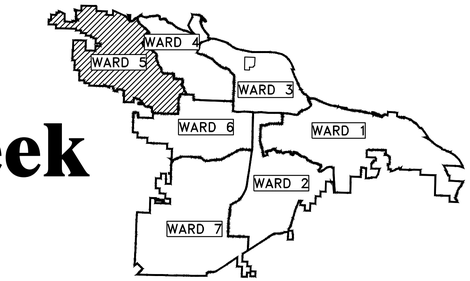
CLR PROJECT # 5-17-ST-223
Taylor Loop Rd. to South Loop Creek

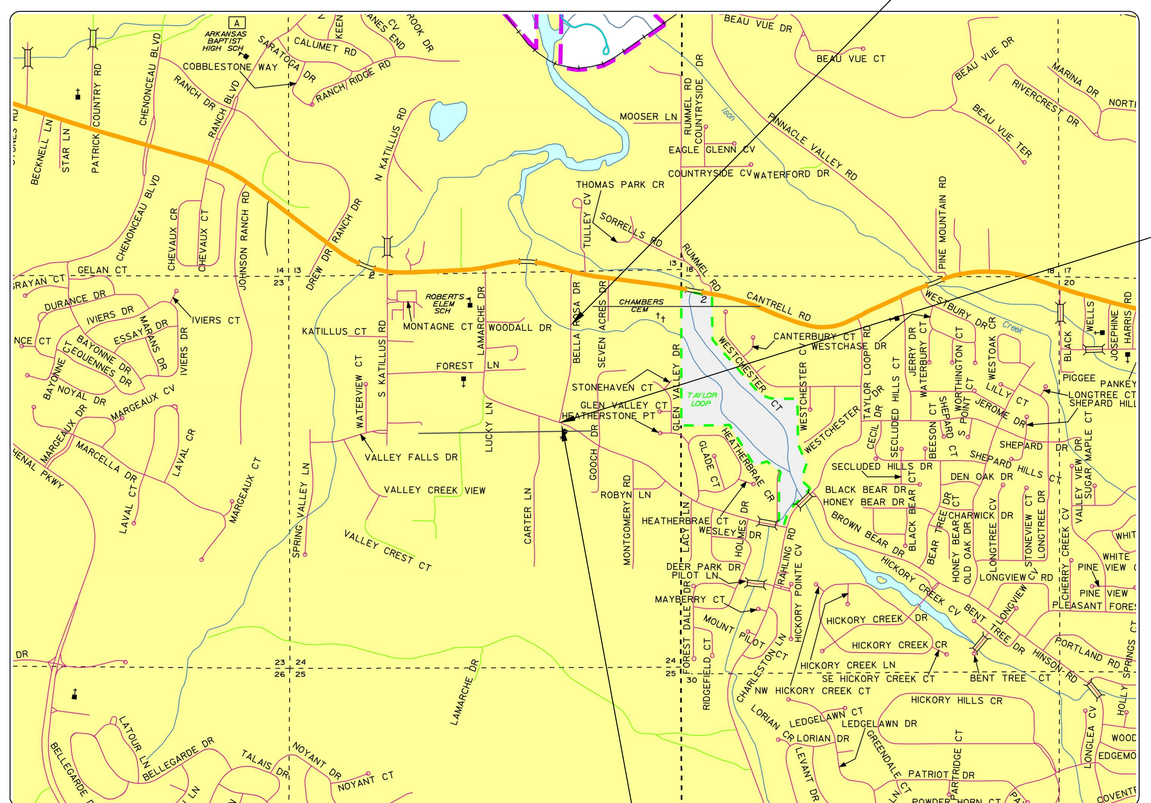


PROJECT LOCATION – WARD 5

PROJECT LOCATION

END PROJECT STA. 23+00

BEGIN PROJECT STA. 10+00



PROJECT LOCATION
1" = 1000'

SHEET NO.	TITLE
C1	COVER SHEET
C2	LEGEND
C3	TYPICAL SECTIONS
C4	PLAN - PROFILE - 1
C5	PLAN - PROFILE - 2
C6	PLAN - PROFILE - 3
C7	DRIVEWAYS 1
C8	DRIVEWAYS 2
C9	EROSION CONTROL - 1
C10	EROSION CONTROL - 2
C11	EROSION CONTROL - 3
C12	SURVEY CONTROL - 1
C13	SURVEY CONTROL - 2
C14	SURVEY CONTROL - 3
C15	X-SECTIONS - 1
C16	X-SECTIONS - 2
C17	X-SECTIONS - 3
C18	X-SECTIONS - 4
C19	X-SECTIONS - 5
C20	DRAINAGE

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

2019-2021 BOND PROGRAM

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

CENTRAL ARKANSAS ENGINEERING
A PROFESSIONAL LIMITED LIABILITY COMPANY
CIVIL ENGINEERING SURVEYING GIS
1012 AUTUMN ROAD, SUITE #2 | LITTLE ROCK, ARKANSAS 72211
OFFICE: 501.227.4459 | FAX: 501.227.3820 | EMAIL: CAENGR@SBCGLOBAL.NET
www.CentralArkansasEngineering.com

REVISIONS	DATE

60% Submittal

CITY OF LITTLE ROCK, ARKANSAS
Bella Rosa Drive Improvements
COVER

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

DRAWN BY ZR
DESIGNED RH
CHECKED RH
DATE 05-07-2019
SCALE
PROJECT NO. CLR # 5-17-ST-223
SHEET NO. C1

	CLR PROJECT # 5-17-ST-223		
	BELLA ROSA DR.		
	9-May-19		
ITEM #	**ITEM DESCRIPTION**	**UNIT**	**QUANTITY**
2.01	SITE PREPARATION(INCL. MOBILIZATION)	1	L.S.
3.01	UNCLASSIFIED EXCATION	C.Y.	1644
4.01	AGGREGATE BASE COURSE (CLASS 7)	TON	1127
6.01	ASPHALT SURFACE COURSE	TON	522
7.04	CONCERTE DRIVE (PRI.) 6"	S.F.	3745
8.01	CONCETE CURB & GUTTER	L.F.	2001
9.01	CONCRETE SIDEWALK, 4"	S.F.	5764
10.02	CURB INLET	EA.	8
10.03	WING 3' EXTENSION	EA.	1
10.07	WING 7' EXTENSION	EA.	3
13.15C	STORM DRAIN PIPES (CROSS DRAINS) 15"	L.F.	78
13.24S	STORM DRAIN PIPES (SIDE DRAINS) 24"	L.F.	414
13.30S	STORM DRAIN PIPES (SIDE DRAINS) 30"	L.F.	241
14.01	SOLID SOD (BERMUDA)	S.Y.	890
16.01	MAINTENANCE OF TRAFFIC	L.S.	1
18.10	WATER FOR DUST CONTROL	GAL.	500
19.01	FINAL CLEANUP	L.S.	1
24.01	SILT FENCE	L.F.	1800
27.07	COLD MILLING ASPHALT PAVEMENT	S.Y.	450
32.25	FLARED END SECTIONS 24"	EA.	2
32.30	FLARED END SECTIONS 30"	EA.	1
46.00	HYDRO SEEDING	AC	0.5
52.00	PROJECT INFORMATION KIOSK	L.S.	1
53.00	PERCAST BRIDGE SPAN 19' / RAIL	L.S.	1
53.01	PRECAST BRIDGE SPAN 19' NO RAIL	L.S.	1
54.00	CONCRETE BRIDGE SUBSTRUCTURE	C.Y.	50

NOTES:

THIS AREA IS FOR ANY SPECIAL CONDITIONS OR NOTES THAT NEED TO BE ADDED TO THE PLAN SET THAT ARE NOT COVERED IN THE BID/CONTRACT DOCUMENTS OR STANDARD SPECIFICATIONS.

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	
DECIDUOUS TREE	
EVERGREEN/CONIFEROUS TREE	
BUSH	
PROPERTY LINE	
SETBACK LINE	
EASEMENT LINE	
CURB	
FENCE	X
OVERHEAD ELECTRIC	OE
OVERHEAD TELEPHONE	OT
OVERHEAD CABLE	OC
UNDERGROUND TELEPHONE	UGT
UNDERGROUND ELECTRIC	UGE
UNDERGROUND CABLE	UGC
WATER LINE	8"W
SEWER LINE	8"SS
GAS LINE	4"G
STORM SEWER/CULVERT	24" CMP/RCP/DIP
EDGE OF WOODS	
CONTOUR LINE	650

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	D D
STORM SEWER – FLARED END SECTION	
STORM SEWER – HEADWALL	
STORM SEWER – SINGLE WING	D
STORM SEWER – DOUBLE WING	D
STORM SEWER – AREA INLET	D
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

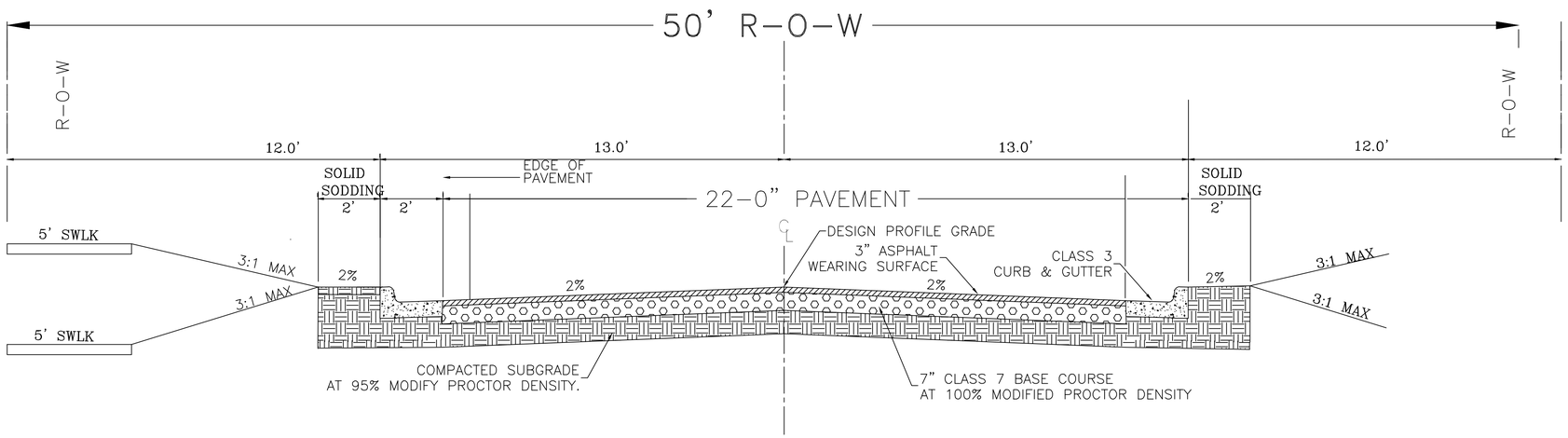
60% Submittal

CITY OF LITTLE ROCK, ARKANSAS
Bella Rosa Drive Improvements

LEGEND

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

DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	05-07-2019
SCALE	
PROJECT NO.	CLR # 5-17-ST-223
SHEET NO.	C2



STA. 10+10 TO STA. 22+34

REVISIONS	DATE

60% Submittal

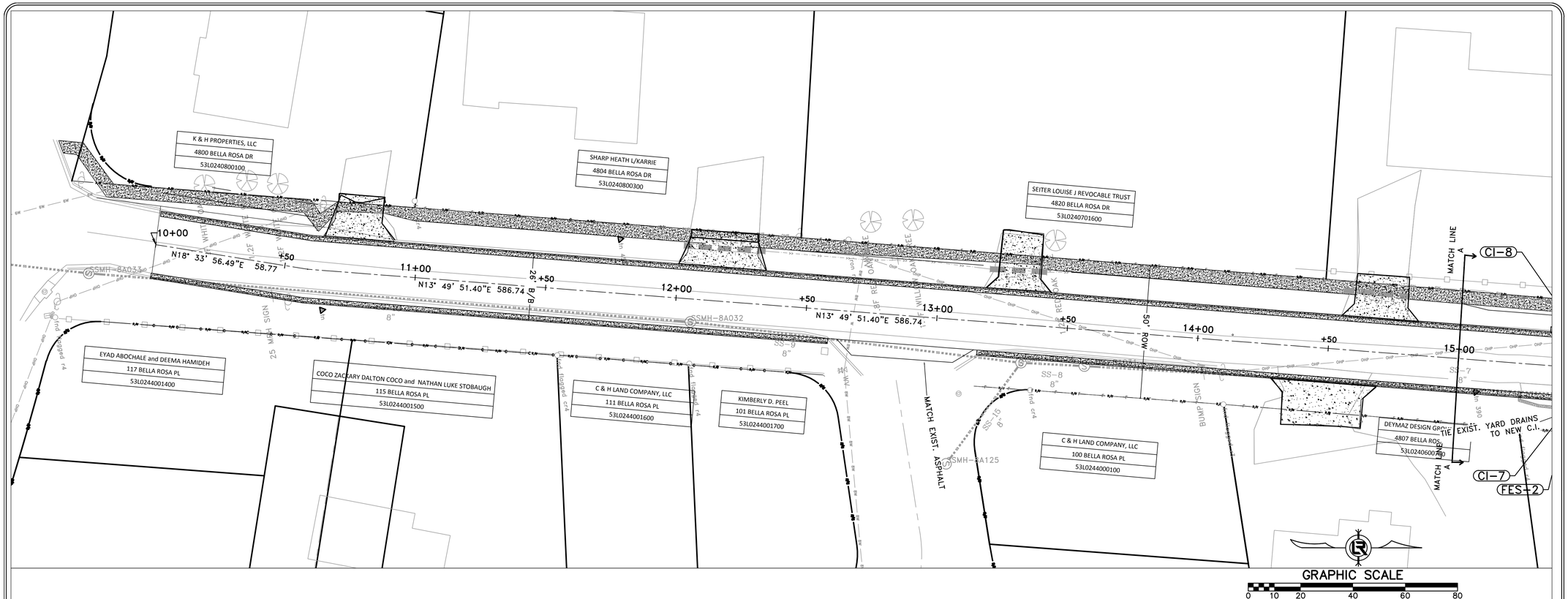
CITY OF LITTLE ROCK, ARKANSAS

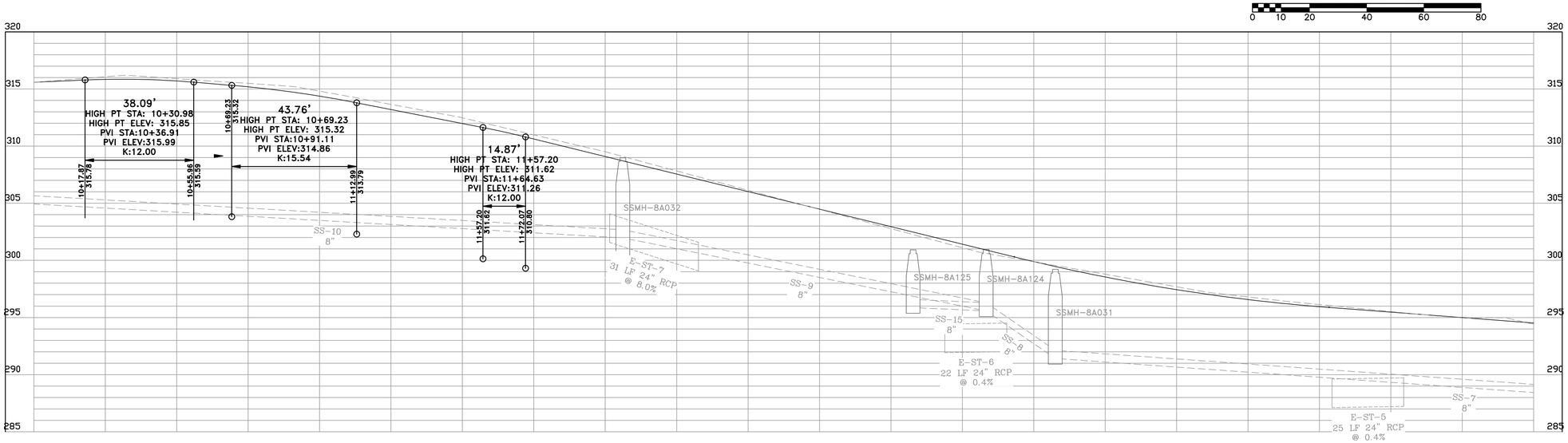
Bella Rosa Drive Improvements

TYPICAL SECTIONS

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

DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	05-07-2019
SCALE	Value
PROJECT NO.	CLR # 5-17-ST-223
SHEET NO.	C3





D 315.59	D 315.84	D 315.70	D 315.19	D 314.37	D 313.20	D 311.98	D 310.62	D 309.09	D 307.56	D 306.02	D 304.49	D 302.95	D 301.42	D 299.89	D 298.55	D 297.44	D 296.57	D 295.94	D 295.47	D 294.99	D 294.52
E 315.59	E 316.07	E 315.90	E 315.50	E 314.81	E 313.65	E 312.48	E 310.99	E 309.51	E 307.83	E 306.14	E 304.46	E 302.78	E 301.11	E 299.88	E 298.79	E 297.69	E 296.80	E 296.13	E 295.52	E 294.97	E 294.45
10+00	+25	+50	+75	11+00	+25	+50	+75	12+00	+25	+50	+75	13+00	+25	+50	+75	14+00	+25	+50	+75	15+00	15+25

REVISIONS	DATE

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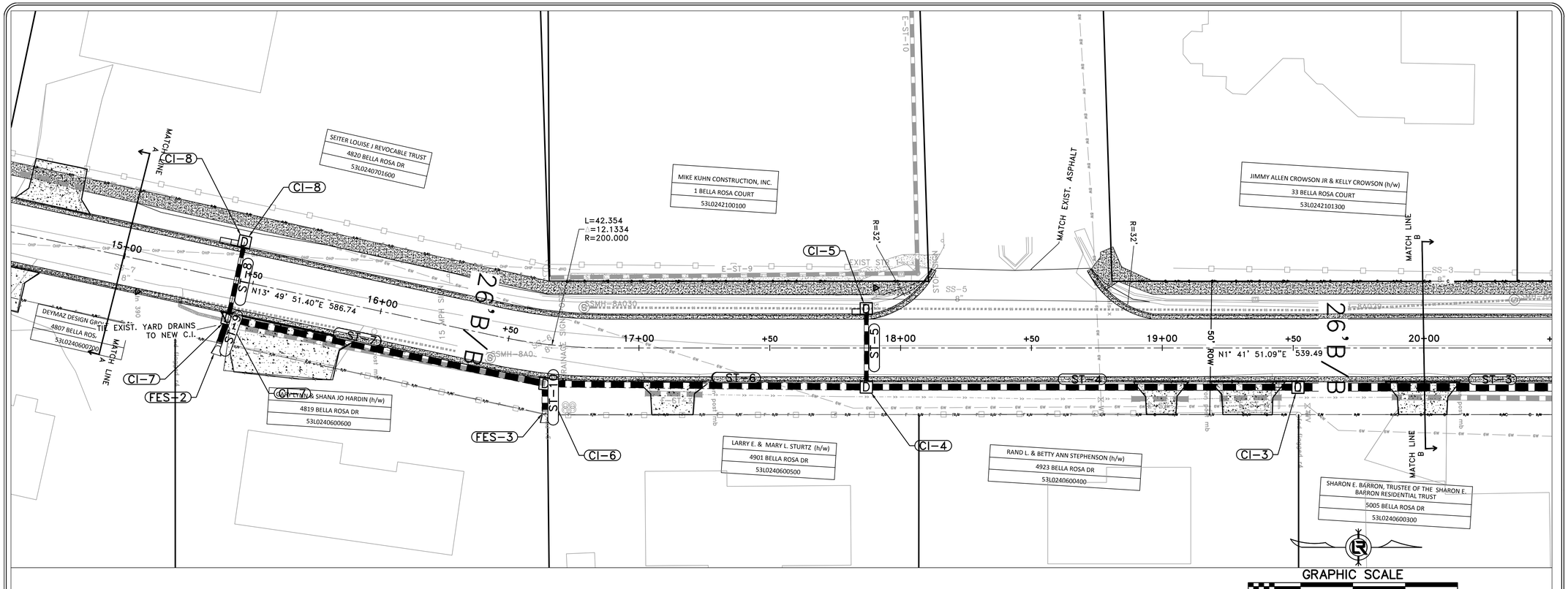
CITY OF LITTLE ROCK, ARKANSAS
BELLA ROSA DRIVE IMPROVEMENTS

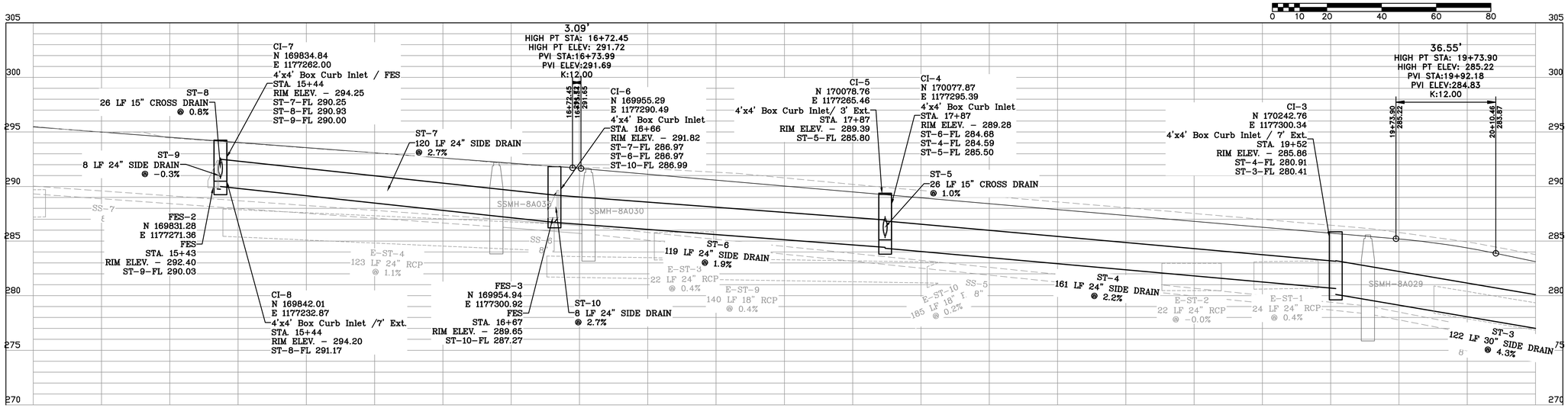
PLAN & PROFILE 1

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

SEAL

DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	05-07-2019
SCALE	####
PROJECT NO.	CLR # 5-17-ST-223
SHEET NO.	C4





REVISIONS	DATE

60% SUBMITTAL

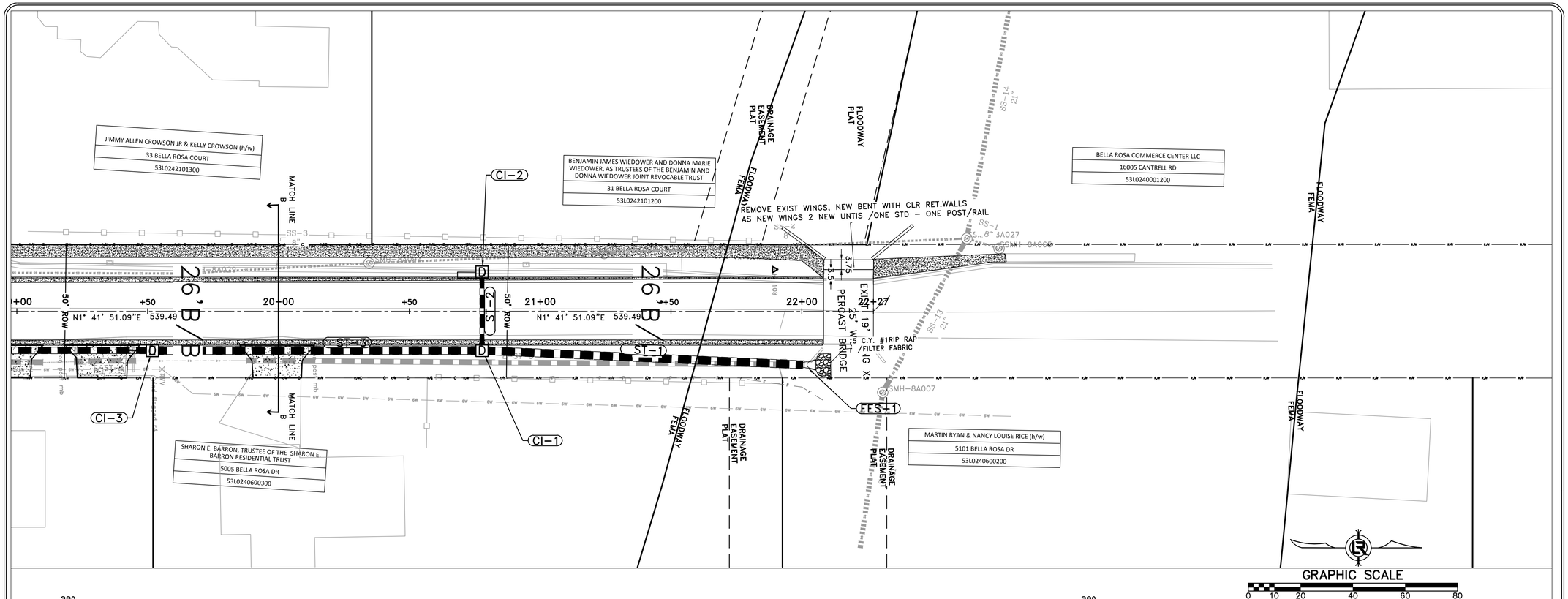
CITY OF LITTLE ROCK, ARKANSAS
BELLA ROSA DRIVE IMPROVEMENTS

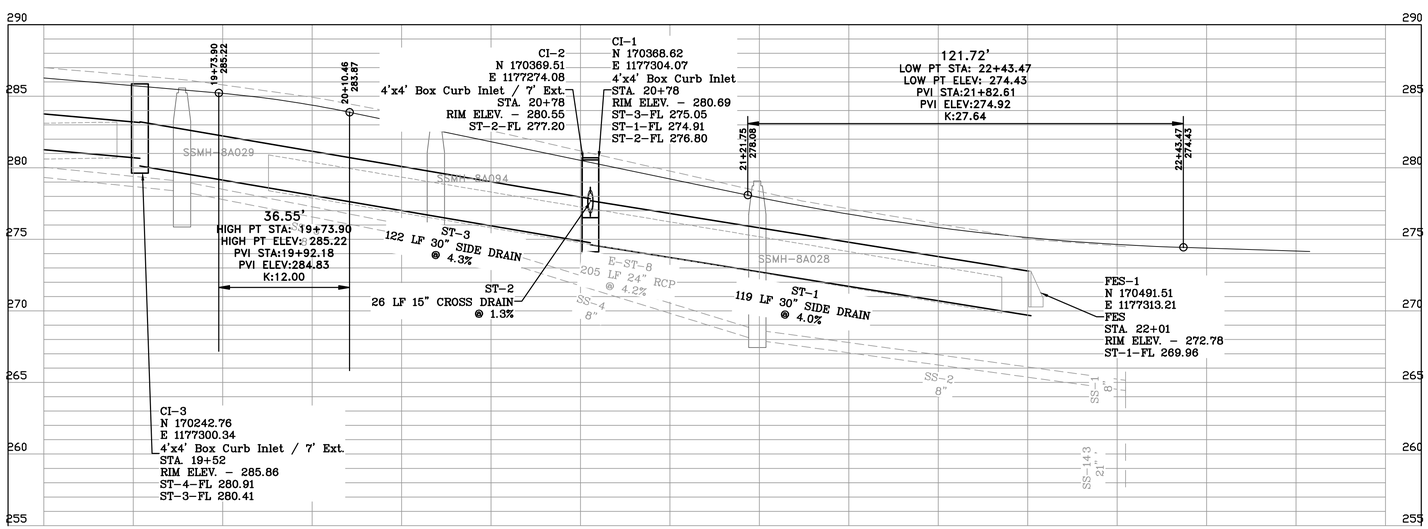
PLAN & PROFILE 2

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

SEAL

DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	05-07-2019
SCALE	####
PROJECT NO.	CLR # 5-17-ST-223
SHEET NO.	C5





REVISIONS	DATE

60% SUBMITTAL

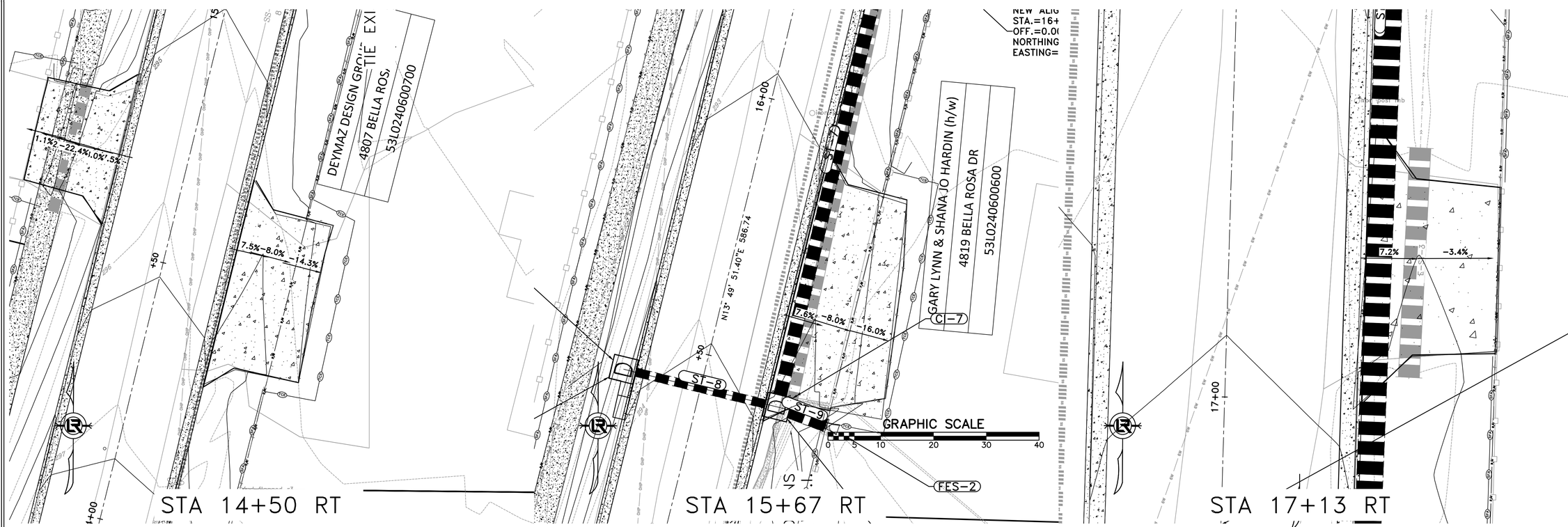
CITY OF LITTLE ROCK, ARKANSAS
BELLA ROSA DRIVE IMPROVEMENTS

PLAN & PROFILE 3

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

SEAL

DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	05-07-2019
SCALE	####
PROJECT NO.	CLR # 5-17-ST-223
SHEET NO.	C6



REVISIONS	DATE

60% Submittal

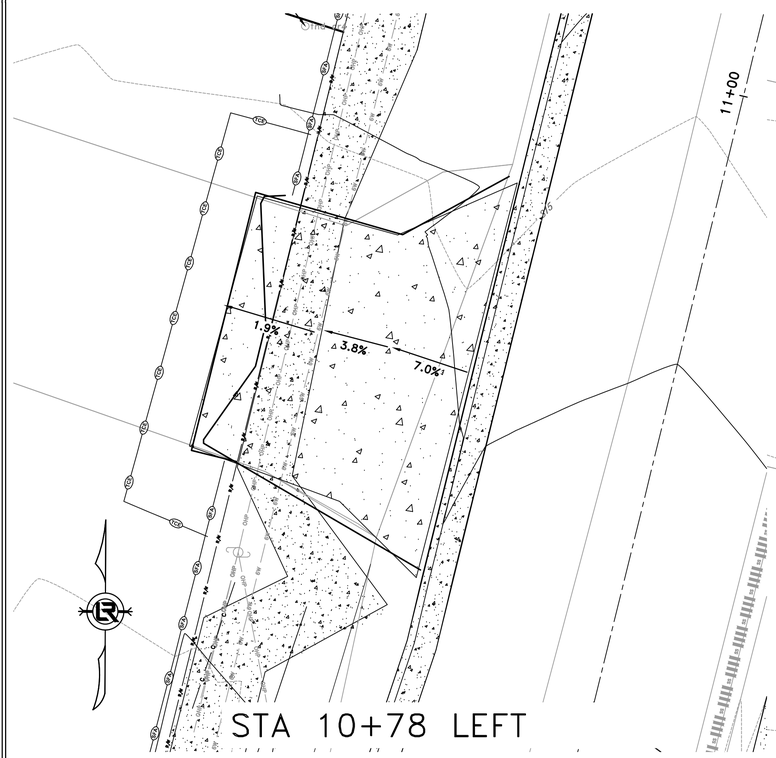
CITY OF LITTLE ROCK, ARKANSAS

Bella Rosa Drive Improvements

DRIVEWAYS 1

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

DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	05-07-2019
SCALE	Value
PROJECT NO.	CLR # 5-17-ST-223
SHEET NO.	C7



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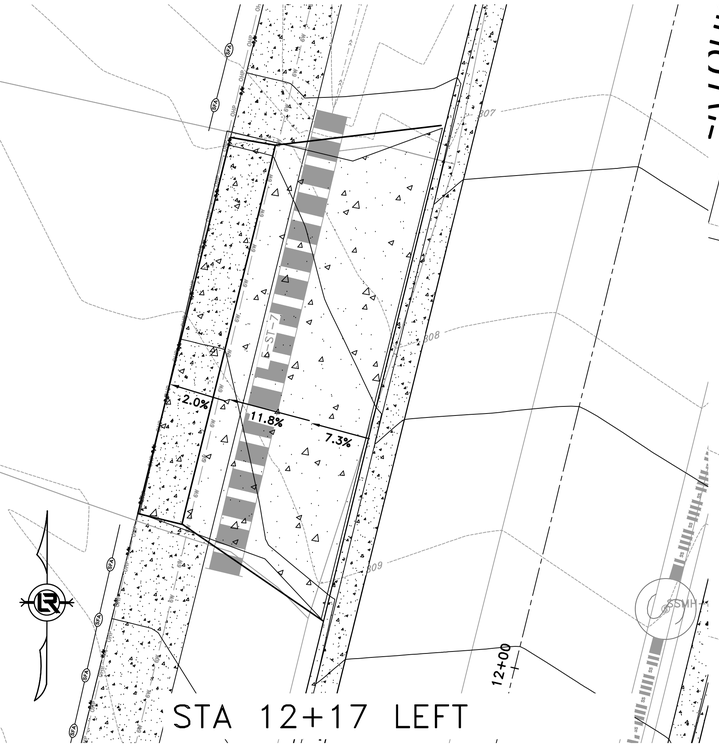

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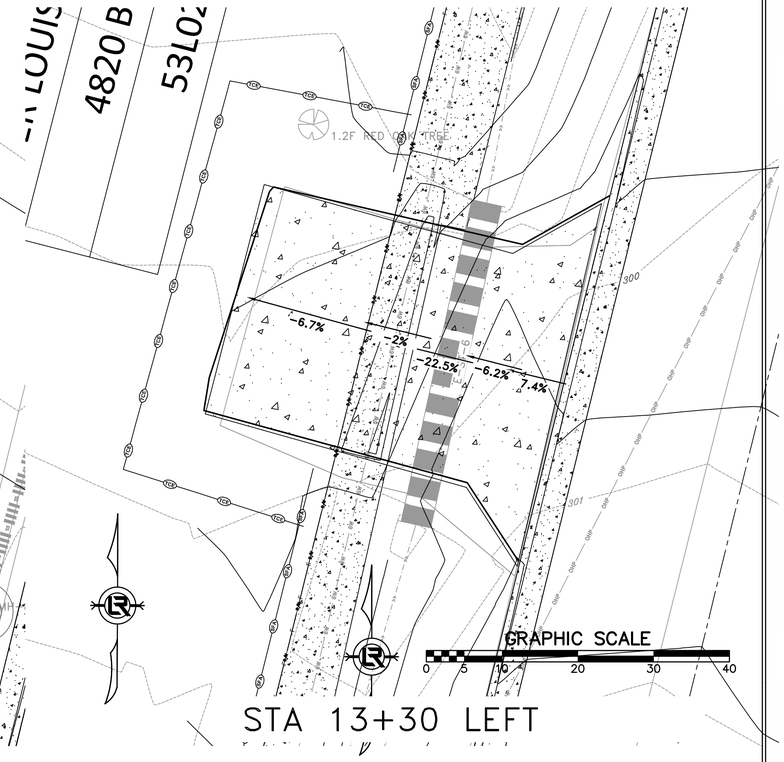

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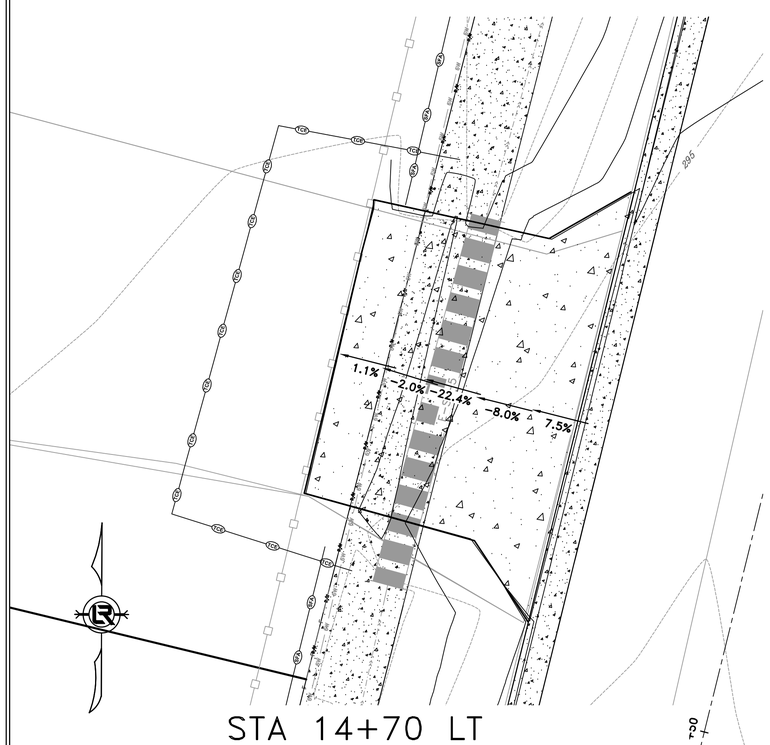

STA 14+70 LT

REVISIONS	DATE

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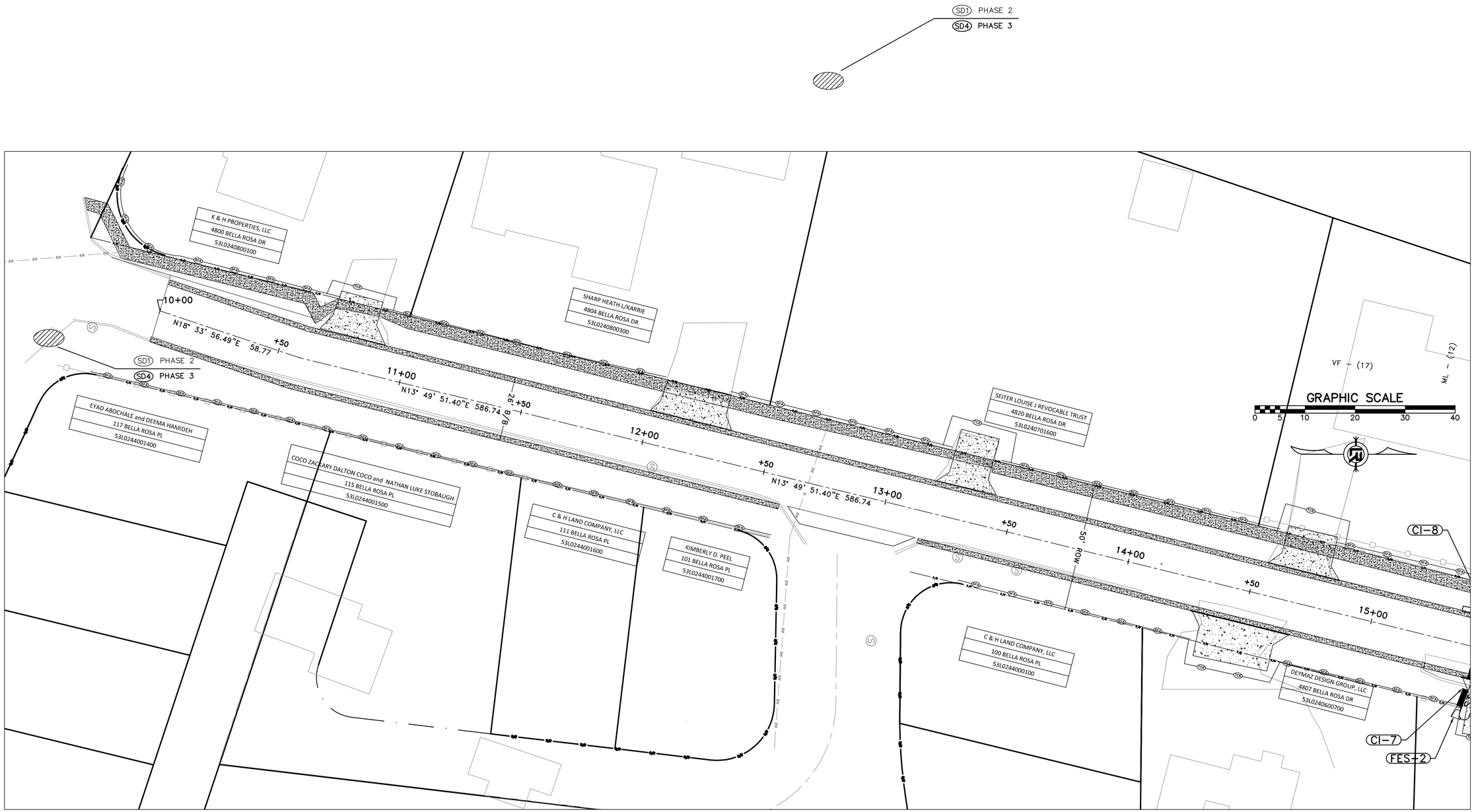
CITY OF LITTLE ROCK, ARKANSAS
Bella Rosa Drive Improvements

DRIVEWAYS 2

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

DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	05-07-2019
SCALE	Value
PROJECT NO.	CLR # 5-17-ST-223
SHEET NO.	C8



REVISIONS	DATE

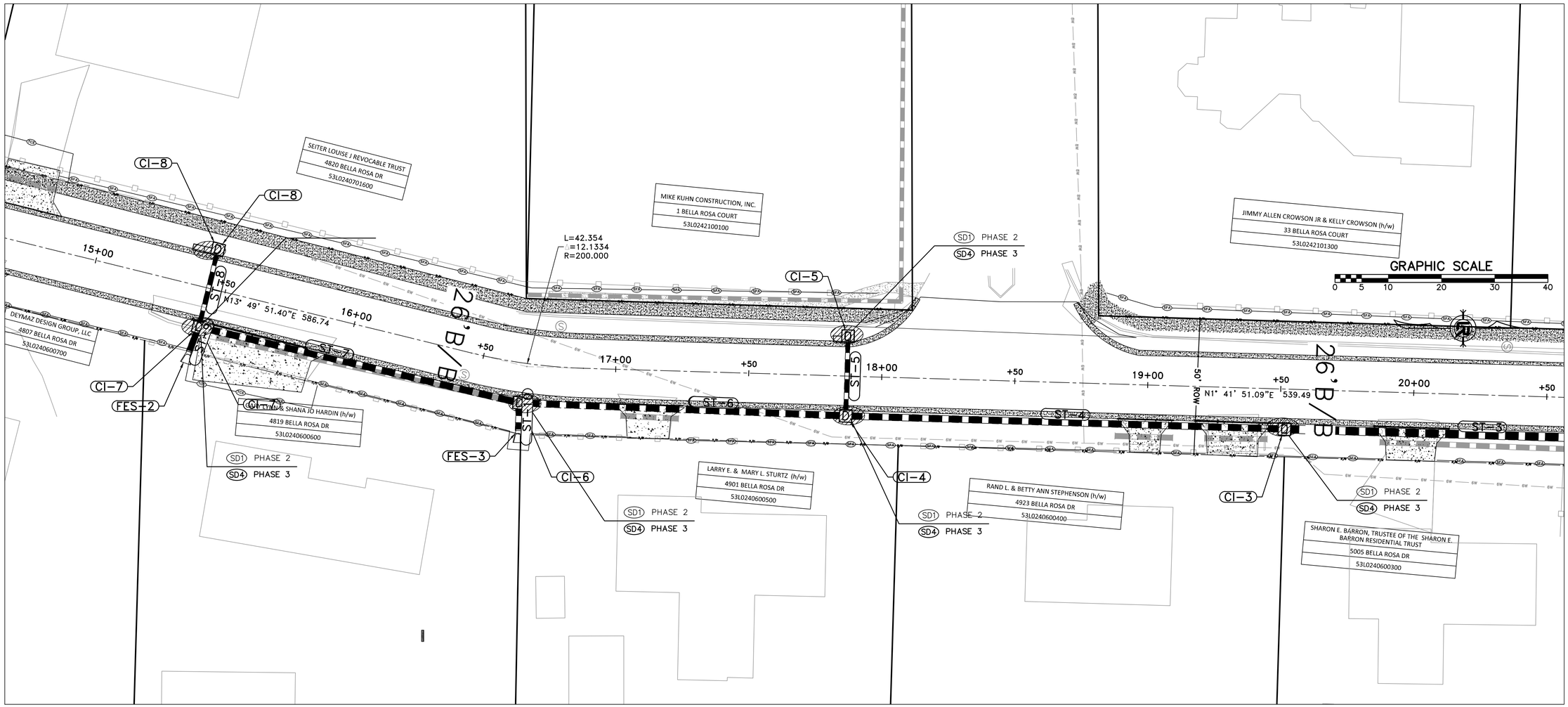
60% Submittal

CITY OF LITTLE ROCK, ARKANSAS
Bella Rosa Drive Improvements

EROSION CONTROL - 1

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

DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	05-07-2019
SCALE	Value
PROJECT NO.	CLR # 5-17-ST-223
SHEET NO.	C9



REVISIONS	DATE

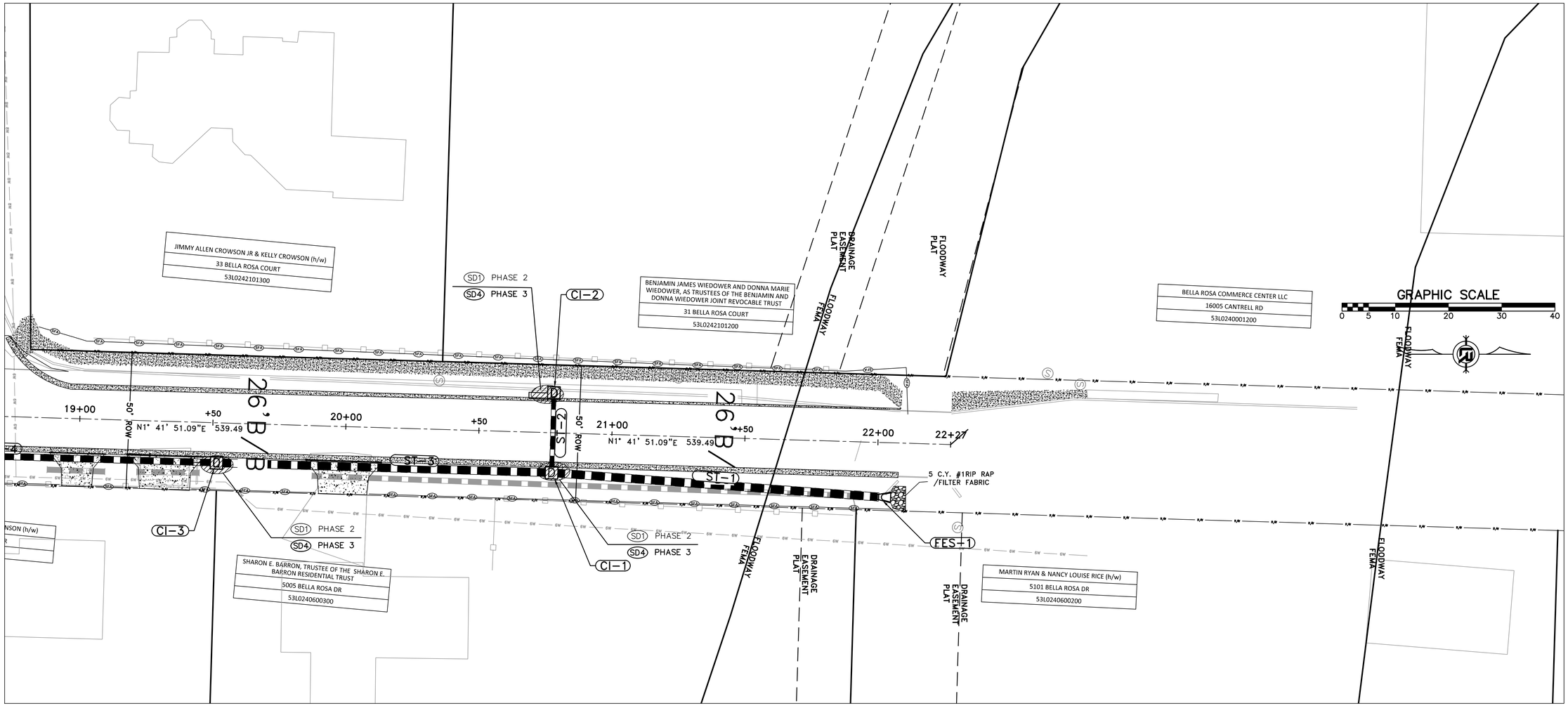
60% Submittal

CITY OF LITTLE ROCK, ARKANSAS
Bella Rosa Drive Improvements

EROSION CONTROL - 2

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

DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	05-07-2019
SCALE	Value
PROJECT NO.	CLR # 5-17-ST-223
SHEET NO.	C10



REVISIONS	DATE

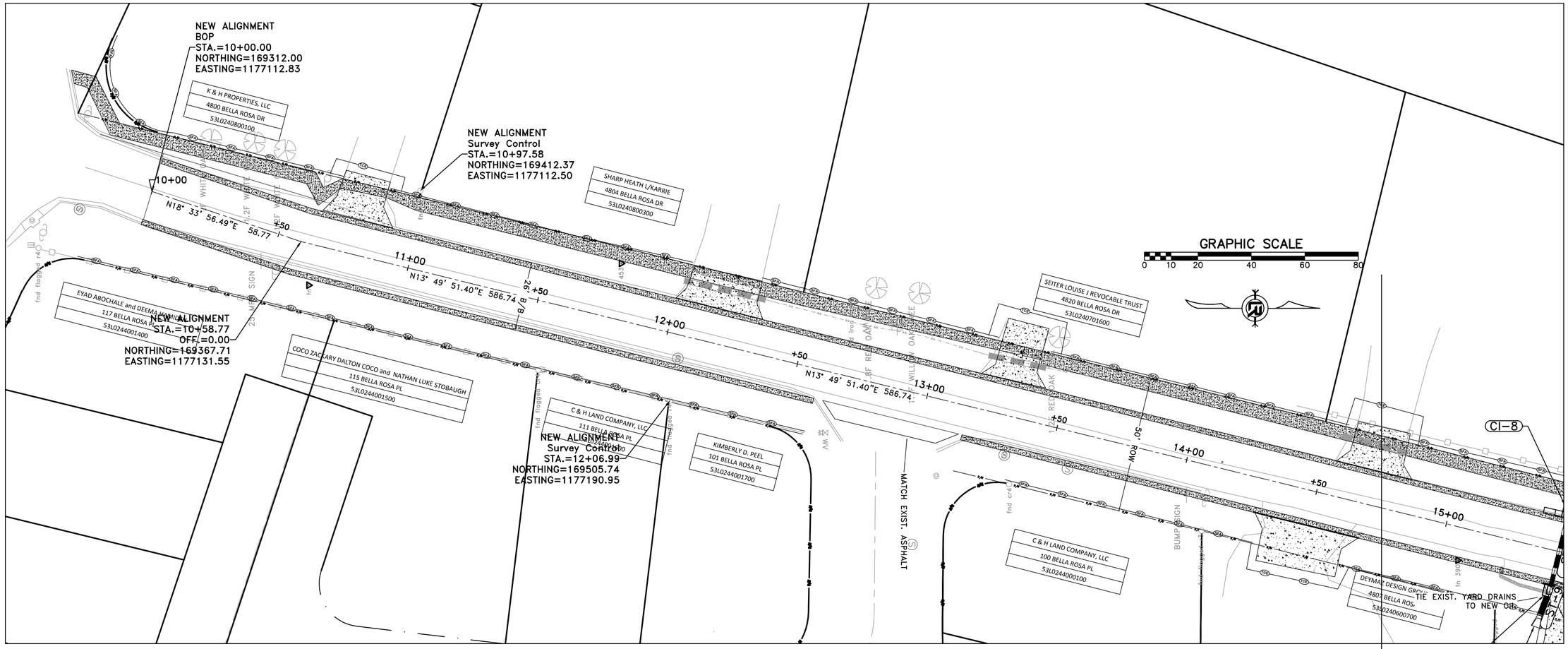
60% Submittal

CITY OF LITTLE ROCK, ARKANSAS
Bella Rosa Drive Improvements

EROSION CONTROL - 3

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

DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	05-07-2019
SCALE	Value
PROJECT NO.	CLR # 5-17-ST-223
SHEET NO.	C11



REVISIONS	DATE

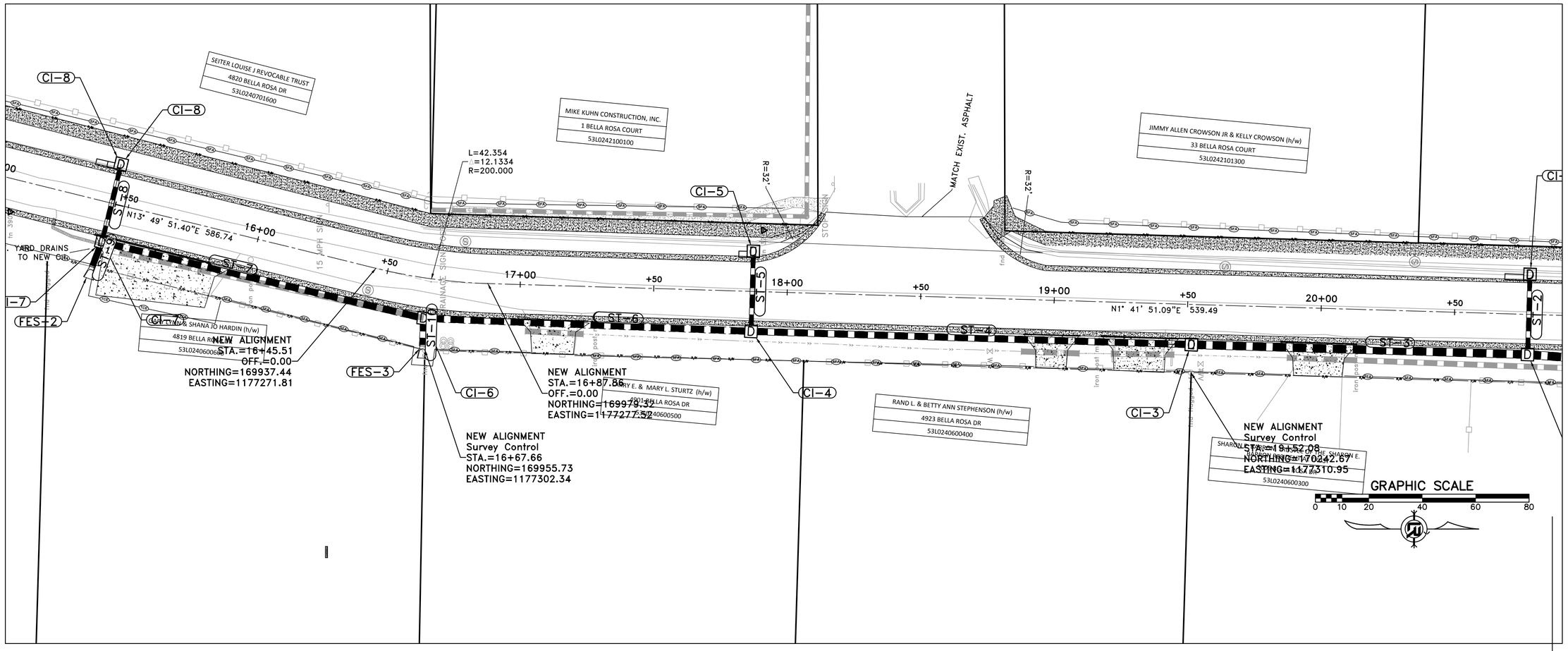
60% Submittal

CITY OF LITTLE ROCK, ARKANSAS
Bella Rosa Drive Improvements

SURVEY CONTROL - 1

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

DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	05-07-2019
SCALE	Value
PROJECT NO.	CLR # 5-17-ST-223
SHEET NO.	C12



REVISIONS	DATE

60% Submittal

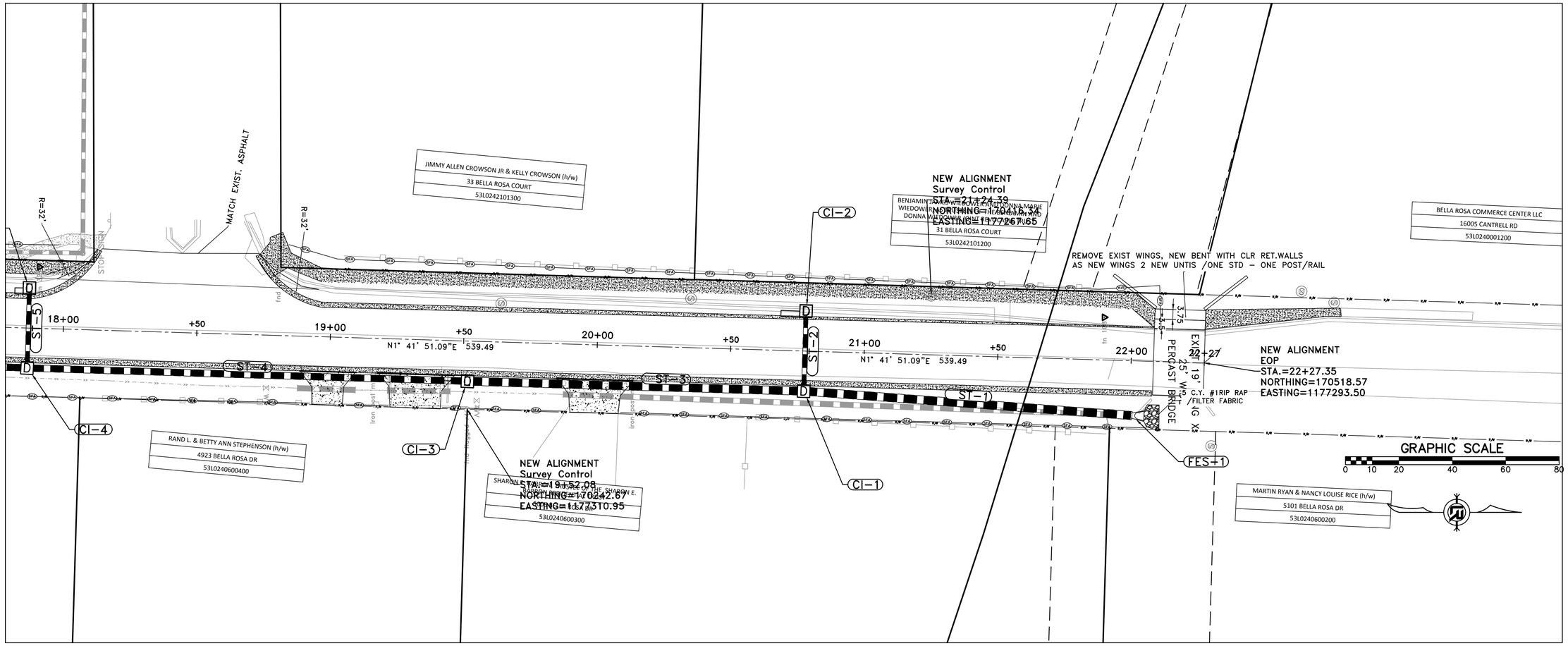
CITY OF LITTLE ROCK, ARKANSAS

Bella Rosa Drive Improvements

SURVEY CONTROL - 2

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

DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	05-07-2019
SCALE	Value
PROJECT NO.	CLR # 5-17-ST-223
SHEET NO.	C13



REVISIONS	DATE

60% Submittal

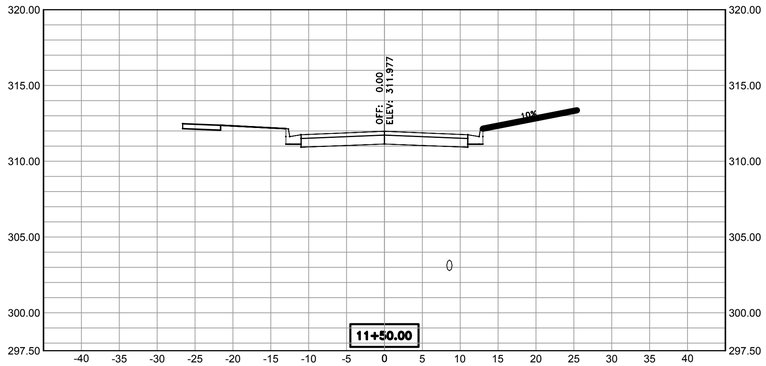
CITY OF LITTLE ROCK, ARKANSAS

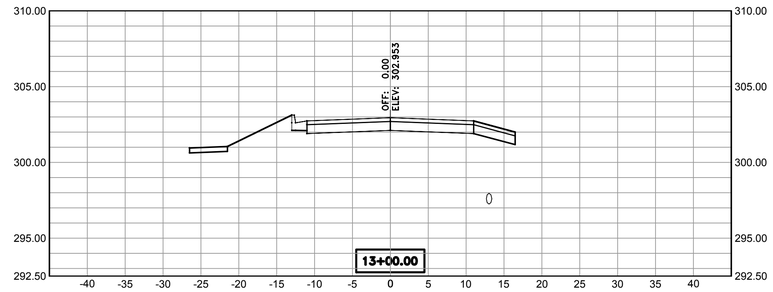
Bella Rosa Drive Improvements

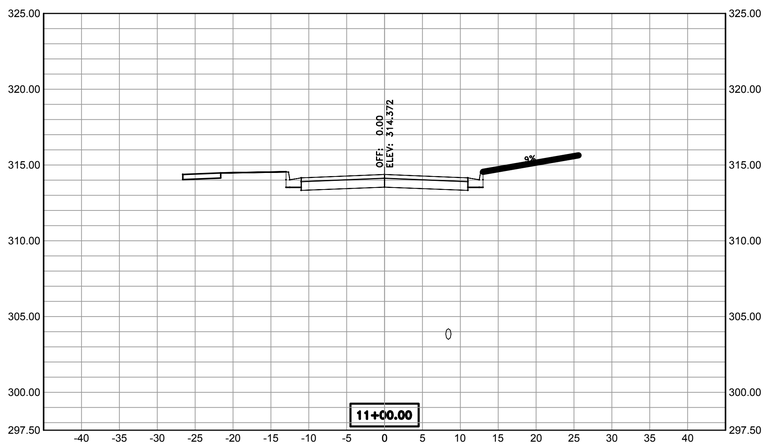
SURVEY CONTROL - 3

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

DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	05-07-2019
SCALE	Value
PROJECT NO.	CLR # 5-17-ST-223
SHEET NO.	C14







GRAPHIC SCALE

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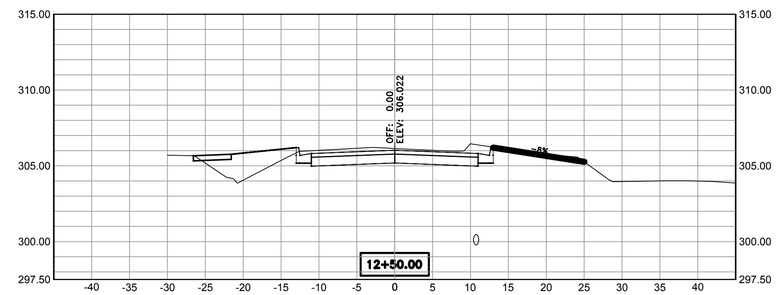
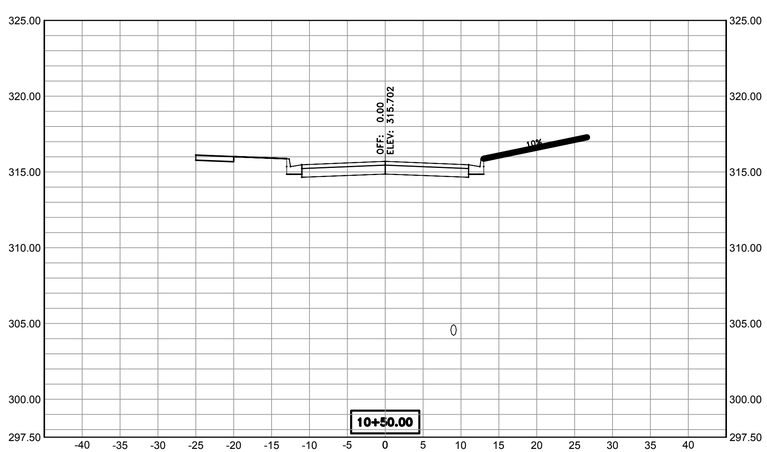




REVISIONS	DATE

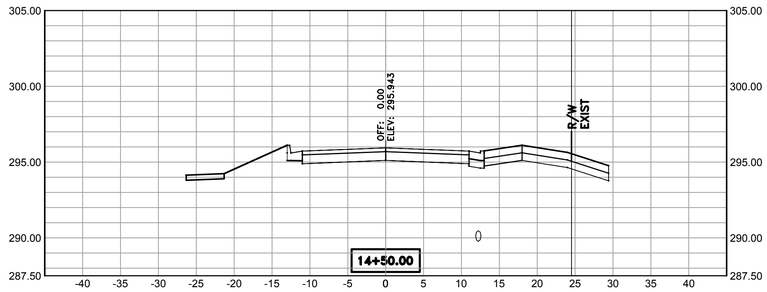
60% Submittal

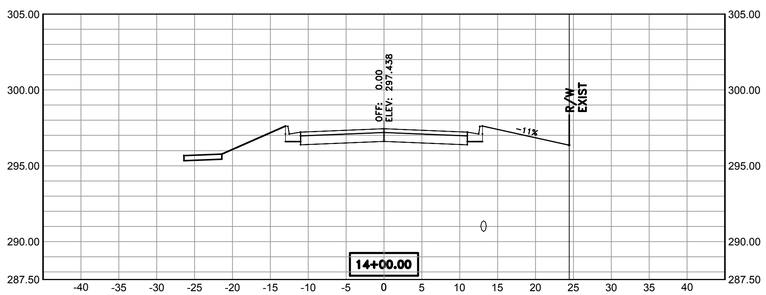
CITY OF LITTLE ROCK, ARKANSAS
Bella Rosa Drive Improvements

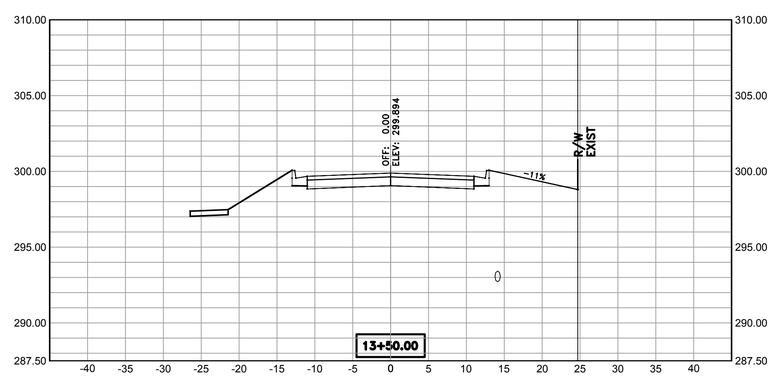
X-SECTIONS 1

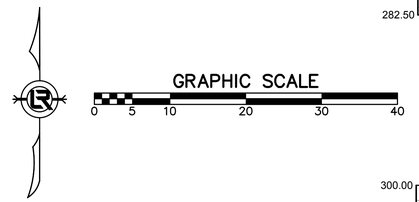
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

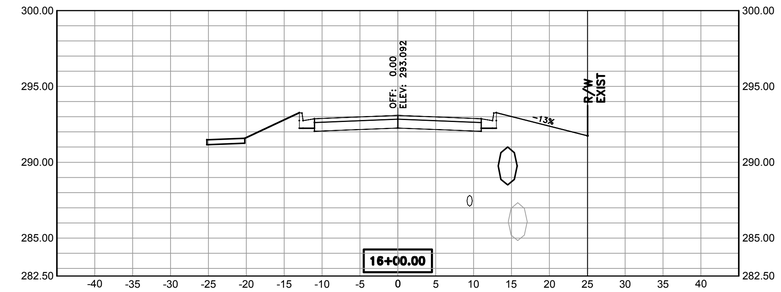
DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	05-07-2019
SCALE	Value
PROJECT NO.	CLR # 5-17-ST-223
SHEET NO.	C15

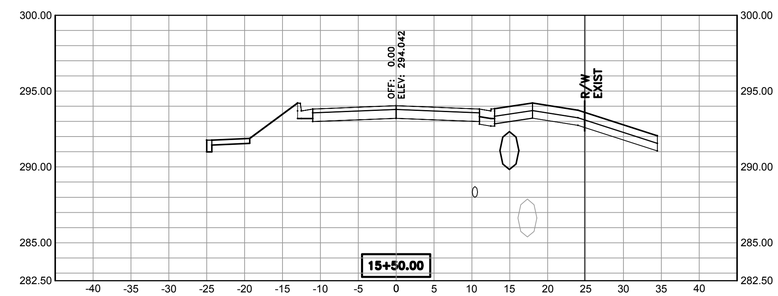


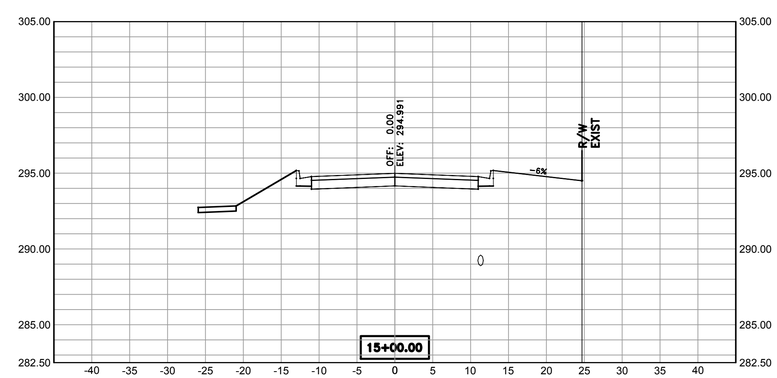












REVISIONS	DATE

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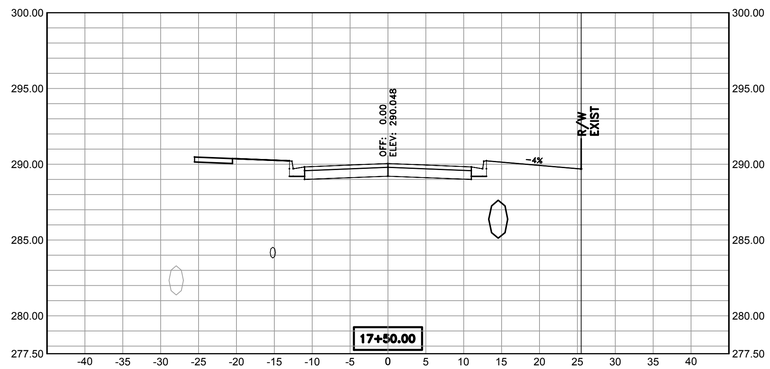
CITY OF LITTLE ROCK, ARKANSAS

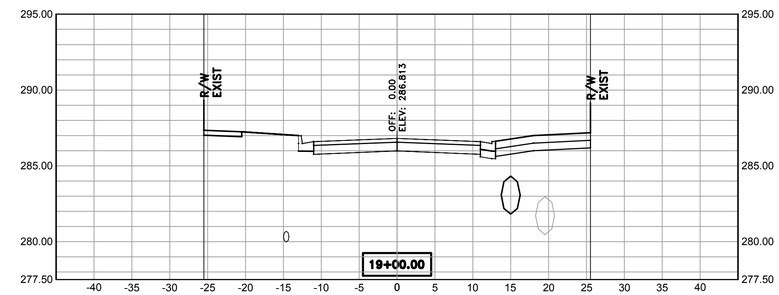
Bella Rosa Drive Improvements

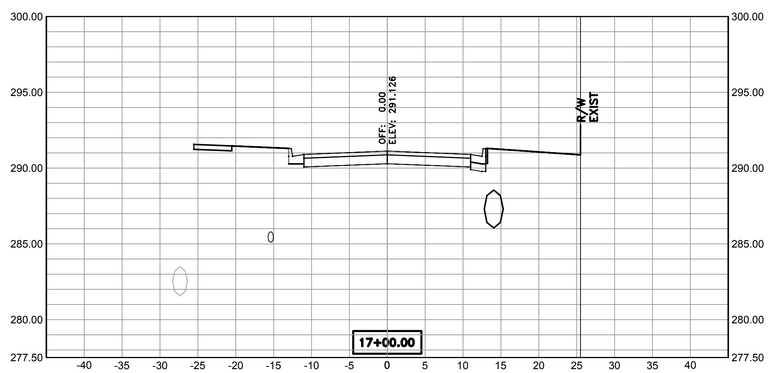
X-SECTIONS 2

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

DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	05-07-2019
SCALE	Value
PROJECT NO.	CLR # 5-17-ST-223
SHEET NO.	C16







GRAPHIC SCALE

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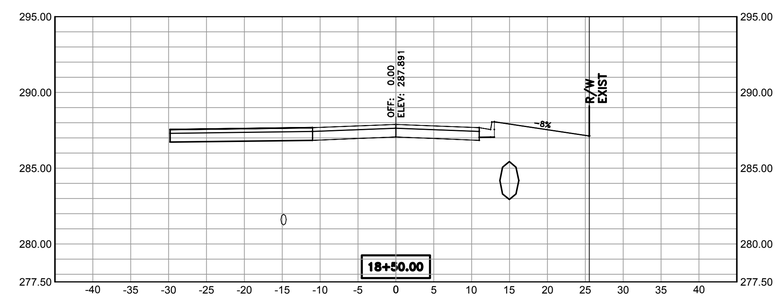

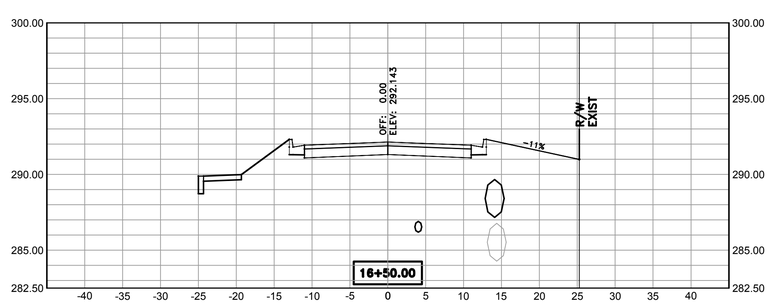

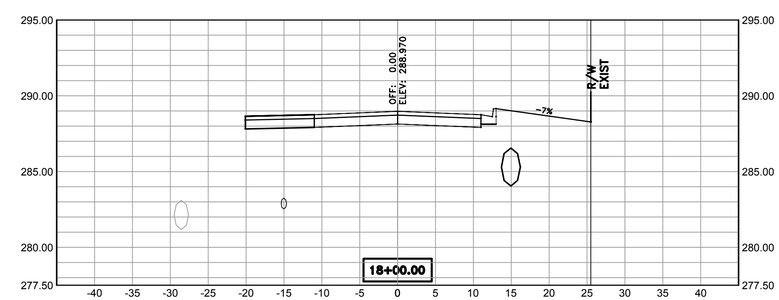

REVISIONS	DATE

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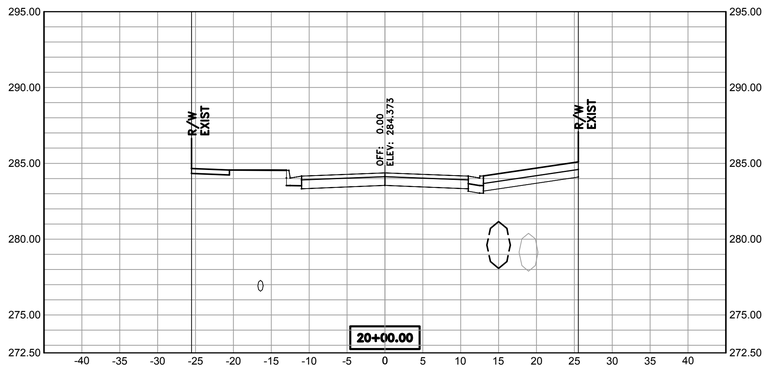
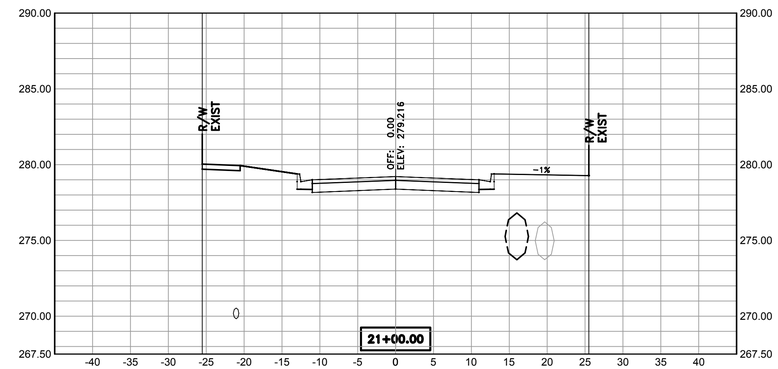
CITY OF LITTLE ROCK, ARKANSAS
Bella Rosa Drive Improvements

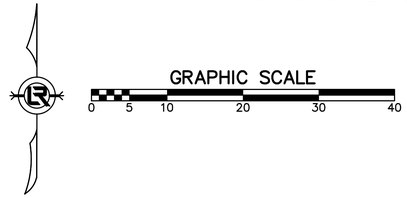
X-SECTIONS 3

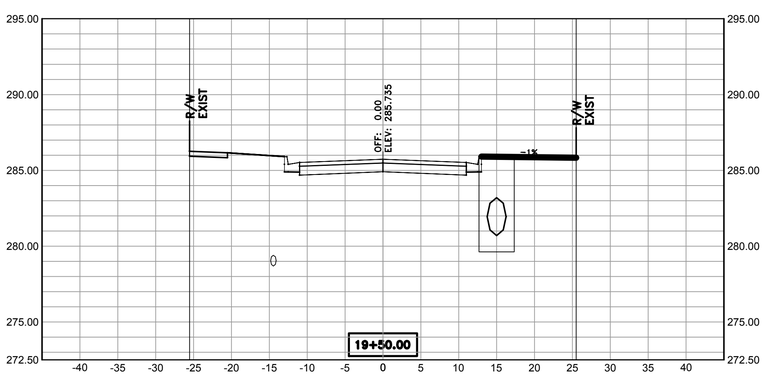
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

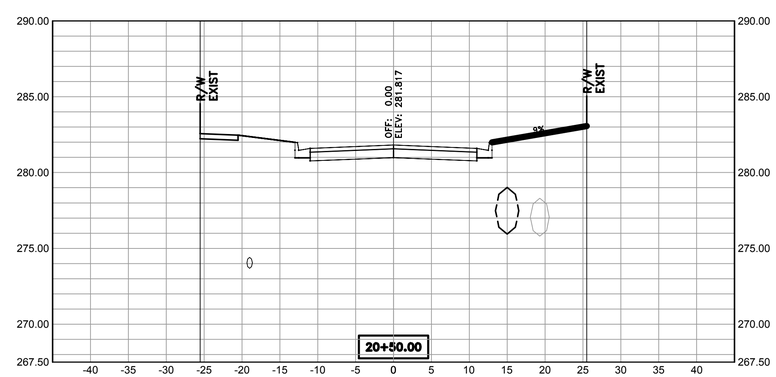
DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	05-07-2019
SCALE	Value
PROJECT NO.	CLR # 5-17-ST-223
SHEET NO.	C17











REVISIONS	DATE

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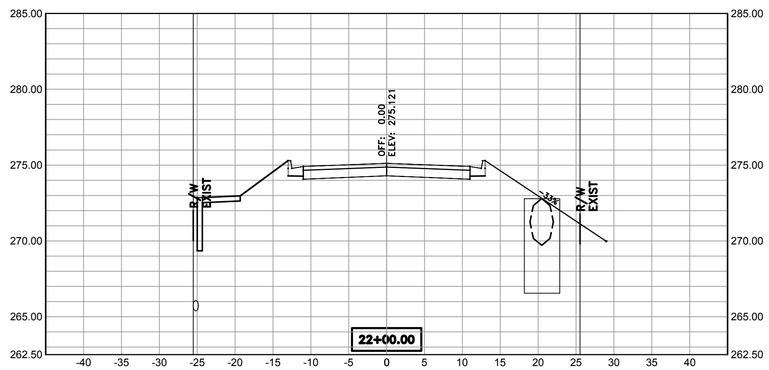
CITY OF LITTLE ROCK, ARKANSAS

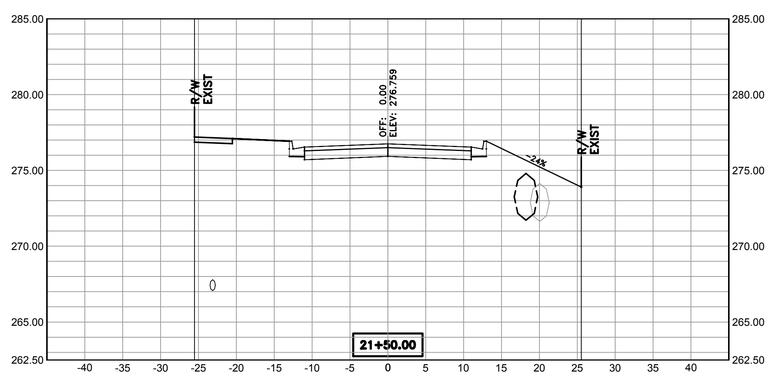
Bella Rosa Drive Improvements

X-SECTIONS 4

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

DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	05-07-2019
SCALE	Value
PROJECT NO.	CLR # 5-17-ST-223
SHEET NO.	C18





GRAPHIC SCALE

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REVISIONS	DATE

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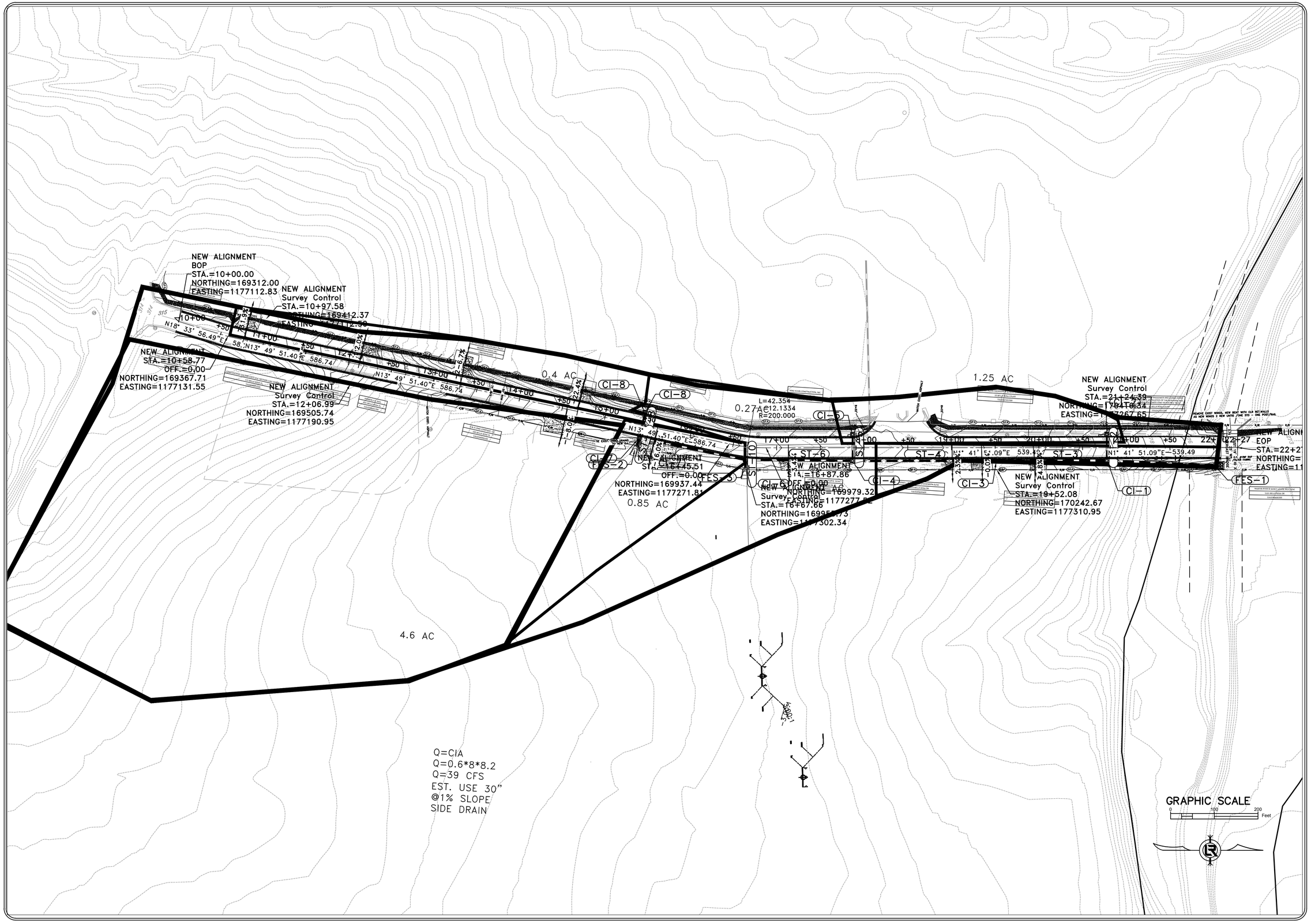
CITY OF LITTLE ROCK, ARKANSAS

Bella Rosa Drive Improvements

X-SECTIONS 5

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

DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	05-07-2019
SCALE	Value
PROJECT NO.	CLR # 5-17-ST-223
SHEET NO.	C19



REVISIONS	DATE

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CITY OF LITTLE ROCK, ARKANSAS

Bella Rosa Drive Improvements

DRAINAGE

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

DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	05-07-2019
SCALE	Value
PROJECT NO.	CLR # 5-17-ST-223
SHEET NO.	C20