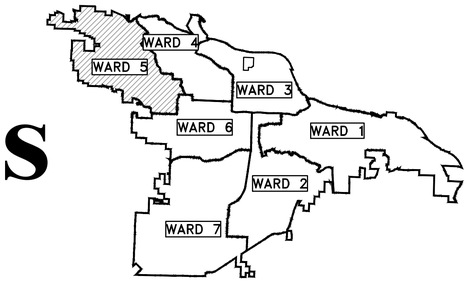
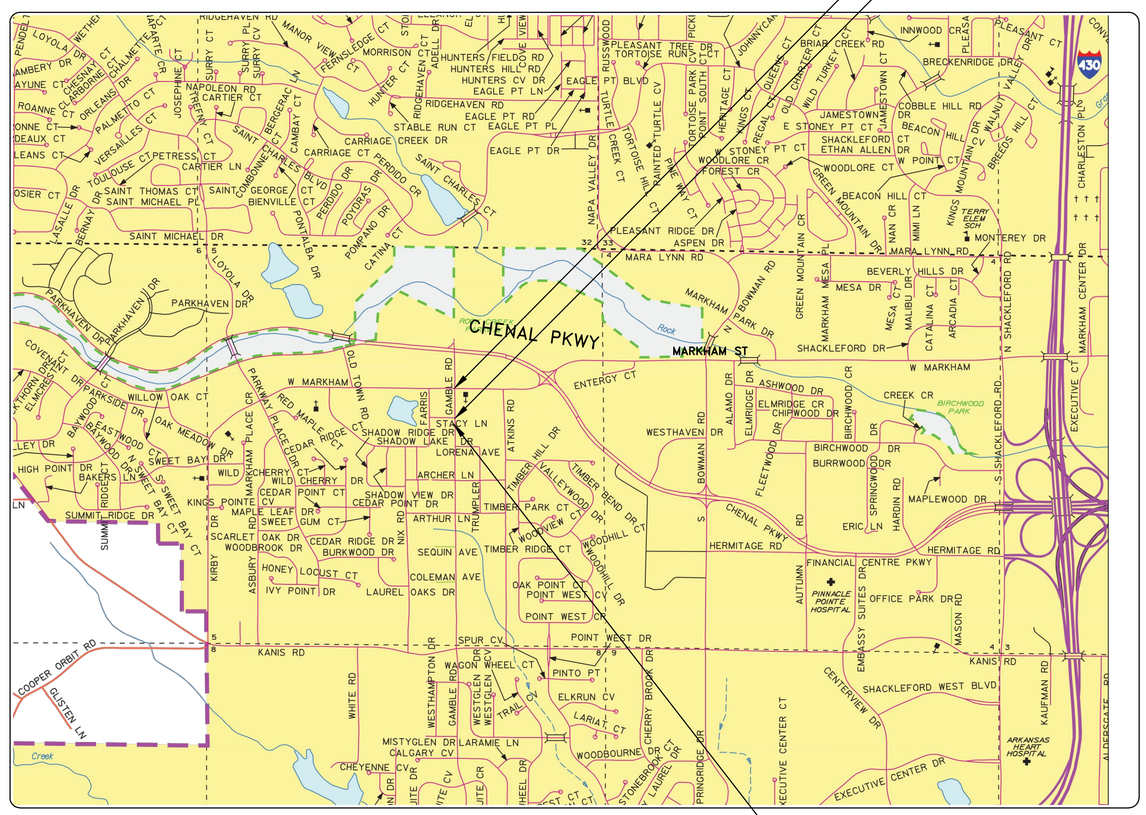
CLR PROJECT # 5-17-ST-224B
GAMBLE ROAD IMPROVEMENTS
STACY LANE TO MARKHAM STREET



PROJECT LOCATION – WARD 5

END PROJECT STA. 16+80

BEGIN PROJECT STA. 12+83



PROJECT LOCATION
1"=1000'

F:_2013-2014 PROJECTS_2018310 Gamble Rd 5-17-ST-224B\From CLR 2018 Projects CD_811Eng_hor_CMYK.jpg

SHEET LIST TABLE	
SHEET NO.	TITLE
C1	COVER SHEET
C2	LEGEND
C3	TYPICAL SECTIONS
C4	PLAN - PROFILE
C5	SURVEY CONTROL
C6	DRIVEWAYS
C7	EROSION CONTROL
C8	X-SECTIONS 1
C9	X-SECTIONS 2
C10	X-SECTIONS 3
C11	X-SECTIONS 4

PUBLIC WORKS · CITY OF LITTLE ROCK ·

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

90% Submittal

CITY OF LITTLE ROCK, ARKANSAS
GAMBLE ROAD IMPROVEMENTS
COVER

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

DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	11/25/2019
SCALE	Value
PROJECT NO.	CLR # 5-17-ST-224B
SHEET NO.	C1

	CLR PROJECT # 5-17-ST-224B		
	GAMBLE ROAD IMPROVEMENTS 90% SUBMITTAL		
	11/25/2019		
ITEM #	**ITEM DESCRIPTION**	**UNIT**	**QUANTITY**
2.01	SITE PREPARATION	LS	1
2.02	CLEARING AND GRUBBING TREEMS	LS	1
3.01	UNCLASSIFIED EXCAVATION	CY	550
3.40	TOPSOIL	CY	85
4.01	AGGREGATE BASE COURSE	TON	556
6.01	ACHM SURFACE COURSE	TON	195
7.06	CONCRETE DRIVEWAY (6" THICK), STANDARD FINISH	SF	770
8.03	CONCRETE CURB AND GUTTER (CLASS 3)	LF	767
9.04	CONCRETE SIDEWALK (4" THICK)	SF	2180
9.40	CONCRETE SIDEWALK "TURN UP WALL", (PW-44)(PW-45)	SF	321
10.02	AREA INLET	EA	1
10.04	CURB INLET - 4' BOX	EA	3
10.07	WING 3' EXTENSION	EA	2
10.08	WING 6' EXTENSION	EA	1
13.18	CROSS DRAIN PIPE 18"	LF	84
13.19	SIDE DRAIN PIPE 18"	LF	158
14.01	SOLID SOD, BERMUDA	SY	160
16.01	MAINTANCE OF TRAFFIC	LS	1
17.01	PAVEMENT REPAIRS(MILL & OVERLAY)	SY	600
18.01	REMOVE AND REPLACE FENCE	LF	145
19.01	FINAL CLEANUP	LS	1
24.07	SEDIMENT BARRIER, GRAVEL RING	EA	4
24.11	SILT FENCE - TYPE A (SFA)	LF	700
24.18	DISTURBED AREA STABILIZATION - TEMPORARY STABILIZATION(TS1)	AC	0.2
606.18	FLARED END SECTION 18"	EA	2

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

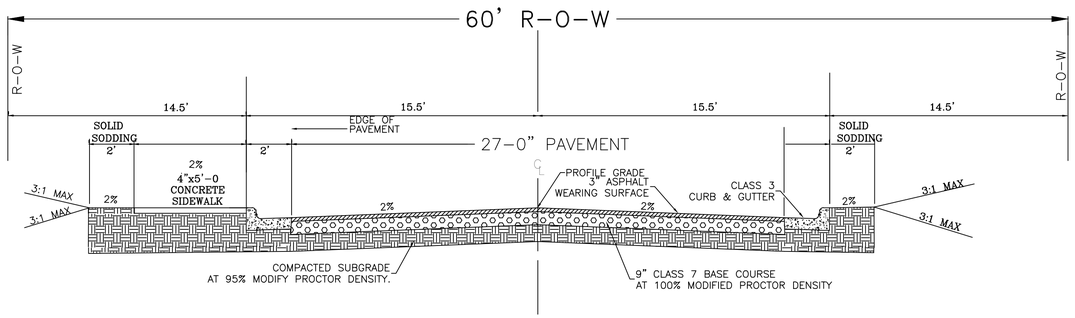
90% Submittal

CITY OF LITTLE ROCK, ARKANSAS
GAMBLE ROAD IMPROVEMENTS

LEGEND

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

DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	11/25/2019
SCALE	Value
PROJECT NO.	CLR # 5-17-ST-224B
SHEET NO.	C2



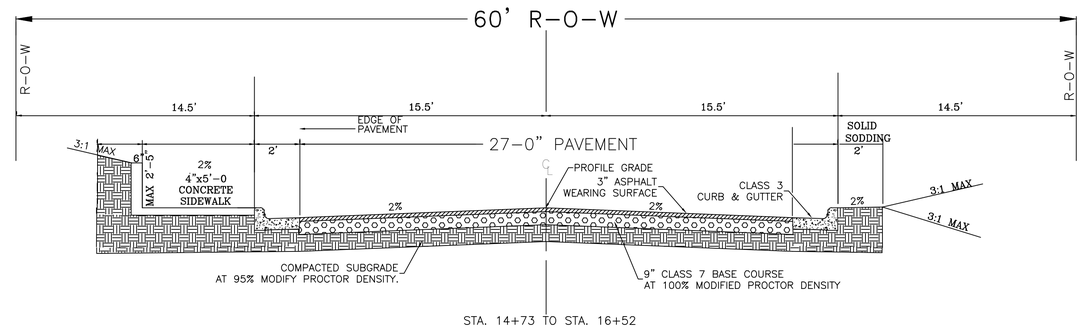
GENERAL NOTES

1. IN AREAS TO RECEIVE BITUMINOUS PAVING, CONCRETE DRIVEWAYS, OR CURB AND GUTTER, SUBGRADE SHALL BE COMPACTED TO A DENSITY NOT LESS THAN 95% OF MAXIMUM DENSITY OBTAINED AT OPTIMUM MOISTURE CONTENT. (AASHTO T-180)

2. FOR AREAS OF SUBGRADE PREPARATION TO RECEIVE CONCRETE SIDEWALKS, SUBGRADE SHALL BE COMPACTED TO A DENSITY OF 90% MAXIMUM.(AASHTO T-180).

3. CRUSHED STONE- MATERIAL IN EACH COURSE SHALL BE COMPACTED TO A DENSITY OF 100% MAXIMUM (AASHTO T-191).

4. CENTERLINE PROFILE WILL REQUIRE HEIGHT GREATER THAN CURB FOR SOME STREETS TO MAINTAIN 2% MINIMUM CROSS-SLOPE.



GENERAL NOTES

1. IN AREAS TO RECEIVE BITUMINOUS PAVING, CONCRETE DRIVEWAYS, OR CURB AND GUTTER, SUBGRADE SHALL BE COMPACTED TO A DENSITY NOT LESS THAN 95% OF MAXIMUM DENSITY OBTAINED AT OPTIMUM MOISTURE CONTENT. (AASHTO T-180)

2. FOR AREAS OF SUBGRADE PREPARATION TO RECEIVE CONCRETE SIDEWALKS, SUBGRADE SHALL BE COMPACTED TO A DENSITY OF 90% MAXIMUM.(AASHTO T-180).

3. CRUSHED STONE- MATERIAL IN EACH COURSE SHALL BE COMPACTED TO A DENSITY OF 100% MAXIMUM (AASHTO T-191).

4. CENTERLINE PROFILE WILL REQUIRE HEIGHT GREATER THAN CURB FOR SOME STREETS TO MAINTAIN 2% MINIMUM CROSS-SLOPE.

REVISIONS	DATE

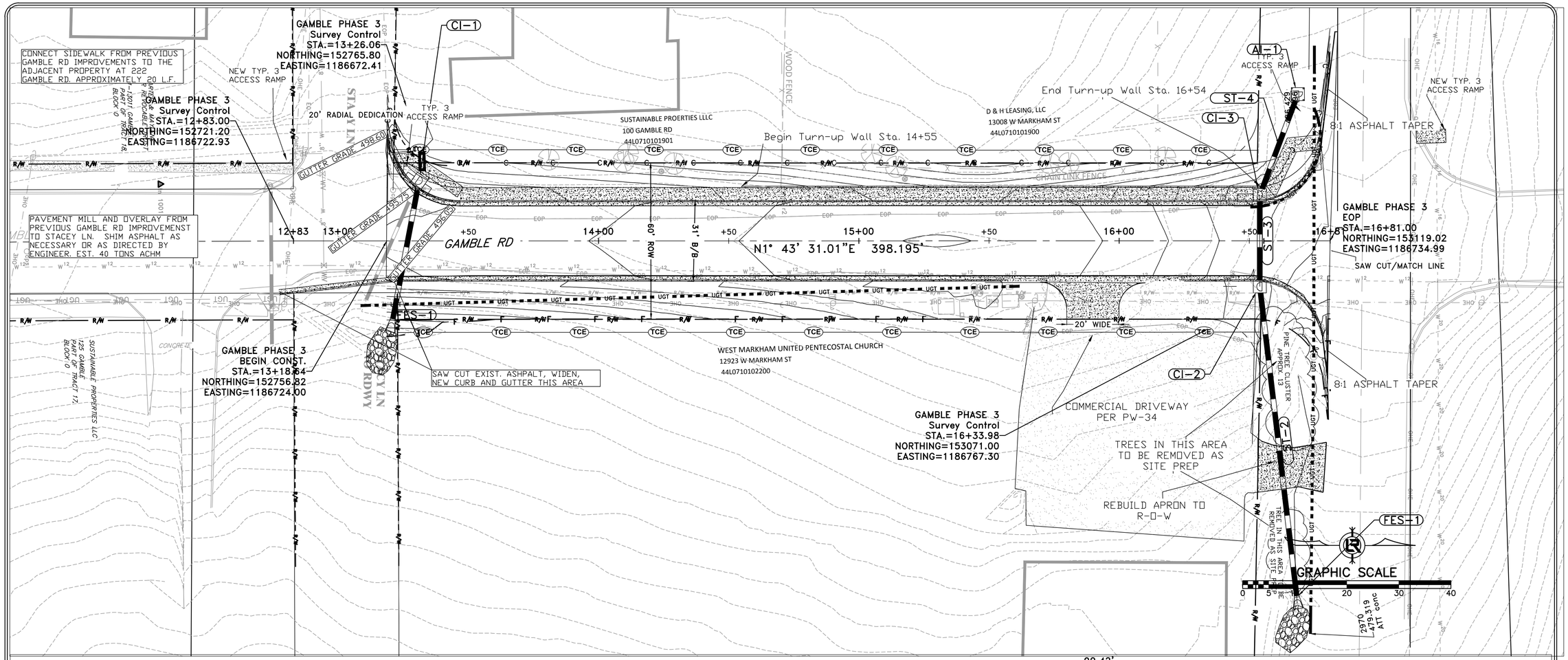
90% Submittal

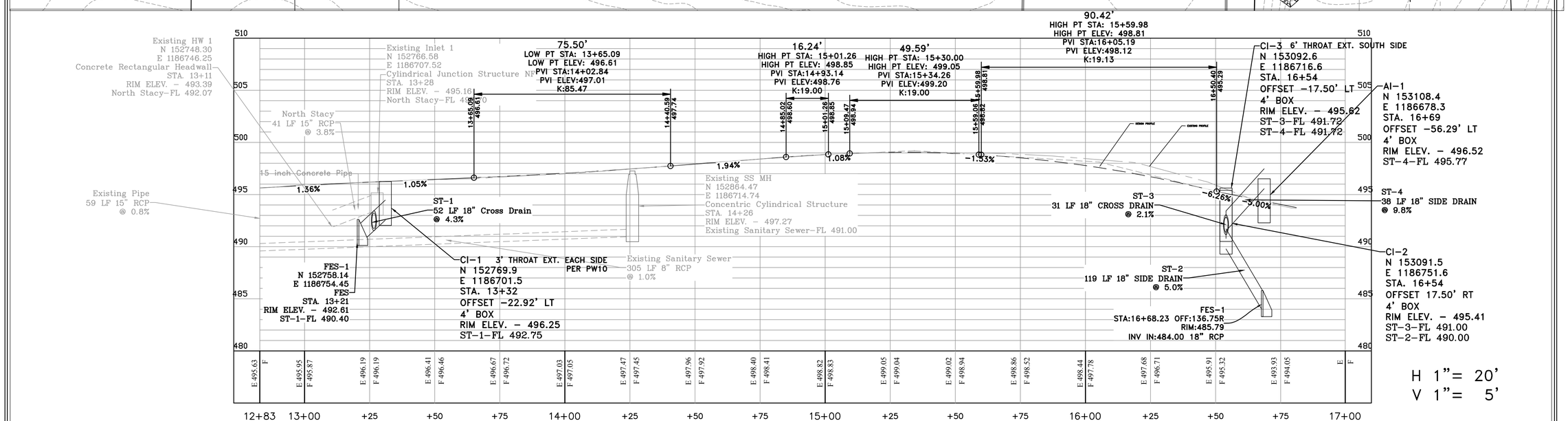
CITY OF LITTLE ROCK, ARKANSAS
GAMBLE ROAD IMPROVEMENTS

TYPICAL SECTIONS

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

DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	11/25/2019
SCALE	Value
PROJECT NO.	CLR # 5-17-ST-224B
SHEET NO.	C3





GAMBLE PHASE 3 PROFILE

REVISIONS	DATE
ATT LOCATE	8-26-19

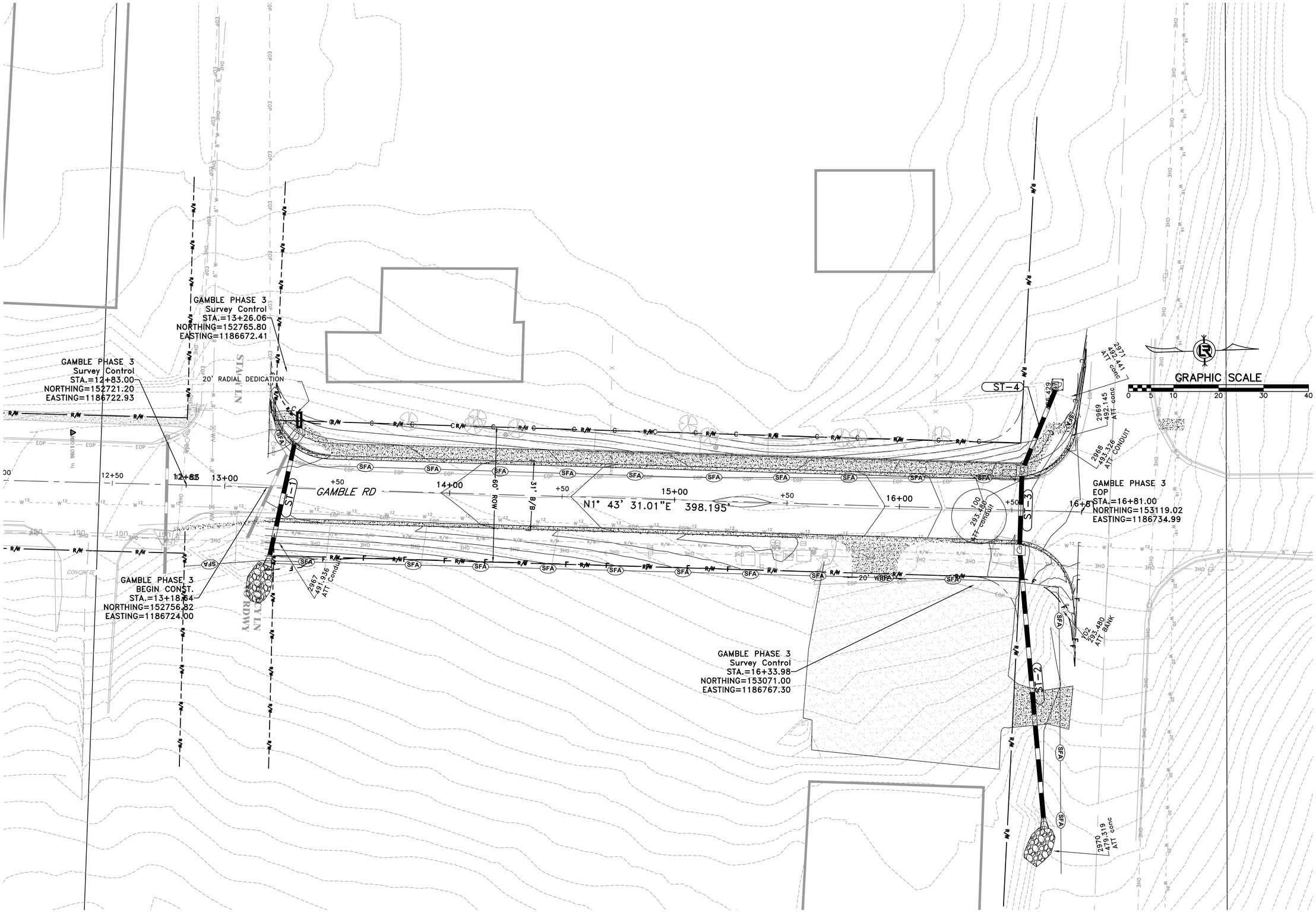
90% Submittal

CITY OF LITTLE ROCK, ARKANSAS
GAMBLE ROAD IMPROVEMENTS

PLAN - PROFILE

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

DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	11/25/2019
SCALE	1" = 20'_XREF
PROJECT NO.	CLR # 5-17-ST-224B
SHEET NO.	C4



REVISIONS	DATE

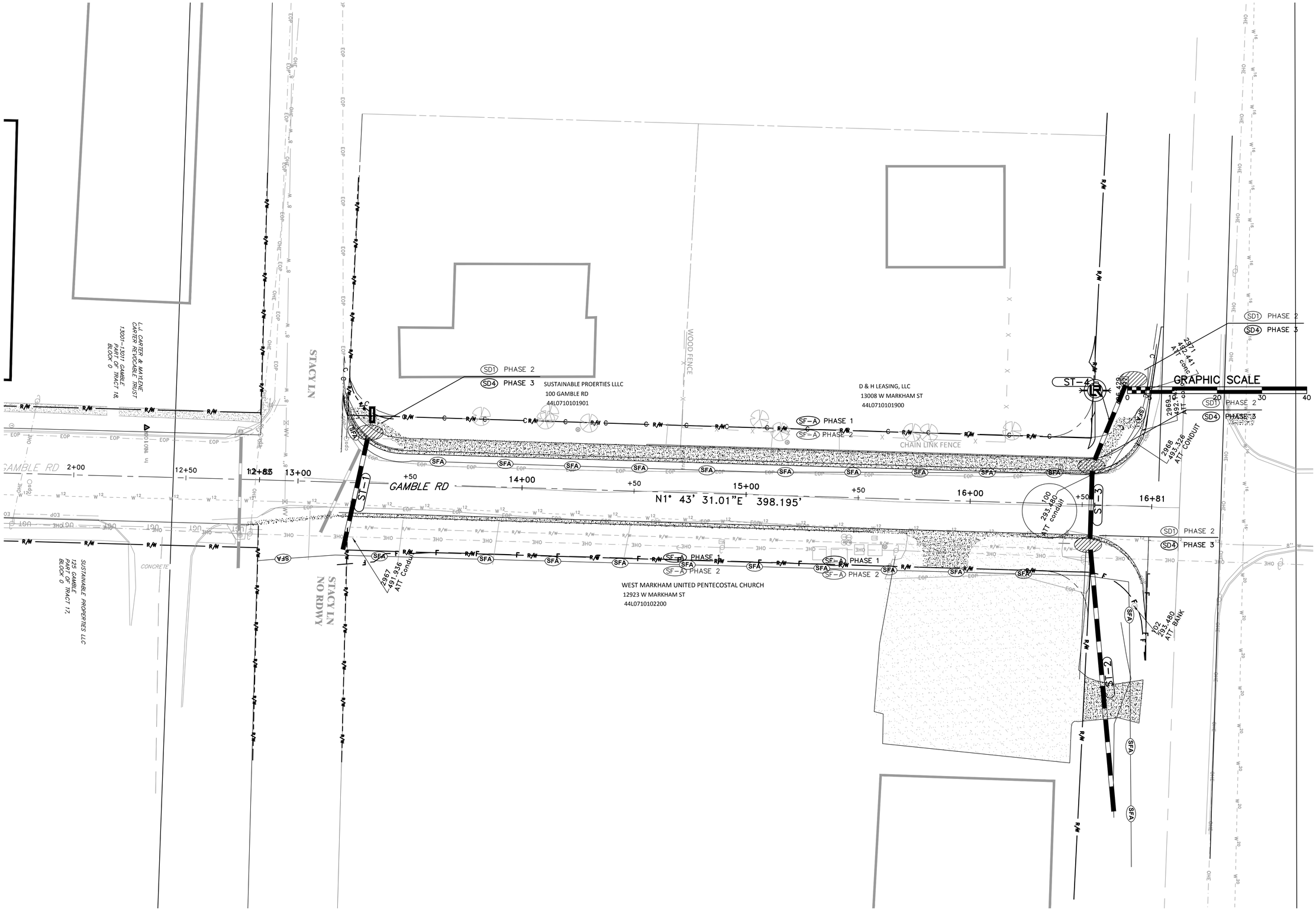
90% Submittal

CITY OF LITTLE ROCK, ARKANSAS
GAMBLE ROAD IMPROVEMENTS

SURVEY CONTROL

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

DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	11/25/2019
SCALE	1" = 20'_XREF
PROJECT NO.	CLR # 5-17-ST-224B
SHEET NO.	C5



REVISIONS	DATE

90% SUBMITTAL

CITY OF LITTLE ROCK, ARKANSAS

GAMBLE ROAD IMPROVEMENTS

EROSION CONTROL

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

DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	11/25/2019
SCALE	1" = 20'_XREF
PROJECT NO.	5-17-ST-224B
SHEET NO.	C6

REVISIONS	DATE

90% SUBMITTAL

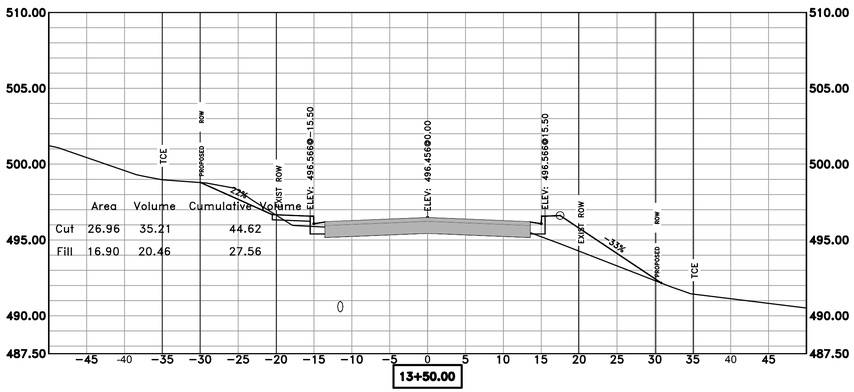
CITY OF LITTLE ROCK, ARKANSAS

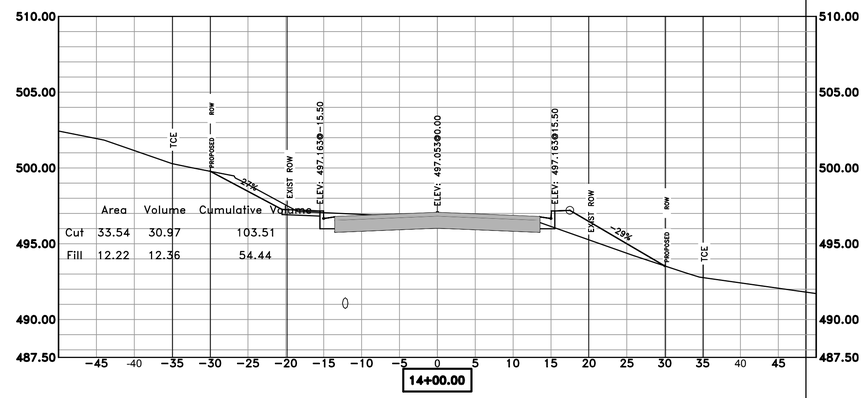
GAMBLE ROAD IMPROVEMENTS

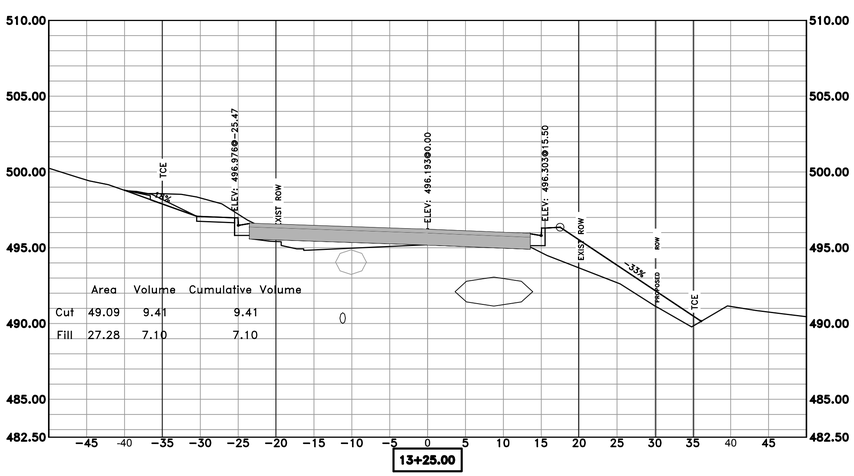
DRIVEWAYS

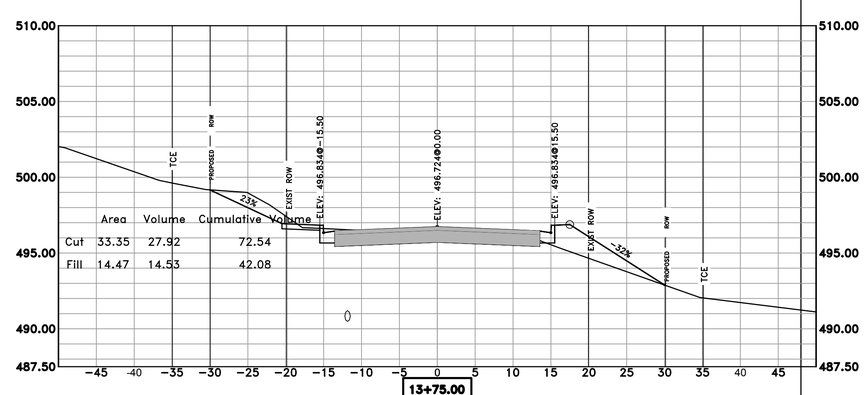
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	11/25/2019
SCALE	
PROJECT NO.	5-17-ST-224B
SHEET NO.	C7









SCALE:
1"= 5'V
1"= 10'H

REVISIONS	DATE

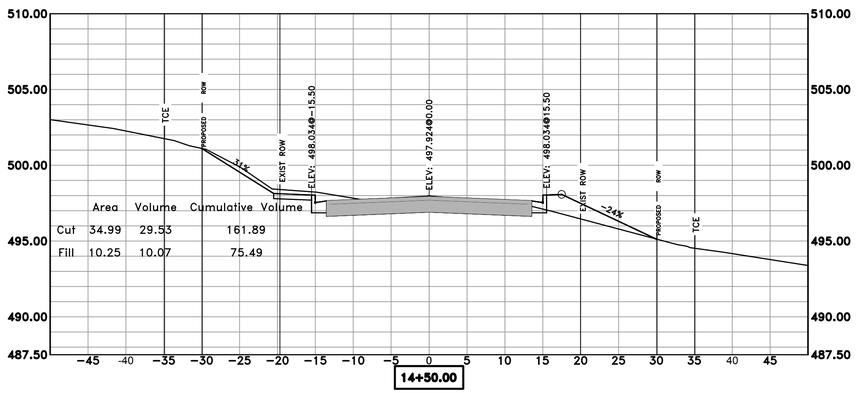
90% SUBMITTAL

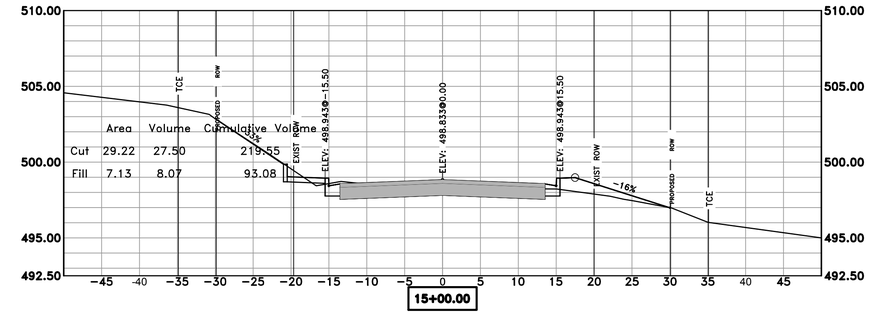
CITY OF LITTLE ROCK, ARKANSAS
GAMBLE ROAD IMPROVEMENTS

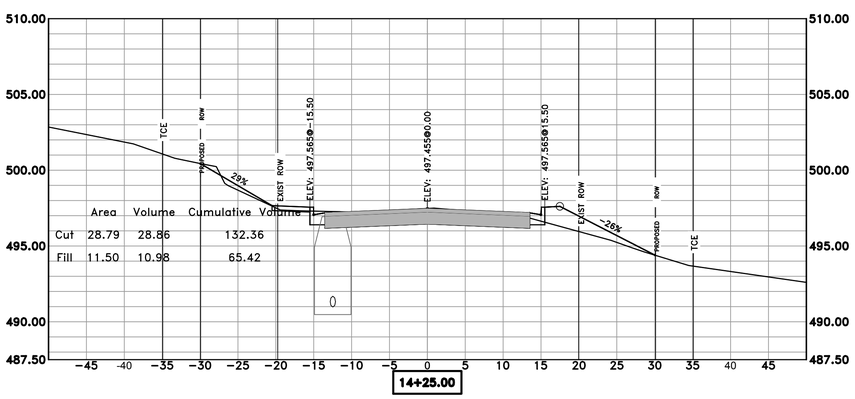
X-SECTIONS 1

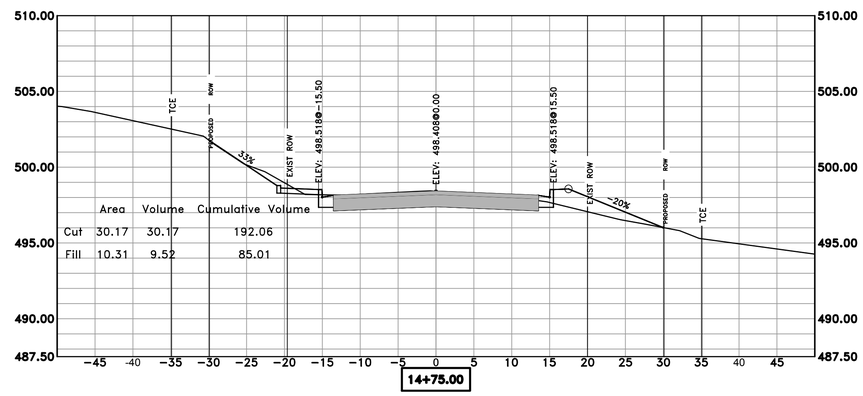
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	11/25/2019
SCALE	AS NOTED
PROJECT NO.	5-17-ST-224B
SHEET NO.	C8









SCALE:
1"= 5'V
1"= 10'H

REVISIONS	DATE

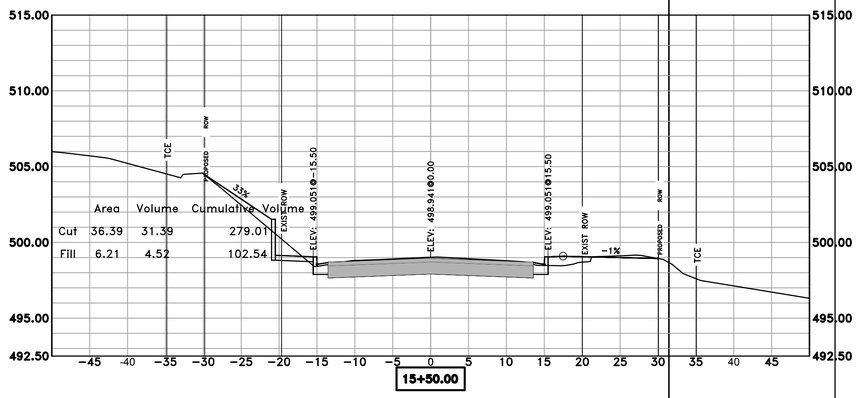
90% SUBMITTAL

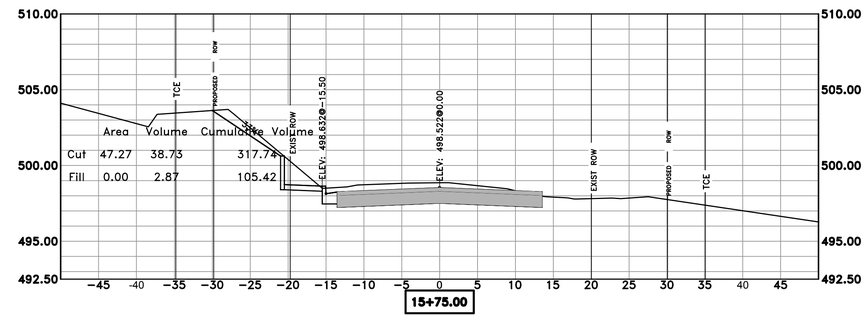
CITY OF LITTLE ROCK, ARKANSAS
GAMBLE ROAD IMPROVEMENTS

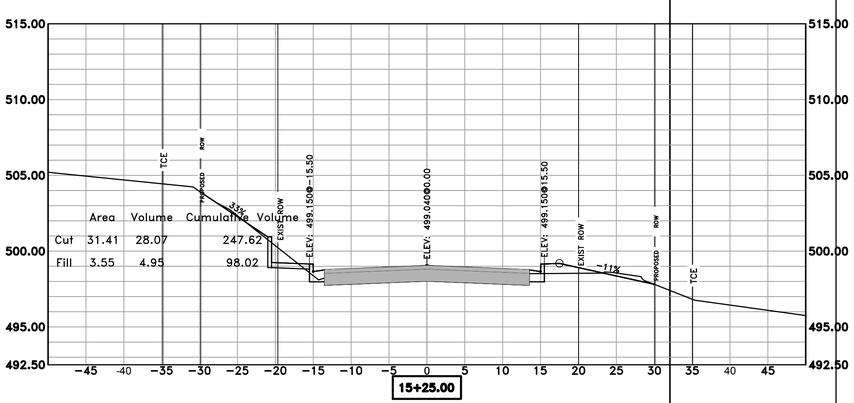
X-SECTIONS 2

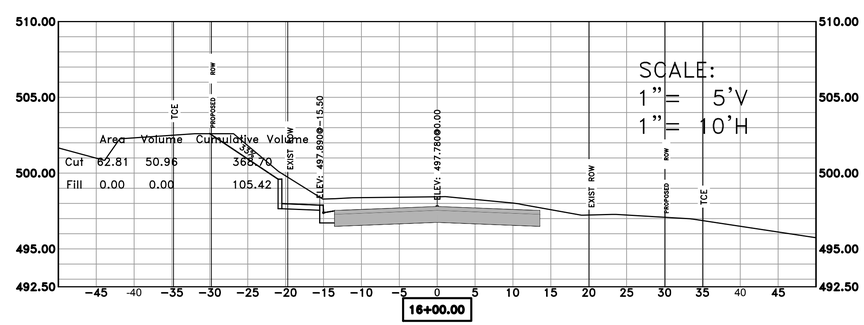
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	11/25/2019
SCALE	AS NOTED
PROJECT NO.	5-17-ST-224B
SHEET NO.	C9









REVISIONS	DATE

90% SUBMITTAL

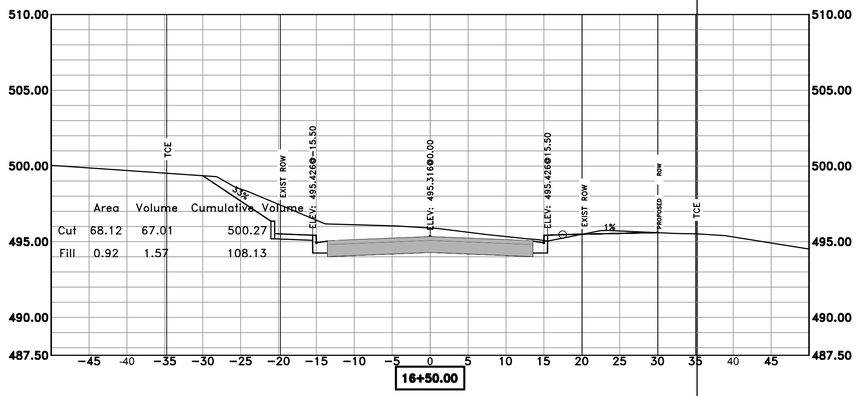
CITY OF LITTLE ROCK, ARKANSAS

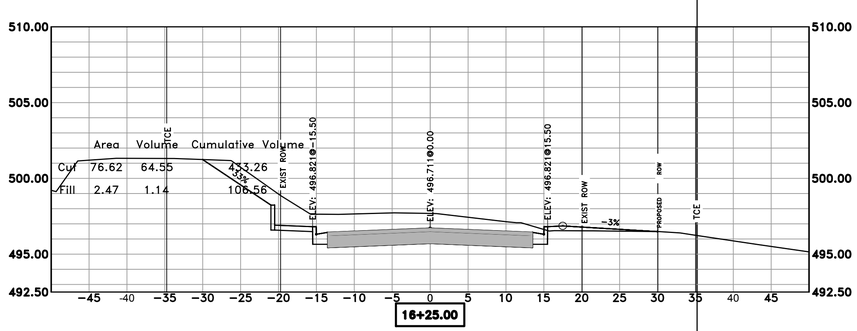
GAMBLE ROAD IMPROVEMENTS

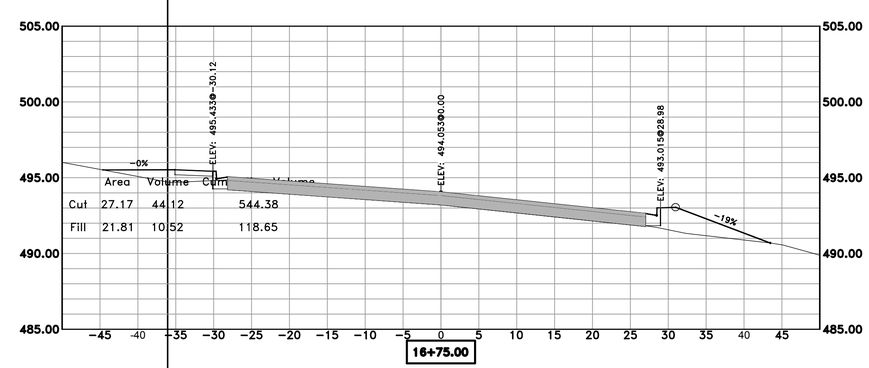
X-SECTIONS 3

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

DRAWN BY	ZR
DESIGNED	RH
CHECKED	RH
DATE	11/25/2019
SCALE	AS NOTED
PROJECT NO.	5-17-ST-224B
SHEET NO.	C10







SCALE:
1"= 5'V
1"= 10'H

REVISIONS	DATE

90% SUBMITTAL

CITY OF LITTLE ROCK, ARKANSAS

GAMBLE ROAD 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	11/25/2019
SCALE	AS NOTED
PROJECT NO.	5-17-ST-224B
SHEET NO.	C11