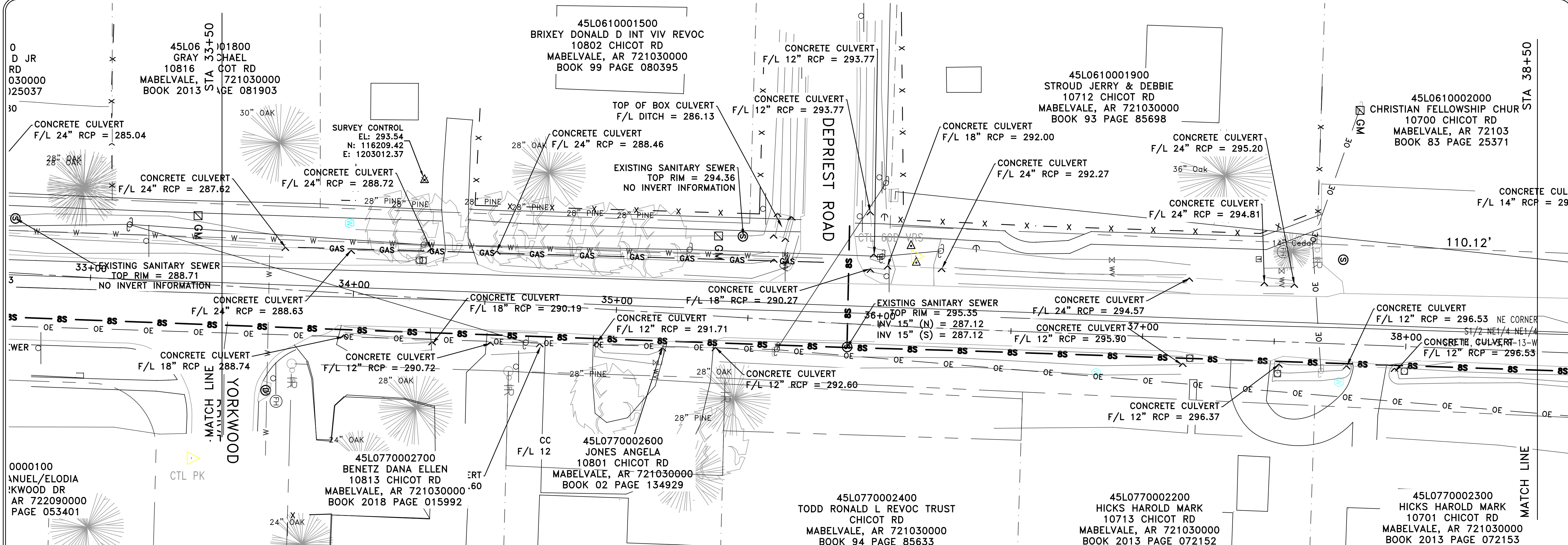
45L0770003100
 MID-ARK PROPERTY &
 INVESTMENTS INC
 10903 CHICOT RD
 MABELVALE, AR 721030000
 BOOK 2017 PAGE 021952

45L0820000100
 MONTOYA MANUEL/ELODIA
 7501 YORKWOOD DR
 LITTLE ROCK, AR 722090000
 BOOK 2008 PAGE 053401

YORKWOOD
 DRIVE

MATCH LINE

STA 33+50



REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 CHICOT ROAD RECONSTRUCTION
 EXISTING CONDITIONS (4)

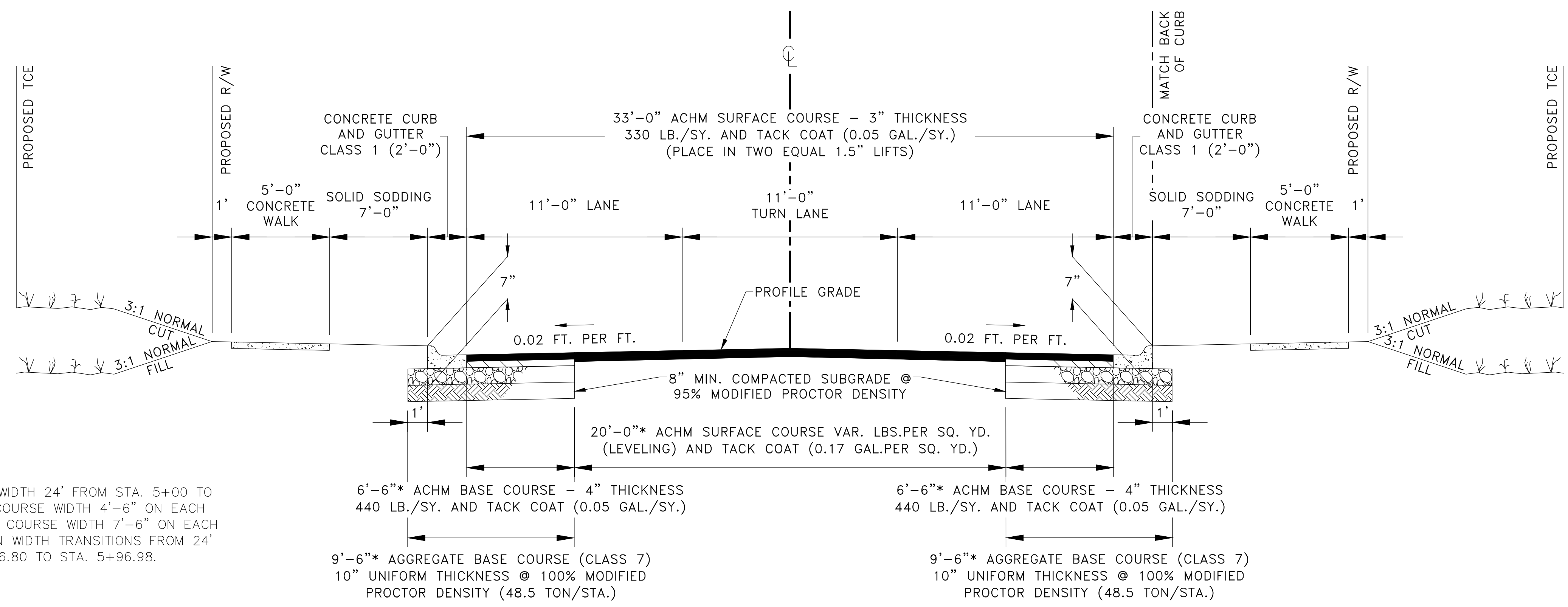
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 CLR 07-17-ST-357
 SHEET NO.
 C6

RIGHT-OF-WAY DEDICATION
 INSTR. NO. 2008046606

REVISIONS	DATE

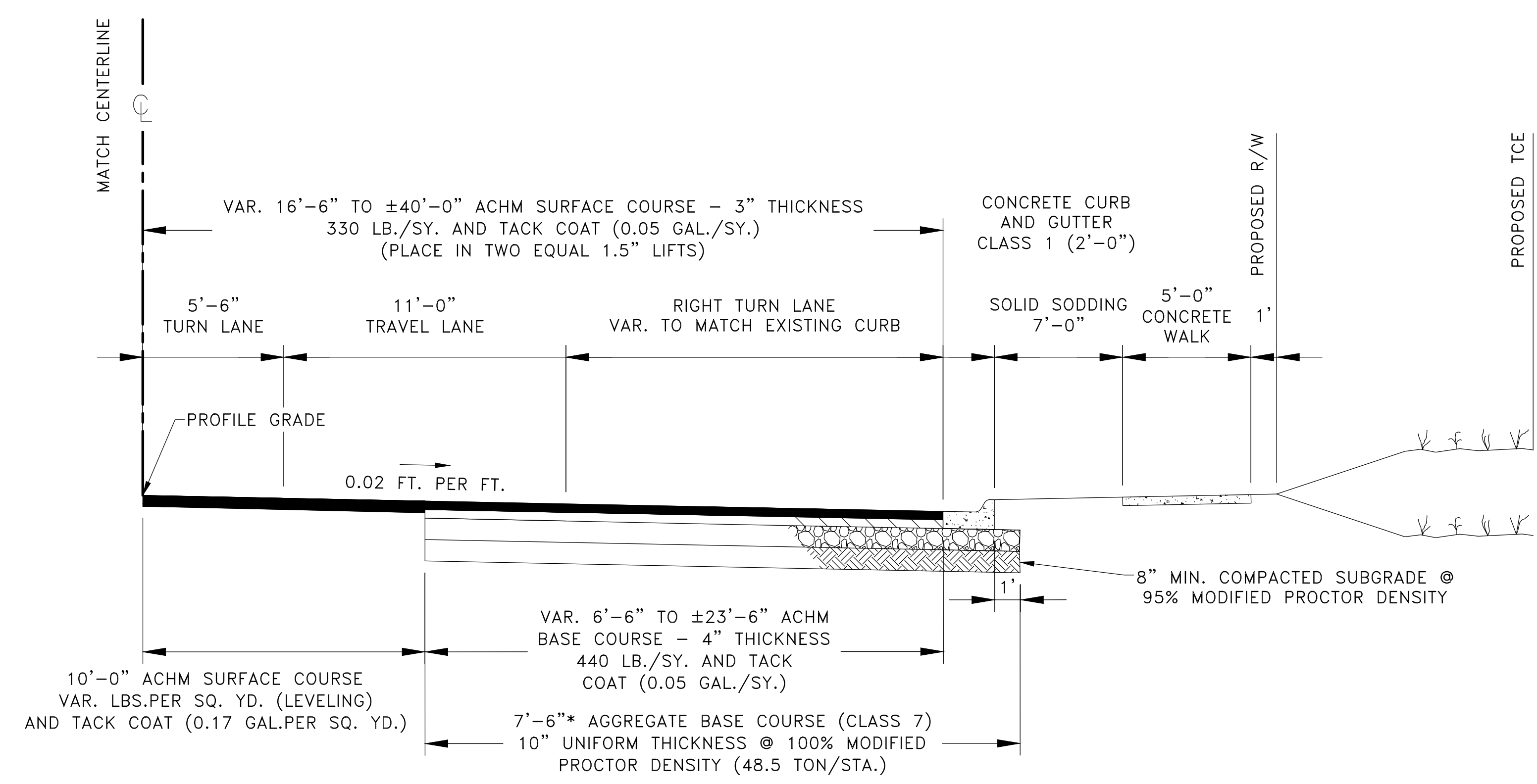


NOTES:
 * NOTCH AND WIDEN WIDTH 24' FROM STA. 5+00 TO 5+76.80. ACHM BASE COURSE WIDTH 4'-6" ON EACH SIDE; AGGREGATE BASE COURSE WIDTH 7'-6" ON EACH SIDE. NOTCH AND WIDEN WIDTH TRANSITIONS FROM 24' TO 20' FROM STA. 5+76.80 TO STA. 5+96.98.

TYPICAL SECTION-CHICOT ROAD

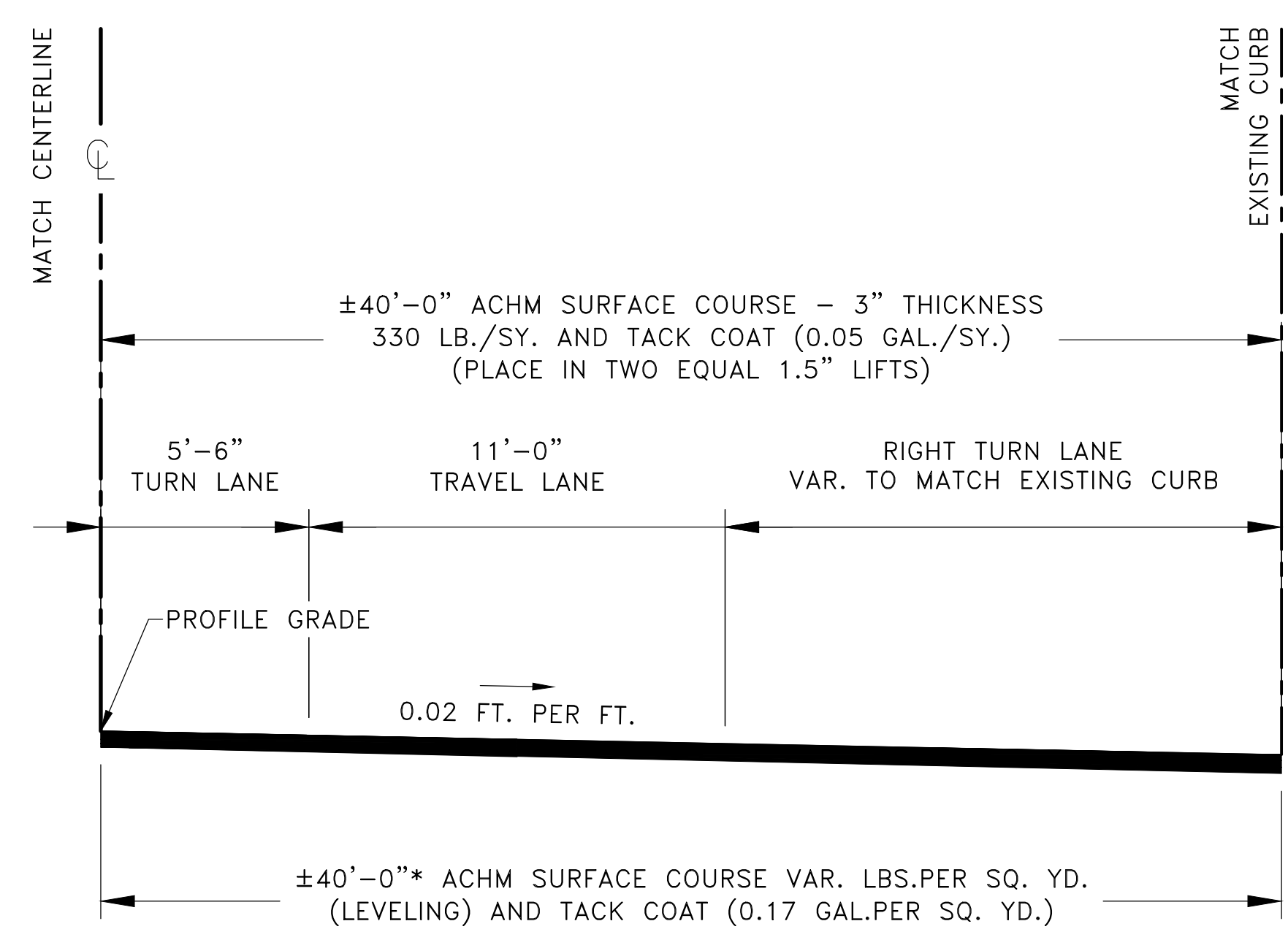
STA 5+00 TO STA. 15+56.97

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TYPICAL SECTION-CHICOT ROAD

STA 15+56.97 TO STA. 16+14.81

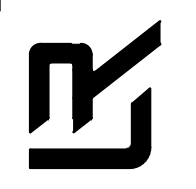


TYPICAL SECTION -CHICOT ROAD

STA 16+14.81 TO STA. 17+53.77

CITY OF LITTLE ROCK, ARKANSAS
BOWMAN ROAD STREET RECONSTRUCTION
 TYPICAL SECTIONS (1)

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



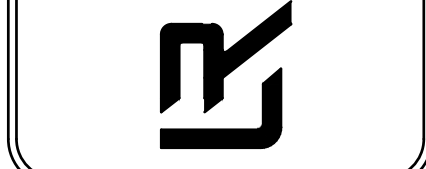
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SHEET NO.	C7

REVISIONS	DATE

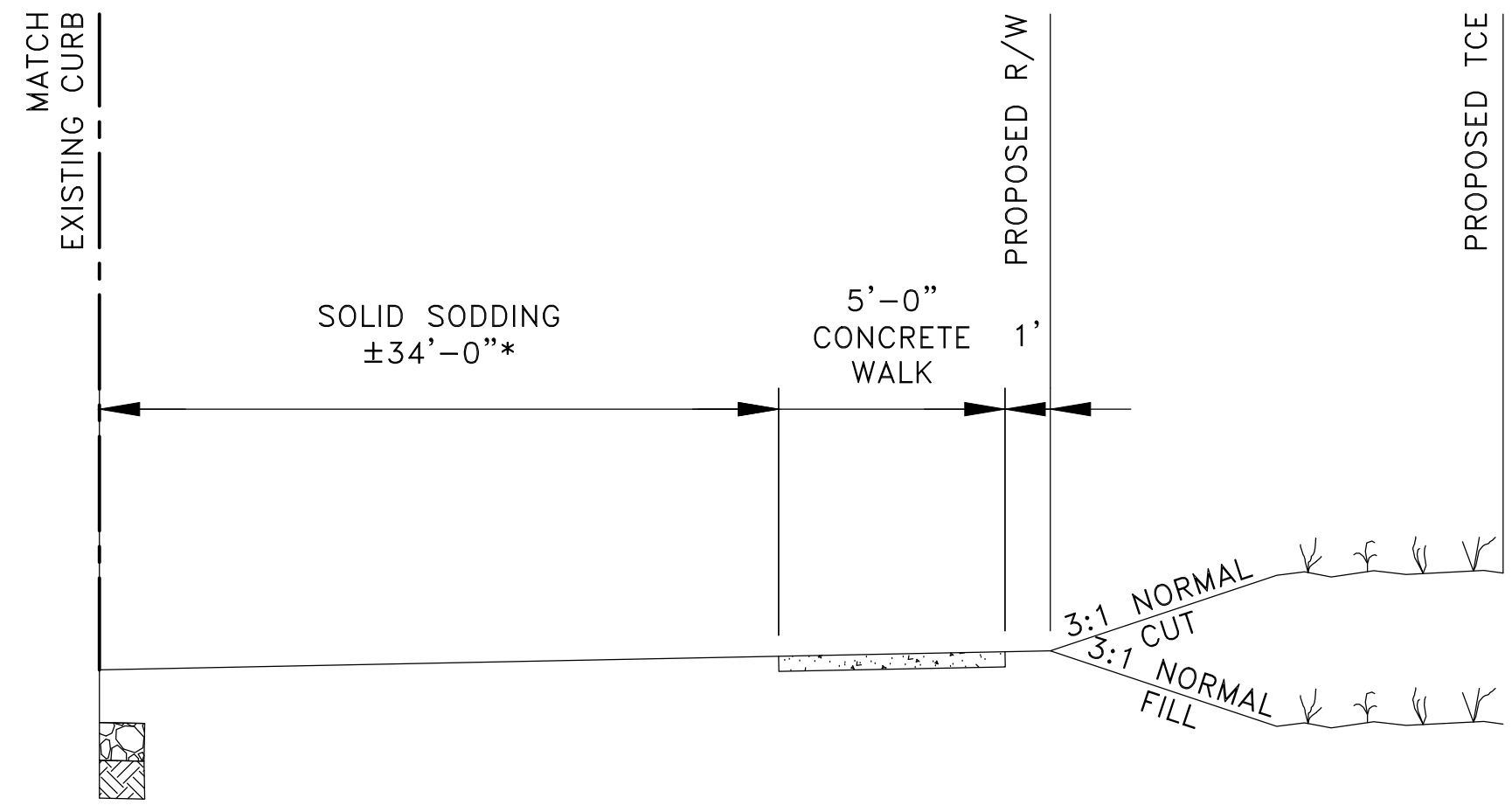
CITY OF LITTLE ROCK, ARKANSAS
 BOWMAN ROAD STREET RECONSTRUCTION
 TYPICAL SECTIONS (2)

DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
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 LITTLE ROCK, ARKANSAS 72201

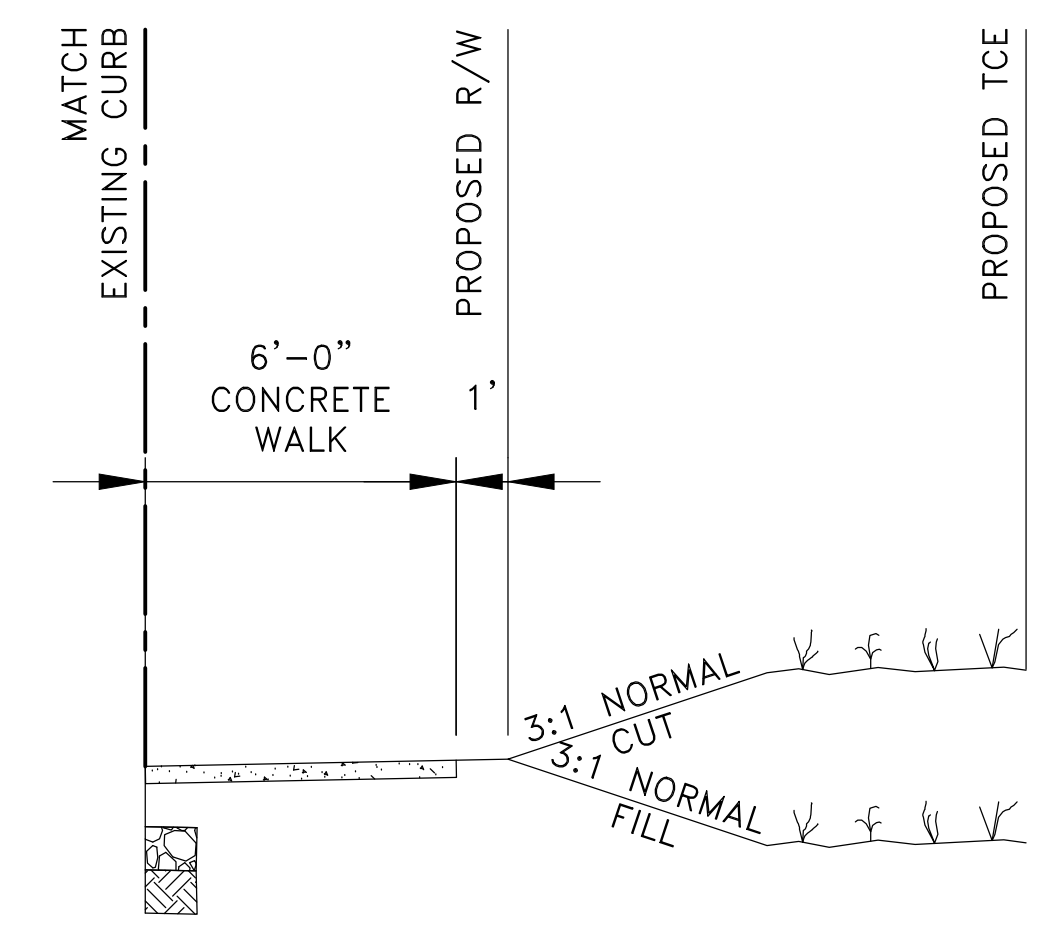


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SCALE N.T.S.
PROJECT NO. CLR 07-17-ST-357
SHEET NO. C8



NOTES:
 * BEGINS TO TRANSITION FROM 34' TO 0'
 FROM STA. 18+62.46 TO STA. 19+16.37



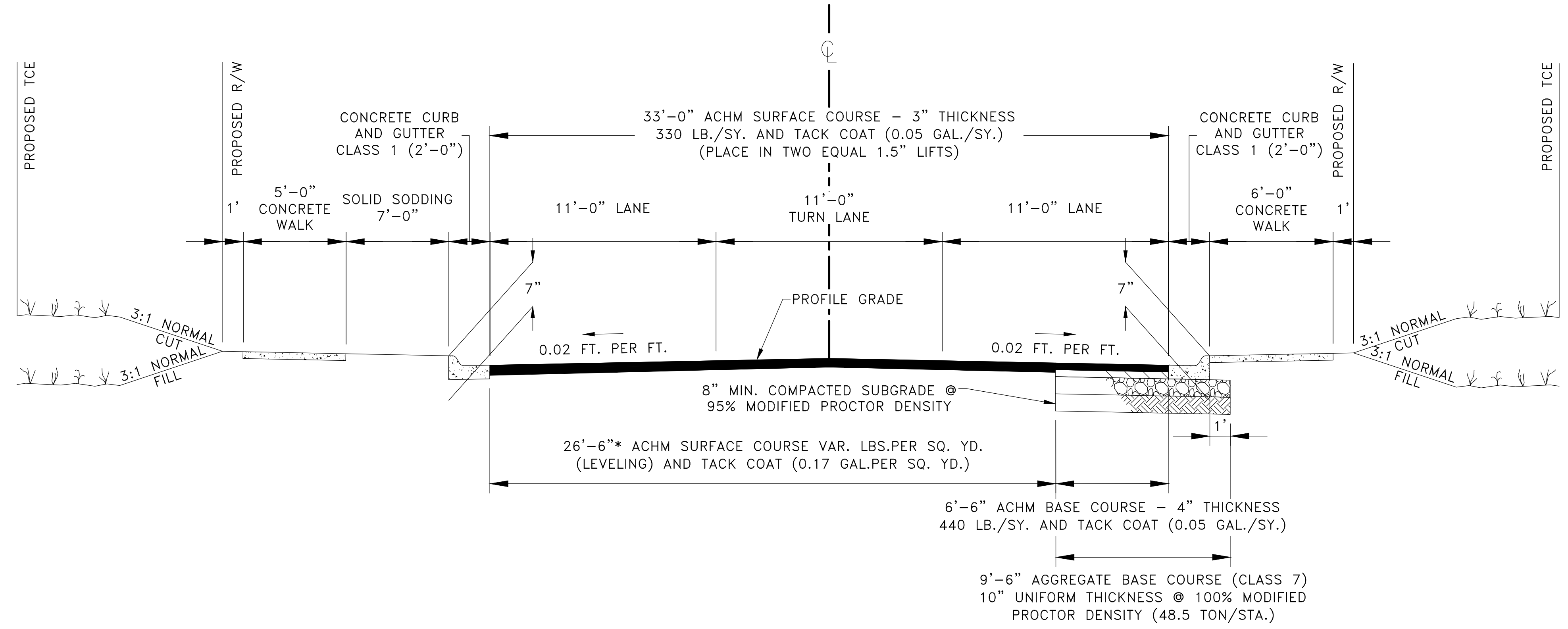
NOTES:
 * BEGINS TO TRANSITION FROM 34' TO 0'
 FROM STA. 18+62.46 TO STA. 19+16.37

TYPICAL SECTION-CHICOT ROAD

STA 17+53.77 TO STA. 19+16.37

TYPICAL SECTION-CHICOT ROAD

STA 20+02.58 TO STA. 20+06.78

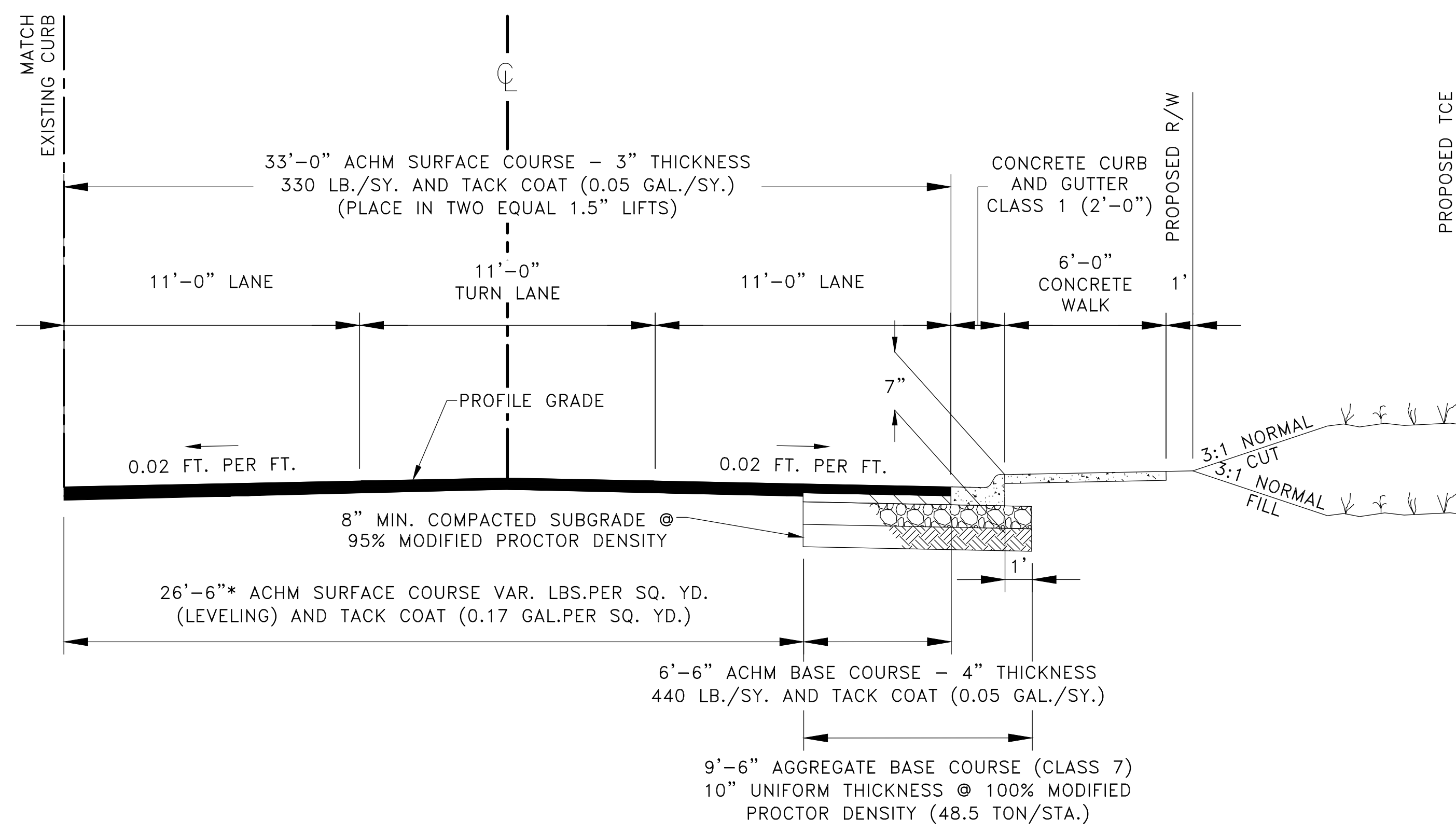


TYPICAL SECTION-CHICOT ROAD

STA 20+06.78 TO STA. 20+99.38

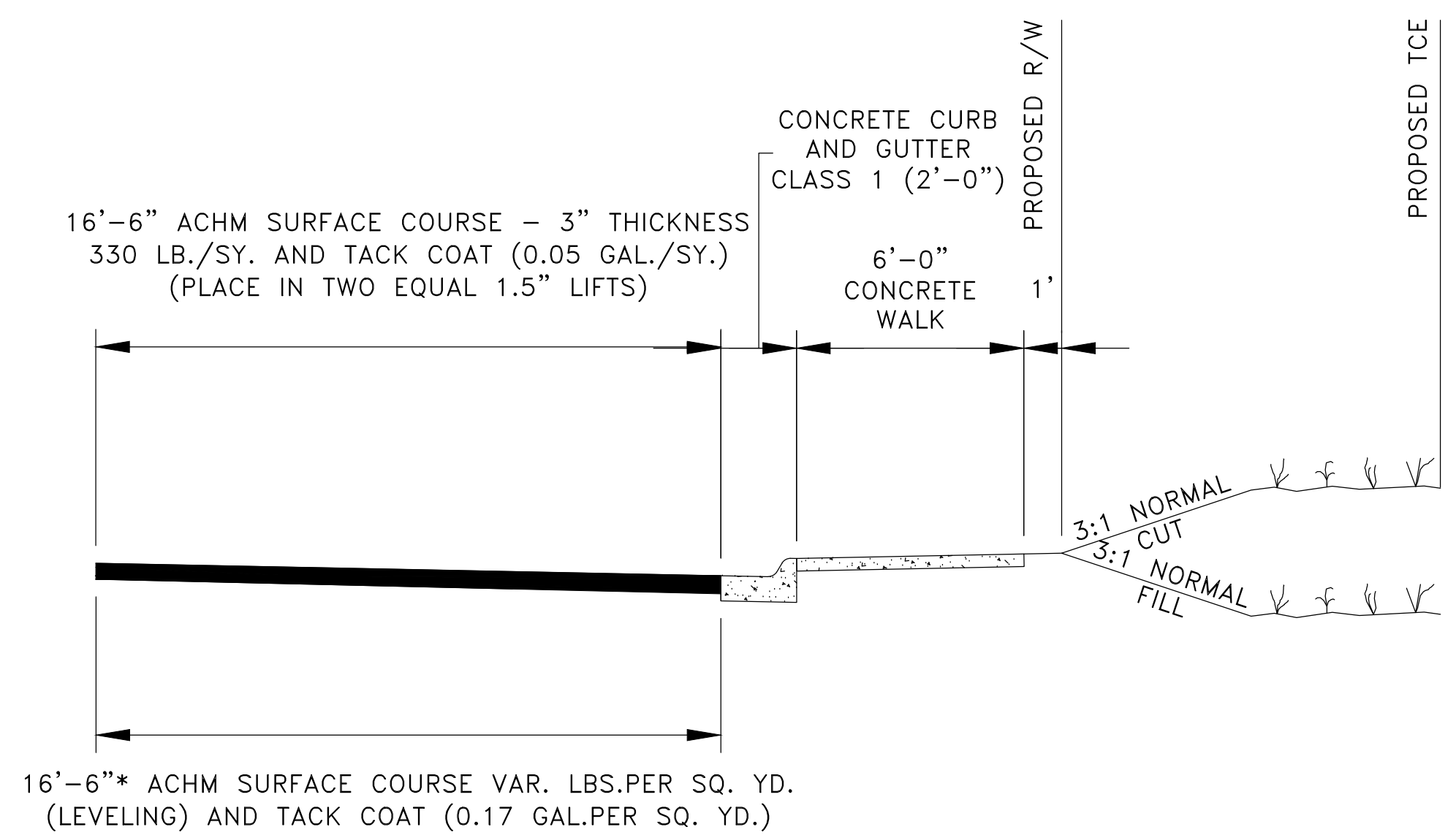
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TYPICAL SECTION-CHICOT ROAD

STA 20+99.38 TO STA. 24+64.21; STA. 27+42.6 TO STA. 28+55.12



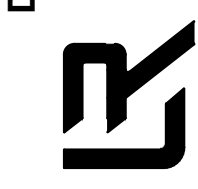
TYPICAL SECTION-CHICOT ROAD

STA. 24+64.21 TO STA. 27+42.6

CITY OF LITTLE ROCK, ARKANSAS
BOWMAN ROAD STREET RECONSTRUCTION

TYPICAL SECTIONS (3)

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



SEAL

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DESIGNED COF
CHECKED BOL
DATE 6-28-2019
SCALE N.T.S.
PROJECT NO. CLR 07-17-ST-357
SHEET NO. C9

60% SUBMITTAL

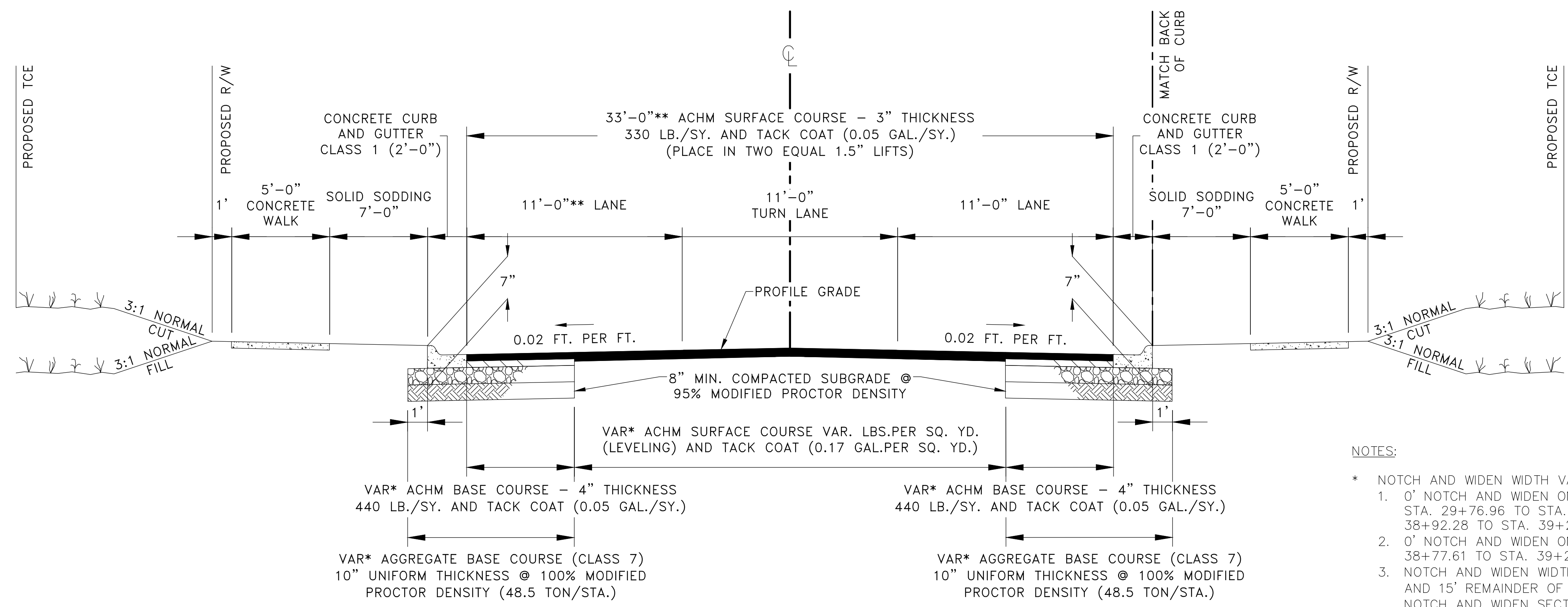
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 BOWMAN ROAD STREET RECONSTRUCTION
 TYPICAL SECTIONS (4)

DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
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 DATE
 6-28-2019
 SCALE
 N.T.S.
 PROJECT NO.
 CLR 07-17-ST-357
 SHEET NO.
 C10

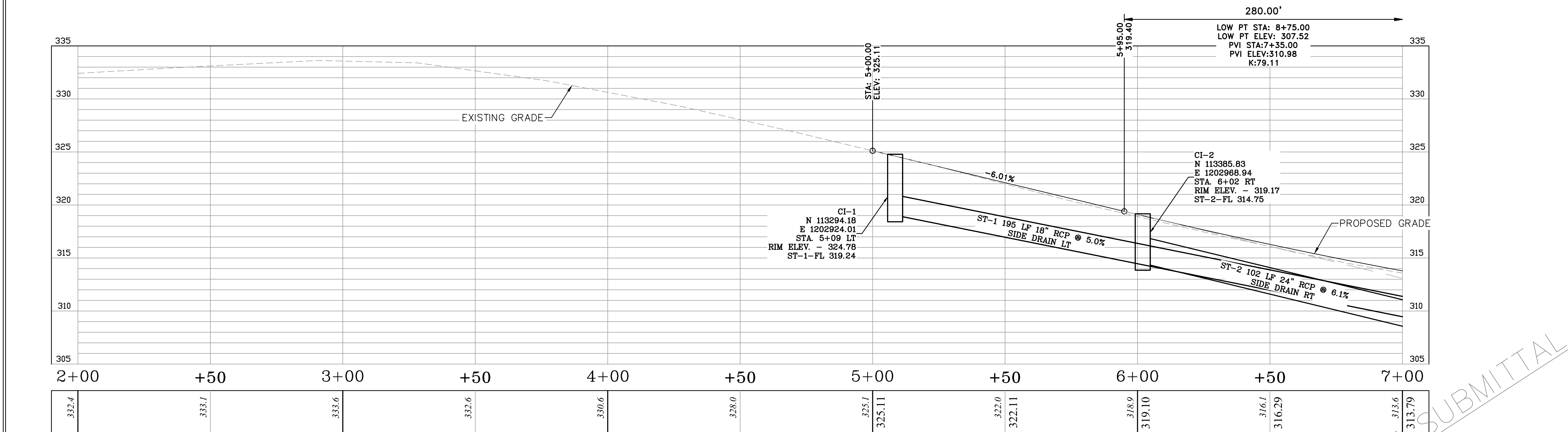
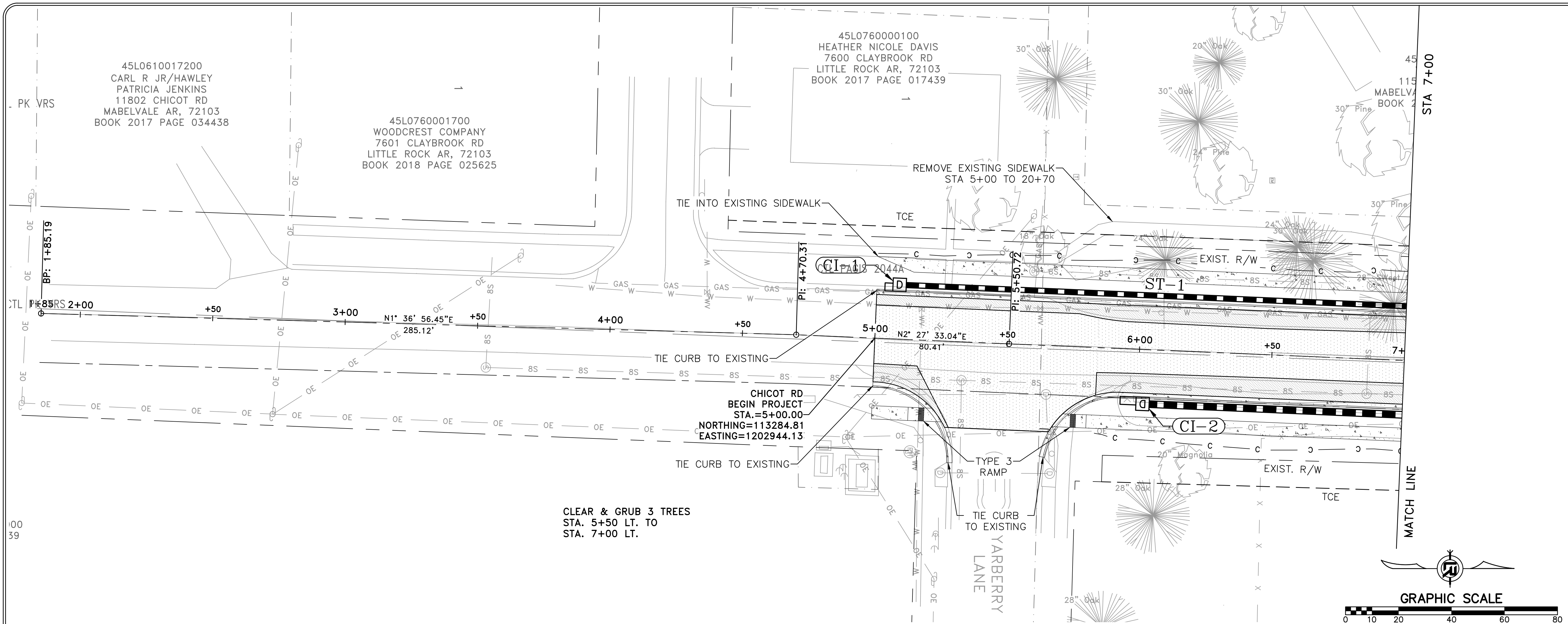


TYPICAL SECTION-CHICOT ROAD
 STA 35+13.63 TO STA. 39+25.00

NOTES:

- * NOTCH AND WIDEN WIDTH VARIES.
 - 0' NOTCH AND WIDEN ON RIGHT SIDE FROM STA. 29+76.96 TO STA. 33+78.03 AND STA. 38+92.28 TO STA. 39+25.00
 - 0' NOTCH AND WIDEN ON LEFT SIDE FROM STA. 38+77.61 TO STA. 39+25.00.
 - NOTCH AND WIDEN WIDTH VARIES BETWEEN 4' AND 15' REMAINDER OF SECTION. IN 4' TO 15' NOTCH AND WIDEN SECTION SAW-CUT 1' INSIDE OF EDGE OF EXISTING PAVEMENT FOR NOTCH AND WIDEN LIMITS.
- ** FROM STA. 35+13.63 TO 39+25.00 THE LEFT SIDE TRAVEL LANE WIDTH TRANSITIONS FROM 11' TO 22'-6" AND THE ASPHALT SECTION WIDTH TRANSITIONS FROM 33' TO 44'-6".

60% SUBMITTAL



CHICOT RD

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 CHICOT ROAD RECONSTRUCTION
 PLAN AND PROFILE SHEET (1)

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

SEAL

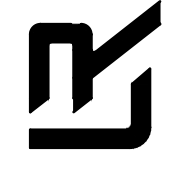
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 CLR 07-17-ST-357
 SHEET NO.
 C11

60% SUBMITTAL

REVISIONS	DATE

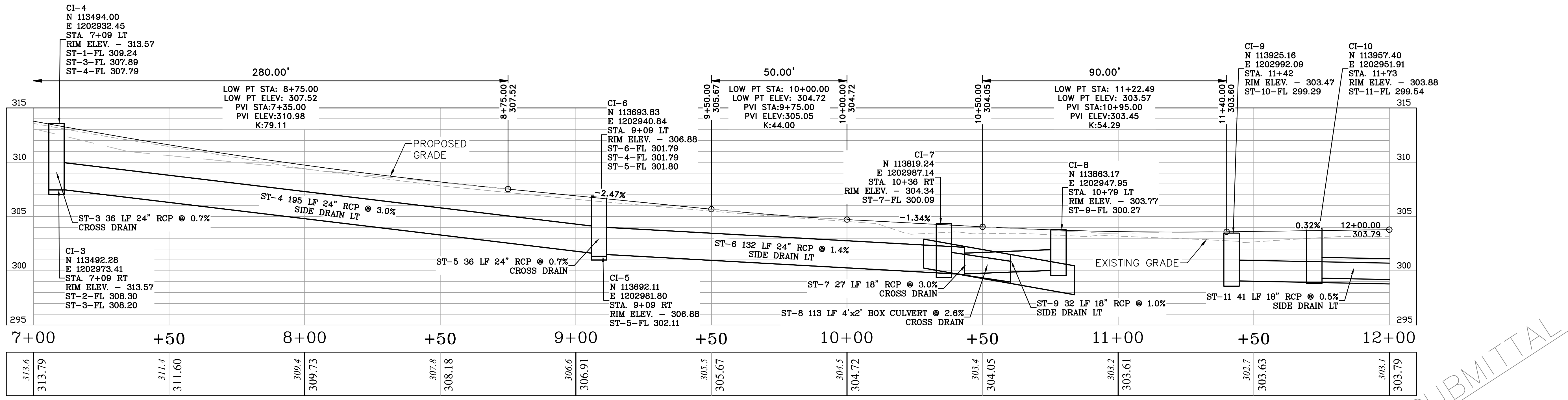
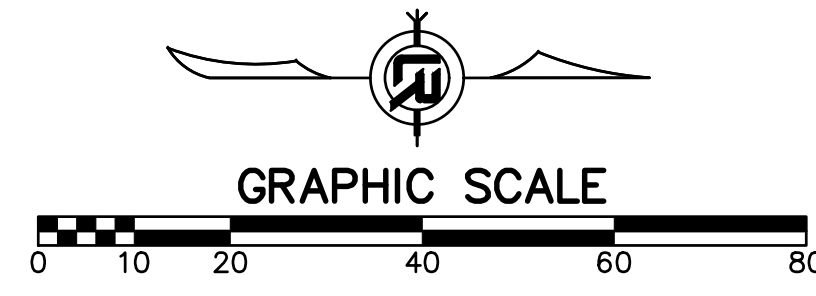
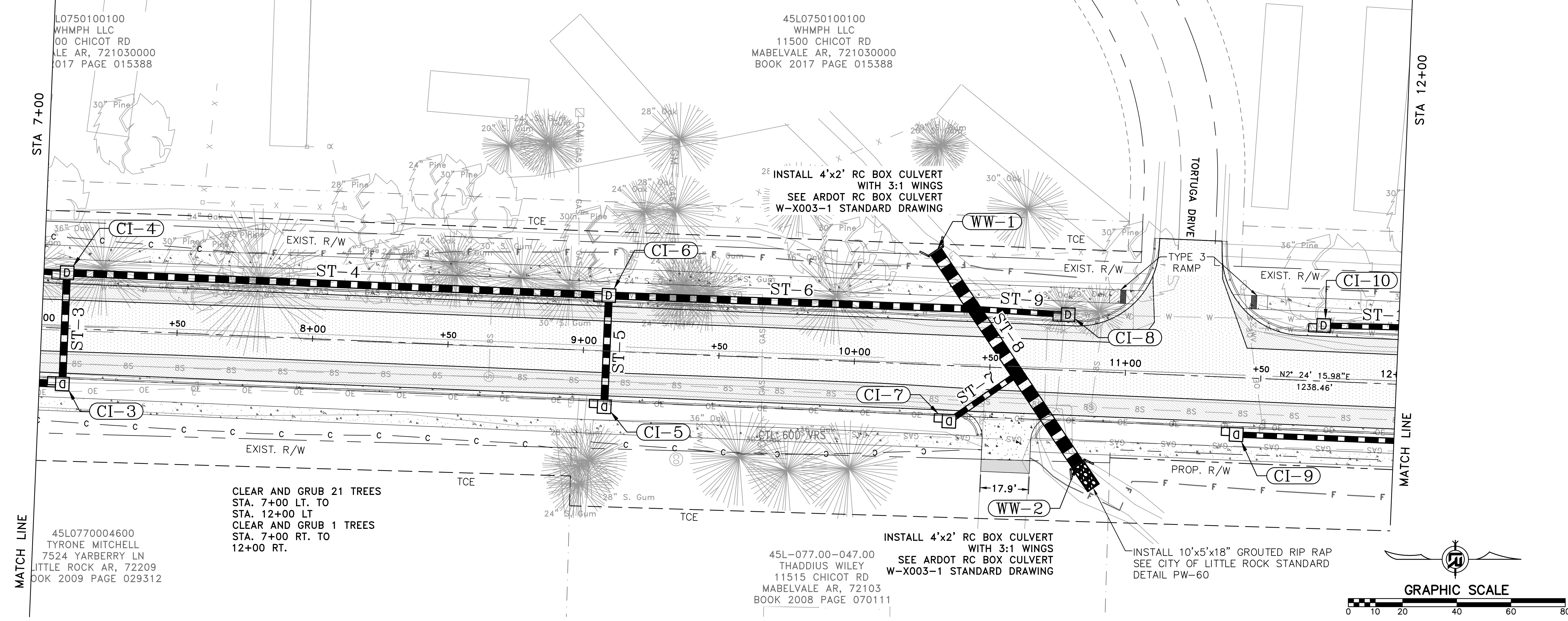
CITY OF LITTLE ROCK, ARKANSAS
 CHICOT ROAD RECONSTRUCTION
 PLAN AND PROFILE SHEET (2)

DEPARTMENT OF PUBLIC WORKS
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SEAL

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CHECKED BOL
DATE 6-28-2019
SCALE 1" = 20'
PROJECT NO. CLR 07-17-ST-357
SHEET NO. C12



CHICOT RD

60% SUBMITTAL

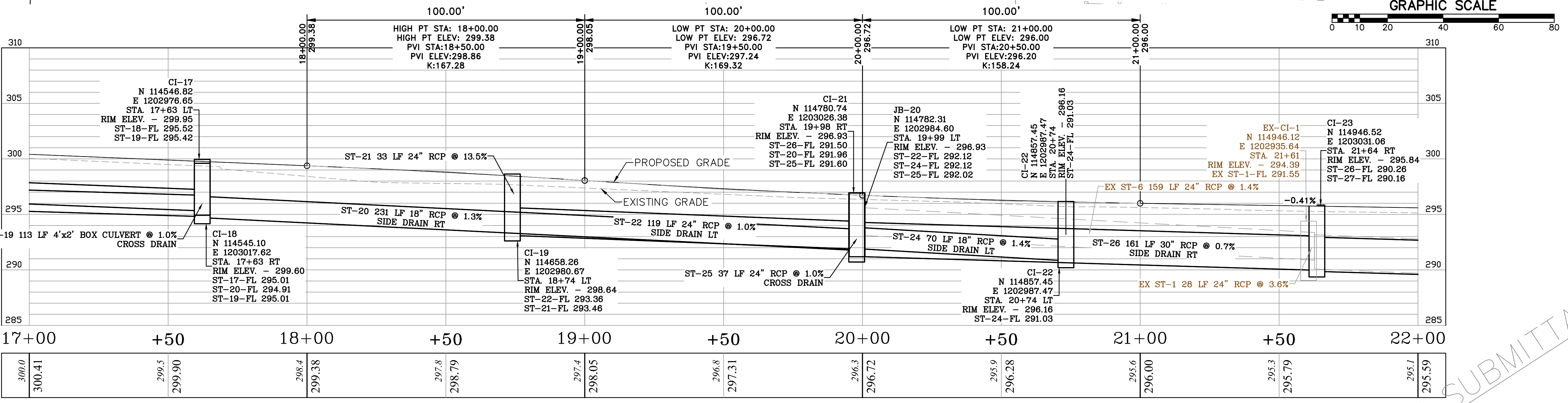
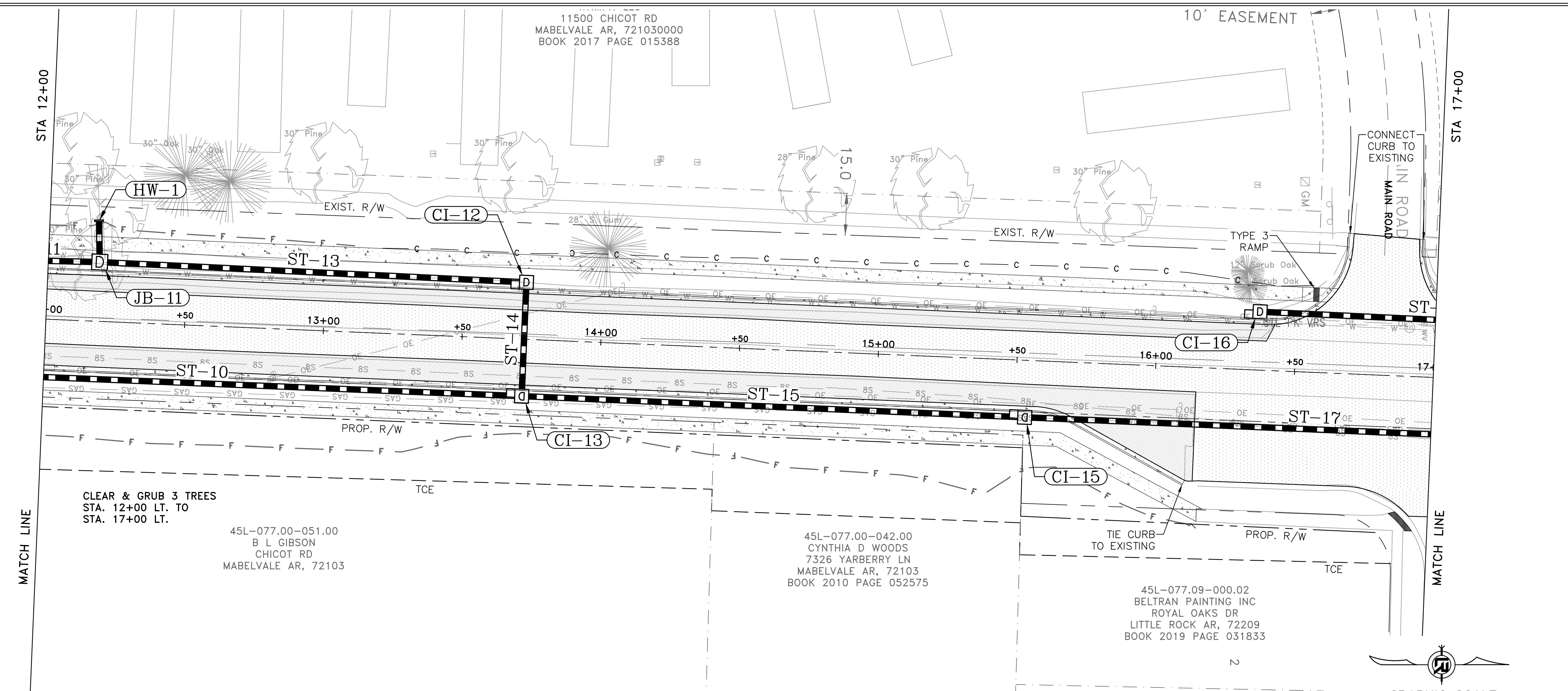
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 CHICOT ROAD RECONSTRUCTION
 PLAN AND PROFILE SHEET (3)

DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
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 LITTLE ROCK, ARKANSAS 72201

SEAL

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 BOL
 DATE
 6-28-2019
 SCALE
 1" = 20'
 PROJECT NO.
 CLR 07-17-ST-357
 SHEET NO.
 C13



CHICOT RD

60% SUBMITTAL

REVISIONS	DATE

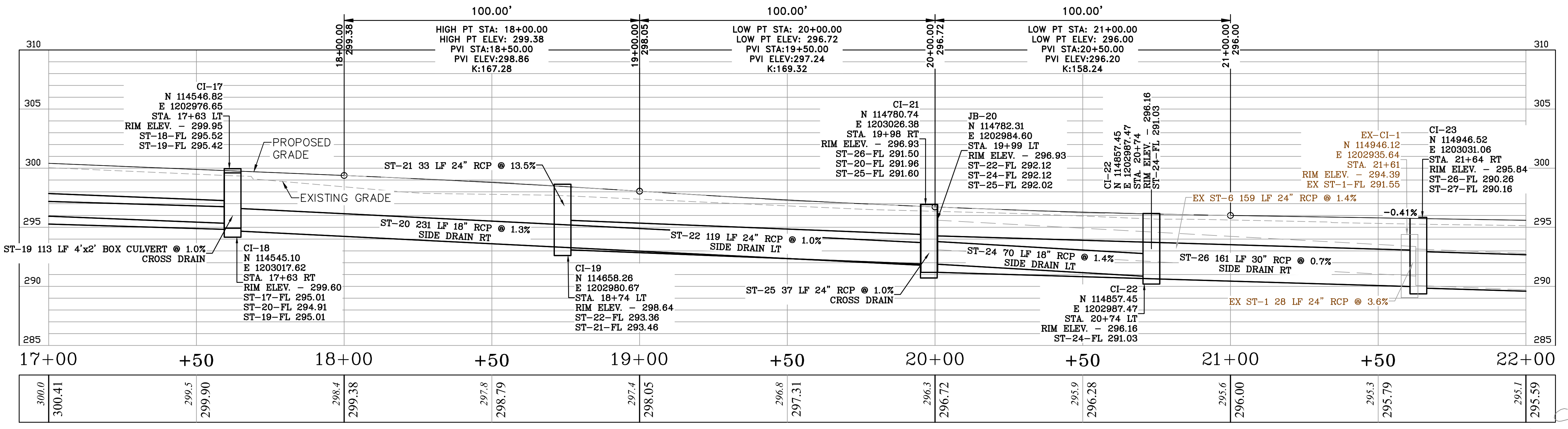
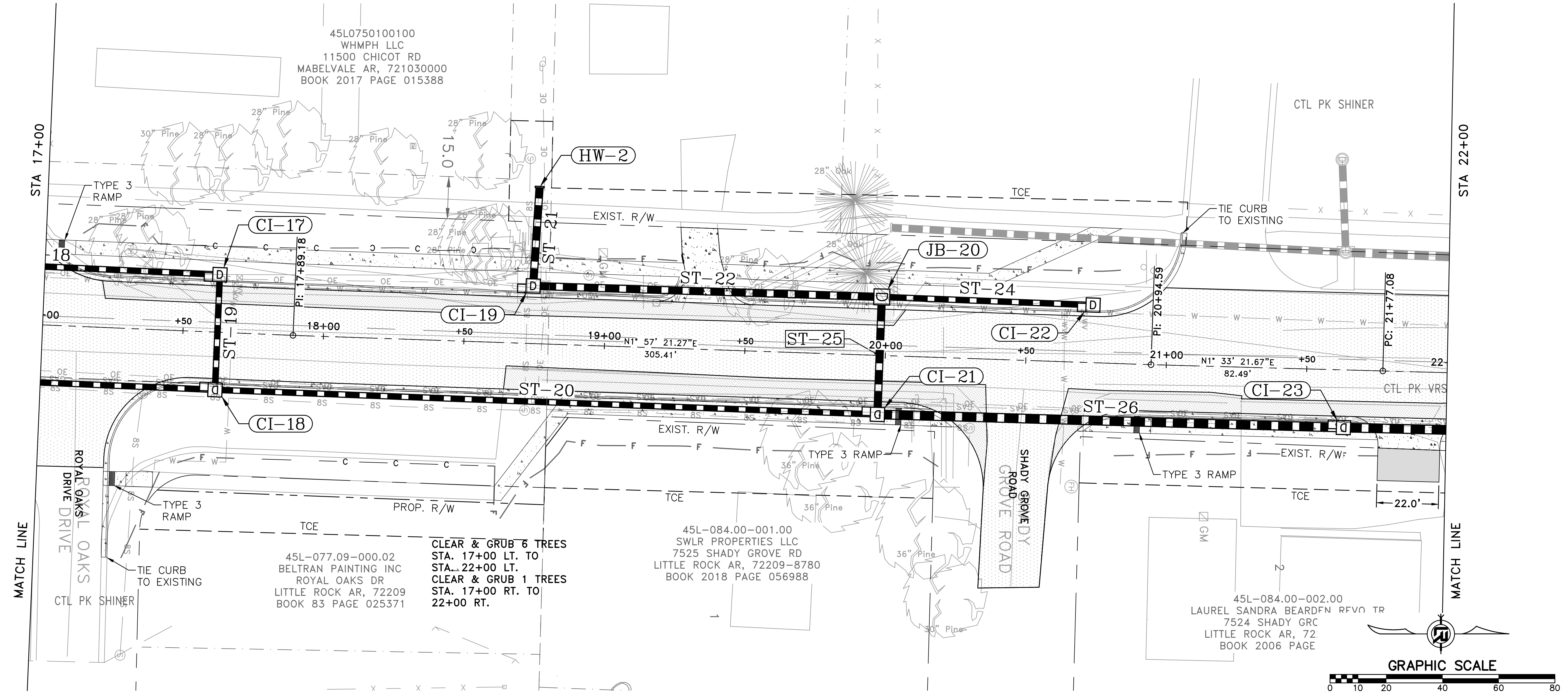
CITY OF LITTLE ROCK, ARKANSAS
 CHICOT ROAD RECONSTRUCTION
 PLAN AND PROFILE SHEET (4)

DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
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 DATE
 6-28-2019
 SCALE
 1" = 20'
 PROJECT NO.
 CLR 07-17-ST-357
 SHEET NO.
 C14



CHICOT RD

60% SUBMITTAL

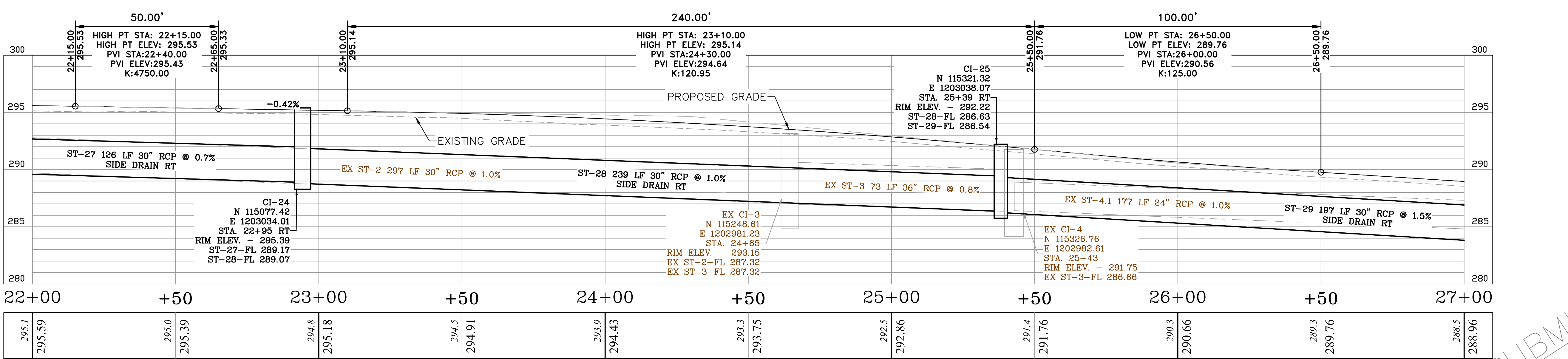
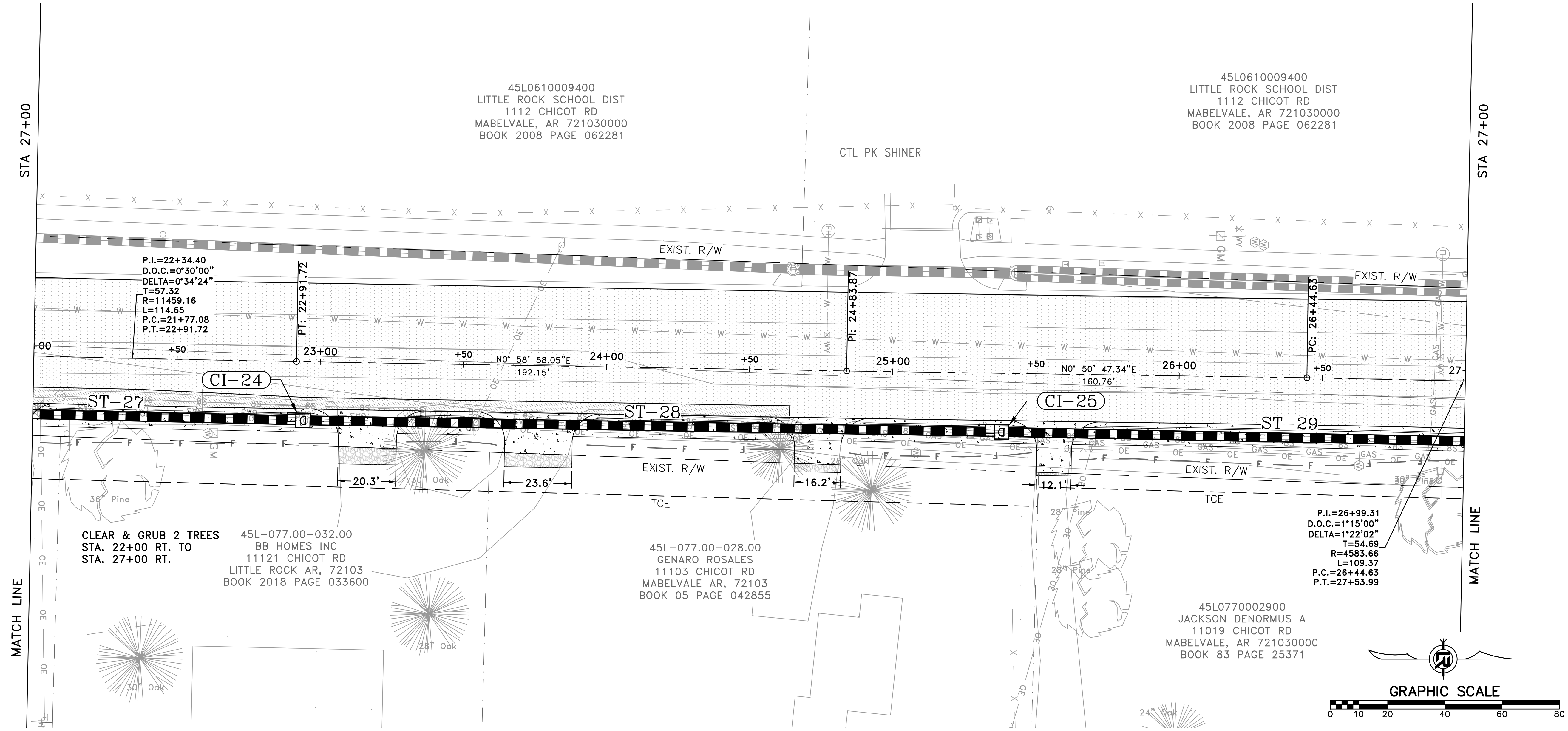
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 CHICOT ROAD RECONSTRUCTION
 PLAN AND PROFILE SHEET (5)

DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
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SEAL

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 BOL
 DATE
 6-28-2019
 SCALE
 1" = 20'
 PROJECT NO.
 CLR 07-17-ST-357
 SHEET NO.
C15



CHICOT RD

60% SUBMITTAL

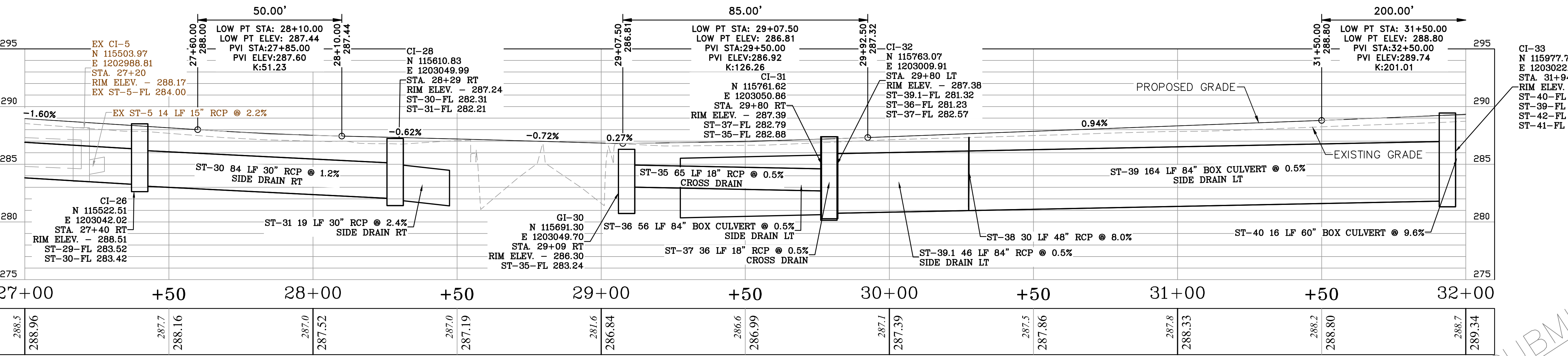
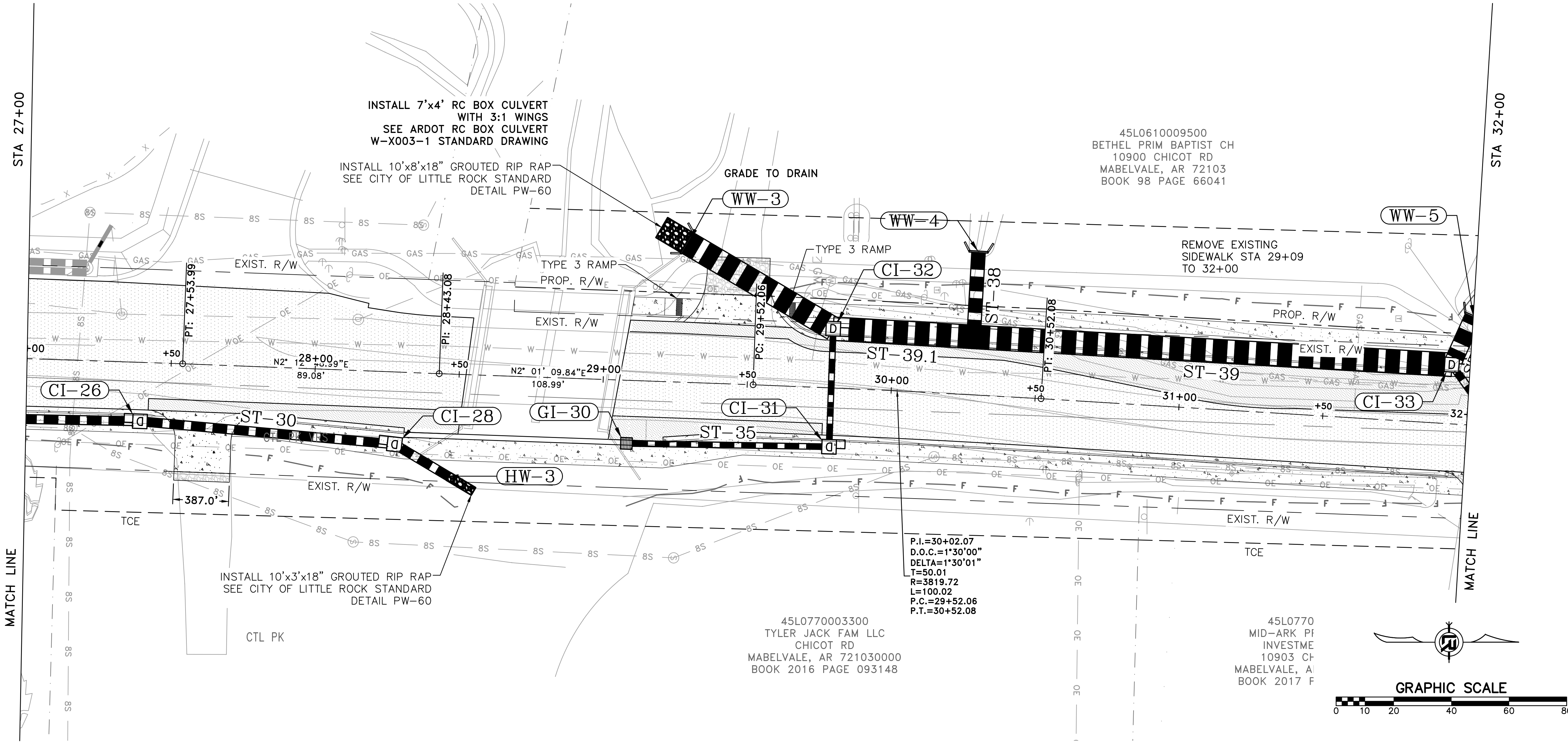
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 CHICOT ROAD RECONSTRUCTION
 PLAN AND PROFILE SHEET (6)

DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
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SEAL

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 CHECKED
 BOL
 DATE
 6-28-2019
 SCALE
 1" = 20'
 PROJECT NO.
 CLR 07-17-ST-357
 SHEET NO.
 C16



CHICOT RD

60% SUBMITTAL

REVISIONS	DATE

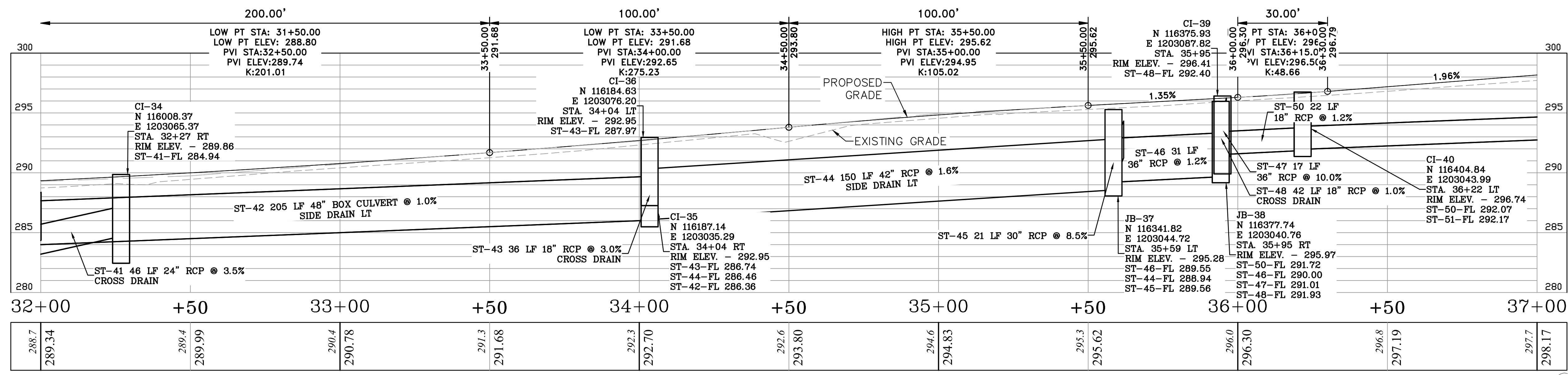
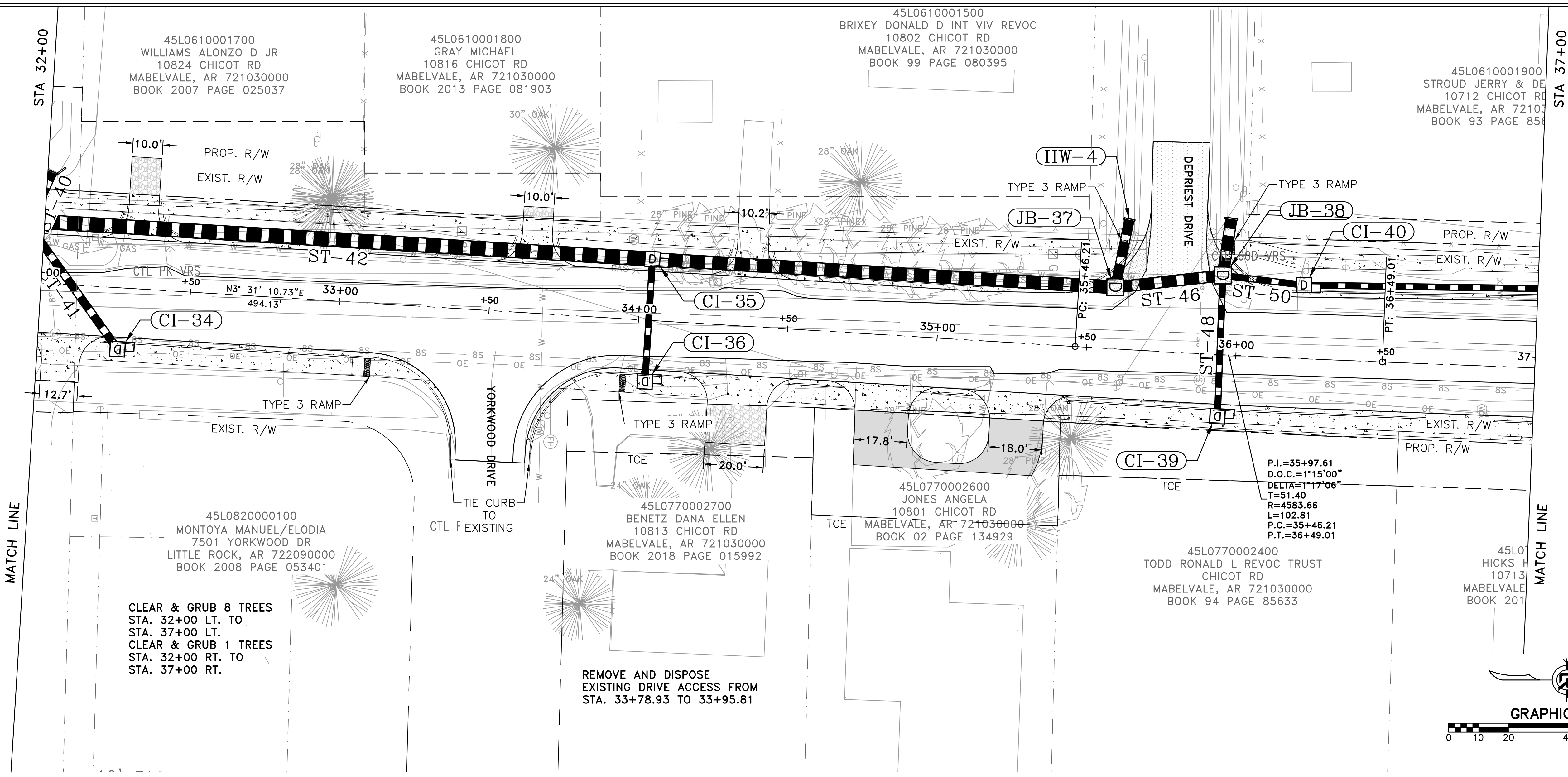
CITY OF LITTLE ROCK, ARKANSAS
 CHICOT ROAD RECONSTRUCTION
 PLAN AND PROFILE SHEET (7)

DEPARTMENT OF PUBLIC WORKS
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SEAL

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 BOL
 DATE
 6-28-2019
 SCALE
 1" = 20'
 PROJECT NO.
 CLR 07-17-ST-357
 SHEET NO.
 C17



CHICOT RD

60% SUBMITTAL

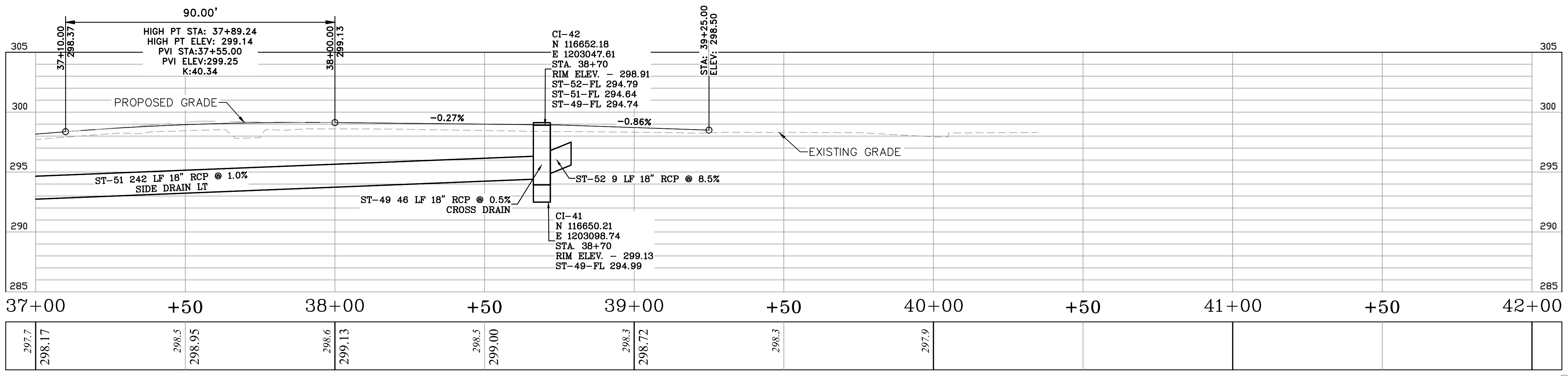
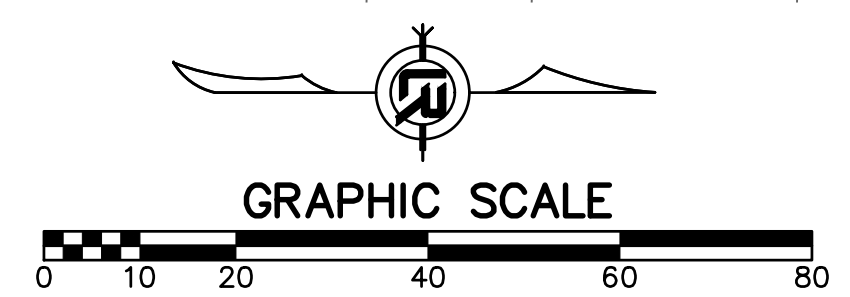
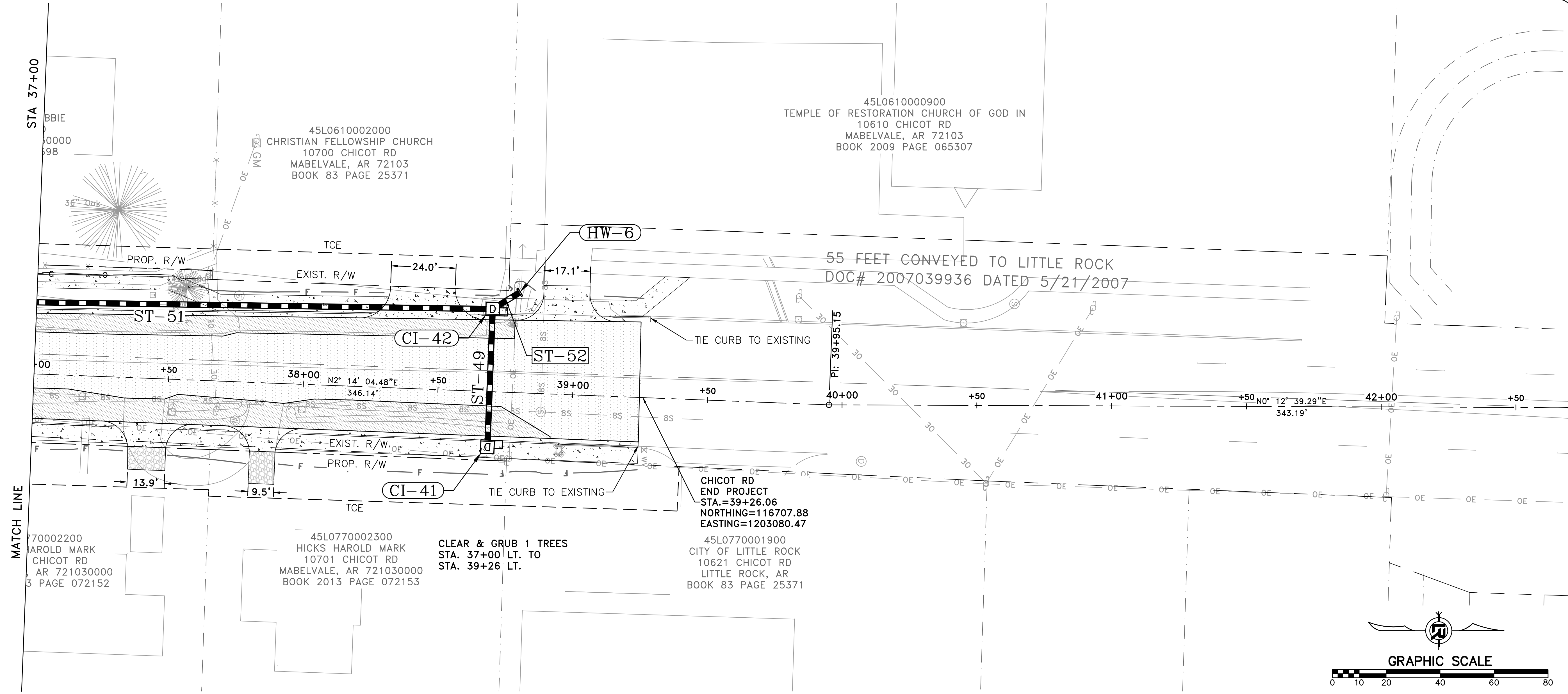
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 CHICOT ROAD RECONSTRUCTION
 PLAN AND PROFILE SHEET (8)

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

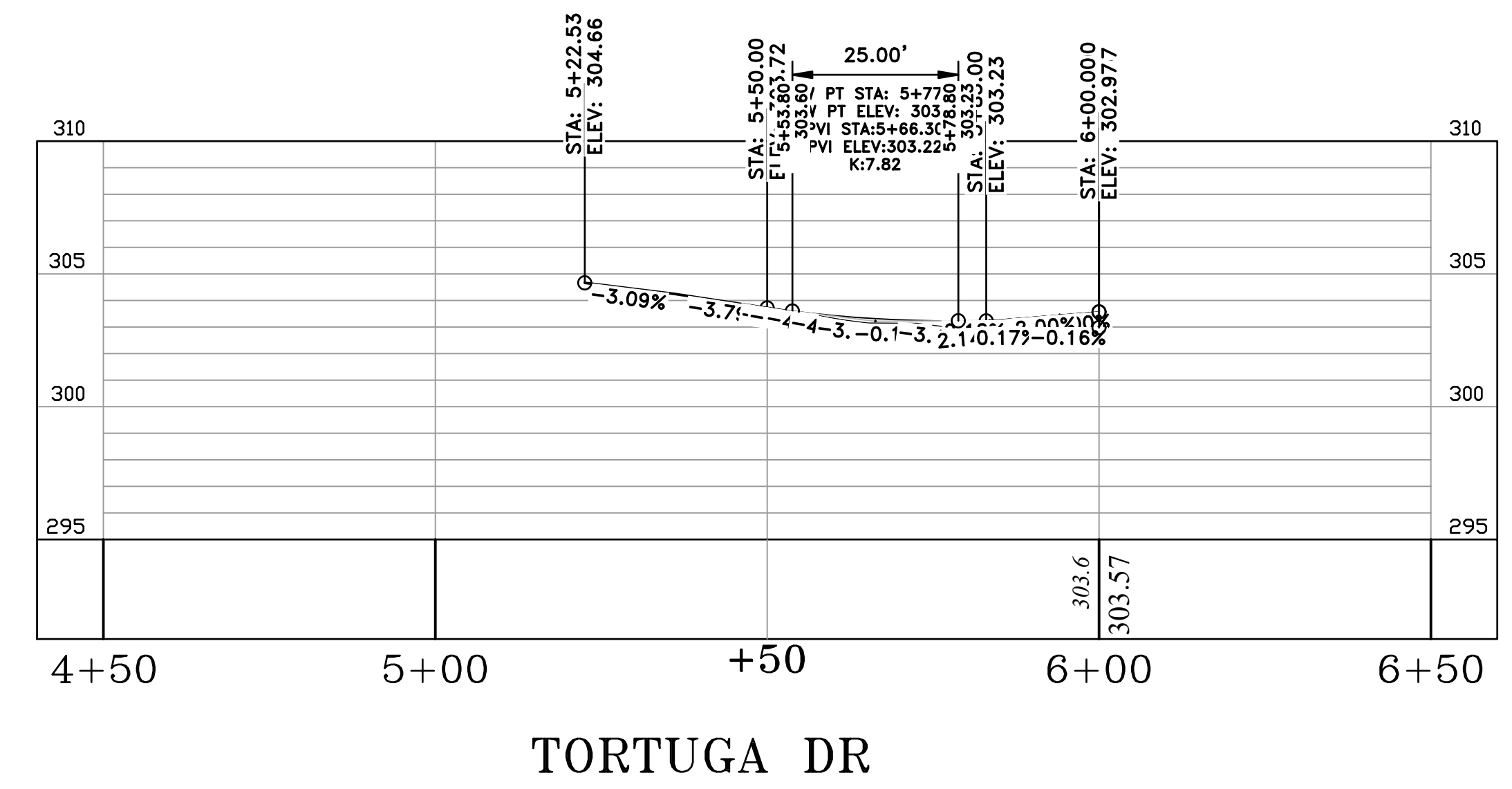
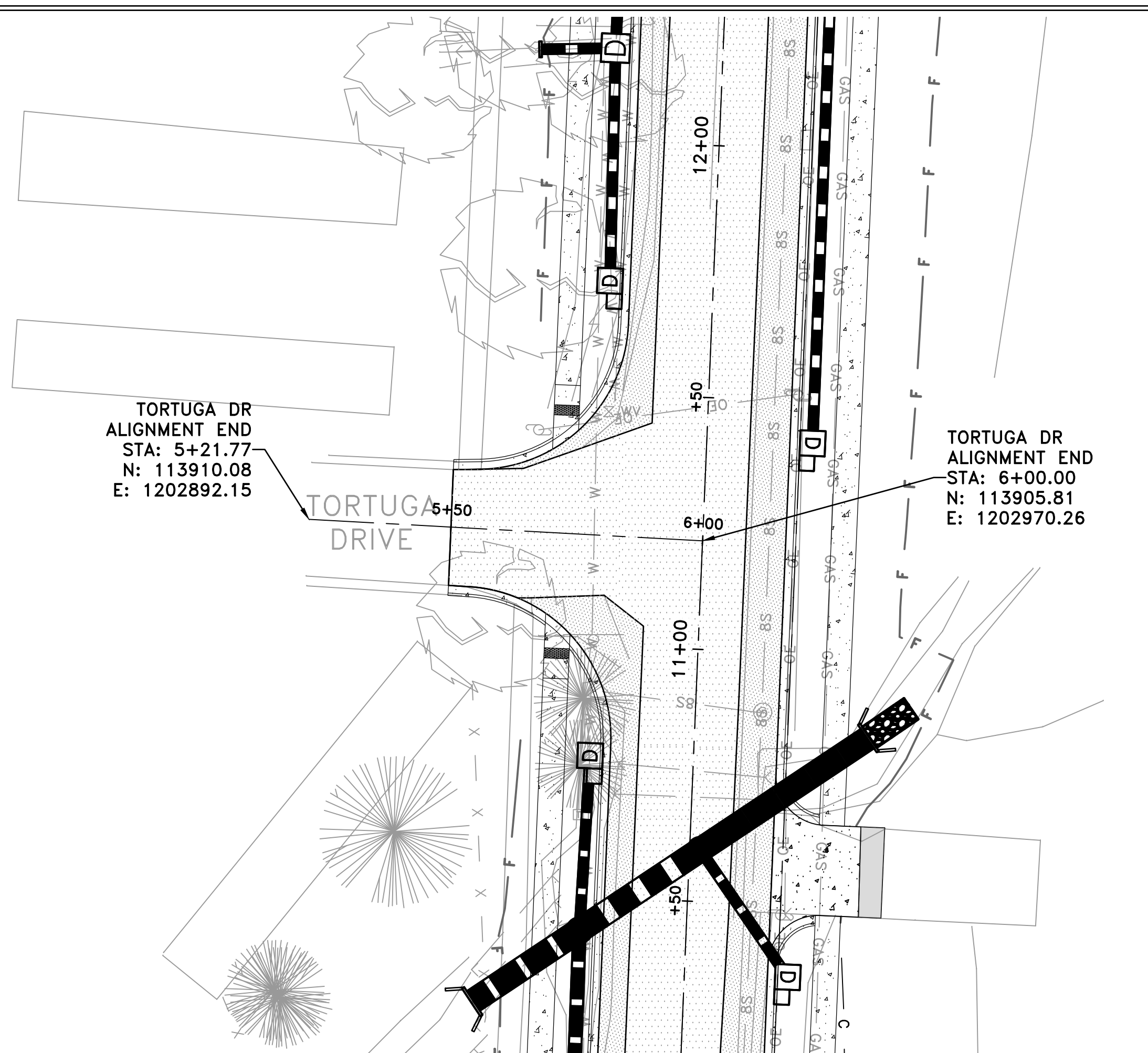
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 DATE
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 PROJECT NO.
 CLR 07-17-ST-357
 SHEET NO.
 C18

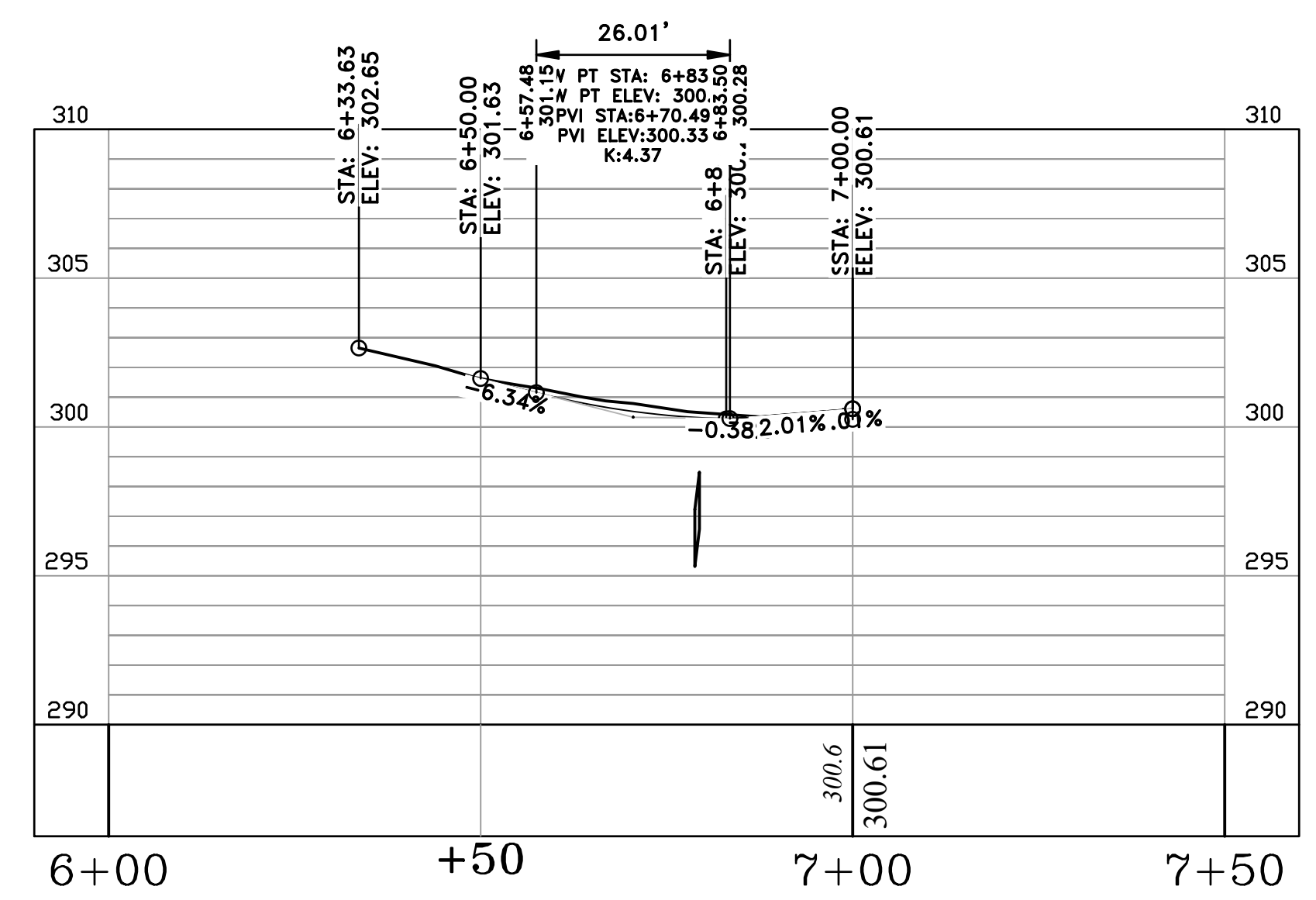
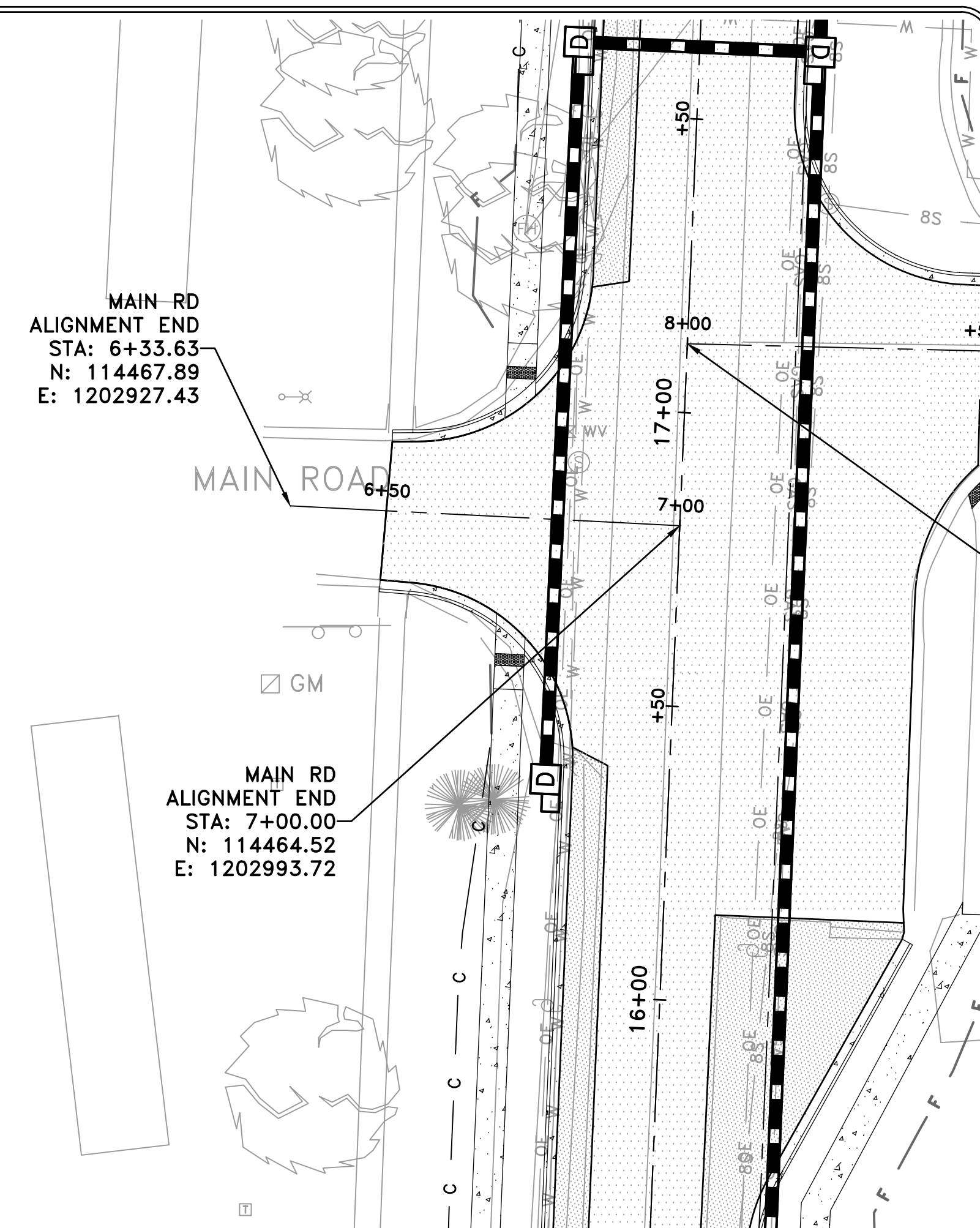
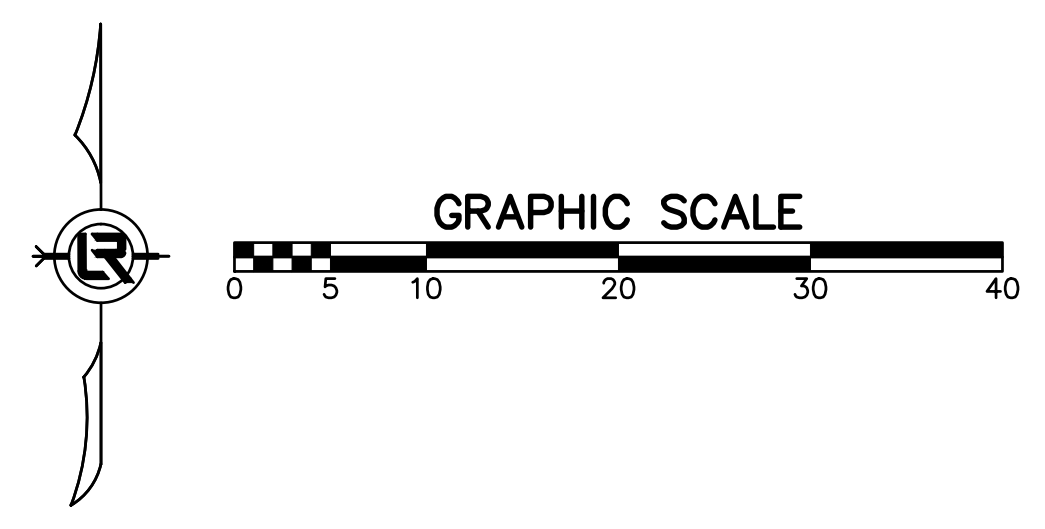


CHICOT RD

60% SUBMITTAL



TORTUGA DR



MAIN RD

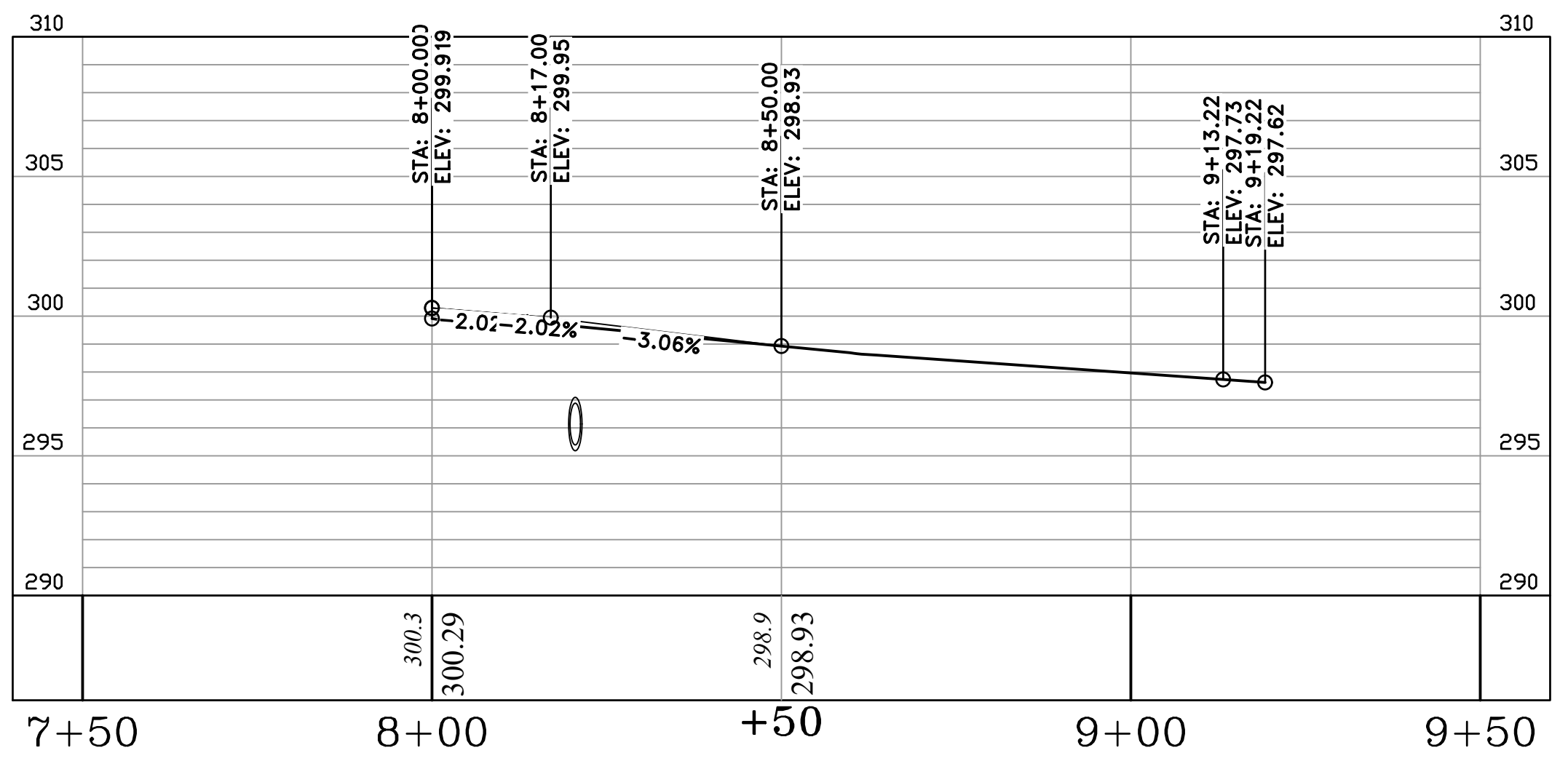
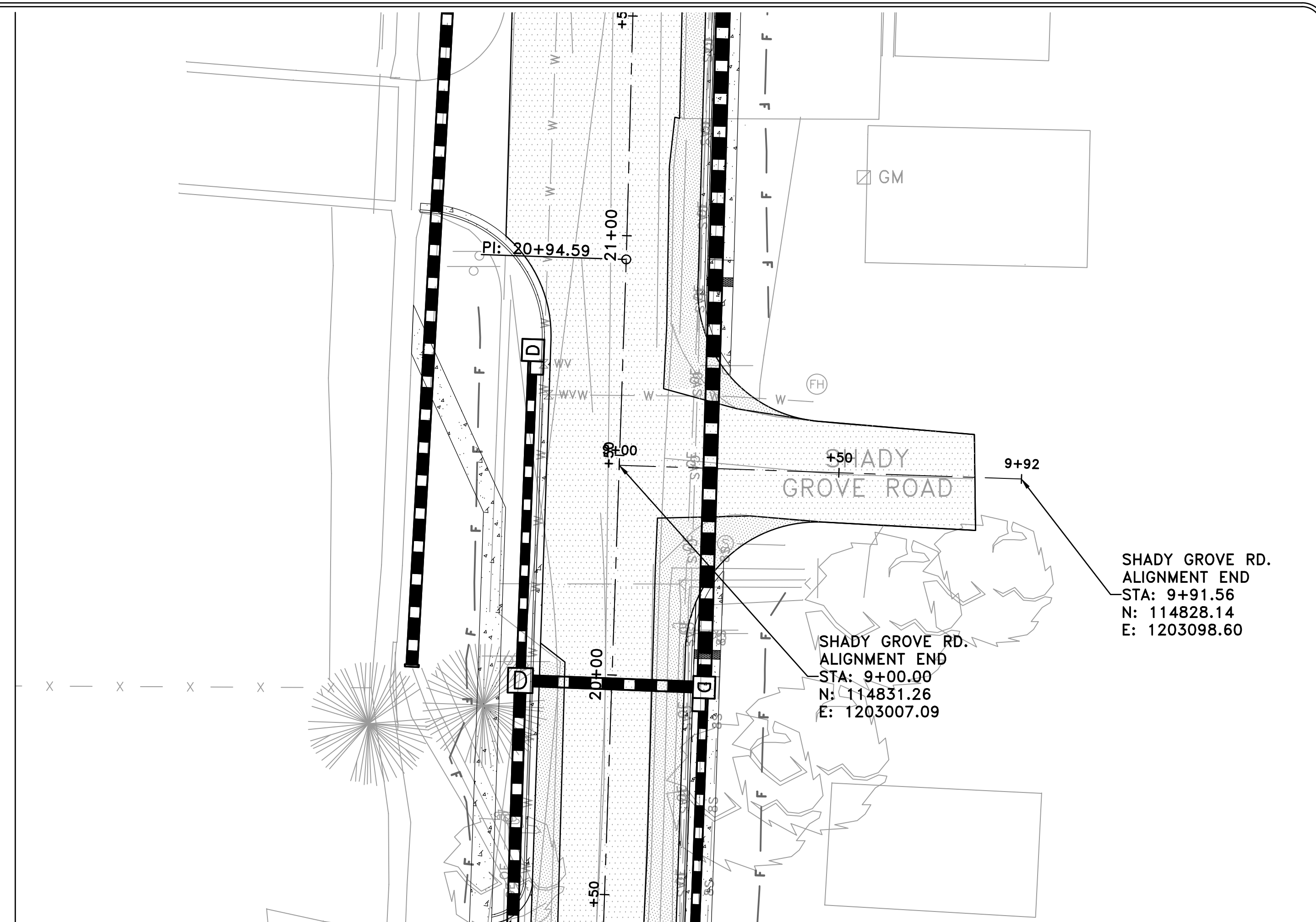
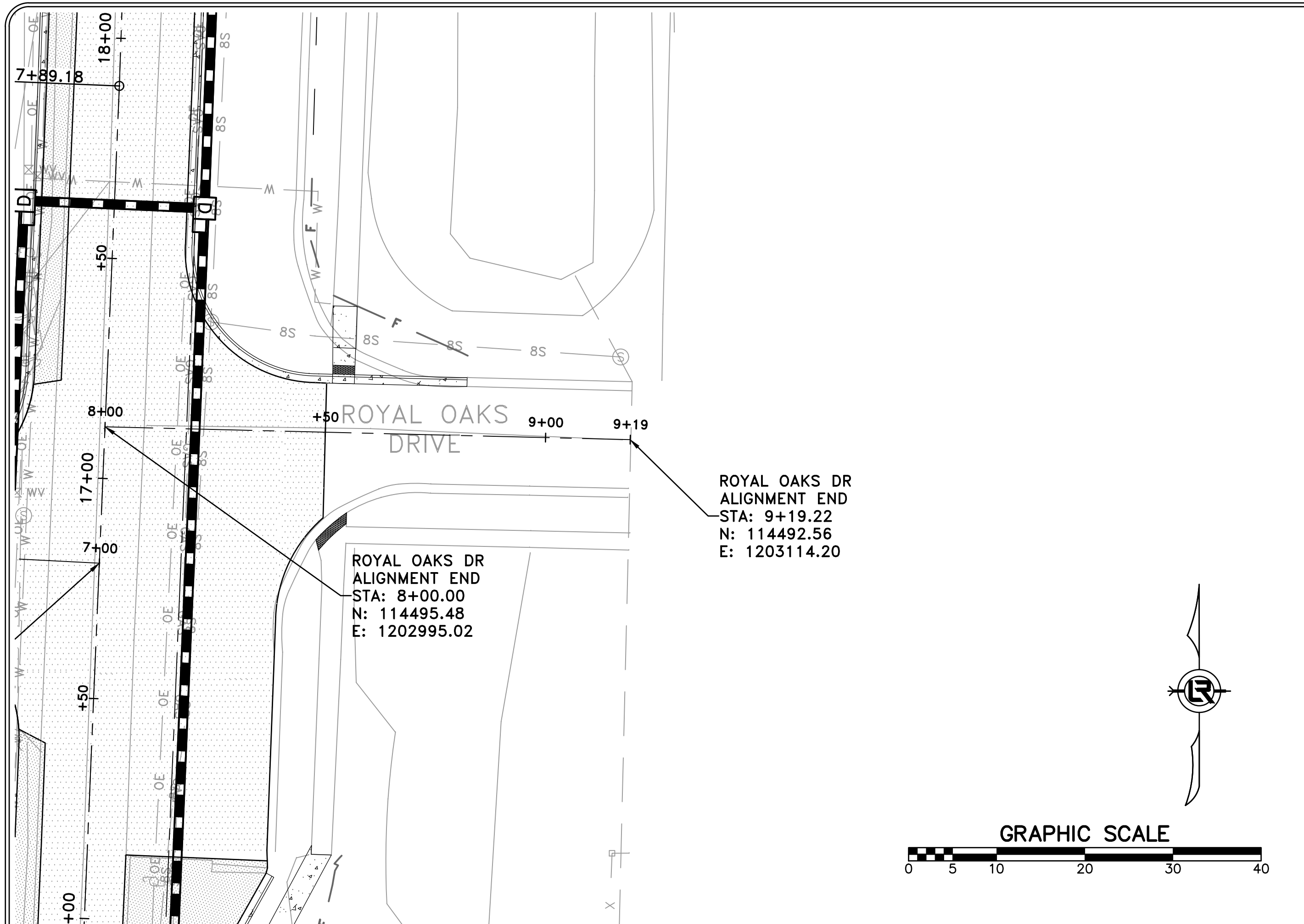
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 CHICOT ROAD RECONSTRUCTION
 SIDE STREET PLAN AND PROFILES (1)

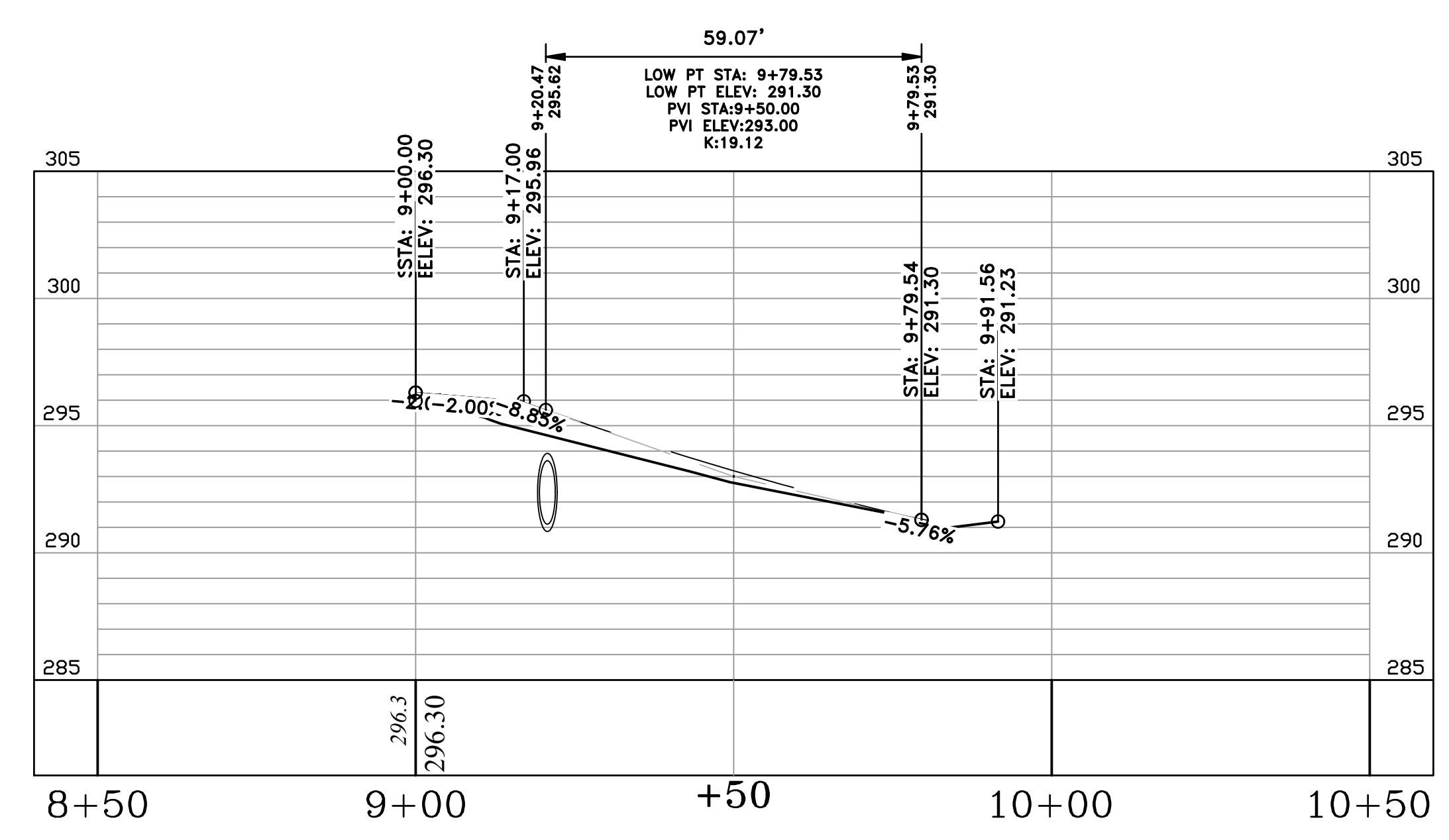
DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201

SEAL

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 DATE
 6-28-2019
 SCALE
 1" = 20'
 PROJECT NO.
 CLR 07-17-ST-357
 SHEET NO.
 C19



ROYAL OAKS DR



SHADY GROVE RD.

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
CHICOT ROAD RECONSTRUCTION
SIDE STREET PLAN AND PROFILES (2)

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

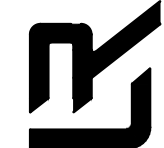
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PROJECT NO.
CLR 07-17-ST-357
SHEET NO.
C20

REVISIONS	DATE

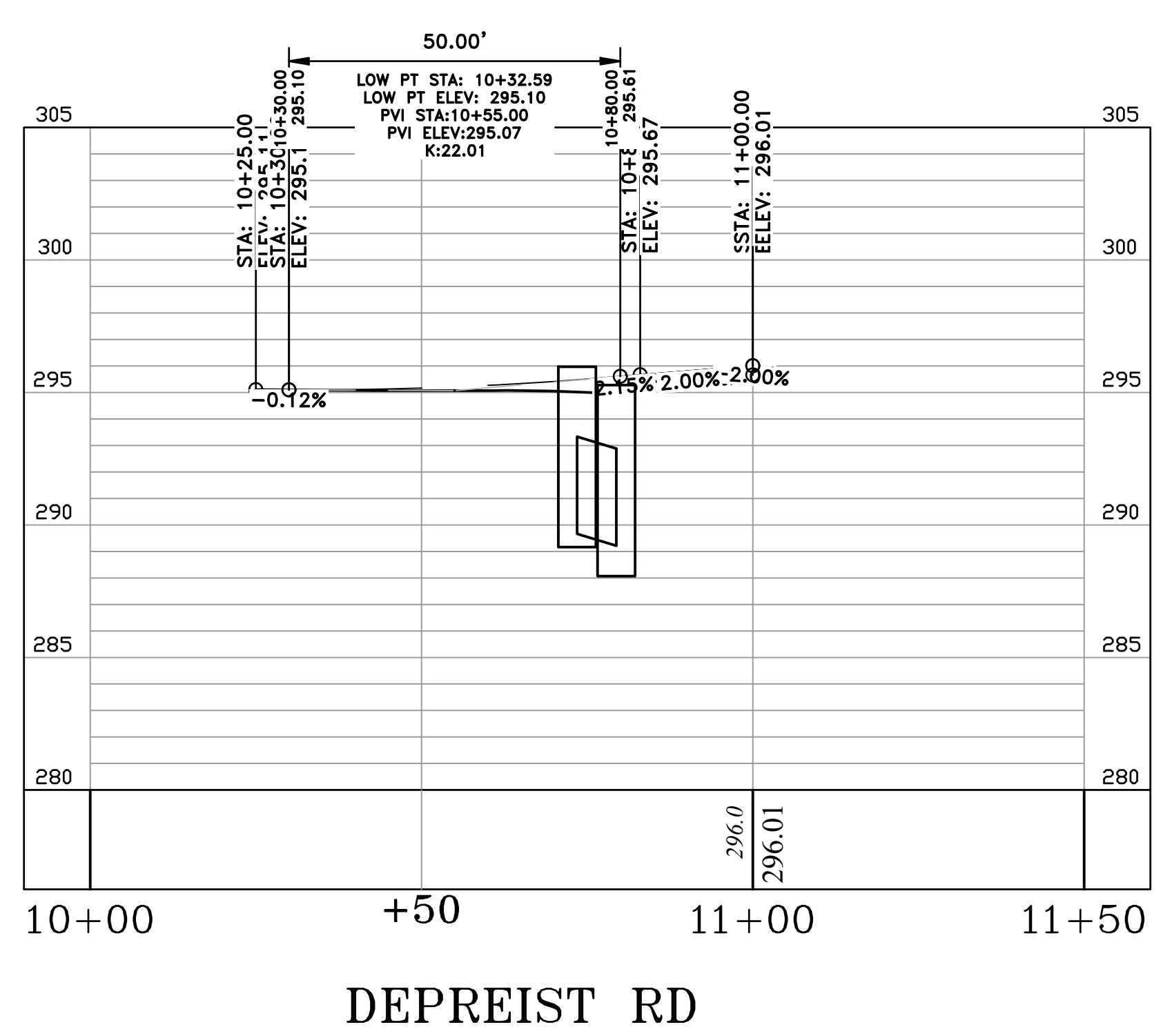
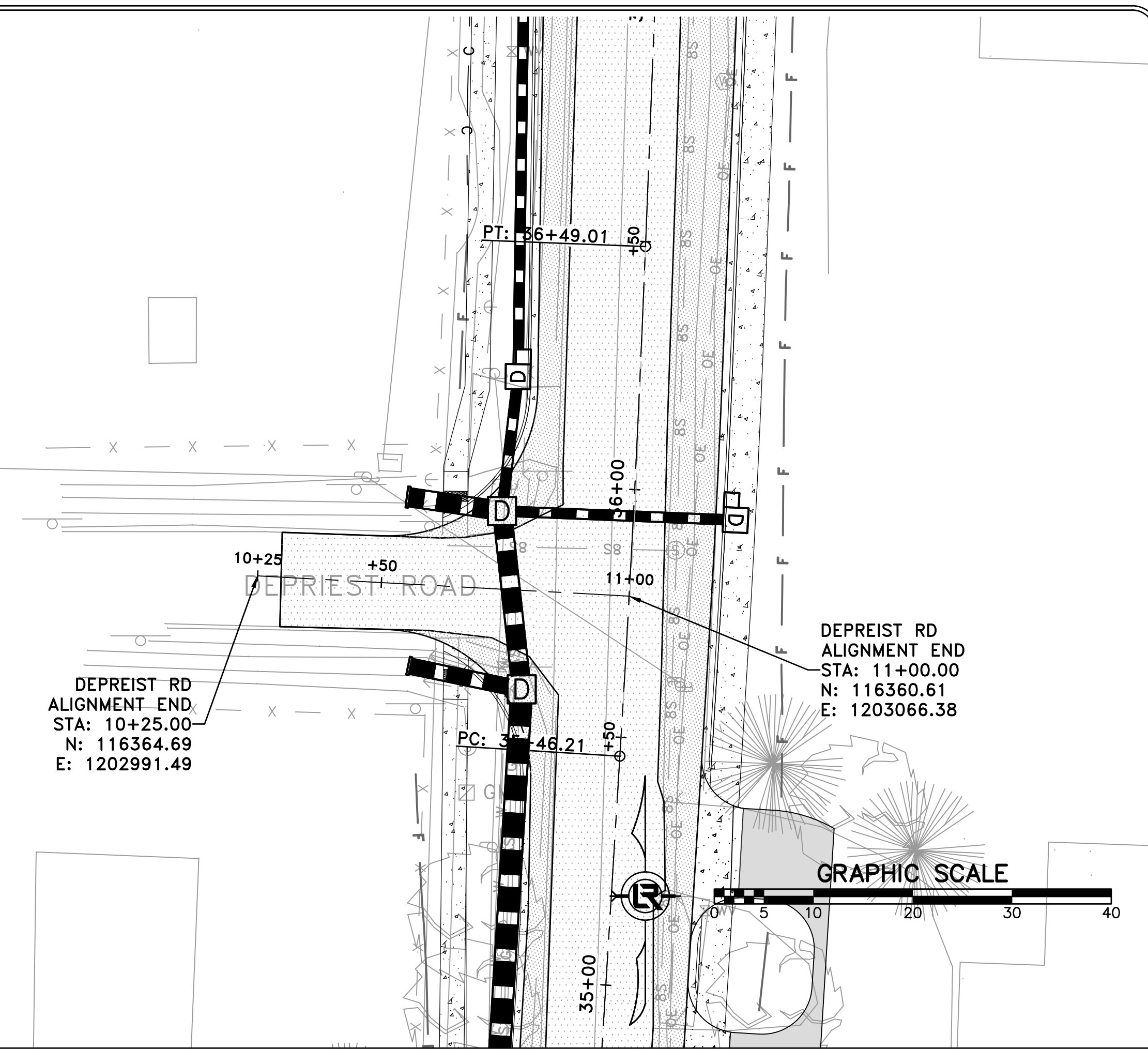
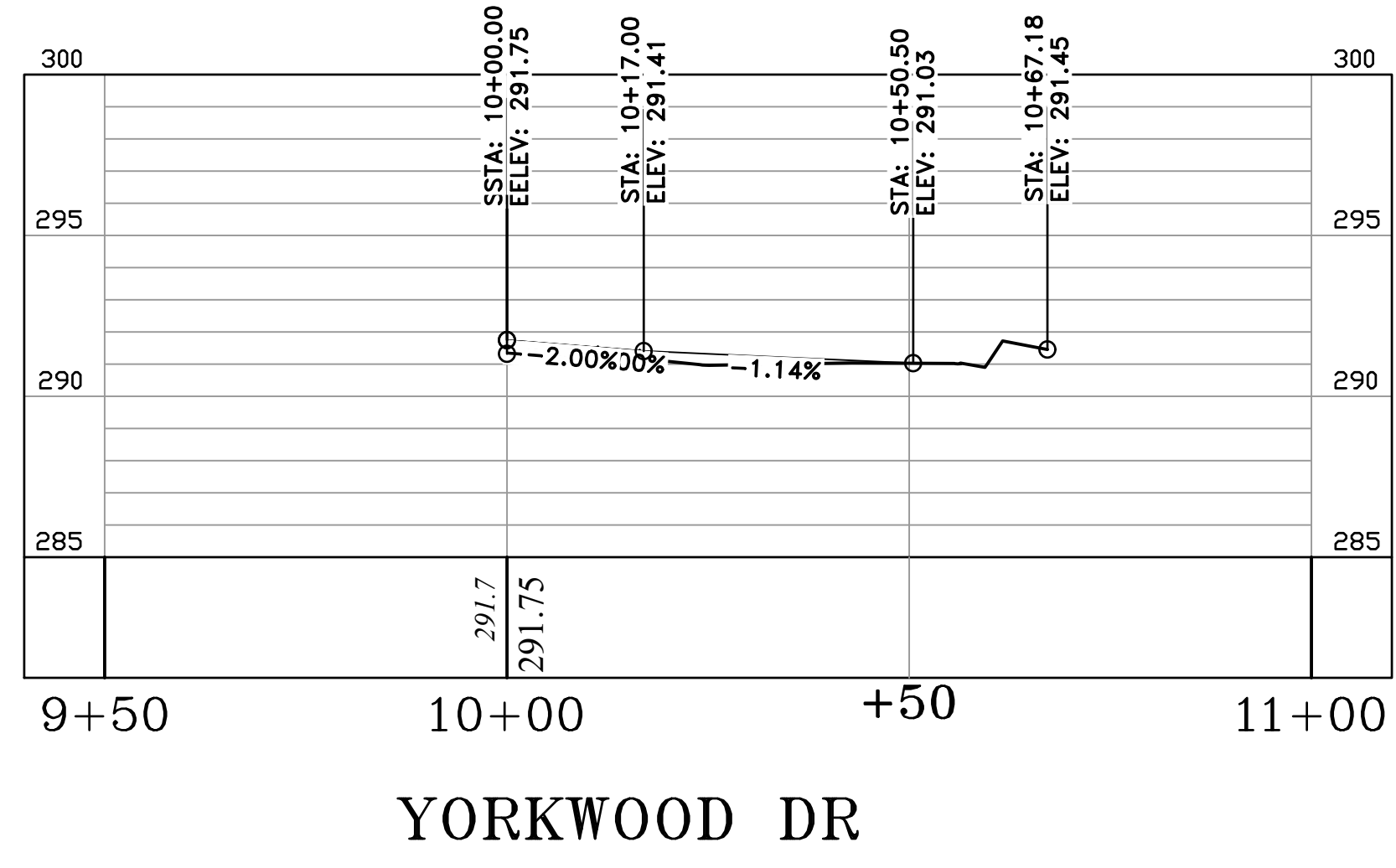
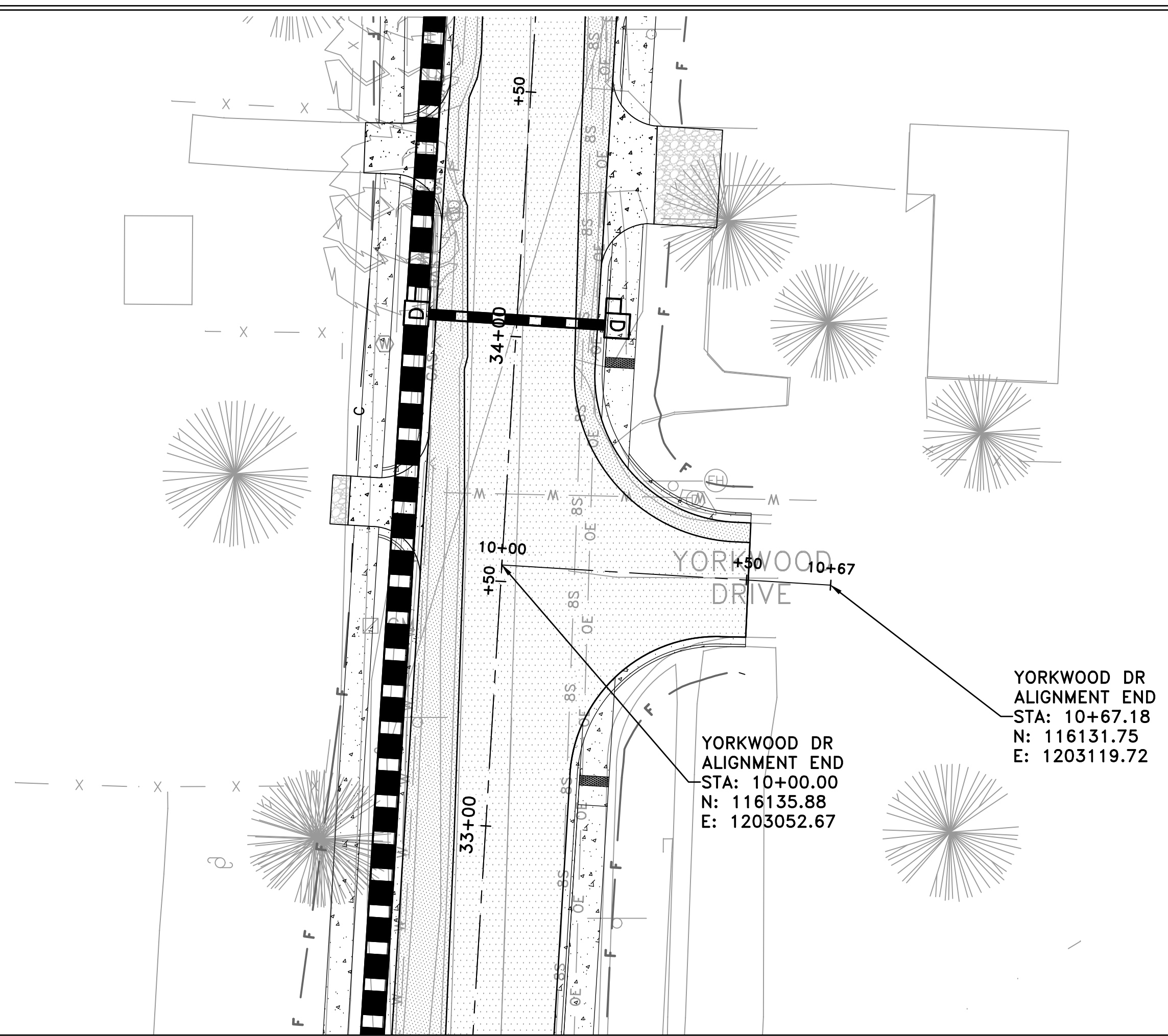
CITY OF LITTLE ROCK, ARKANSAS
 CHICOT ROAD RECONSTRUCTION
 SIDE STREET PLAN AND PROFILES (3)

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

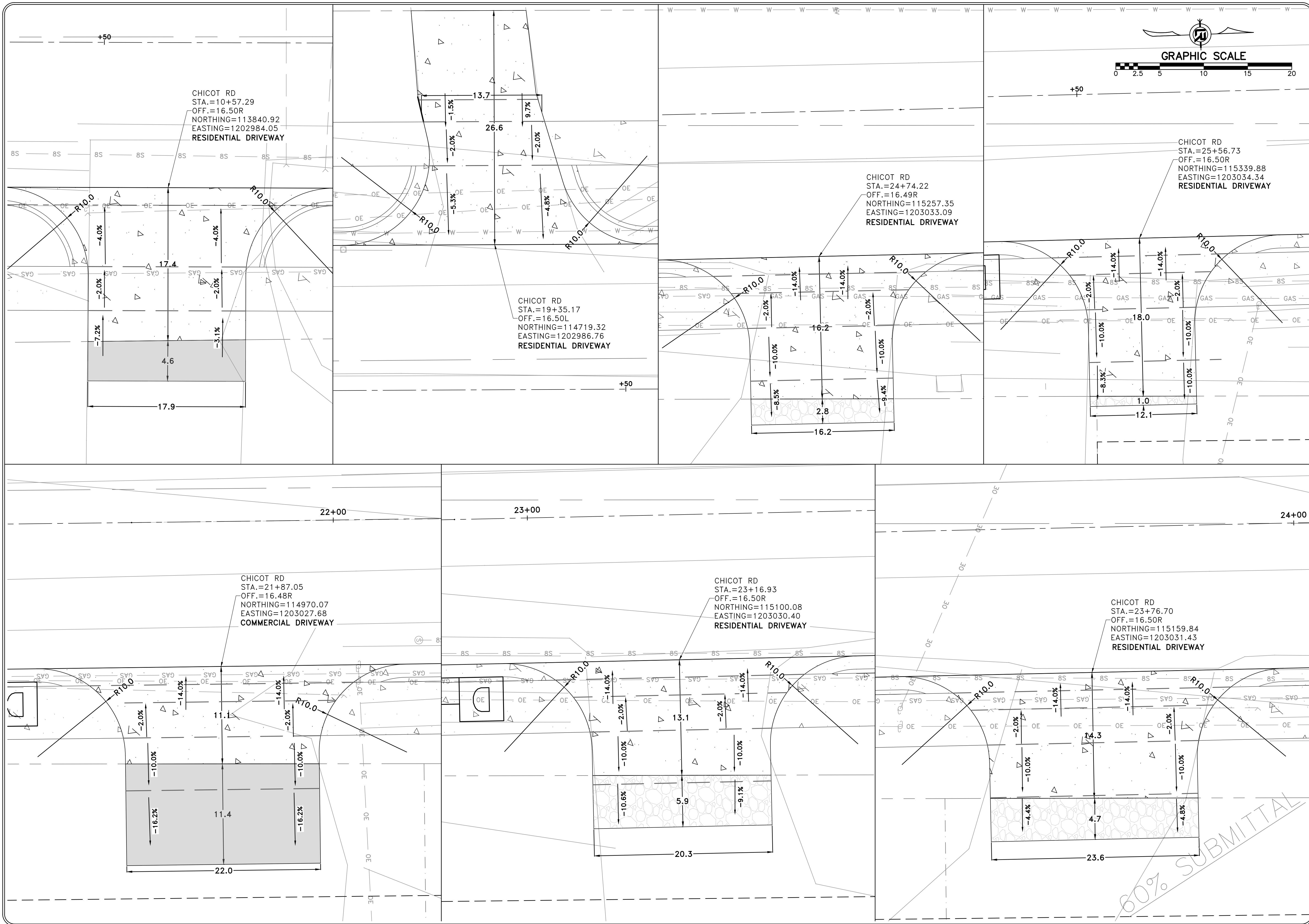
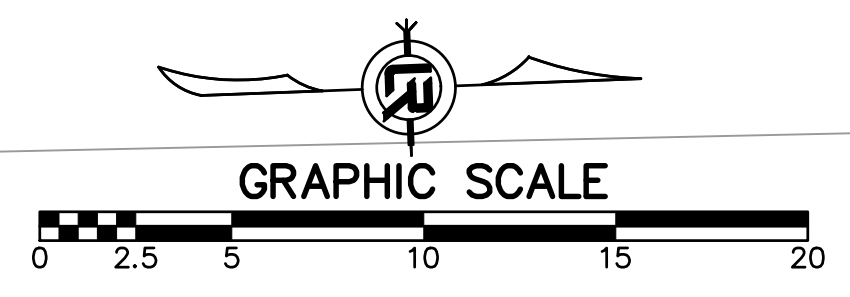


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 6-28-2019
 SCALE
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 CLR 07-17-ST-357
 SHEET NO.
C21



REVISIONS	DATE



CITY OF LITTLE ROCK, ARKANSAS
 CHICOT ROAD RECONSTRUCTION
 DRIVEWAY PLAN (1)

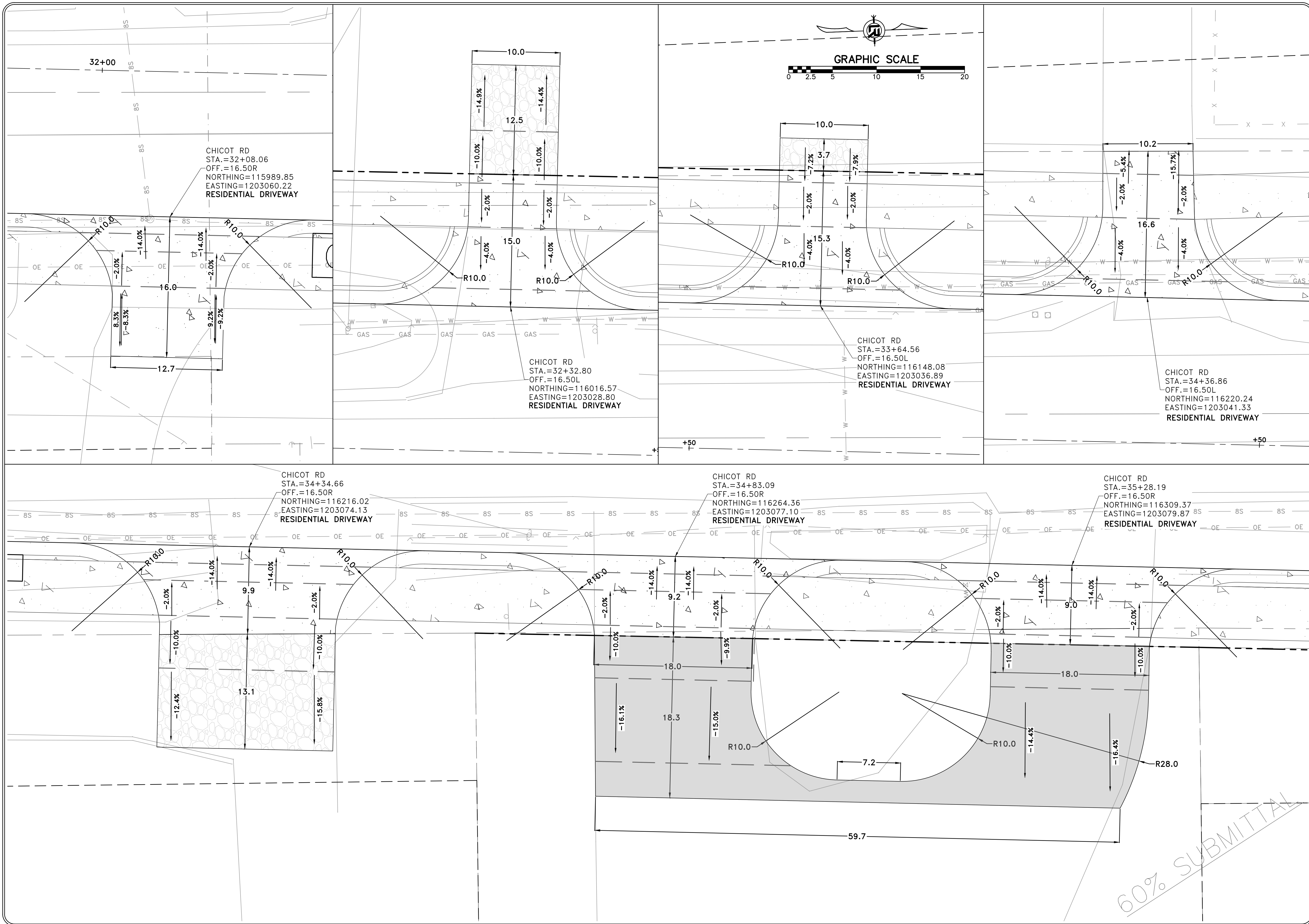
DEPARTMENT OF PUBLIC WORKS
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 SCALE
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 PROJECT NO.
 CLR 07-17-ST-357
 SHEET NO.
 C22

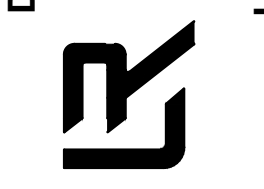
60% SUBMITTAL



REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
CHICOT ROAD RECONSTRUCTION
DRIVEWAY PLAN (2)

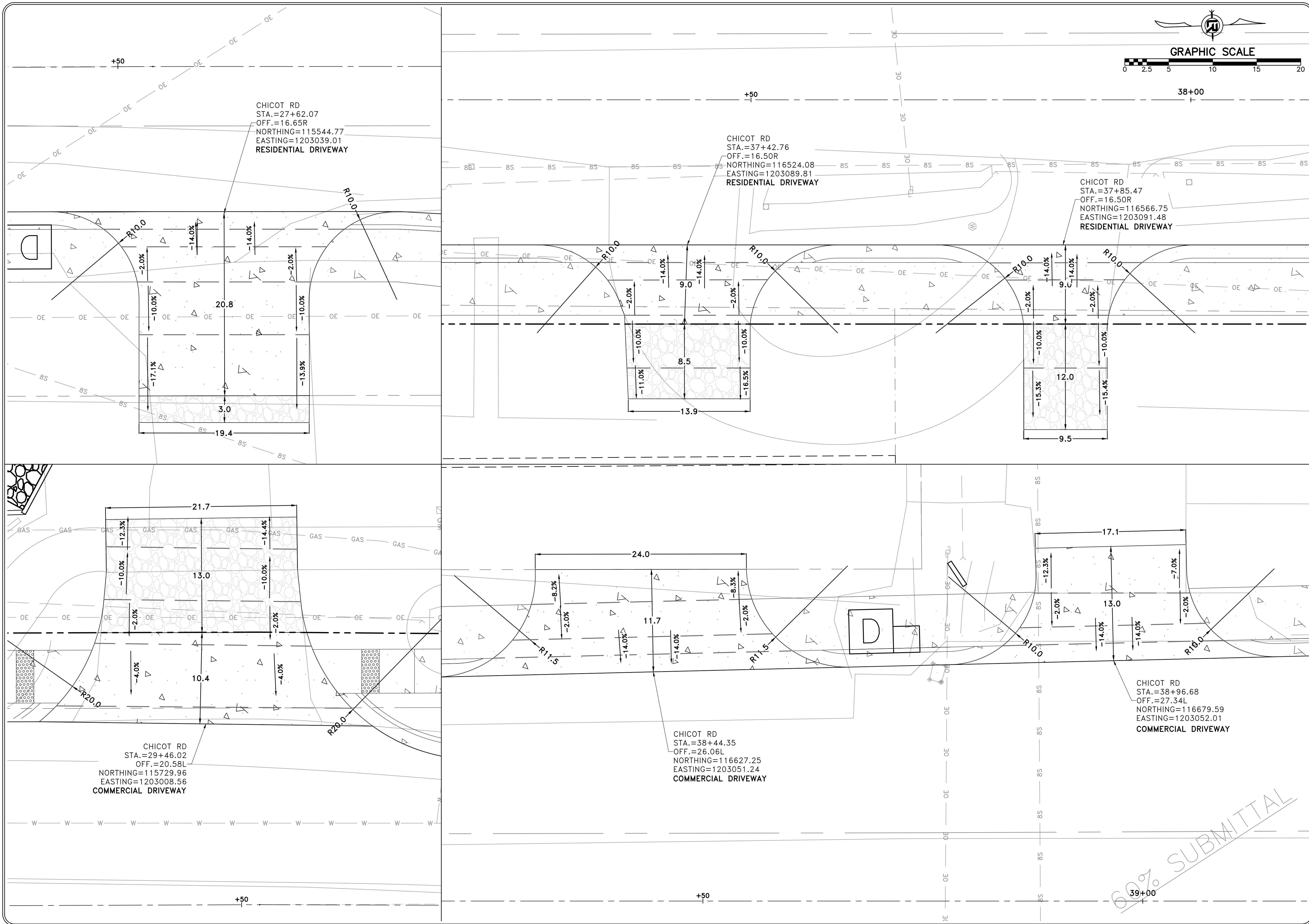
DEPARTMENT OF PUBLIC WORKS
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SEAL

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 CLR 07-17-ST-357
 SHEET NO.
C23

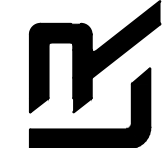
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CITY OF LITTLE ROCK, ARKANSAS
CHICOT ROAD RECONSTRUCTION
 DRIVEWAY PLAN (3)

DEPARTMENT OF PUBLIC WORKS
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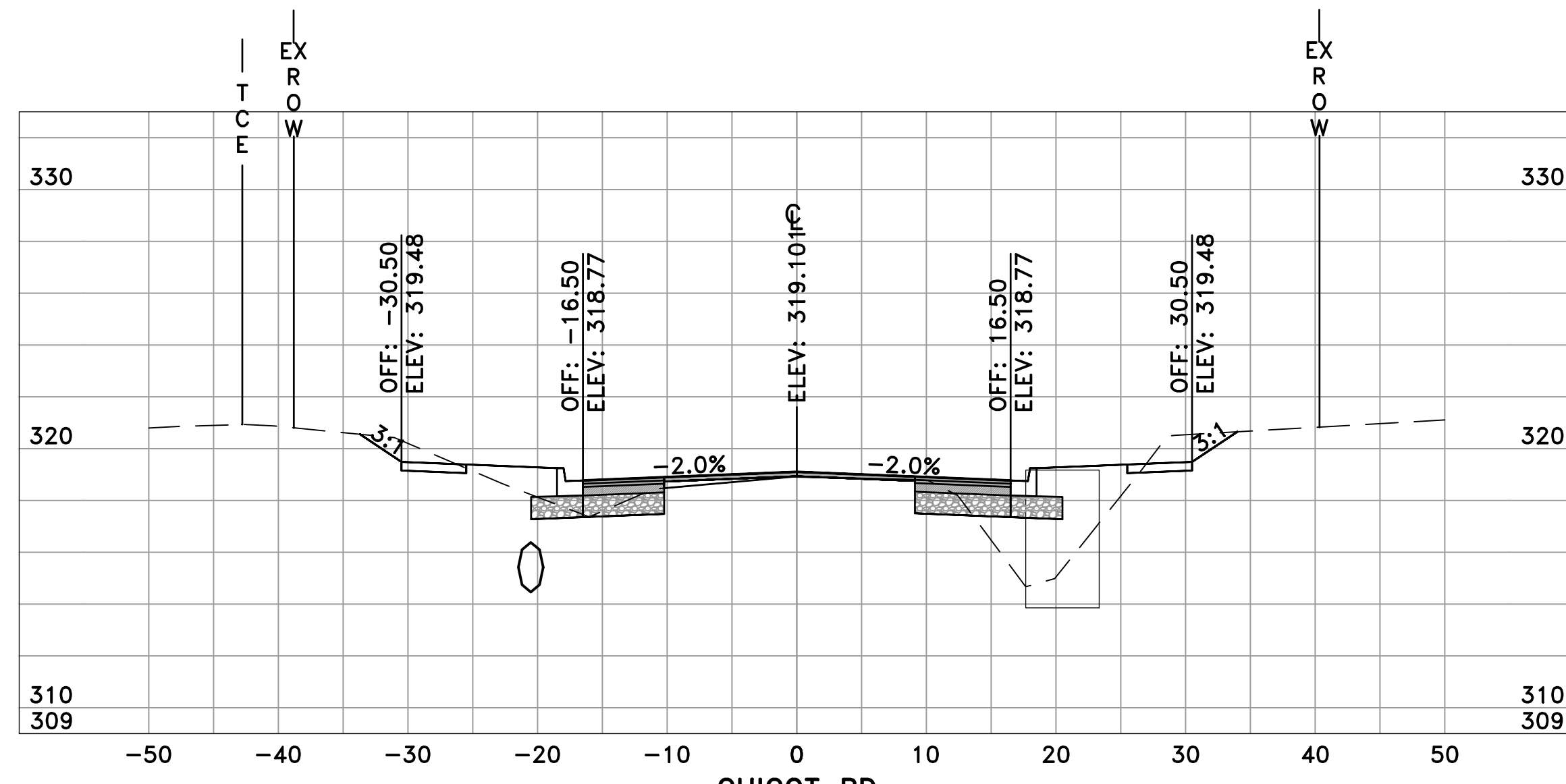


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DESIGNED COF
CHECKED BOL
DATE 6-28-2019
SCALE 1"=5'
PROJECT NO. CLR 07-17-ST-357
SHEET NO. C24

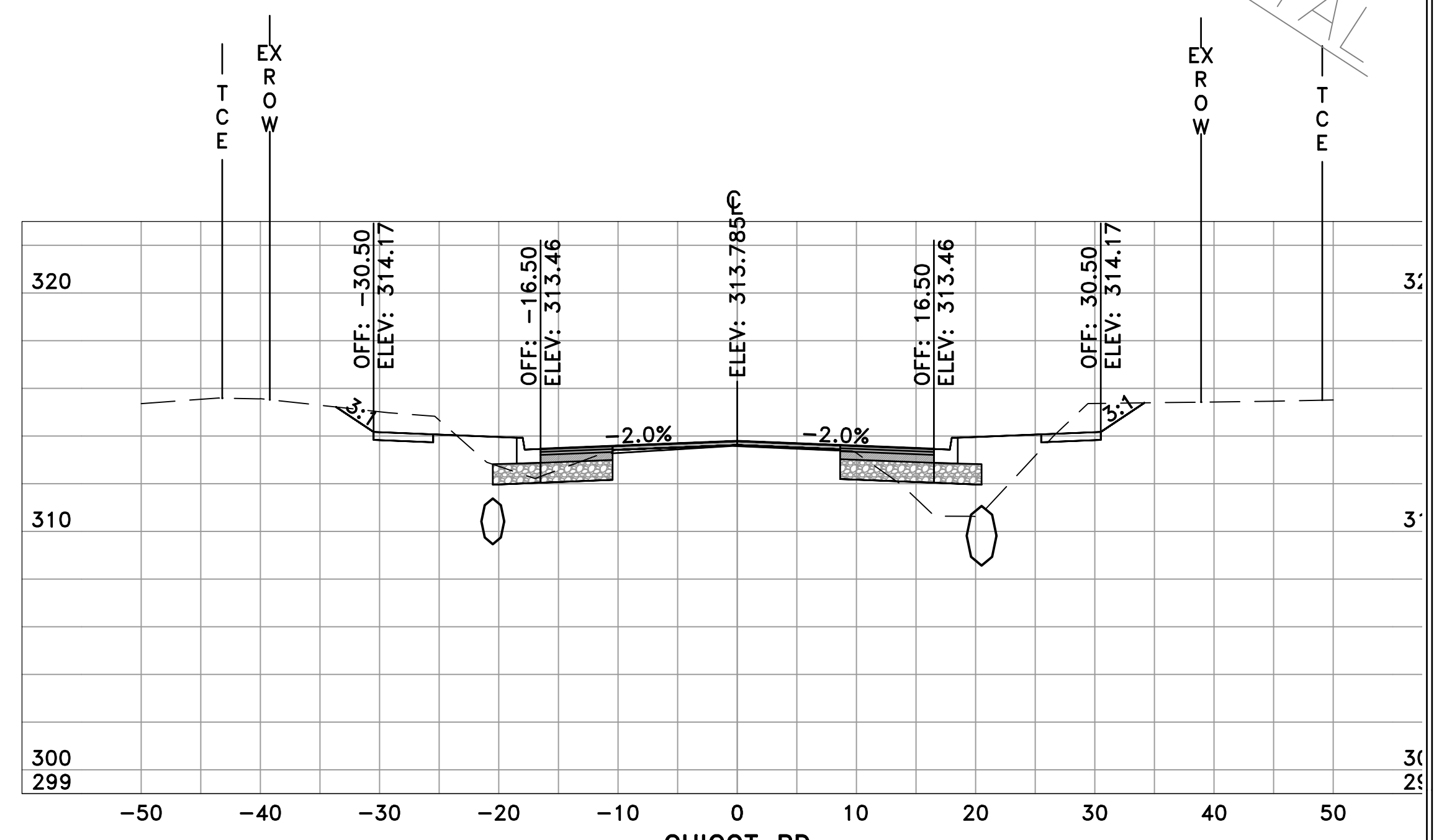
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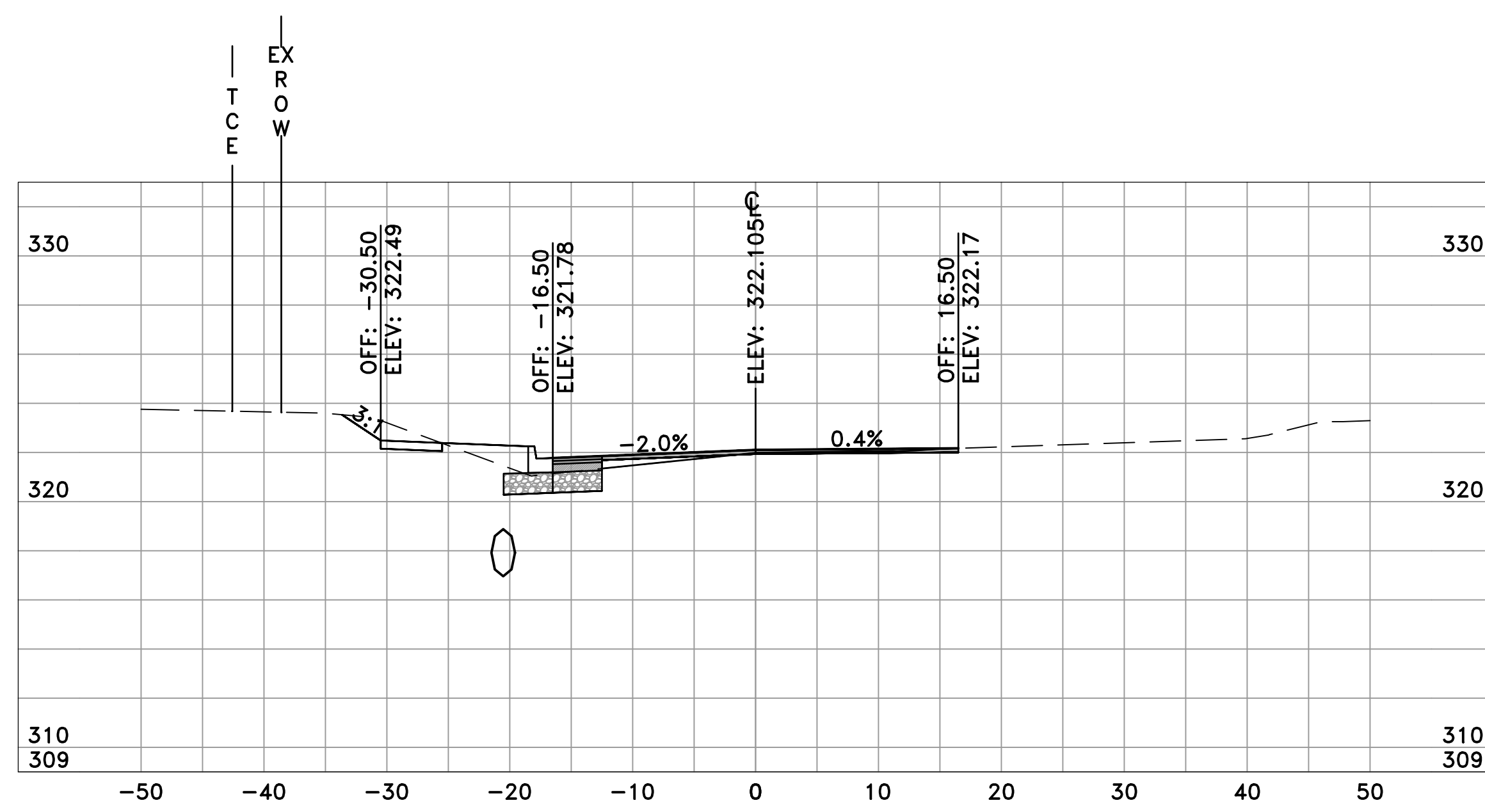
CHICOT RD
6+00
SL-41

	AREA	VOLUME	CUM. VOL.
CUT	20.32	31.09	31.09
FILL	29.08	30.64	30.64



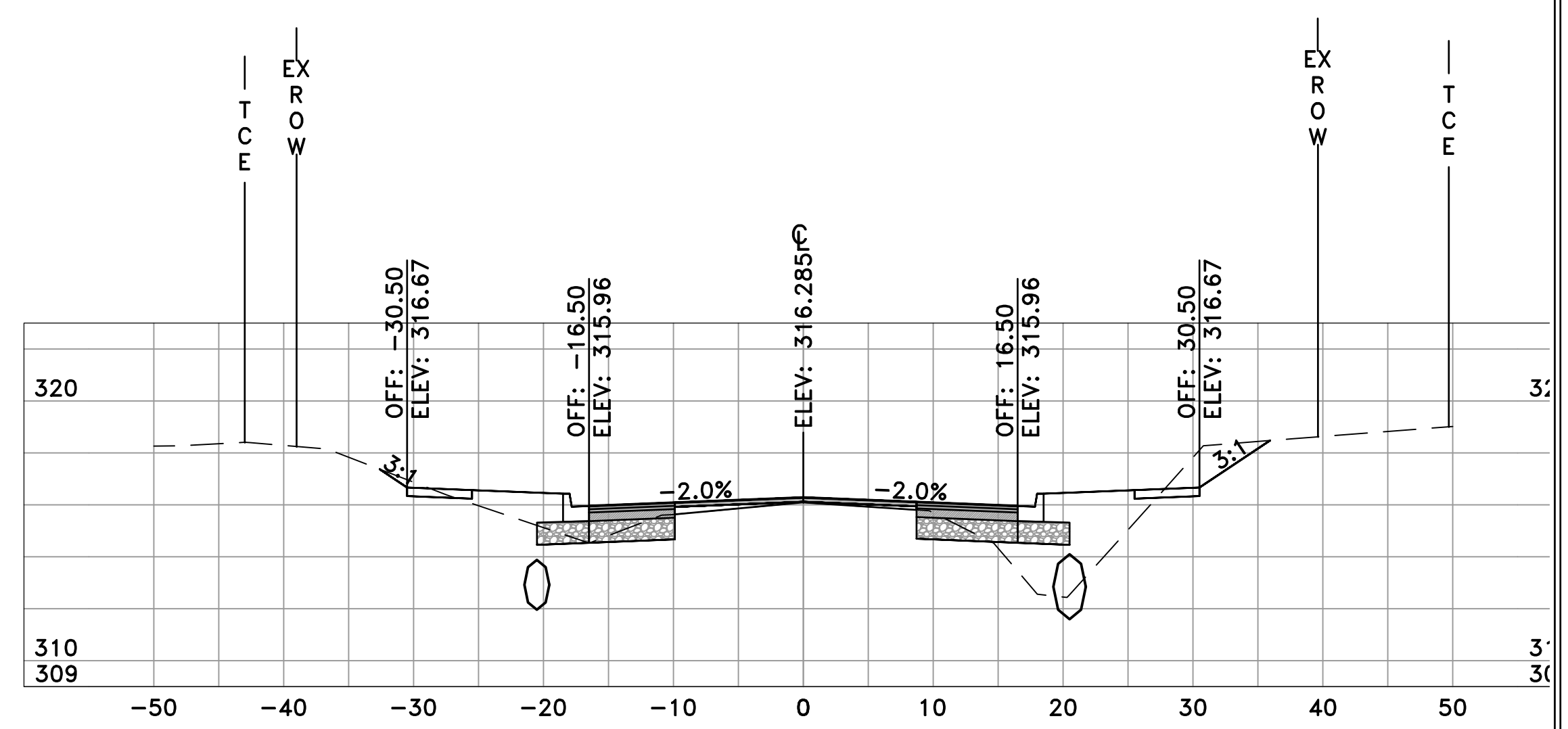
CHICOT RD
7+00
SL-43

	AREA	VOLUME	CUM. VOL.
CUT	24.36	38.71	104.77
FILL	20.47	45.70	130.03



CHICOT RD
5+50
SL-40

	AREA	VOLUME	CUM. VOL.
CUT	13.25	0.00	0.00
FILL	4.01	0.00	0.00



CHICOT RD
6+50
SL-42

	AREA	VOLUME	CUM. VOL.
CUT	17.45	34.97	66.06
FILL	28.89	53.68	84.32

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
CHICOT ROAD RECONSTRUCTION
CROSS SECTIONS (1)

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

SEAL

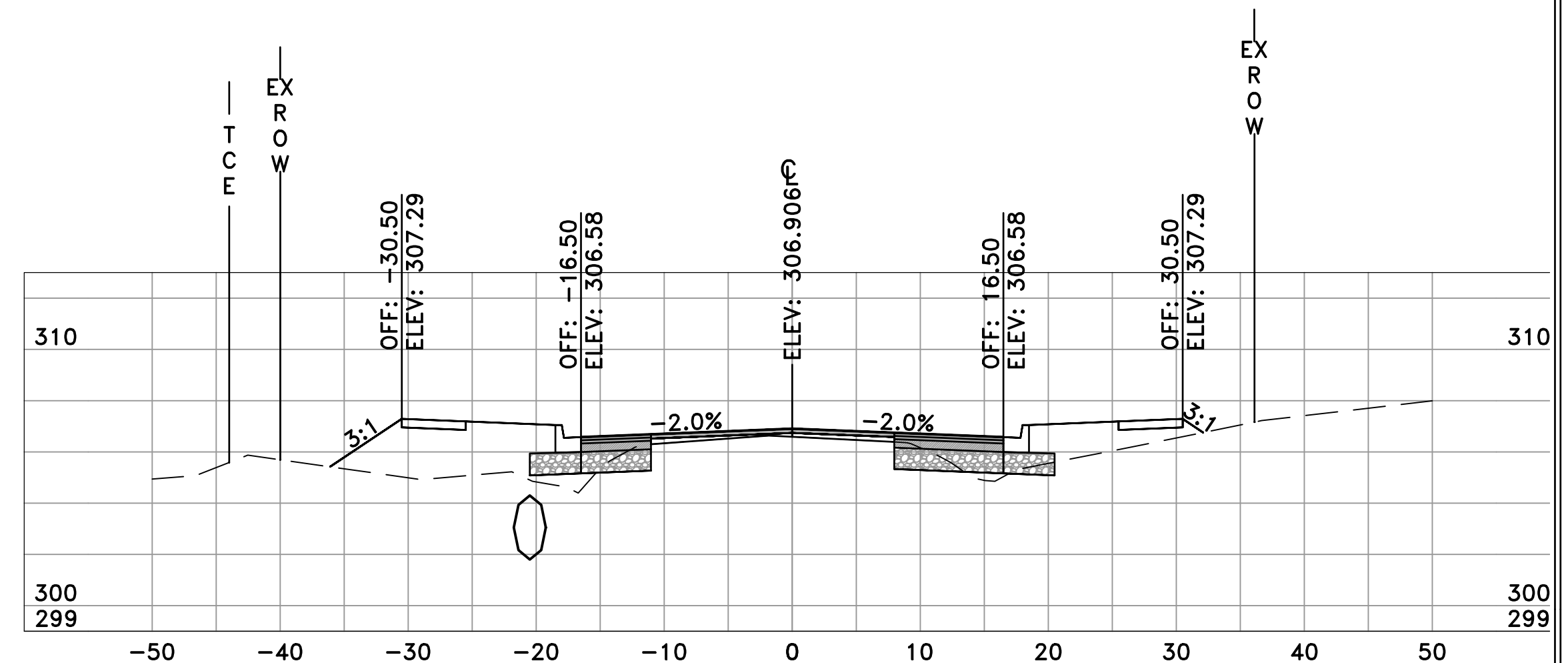
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DESIGNED
BOL
CHECKED
KLL
DATE
6-28-2019
SCALE
H: 1"=10'
V: 1"=5'
PROJECT NO.
CLR 07-17-ST-357
SHEET NO.
C25

60% SUBMITTAL



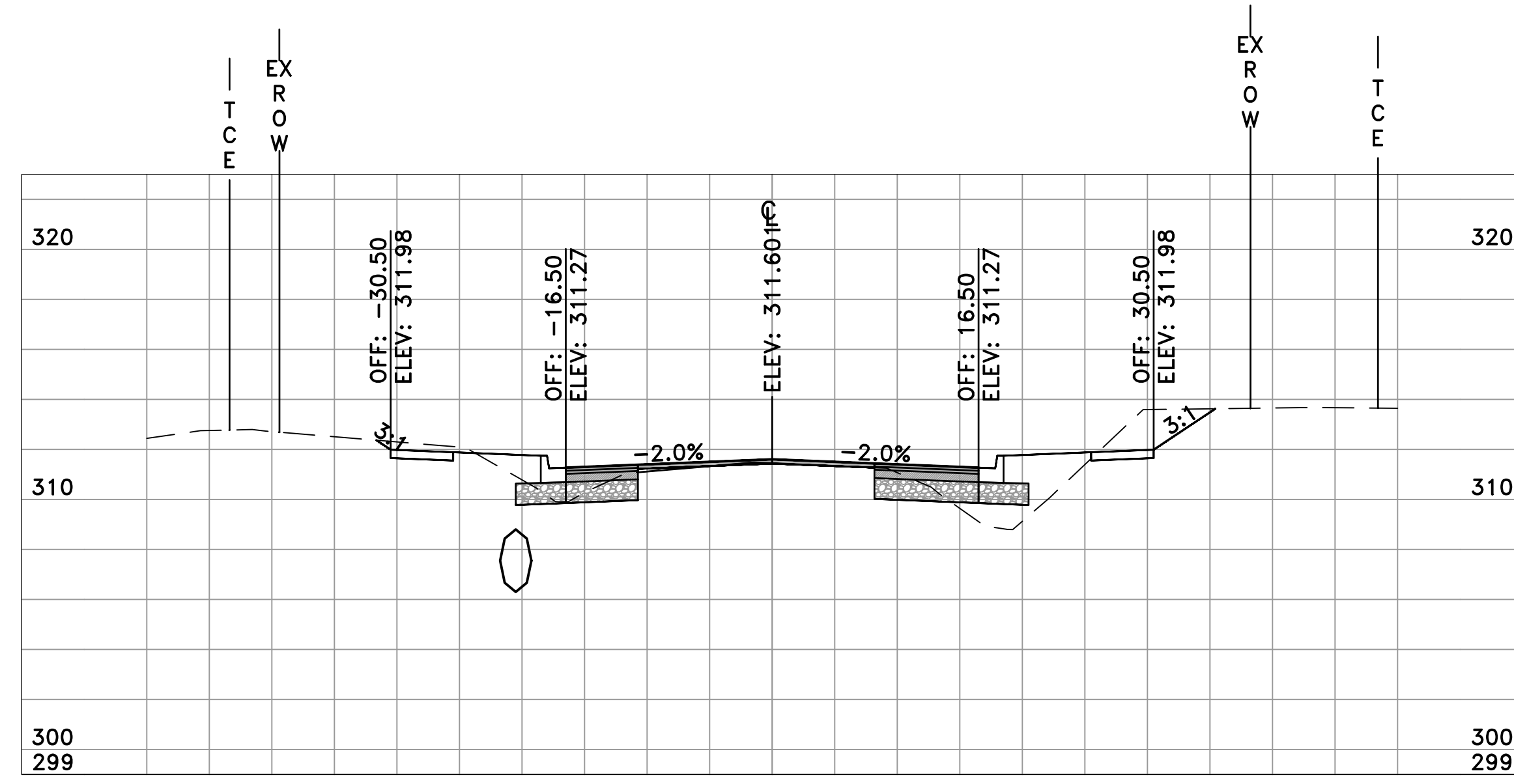
CHICOT RD
8+00
SL-45

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CUT	29.87	50.23	200.14
FILL	12.35	23.44	184.43



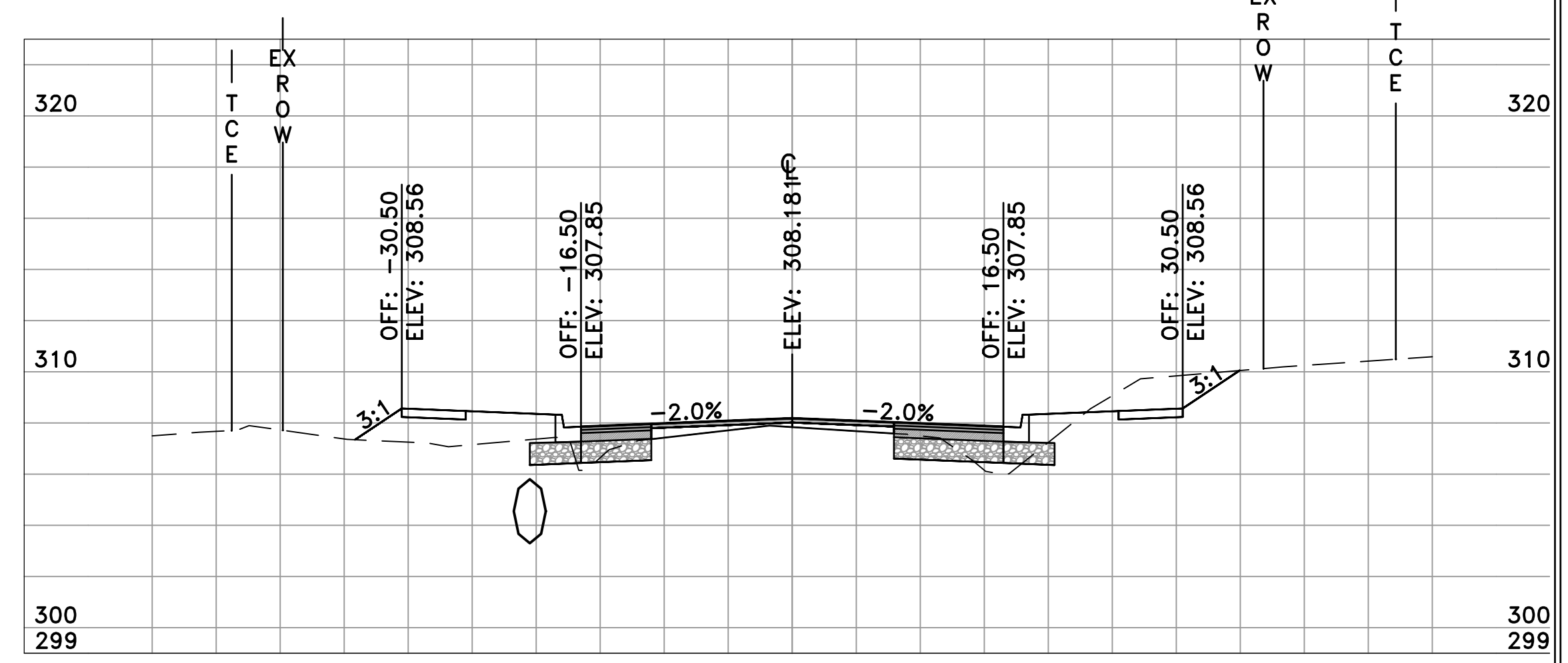
CHICOT RD
9+00
SL-47

	AREA	VOLUME	CUM. VOL.
CUT	7.66	28.61	277.92
FILL	41.68	57.31	271.89



CHICOT RD
7+50
SL-44

	AREA	VOLUME	CUM. VOL.
CUT	24.38	45.13	149.91
FILL	12.97	30.96	160.99



CHICOT RD
8+50
SL-46

	AREA	VOLUME	CUM. VOL.
CUT	23.24	49.17	249.31
FILL	20.22	30.15	214.58

REVISIONS	DATE

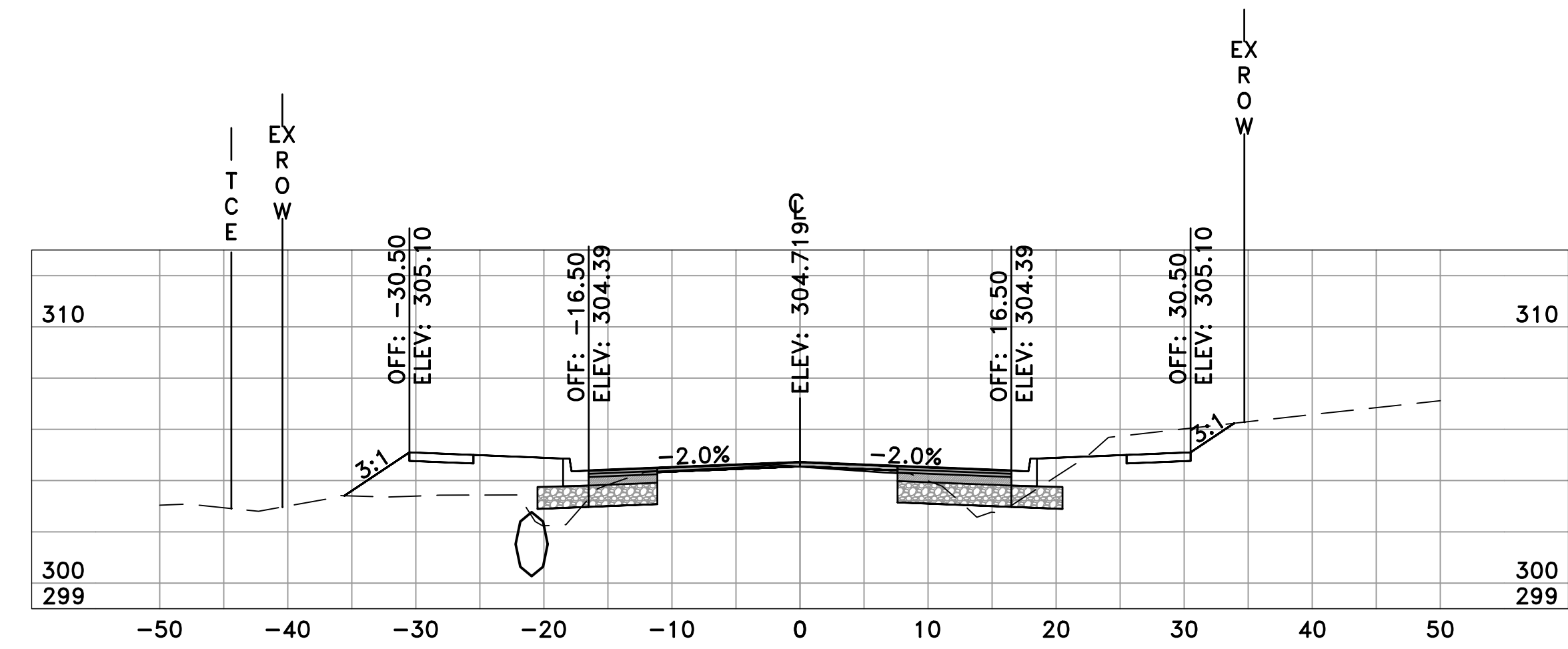
CITY OF LITTLE ROCK, ARKANSAS
CHICOT ROAD RECONSTRUCTION
CROSS SECTIONS (2)

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

SEAL

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BOL
CHECKED
KLL
DATE
6-28-2019
SCALE
H: 1"=10'
V: 1"=5'
PROJECT NO.
CLR 07-17-ST-357
SHEET NO.
C26

60% SUBMITTAL



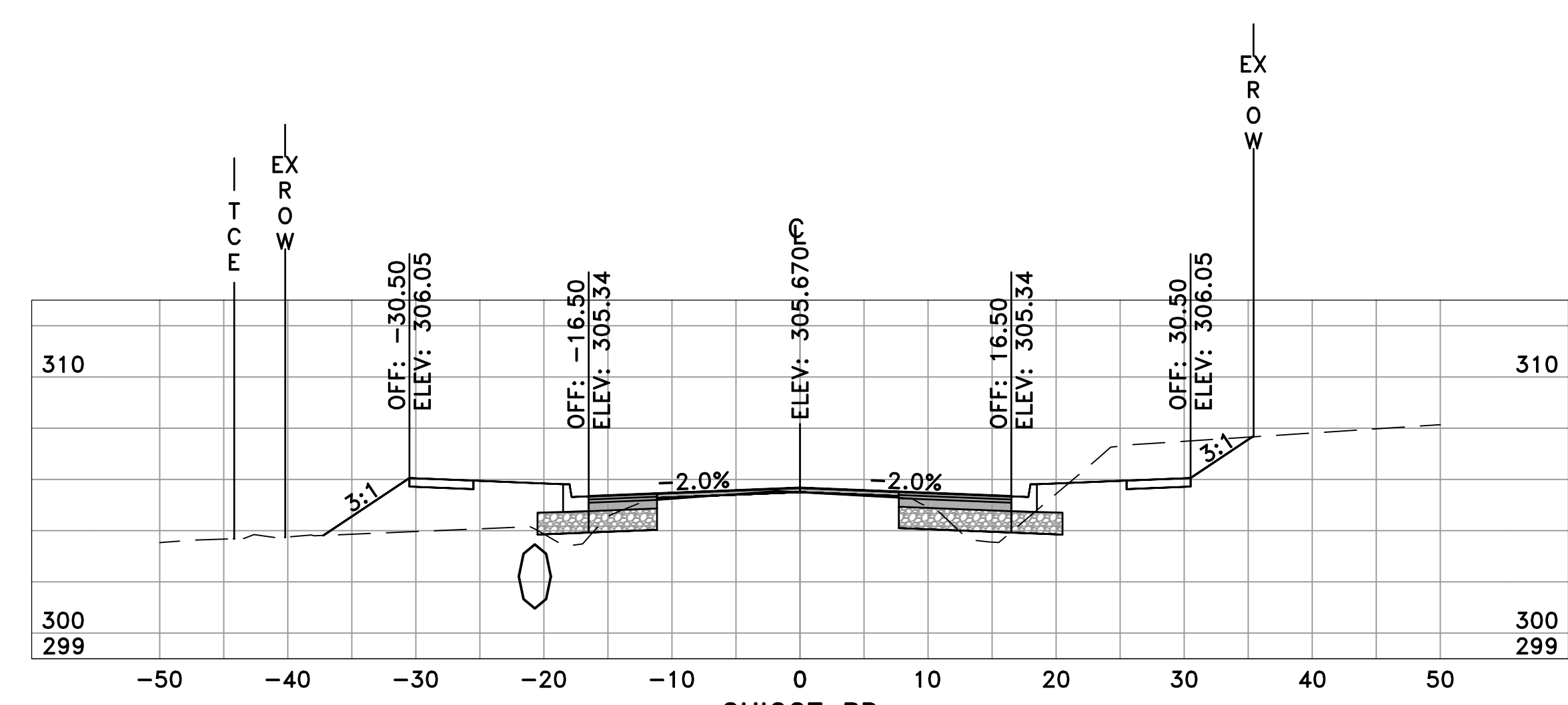
CHICOT RD
10+00
SL-49

	AREA	VOLUME	CUM. VOL.
CUT	22.04	46.07	356.73
FILL	23.12	46.65	382.39



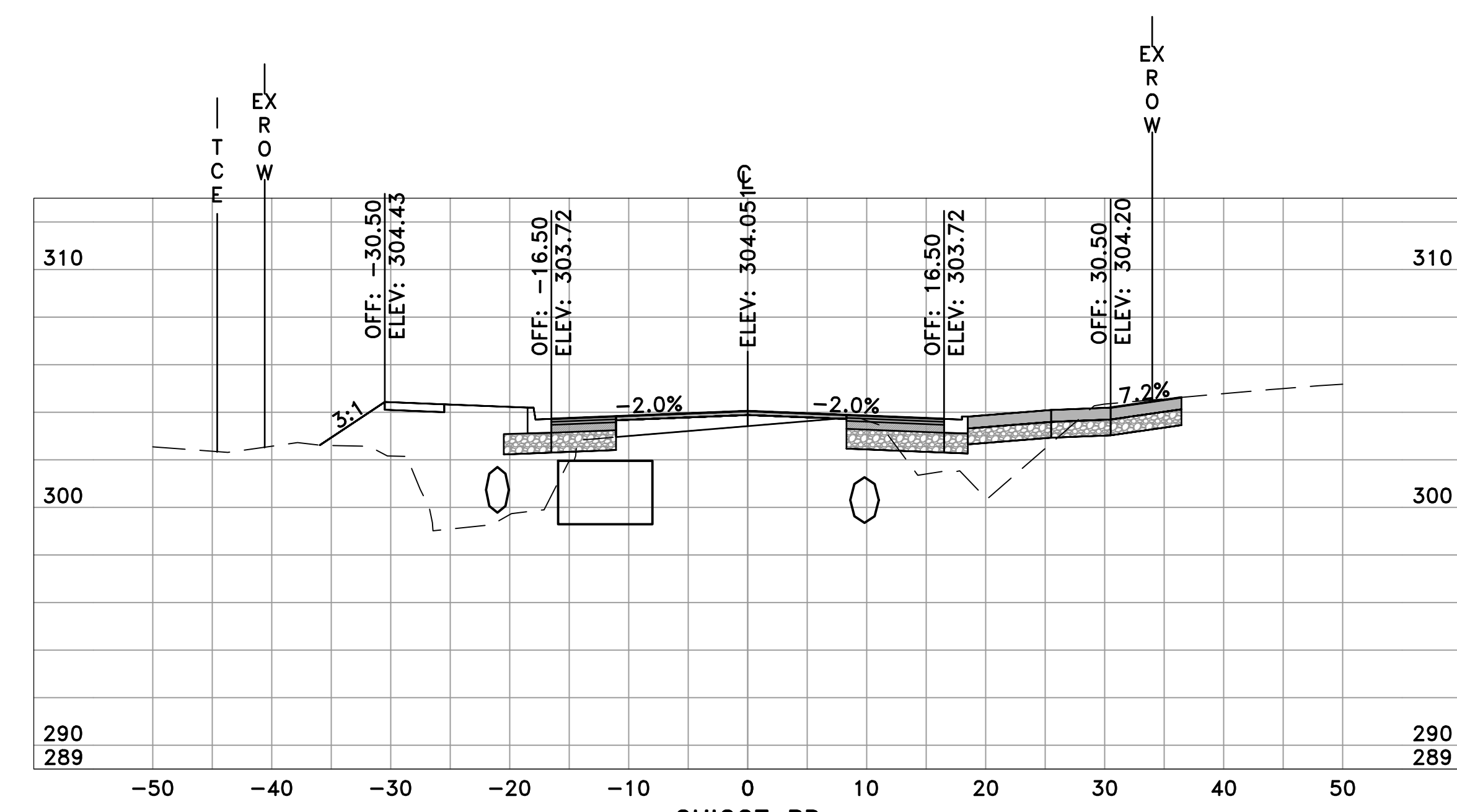
CHICOT RD
11+00
SL-51

	AREA	VOLUME	CUM. VOL.
CUT	12.72	27.72	420.80
FILL	55.88	126.20	604.45



CHICOT RD
9+50
SL-48

	AREA	VOLUME	CUM. VOL.
CUT	27.71	32.75	310.66
FILL	27.27	63.84	335.73



CHICOT RD
10+50
SL-50

	AREA	VOLUME	CUM. VOL.
CUT	17.21	36.35	393.08
FILL	80.42	95.86	478.25

REVISIONS	DATE

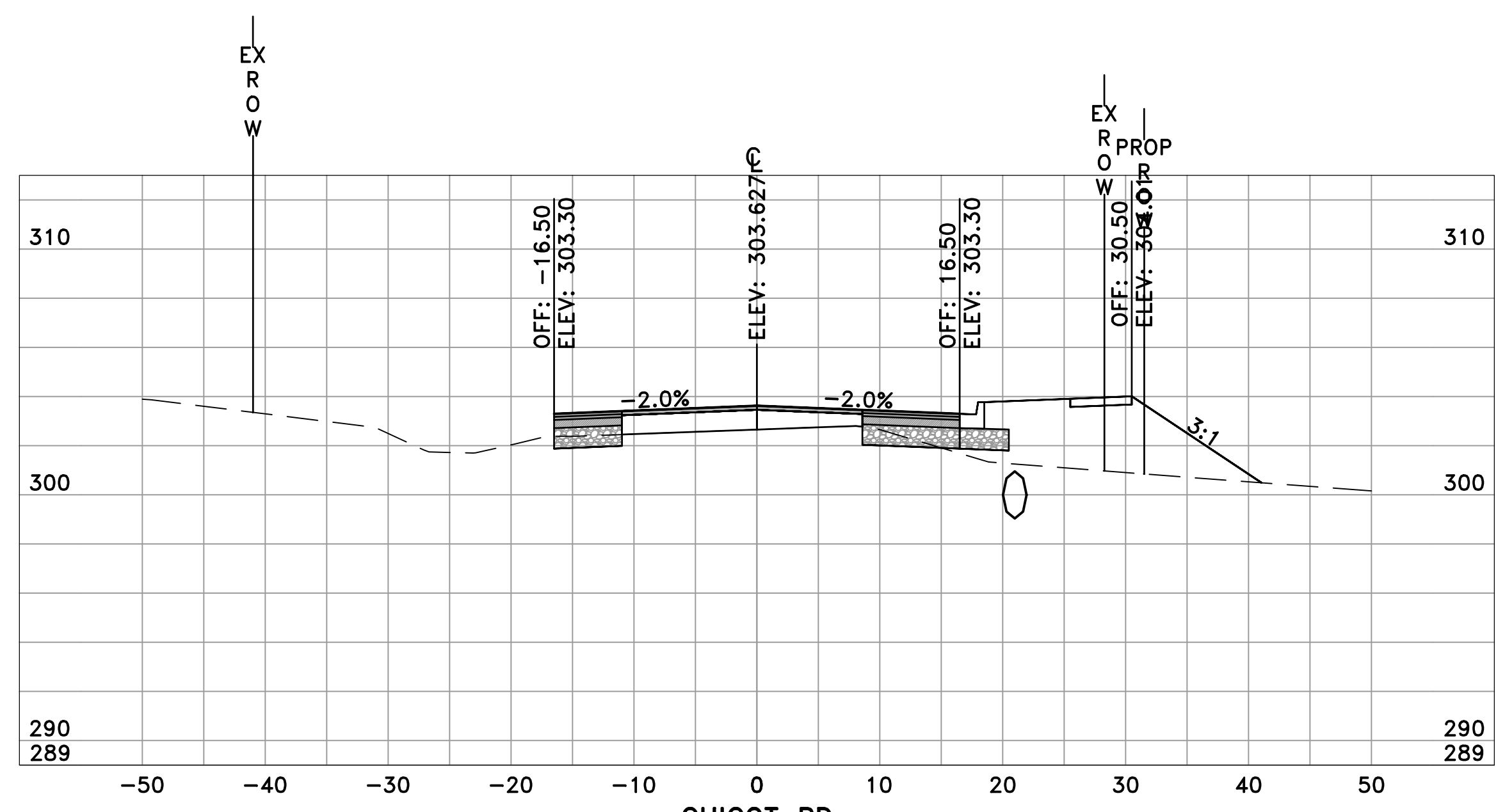
CITY OF LITTLE ROCK, ARKANSAS
CHICOT ROAD RECONSTRUCTION
CROSS SECTIONS (3)

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

SEAL

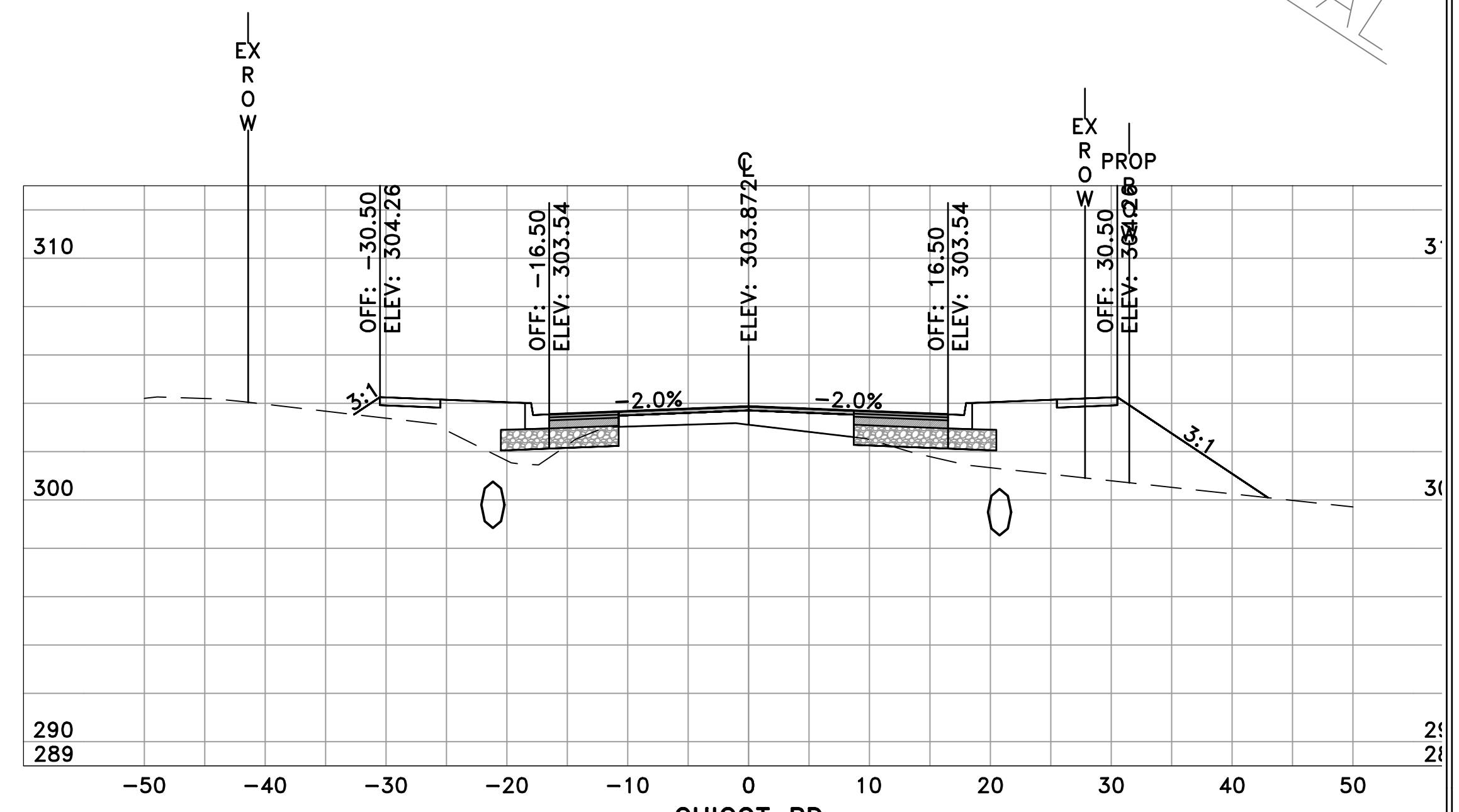
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DATE
6-28-2019
SCALE
H: 1"=10'
V: 1"=5'
PROJECT NO.
CLR 07-17-ST-357
SHEET NO.
C27

60% SUBMITTAL



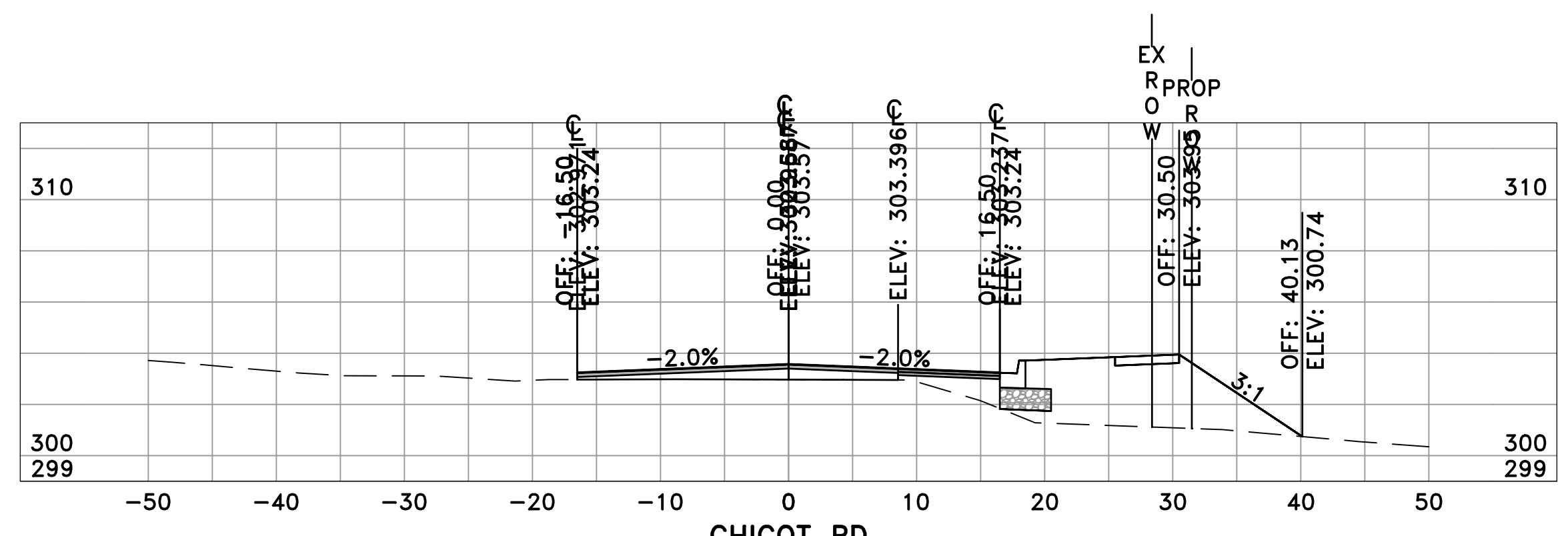
CHICOT RD
11+50
SL-52

	AREA	VOLUME	CUM. VOL.
CUT	5.22	5.13	433.07
FILL	59.16	54.90	701.62



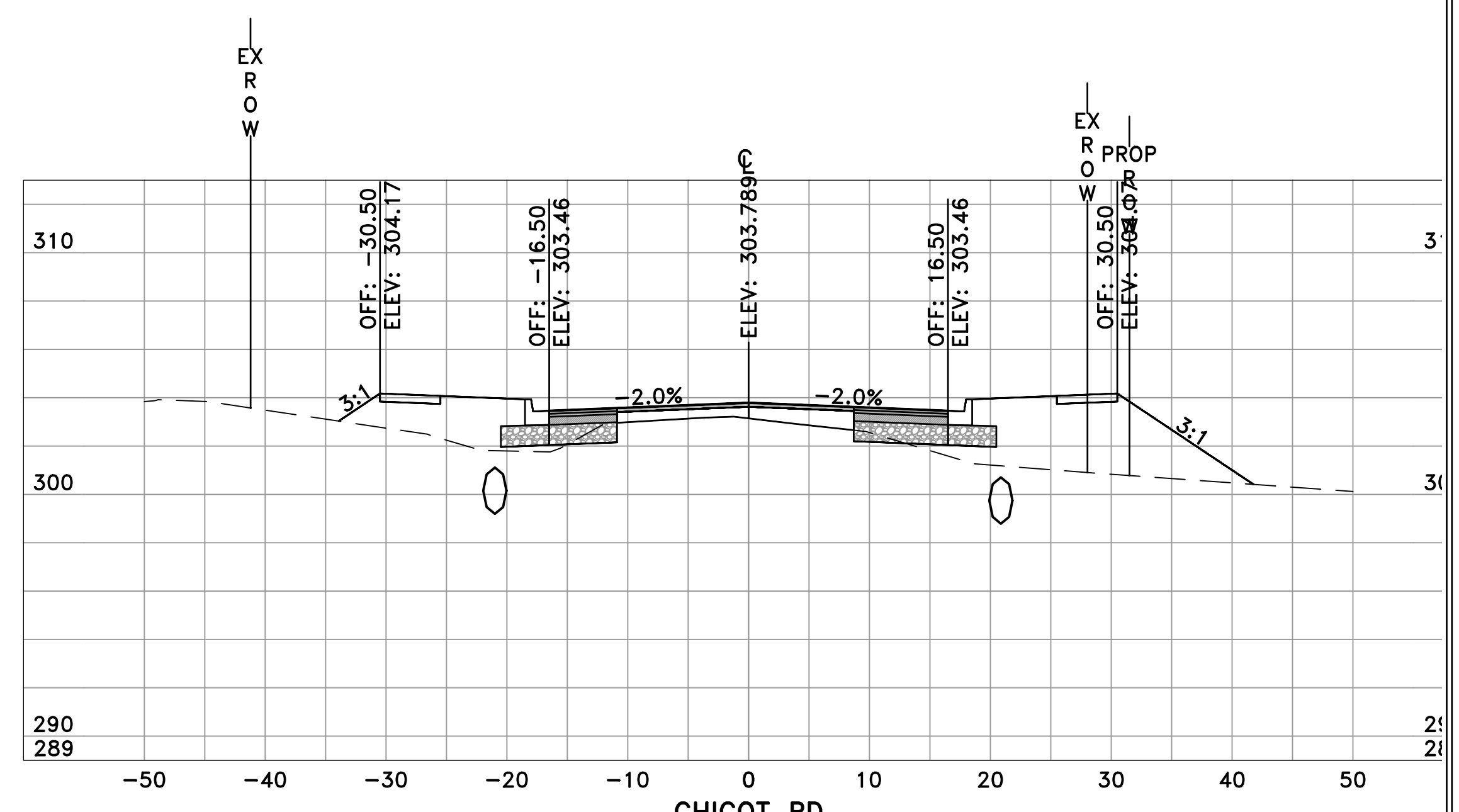
CHICOT RD
12+50
SL-54

	AREA	VOLUME	CUM. VOL.
CUT	3.05	5.77	446.61
FILL	81.94	151.02	982.57



CHICOT RD
11+22
SL-108

	AREA	VOLUME	CUM. VOL.
CUT	4.72	7.15	427.95
FILL	47.23	42.27	646.72



CHICOT RD
12+00
SL-53

	AREA	VOLUME	CUM. VOL.
CUT	3.17	7.77	440.84
FILL	81.17	129.93	831.55

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
CHICOT ROAD RECONSTRUCTION
CROSS SECTIONS (4)

DEPARTMENT OF PUBLIC WORKS
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SCALE
H: 1"=10'
V: 1"=5'
PROJECT NO.
CLR 07-17-ST-357
SHEET NO.
C28

60% SUBMITTAL

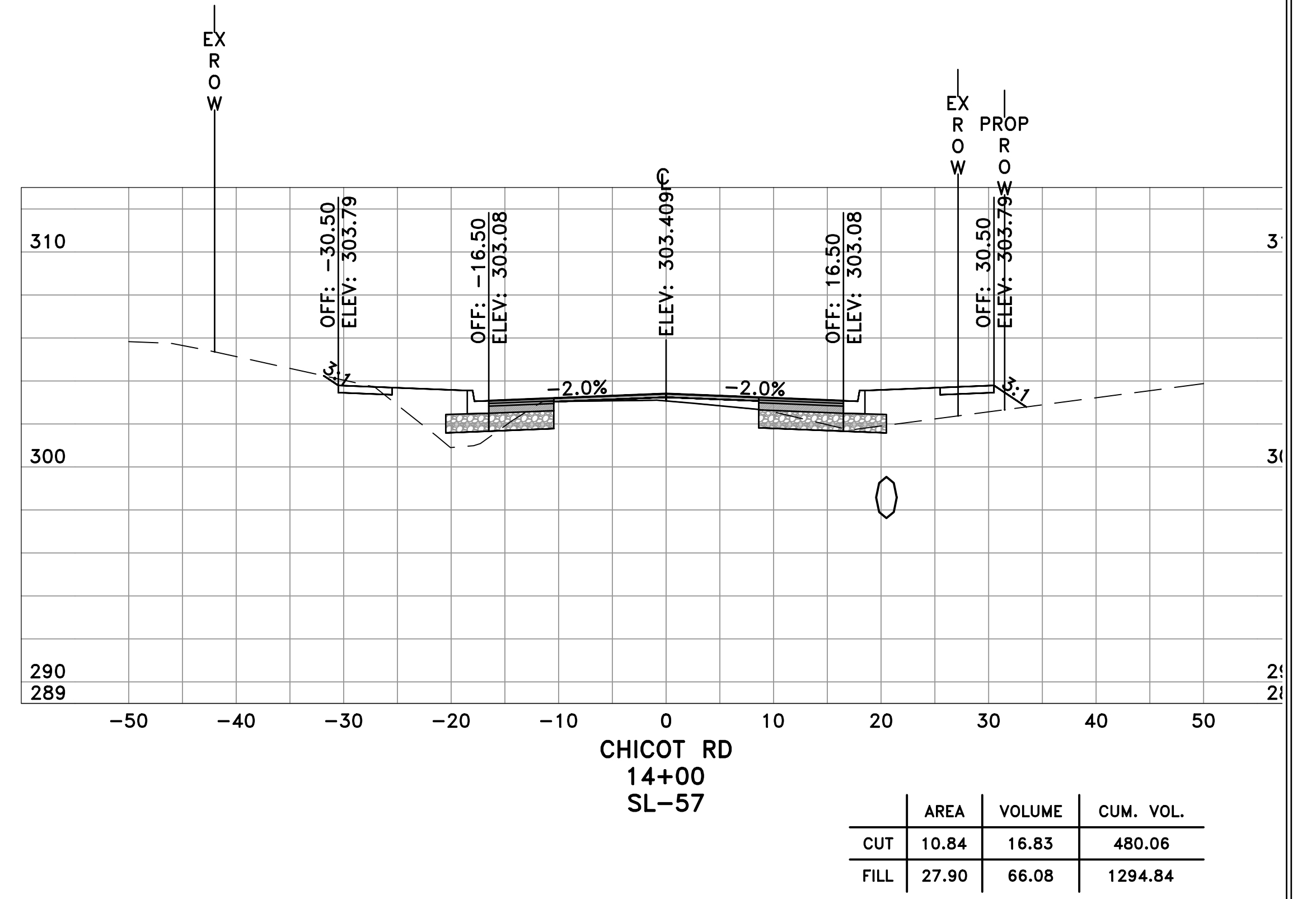
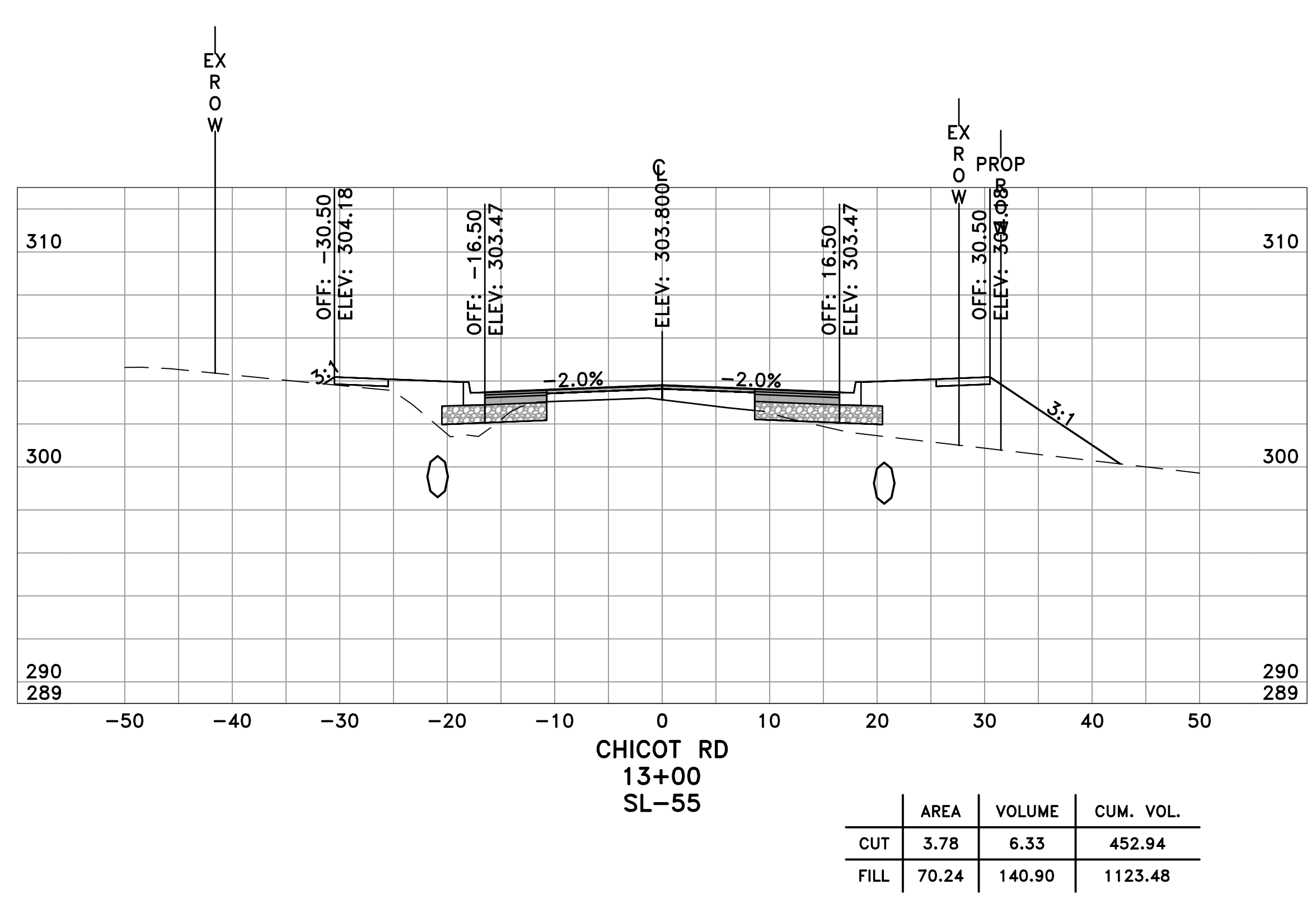
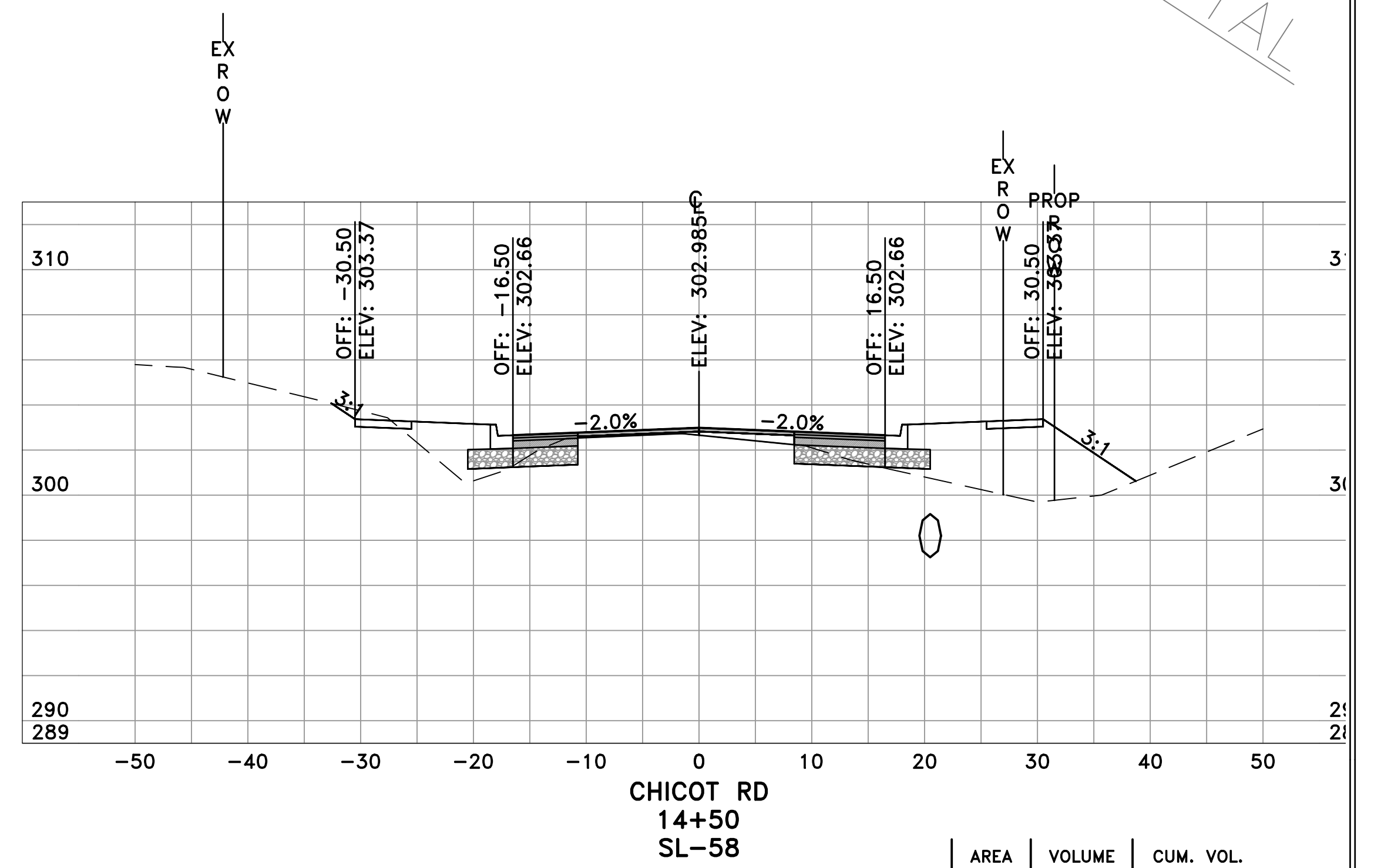
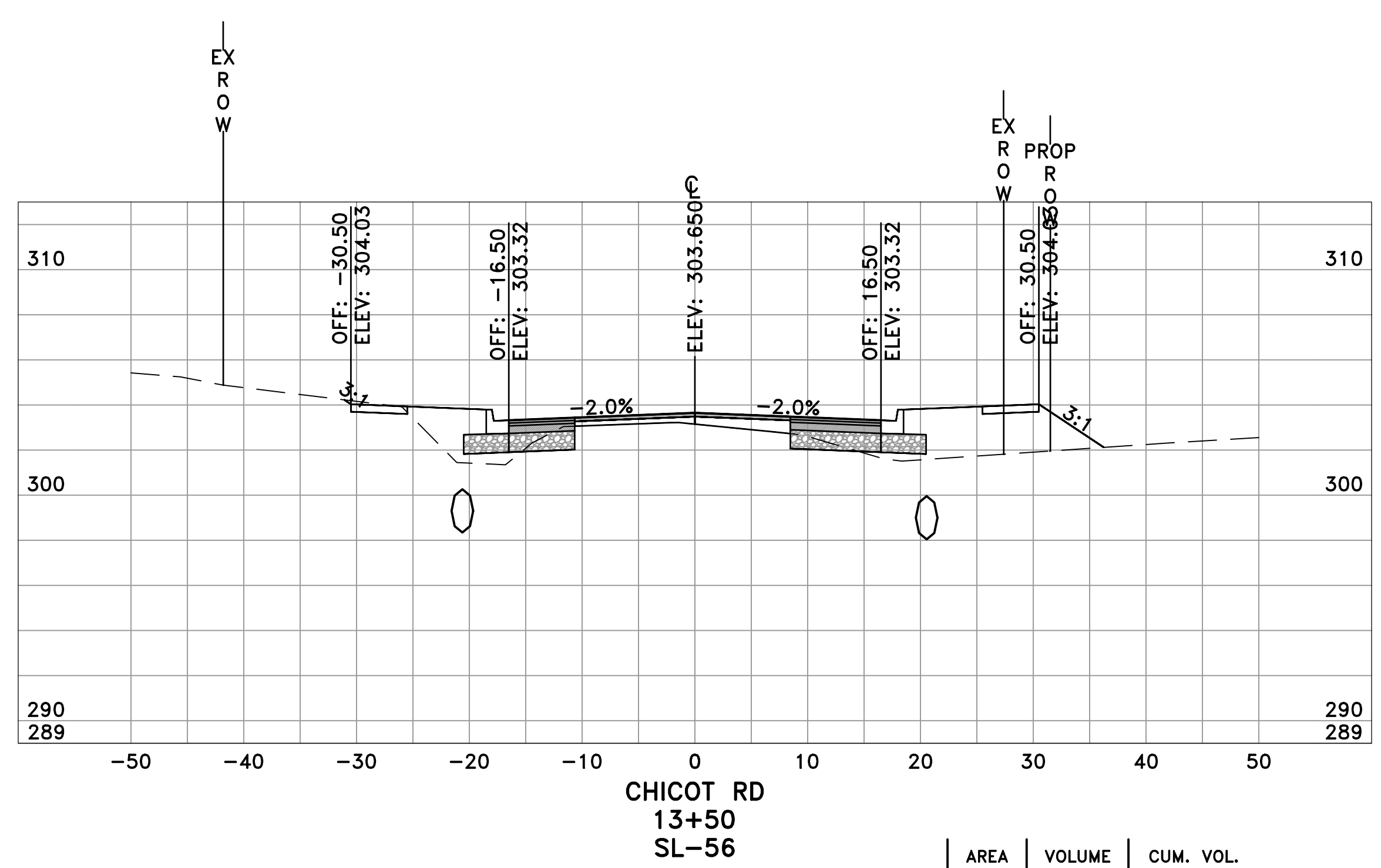
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 CHICOT ROAD RECONSTRUCTION
 CROSS SECTIONS (5)

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 DATE
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 SCALE
 H: 1"=10'
 V: 1"=5'
 PROJECT NO.
 CLR 07-17-ST-357
 SHEET NO.
 C29



60% SUBMITTAL

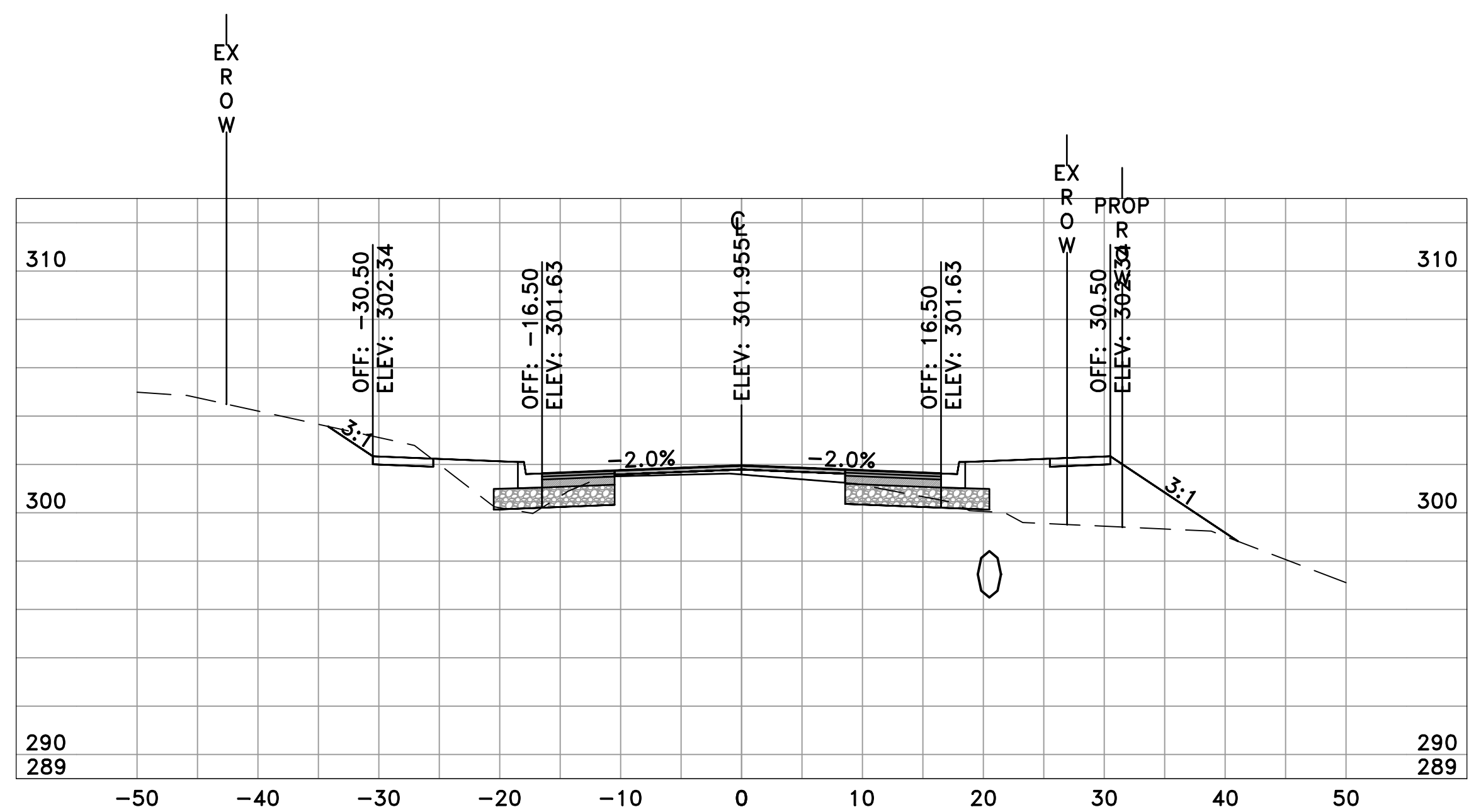
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 CHICOT ROAD RECONSTRUCTION
 CROSS SECTIONS (6)

DEPARTMENT OF PUBLIC WORKS
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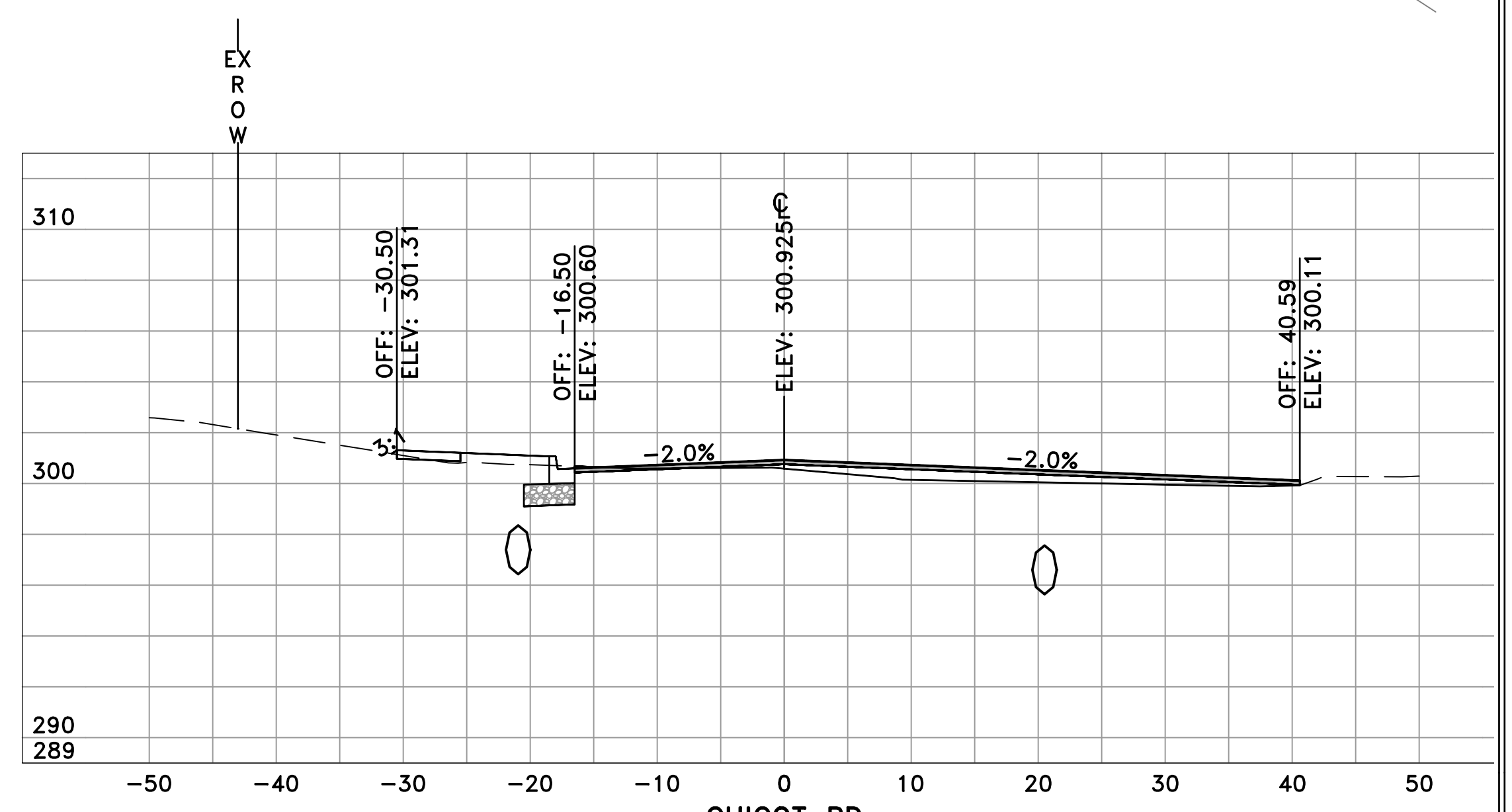
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 DATE
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 SCALE
 H: 1"=10'
 V: 1"=5'
 PROJECT NO.
 CLR 07-17-ST-357
 SHEET NO.
 C30



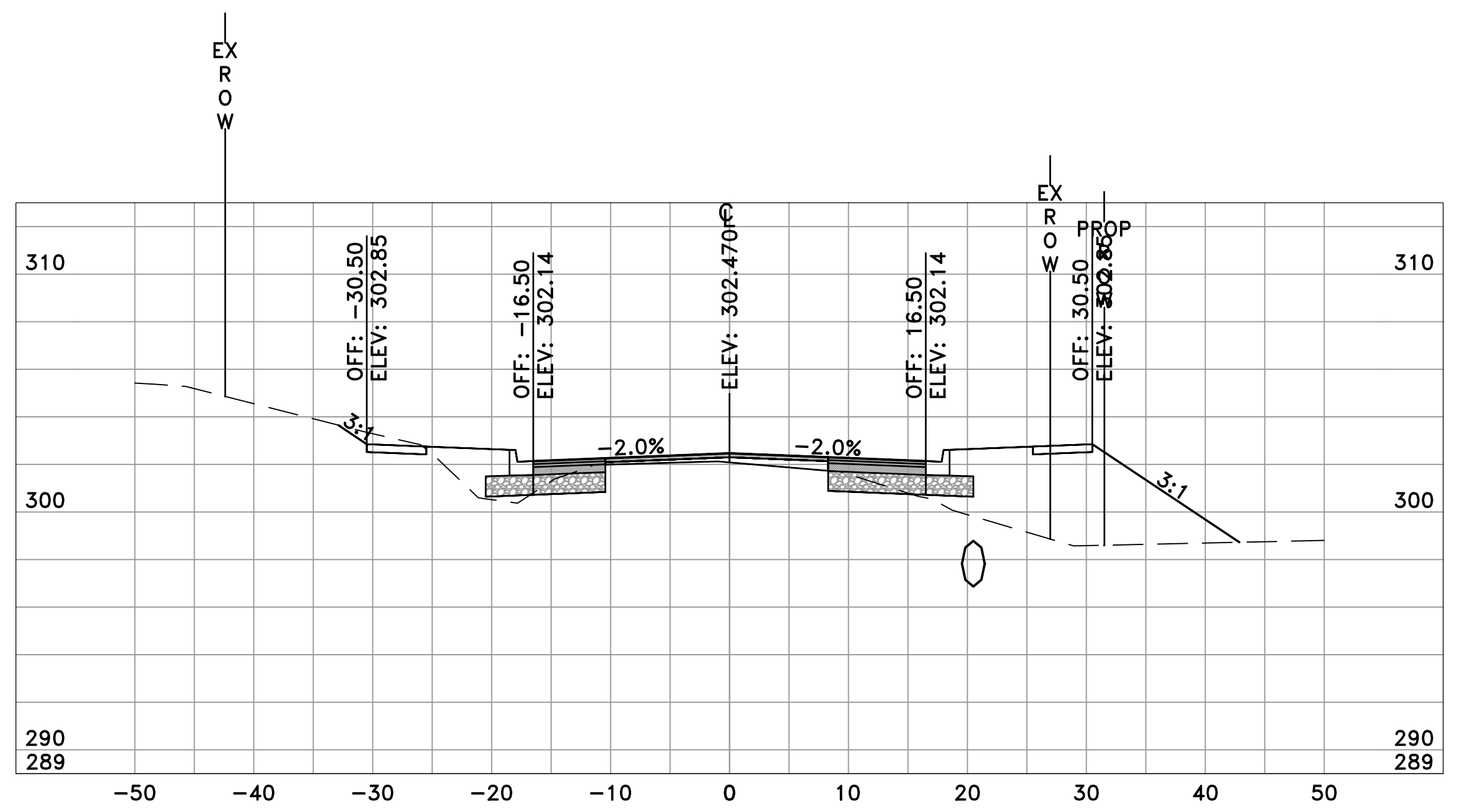
CHICOT RD
 15+50
 SL-60

	AREA	VOLUME	CUM. VOL.
CUT	15.68	25.18	544.82
FILL	47.27	112.29	1611.63



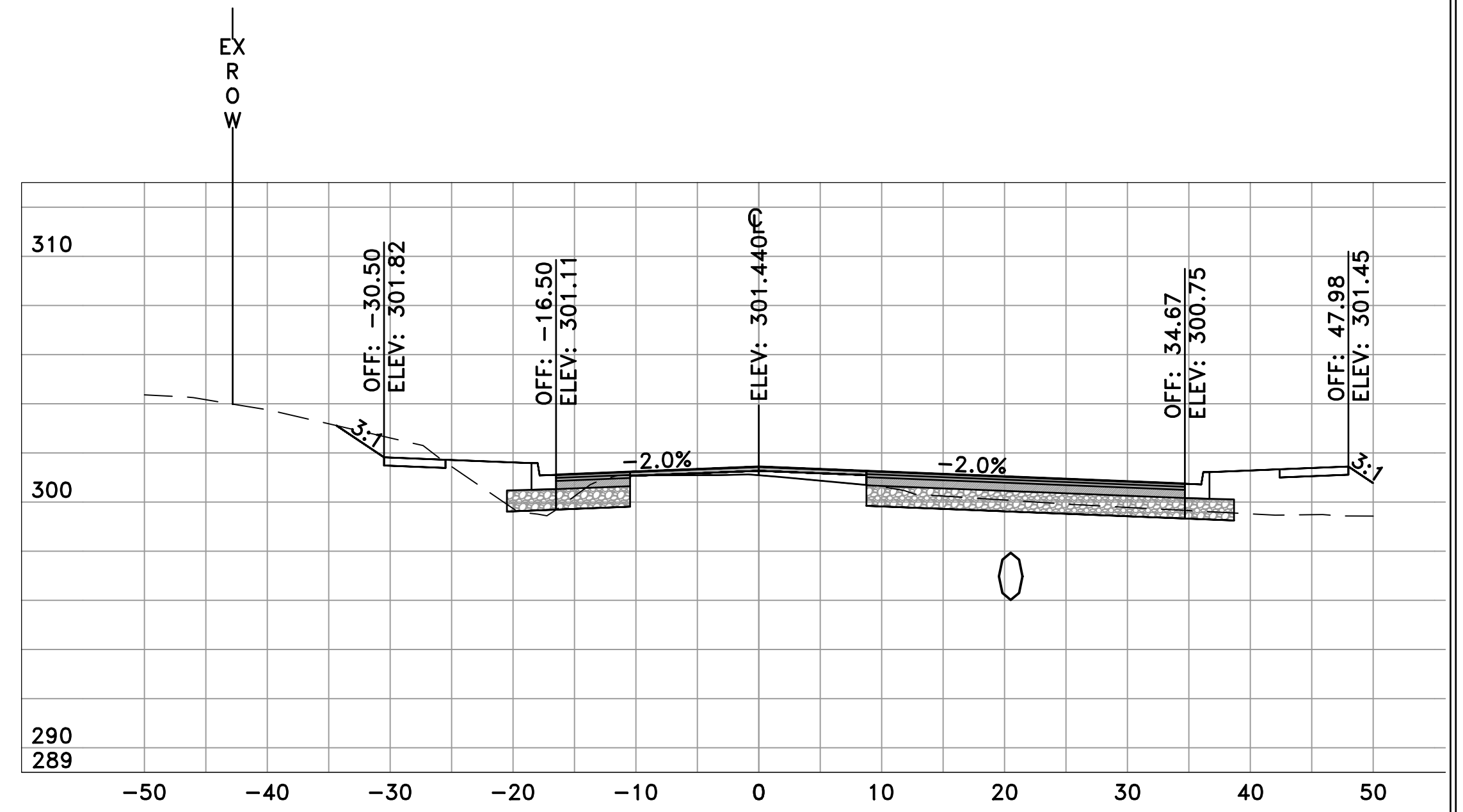
CHICOT RD
 16+50
 SL-62

	AREA	VOLUME	CUM. VOL.
CUT	7.40	29.75	611.98
FILL	13.08	37.23	1717.75



CHICOT RD
 15+00
 SL-59

	AREA	VOLUME	CUM. VOL.
CUT	11.52	20.10	519.64
FILL	74.00	123.60	1499.34



CHICOT RD
 16+00
 SL-61

	AREA	VOLUME	CUM. VOL.
CUT	24.73	37.41	582.23
FILL	27.13	68.89	1680.52

60% SUBMITTAL

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 CHICOT ROAD RECONSTRUCTION
 CROSS SECTIONS (7)

DEPARTMENT OF PUBLIC WORKS
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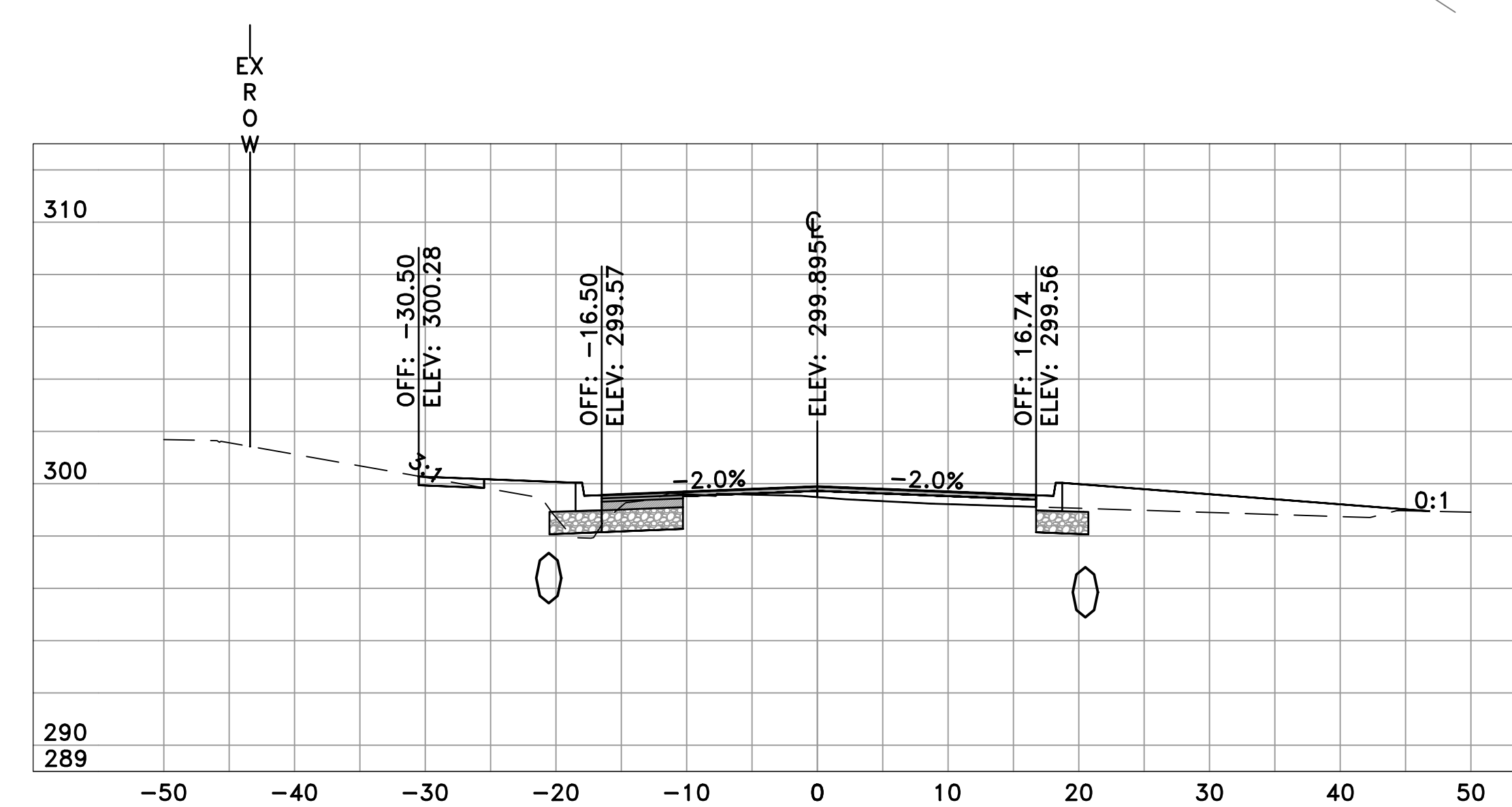
SEAL

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 6-28-2019
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 H: 1"=10'
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 PROJECT NO.
 CLR 07-17-ST-357
 SHEET NO.
 C31



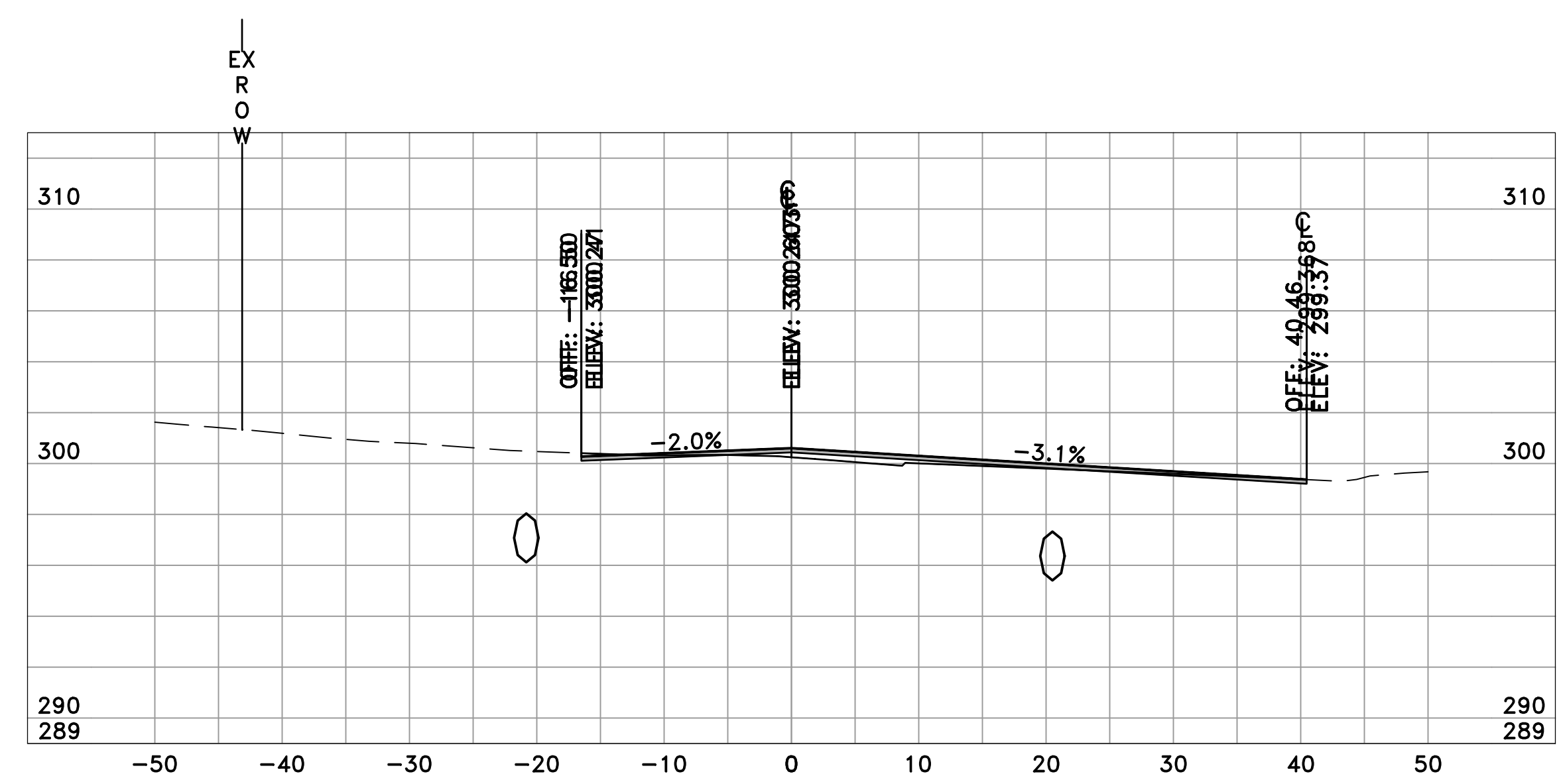
CHICOT RD
 17+00
 SL-63

	AREA	VOLUME	CUM. VOL.
CUT	4.61	2.70	620.80
FILL	2.71	2.10	1729.37



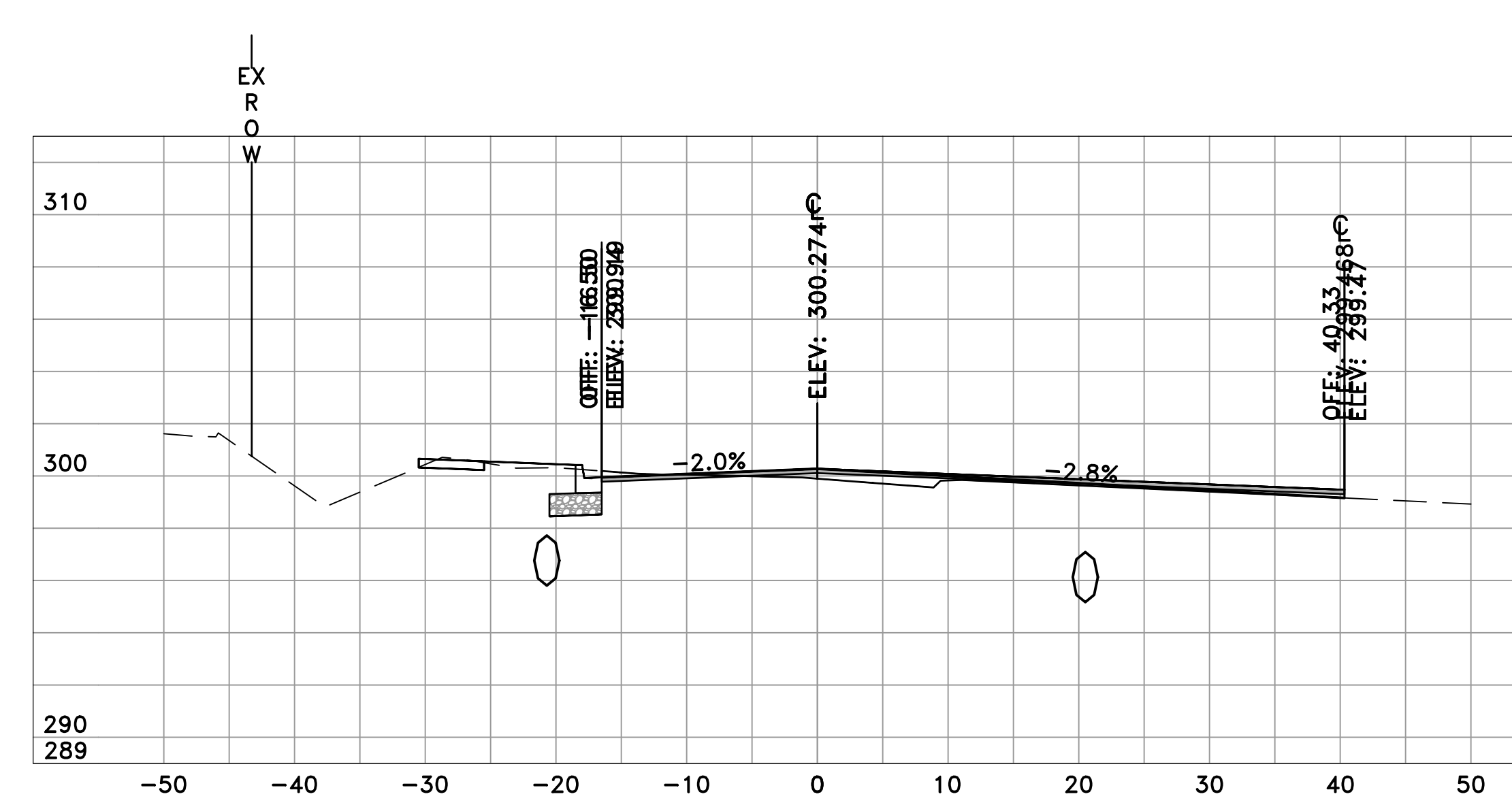
CHICOT RD
 17+50
 SL-64

	AREA	VOLUME	CUM. VOL.
CUT	12.34	15.63	640.13
FILL	23.38	20.00	1751.48



CHICOT RD
 16+81
 SL-109

	AREA	VOLUME	CUM. VOL.
CUT	3.17	6.12	618.11
FILL	3.36	9.52	1727.27



CHICOT RD
 17+13
 SL-110

	AREA	VOLUME	CUM. VOL.
CUT	10.57	3.70	624.50
FILL	5.94	2.11	1731.48

60% SUBMITTAL

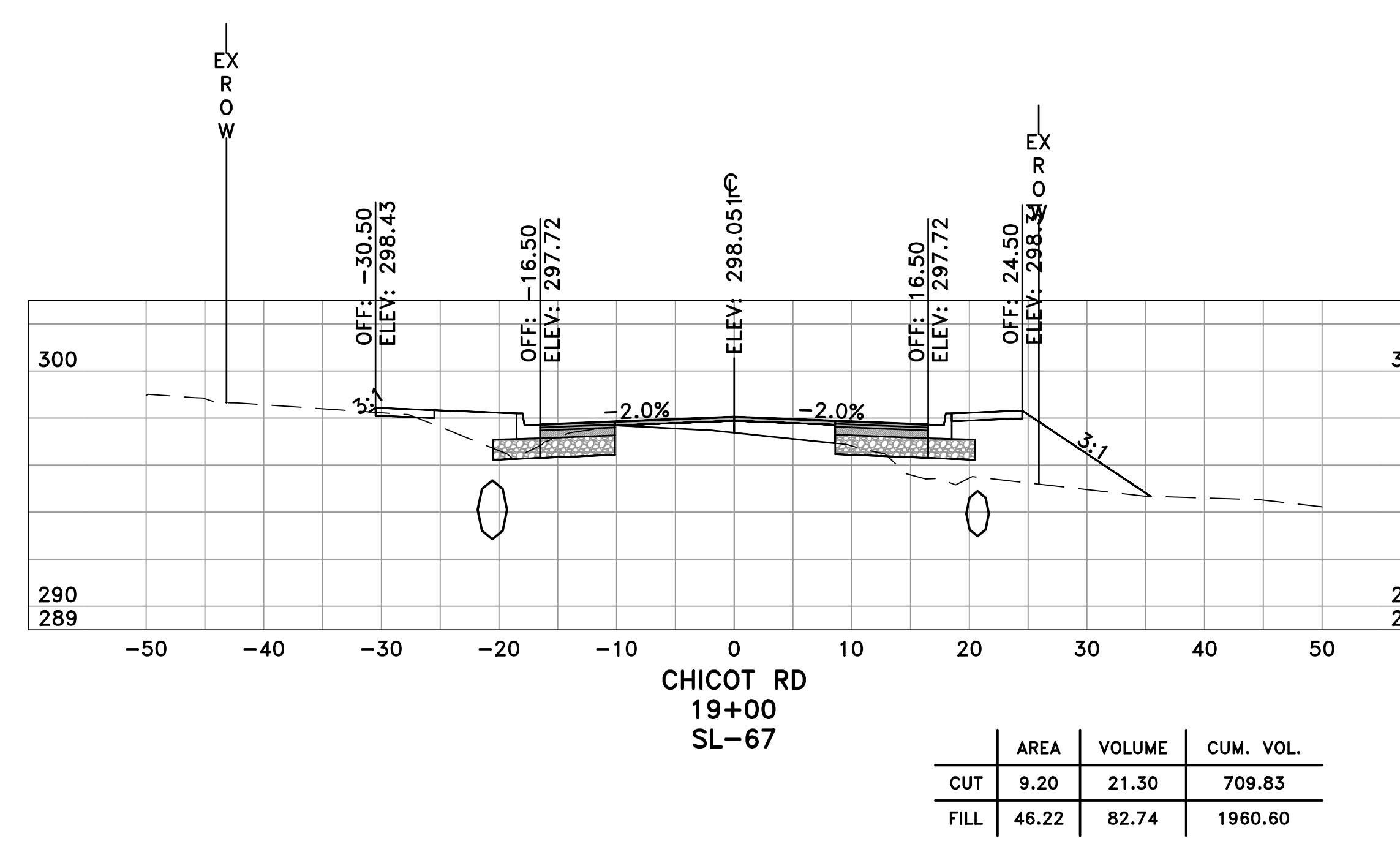
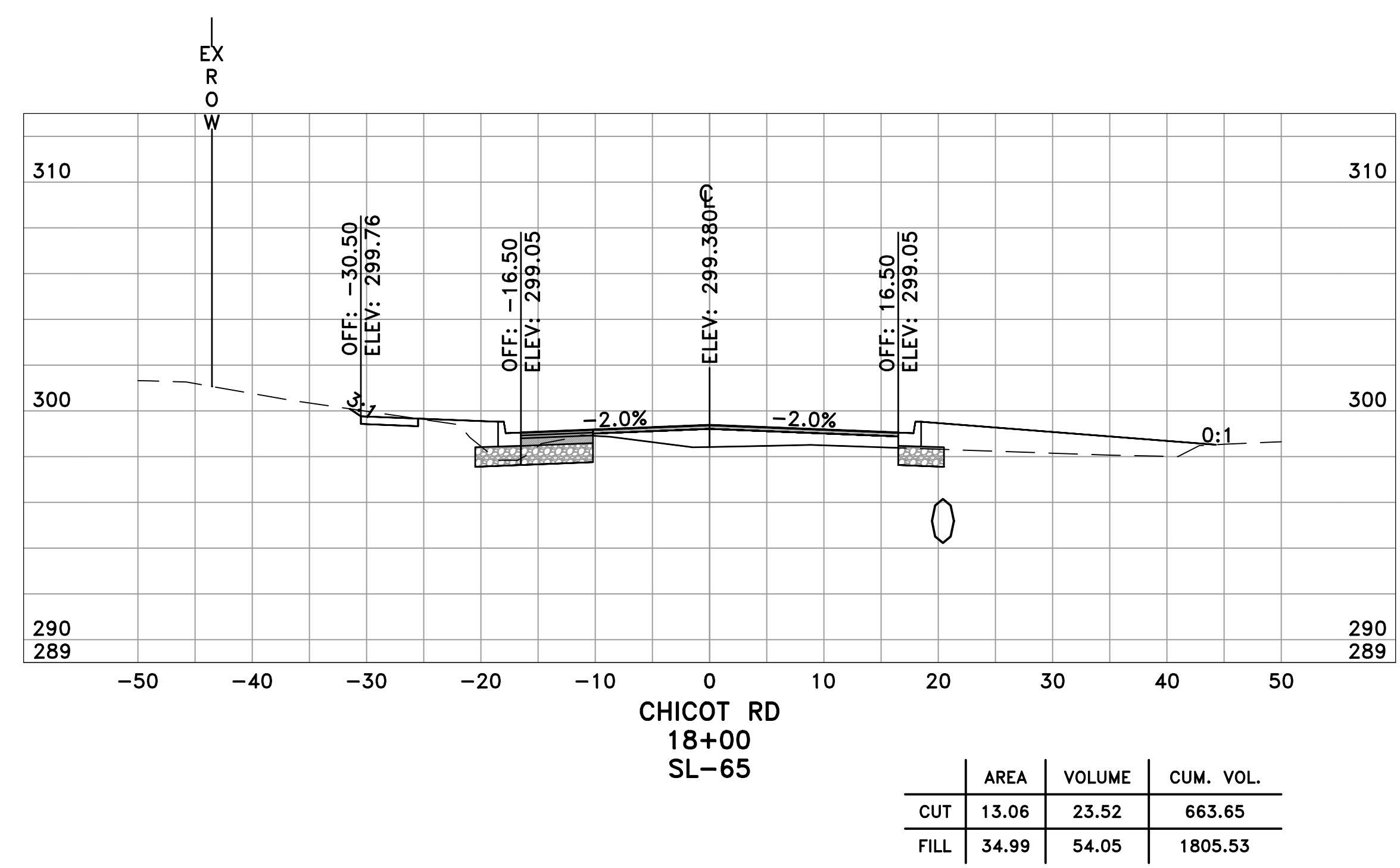
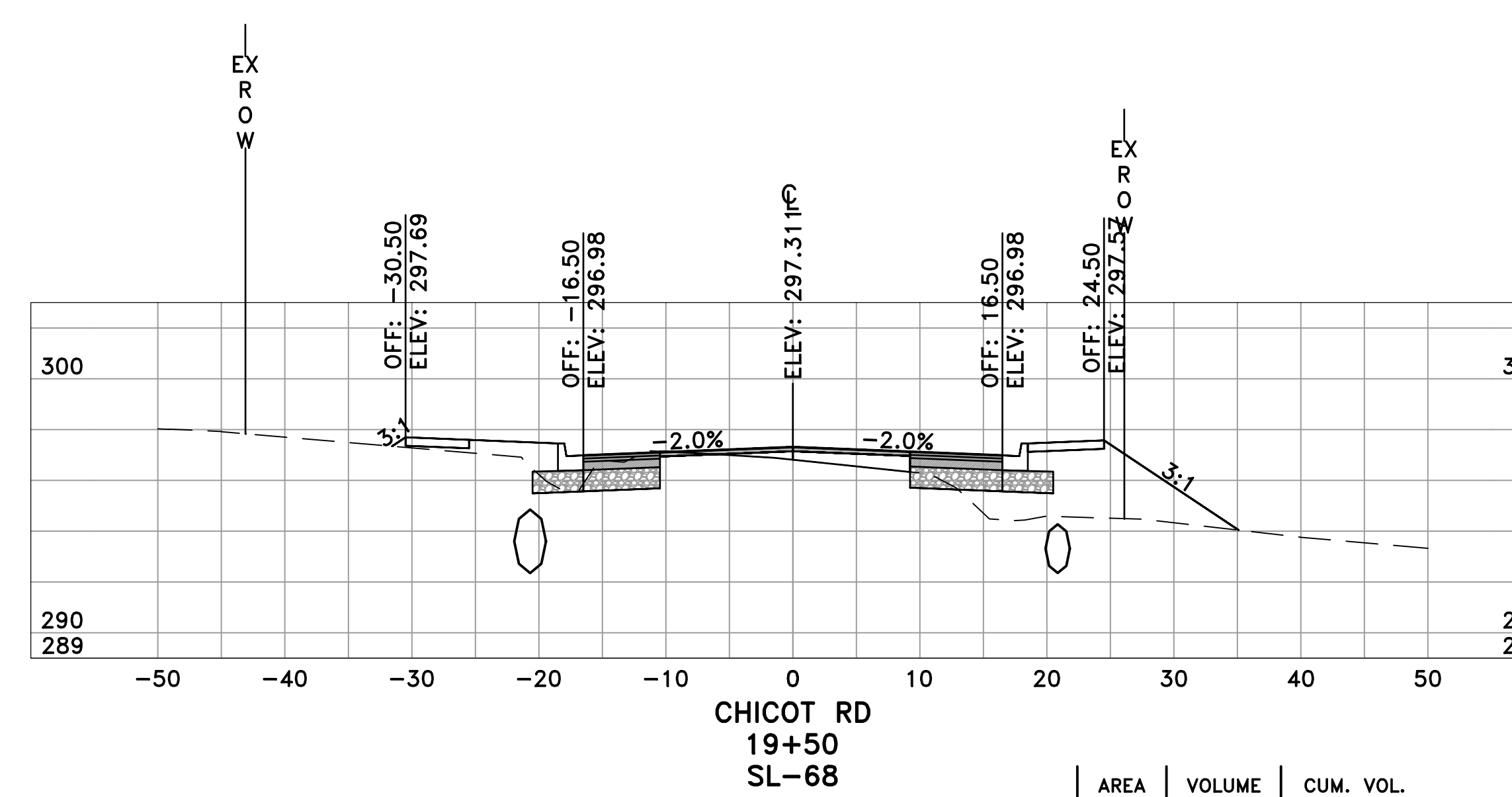
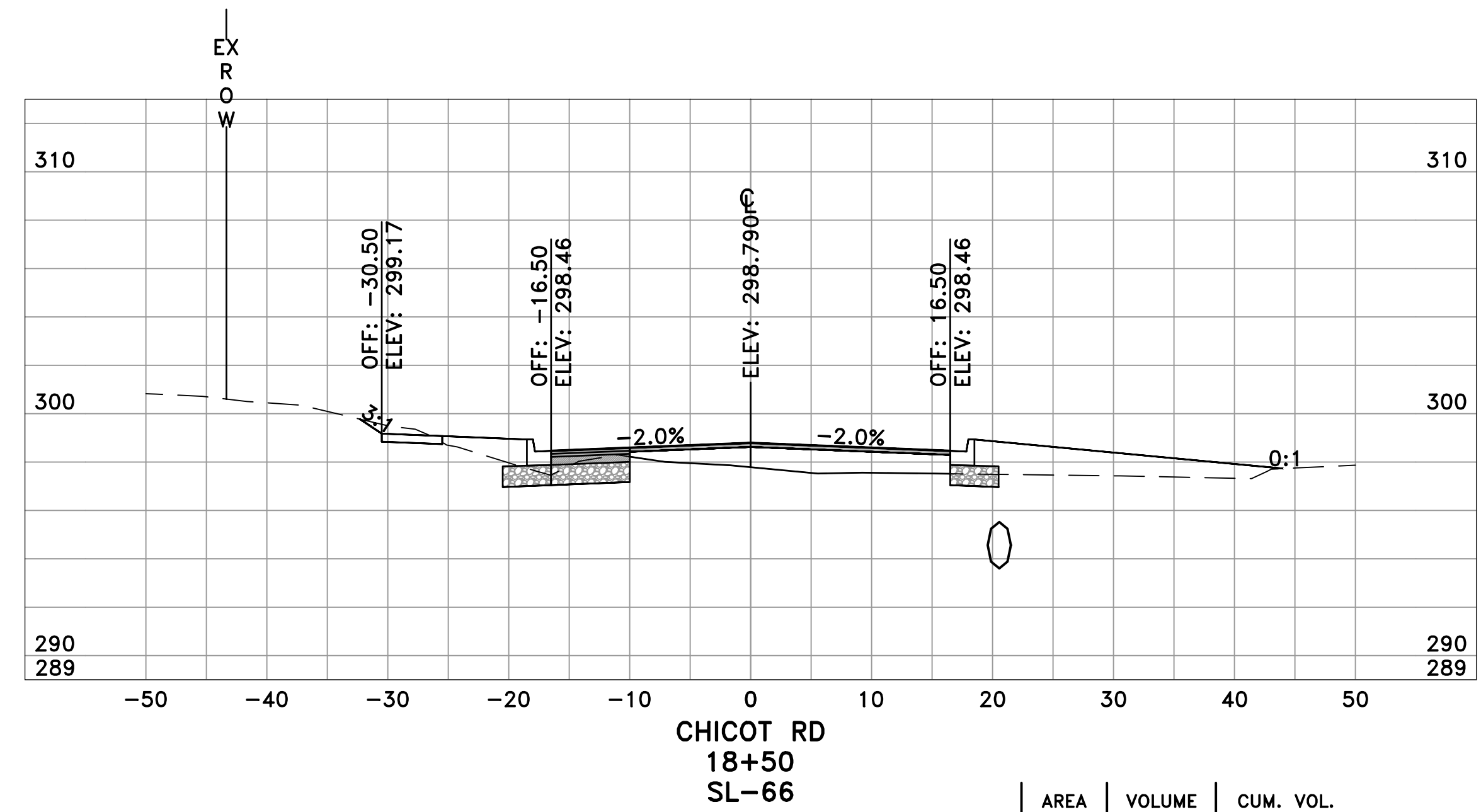
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 CHICOT ROAD RECONSTRUCTION
 CROSS SECTIONS (8)

DEPARTMENT OF PUBLIC WORKS
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 PROJECT NO.
 CLR 07-17-ST-357
 SHEET NO.
 C32



60% SUBMITTAL

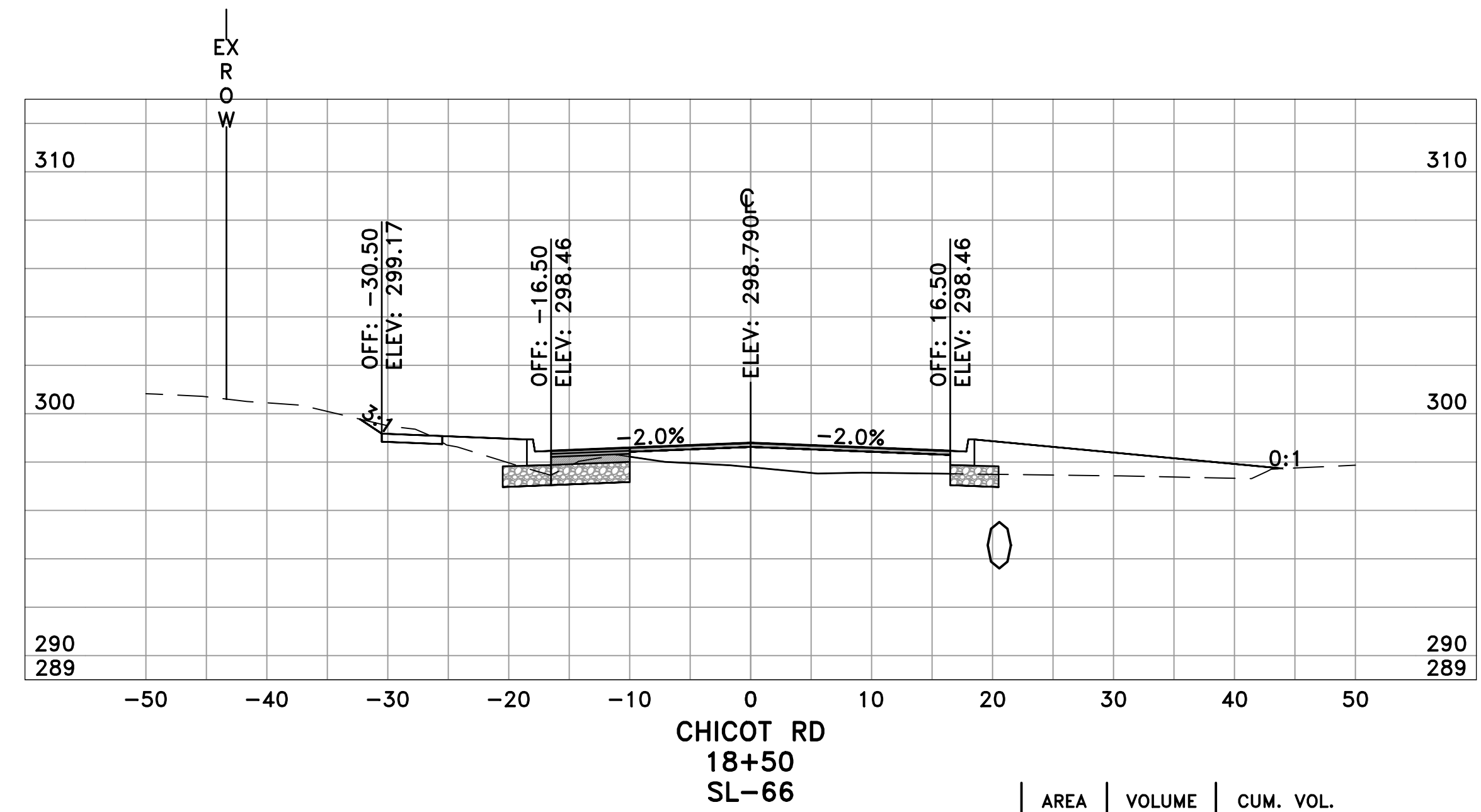
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 CHICOT ROAD RECONSTRUCTION
 CROSS SECTIONS (9)

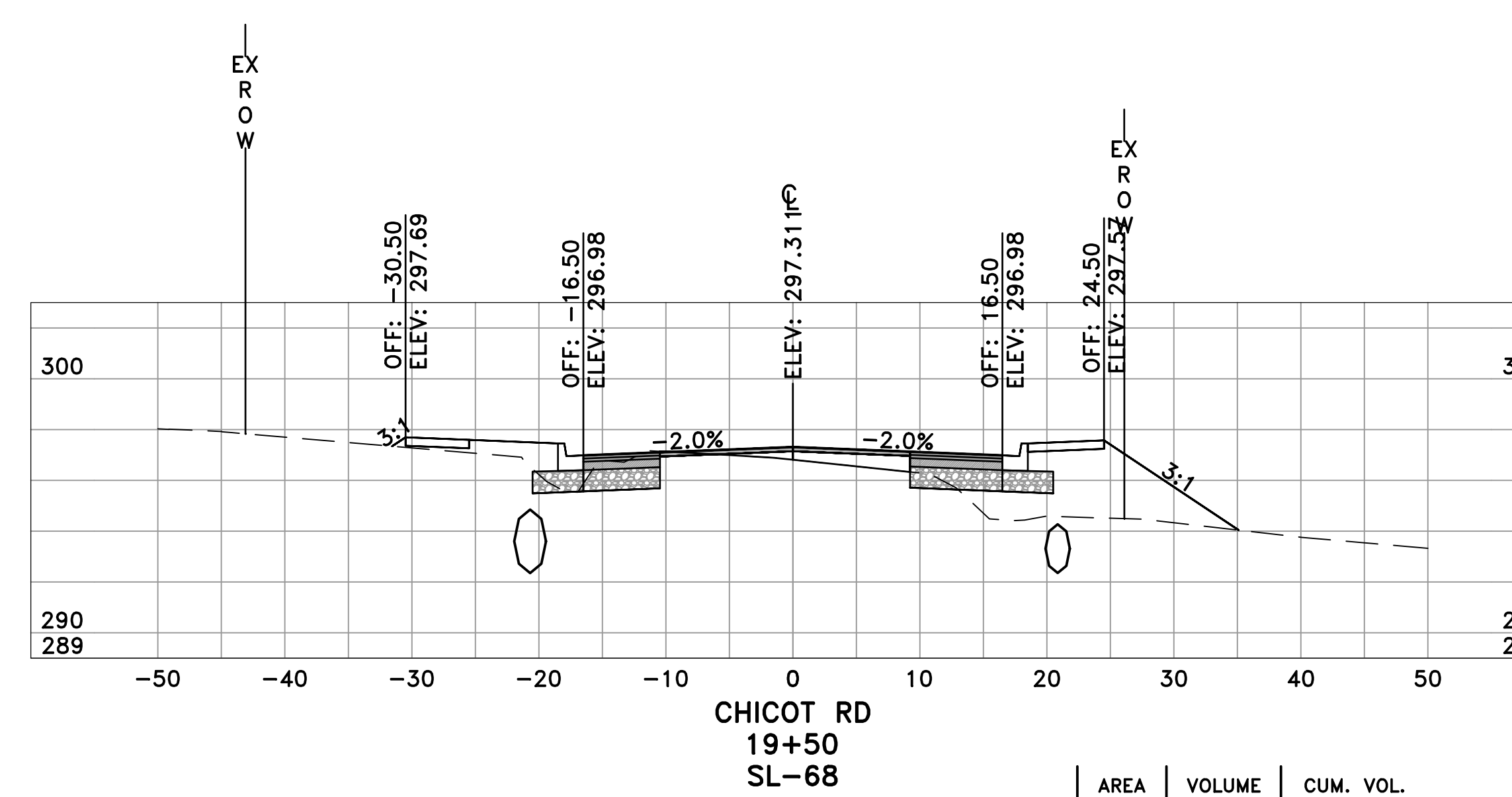
DEPARTMENT OF PUBLIC WORKS
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SEAL

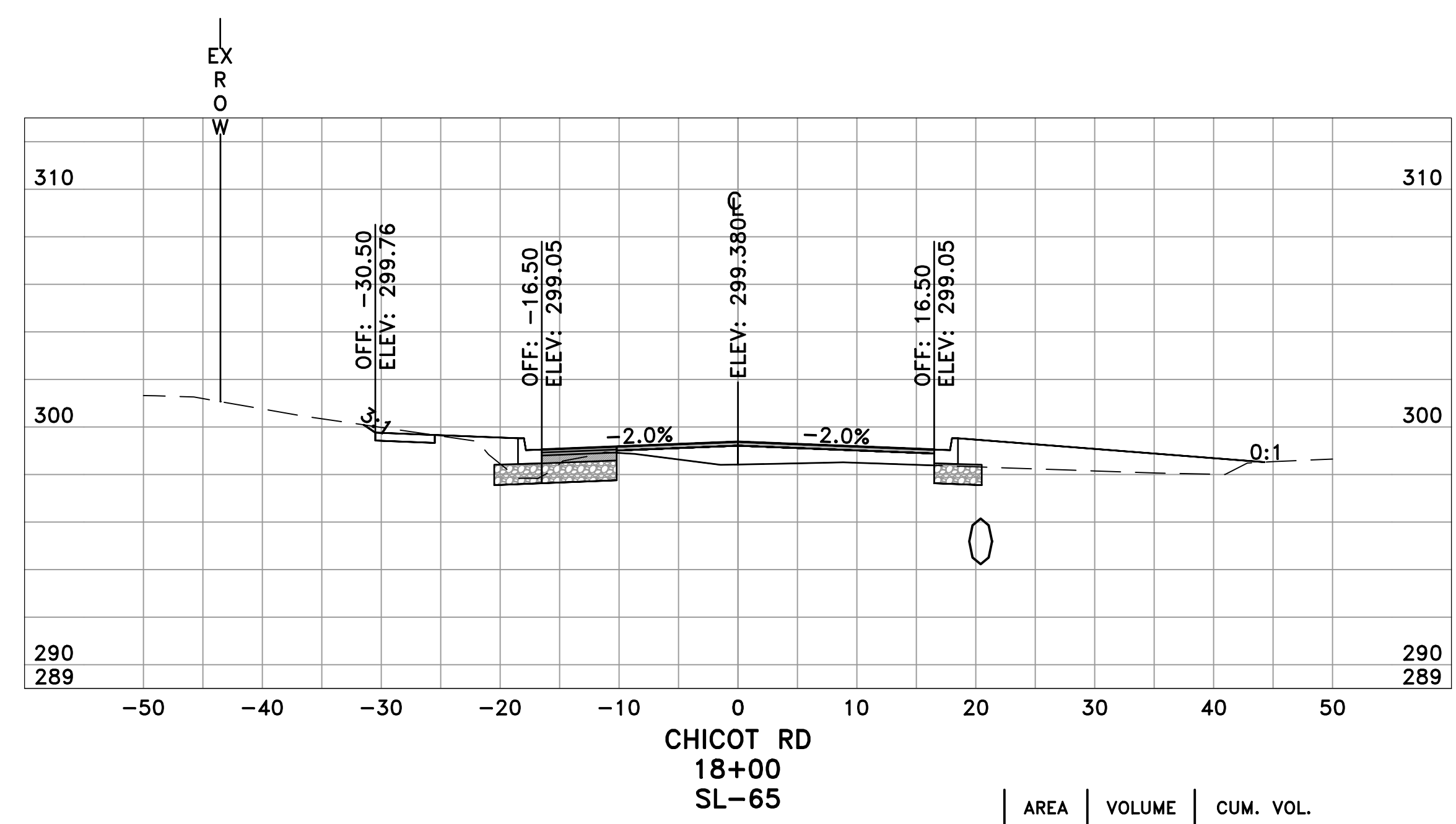
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 SCALE
 H: 1"=10'
 V: 1"=5'
 PROJECT NO.
 CLR 07-17-ST-357
 SHEET NO.
 C33



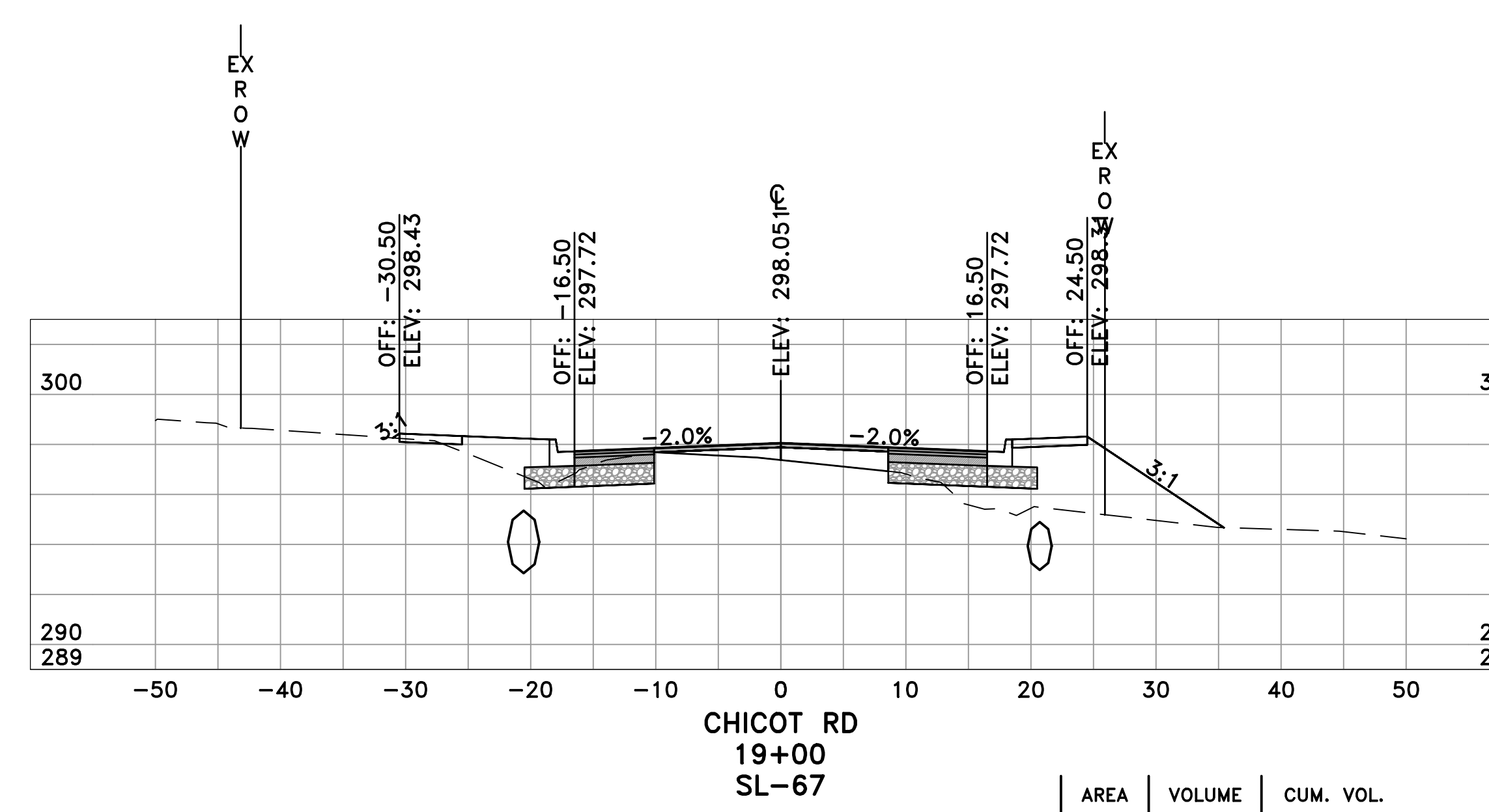
	AREA	VOLUME	CUM. VOL.
CUT	13.81	24.88	688.53
FILL	43.14	72.34	1877.86



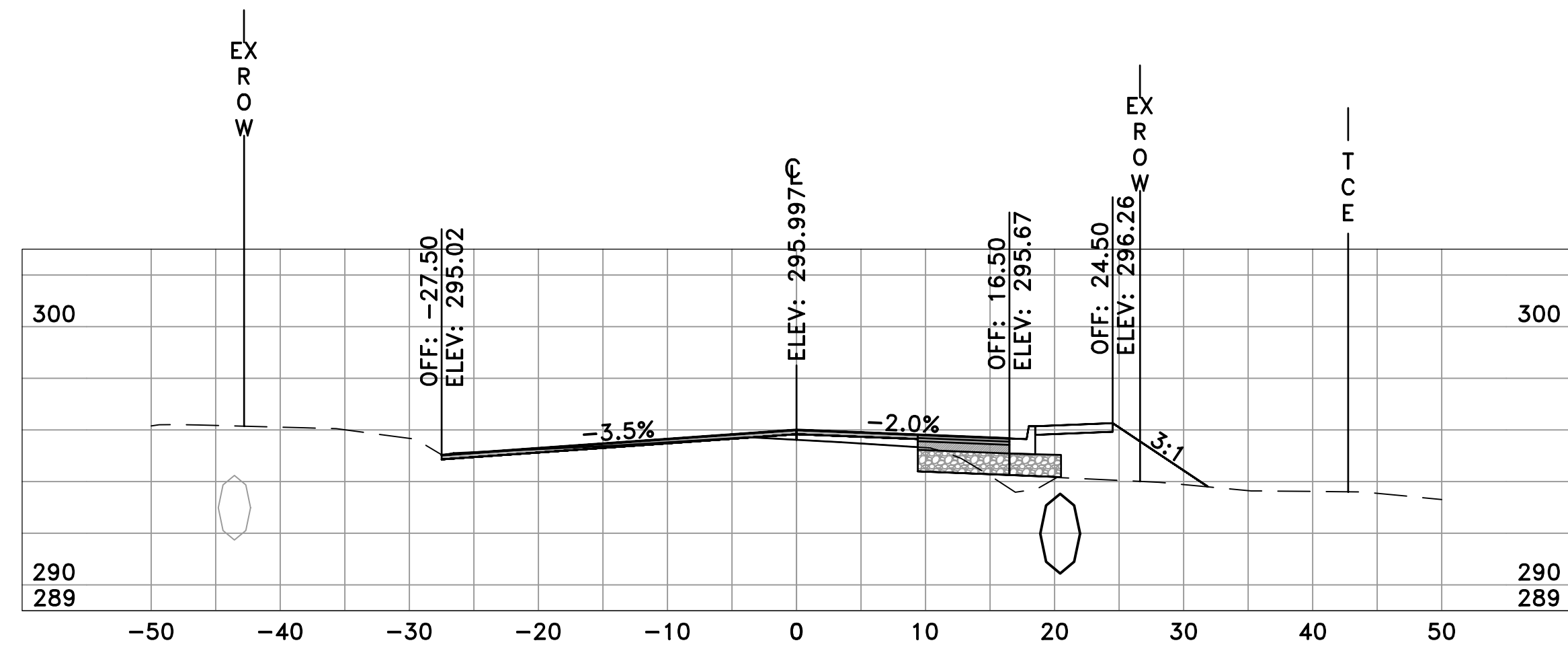
	AREA	VOLUME	CUM. VOL.
CUT	10.26	18.02	727.86
FILL	42.18	81.86	2042.46



	AREA	VOLUME	CUM. VOL.
CUT	13.06	23.52	663.65
FILL	34.99	54.05	1805.53

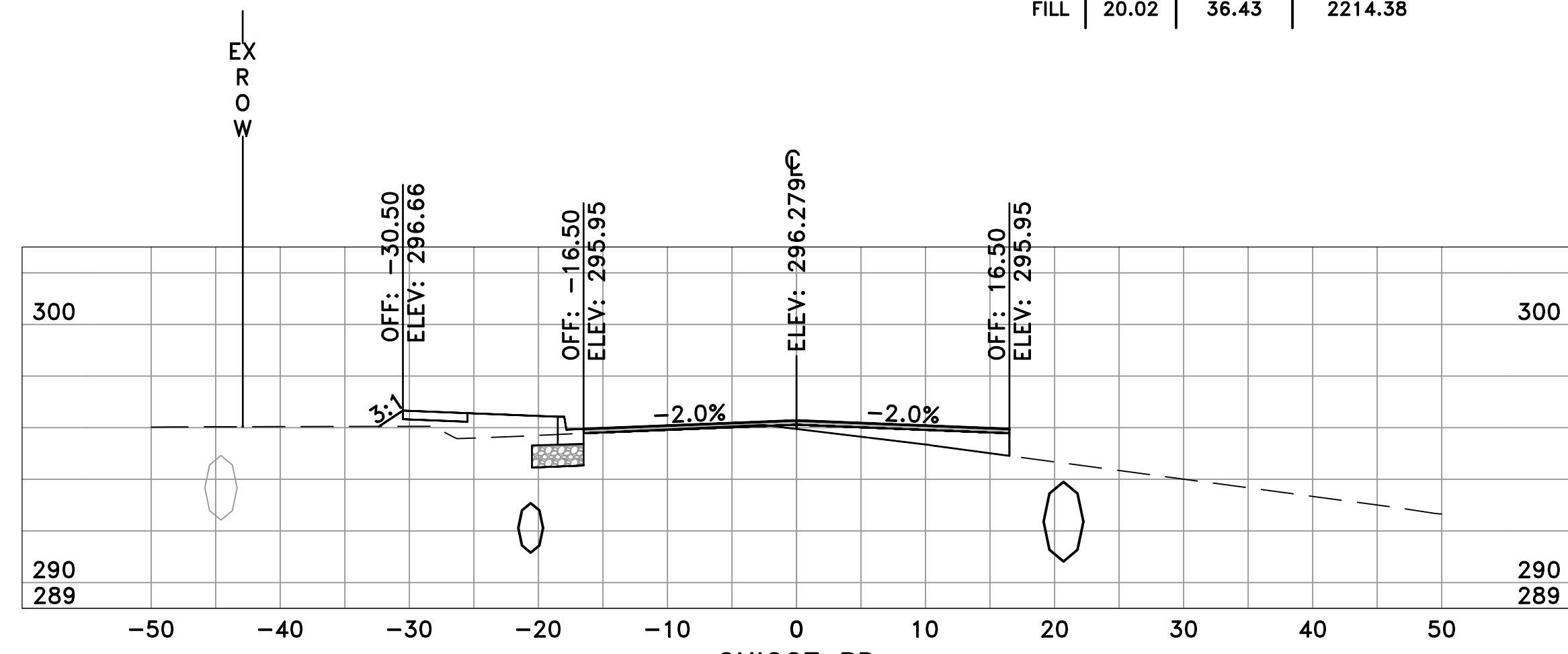


	AREA	VOLUME	CUM. VOL.
CUT	9.20	21.30	709.83
FILL	46.22	82.74	1960.60



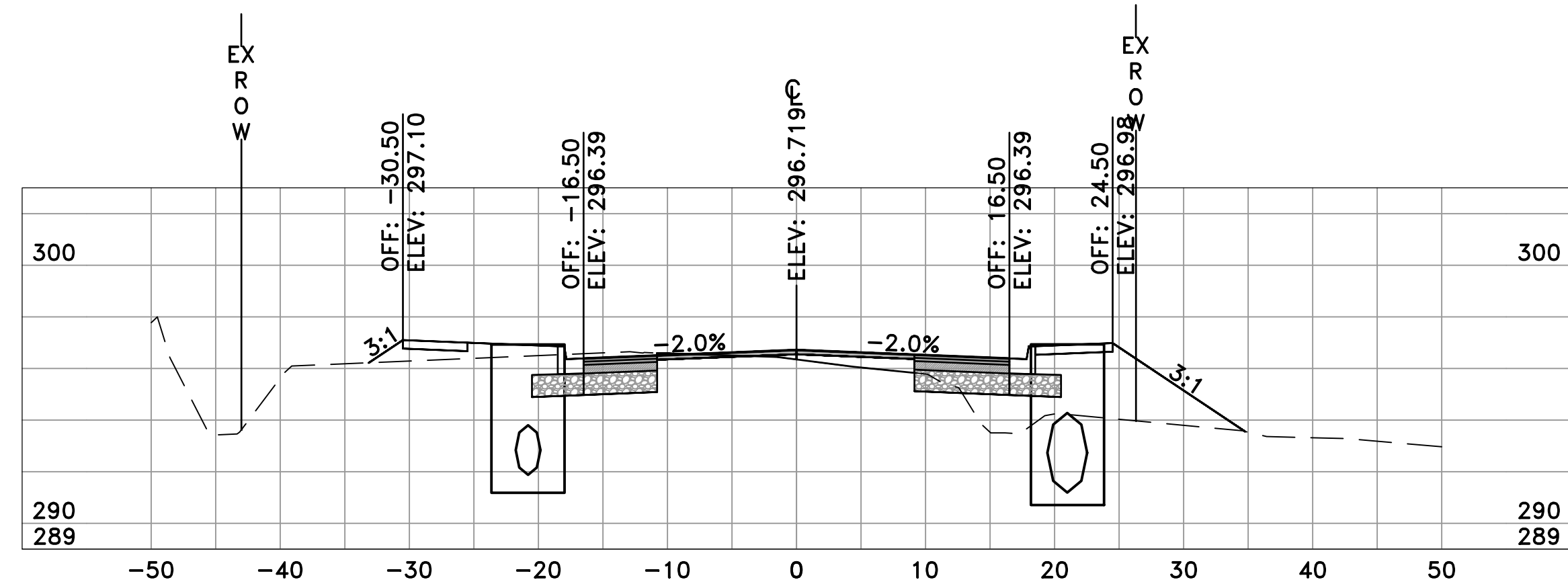
CHICOT RD
21+00
SL-71

	AREA	VOLUME	CUM. VOL.
CUT	5.56	13.88	793.44
FILL	20.02	36.43	2214.38



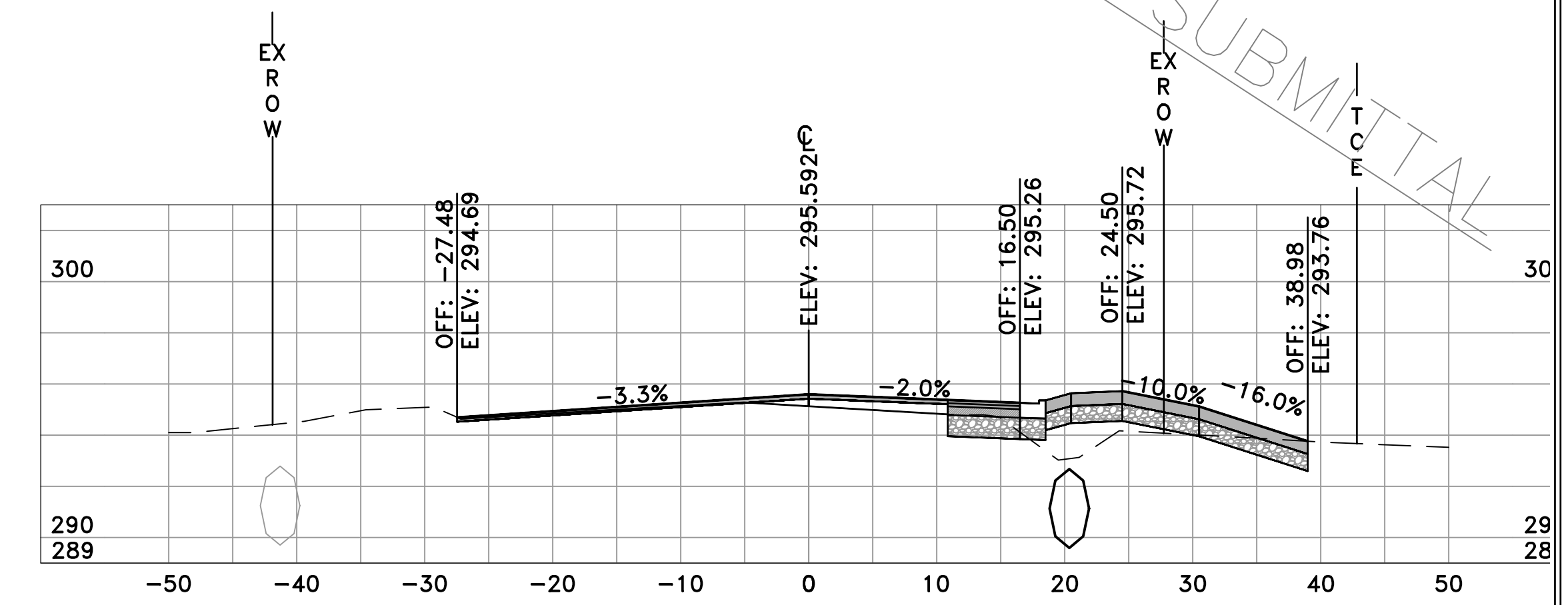
CHICOT RD
20+50
SL-70

	AREA	VOLUME	CUM. VOL.
CUT	9.42	25.46	779.56
FILL	19.33	57.16	2177.95



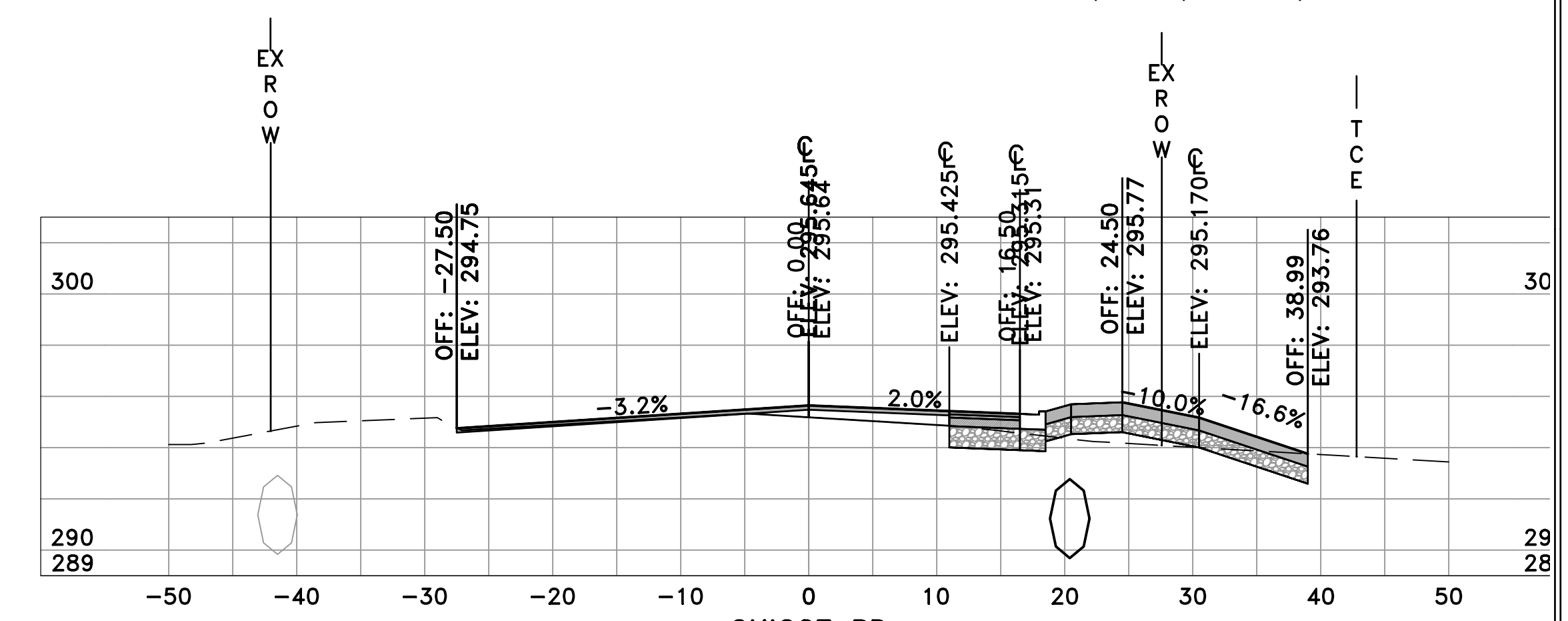
CHICOT RD
20+00
SL-69

	AREA	VOLUME	CUM. VOL.
CUT	18.08	26.24	754.10
FILL	42.41	78.32	2120.79



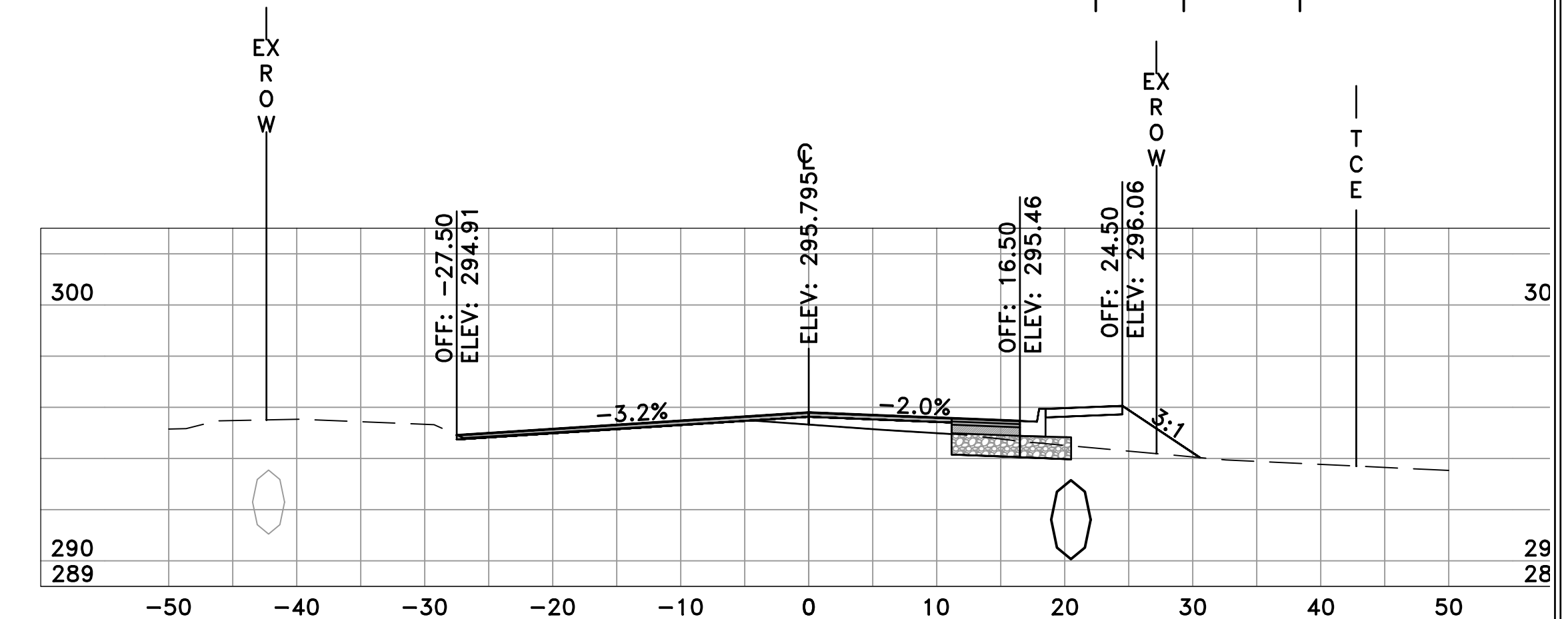
CHICOT RD
22+00
SL-73

	AREA	VOLUME	CUM. VOL.
CUT	11.12	5.44	822.85
FILL	11.81	4.55	2267.23



CHICOT RD
21+87
SL-111

	AREA	VOLUME	CUM. VOL.
CUT	11.55	12.56	817.41
FILL	7.18	15.50	2262.67



CHICOT RD
21+50
SL-72

	AREA	VOLUME	CUM. VOL.
CUT	6.76	11.41	804.85
FILL	15.41	32.80	2247.17

60% SUBMITTAL

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
CHICOT ROAD RECONSTRUCTION
CROSS SECTIONS (10)

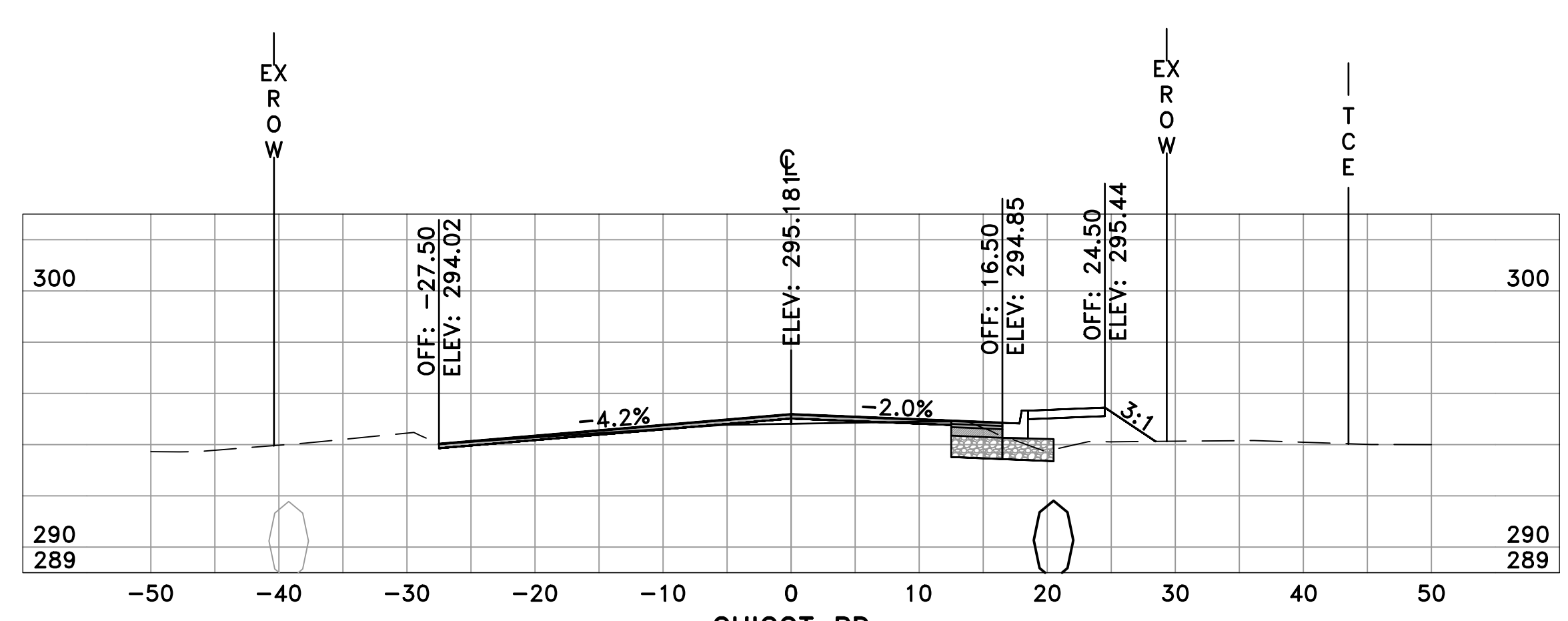
DEPARTMENT OF PUBLIC WORKS
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SEAL

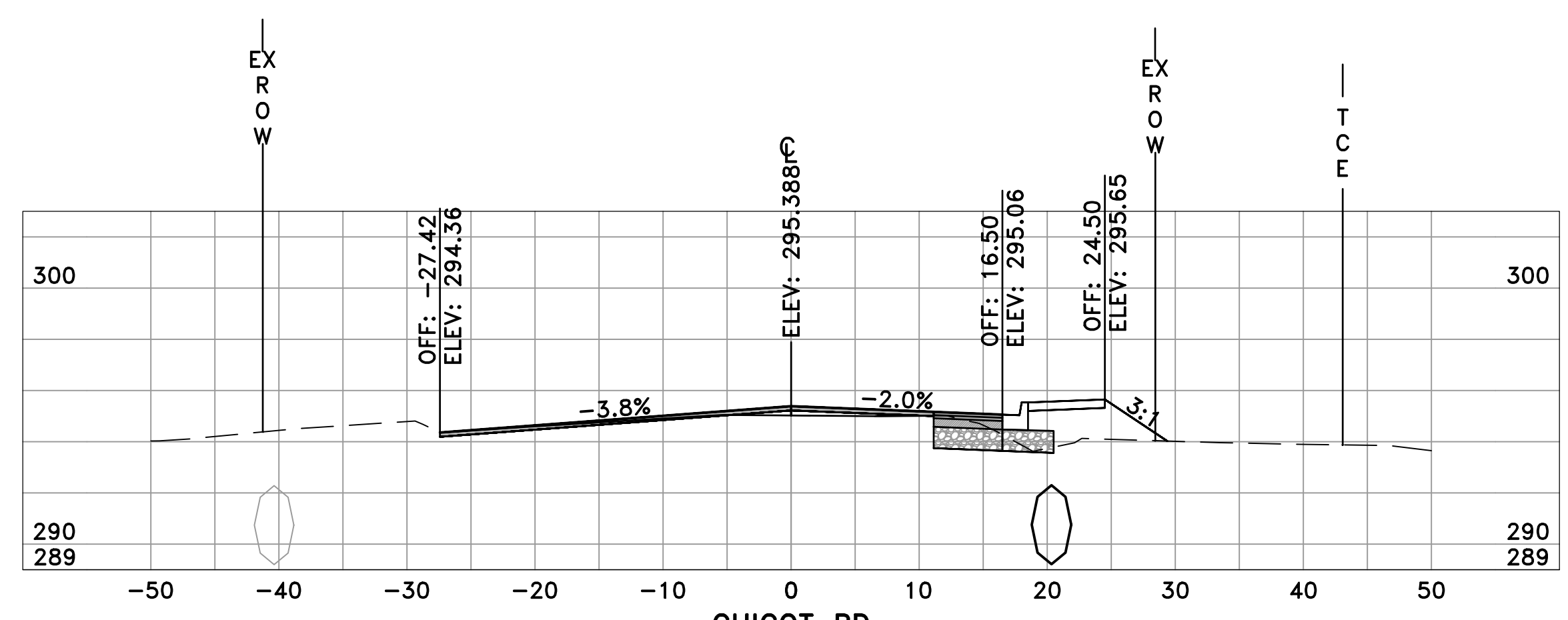
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DATE
6-28-2019
SCALE
H: 1"=10'
V: 1"=5'
PROJECT NO.
CLR 07-17-ST-357
SHEET NO.
C34

60% SUBMITTAL



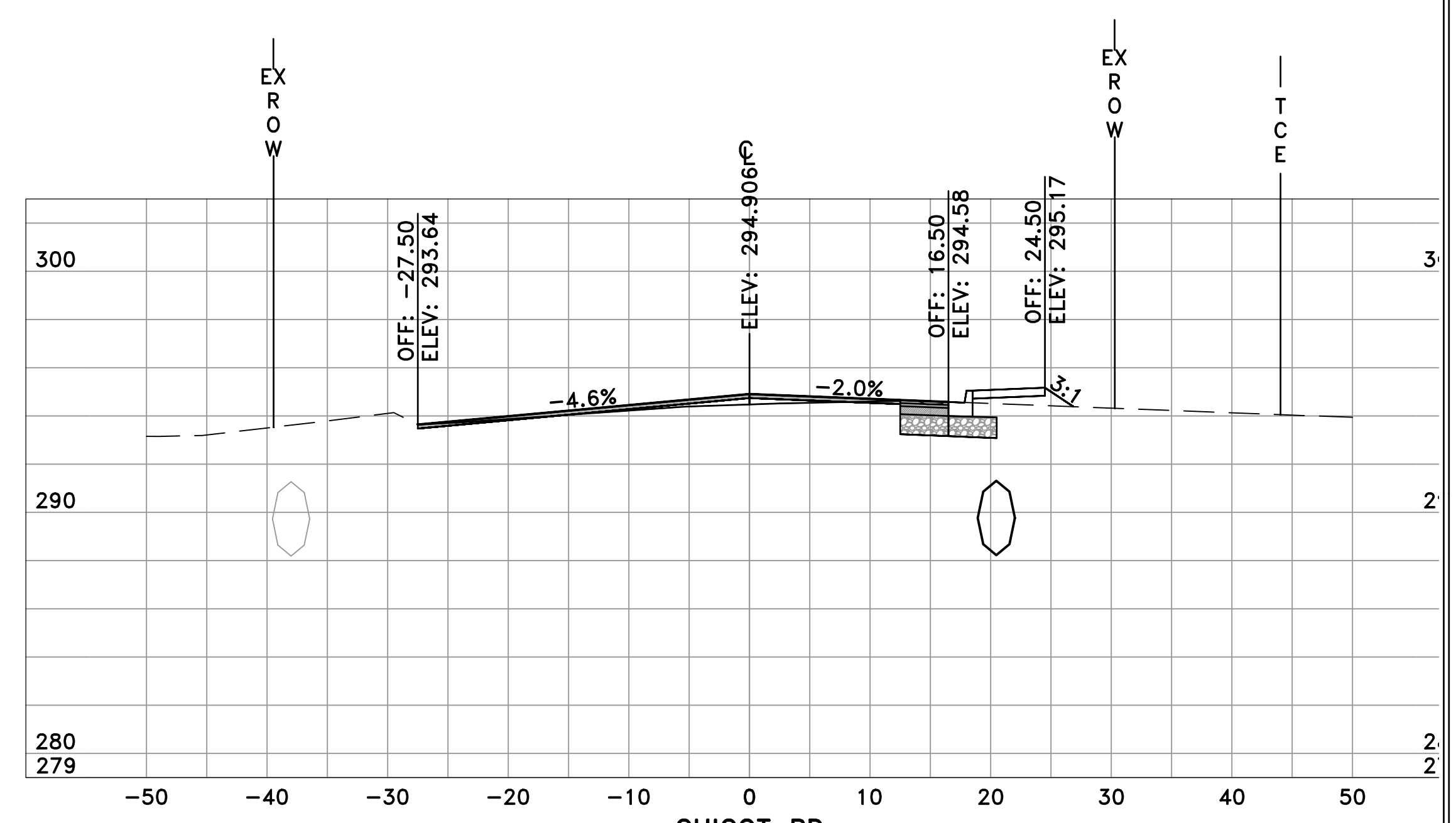
CHICOT RD
23+00
SL-75

	AREA	VOLUME	CUM. VOL.
CUT	9.43	17.07	858.55
FILL	8.25	17.35	2305.22



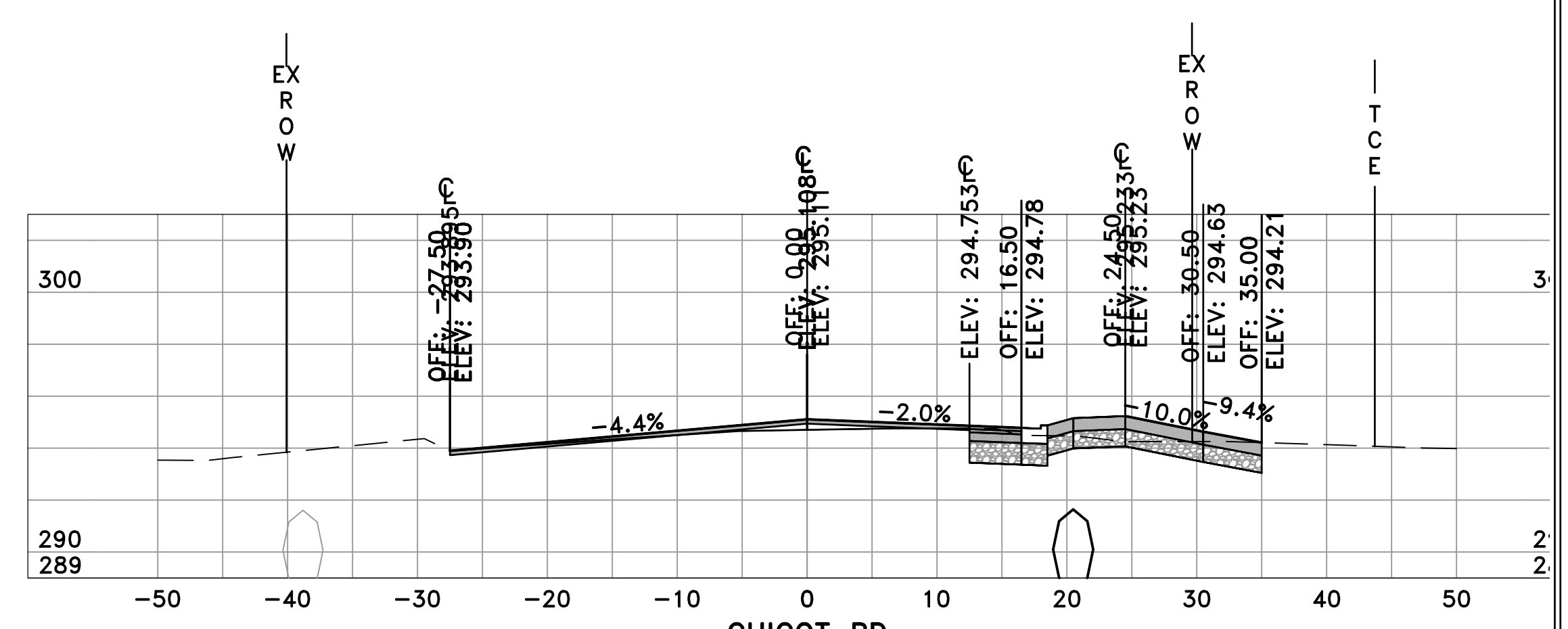
CHICOT RD
22+50
SL-74

	AREA	VOLUME	CUM. VOL.
CUT	9.01	18.64	841.48
FILL	10.49	20.65	2287.87



CHICOT RD
23+50
SL-76

	AREA	VOLUME	CUM. VOL.
CUT	12.22	19.12	886.58
FILL	4.78	4.09	2312.50



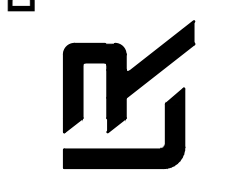
CHICOT RD
23+17
SL-112

	AREA	VOLUME	CUM. VOL.
CUT	18.99	8.91	867.46
FILL	1.90	3.18	2308.41

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
CHICOT ROAD RECONSTRUCTION
CROSS SECTIONS (11)

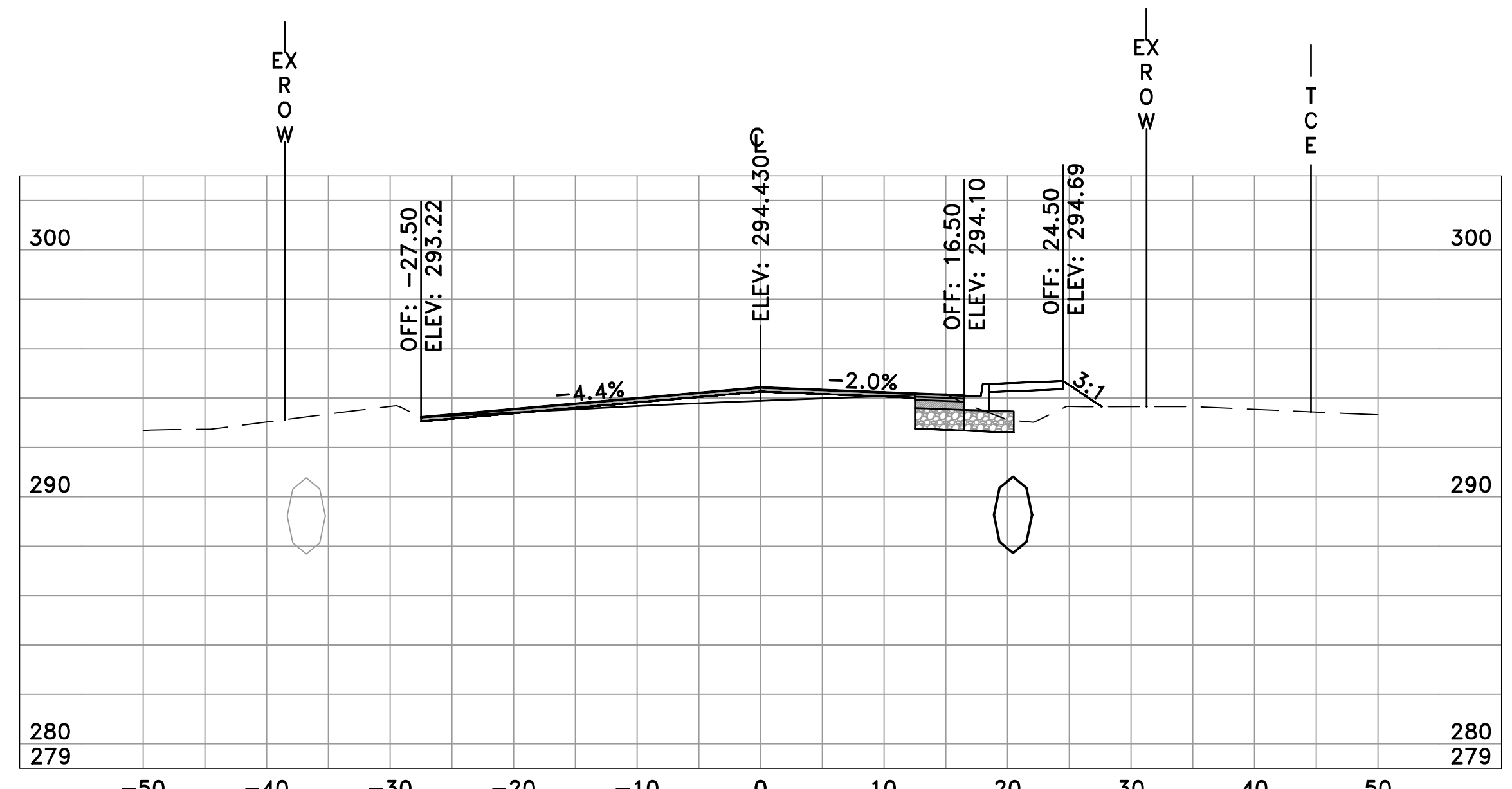
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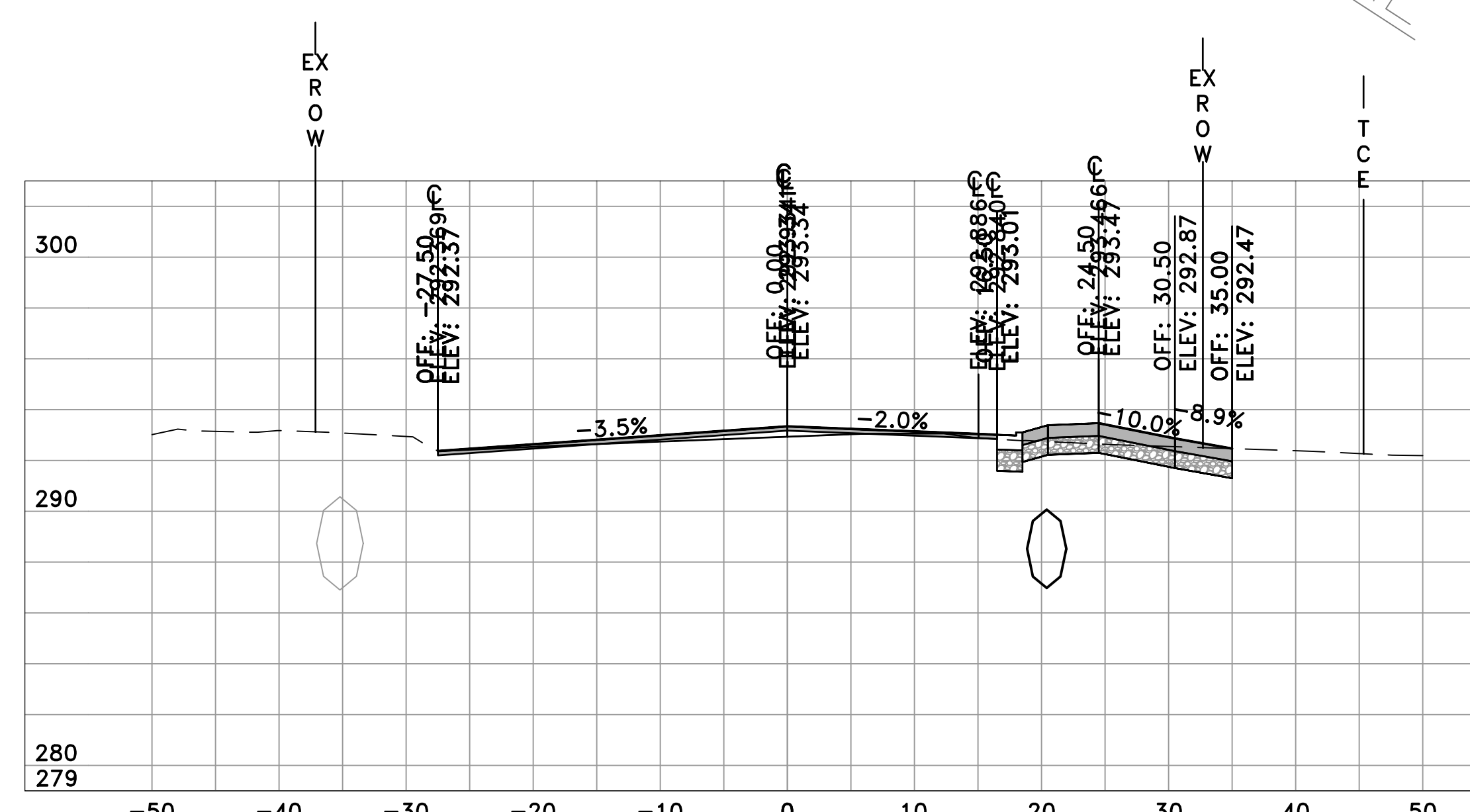
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CHECKED
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DATE
6-28-2019
SCALE
H: 1"=10'
V: 1"=5'
PROJECT NO.
CLR 07-17-ST-357
SHEET NO.
C35

60% SUBMITTAL



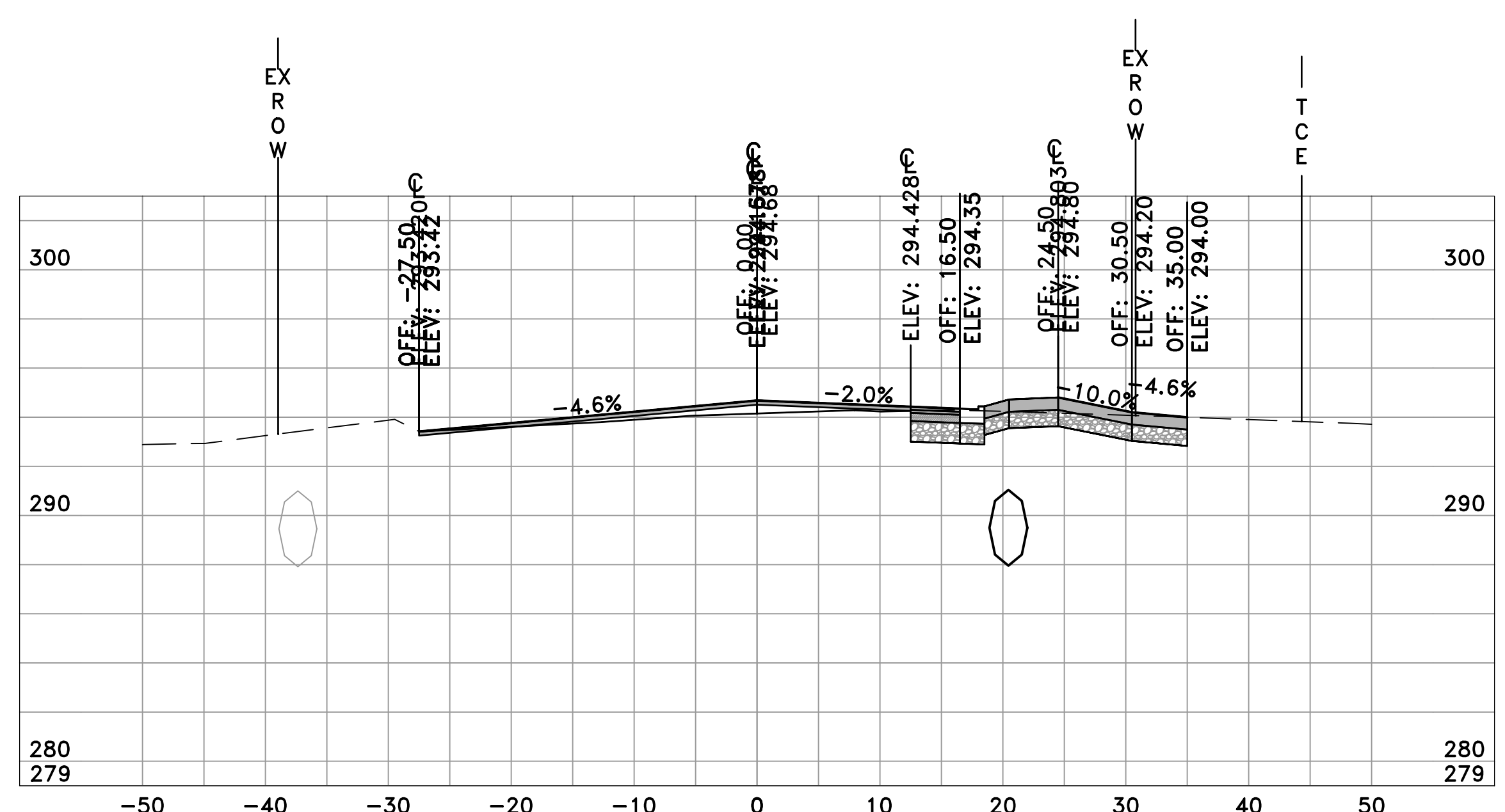
CHICOT RD
24+00
SL-77

	AREA	VOLUME	CUM. VOL.
CUT	9.41	13.75	917.41
FILL	11.07	7.00	2324.38



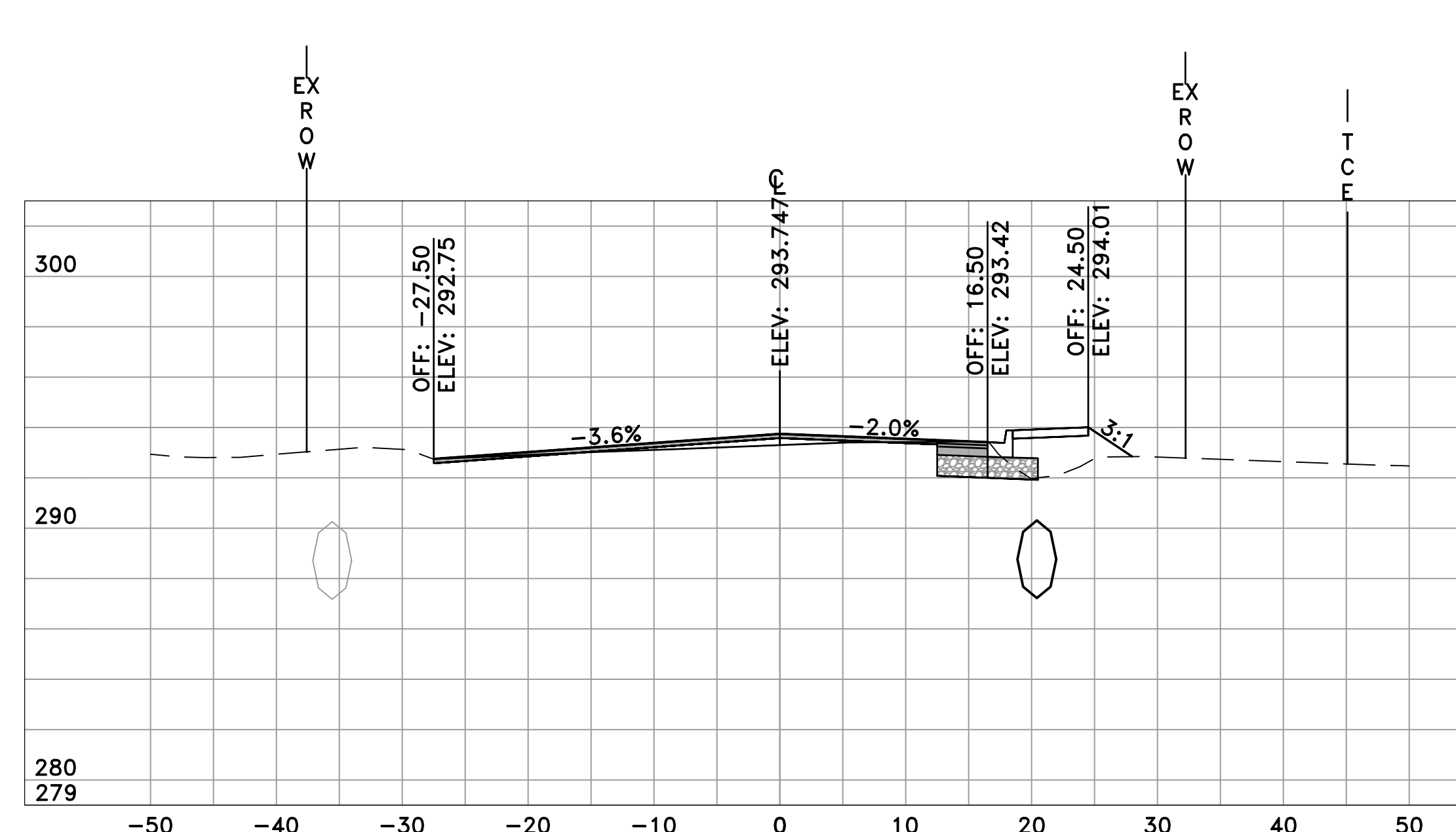
CHICOT RD
24+74
SL-114

	AREA	VOLUME	CUM. VOL.
CUT	15.33	10.92	945.37
FILL	2.53	6.11	2351.01



CHICOT RD
23+77
SL-113

	AREA	VOLUME	CUM. VOL.
CUT	22.38	17.08	903.66
FILL	5.12	4.88	2317.38



CHICOT RD
24+50
SL-78

	AREA	VOLUME	CUM. VOL.
CUT	9.00	17.05	934.45
FILL	11.09	20.52	2344.90

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
CHICOT ROAD RECONSTRUCTION
CROSS SECTIONS (12)

DEPARTMENT OF PUBLIC WORKS
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KLL
DATE
6-28-2019
SCALE
H: 1"=10'
V: 1"=5'
PROJECT NO.
CLR 07-17-ST-357
SHEET NO.
C36

60% SUBMITTAL

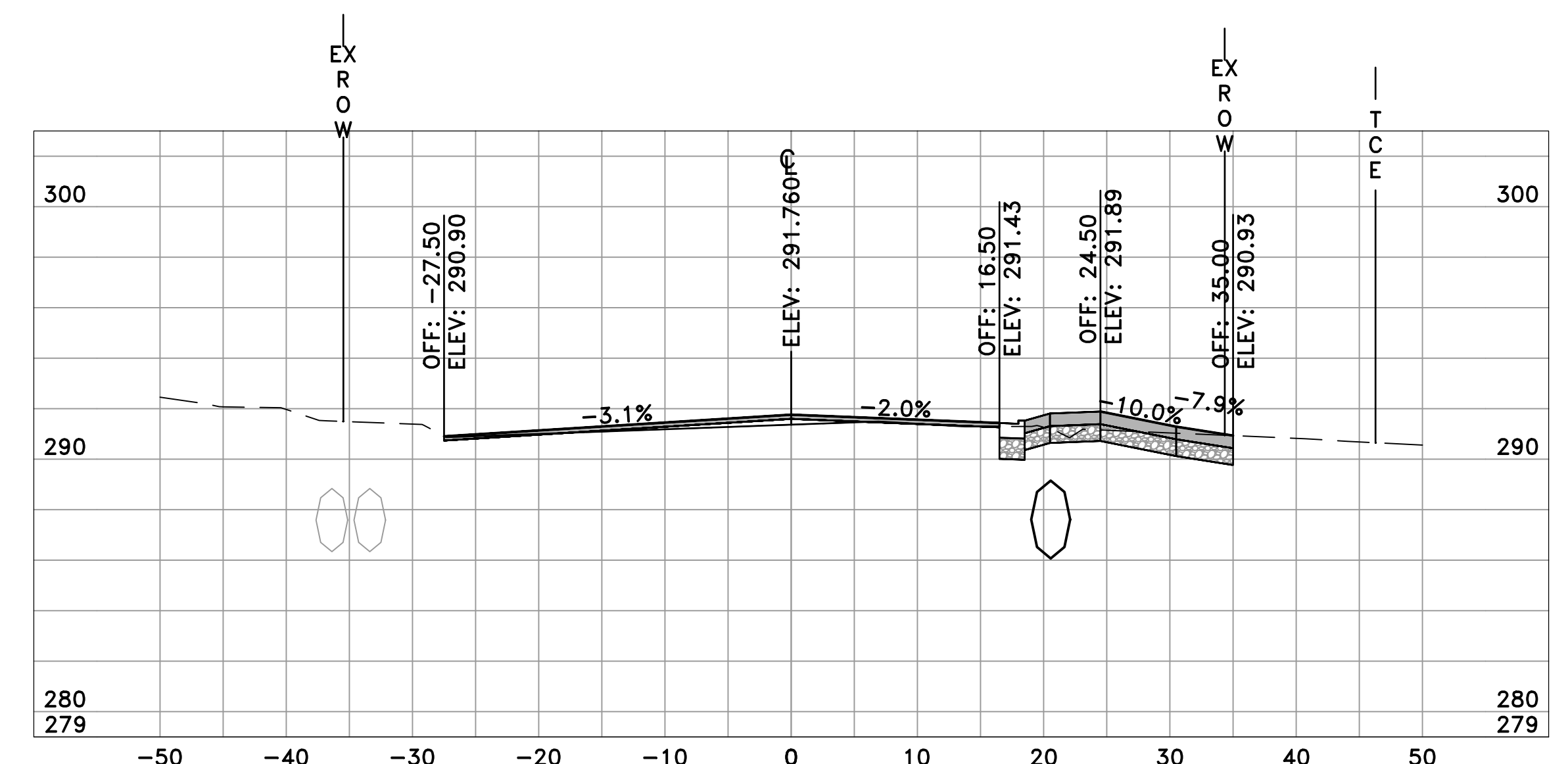
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 CHICOT ROAD RECONSTRUCTION
 CROSS SECTIONS (13)

DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
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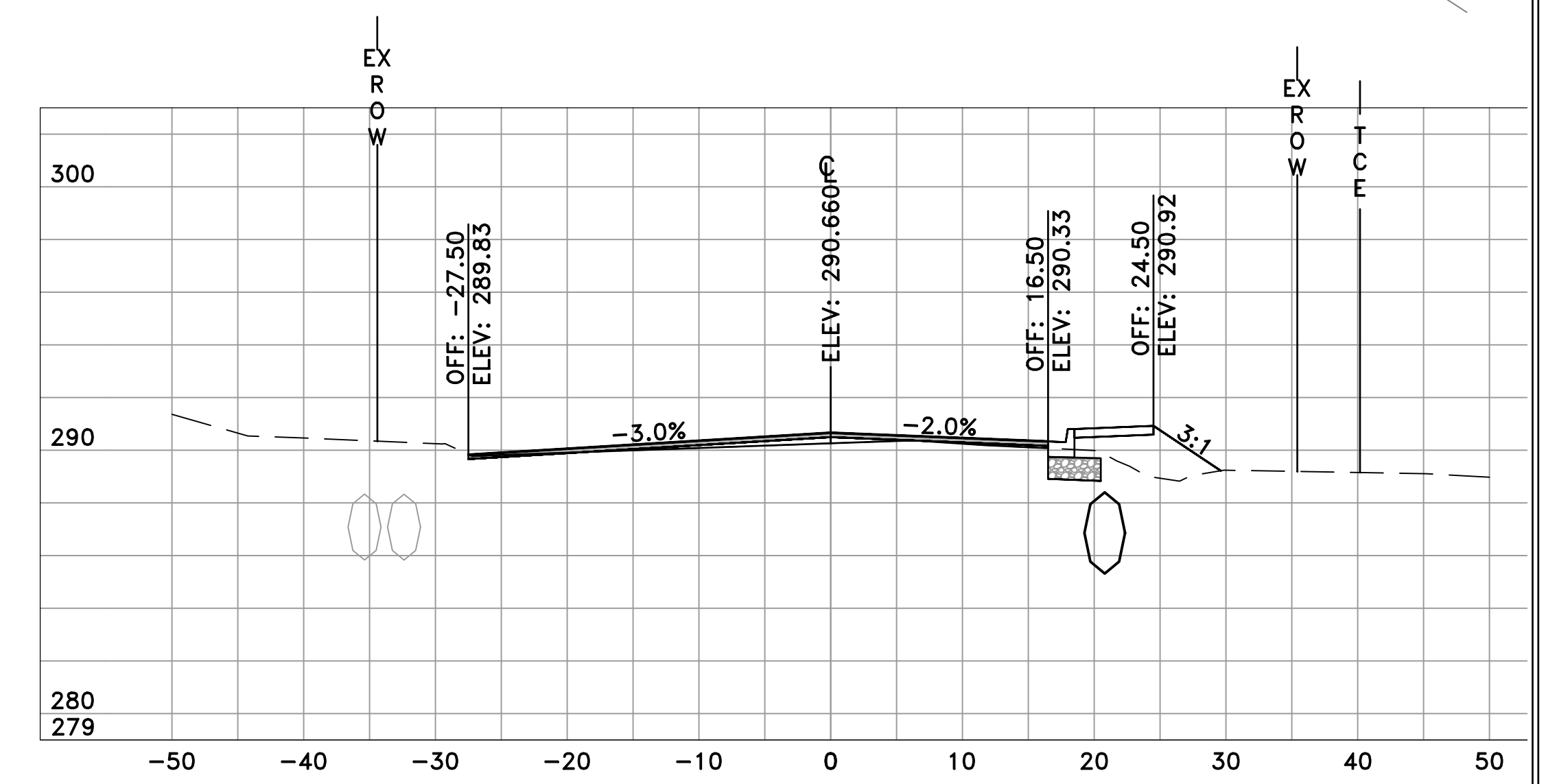
SEAL

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 DESIGNED
 BOL
 CHECKED
 KLL
 DATE
 6-28-2019
 SCALE
 H: 1"=10'
 V: 1"=5'
 PROJECT NO.
 CLR 07-17-ST-357
 SHEET NO.
 C37



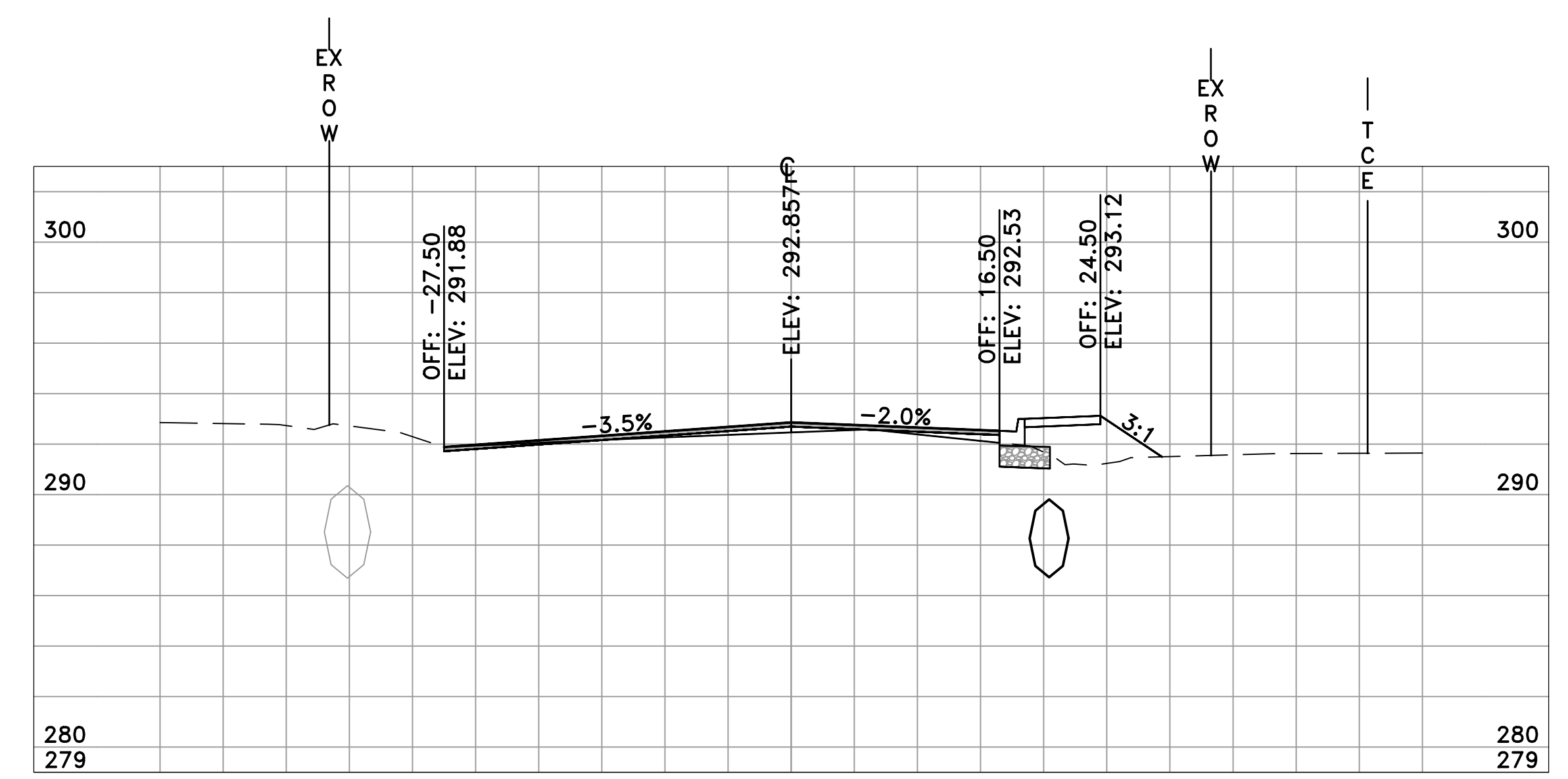
CHICOT RD
 25+50
 SL-80

	AREA	VOLUME	CUM. VOL.
CUT	15.21	18.12	972.88
FILL	2.78	15.82	2374.87



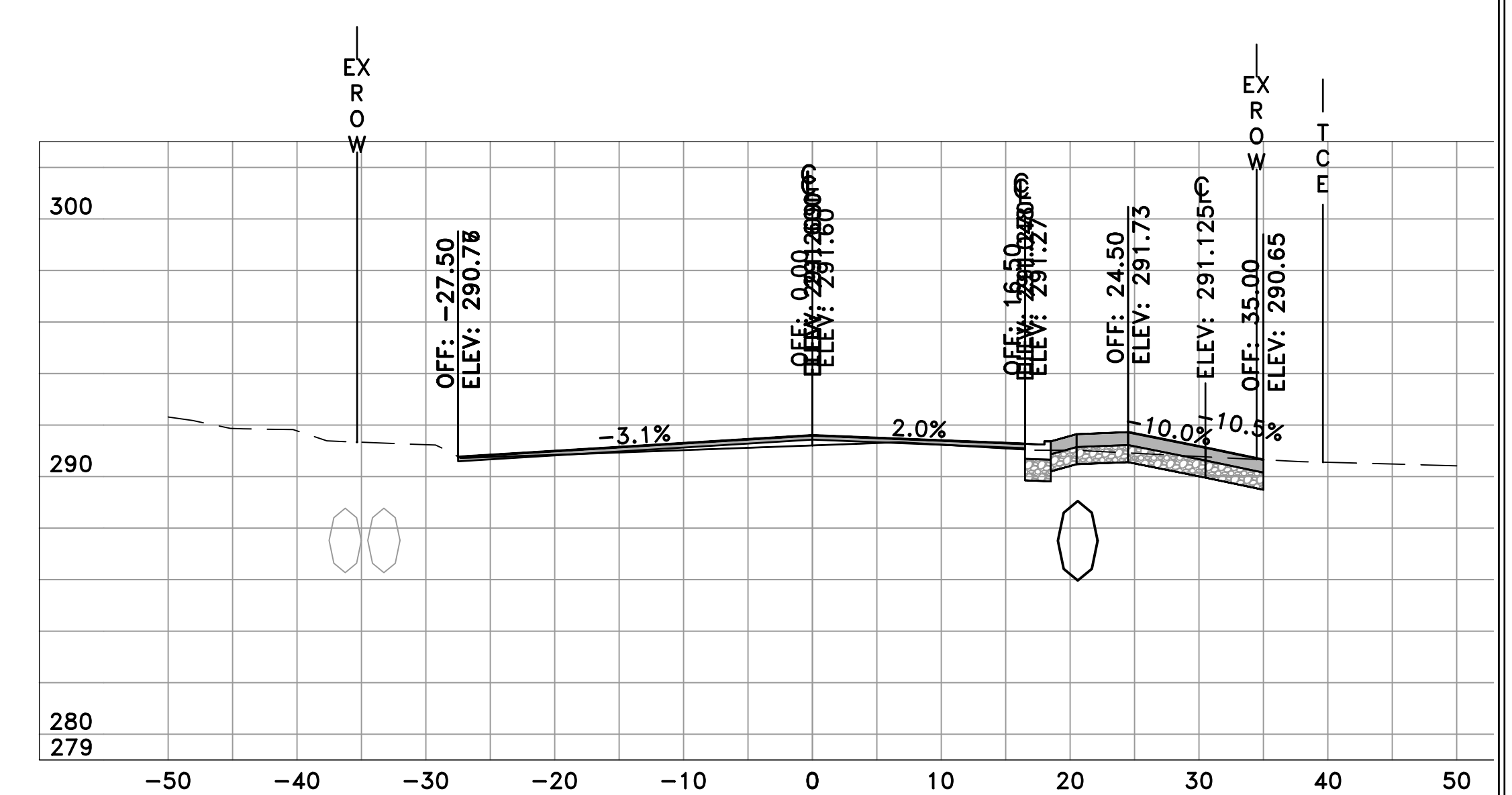
CHICOT RD
 26+00
 SL-81

	AREA	VOLUME	CUM. VOL.
CUT	5.08	15.41	991.94
FILL	13.46	13.09	2388.66



CHICOT RD
 25+00
 SL-79

	AREA	VOLUME	CUM. VOL.
CUT	4.36	9.39	954.76
FILL	14.31	8.04	2359.05



CHICOT RD
 25+57
 SL-115

	AREA	VOLUME	CUM. VOL.
CUT	14.14	3.66	976.53
FILL	2.87	0.70	2375.57

60% SUBMITTAL

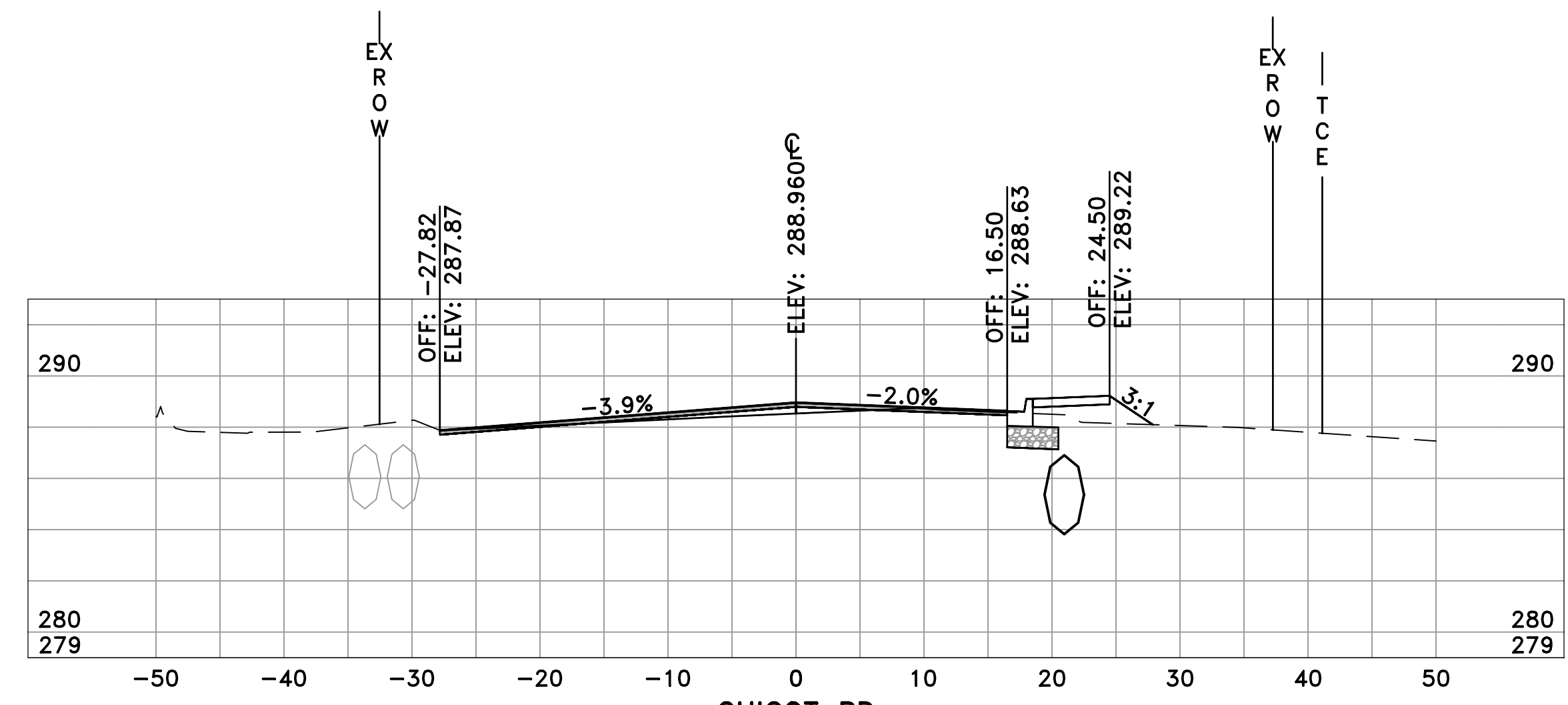
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 CHICOT ROAD RECONSTRUCTION
 CROSS SECTIONS (14)

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 LITTLE ROCK, ARKANSAS 72201

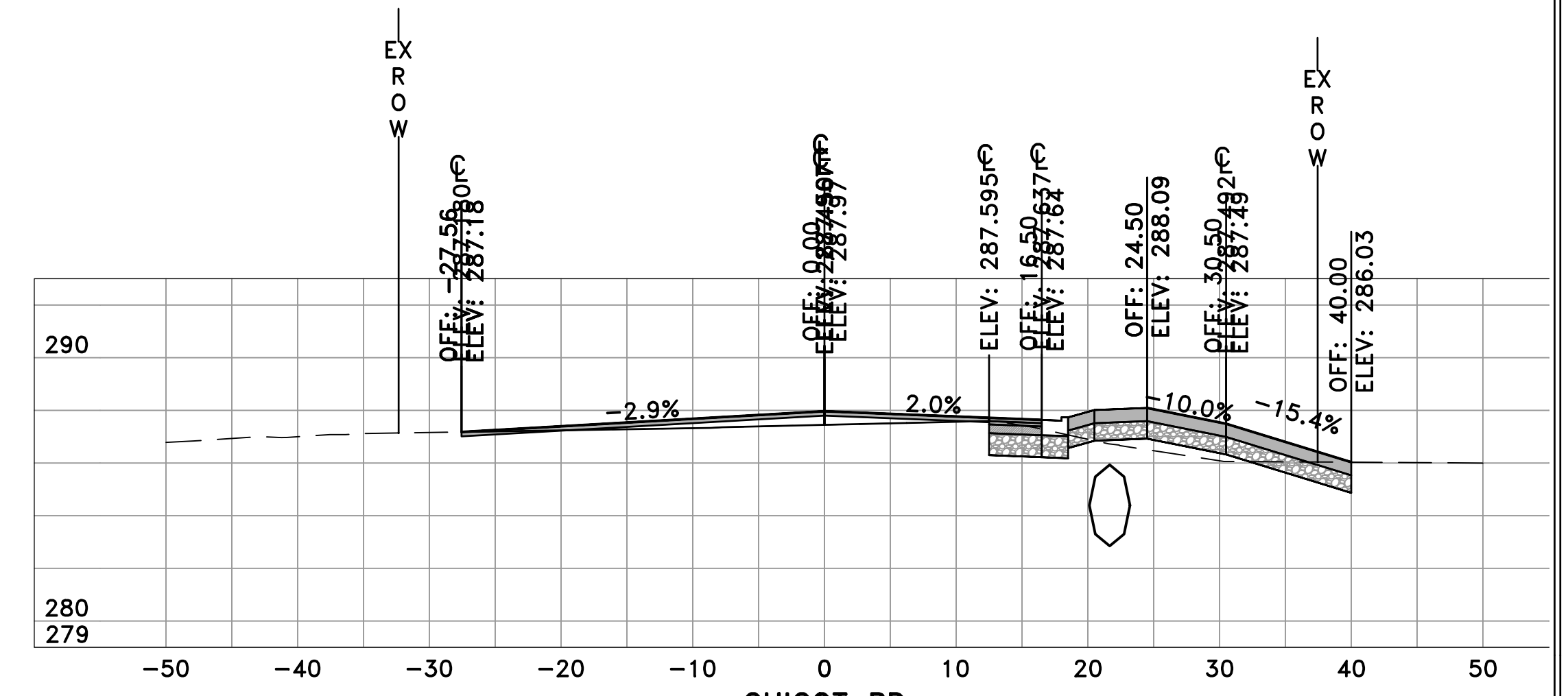
SEAL

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 DATE
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 SCALE
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 V: 1"=5'
 PROJECT NO.
 CLR 07-17-ST-357
 SHEET NO.
 C38



CHICOT RD
 27+00
 SL-83

	AREA	VOLUME	CUM. VOL.
CUT	7.40	13.09	1015.98
FILL	7.05	18.97	2432.54



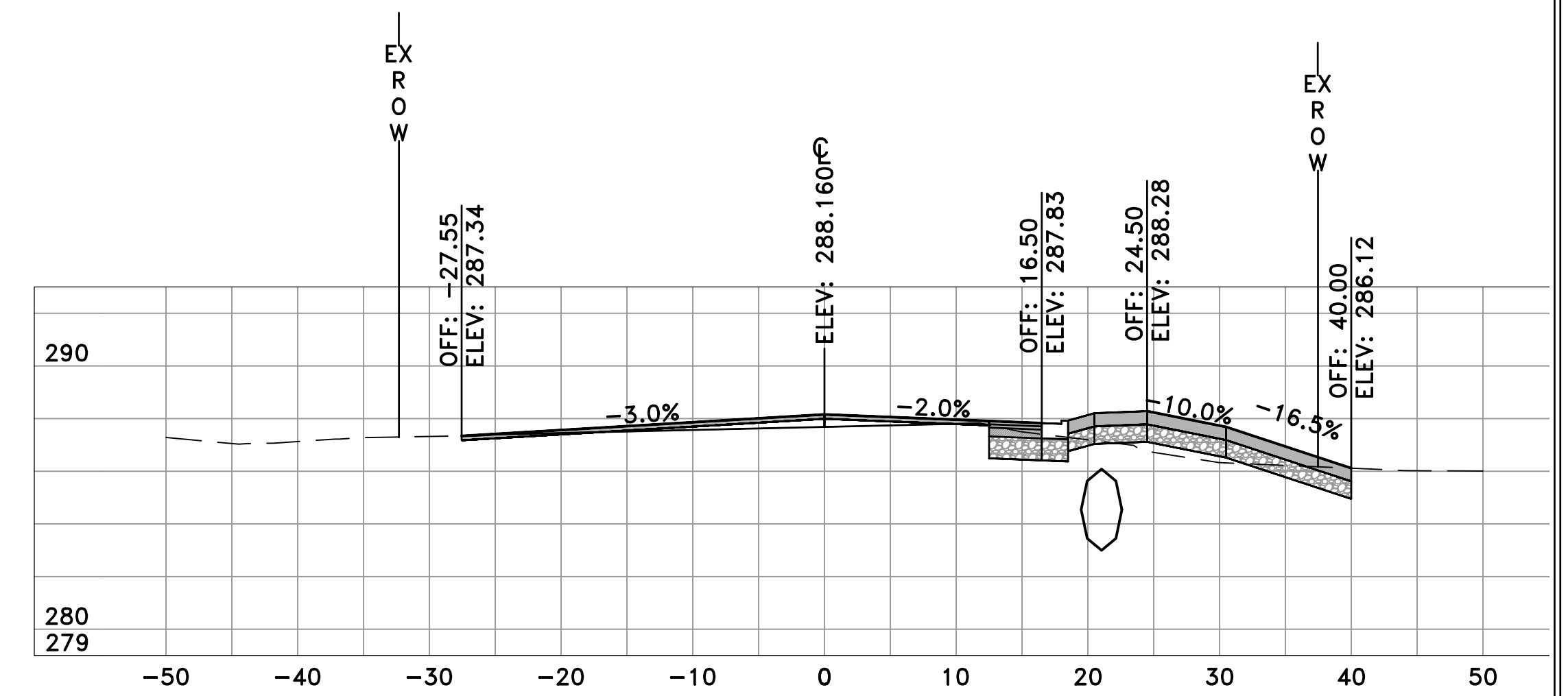
CHICOT RD
 27+62
 SL-116

	AREA	VOLUME	CUM. VOL.
CUT	12.51	5.67	1040.42
FILL	8.74	3.38	2448.36



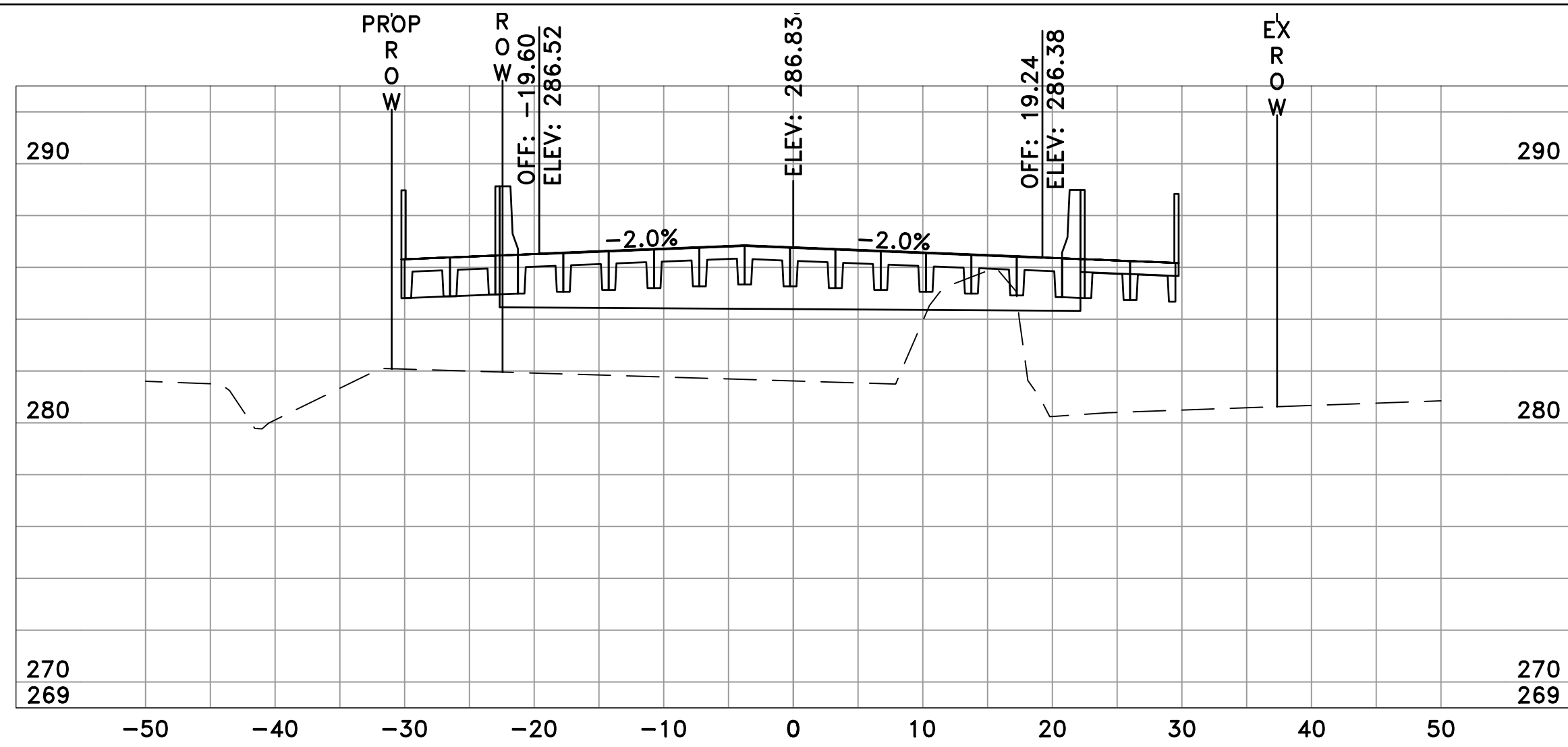
CHICOT RD
 26+50
 SL-82

	AREA	VOLUME	CUM. VOL.
CUT	6.74	10.95	1002.89
FILL	13.44	24.91	2413.57



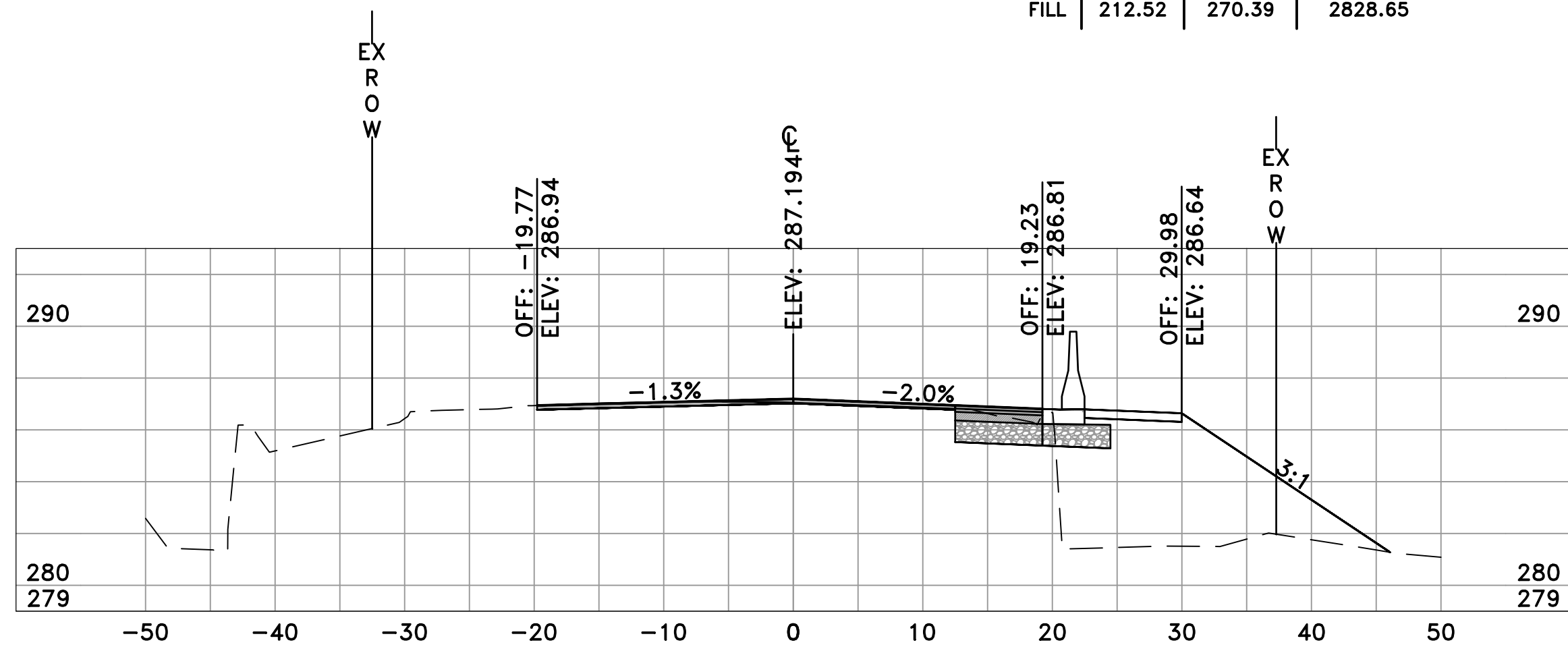
CHICOT RD
 27+50
 SL-84

	AREA	VOLUME	CUM. VOL.
CUT	12.86	18.76	1034.75
FILL	6.39	12.45	2444.98



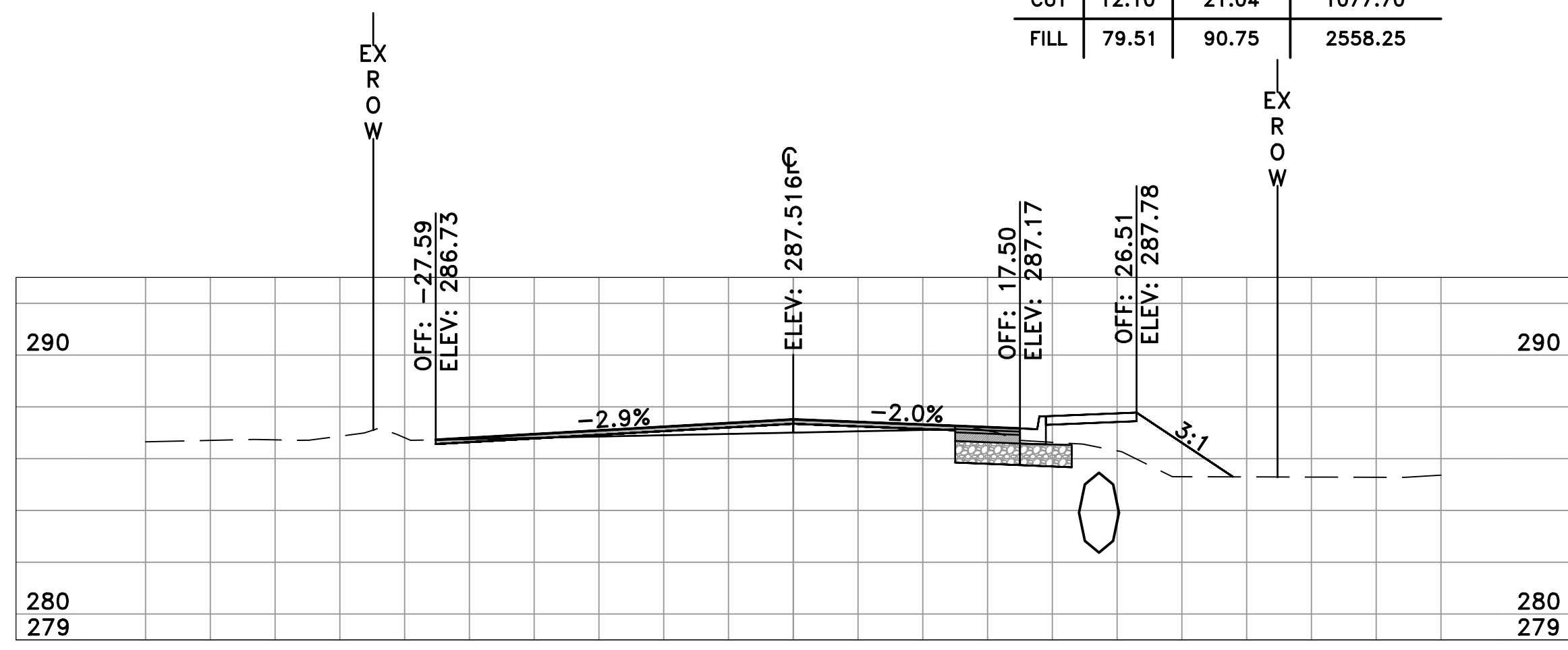
CHICOT RD
29+00
SL-87

	AREA	VOLUME	CUM. VOL.
CUT	0.00	11.20	1088.90
FILL	212.52	270.39	2828.65



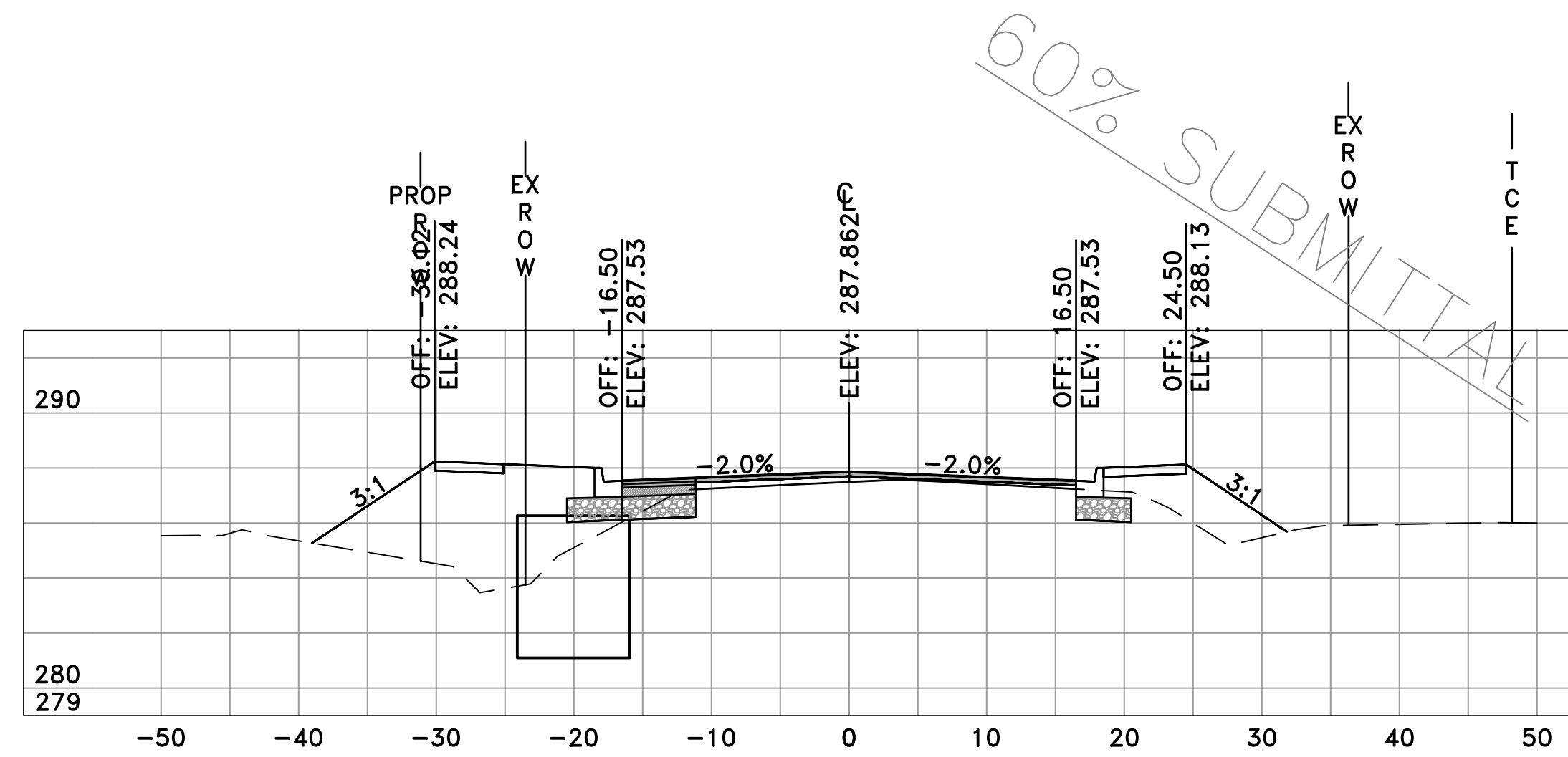
CHICOT RD
28+50
SL-86

	AREA	VOLUME	CUM. VOL.
CUT	12.10	21.04	1077.70
FILL	79.51	90.75	2558.25



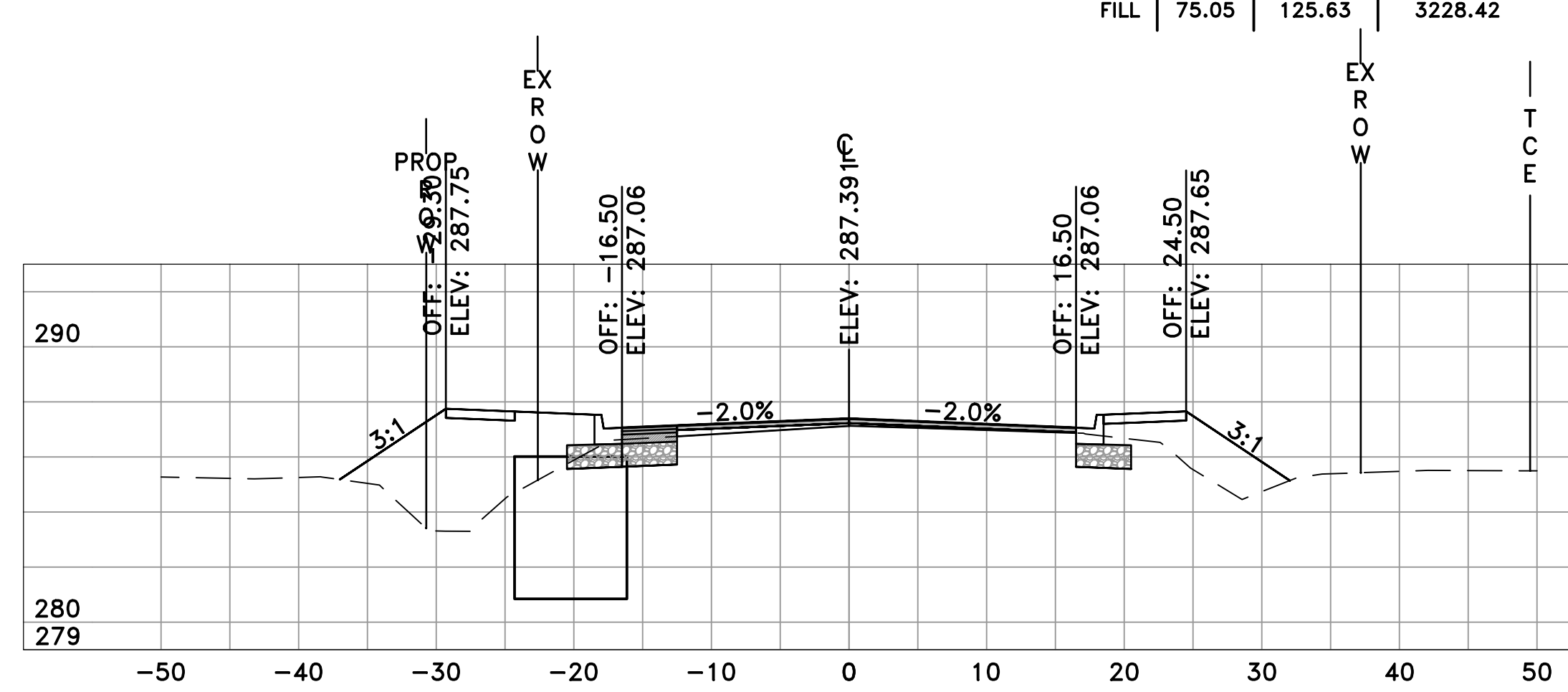
CHICOT RD
28+00
SL-85

	AREA	VOLUME	CUM. VOL.
CUT	10.62	16.25	1056.66
FILL	18.50	19.14	2467.50



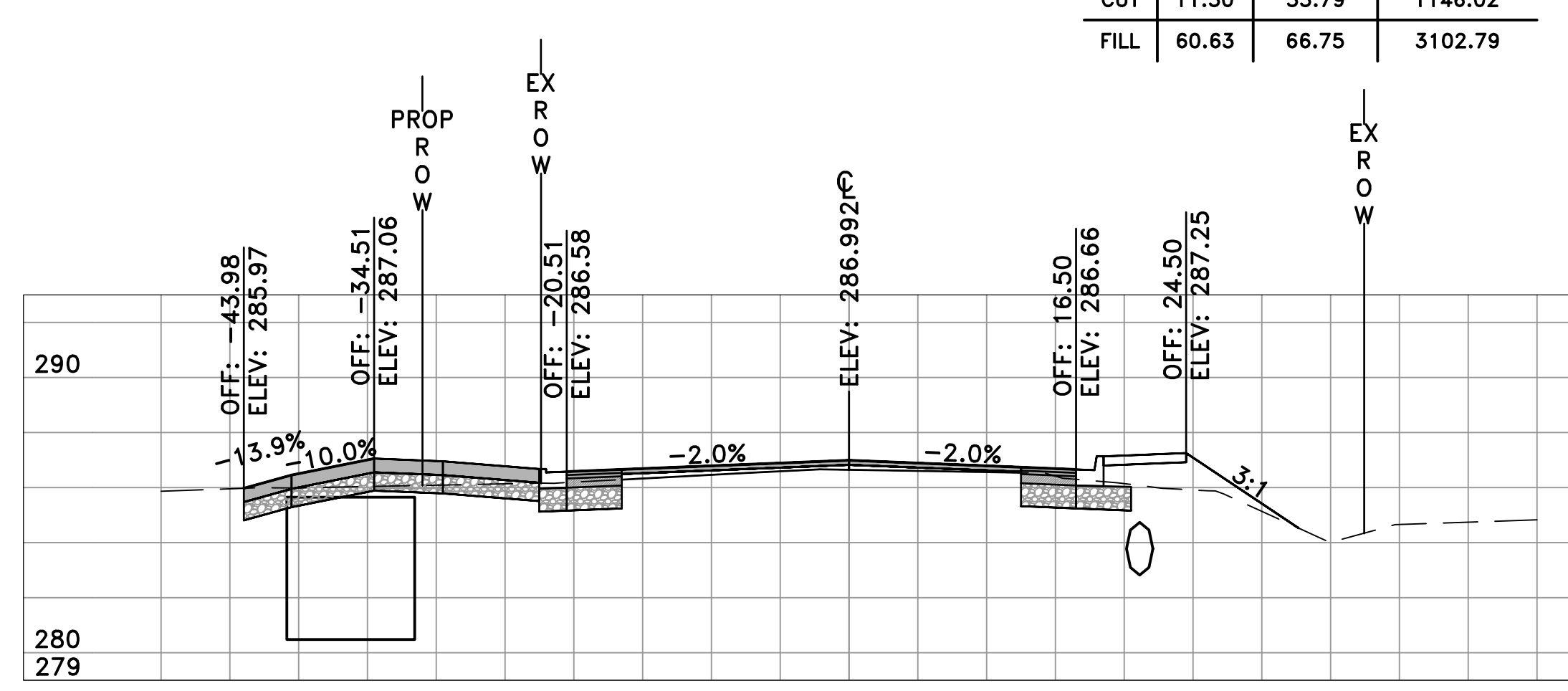
CHICOT RD
30+50
SL-90

	AREA	VOLUME	CUM. VOL.
CUT	7.40	17.31	1163.33
FILL	75.05	125.63	3228.42



CHICOT RD
30+00
SL-89

	AREA	VOLUME	CUM. VOL.
CUT	11.30	33.79	1146.02
FILL	60.63	66.75	3102.79



CHICOT RD
29+50
SL-88

	AREA	VOLUME	CUM. VOL.
CUT	25.19	23.33	1112.23
FILL	11.47	207.39	3036.04

60% SUBMITTAL

REVISIONS	DATE

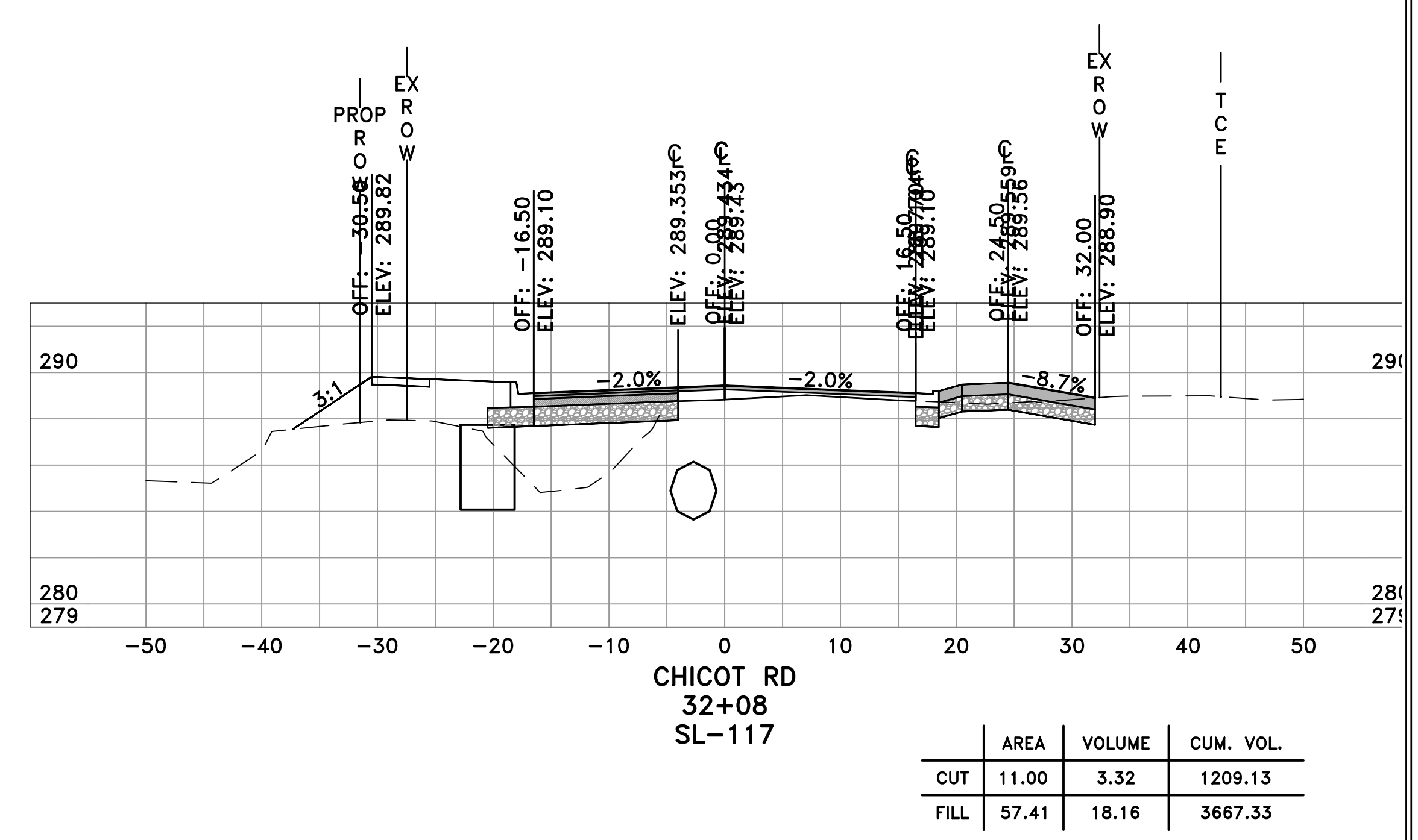
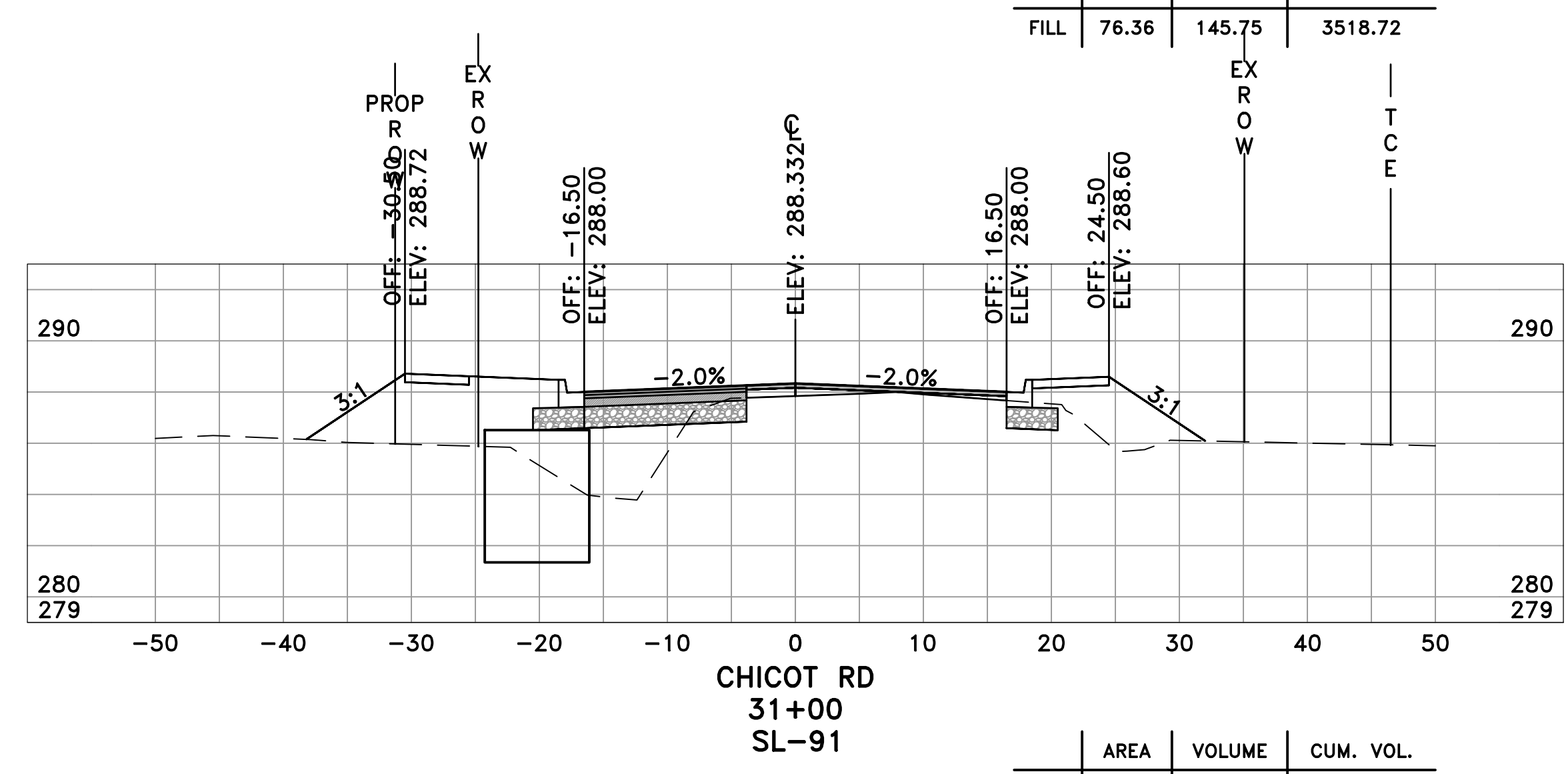
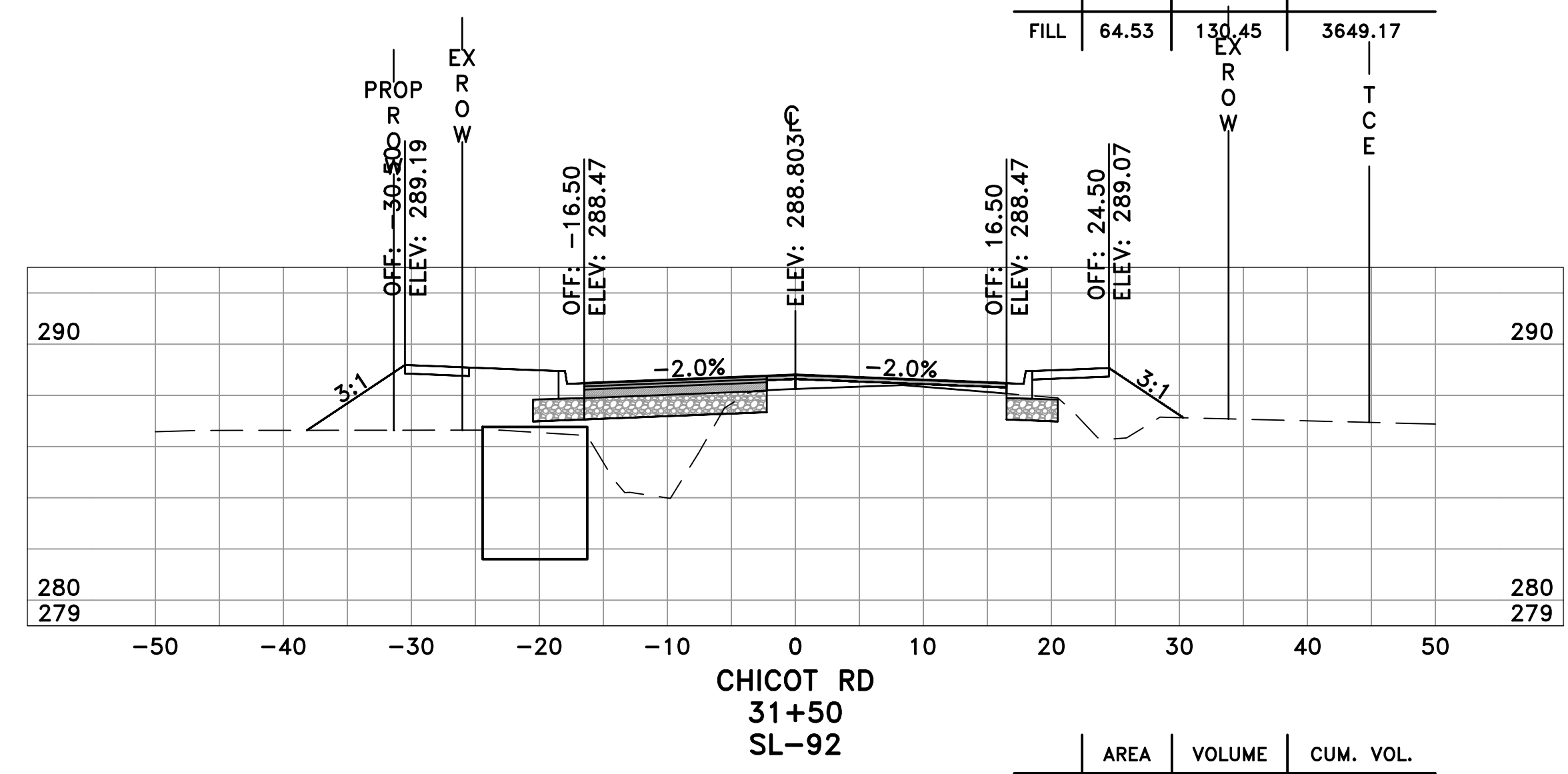
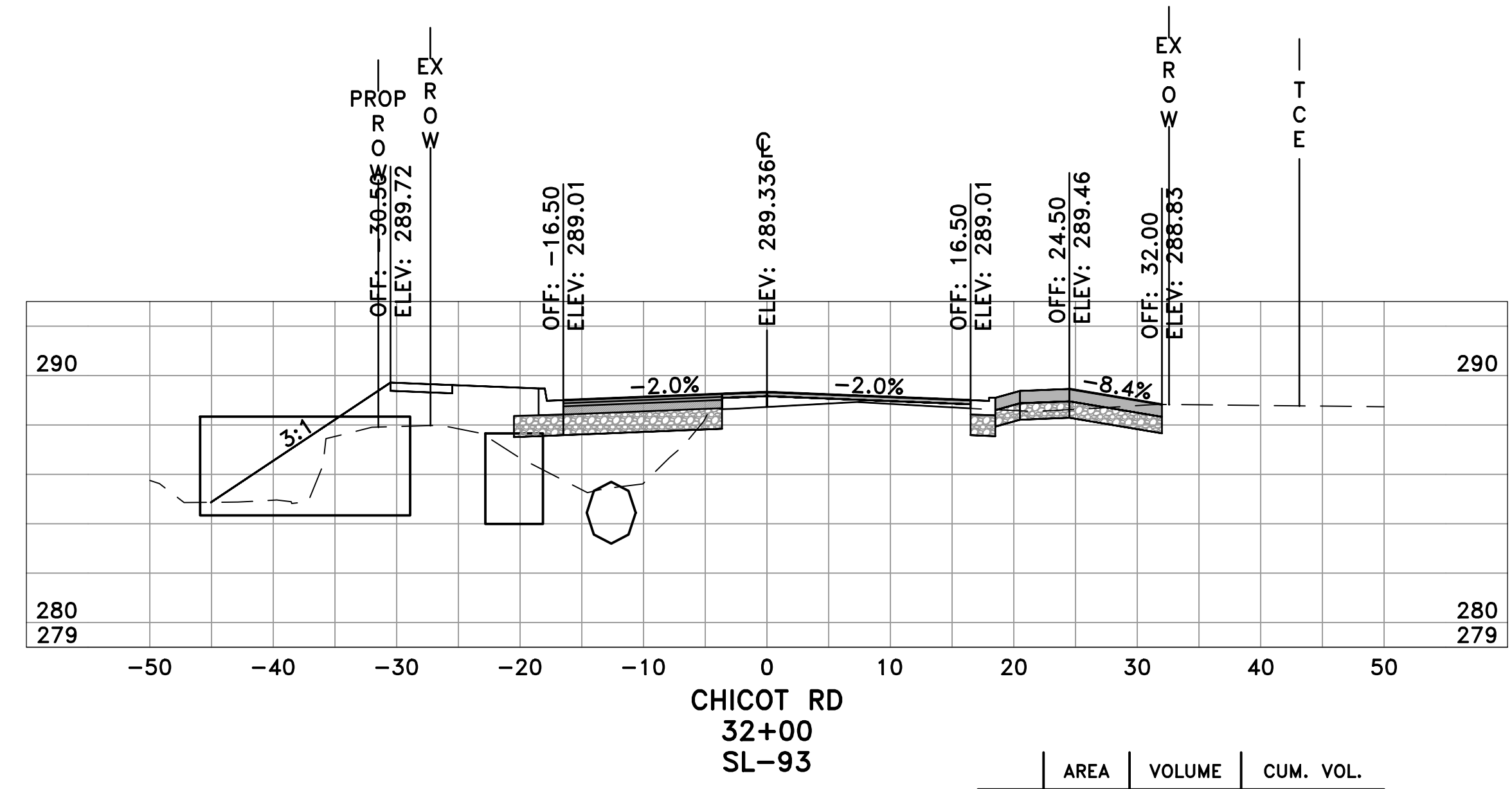
CITY OF LITTLE ROCK, ARKANSAS
CHICOT ROAD RECONSTRUCTION
CROSS SECTIONS (15)

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

SEAL

DRAWN BY
KLL
DESIGNED
BOL
CHECKED
KLL
DATE
6-28-2019
SCALE
H: 1"=10'
V: 1"=5'
PROJECT NO.
CLR 07-17-ST-357
SHEET NO.
C39

60% SUBMITTAL



REVISIONS	DATE

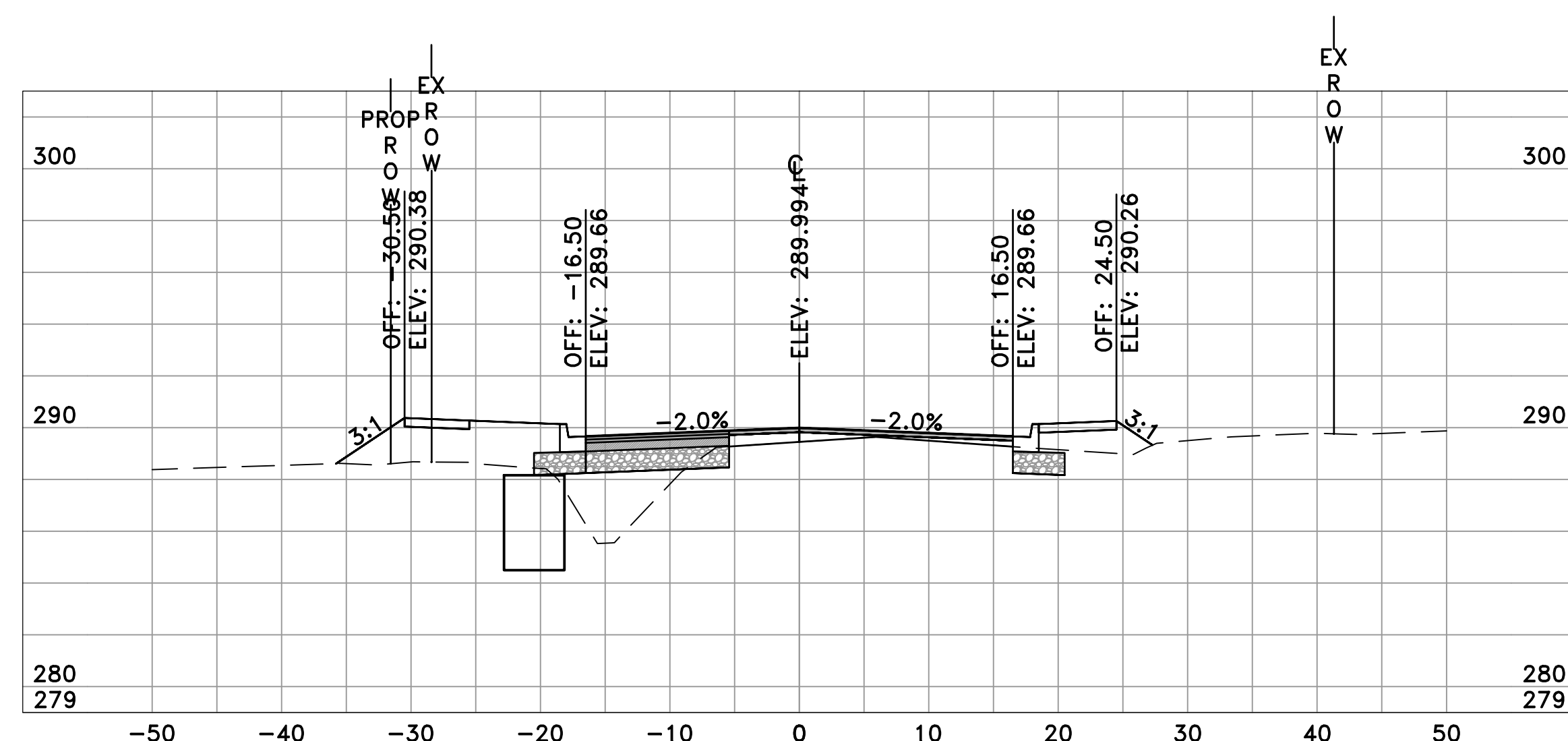
CITY OF LITTLE ROCK, ARKANSAS
CHICOT ROAD RECONSTRUCTION
CROSS SECTIONS (16)

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

SEAL

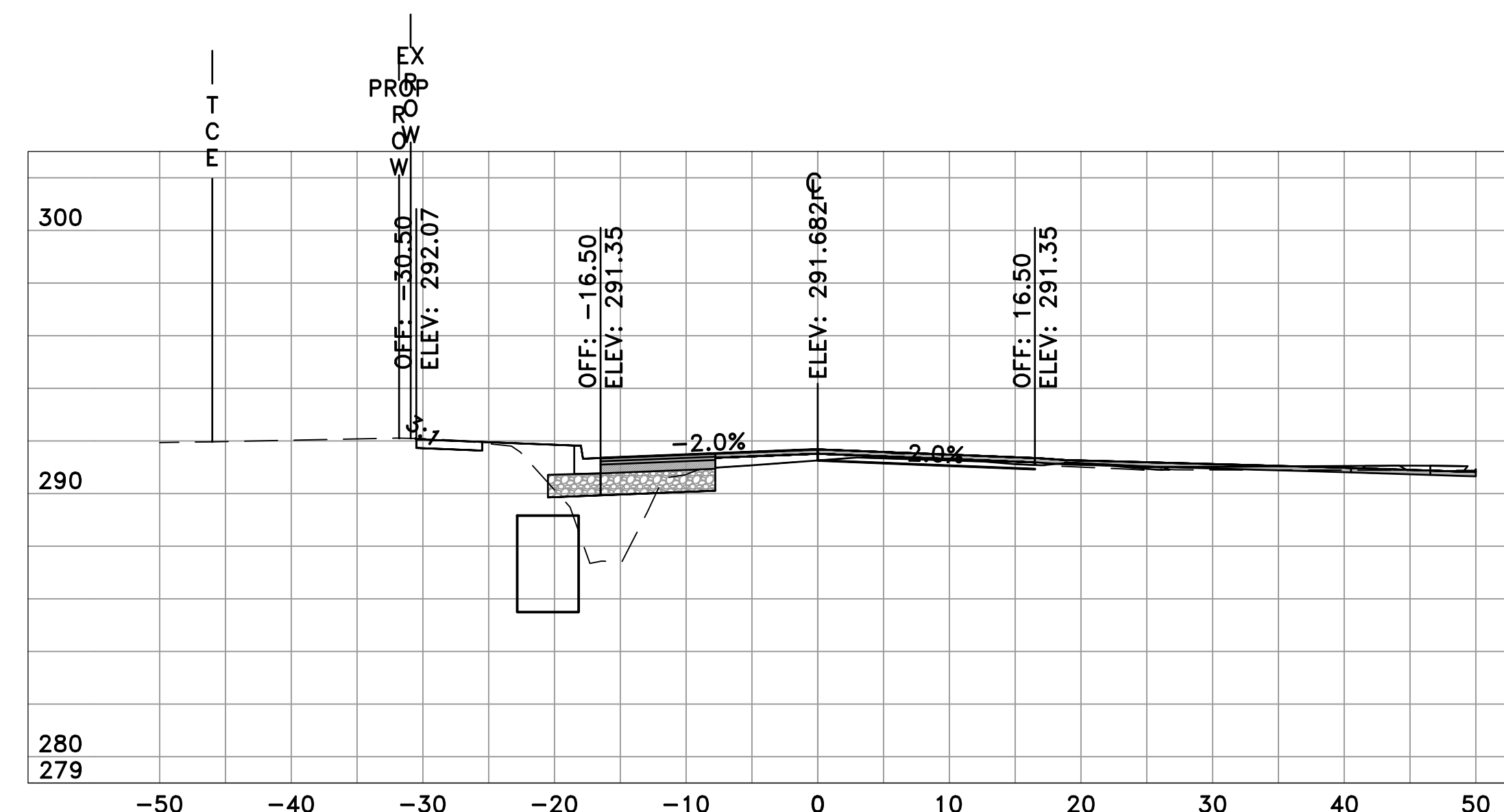
DRAWN BY
KLL
DESIGNED
BOL
CHECKED
KLL
DATE
6-28-2019
SCALE
H: 1"=10'
V: 1"=5'
PROJECT NO.
CLR 07-17-ST-357
SHEET NO.
C40

60% SUBMITTAL



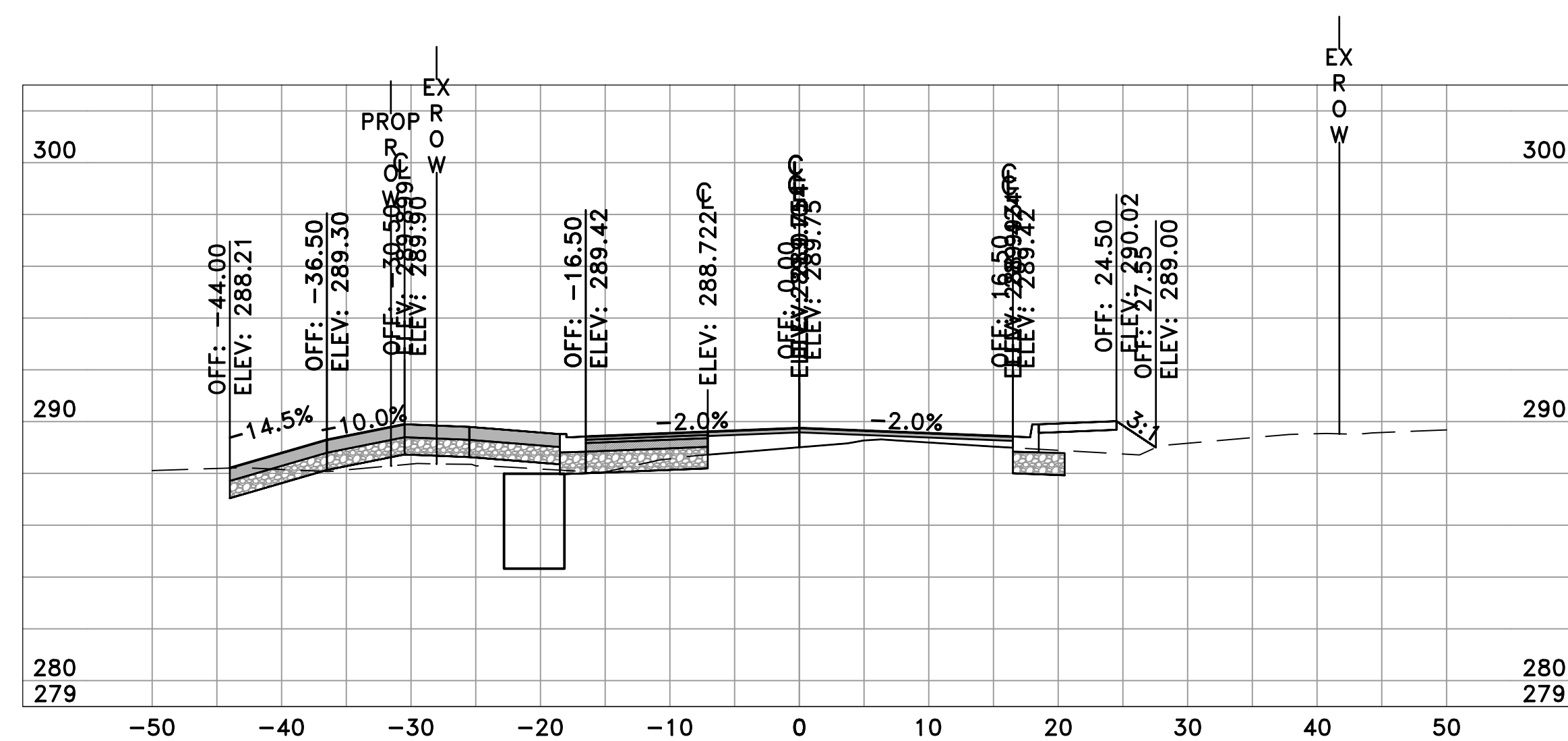
CHICOT RD
32+50
SL-94

	AREA	VOLUME	CUM. VOL.
CUT	5.99	5.43	1224.68
FILL	45.64	20.68	3723.18



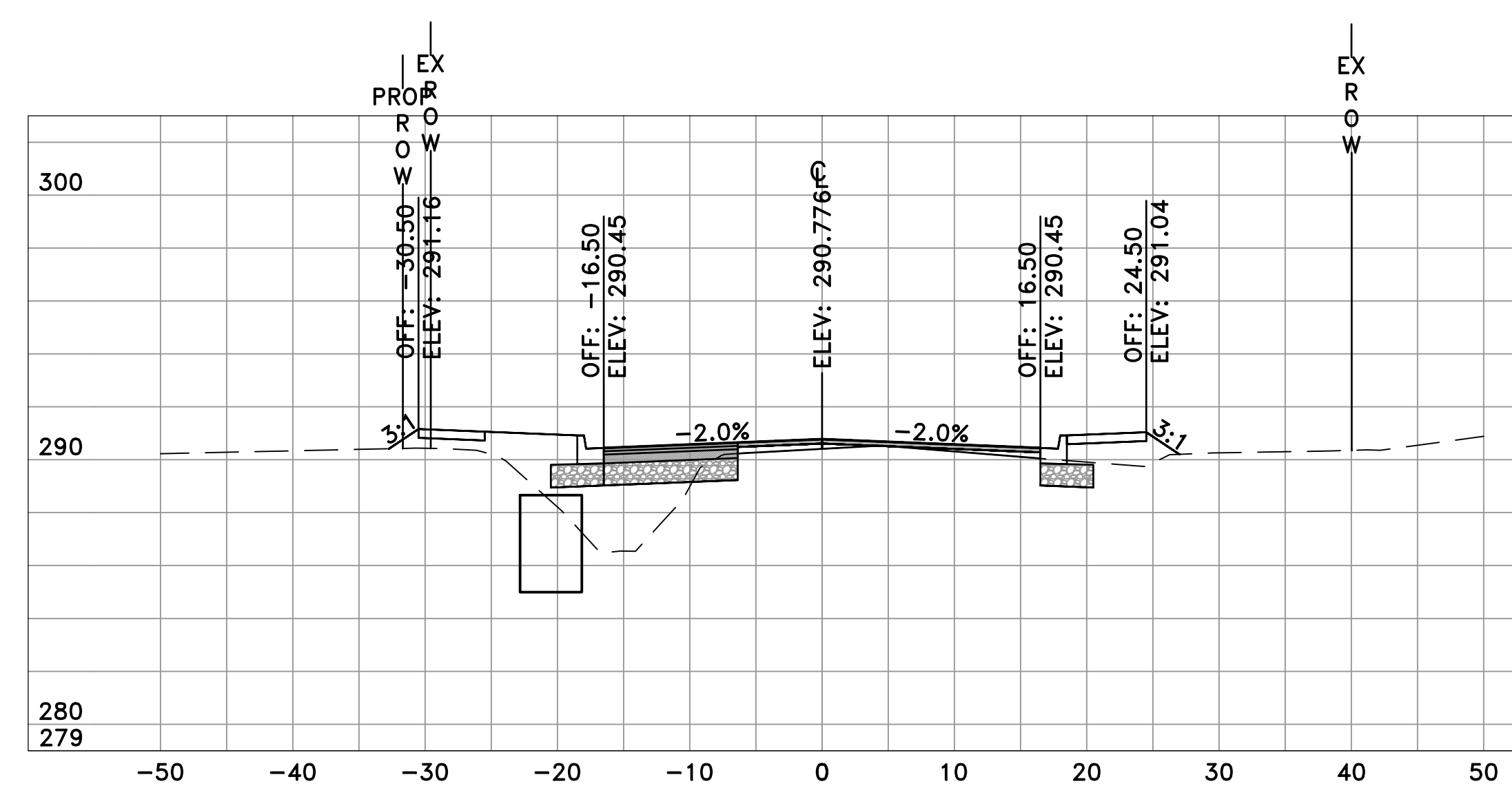
CHICOT RD
33+50
SL-96

	AREA	VOLUME	CUM. VOL.
CUT	9.48	14.79	1251.02
FILL	18.03	50.45	3849.66



CHICOT RD
32+33
SL-118

	AREA	VOLUME	CUM. VOL.
CUT	11.06	10.11	1219.25
FILL	19.30	35.17	3702.50



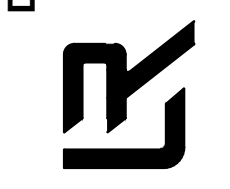
CHICOT RD
33+00
SL-95

	AREA	VOLUME	CUM. VOL.
CUT	6.49	11.56	1236.24
FILL	36.46	76.02	3799.21

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
CHICOT ROAD RECONSTRUCTION
CROSS SECTIONS (17)

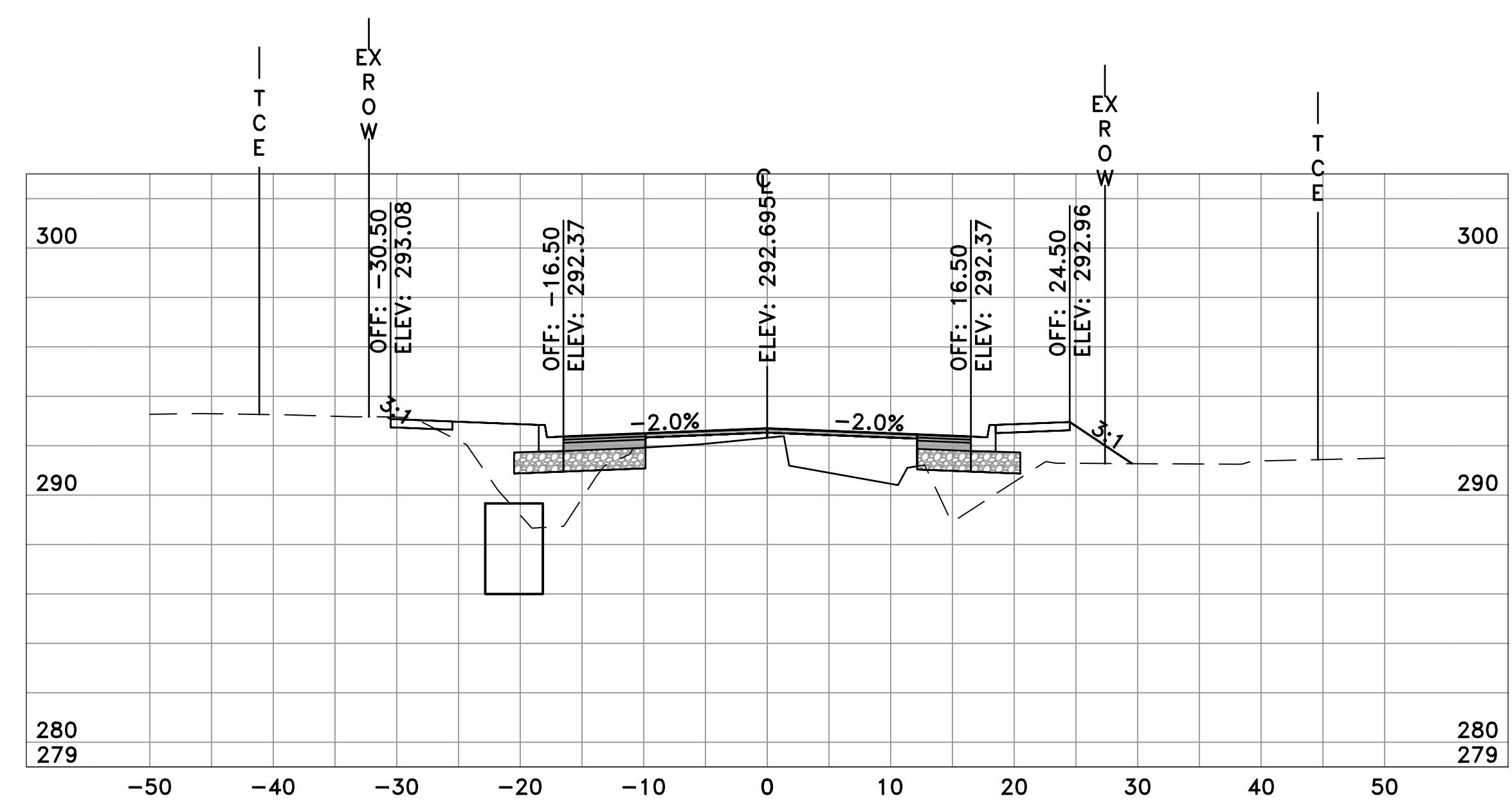
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



SEAL

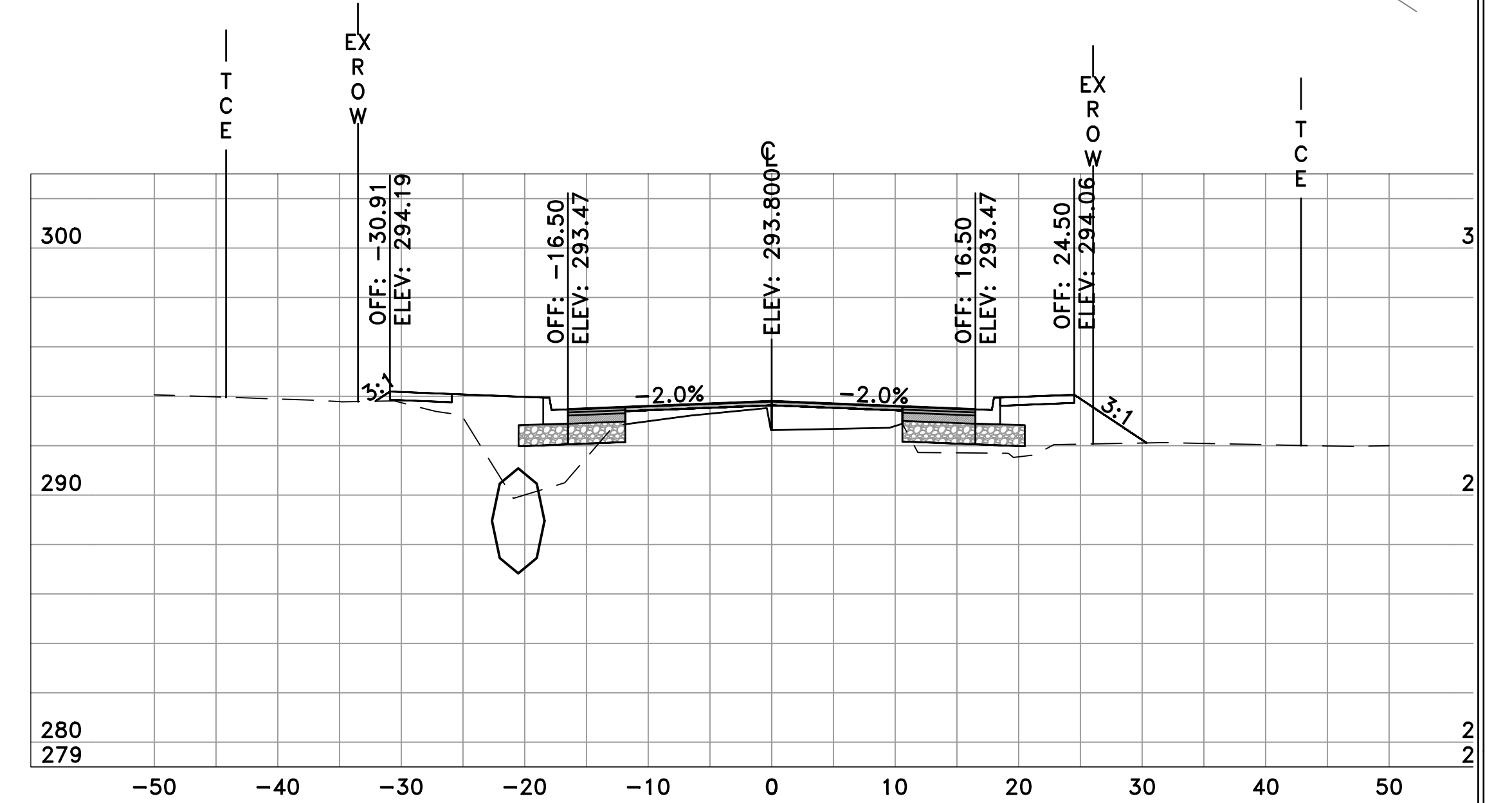
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DESIGNED
BOL
CHECKED
KLL
DATE
6-28-2019
SCALE
H: 1"=10'
V: 1"=5'
PROJECT NO.
CLR 07-17-ST-357
SHEET NO.
C41

60% SUBMITTAL



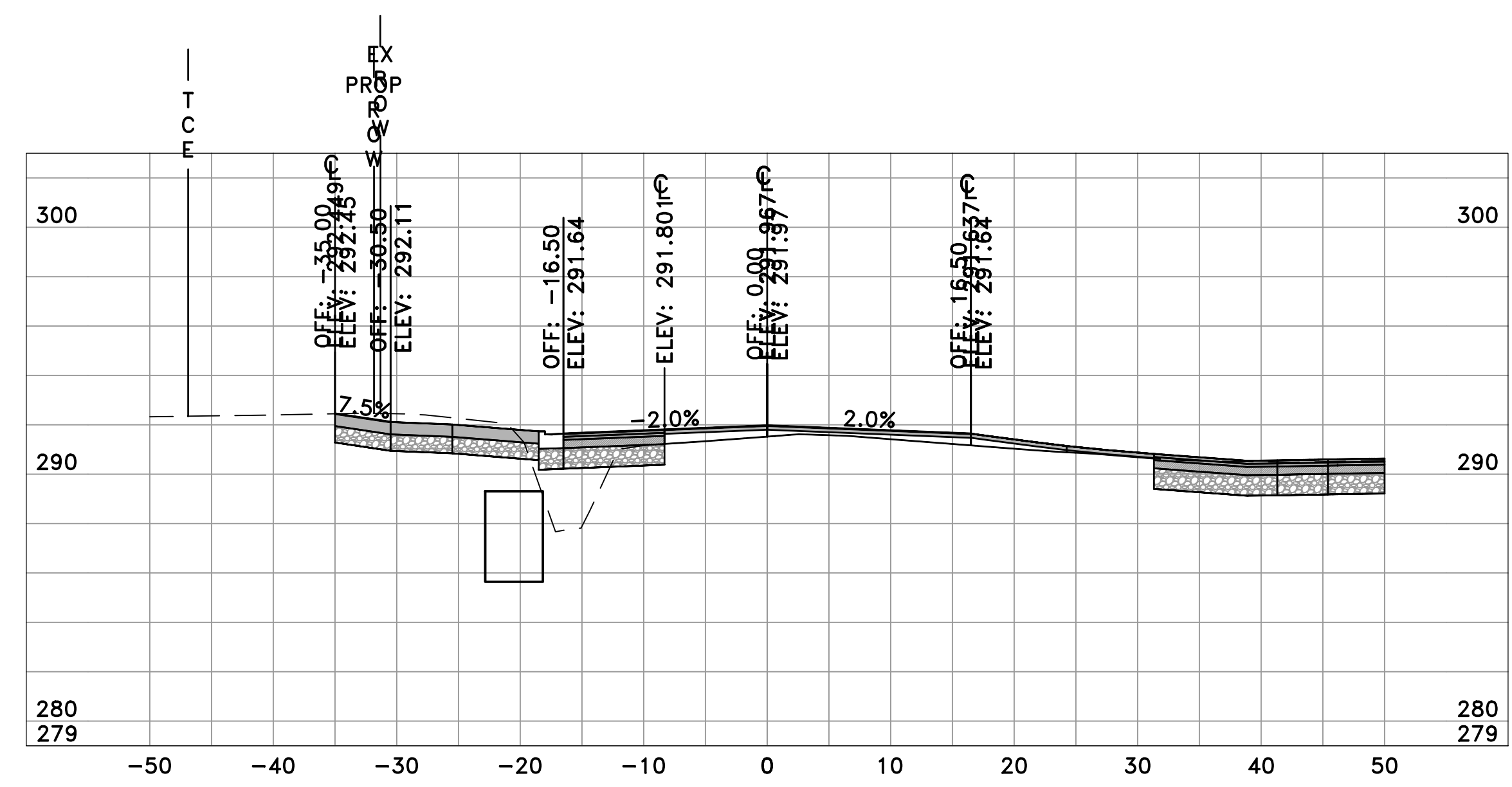
CHICOT RD
34+00
SL-97

	AREA	VOLUME	CUM. VOL.
CUT	3.79	34.73	1301.55
FILL	59.71	51.20	3910.65



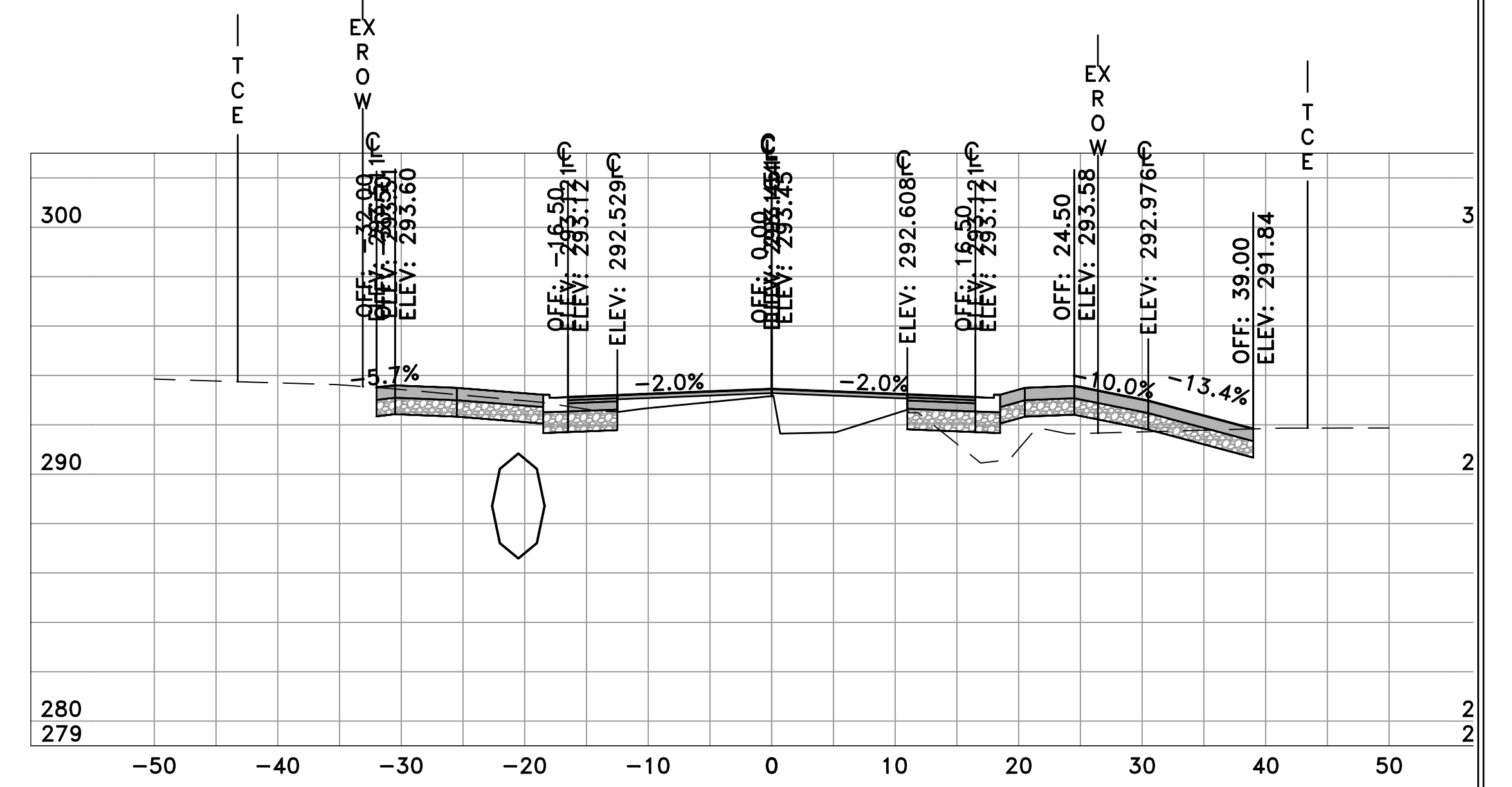
CHICOT RD
34+50
SL-98

	AREA	VOLUME	CUM. VOL.
CUT	7.46	9.57	1330.38
FILL	52.16	23.00	3990.45



CHICOT RD
33+65
SL-119

	AREA	VOLUME	CUM. VOL.
CUT	49.12	15.80	1266.82
FILL	18.30	9.79	3859.45



CHICOT RD
34+35
SL-120

	AREA	VOLUME	CUM. VOL.
CUT	26.22	19.26	1320.81
FILL	28.78	56.80	3967.45

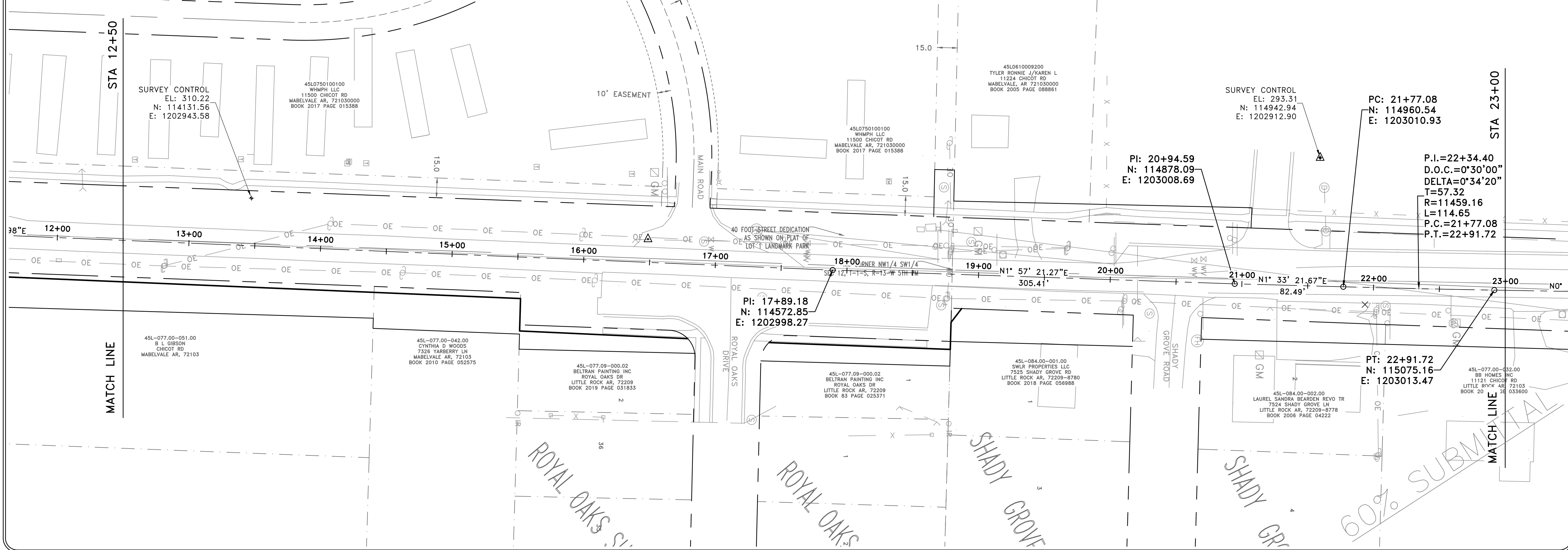
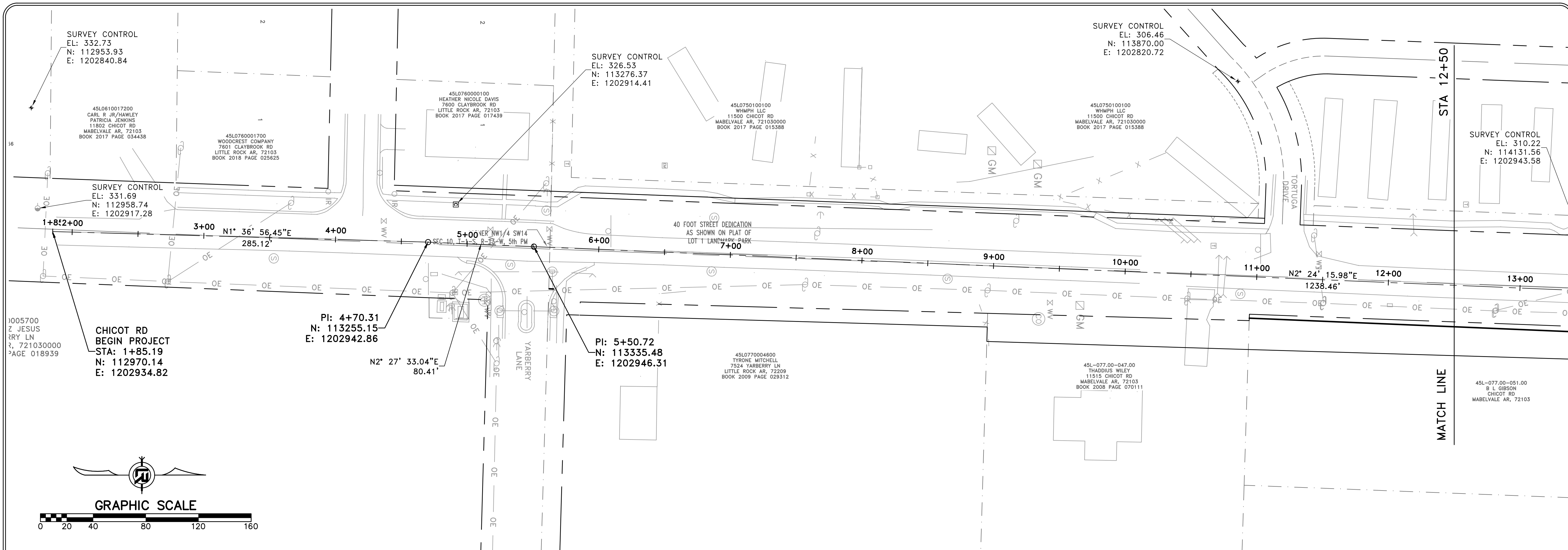
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
CHICOT ROAD RECONSTRUCTION
CROSS SECTIONS (18)

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

SEAL

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CHECKED
KLL
DATE
6-28-2019
SCALE
H: 1"=10'
V: 1"=5'
PROJECT NO.
CLR 07-17-ST-357
SHEET NO.
C42



REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
CHICOT ROAD RECONSTRUCTION
SURVEY CONTROL (1)

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



SEAL

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DESIGNED COF
CHECKED BOL
DATE 6-28-2019
SCALE 1" = 40'
PROJECT NO. CLR 07-17-ST-357
SHEET NO. C43

C: 21+77.08
 : 114960.54
 : 1203010.93

P.I.=22+34.4
 D.O.C.=0°30'00"
 DELTA=0°34'20"
 T=57.32
 R=11459.16
 L=114.65
 P.C.=21+77.08
 P.T.=22+91.72

PI: 24+83.87
 N: 115267.28
 E: 1203016.77

PC: 26+44.63
 N: 115428.02
 E: 1203019.14

PI: 28+43.08
 N: 115626.36
 E: 1203025.50

PC: 29+52.06
 N: 115735.28
 E: 1203029.34

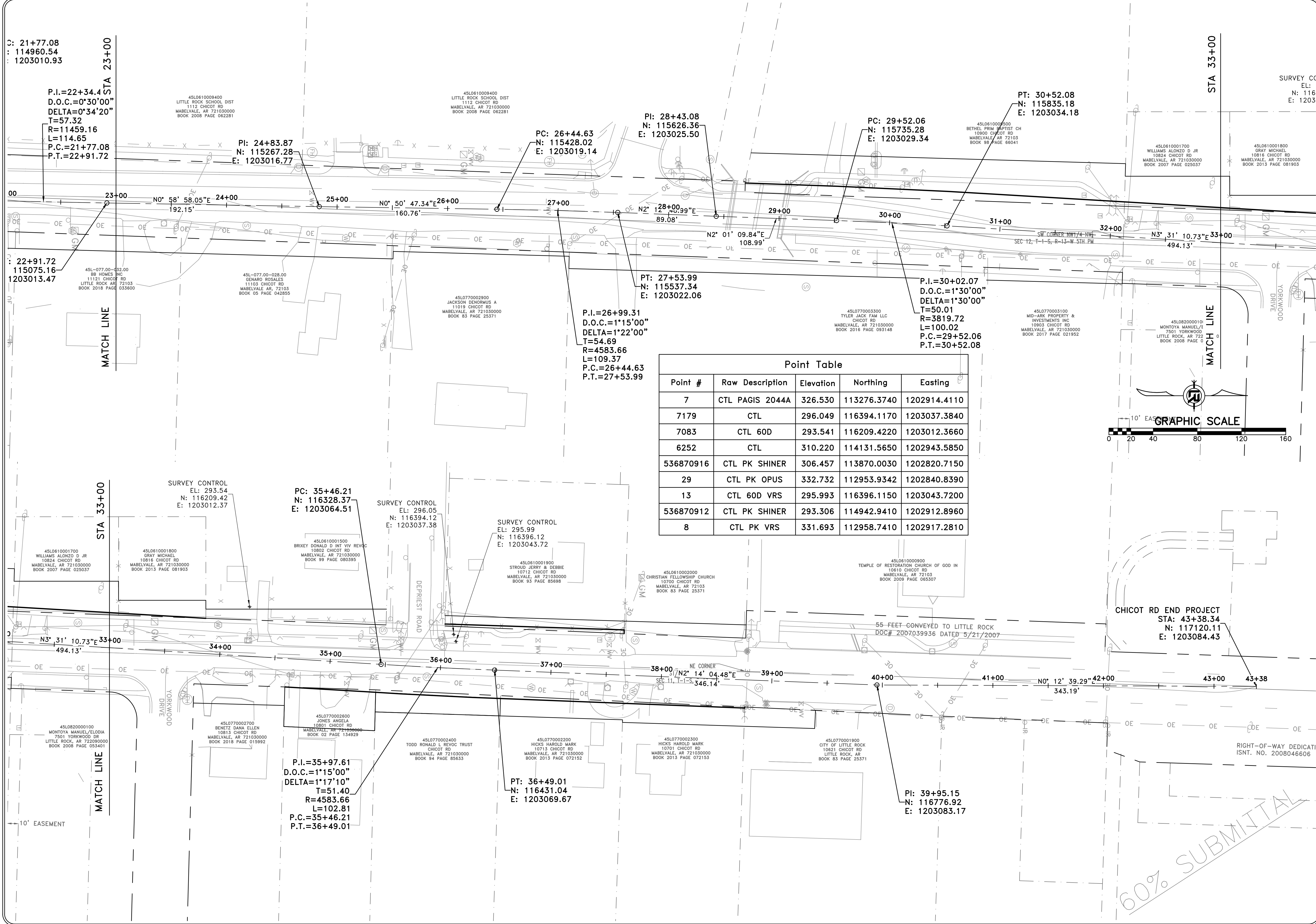
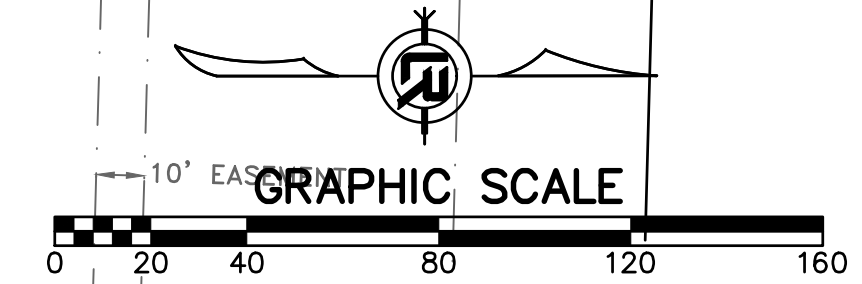
PT: 30+52.08
 N: 115835.18
 E: 1203034.18

PT: 27+53.99
 N: 115537.34
 E: 1203022.06

P.I.=26+99.31
 D.O.C.=1°15'00"
 DELTA=1°22'00"
 T=54.69
 R=4583.66
 L=109.37
 P.C.=26+44.63
 P.T.=27+53.99

P.I.=30+02.07
 D.O.C.=1°30'00"
 DELTA=1°30'00"
 T=50.01
 R=3819.72
 L=100.02
 P.C.=29+52.06
 P.T.=30+52.08

Point #	Raw Description	Elevation	Northing	Easting
7	CTL PAGIS 2044A	326.530	113276.3740	1202914.4110
7179	CTL	296.049	116394.1170	1203037.3840
7083	CTL 60D	293.541	116209.4220	1203012.3660
6252	CTL	310.220	114131.5650	1202943.5850
536870916	CTL PK SHINER	306.457	113870.0030	1202820.7150
29	CTL PK OPUS	332.732	112953.9342	1202840.8390
13	CTL 60D VRS	295.993	116396.1150	1203043.7200
536870912	CTL PK SHINER	293.306	114942.9410	1202912.8960
8	CTL PK VRS	331.693	112958.7410	1202917.2810



REVISIONS	DATE

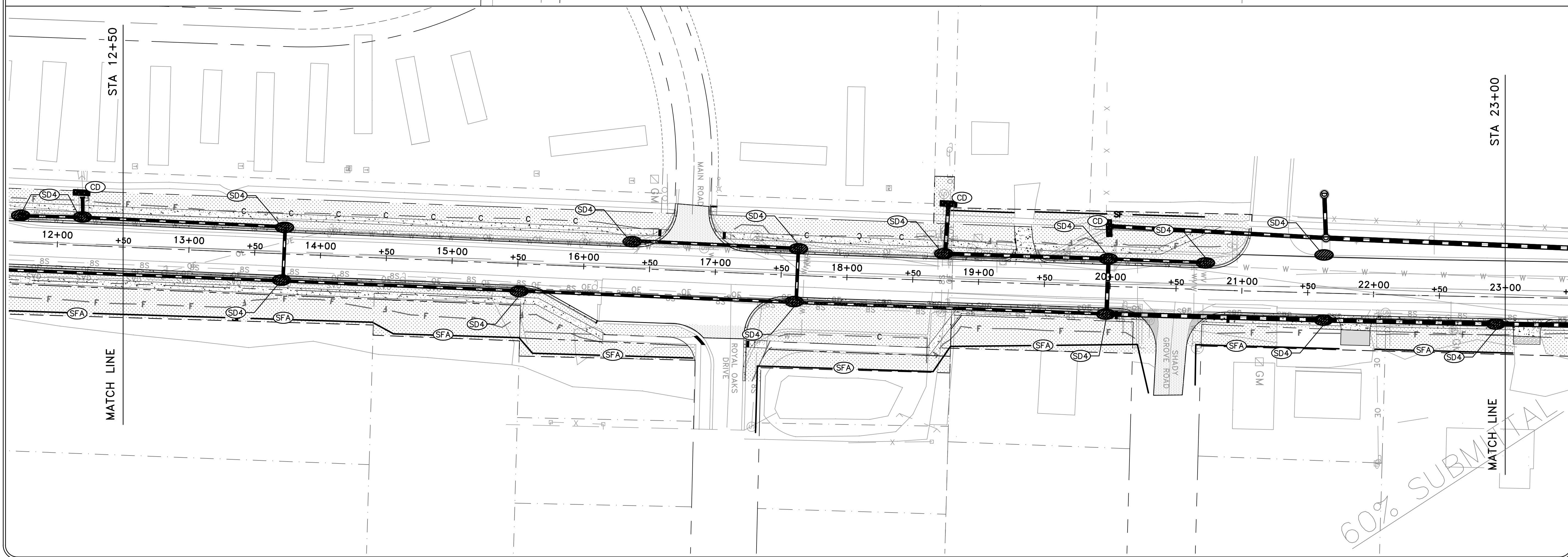
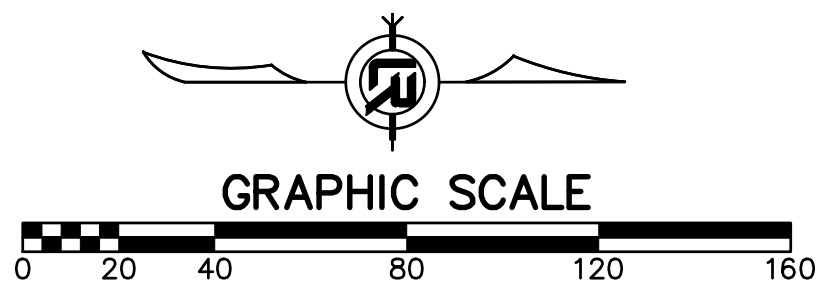
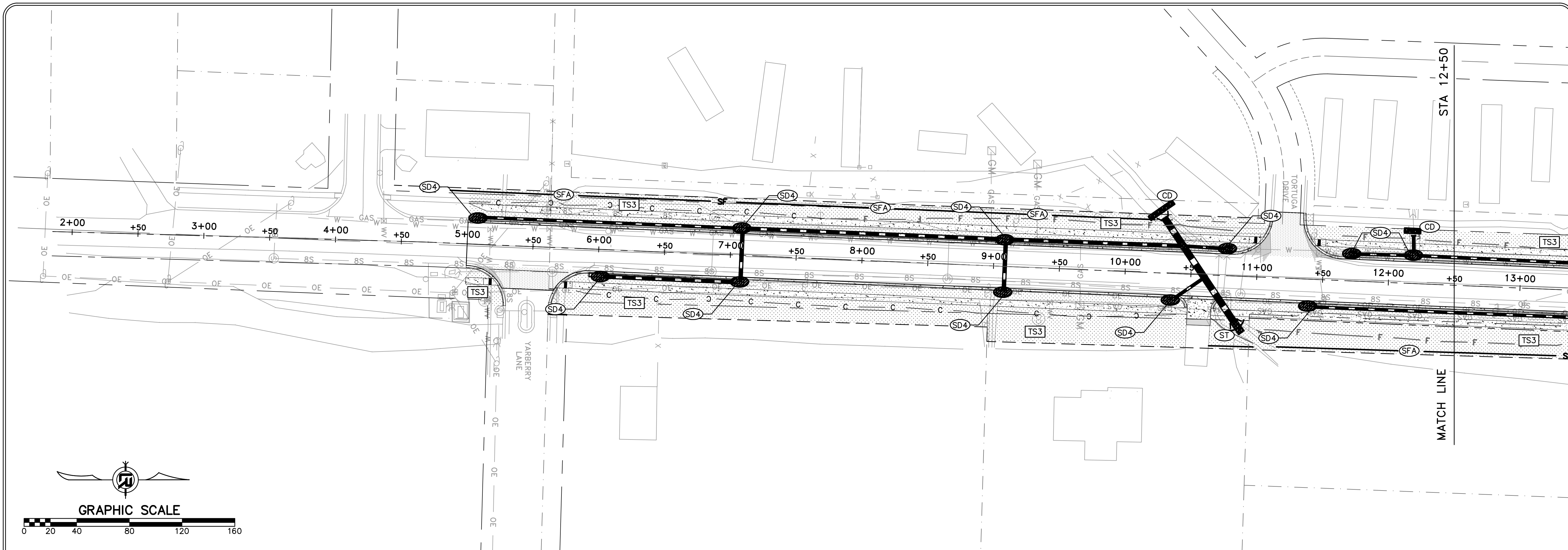
CITY OF LITTLE ROCK, ARKANSAS
 CHICOT ROAD RECONSTRUCTION
 SURVEY CONTROL (2)

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

SEAL

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 DESIGNED
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 CHECKED
 BOL
 DATE
 6-28-2019
 SCALE
 1" = 40'
 PROJECT NO.
 CLR 07-17-ST-357
 SHEET NO.
 C44

60% SUBMITTAL

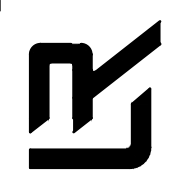


60% SUBMITTAL

REVISIONS	DATE

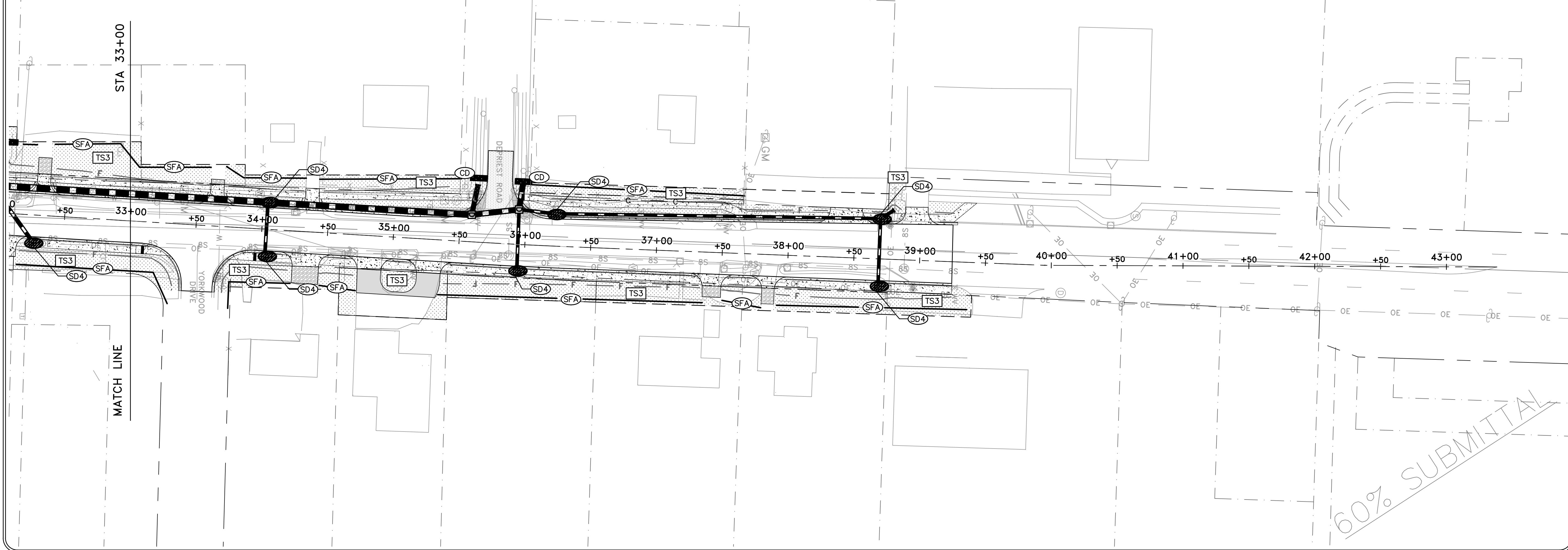
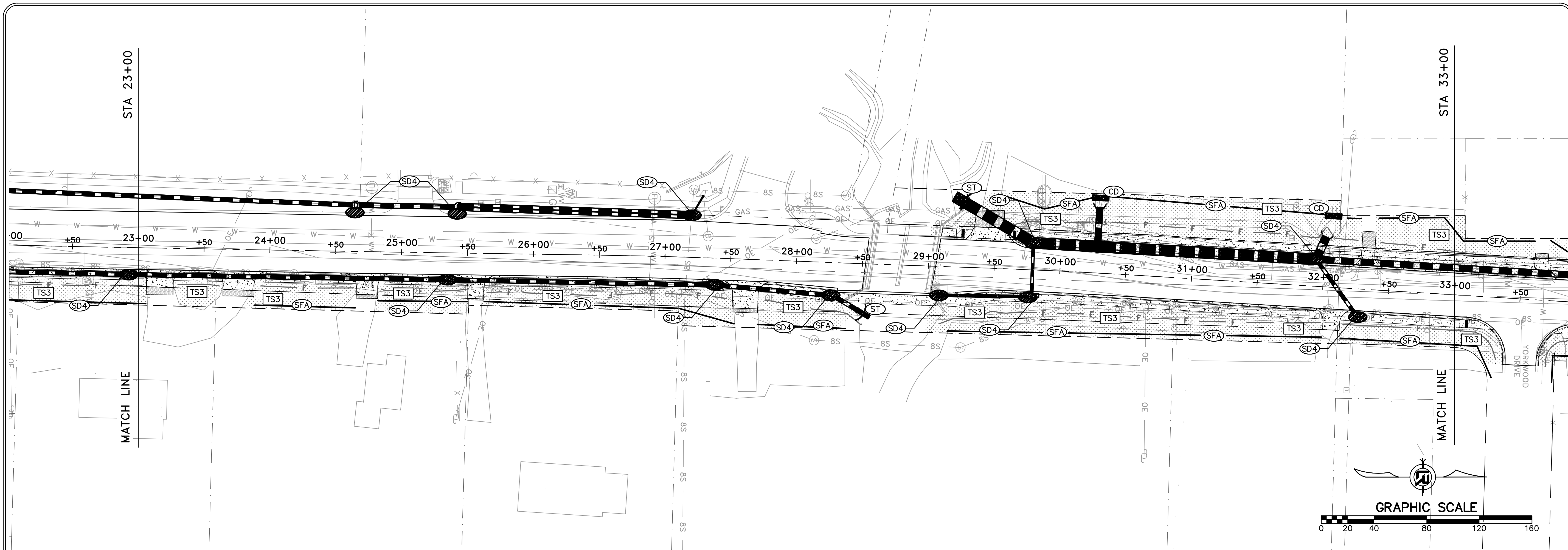
CITY OF LITTLE ROCK, ARKANSAS
 CHICOT ROAD RECONSTRUCTION
 EROSION CONTROL PLAN (1)

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



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 BOL
 DATE
 6-28-2019
 SCALE
 1" = 40'
 PROJECT NO.
 CLR 07-17-ST-357
 SHEET NO.
 C45



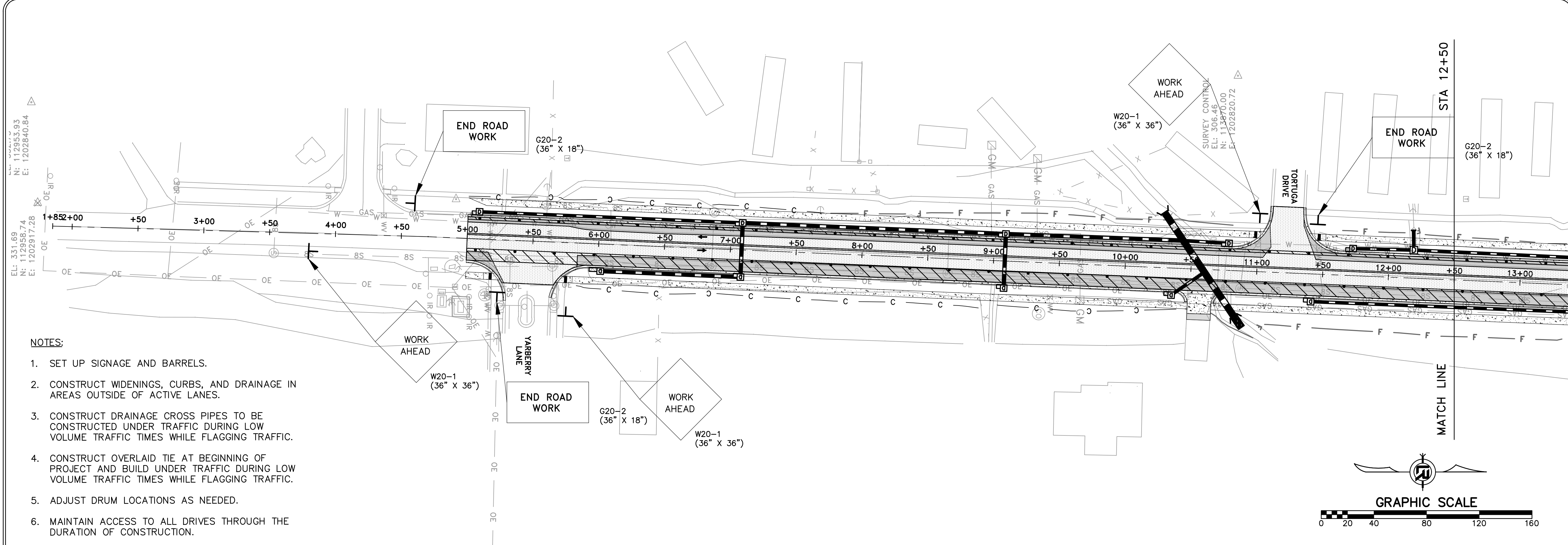
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 CHICOT ROAD RECONSTRUCTION
 EROSION CONTROL PLAN (2)

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

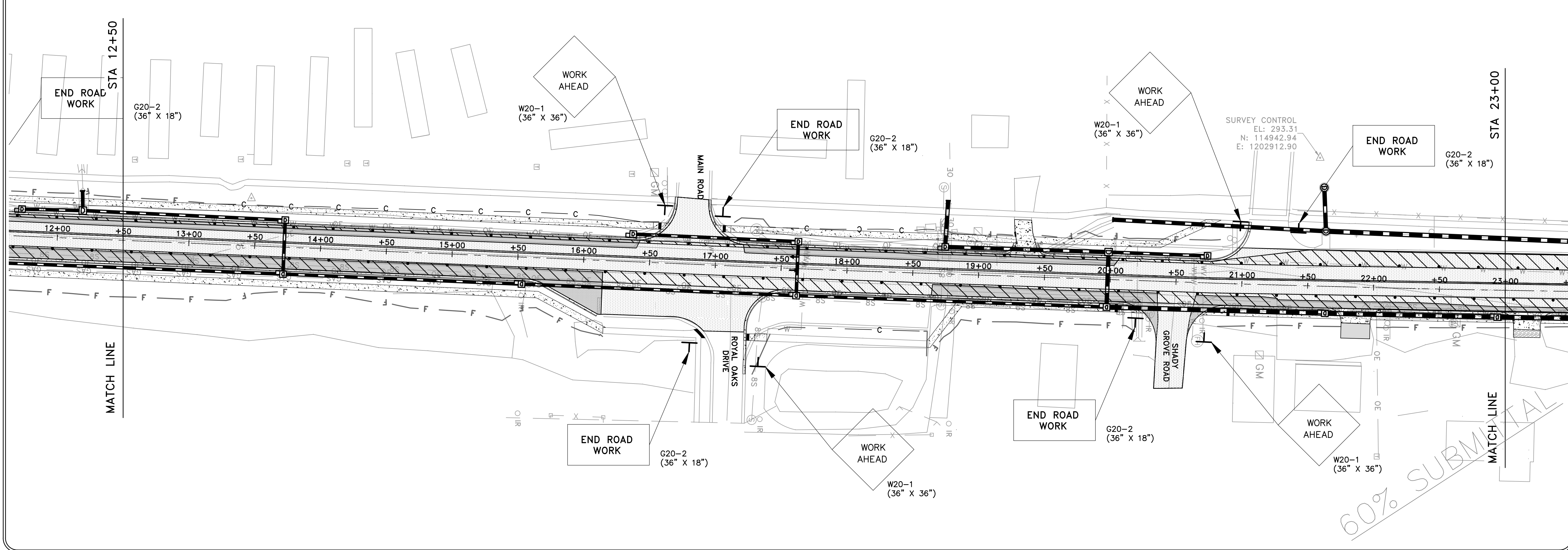
SEAL

DRAWN BY
 KLL
 DESIGNED
 COF
 CHECKED
 BOL
 DATE
 6-28-2019
 SCALE
 1" = 40'
 PROJECT NO.
 CLR 07-17-ST-357
 SHEET NO.
 C46



NOTES:

1. SET UP SIGNAGE AND BARRELS.
2. CONSTRUCT WIDENINGS, CURBS, AND DRAINAGE IN AREAS OUTSIDE OF ACTIVE LANES.
3. CONSTRUCT DRAINAGE CROSS PIPES TO BE CONSTRUCTED UNDER TRAFFIC DURING LOW VOLUME TRAFFIC TIMES WHILE FLAGGING TRAFFIC.
4. CONSTRUCT OVERLAID TIE AT BEGINNING OF PROJECT AND BUILD UNDER TRAFFIC DURING LOW VOLUME TRAFFIC TIMES WHILE FLAGGING TRAFFIC.
5. ADJUST DRUM LOCATIONS AS NEEDED.
6. MAINTAIN ACCESS TO ALL DRIVES THROUGH THE DURATION OF CONSTRUCTION.



REVISIONS	DATE

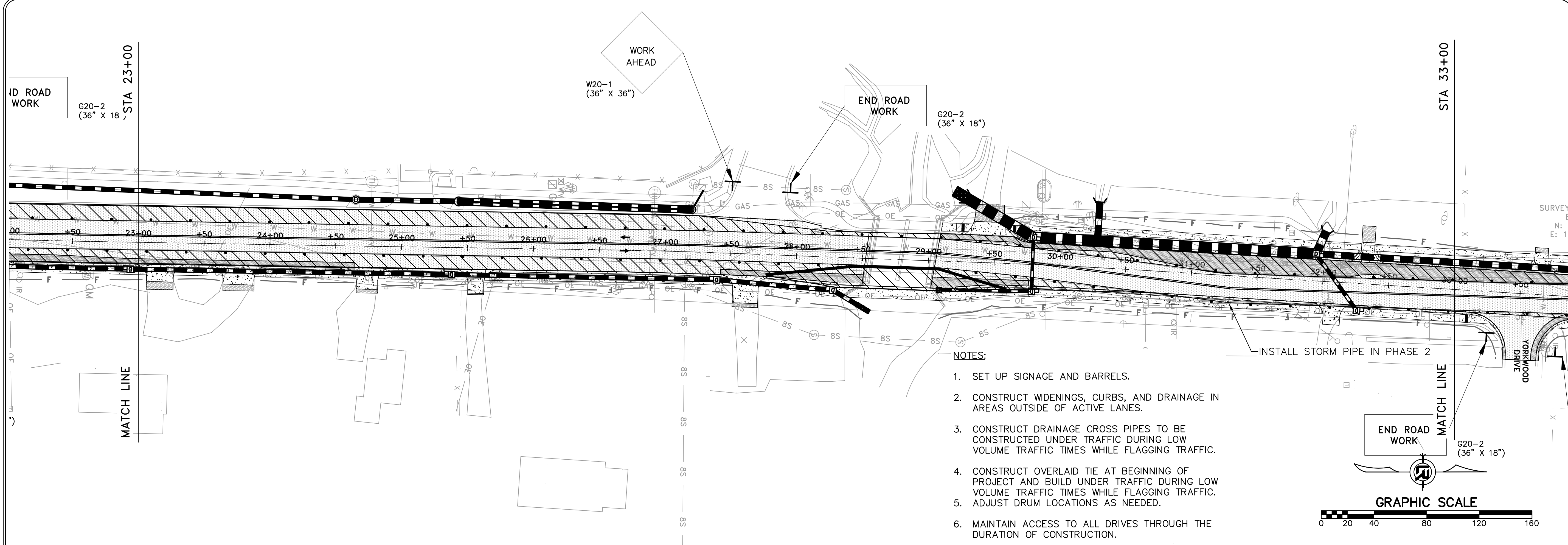
CITY OF LITTLE ROCK, ARKANSAS
CHICOT ROAD RECONSTRUCTION
MAINTENANCE OF TRAFFIC PLAN (1)
PHASE I

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

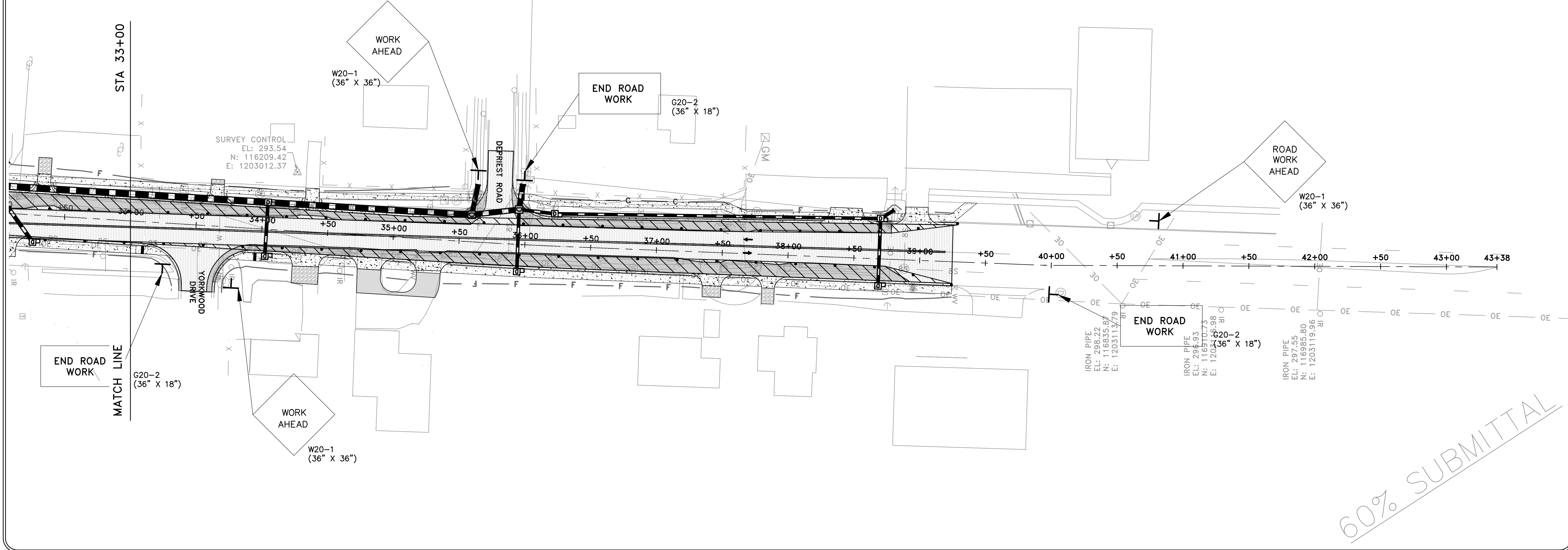
SEAL

DRAWN BY
 Cof
 DESIGNED
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 CHECKED
 Bol
 DATE
 6-28-2019
 SCALE
 1" = 40'
 PROJECT NO.
 CLR 07-17-ST-357
 SHEET NO.
C47

60% SUBMITTAL



- NOTES:
1. SET UP SIGNAGE AND BARRELS.
 2. CONSTRUCT WIDENINGS, CURBS, AND DRAINAGE IN AREAS OUTSIDE OF ACTIVE LANES.
 3. CONSTRUCT DRAINAGE CROSS PIPES TO BE CONSTRUCTED UNDER TRAFFIC DURING LOW VOLUME TRAFFIC TIMES WHILE FLAGGING TRAFFIC.
 4. CONSTRUCT OVERLAID TIE AT BEGINNING OF PROJECT AND BUILD UNDER TRAFFIC DURING LOW VOLUME TRAFFIC TIMES WHILE FLAGGING TRAFFIC. ADJUST DRUM LOCATIONS AS NEEDED.
 5. MAINTAIN ACCESS TO ALL DRIVES THROUGH THE DURATION OF CONSTRUCTION.



60% SUBMITTAL

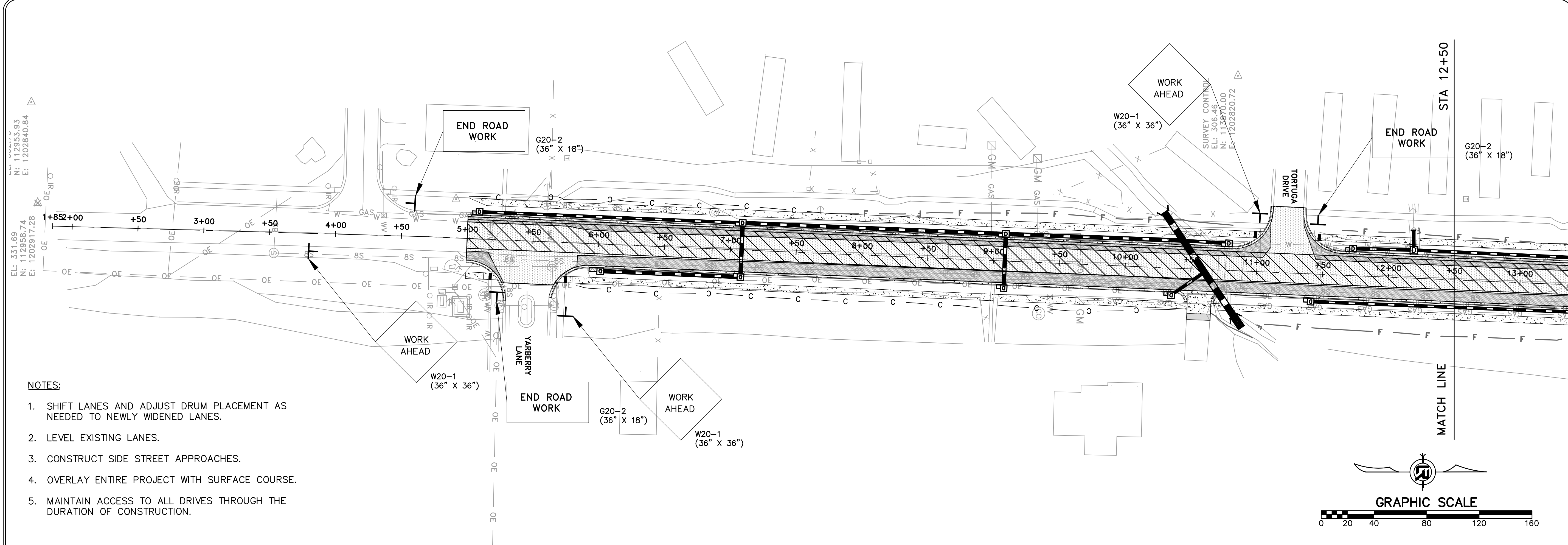
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 CHICOT ROAD RECONSTRUCTION
 MAINTENANCE OF TRAFFIC PLAN (2)
 PHASE I

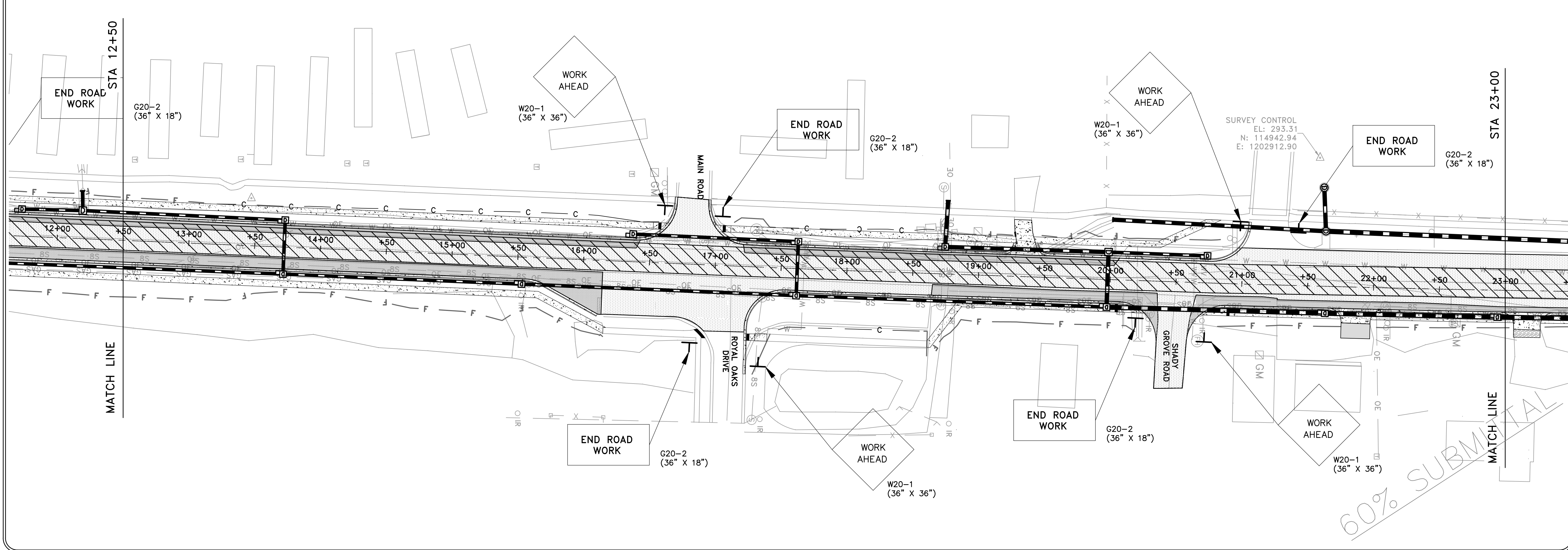
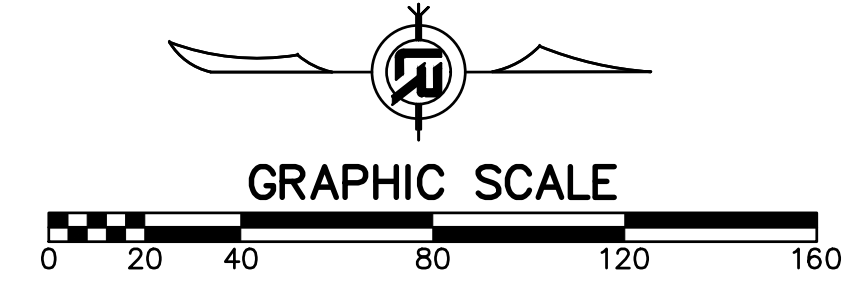
DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201

SEAL

DRAWN BY
 COF
 DESIGNED
 COF
 CHECKED
 BOL
 DATE
 6-28-2019
 SCALE
 1" = 40'
 PROJECT NO.
 CLR 07-17-ST-357
 SHEET NO.
 C48



- NOTES:**
1. SHIFT LANES AND ADJUST DRUM PLACEMENT AS NEEDED TO NEWLY WIDENED LANES.
 2. LEVEL EXISTING LANES.
 3. CONSTRUCT SIDE STREET APPROACHES.
 4. OVERLAY ENTIRE PROJECT WITH SURFACE COURSE.
 5. MAINTAIN ACCESS TO ALL DRIVES THROUGH THE DURATION OF CONSTRUCTION.



60% SUBMITTAL

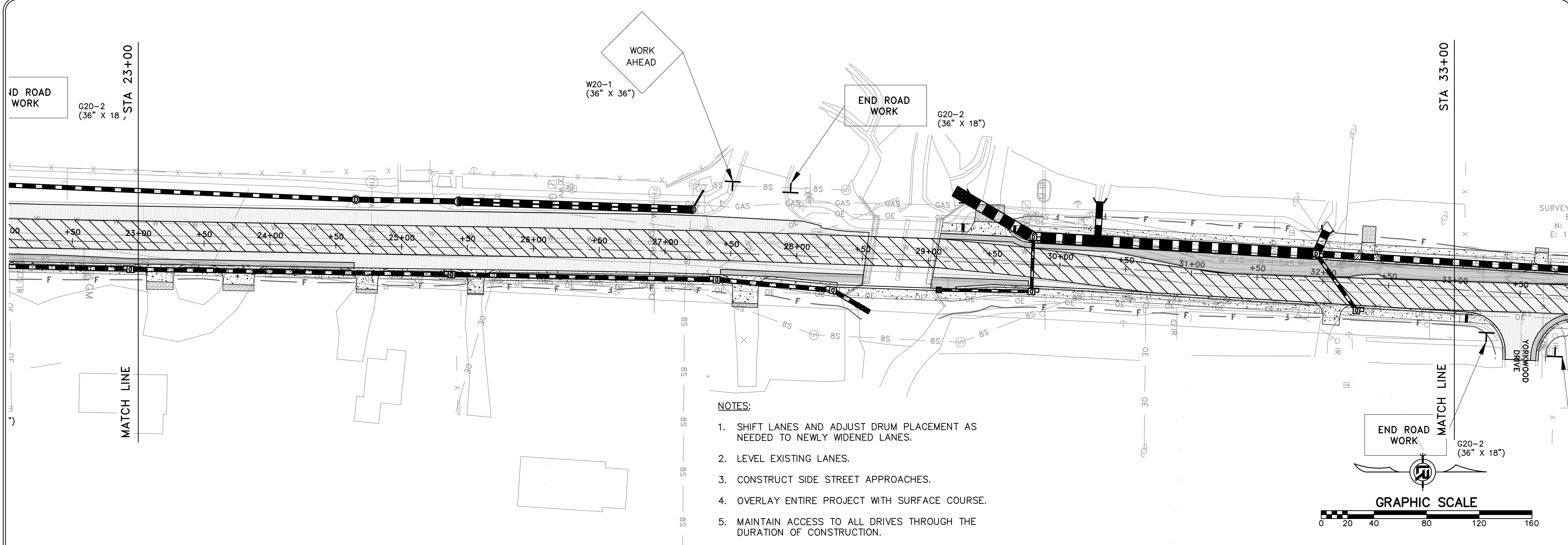
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
CHICOT ROAD RECONSTRUCTION
MAINTENANCE OF TRAFFIC PLAN (3)
PHASE II

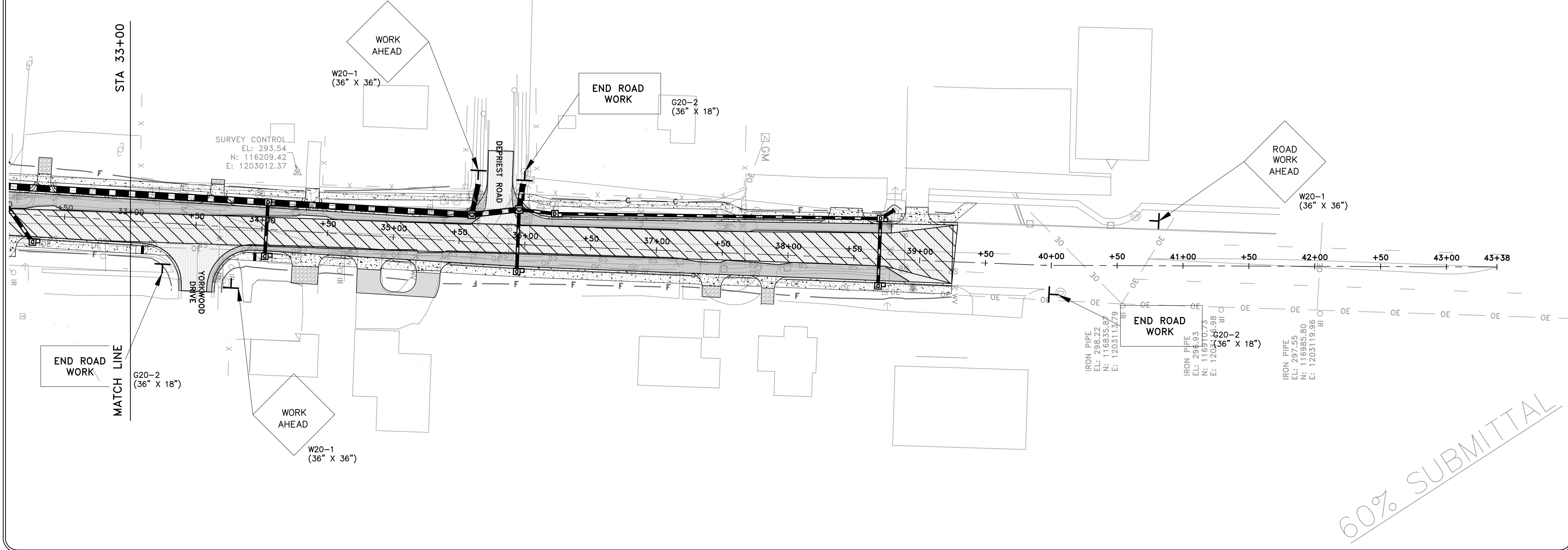
DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201

SEAL

DRAWN BY
 COF
 DESIGNED
 COF
 CHECKED
 BOL
 DATE
 6-28-2019
 SCALE
 1" = 40'
 PROJECT NO.
 CLR 07-17-ST-357
 SHEET NO.
C49



- NOTES:**
1. SHIFT LANES AND ADJUST DRUM PLACEMENT AS NEEDED TO NEWLY WIDENED LANES.
 2. LEVEL EXISTING LANES.
 3. CONSTRUCT SIDE STREET APPROACHES.
 4. OVERLAY ENTIRE PROJECT WITH SURFACE COURSE.
 5. MAINTAIN ACCESS TO ALL DRIVES THROUGH THE DURATION OF CONSTRUCTION.



60% SUBMITTAL

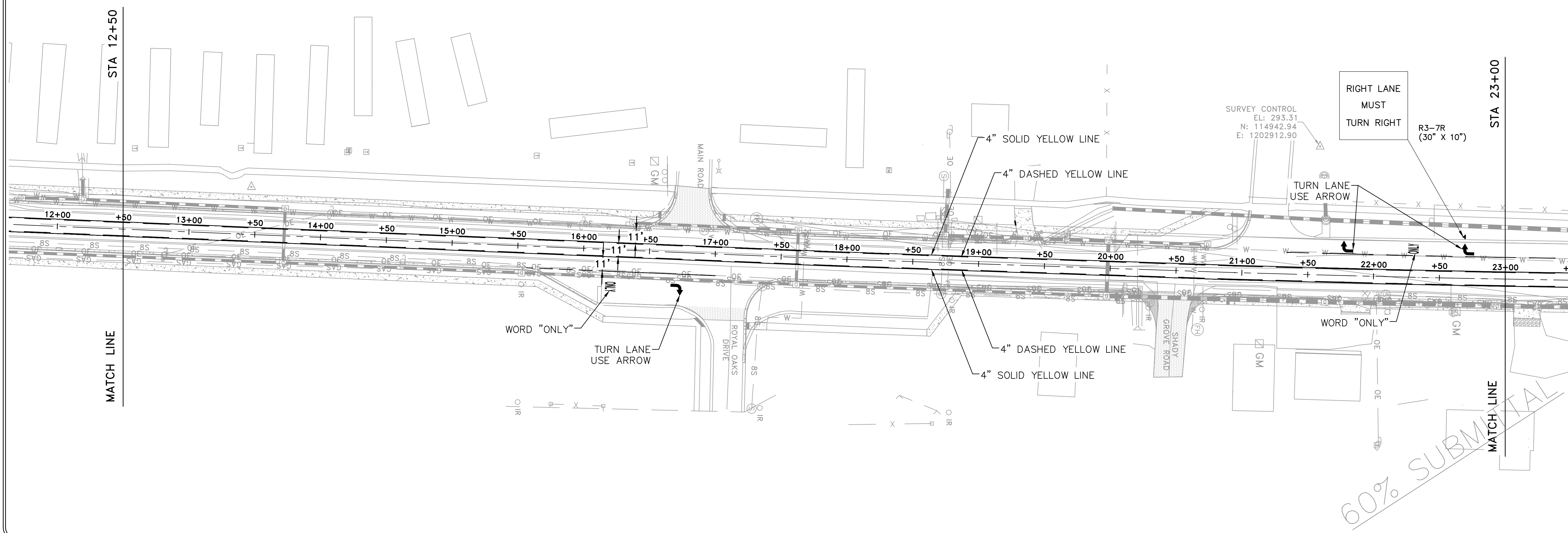
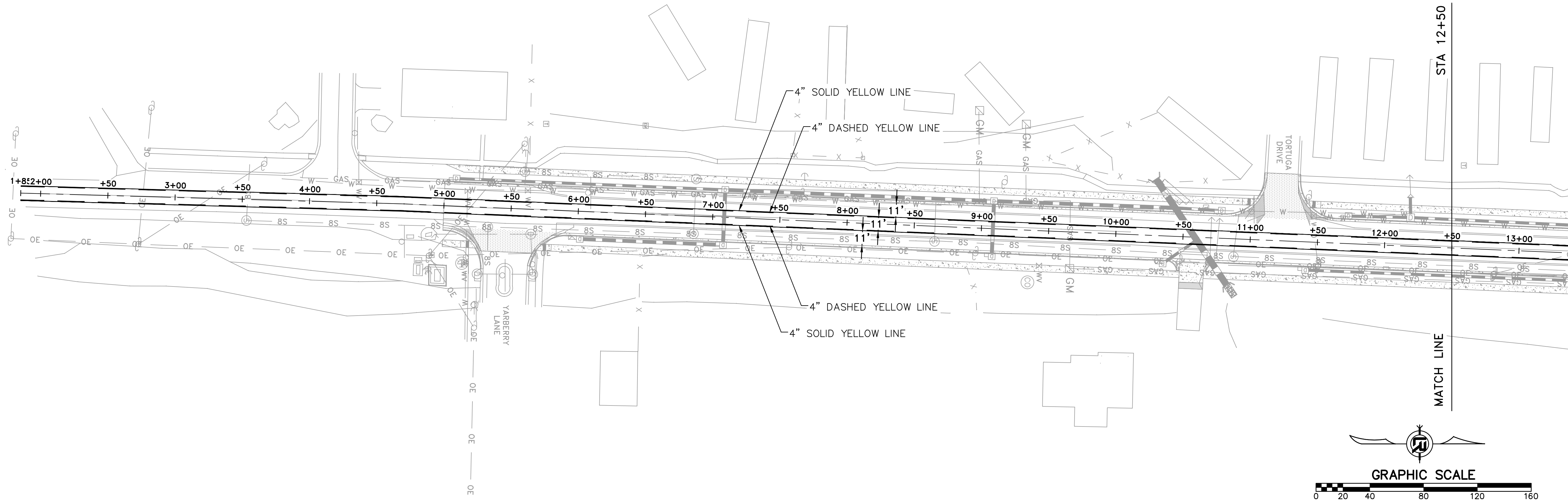
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 CHICOT ROAD RECONSTRUCTION
 MAINTENANCE OF TRAFFIC PLAN (4)
 PHASE II

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

SEAL

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 Bol
 DATE
 6-28-2019
 SCALE
 1" = 40'
 PROJECT NO.
 CLR 07-17-ST-357
 SHEET NO.
 C50



REVISIONS	DATE

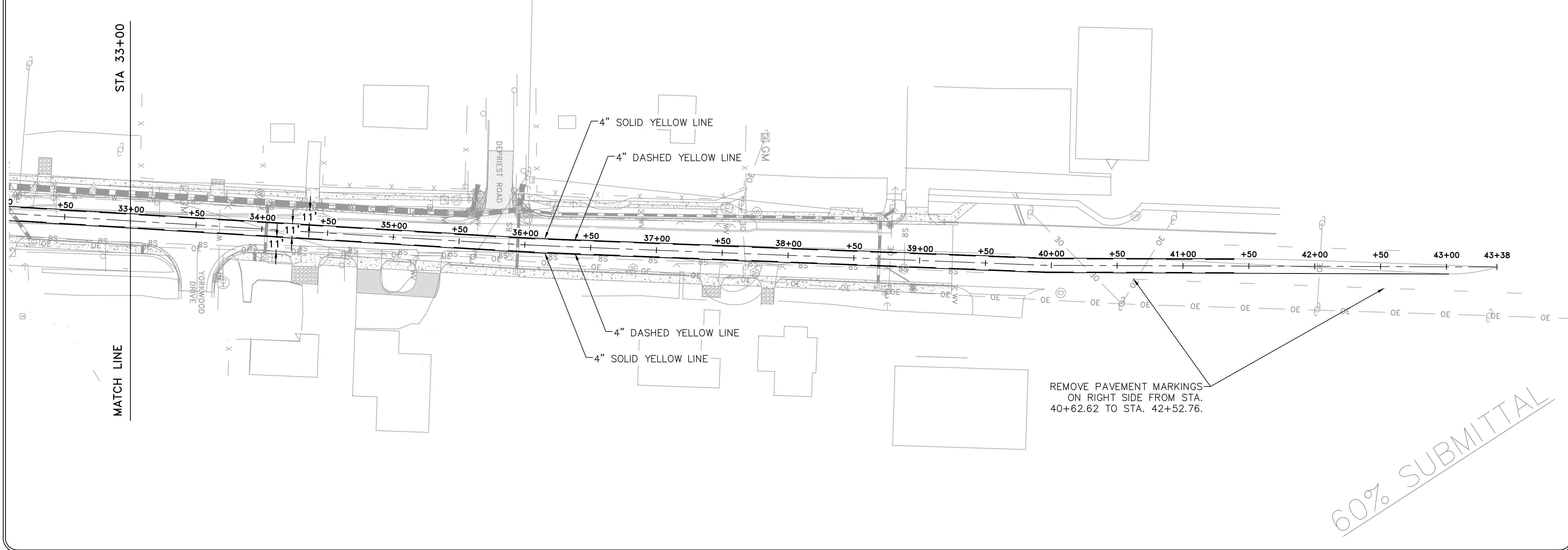
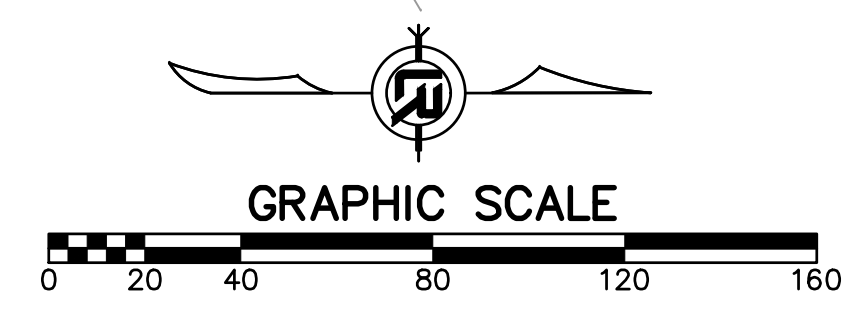
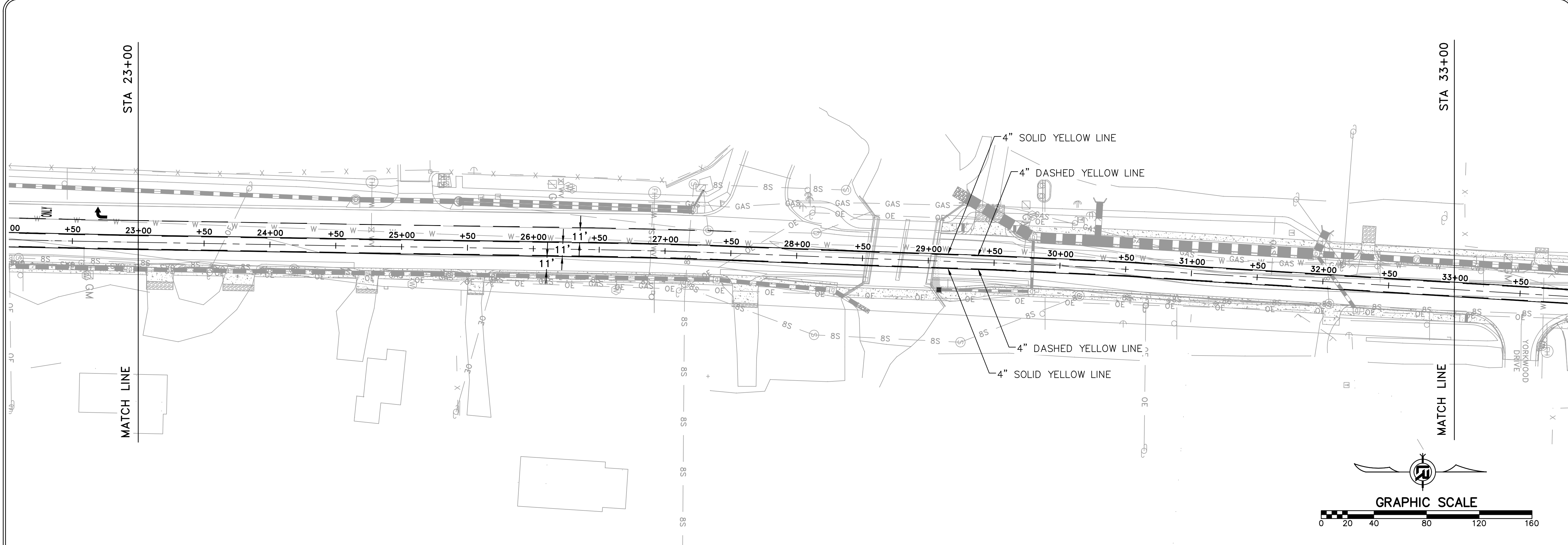
CITY OF LITTLE ROCK, ARKANSAS
 CHICOT ROAD RECONSTRUCTION
 SIGNAGE AND MARKING PLAN (1)

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

SEAL

DRAWN BY
 KLL
 DESIGNED
 COF
 CHECKED
 BOL
 DATE
 6-28-2019
 SCALE
 1" = 40'
 PROJECT NO.
 CLR 07-17-ST-357
 SHEET NO.
 C51

60% SUBMITTAL



REMOVE PAVEMENT MARKINGS
ON RIGHT SIDE FROM STA.
40+62.62 TO STA. 42+52.76.

60% SUBMITTAL

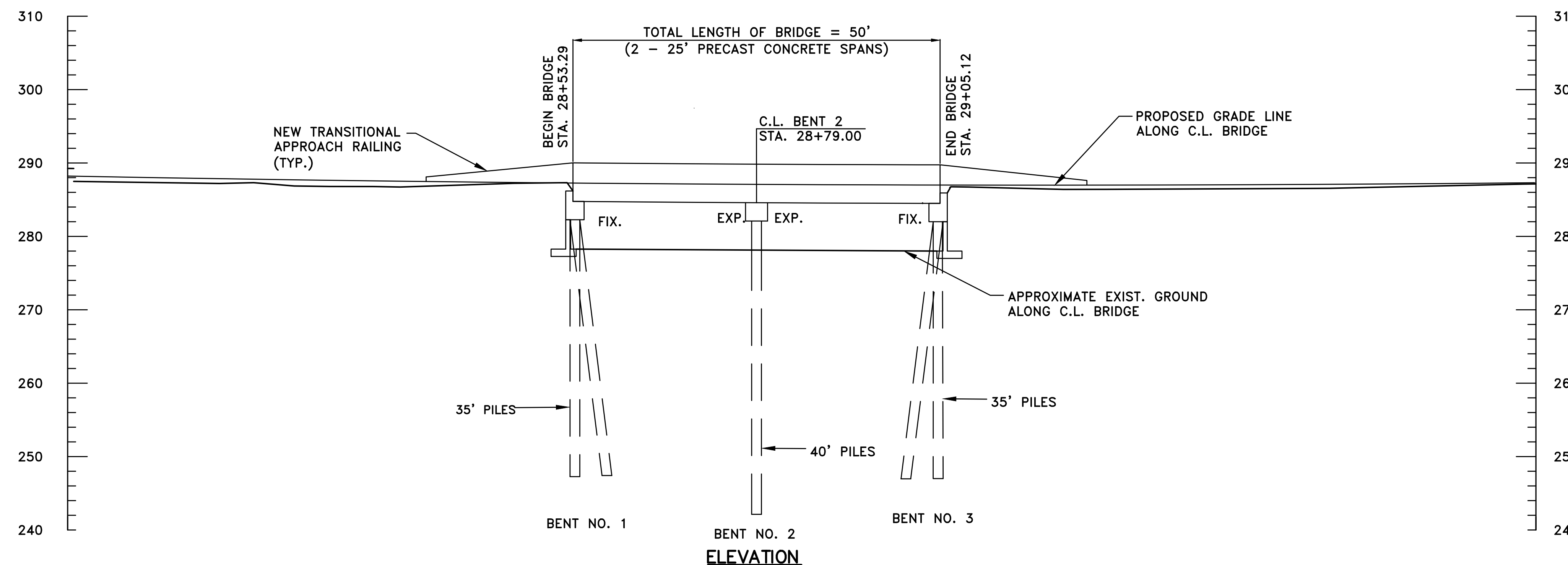
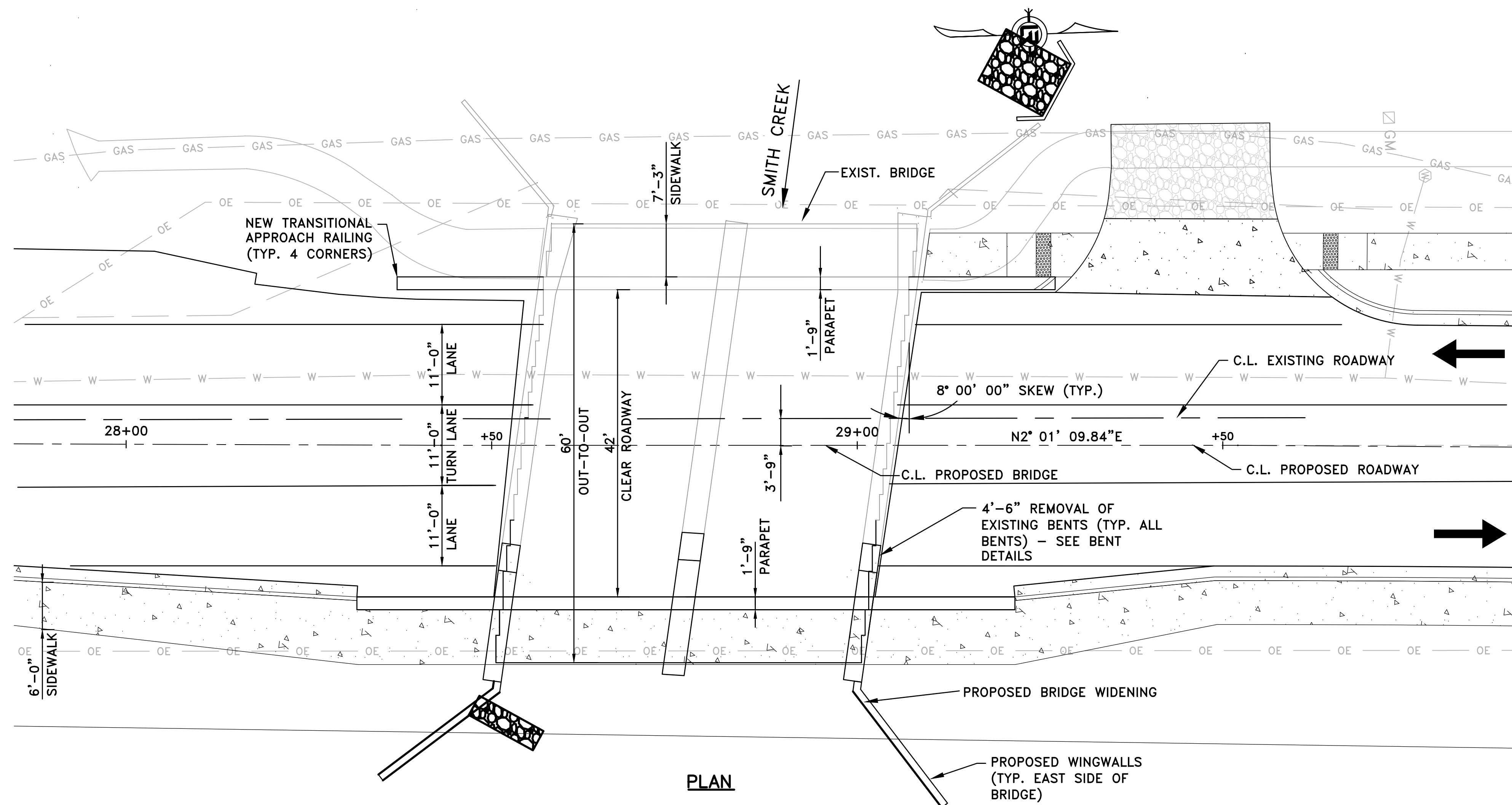
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
CHICOT ROAD RECONSTRUCTION
SIGNAGE AND MARKING PLAN (2)

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

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KLL
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DATE
6-28-2019
SCALE
1" = 40'
PROJECT NO.
CLR 07-17-ST-357
SHEET NO.
C52



GENERAL NOTES

CONSTRUCTION SPECIFICATIONS:
CITY OF LITTLE ROCK CONTRACT CONDITIONS AND SPECIFICATIONS (NOVEMBER 2015)

ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (2014 EDITION) WITH APPLICABLE SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS. UNLESS NOTED OTHERWISE IN THE PLANS, SECTION AND SUBSECTION NUMBERS REFER TO THE CONSTRUCTION SPECIFICATIONS.

DESIGN SPECIFICATIONS: (FOR NEW WORK)
STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES (17TH EDITION - 2002)
LIVE LOADING: HS20

MATERIALS AND STRENGTHS:
CLASS S(AE) CONCRETE $f'_c = 4,000$ PSI
CLASS S CONCRETE $f'_c = 3,500$ PSI
REINFORCING STEEL (AASHTO M31 OR M322, TYPE A, GR. 60) $f_y = 60,000$ PSI

SHOP DRAWINGS & REQUEST FOR SUBSTITUTIONS:
ALL SHOP DRAWINGS AND REQUEST FOR SUBSTITUTIONS SHALL BE SENT TO THE SEALING ENGINEER FOR APPROVAL PRIOR TO FABRICATION.

CONCRETE:
CONCRETE SHALL BE POURED IN THE DRY AND ALL EXPOSED CORNERS TO BE CHAMFERED $\frac{3}{4}$ " UNLESS OTHERWISE NOTED. ALL SUPERSTRUCTURE CONCRETE SHALL BE CLASS S(AE) WITH A MINIMUM 28 DAY COMPRESSIVE STRENGTH $f'_c = 4,000$ PSI. ALL SUBSTRUCTURE CONCRETE SHALL BE CLASS S WITH A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF $f'_c = 3,500$ PSI.

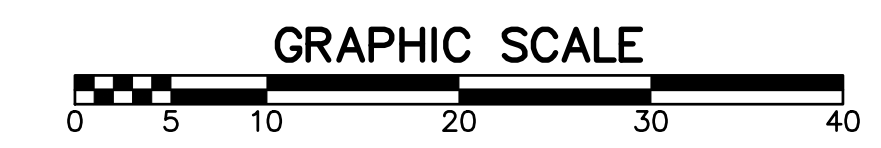
THE CONCRETE BETWEEN CURBS SHALL BE GIVEN A GROOVED FINISH IN ACCORDANCE WITH SUBSECTION 802.19 FOR CLASS 7 GROOVED BRIDGE ROADWAY SURFACE FINISH. SIDEWALKS SHALL BE GIVEN A CLASS 6 BROOMED FINISH. THE EXTERIOR VERTICAL FACES OF THE PRECAST UNITS SHALL BE GIVEN A CLASS 3 TEXTURED COATING FINISH PER SECTION 802.19(b)(3). IN ADDITION, ALL EXPOSED SURFACES OF THE EXISTING CONCRETE END BENTS, INTERMEDIATE BENT, WINGWALLS, AND TOP AND SIDES OF CONCRETE PARAPETS SHALL BE GIVEN A CLASS 3 TEXTURED COATING FINISH PER SUBSECTION 802.19(b)(3). TEXTURE COATING THE EXISTING CONCRETE SURFACES SHALL NOT BE PAID FOR DIRECTLY, BUT SHALL BE SUBSIDIARY TO OTHER ITEMS OF WORK.

REINFORCING STEEL:
ALL REINFORCING STEEL SHALL CONFORM TO AASHTO M31 OR M322, TYPE A GR. 60. MILL TEST REPORTS SHALL BE SUBMITTED FOR REINFORCING STEEL. THE REINFORCING STEEL IS TO BE ACCURATELY LOCATED IN THE FORMS AND FIRMLY HELD IN PLACE BY STEEL WIRE SUPPORTS, SUFFICIENT IN NUMBER AND SIZE TO PREVENT DISPLACEMENT DURING THE COURSE OF CONSTRUCTION. THE WIRE SUPPORTS WILL NOT BE PAID FOR DIRECTLY, BUT WILL BE CONSIDERED SUBSIDIARY TO THE ITEM "REINFORCING STEEL (GRADE 60)."

EXISTING UTILITIES:
THERE IS A POSSIBILITY THAT UNDERGROUND UTILITIES EXIST WITHIN AND ADJACENT TO THE LIMITS OF CONSTRUCTION. AN ATTEMPT HAS BEEN MADE TO LOCATE THESE UTILITIES ON THE PLANS. ALL EXISTING UTILITIES MAY NOT BE SHOWN ON THE PLANS, AND THE LOCATION OF THE UTILITIES MAY VARY FROM THE APPROXIMATE LOCATION SHOWN ON THE PLANS. PRIOR TO BEGINNING ANY TYPE OF EXCAVATION, THE CONTRACTOR SHALL CONTACT THE UTILITIES INVOLVED AND MAKE ARRANGEMENTS FOR THE LOCATION OF THE UTILITY ON THE GROUND. THE CONTRACTOR SHALL MAINTAIN THE UTILITY LOCATION MARKINGS UNTIL THEY ARE NO LONGER NECESSARY.

ARKANSAS STATE LAW, THE UNDERGROUND FACILITIES DAMAGE PREVENTION ACT, REQUIRES TWO WORKING DAYS ADVANCE NOTIFICATION THROUGH THE ARKANSAS ONE-CALL SYSTEM CENTER BEFORE EXCAVATING USING MECHANIZED EQUIPMENT OR EXPLOSIVES (EXCEPT IN THE CASE OF AN EMERGENCY). THE ONE-CALL SYSTEM PHONE NUMBER IS 1-800-482-8998. THE CONTRACTOR IS ADVISED THAT THERE IS A SEVERE PENALTY FOR NOT MAKING THIS CALL. NOT ALL UTILITY COMPANIES ARE MEMBERS OF THE ARKANSAS ONE-CALL SYSTEM; THEREFORE, THE CONTRACTOR IS ADVISED TO CONTACT ALL NON-MEMBER UTILITIES AS WELL AS THE SYSTEM.

SCOPE OF WORK
REMOVE EASTERNMOST CHANNEL BEAM, PRECAST PARAPET, EASTERN RETAINING WALLS AND CUT BACK EXISTING BENTS 3'-9".
DRIVE NEW PILES AND EXTEND EXISTING BENTS AS SHOWN ON PLANS.
CONSTRUCT NEW EASTERN RETAINING WALLS AS SHOWN ON PLANS.
ADD NEW CHANNEL BEAMS AS SHOWN ON PLANS.



REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
CHICOT ROAD RECONSTRUCTION
LAYOUT OF BRIDGE

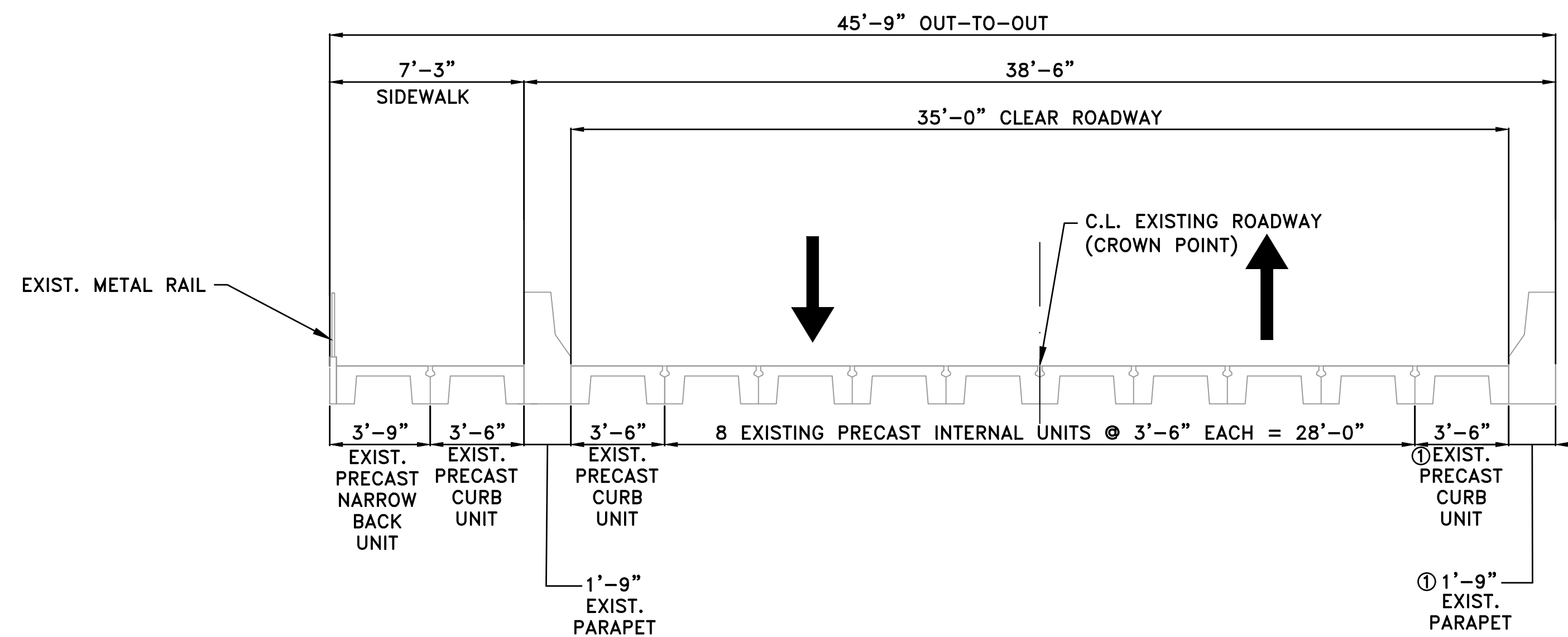
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

80% COMPLETE

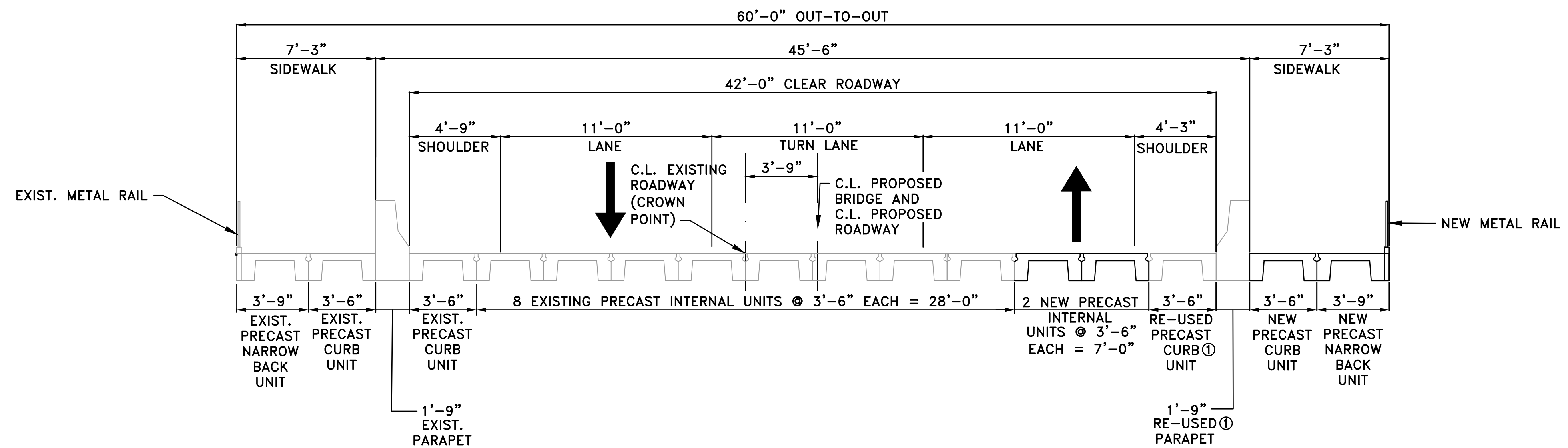
DRAWN BY
JPC
DESIGNED
JPC
CHECKED
SFH
DATE
06/2019
SCALE
1" = 10'
PROJECT NO.
CLR#7-17-ST-357
SHEET NO.
S1

REVISIONS	DATE

NOTE:
 ① RE-USE EXISTING PRECAST CURB UNIT AND PRECAST PARAPET UNIT IN WIDENED BRIDGE



TYPICAL SECTION - EXISTING PRECAST BRIDGE DECK
 (LOOKING FORWARD)



TYPICAL SECTION - WIDENED PRECAST BRIDGE DECK
 (LOOKING FORWARD)

CITY OF LITTLE ROCK, ARKANSAS
 CHICOT ROAD RECONSTRUCTION
 TYPICAL SECTION

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

80% COMPLETE

DRAWN BY
 JPC
 DESIGNED
 JPC
 CHECKED
 KDH
 DATE
 06/2019
 SCALE
 1/4" = 1'-0"
 PROJECT NO.
 CLR#7-17-ST-357
 SHEET NO.
 S2

BORING LOG NO. B-1

Page 1 of 2

PROJECT: Chicot Road Expansion		CLIENT: Michael Baker International, LLC Little Rock, Arkansas									
SITE: Chicot Road Little Rock, Arkansas											
GRAPHIC LOG LOCATION See Exhibit A-2 Latitude: 34.6506° Longitude: -92.3633°	DEPTH (FT.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	FIELD TEST RESULTS	STRENGTH TEST			WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	ATTERBERG LIMITS LL-PL-PI	PERCENT FINES
					TEST TYPE	COMPRESSIVE STRENGTH (psf)	STRAIN (%)				
5.0 FILL - SILTY SAND (SM), brown, rocks and boulders while drilling, very little recovery	5		X	7-4-4 N=8			16		NP		
				6-7-3 N=10		22					
5.0 SILTY SAND (SM), brown, reddish-brown and gray, loose	5		X	2-2-2 N=4			19				
				3-4-4 N=8		16					
13.5 FAT CLAY (CH), gray and dark gray, stiff to very stiff	10		X	2-2-7 N=9					NP	22	
13.5 FAT CLAY (CH), gray and dark gray, stiff to very stiff	15		X	3-5-6 N=11			40				
13.5 FAT CLAY (CH), gray and dark gray, stiff to very stiff	20		X	8-12-10 N=22			36		102-27-75	98	
13.5 FAT CLAY (CH), gray and dark gray, stiff to very stiff	25		X	6-9-11 N=20			35				
Stratification lines are approximate. In-situ, the transition may be gradual. Hammer Type: Automatic											
Advancement Method: 0 to 10 feet: Hollow-stem auger 10 to 50 feet: Wash rotary with 2-7/8" drag bit		See Exhibit A-3 for description of field procedures. See Appendix B for description of laboratory procedures and additional data (if any).		Notes:							
Abandonment Method: Boring backfilled with Auger Cuttings and/or Bentonite		See Appendix C for explanation of symbols and abbreviations.									
WATER LEVEL OBSERVATIONS Water level not determined		Terracon 25809 I 30 Bryant, AR		Boring Started: 02-18-2019		Boring Completed: 02-18-2019					
				Drill Rig:		Driller: JB					
				Project No.: 35185100		Exhibit: A-1					

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. GEO SMART LOG-NO WELL 35185100 CHICOT ROAD EXPAN.GPJ MODEL LAYER GPJ 3/17/219

BORING LOG NO. B-1

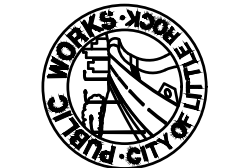
Page 2 of 2

PROJECT: Chicot Road Expansion		CLIENT: Michael Baker International, LLC Little Rock, Arkansas									
SITE: Chicot Road Little Rock, Arkansas											
GRAPHIC LOG LOCATION See Exhibit A-2 Latitude: 34.6506° Longitude: -92.3633°	DEPTH (FT.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	FIELD TEST RESULTS	STRENGTH TEST			WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	ATTERBERG LIMITS LL-PL-PI	PERCENT FINES
					TEST TYPE	COMPRESSIVE STRENGTH (psf)	STRAIN (%)				
33.5 FAT CLAY (CH), gray and dark gray, stiff to very stiff (continued)	30		X	6-11-14 N=25				36			
33.5 FAT CLAY WITH SAND (CH), gray, very stiff to hard	35		X	6-11-12 N=23				34		88-31-57	78
33.5 FAT CLAY WITH SAND (CH), gray, very stiff to hard	40		X	11-50/2"				26			
33.5 FAT CLAY WITH SAND (CH), gray, very stiff to hard	45		X	50/6"				31			
33.5 FAT CLAY WITH SAND (CH), gray, very stiff to hard	50		X	28-16-17 N=33				31			
Stratification lines are approximate. In-situ, the transition may be gradual. Hammer Type: Automatic											
Advancement Method: 0 to 10 feet: Hollow-stem auger 10 to 50 feet: Wash rotary with 2-7/8" drag bit		See Exhibit A-3 for description of field procedures. See Appendix B for description of laboratory procedures and additional data (if any).		Notes:							
Abandonment Method: Boring backfilled with Auger Cuttings and/or Bentonite		See Appendix C for explanation of symbols and abbreviations.									
WATER LEVEL OBSERVATIONS Water level not determined		Terracon 25809 I 30 Bryant, AR		Boring Started: 02-18-2019		Boring Completed: 02-18-2019					
				Drill Rig:		Driller: JB					
				Project No.: 35185100		Exhibit: A-1					

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. GEO SMART LOG-NO WELL 35185100 CHICOT ROAD EXPAN.GPJ MODEL LAYER GPJ 3/17/219

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
CHICOT ROAD RECONSTRUCTION
BORING LOG (1)


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

80% COMPLETE

DRAWN BY
 JPC
DESIGNED
 JPC
CHECKED
 SFH
DATE
 06/2019
SCALE
 NO SCALE
PROJECT NO.
 CLR#7-17-ST-357
SHEET NO.
 S3

REVISIONS	DATE

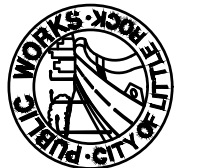
BORING LOG NO. B-2												Page 1 of 2	
PROJECT: Chicot Road Expansion						CLIENT: Michael Baker International, LLC Little Rock, Arkansas							
SITE: Chicot Road Little Rock, Arkansas													
GRAPHIC LOG	LOCATION See Exhibit A-2		DEPTH (FT.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	FIELD TEST RESULTS	STRENGTH TEST		WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	ATTERBERG LIMITS	PERCENT FINES	
	Latitude: 34.6504° Longitude: -92.3633°						TEST TYPE	COMPRESSIVE STRENGTH (psf)					STRAIN (%)
	0.7												
	PORTLAND CEMENT CONCRETE - 8 inches												
	SILTY SAND (SM), trace gravel, fine grained, brown and gray, medium dense to very loose					6-7-8 N=15			9				
						5-4-3 N=7			12			34	
						2-1-2 N=3			15				
						1-1-1 N=2			16				
						2-2-1 N=3			21			13	
13.5													
FAT CLAY (CH), dark gray, stiff to hard					3-4-6 N=10			41					
					6-8-12 N=20			37		100-27-73	99		
					7-10-12 N=22			37					
Stratification lines are approximate. In-situ, the transition may be gradual. Hammer Type: Automatic													
Advancement Method: 0 to 50 feet: Hollow-stem auger			See Exhibit A-3 for description of field procedures. See Appendix B for description of laboratory procedures and additional data (if any).			Notes:							
Abandonment Method: Boring backfilled with Auger Cuttings and/or Bentonite			See Appendix C for explanation of symbols and abbreviations.										
WATER LEVEL OBSERVATIONS			Terracon			Boring Started: 02-15-2019		Boring Completed: 02-15-2019					
▽ 8.5 feet while drilling			25809 30 Bryant, AR			Drill Rig:		Driller: JB		Project No.: 35185100 Exhibit: A-2			

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. GEO SMART LOG-NO WELL_35185100 CHICOT ROAD EXPAN.GPJ MODEL LAYER.GPJ 3/17/2019

BORING LOG NO. B-2												Page 2 of 2	
PROJECT: Chicot Road Expansion						CLIENT: Michael Baker International, LLC Little Rock, Arkansas							
SITE: Chicot Road Little Rock, Arkansas													
GRAPHIC LOG	LOCATION See Exhibit A-2		DEPTH (FT.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	FIELD TEST RESULTS	STRENGTH TEST		WATER CONTENT (%)	DRY UNIT WEIGHT (pcf)	ATTERBERG LIMITS	PERCENT FINES	
	Latitude: 34.6504° Longitude: -92.3633°						TEST TYPE	COMPRESSIVE STRENGTH (psf)					STRAIN (%)
	30					8-10-13 N=23			34				
						6-8-12 N=20			36				
						8-13-21 N=34			30		72-19-53	87	
						13-13-19 N=32			33				
50.0													
Boring Terminated at 50 Feet													
Stratification lines are approximate. In-situ, the transition may be gradual. Hammer Type: Automatic													
Advancement Method: 0 to 50 feet: Hollow-stem auger			See Exhibit A-3 for description of field procedures. See Appendix B for description of laboratory procedures and additional data (if any).			Notes:							
Abandonment Method: Boring backfilled with Auger Cuttings and/or Bentonite			See Appendix C for explanation of symbols and abbreviations.										
WATER LEVEL OBSERVATIONS			Terracon			Boring Started: 02-15-2019		Boring Completed: 02-15-2019					
▽ 8.5 feet while drilling			25809 30 Bryant, AR			Drill Rig:		Driller: JB		Project No.: 35185100 Exhibit: A-2			

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. GEO SMART LOG-NO WELL_35185100 CHICOT ROAD EXPAN.GPJ MODEL LAYER.GPJ 3/17/2019

CITY OF LITTLE ROCK, ARKANSAS
CHICOT ROAD RECONSTRUCTION
BORING LOG (2)


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

80% COMPLETE

DRAWN BY
JPC
 DESIGNED
JPC
 CHECKED
SFH
 DATE
06/2019
 SCALE
NO SCALE
 PROJECT NO.
CLR#7-17-ST-357
 SHEET NO.
S4

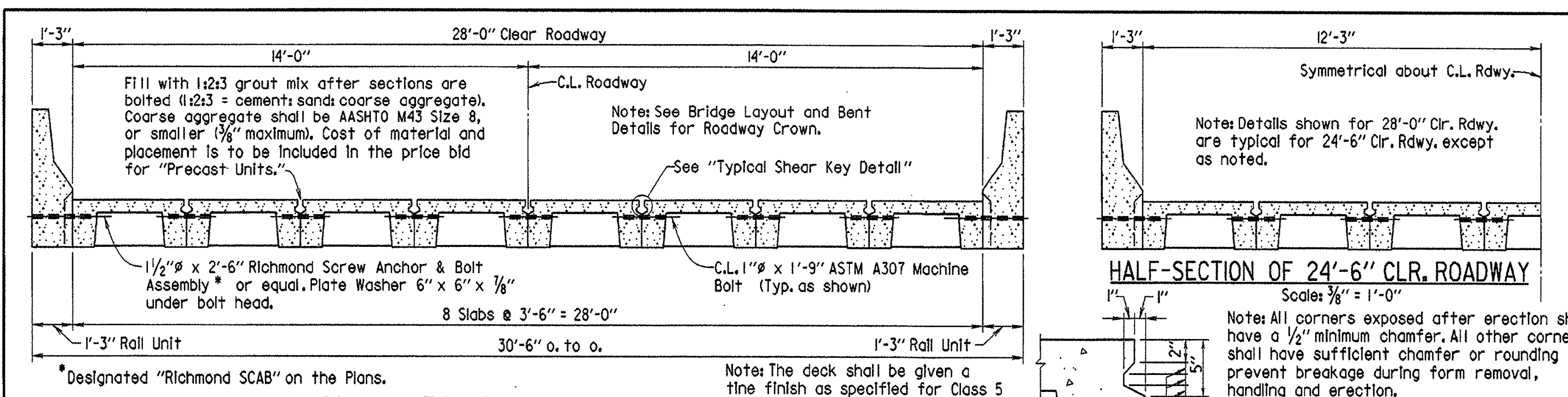
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 CHICOT ROAD RECONSTRUCTION
 CHANNEL BEAMS

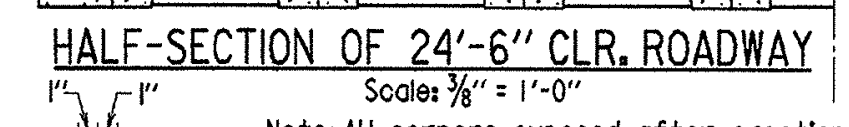
DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201

80% COMPLETE

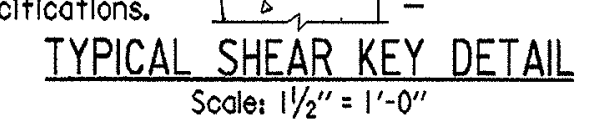
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 DESIGNED JPC
 CHECKED SFH
 DATE 06/2019
 SCALE NO SCALE
 PROJECT NO. CLR#7-17-ST-357
 SHEET NO. S5



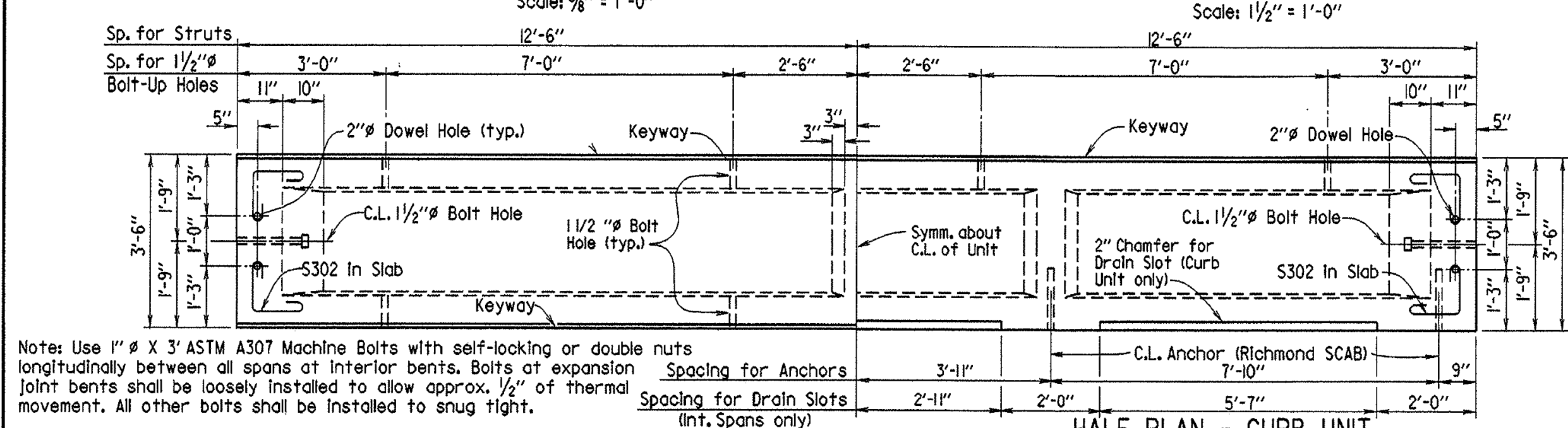
CROSS-SECTION OF 28'-0" CLR. RDWY. (SHOWING ASSEMBLY)
Scale: 3/8" = 1'-0"



HALF-SECTION OF 24'-6" CLR. RDWY.
Scale: 3/8" = 1'-0"

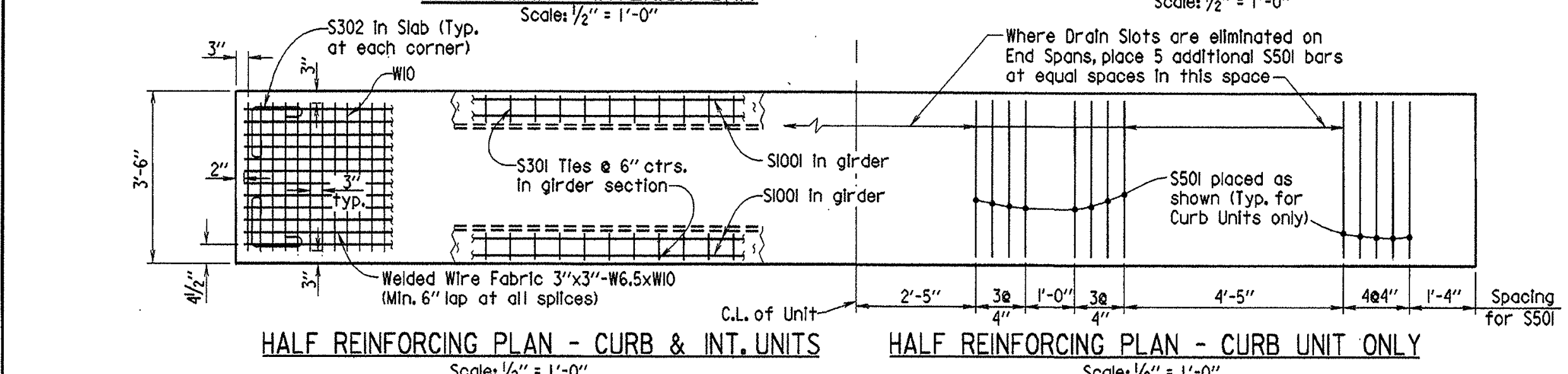


TYPICAL SHEAR KEY DETAIL
Scale: 1/2" = 1'-0"



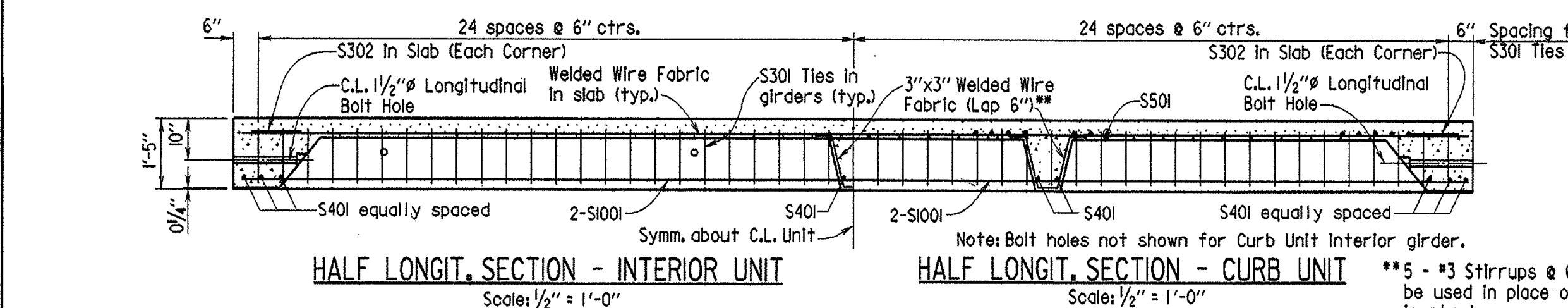
HALF PLAN - INTERIOR UNIT
Scale: 1/2" = 1'-0"

HALF PLAN - CURB UNIT
Scale: 1/2" = 1'-0"



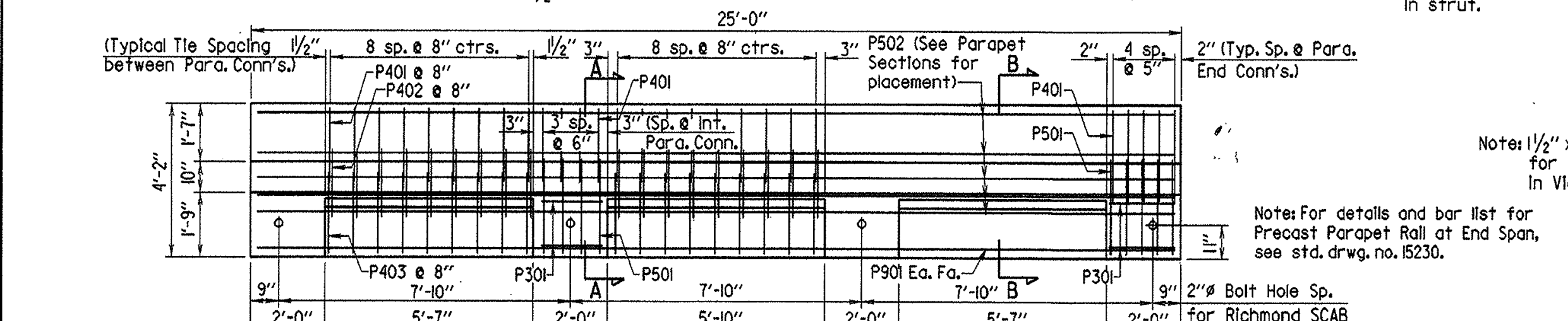
HALF REINFORCING PLAN - CURB & INT. UNITS
Scale: 1/2" = 1'-0"

HALF REINFORCING PLAN - CURB UNIT ONLY
Scale: 1/2" = 1'-0"



HALF LONGIT. SECTION - INTERIOR UNIT
Scale: 1/2" = 1'-0"

HALF LONGIT. SECTION - CURB UNIT
Scale: 1/2" = 1'-0"



FRONT ELEVATION - PRECAST PARAPET RAIL FOR INT. SPAN
Scale: 3/8" = 1'-0"

BAR LIST FOR PRECAST BRIDGE COMPONENTS
PRECAST SLAB UNIT

Note: Bars designated with an "E" are to be epoxy coated.

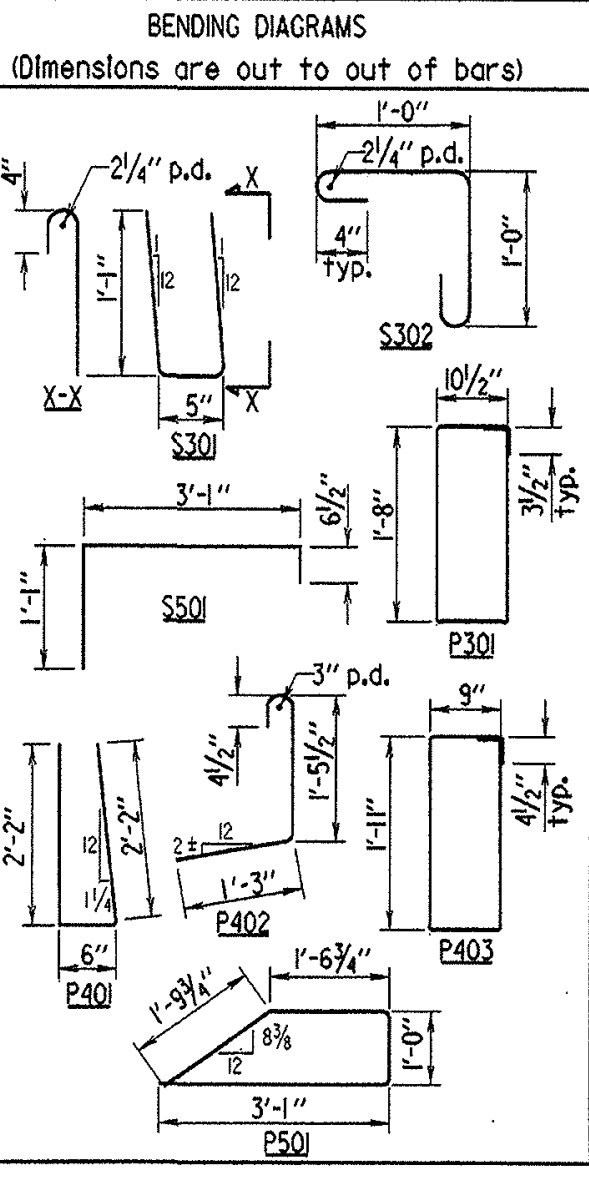
MARK	NUMBER REQUIRED		LENGTH	P.D.
	CURB UNIT	INT. UNIT		
S301	98	98	3'-3 1/2"	1 1/2"
S302	4	4	2'-9"	1 1/2"
S401	10	8	3'-2"	Str.
S501	26 (A)	-	4'-6"	2 1/2"
S601E	(B)	(B)	1'-11"	Str.
S1001	4	4	24'-8"	Str.

(A) Plus 5 additional for each Drain Slot eliminated
(B) 2 Per Fixed end of each Unit

PRECAST PARAPET RAIL UNIT

MARK	NUMBER REQUIRED		LENGTH	P.D.
	END SPAN	INT. SPAN		
P301	8	8	5'-4"	1 1/2"
P401	45	45	4'-8"	2"
P402	27	27	3'-1 1/2"	2"
P403	27	27	5'-8"	2"
P501	18	18	7'-2"	2 1/2"
P502	9	9	24'-8"	Str.
P901	2	2	24'-8"	Str.

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
6-24-94	6-27-94	11-16-2001		6	ARK.		20	
2-20-97	2-20-97	10-09-03						
01-12-2000	01-12-2000							



GENERAL NOTES

All reinforcing steel shall be AASHTO M31 or M53, Grade 60. Wire fabric shall be AASHTO M55 or M221. Reinforcing steel and wire fabric shall be accurately located in the forms and securely held in place by steel wire supports.

Concrete for precast units shall be Class (S)(AE) except that the coarse aggregate size shall meet AASHTO M43, Size 67 (3/4" Max.).

Standard washers shall be provided under head and nut of all bolts in connection with concrete. Bolts shall be A307. All bolts, washers and nuts shall be galvanized to meet AASHTO M232, Class C or M298, Class 50.

Screw Anchor and Bolt Assembly (SCAB) shall be 1/2" Richmond Screw Anchor or equal, and have a minimum ultimate strength of 65,000 psi in tension. Assembly shall be galvanized to meet AASHTO M232, Class C or M298, Class 50. Plate Washers for SCAB shall be AASHTO M270, Grade 36 and shall be galvanized to meet AASHTO M111.

Camber required for dead load deflection is 1/4". Deviation of more than 1/4" in dimension of grade or line will be cause for rejection.

Concrete, reinforcing, wire mesh, bar supports, bolts, nuts, washers, threaded anchors, grout, roofing felt bearing pad and expansion joint fillers are considered subsidiary to the pay items for the Precast Concrete Units. Roofing felt shall meet or exceed the requirements of ASTM D224 Type I. See Section 802.18(d). The roofing felt shall be in one piece for the full length of the cap and three layers shall be used.

Ends of adjacent units shall be coated (1/8") with asphaltic paint. The coating shall adhere and set firm and its softening point shall not be less than 140°F.

Bid items shall be as follows:
 "25' Precast Concrete Curb Units"
 "25' Precast Concrete Interior Units"
 "25' Precast Parapet Rail Units"

Design Specifications: AASHTO 2002
 Method of Design: Load Factor
 Live Loading: HS 20, 0.9 Wheels per Unit
 Materials: 28 Day compressive strength of Concrete = 4,000 psi
 Yield strength of Grade 60 Steel = 60,000 psi
 Yield strength of Wire Fabric = 65,000 psi

Seismic Performance Category: A, B or C

Seismic Performance Category A:
 1. Maximum spacing between 1 Inch Expansion Joints is 155 feet.
 2. 2" Dowel holes at expansion ends are not required. Grout holes if they exist.

Seismic Performance Category B or C:
 All bents shall be fixed.
 2. Do not use this drawing with bridge lengths that exceed 155 feet in Category B or 93 feet in Category C.

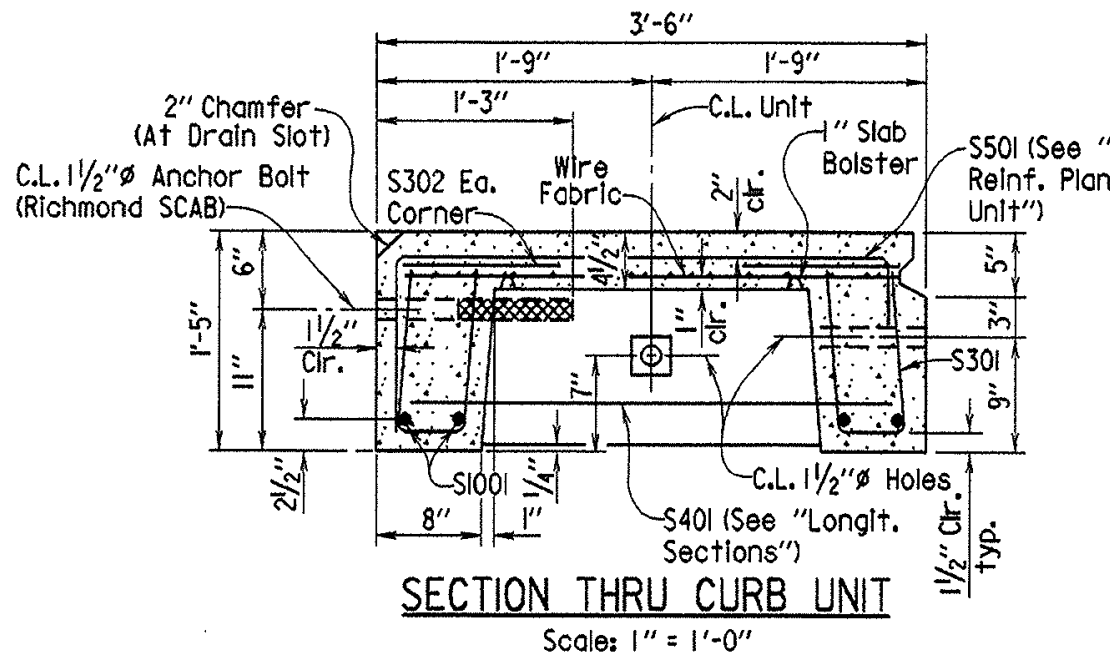
Note: For details and bar list for Precast Parapet Rail at End Span, see std. drwg. no. 15230.

Completely fill 1/4" gap below end strut at End Bent with Roofing Felt (All Units).
 Seal with Poured Joint Sealer (See "Section At Exp. Joint").

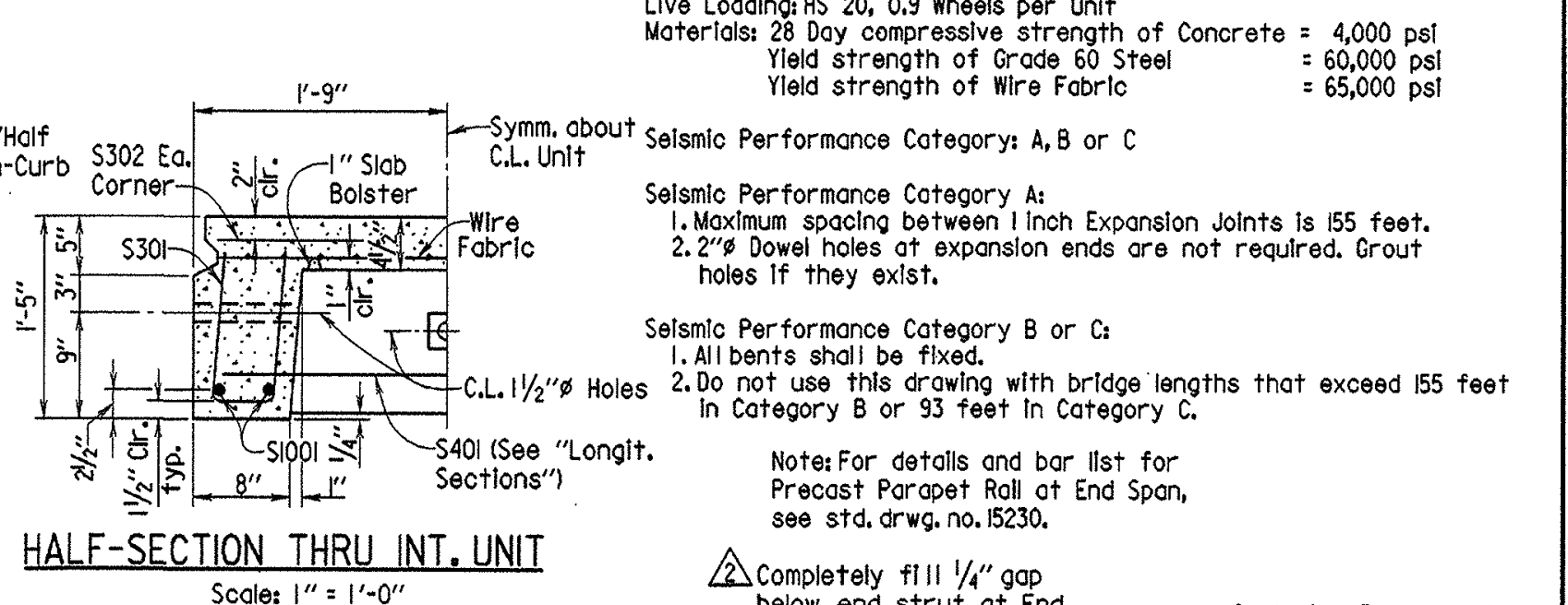
Note: Expansion Joints to be placed at approximately 155' max. spacings.

Section at Exp. Joint (Category A Bridges Only)
 Scale: 3/4" = 1'-0"
 Note: Expansion Joint shall consist of 1" Joint Filler topped with 1" x 2" Poured Joint Sealer. Joint Filler shall be AASHTO M153, Type I. Poured Joint Sealer shall meet subsection 501.02(h) (2), Type 3, 4, 5 or 6.

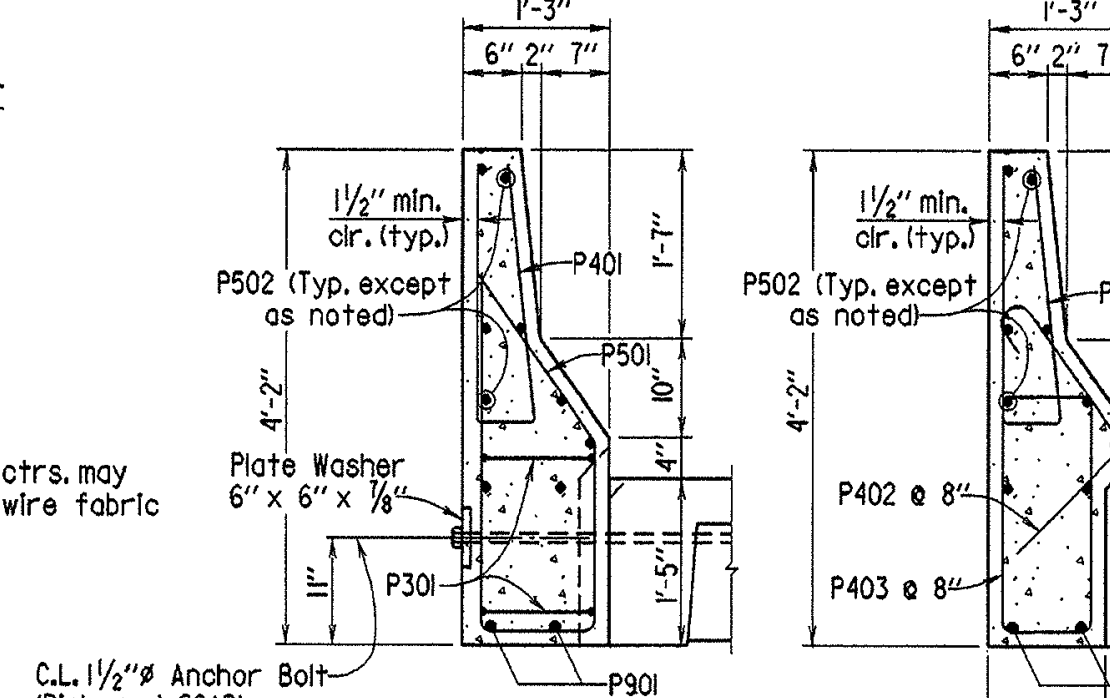
Section at Fixed Bent
 No Scale
 Note: After each unit is in its final position, S601E Dowels shall be grouted in place using a OPL approved non-shrink grout that completely fills the holes.



SECTION THRU CURB UNIT
Scale: 1" = 1'-0"

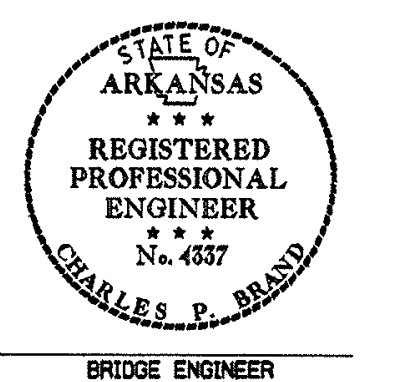


HALF-SECTION THRU INT. UNIT
Scale: 1" = 1'-0"



SECTION A-A
Scale: 3/4" = 1'-0"

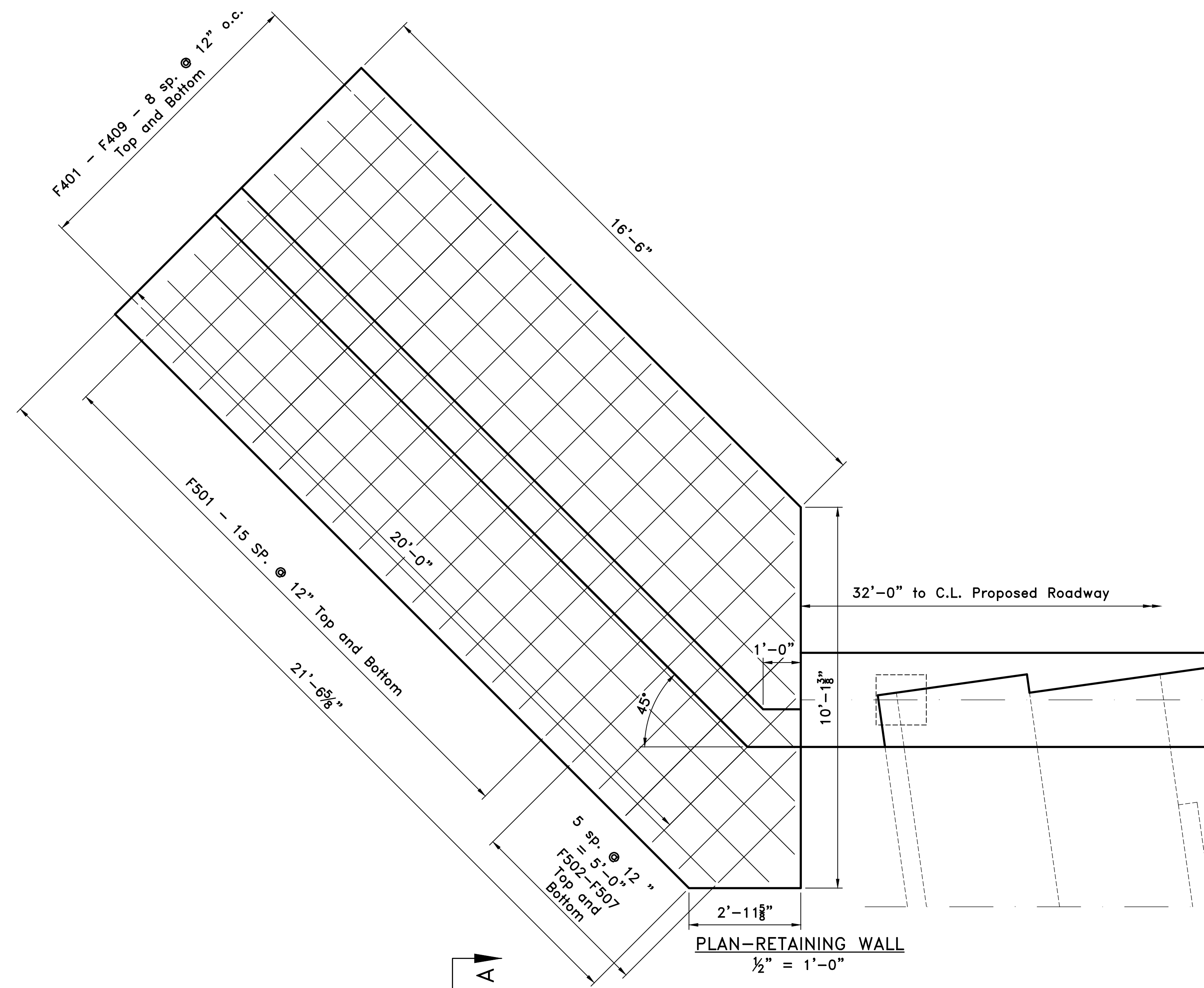
SECTION B-B
Scale: 3/4" = 1'-0"



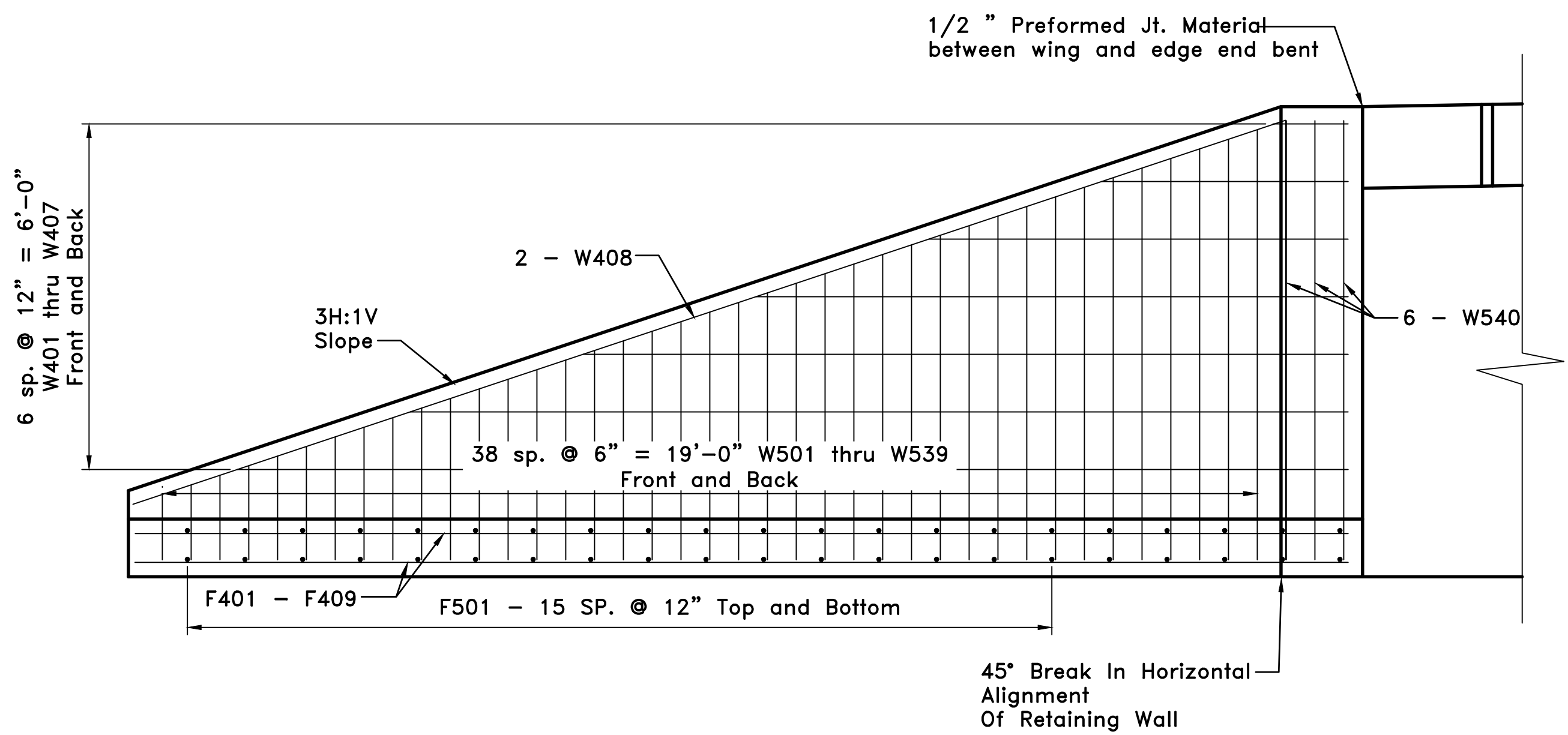
DETAILS OF STANDARD 25'-0" PRECAST CONCRETE SPANS 28'-0" & 24'-6" CLEAR ROADWAYS
 ROUTE SEC.
 ARKANSAS STATE HIGHWAY COMMISSION
 LITTLE ROCK, ARK.
 DRAWN BY: MJT DATE: 01-09-97
 CHECKED BY: RLW DATE: 01-31-97
 DESIGNED BY: STD. DATE: -
 BRIDGE NO. SCALE: As Shown
 DRAWING NO. 15241

FILE NAME: B15240, STD

B15241, STD



PLAN-RETAINING WALL
1/2" = 1'-0"

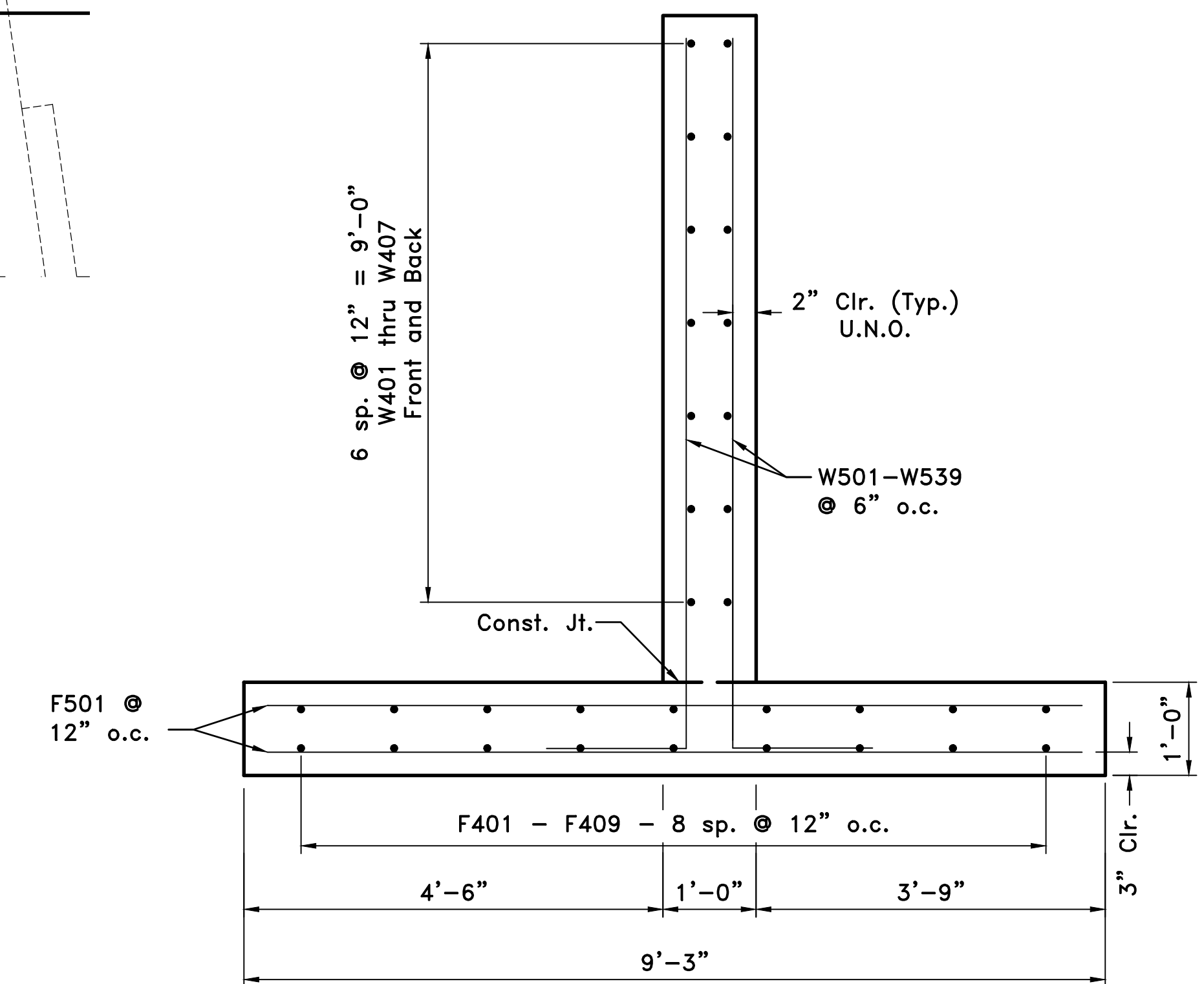


ELEVATION-RETAINING WALL
1/2" = 1'-0"

BAR LIST - SLAB & FOOTING

MARK	NO.	REQ'D.	LENGTH	P.D.
F401 - F409	2	each	16'-6" to 21'-0"	STR.
F501	32		8-9"	STR.
F502 - F507	2	each	2'-10" to 8'-3"	STR.
W401 - W407	2	each	1'-4" to 19'-3"	STR.
W408	2		21'-1"	STR.
W501 - W539	2	each	2'-8" to 8'-10"	3/4"
W540	6		9'-0"	3/4"

DIMENSIONS ARE OUT TO OUT OF BARS.



SECTION A-A
3/4" = 1'-0"


GENERAL NOTES

ALL CONCRETE SHALL BE CLASS "S" WITH A MINIMUM 28 DAY COMPRESSIVE STRENGTH $f'_c = 3,500$ PSI. CONCRETE SHALL BE POURED IN THE DRY AND ALL EXPOSED CORNERS TO BE CHAMFERED 3/4" UNLESS OTHERWISE NOTED.

ALL REINFORCING STEEL SHALL CONFORM TO AASHTO M31 OR M322, GRADE 60 (YIELD STRENGTH = 60,000 PSI.).

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
CHICOT ROAD RECONSTRUCTION
RETAINING WALL


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

60% COMPLETE

DRAWN BY
 KDH
 DESIGNED
 JPC
 CHECKED
 SFH
 DATE
 06/2019
 SCALE
 AS NOTED
 PROJECT NO.
 CLR #7-17-ST-357
 SHEET NO.
S6

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 CHICOT ROAD RECONSTRUCTION
 BENT 1 DETAILS

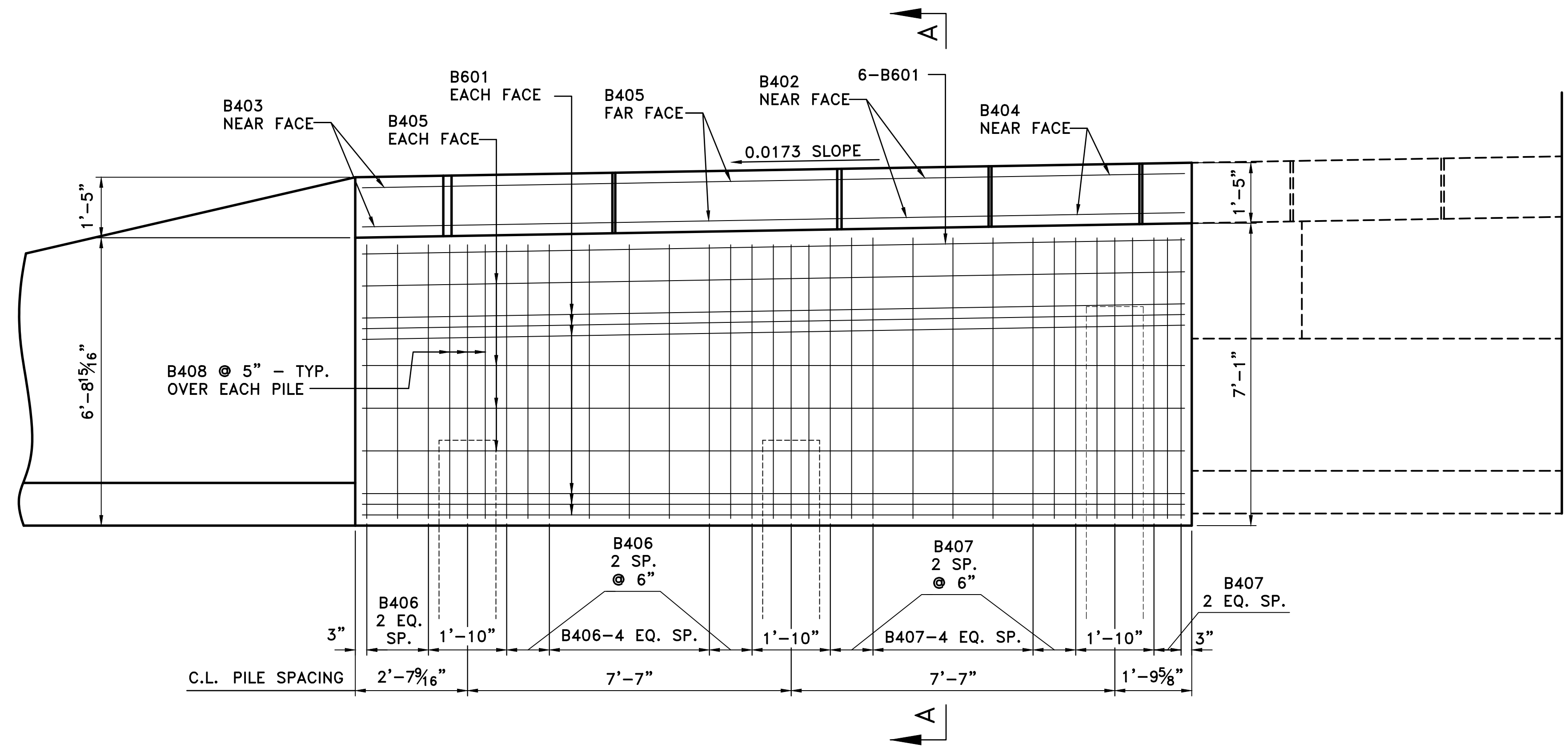
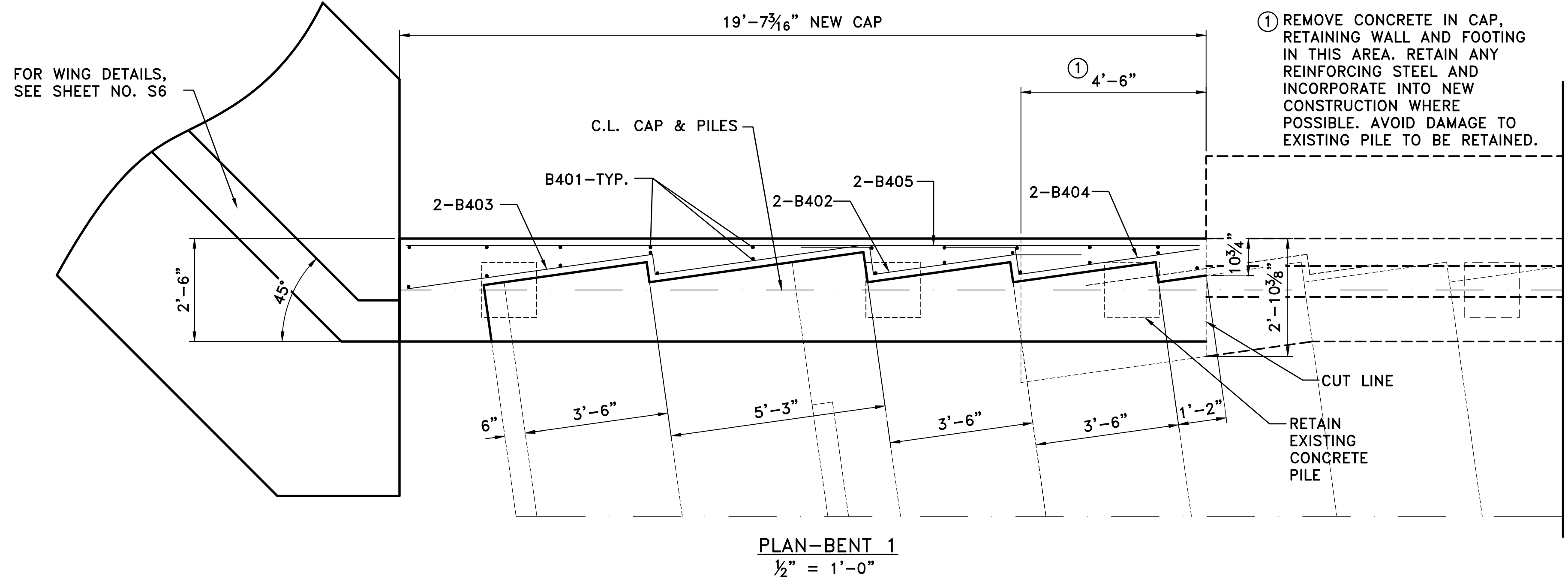
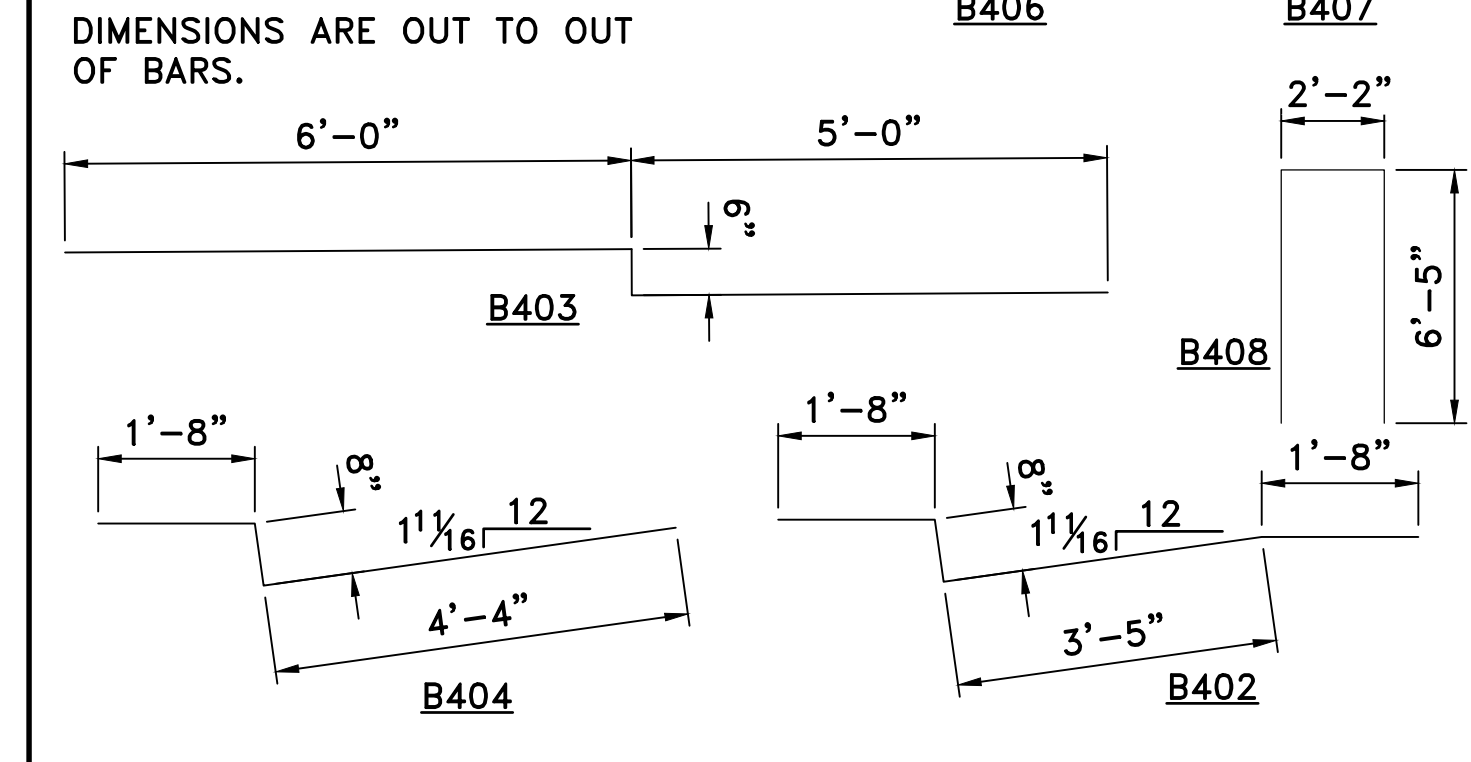
DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201

60% COMPLETE

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 CLR #7-17-ST-357
 SHEET NO.
 S7

BAR LIST - BENT 1

MARK	NO.	REQ'D.	LENGTH	P.D.
B401	23		2'-10"	STR.
B402	2		7'-4"	2"
B403	2		11'-4"	2"
B404	2		6'-5"	2"
B405	10		19'-3"	STR.
B406	12		17'-6"	2"
B407	12		17'-10"	2"
B408	9		14'-10"	2"
B601	18		19'-3"	STR.

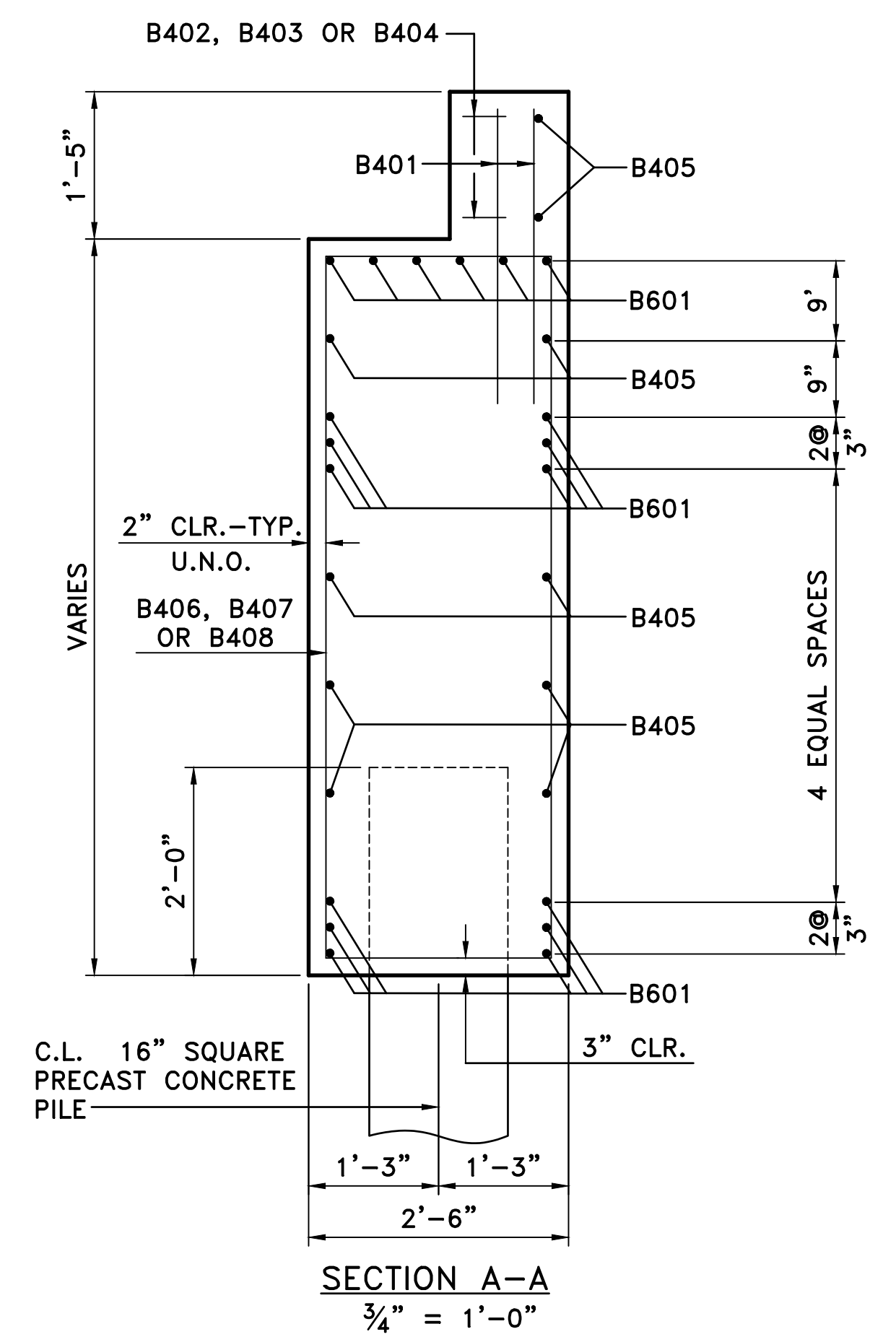


NOTE: DETAILS FOR BENT 3 ARE SIMILAR.

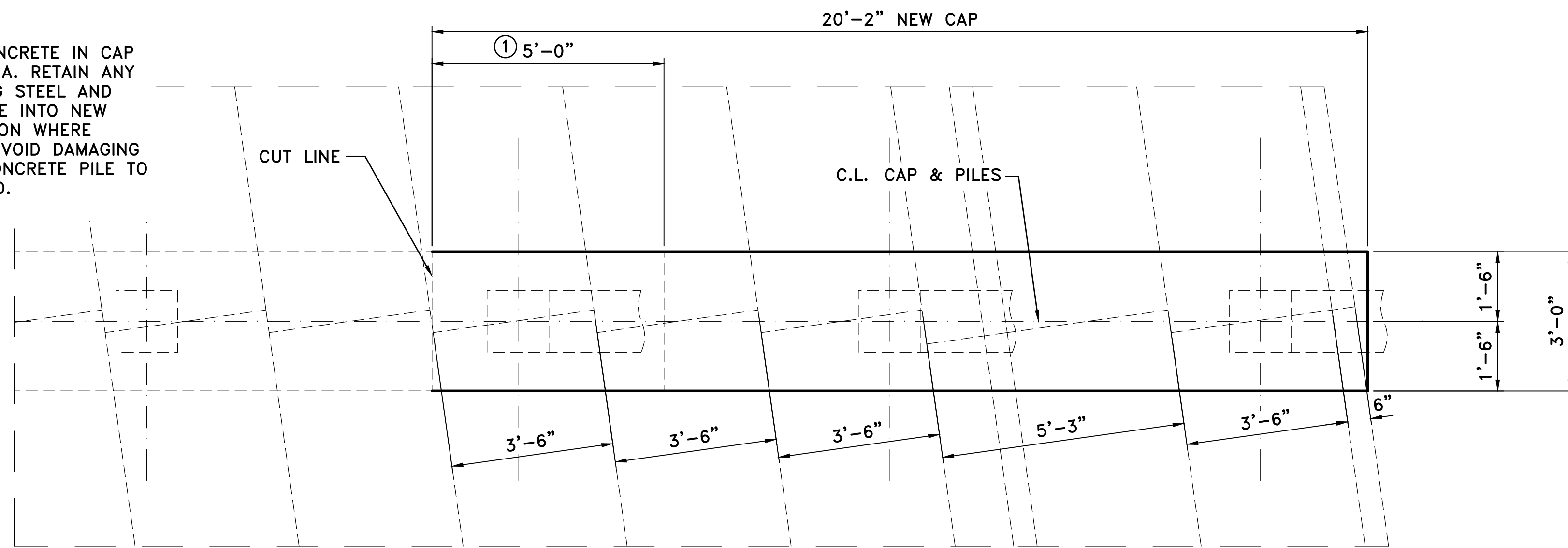
GENERAL NOTES

ALL CONCRETE SHALL BE CLASS "S" WITH A MINIMUM 28 DAY COMPRESSIVE STRENGTH $f'_c = 3,500$ PSI. CONCRETE SHALL BE POURED IN THE DRY AND ALL EXPOSED CORNERS TO BE CHAMFERED 3/4" UNLESS OTHERWISE NOTED.

ALL REINFORCING STEEL SHALL CONFORM TO AASHTO M31 OR M322, GRADE 60 (YIELD STRENGTH = 60,000 PSI.).



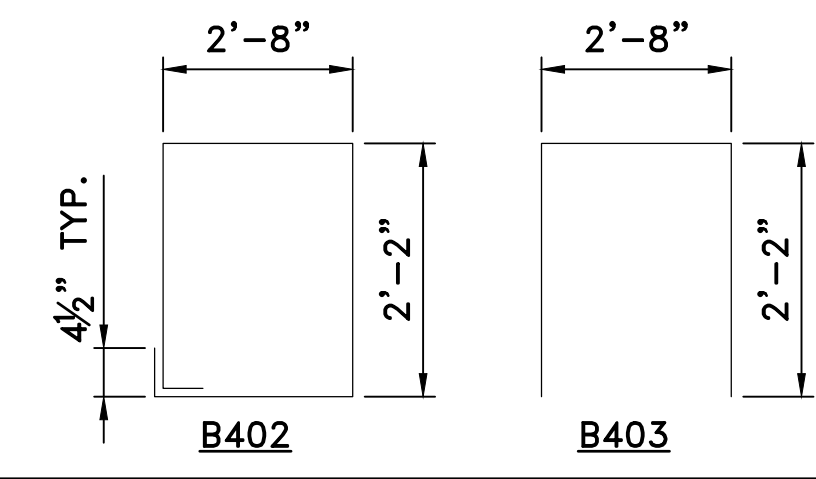
① REMOVE CONCRETE IN CAP IN THIS AREA. RETAIN ANY REINFORCING STEEL AND INCORPORATE INTO NEW CONSTRUCTION WHERE POSSIBLE. AVOID DAMAGING EXISTING CONCRETE PILE TO BE RETAINED.



PLAN-BENT 2
 1/2" = 1'-0"

BAR LIST - BENT 2

MARK	NO.	REQ'D.	LENGTH	P.D.
B401	2		19'-10"	STR.
B402	23		10'-0"	2"
B403	9		6'-10"	2"
B601	12		19'-10"	STR.



DIMENSIONS ARE OUT TO OUT OF BARS.

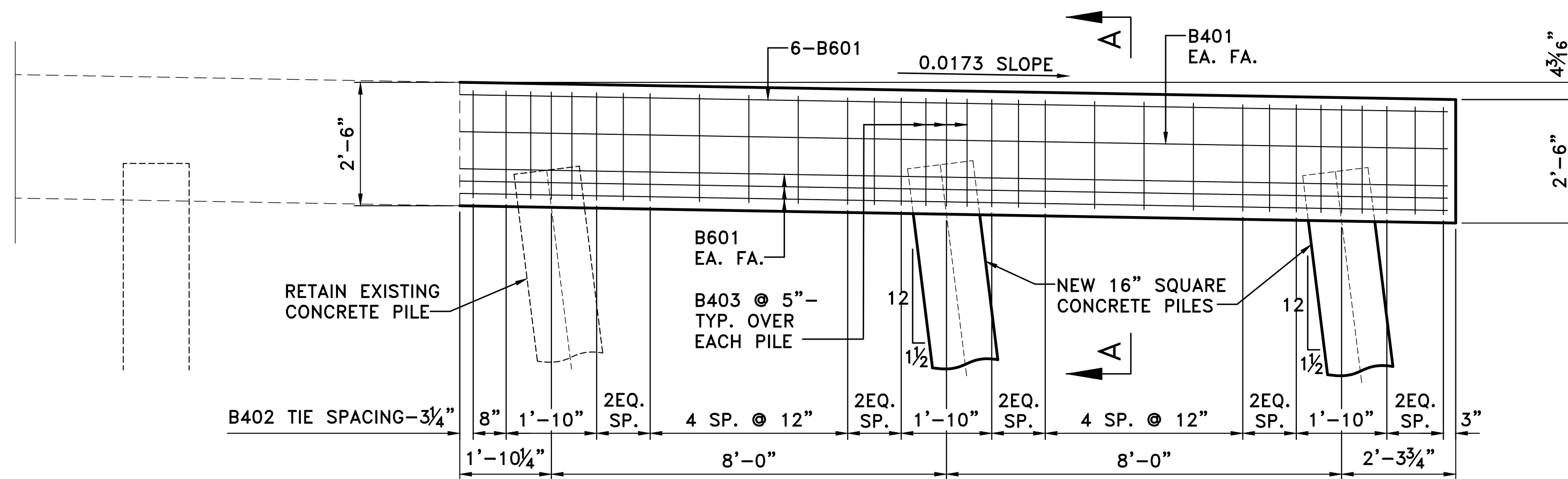
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 CHICOT ROAD RECONSTRUCTION
 BENT 2 DETAILS

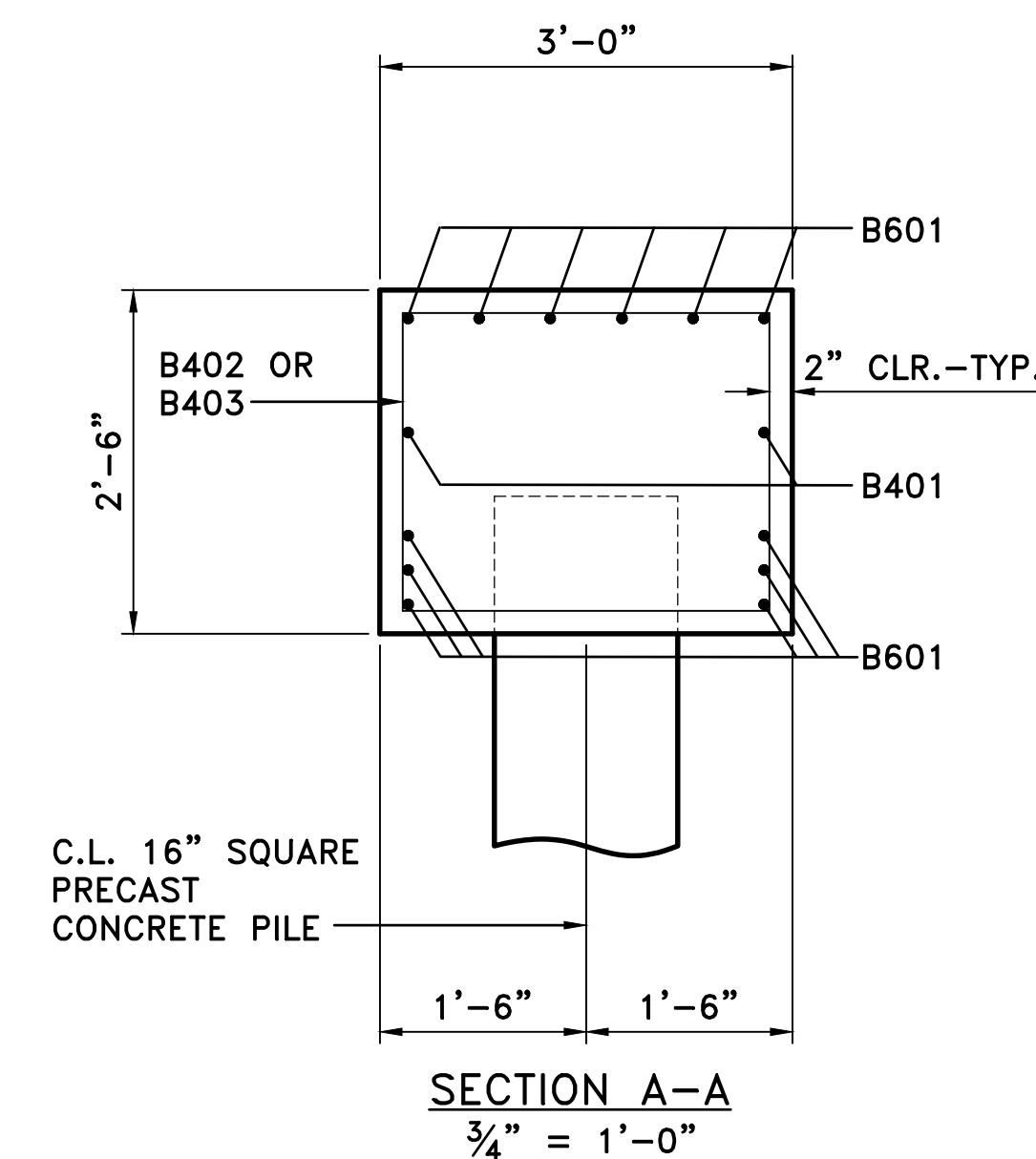
DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201

60% COMPLETE

DRAWN BY
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 DESIGNED
 JPC
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 SFH
 DATE
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 SCALE
 AS NOTED
 PROJECT NO.
 CLR #7-17-ST-357
 SHEET NO.
 S8



ELEVATION-BENT 2
 LOOKING AHEAD
 1/2" = 1'-0"



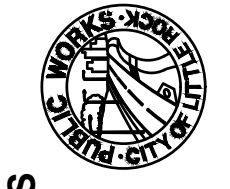
GENERAL NOTES

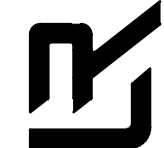
ALL CONCRETE SHALL BE CLASS "S" WITH A MINIMUM 28 DAY COMPRESSIVE STRENGTH $f'_c = 3,500$ PSI. CONCRETE SHALL BE POURED IN THE DRY AND ALL EXPOSED CORNERS TO BE CHAMFERED 3/4" UNLESS OTHERWISE NOTED.

ALL REINFORCING STEEL SHALL CONFORM TO AASHTO M31 OR M322, GRADE 60 (YIELD STRENGTH = 60,000 PSI.).

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
CHICOT ROAD RECONSTRUCTION
TRANSITIONAL APPROACH RAIL

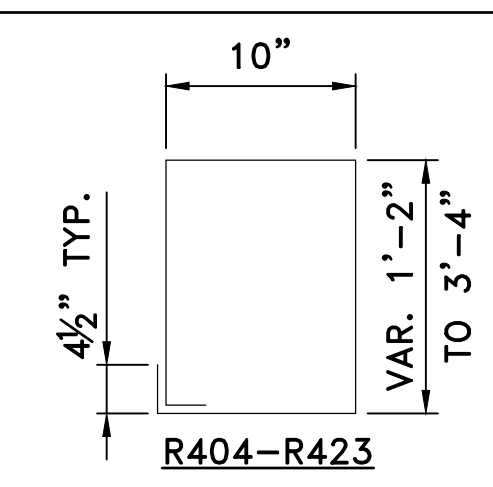

 DEPARTMENT OF PUBLIC WORKS
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 701 W. MARKHAM
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 CLR #7-17-ST-357
 SHEET NO.
S9

BAR LIST – ONE TRANSITIONAL RAIL

MARK	NO. REQ'D.	LENGTH	P.D.
R401	2	19'-9"	STR.
R402	2	10'-2"	STR.
R403	2	19'-6"	STR.
R404-R423	1 EACH	4'-4" TO 8'-8"	2"
F401	8	19'-8"	STR.
F402	40	3'-8"	STR.



DIMENSIONS ARE OUT TO OUT OF BARS.

GENERAL NOTES

TRANSITIONAL APPROACH RAILING SHALL BE PLACED AT LOCATIONS SHOWN IN THE PLANS.

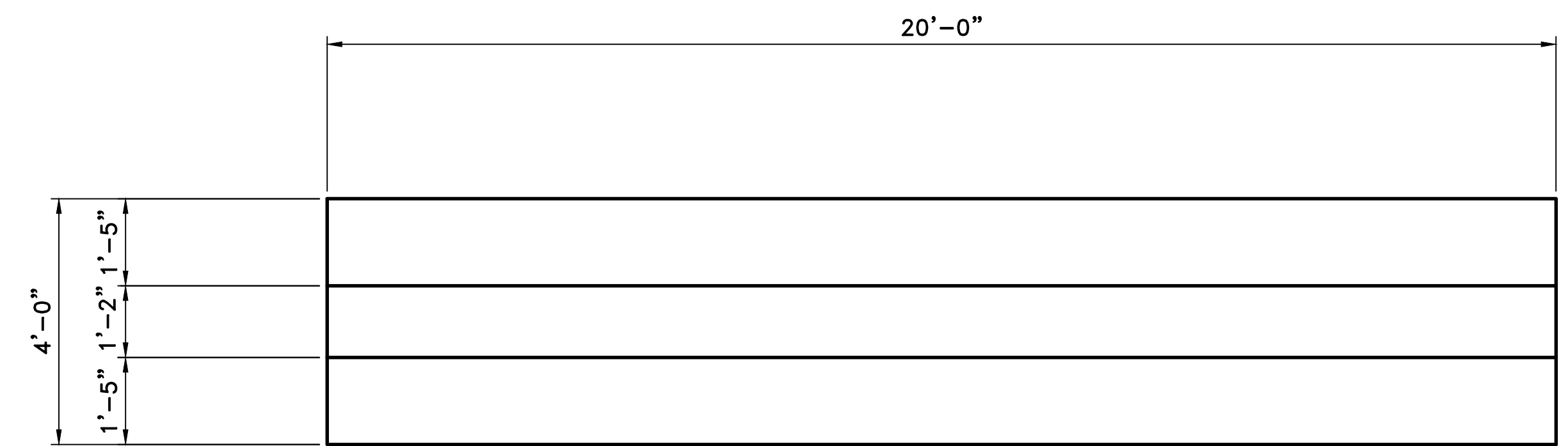
ALL CONCRETE SHALL BE CLASS "S" WITH A MINIMUM 28 DAY COMPRESSIVE STRENGTH $f'_c = 3,500$ PSI. CONCRETE SHALL BE POURED IN THE DRY AND ALL EXPOSED CORNERS TO BE CHAMFERED $\frac{3}{4}$ " UNLESS OTHERWISE NOTED.

ALL REINFORCING STEEL SHALL CONFORM TO AASHTO M31 OR M322, GRADE 60 (YIELD STRENGTH = 60,000 PSI.).

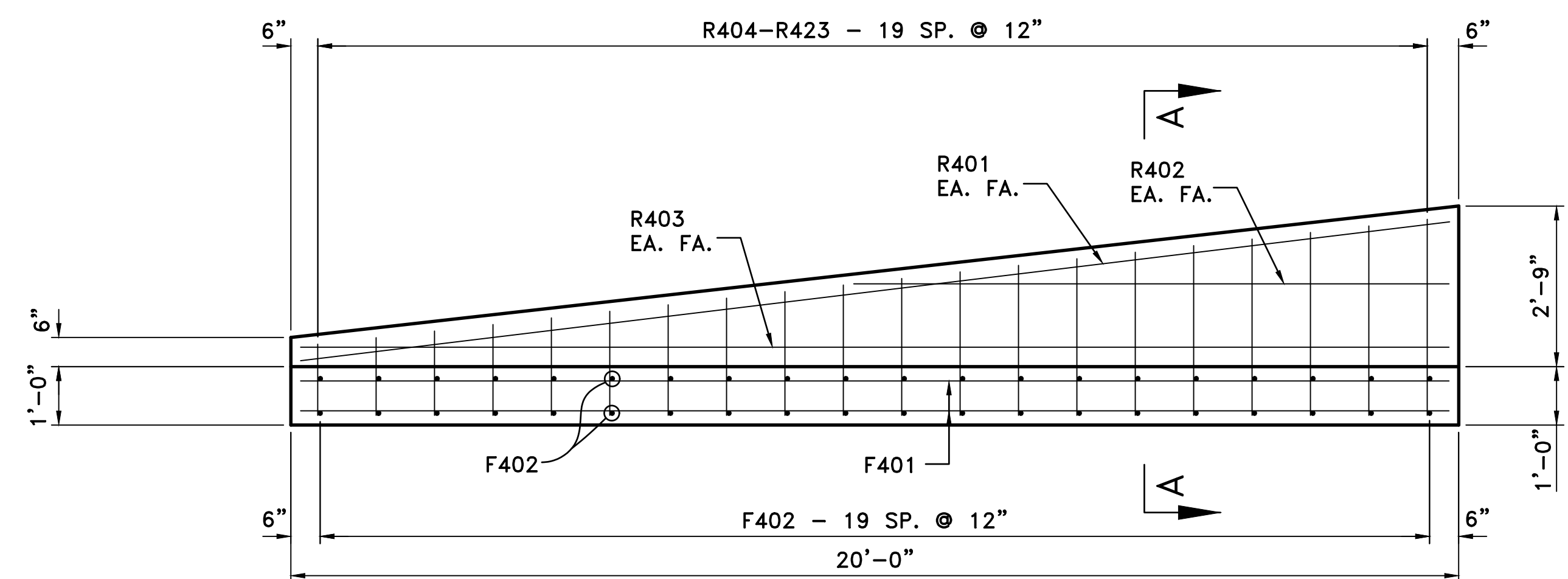
TRANSITIONAL APPROACH RAILING SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE BID FOR "TRANSITIONAL APPROACH RAILING". SEE SECTION 806 FOR ADDITIONAL INFORMATION.

**FOR INFORMATION ONLY
SCHEDULE OF QUANTITIES PER RAIL UNIT**

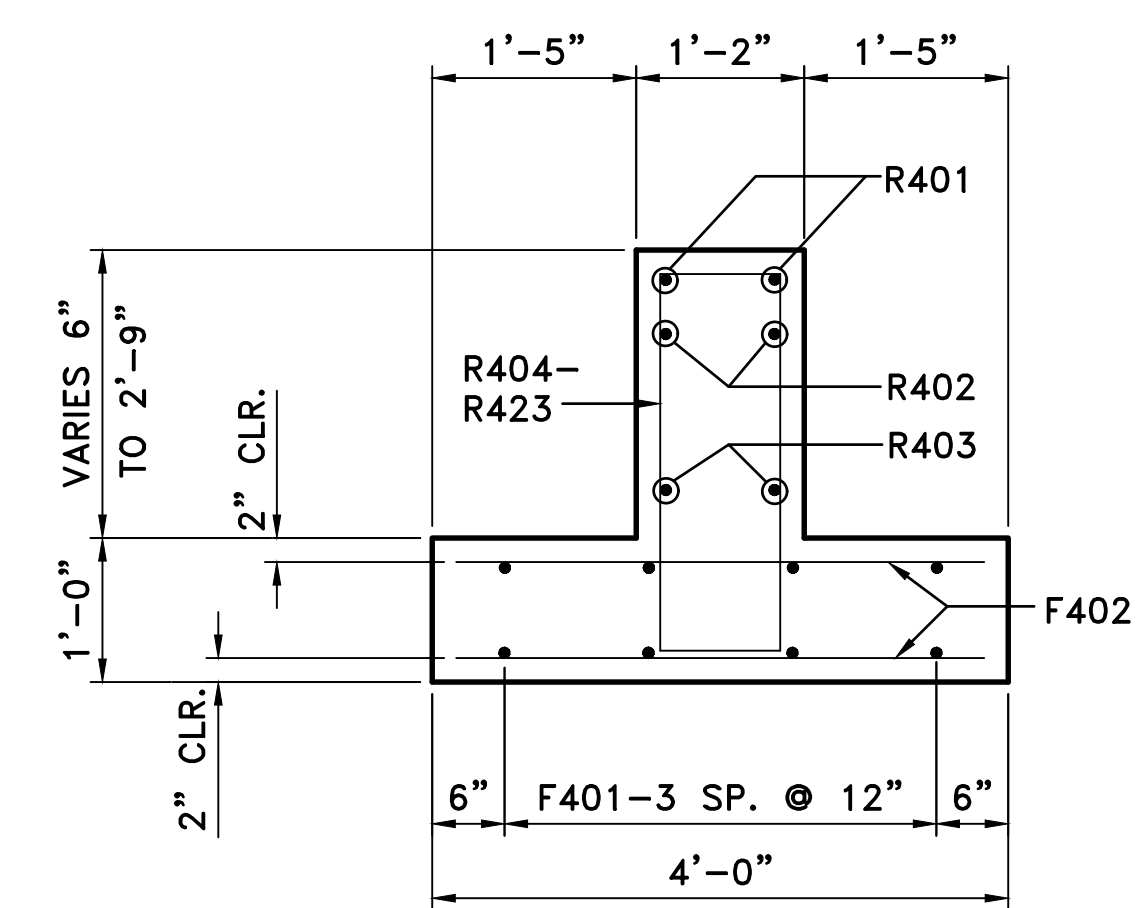
CLASS "S" CONCRETE	REINFORCING STEEL (GRADE 60)	CLASS 1 PROTECTIVE SURFACE TREATMENT
4.37 CU. YDS.	356 LBS.	0.2 GAL



PLAN OF TRANSITIONAL APPROACH RAIL
 $\frac{1}{2}'' = 1'-0''$



ELEVATION OF TRANSITIONAL APPROACH RAIL
 $\frac{1}{2}'' = 1'-0''$



SECTION A-A
 $\frac{1}{2}'' = 1'-0''$