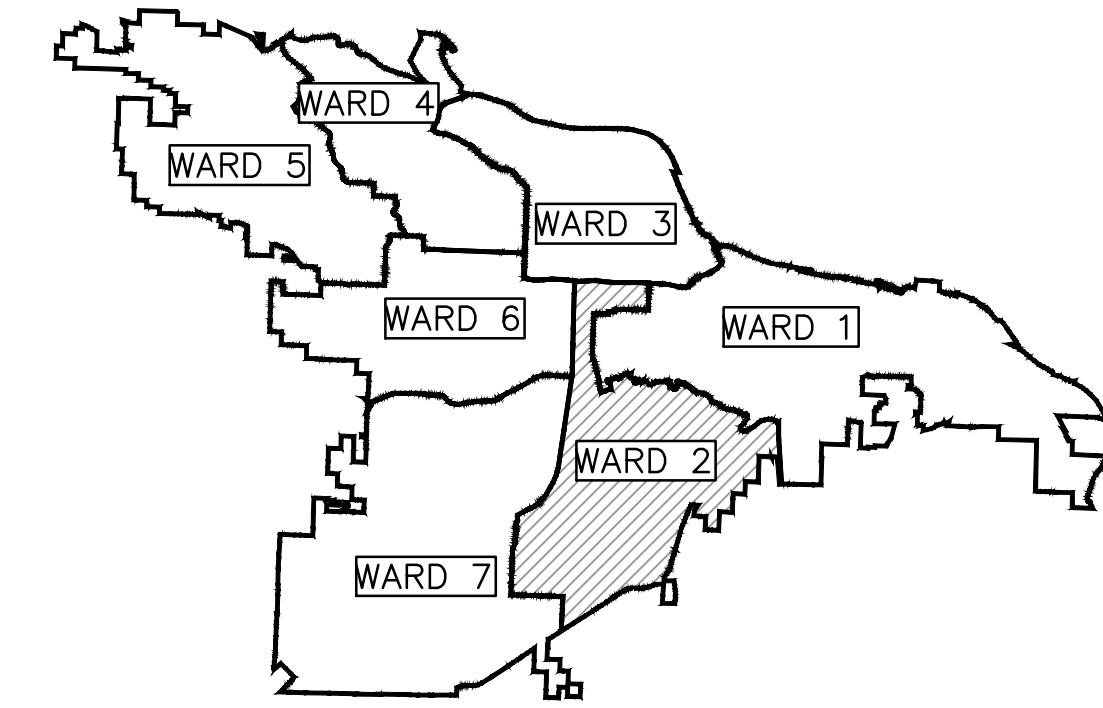


MADISON STREET RECONSTRUCTION

W 12th ST TO W 10th ST

CLR PROJECT #02-17-ST-79

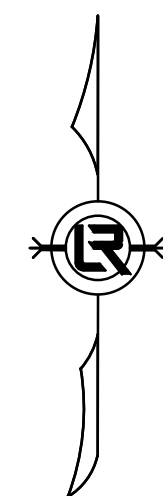


PROJECT LOCATION – WARD 2

PROJECT
LOCATION



SHEET NO.	TITLE
C0	COVER SHEET
C1	LEGEND AND QUANTITIES
C2	TYPICAL SECTIONS
C3	EXISTING CONDITION
C4	PLAN AND PROFILE - I
C5	PLAN AND PROFILE- II
C6	CROSS SECTIONS - I
C7	CROSS SECTIONS - II
C8	CROSS SECTIONS - III
C9	SURVEY CONTROL PLAN
C10	EROSION CONTROL PLAN - PHASE 1
C11	EROSION CONTROL PLAN - PHASE 2 AND 3
C12	MAINTENANCE OF TRAFFIC PLAN



2019-2021
BOND PROGRAM

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



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GarNat Engineering, LLC

P.O. Box 116 (72018)
2909 Military Road
Benton, AR 72015

Ph (501) 408-4650
Fx (888) 900-3068
garnatengineering@gmail.com

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CITY OF LITTLE ROCK, ARKANSAS
MADISON STREET RECONSTRUCTION

COVER SHEET
90% REVIEW SET

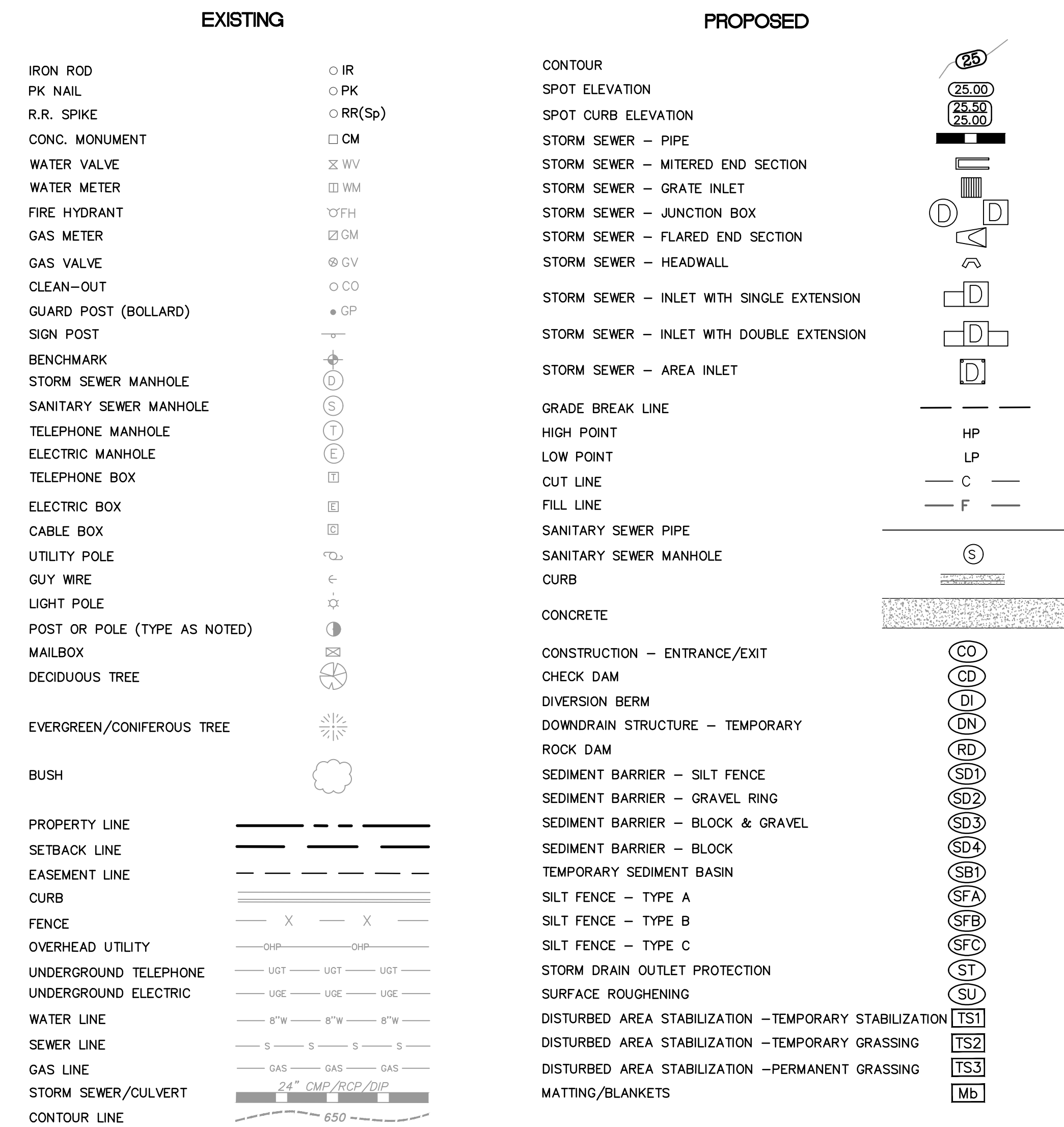
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701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



PRELIMINARY

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CHECKED VJW
DATE 06-22-2019
SCALE N.T.S.
PROJECT NO. 02-17-ST-79
SHEET NO. C0

CLR PROJECT 02-17-ST-79			
MADISON STREET IMPROVEMENTS-90% QUANTITIES			
22-Jun-2019			
ITEM#	DESCRIPTION	UNIT	QUANTITY
2.01	SITE PREPARATION	LS	1
3.01	UNCLASSIFIED EXCAVATION	CY	230
3.06	BORROW MATERIAL	CY	230
3.40	TOP SOIL	CY	100
4.01	AGGREGATE BASE COURSE	TON	65
5.01	TACK COAT	GAL	200
6.10	ACHM SURFACE COURSE (TYPE 2)	TON	320
7.06	CONCRETE DRIVEWAY AND APRON (6" THICK)	SF	3200
7.08	ALLEY TURNOUT (8" THICK)	SF	400
8.01	CONCRETE CURB AND GUTTER (CLASS 3)	LF	650
9.10	CONCRETE SIDEWALK	SF	3500
10.01	JUNCTION BOX	EA	1
10.05	CURB INLET 4' BOX	EA	5
10.07	WING 3' EXTENSION	EA	6
11.20	REINFORCED CONCRETE RETAINING WALL	CY	13
13.18	STORM DRAIN PIPE, 18" (SIDE DRAIN)	LF	317
13.18	STORM DRAIN PIPE, 18" (CROSS DRAIN)	LF	125
13.61	TIE INTO EXISTING BOX	EA	1
14.01	SOLID SOD, BERMUDA	SY	600
16.01	MAINTENANCE OF TRAFFIC	LS	1
17.10	CUT & REPAIR EXISTING STREET SURFACE (PW-25)	SY	70
18.50	ACCESS RAMP	SF	500
18.55	WATER FOR DUST CONTROL	GAL	20000
19.01	FINAL CLEANUP	LS	1
23.01	B STONE	TON	750
24.06	SEDIMENT BARRIER, SILT FENCE (SD1)	EA	5
24.09	SEDIMENT BARRIER, BLOCK (SD-4)	EA	7
24.12	SILT FENCE (TYPE A)	LF	650
26.10	TRENCH EXCAVATION & SAFETY	LS	1
27.03	COLD MILLING ASPHALT PAVING	SY	230
726.01	STANDARD SIGN	SF	12.5
729.01	CHANNEL POST SIGN SUPPORT (TYPE C)	EA	2



REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
MADISON STREET RECONSTRUCTION
LEGEND AND QUANTITIES
90% REVIEW SET

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DATE 06-22-2019
SCALE N.T.S.
PROJECT NO. 02-1-ST-79
SHEET NO. C1

REVISIONS	DATE

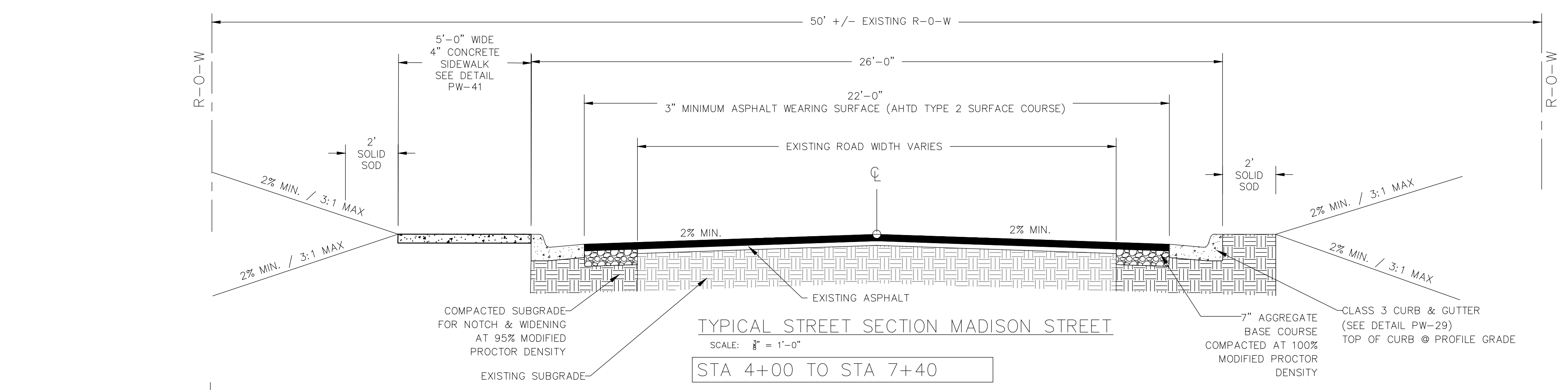
CITY OF LITTLE ROCK, ARKANSAS
MADISON STREET RECONSTRUCTION
 TYPICAL SECTIONS
 90% REVIEW SET

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

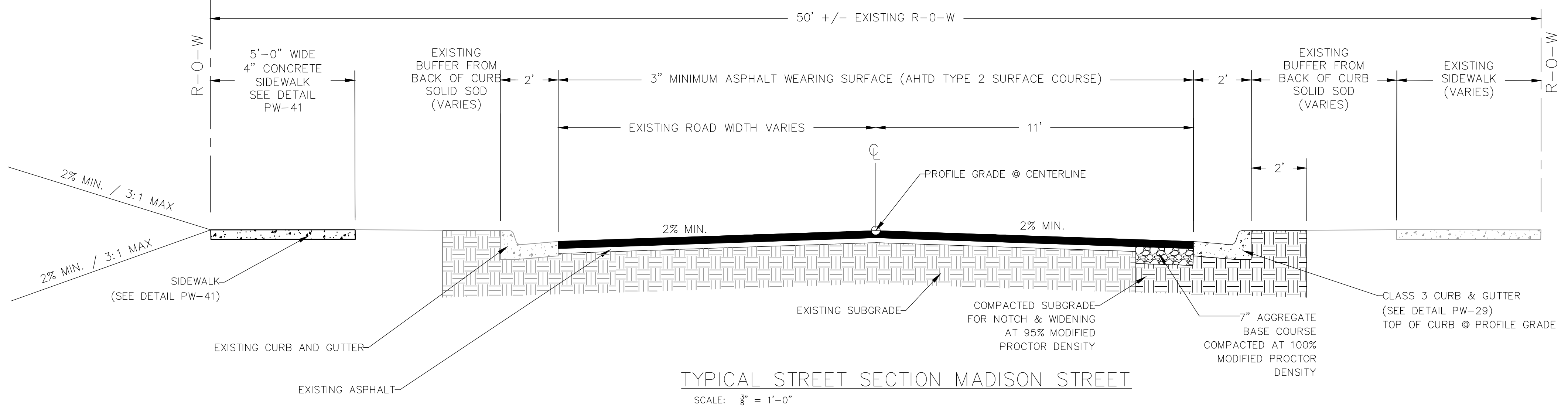


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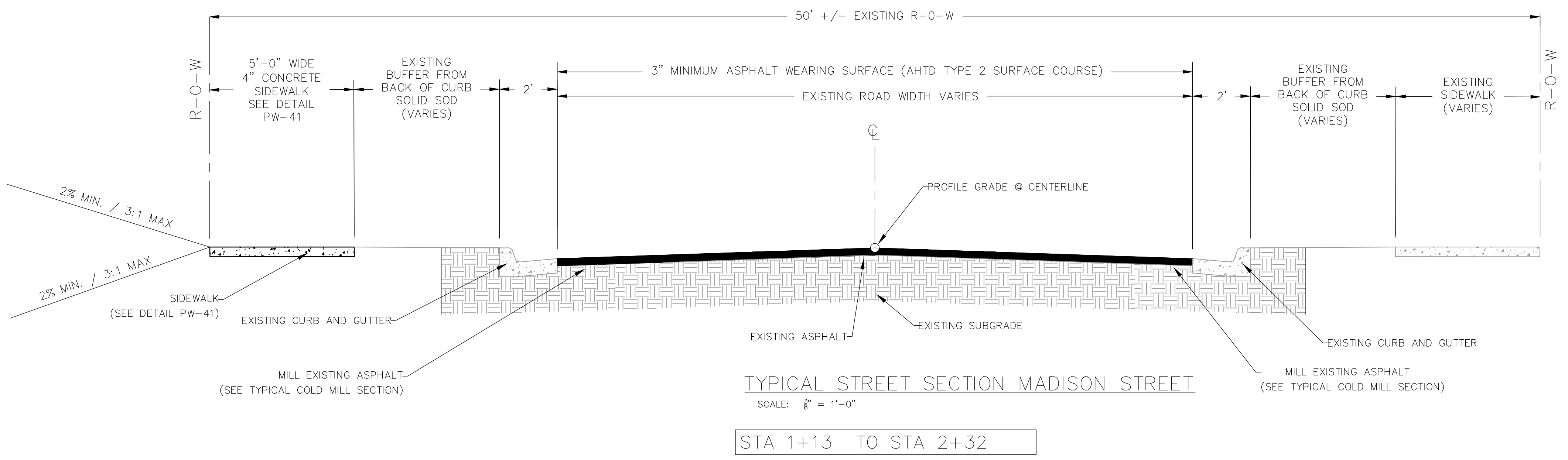
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VJW
DATE
06-22-2019
SCALE
N.T.S.
PROJECT NO.
02-17-ST-79
SHEET NO.
C2



TYPICAL STREET SECTION MADISON STREET
 SCALE: 1/8" = 1'-0"
 STA 4+00 TO STA 7+40

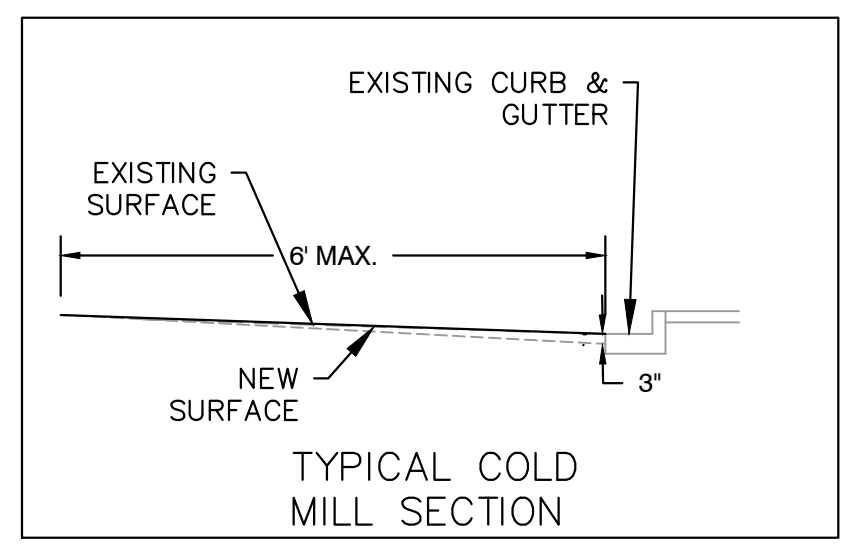
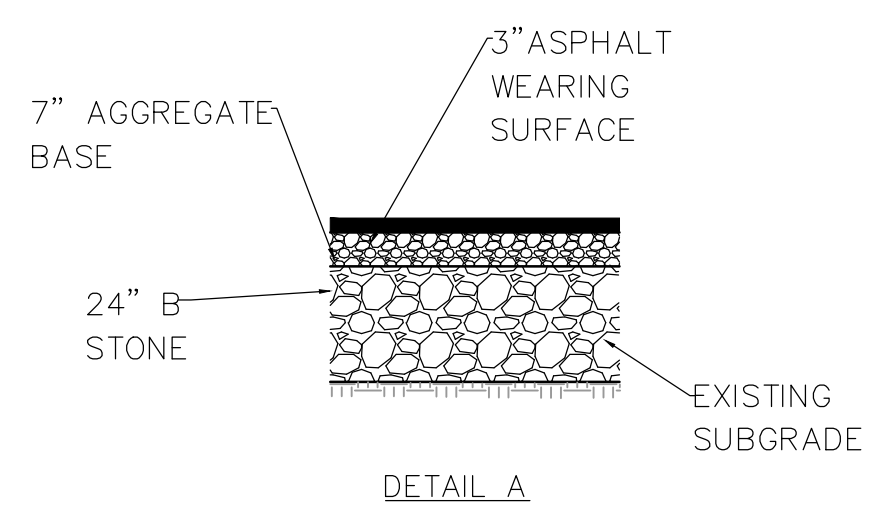


TYPICAL STREET SECTION MADISON STREET
 SCALE: 1/8" = 1'-0"
 STA 2+32 TO STA 4+00



TYPICAL STREET SECTION MADISON STREET
 SCALE: 1/8" = 1'-0"
 STA 1+13 TO STA 2+32

- GENERAL STREET CONSTRUCTION NOTES:
1. WORK ASSOCIATED WITH THIS DETAIL COMPLY WITH LITTLE ROCK PW-22 DETAIL.
 2. IF OR WHERE DIRECTED, UNDERCUT, EXCAVATE, AND RECONSTRUCT SUBGRADE WITH B-STONE PER DETAIL A AS DIRECTED BY ENGINEER TO REPAIR SUBGRADE FAILURES.



REVISIONS	DATE

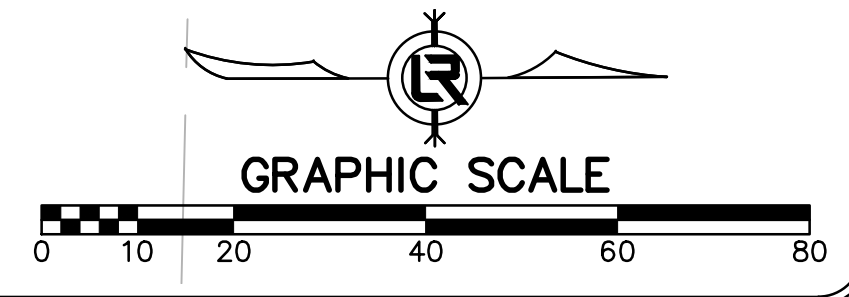
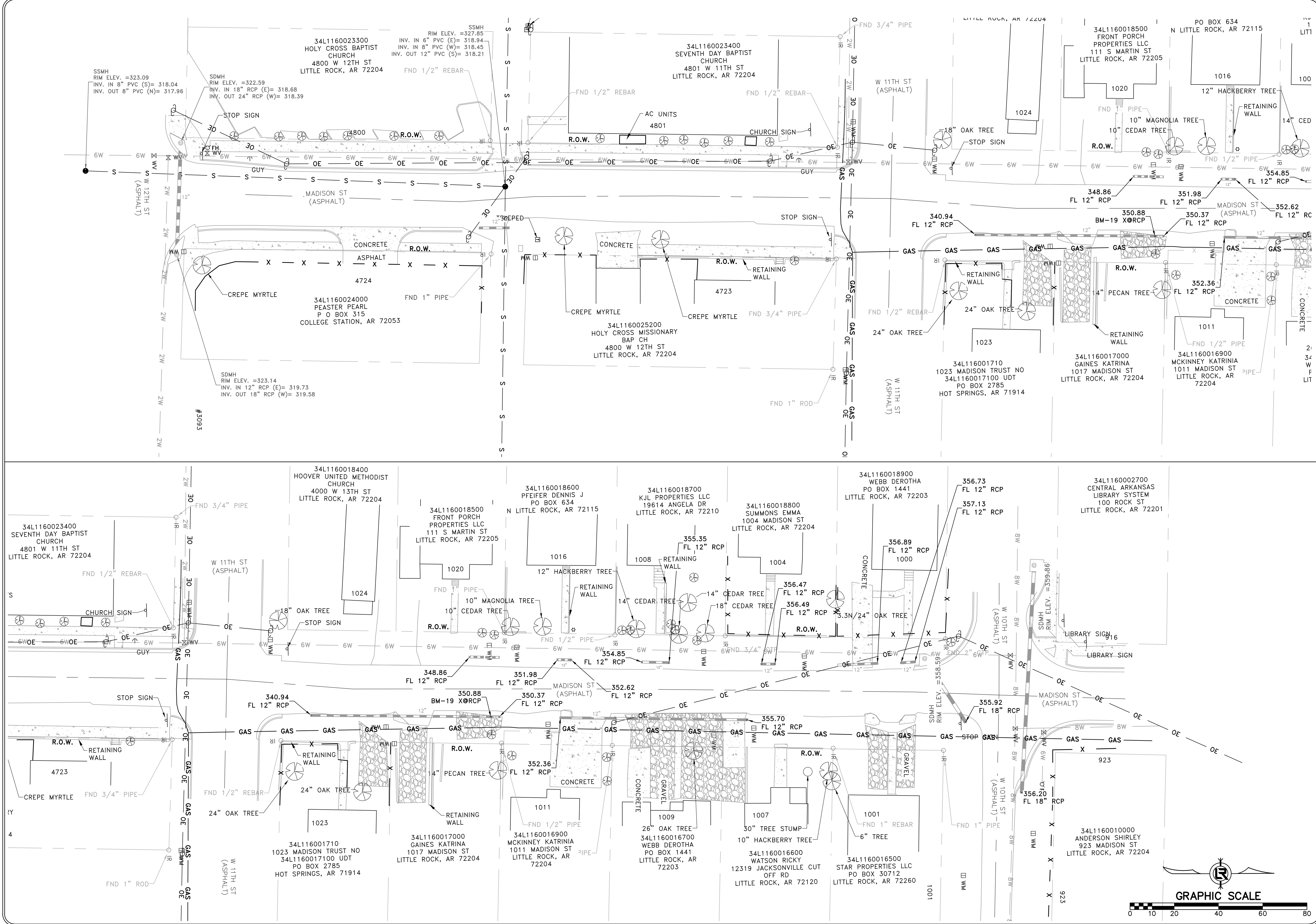
CITY OF LITTLE ROCK, ARKANSAS
MADISON STREET RECONSTRUCTION
 EXISTING CONDITION
 90% SUBMITTAL

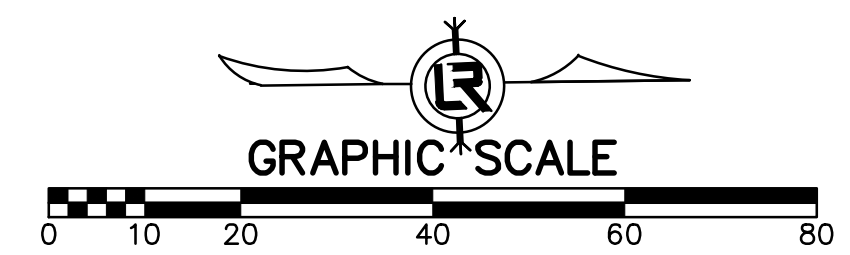
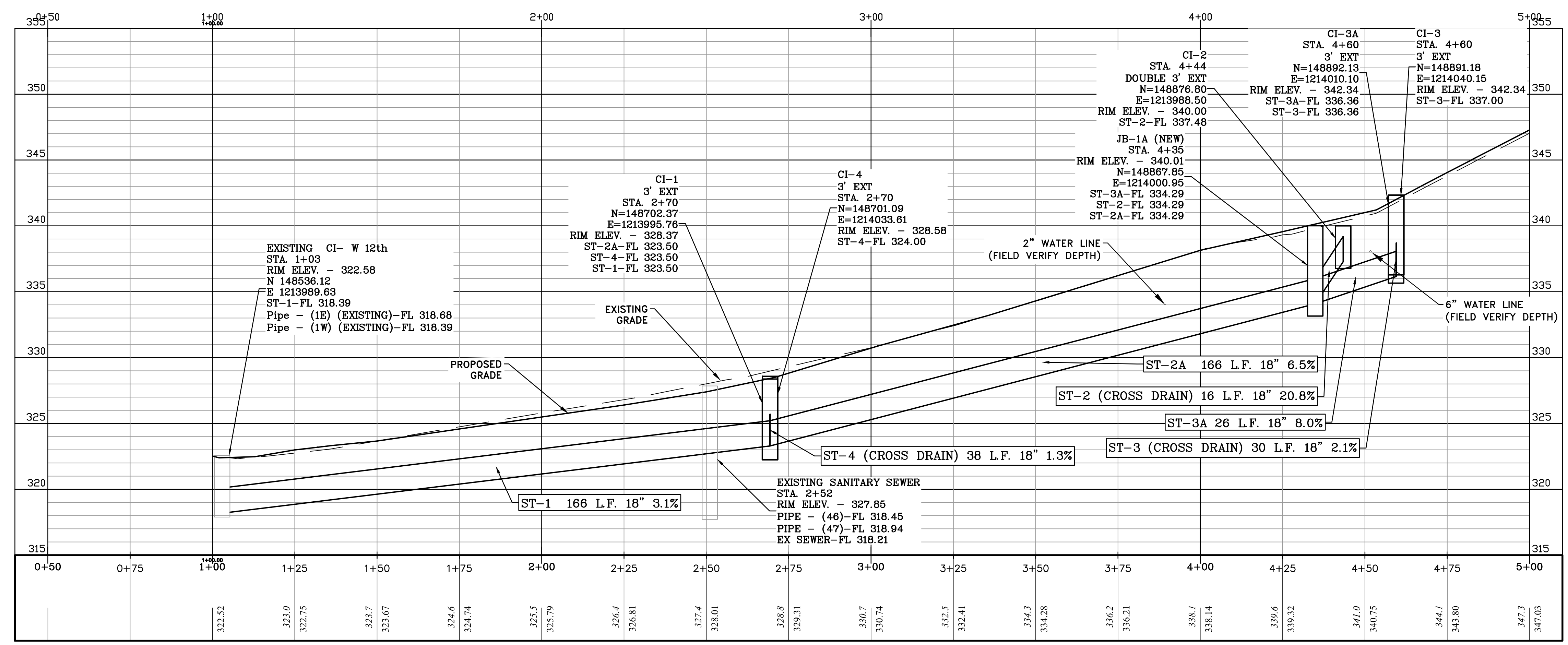
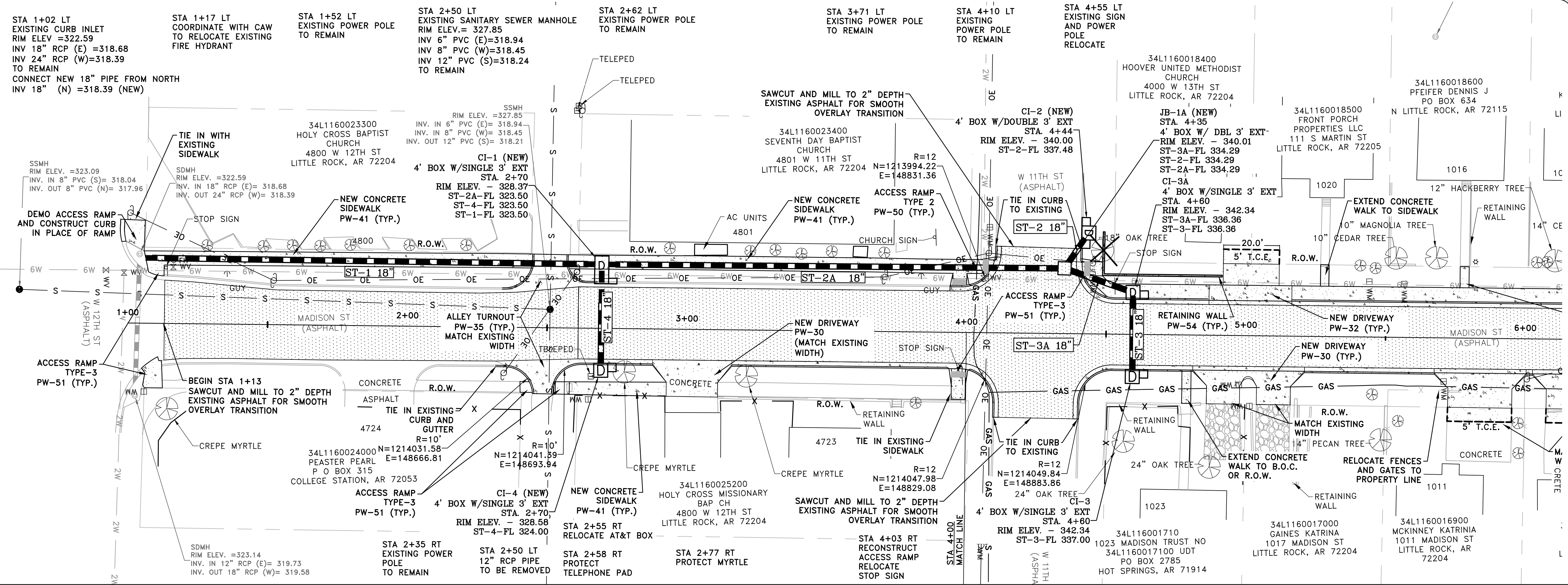
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 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201



PRELIMINARY

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 VJW
 DATE
 06-22-2019
 SCALE
 1"=20' (22X34)
 PROJECT NO.
 02-17-ST-79
 SHEET NO.
 C3





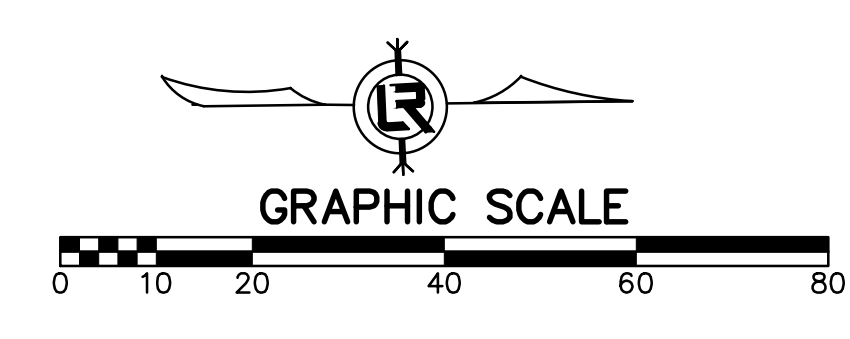
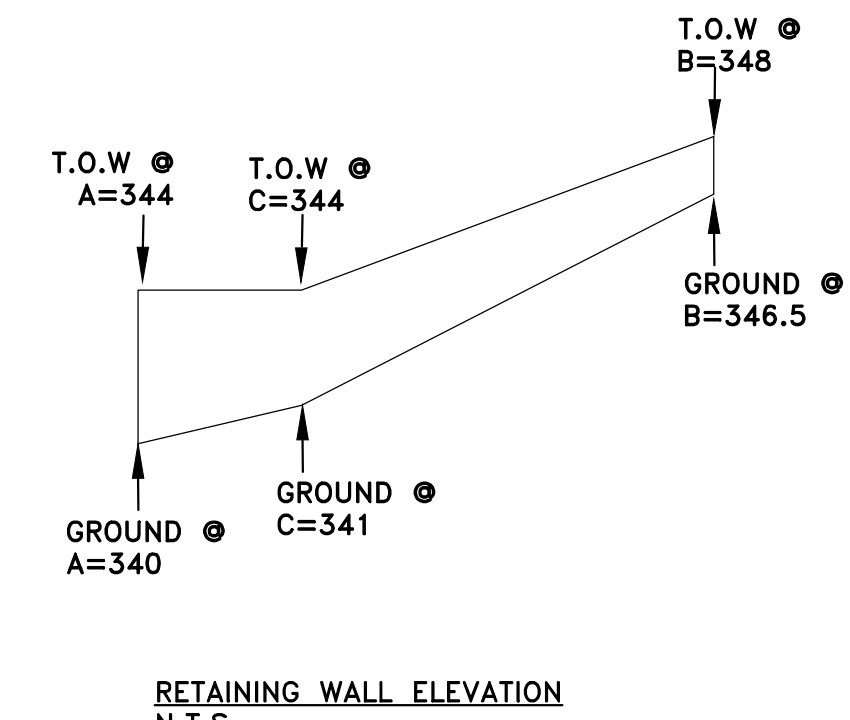
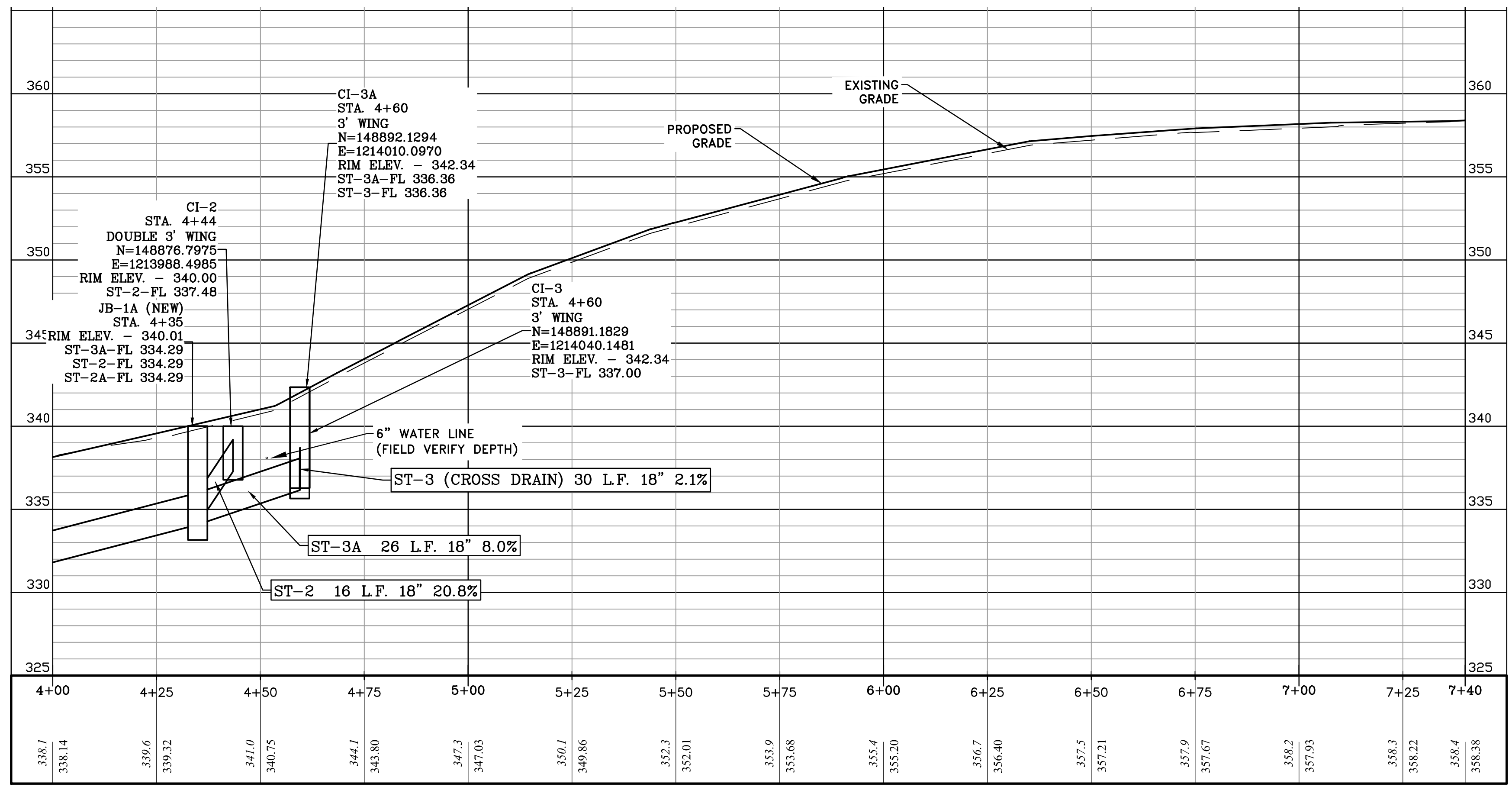
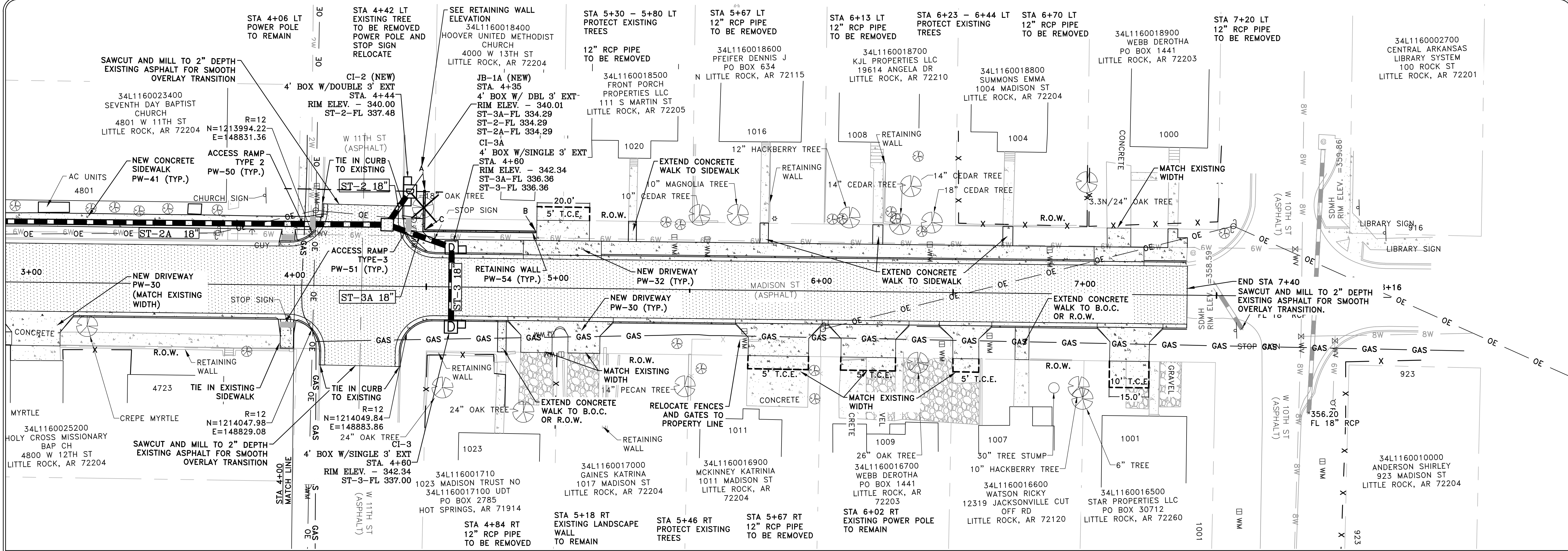
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
MADISON STREET RECONSTRUCTION
PLAN AND PROFILE - I
90% SUBMITTAL

DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
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06-22-2019
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1"=20' (22X34)
PROJECT NO.
02-17-ST-79
SHEET NO.
C4



REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
MADISON STREET RECONSTRUCTION
 PLAN AND PROFILE - II
 90% SUBMITTAL

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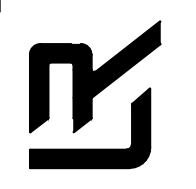
PRELIMINARY

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 DATE
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 SCALE
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 PROJECT NO.
 02-17-ST-79
 SHEET NO.
 C5

REVISIONS	DATE

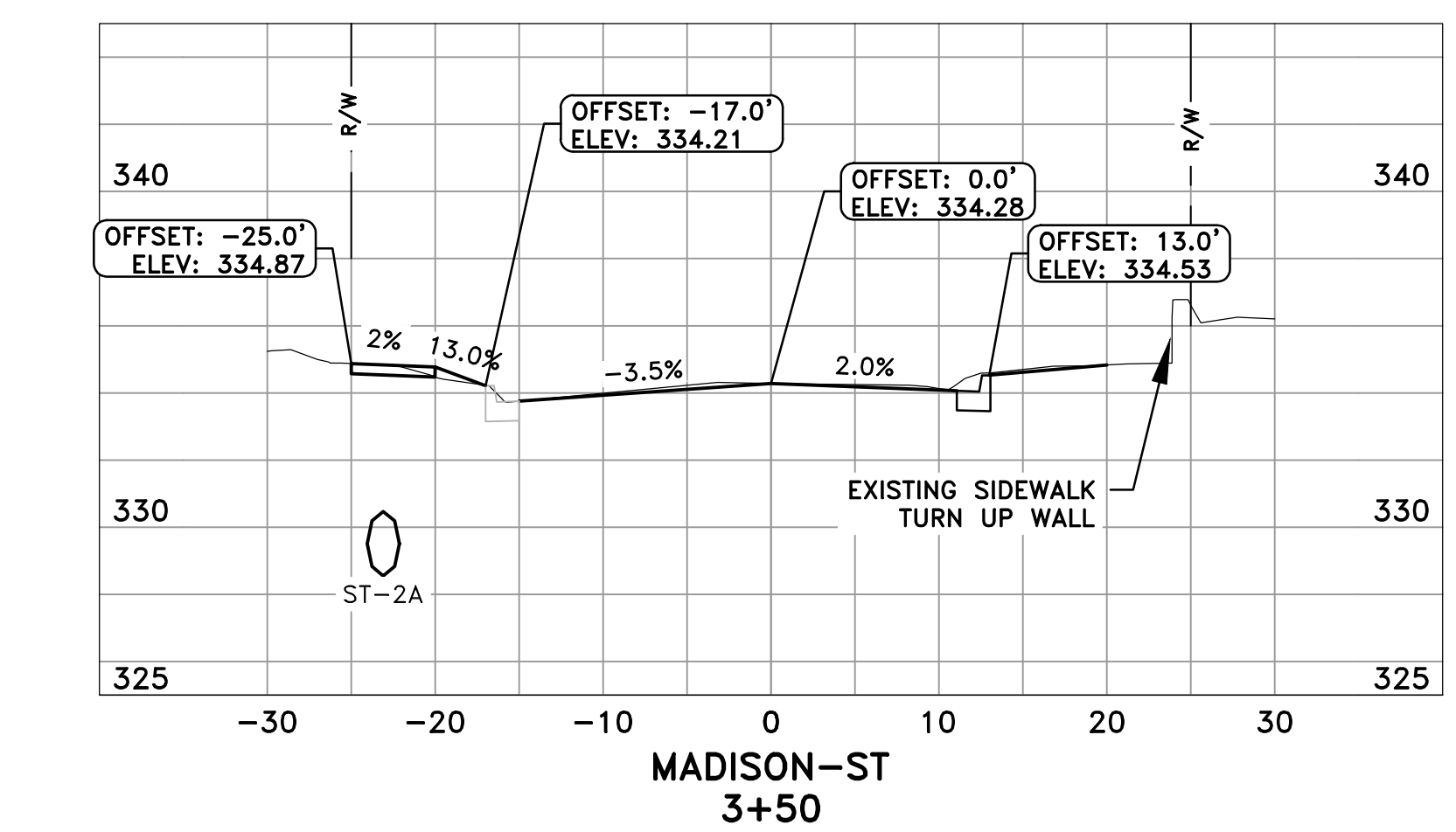
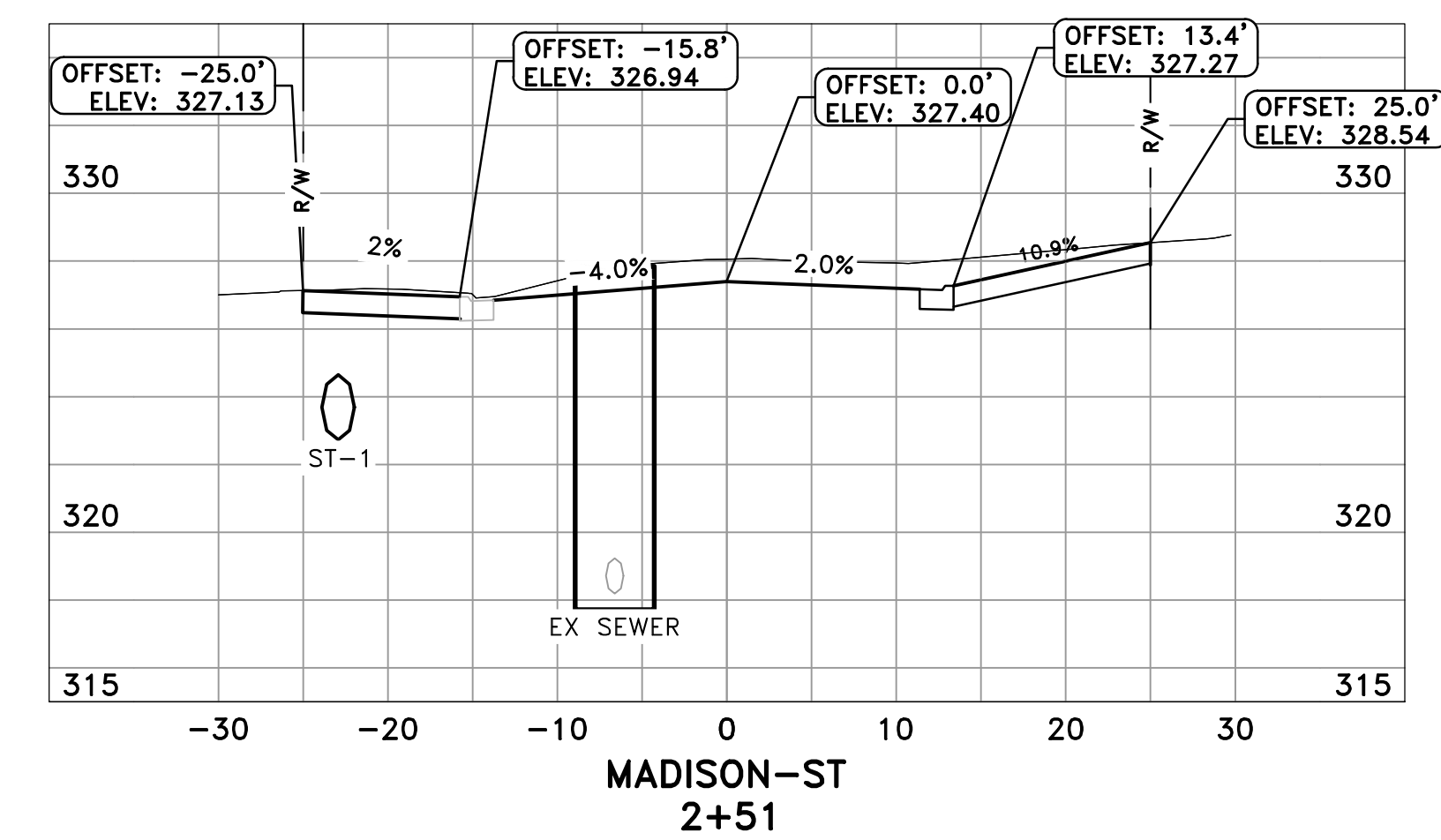
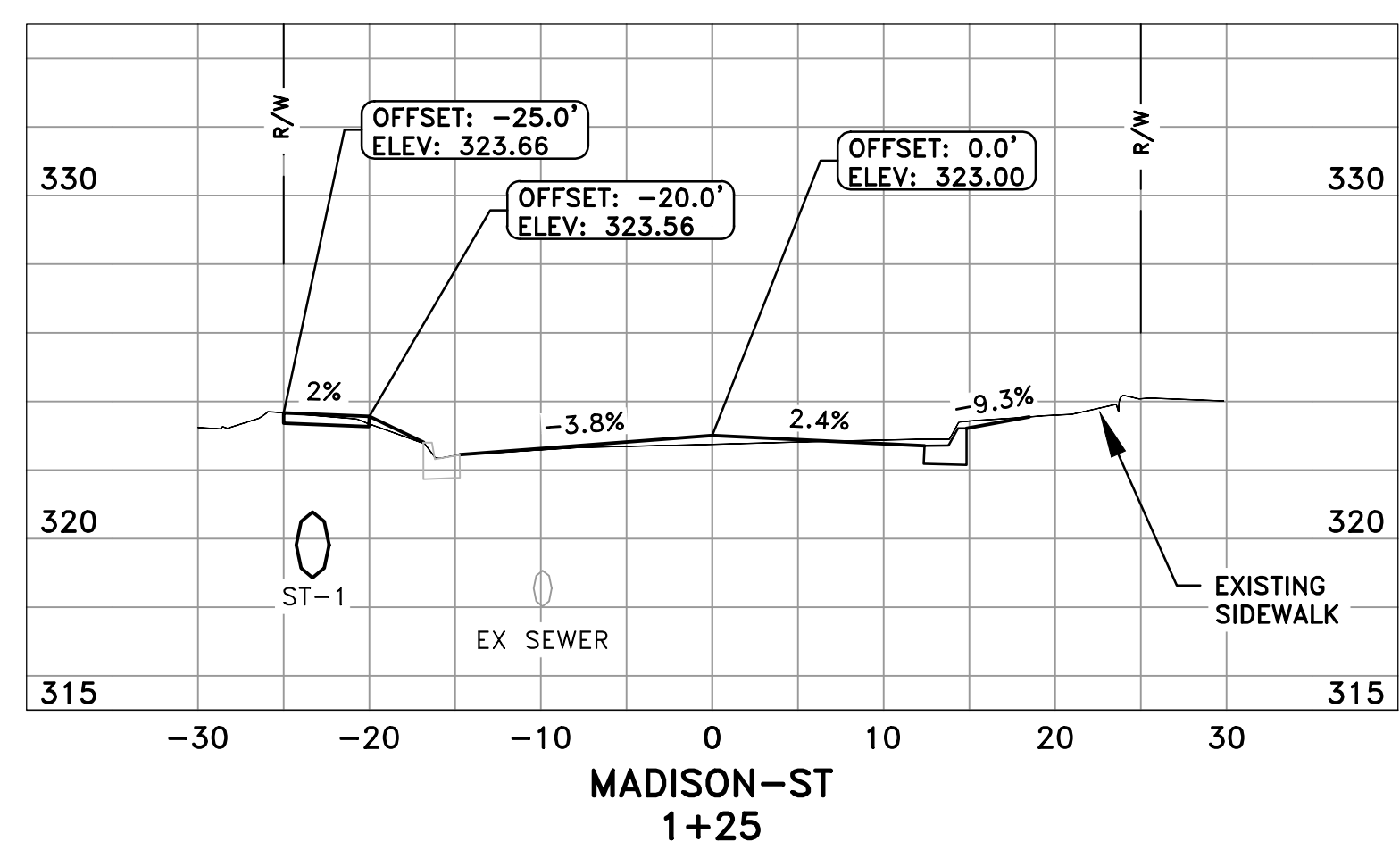
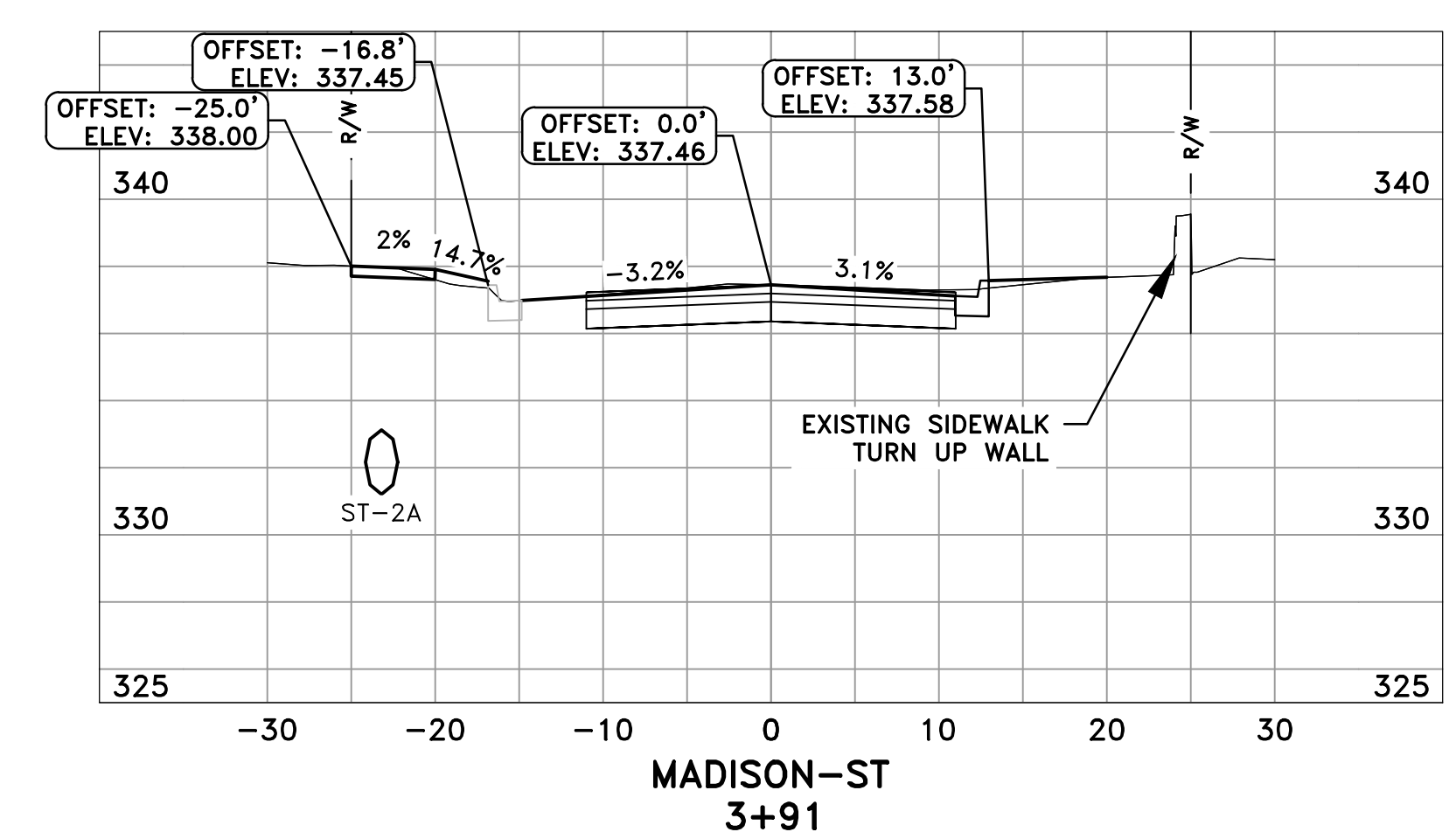
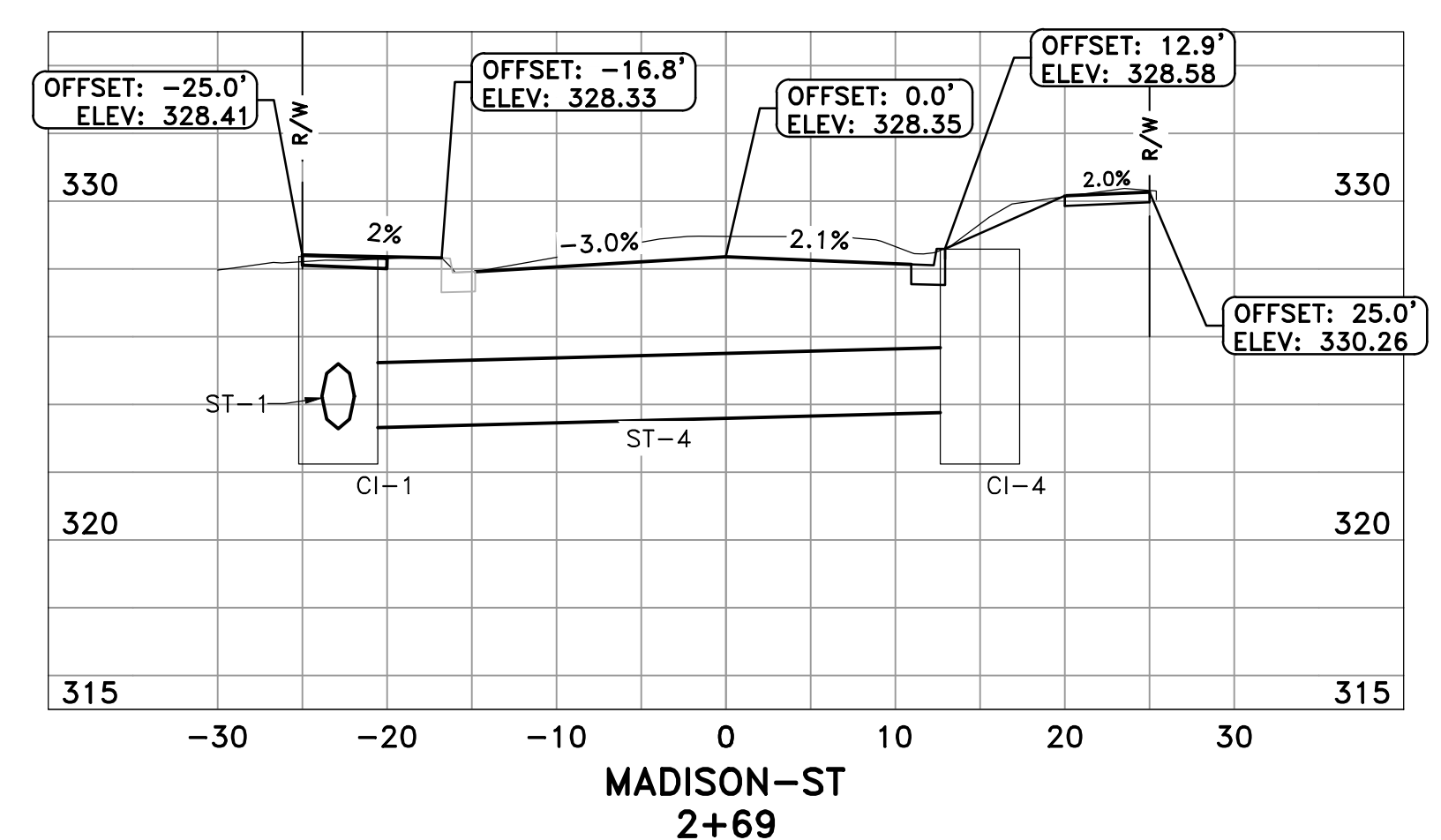
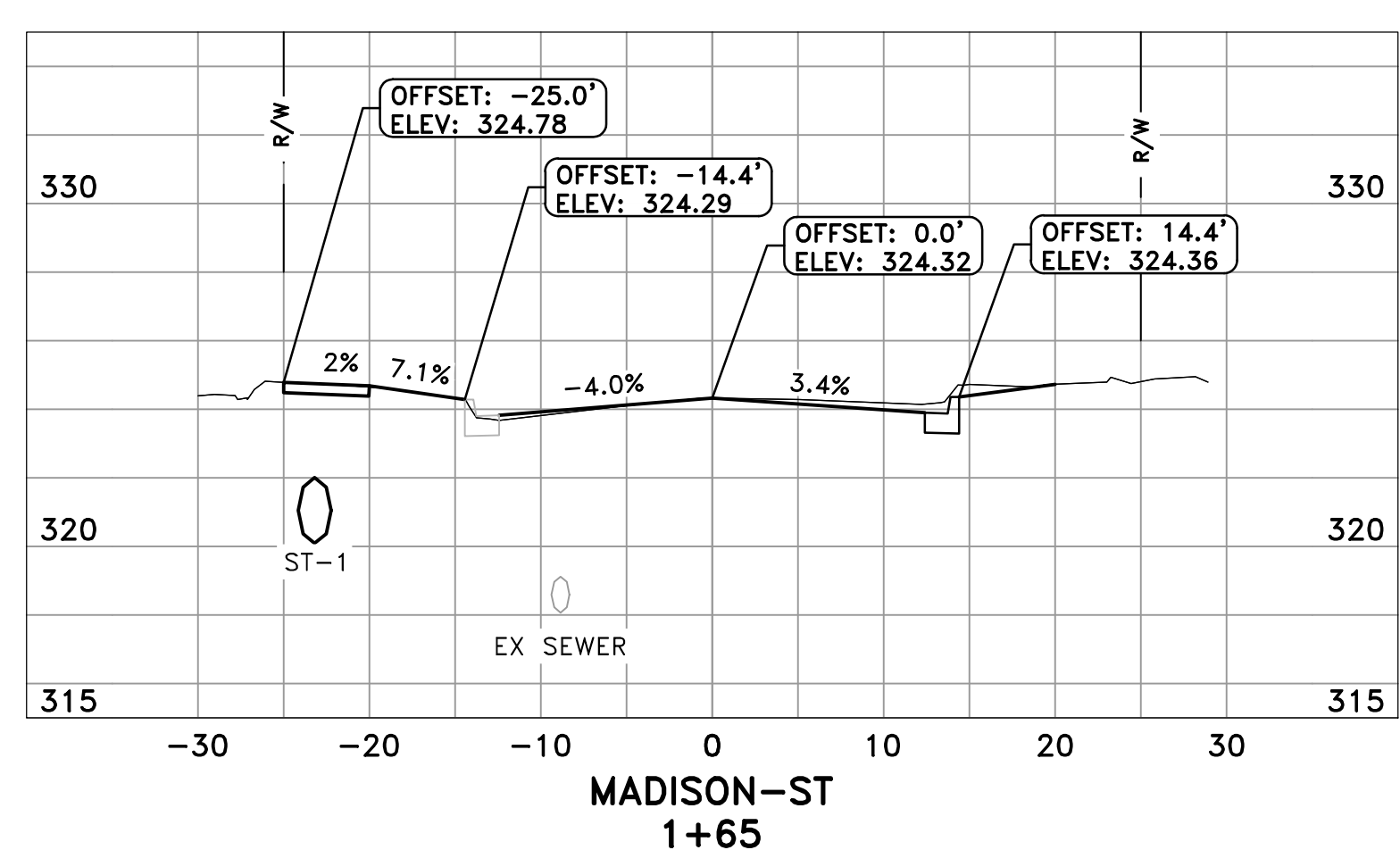
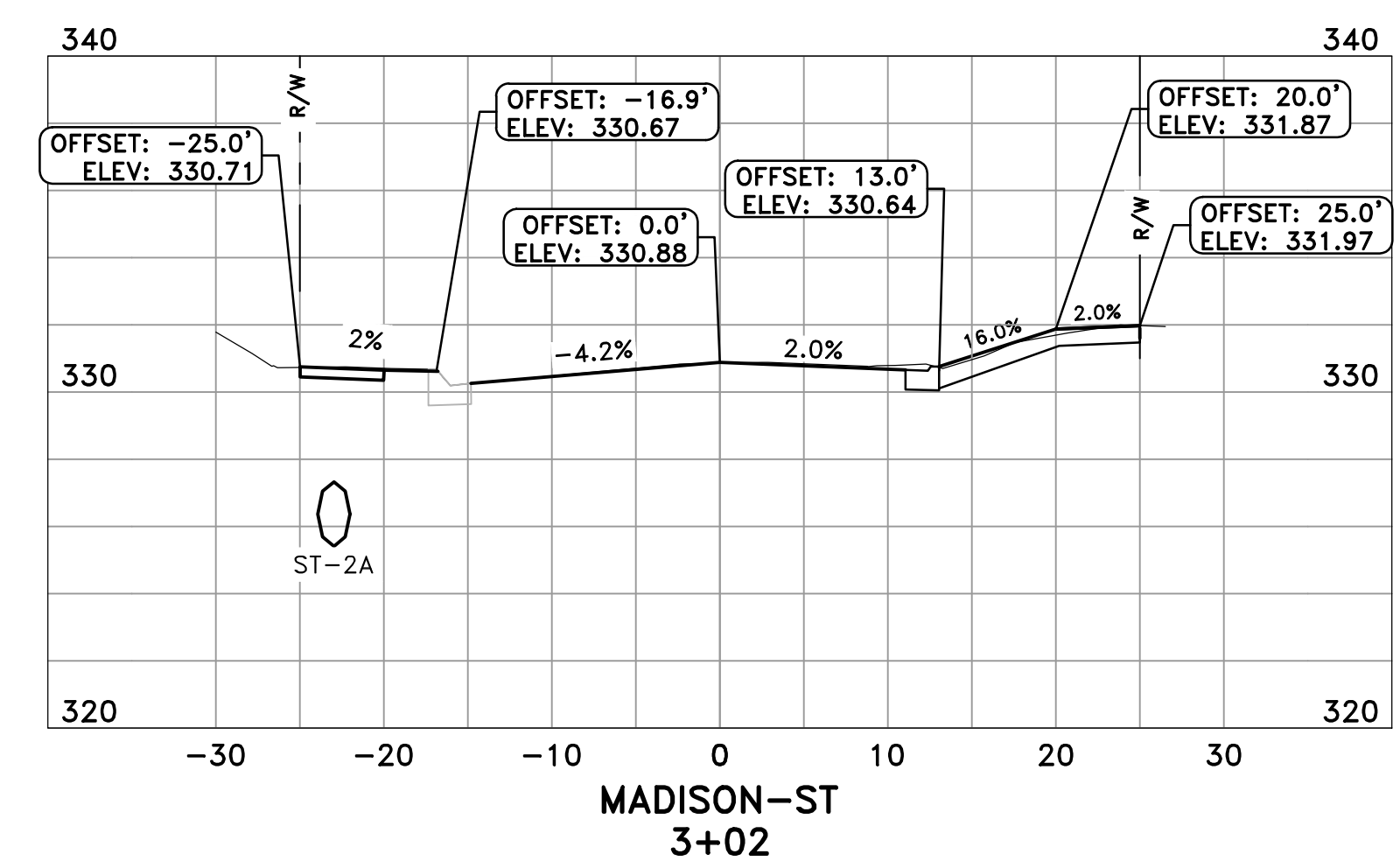
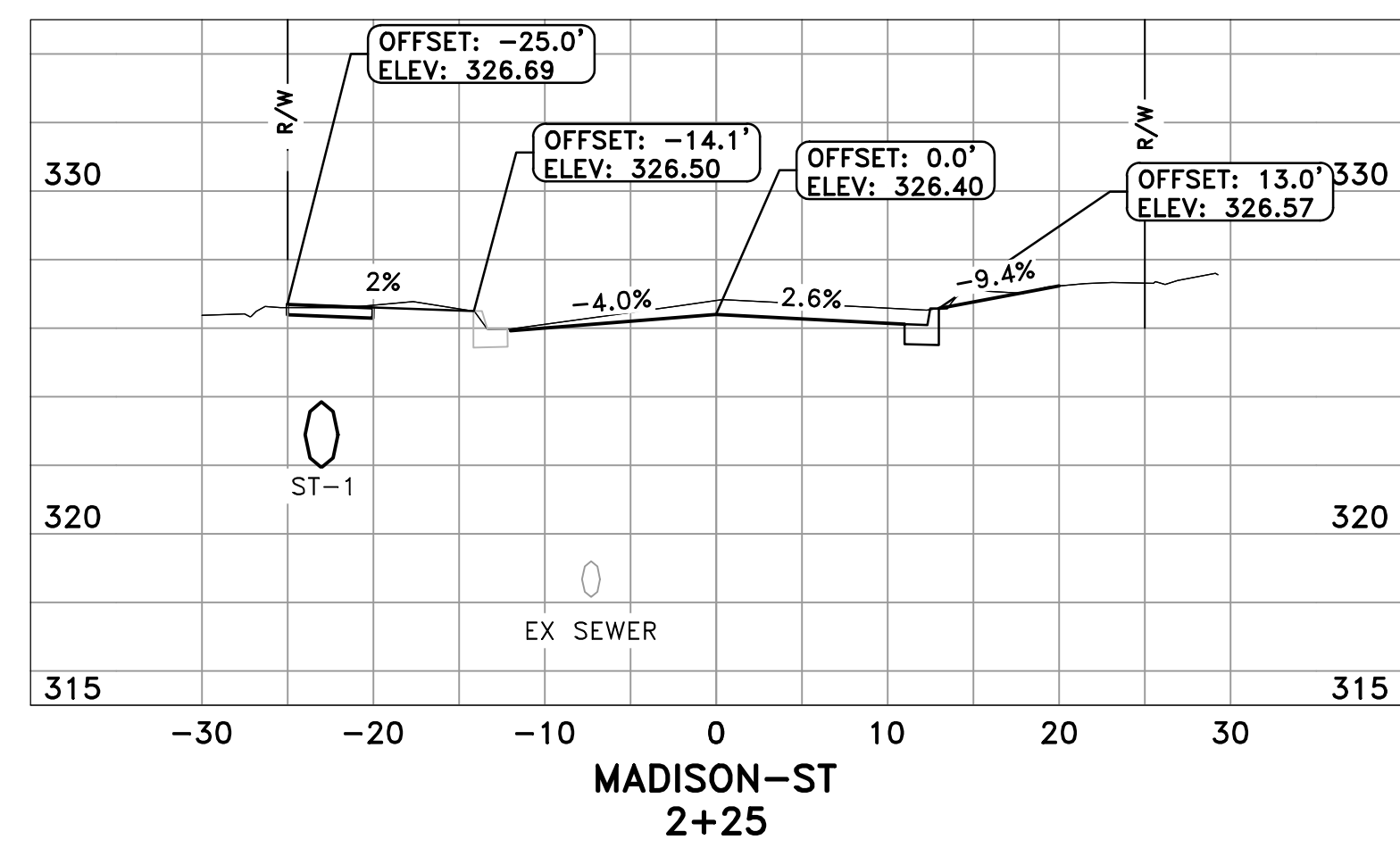
CITY OF LITTLE ROCK, ARKANSAS
MADISON STREET RECONSTRUCTION
CROSS SECTIONS - I
90% SUBMITTAL

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



PRELIMINARY

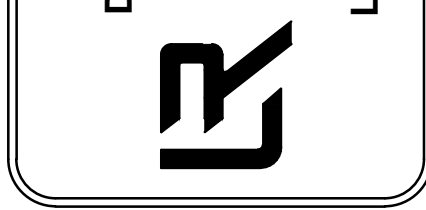
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NHC & VJW
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VJW
DATE
06-22-2019
SCALE
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PROJECT NO.
02-17-ST-79
SHEET NO.
C6



REVISIONS	DATE

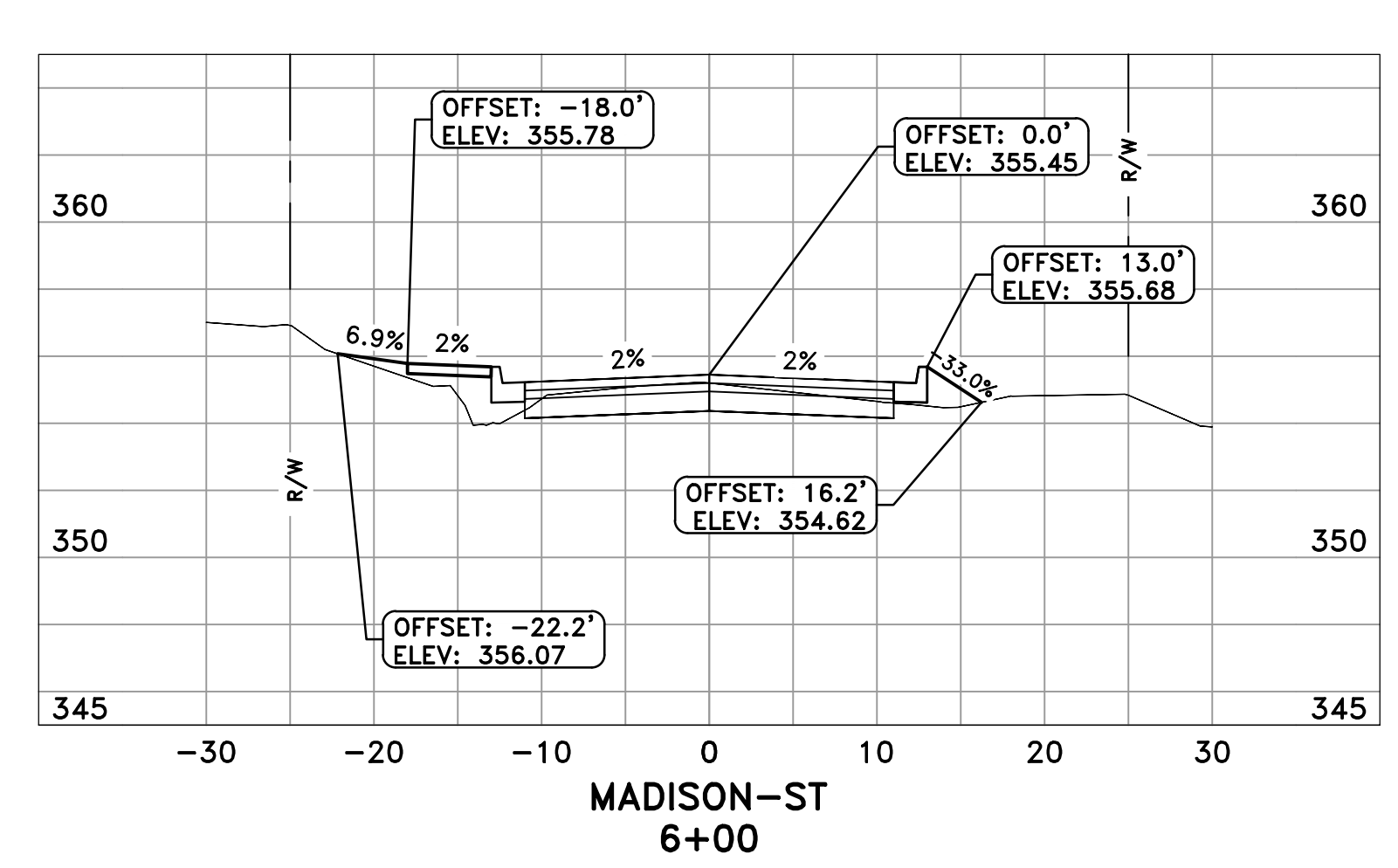
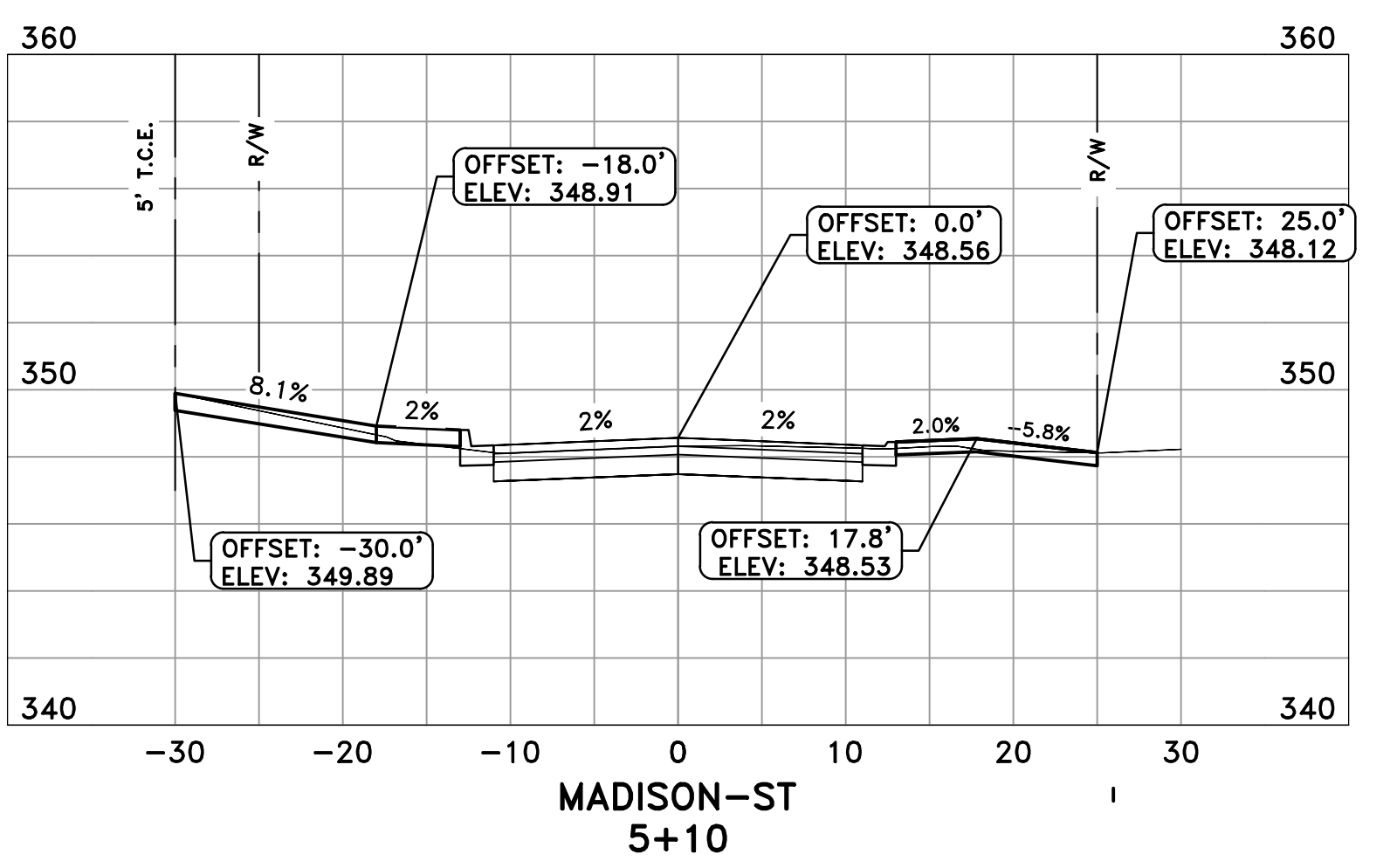
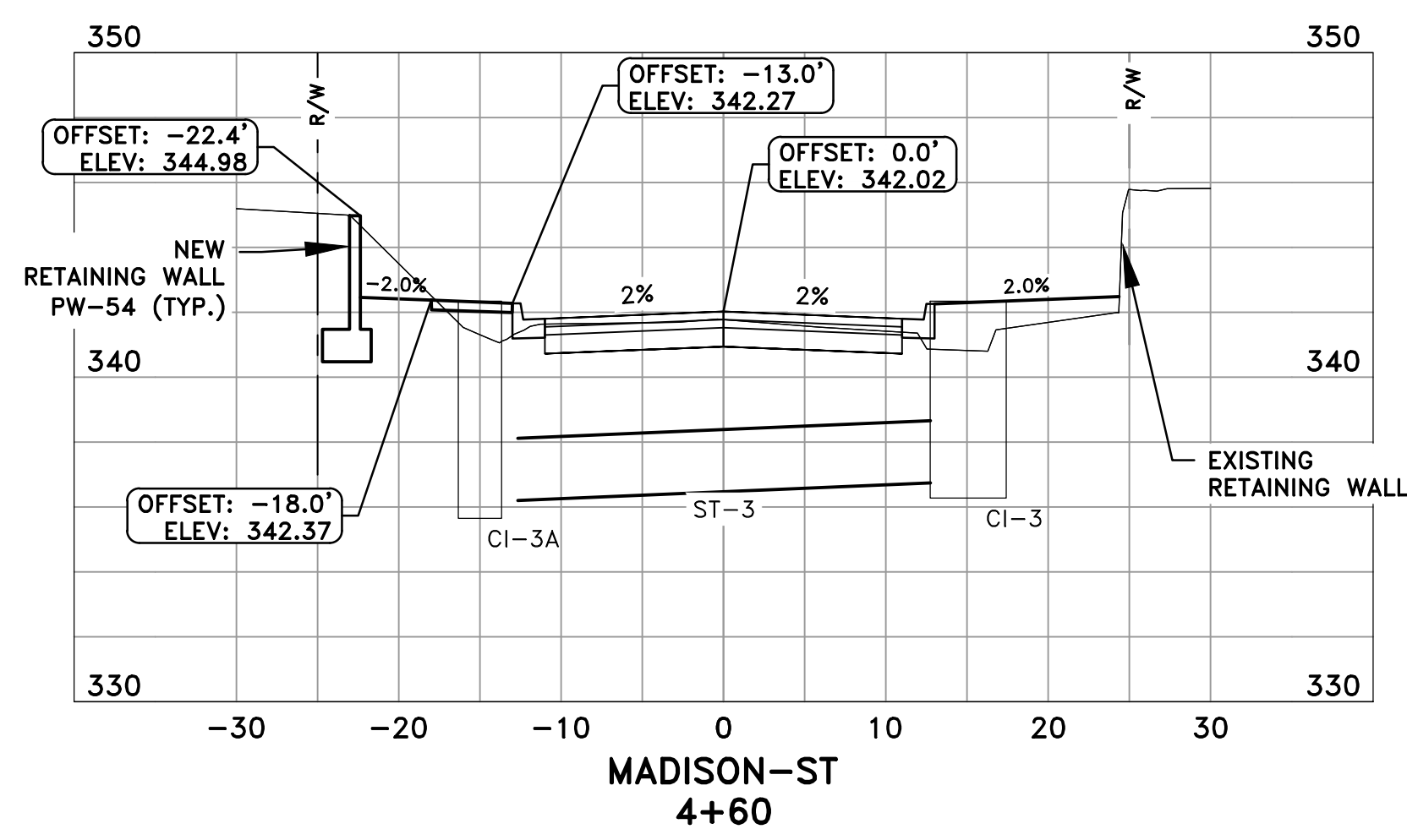
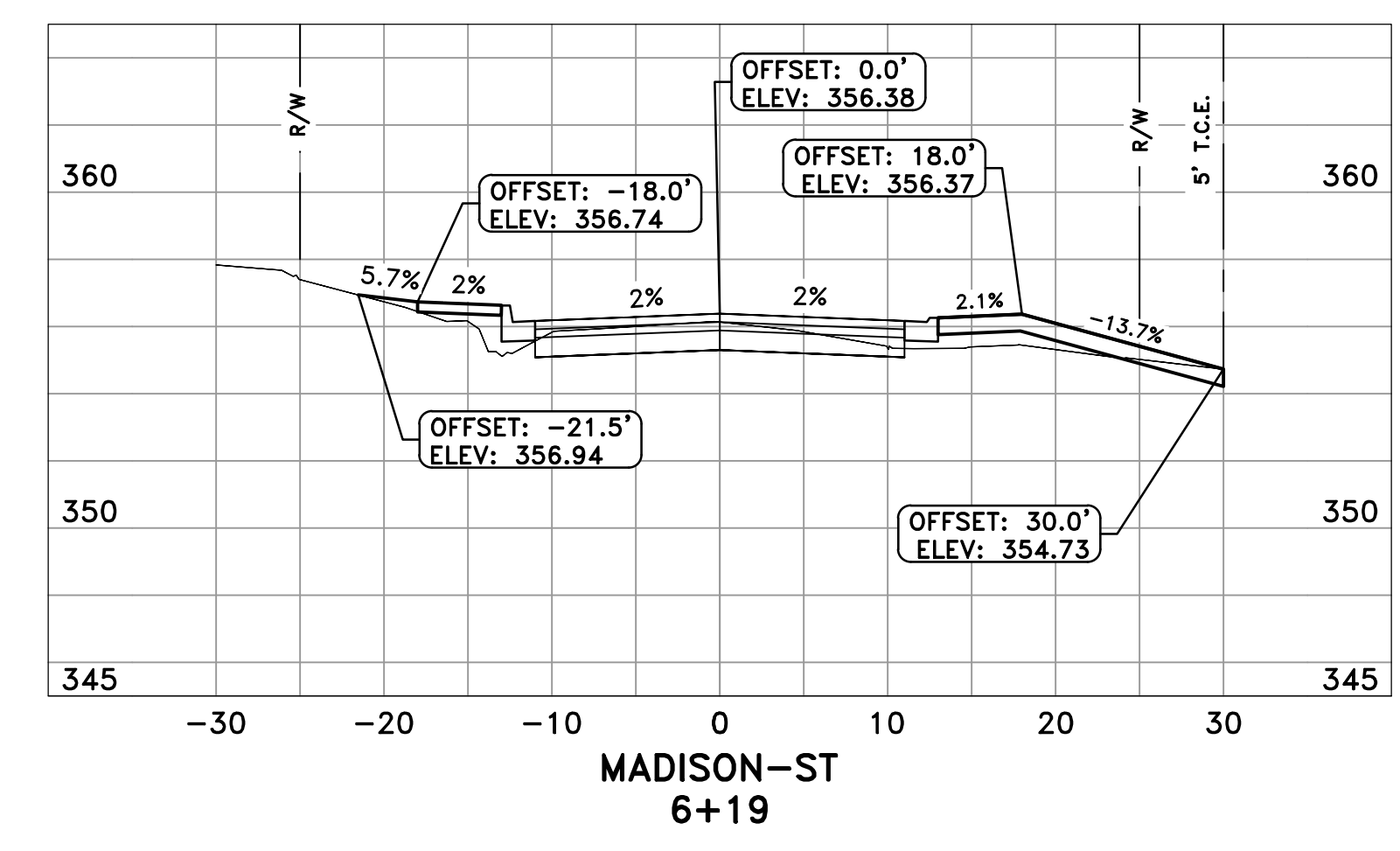
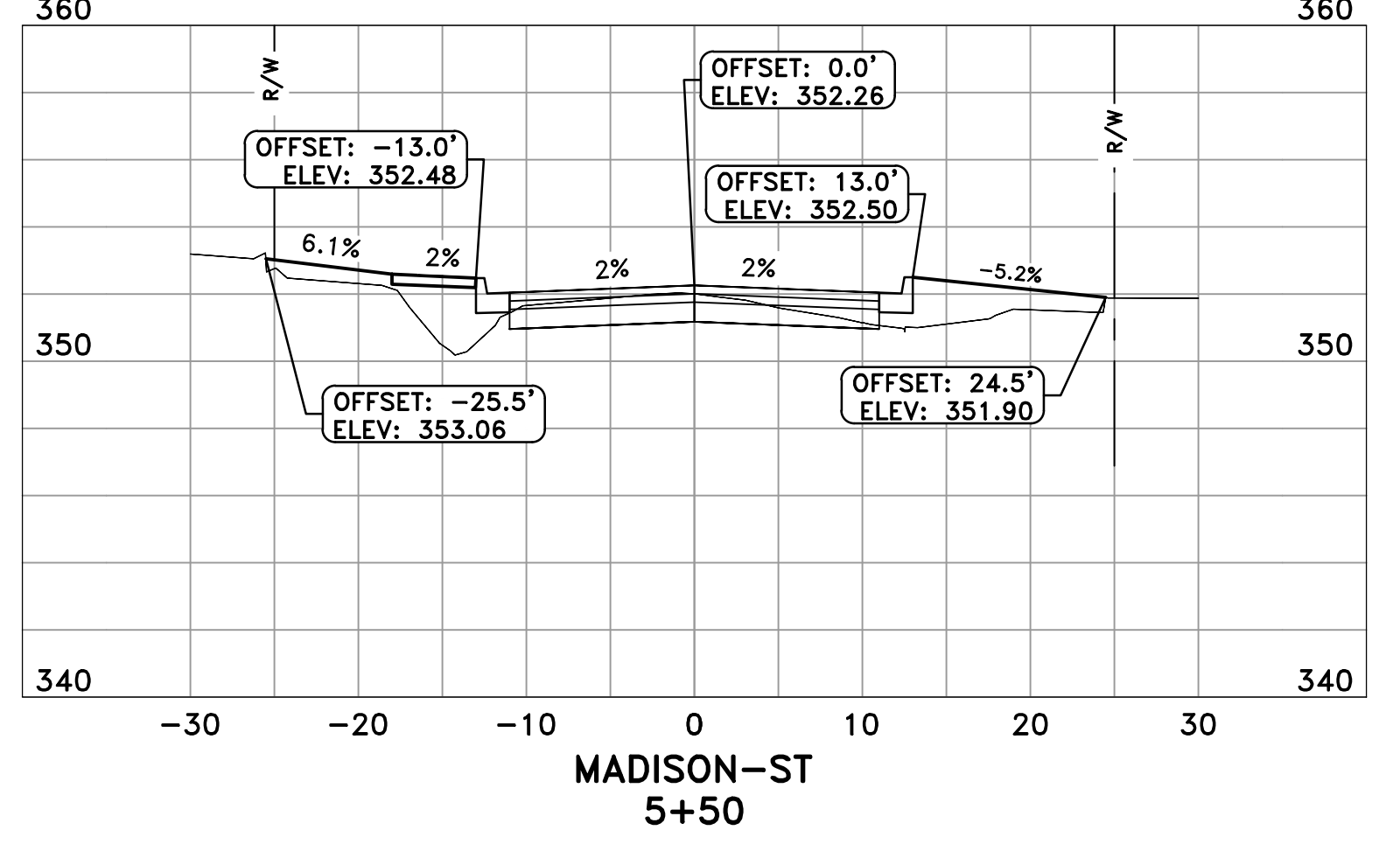
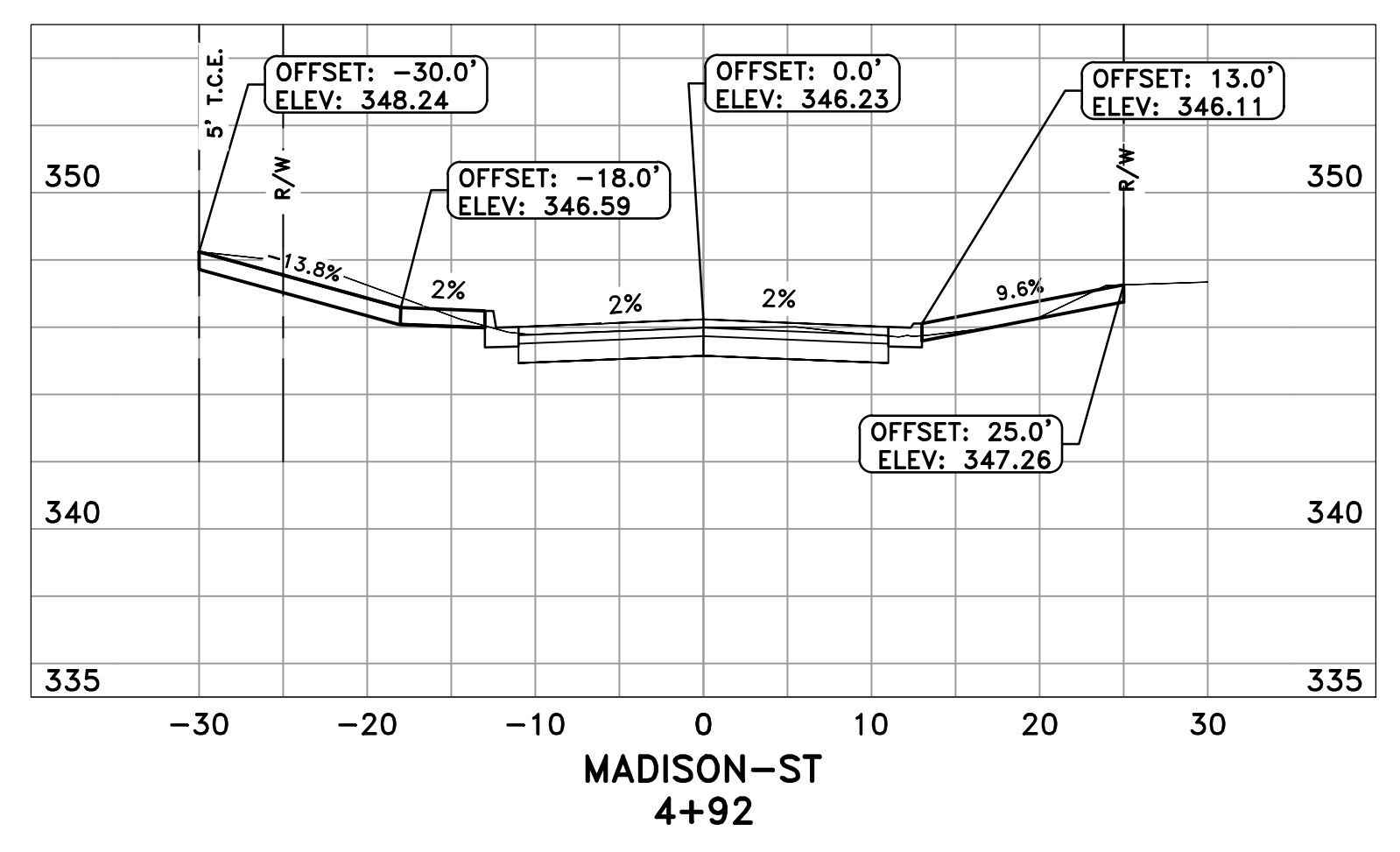
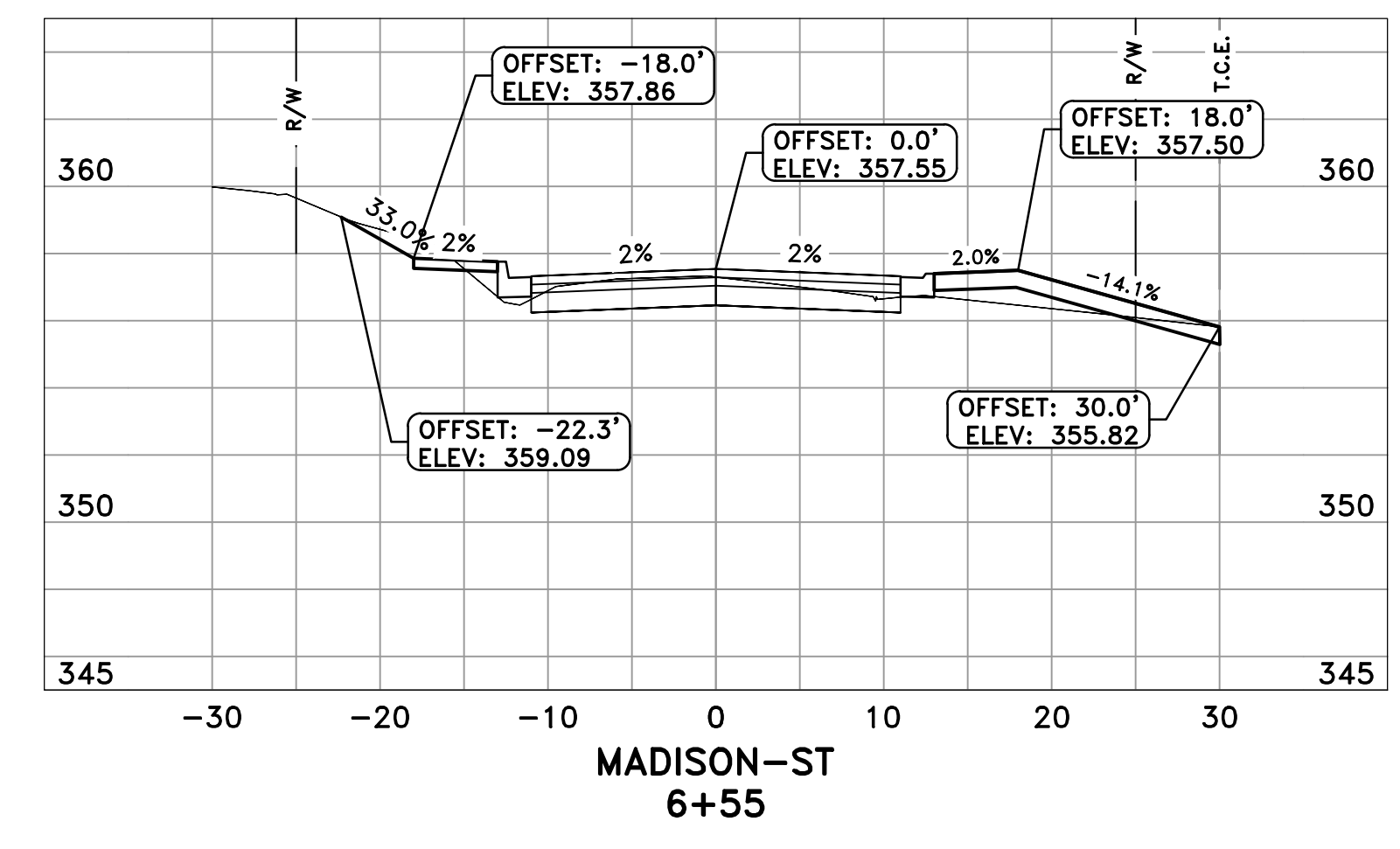
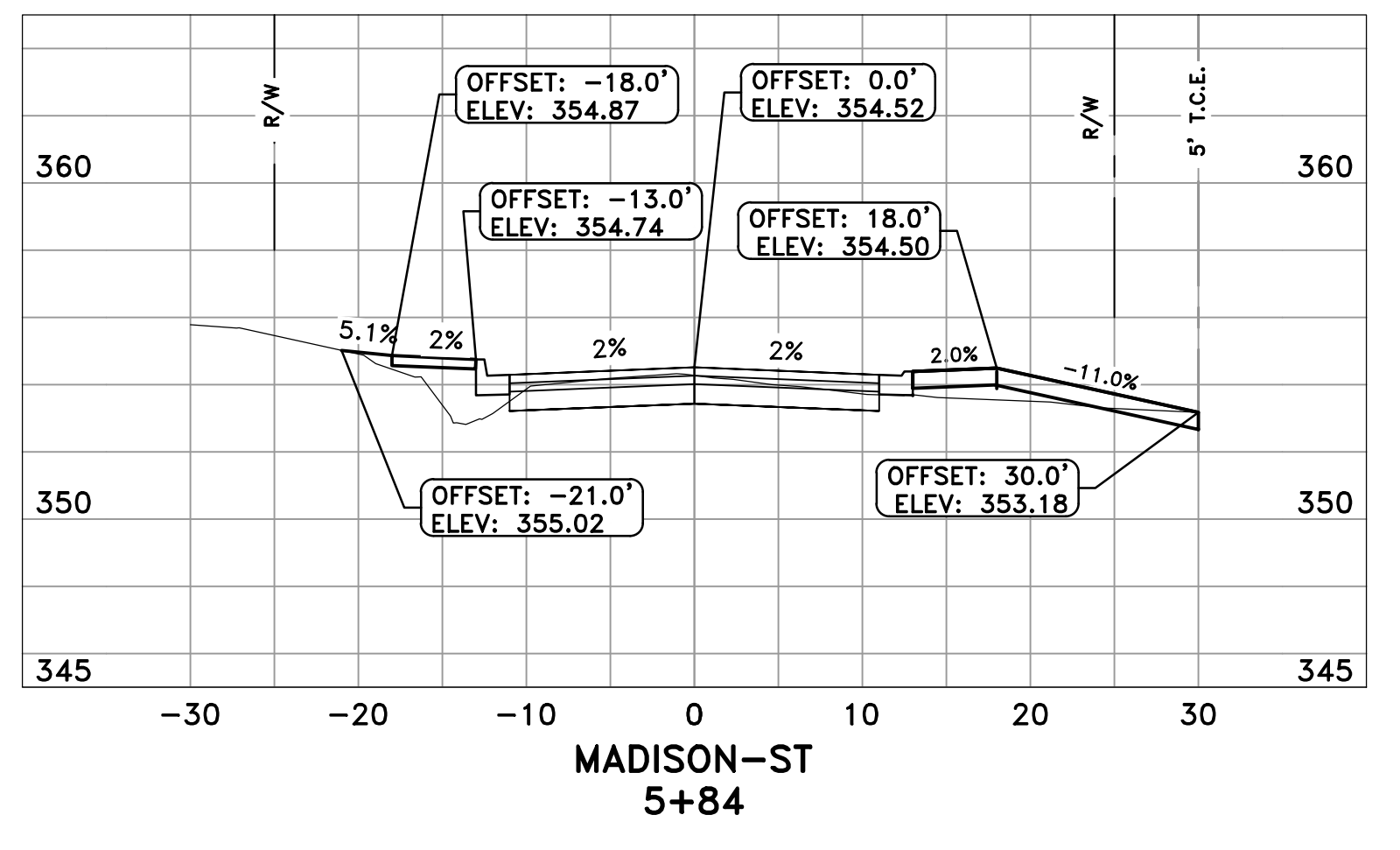
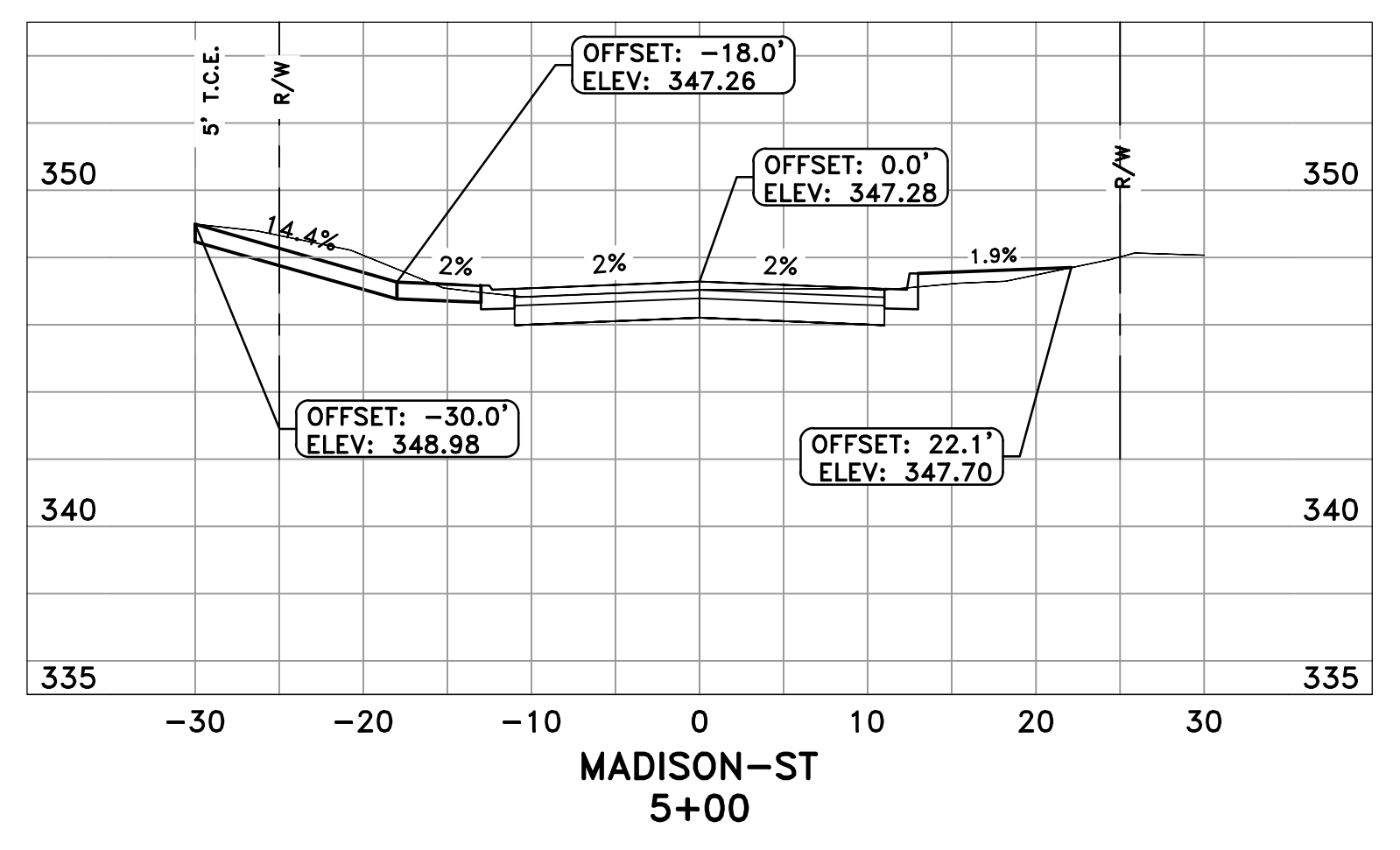
CITY OF LITTLE ROCK, ARKANSAS
MADISON STREET RECONSTRUCTION
CROSS SECTIONS - II
90% SUBMITTAL

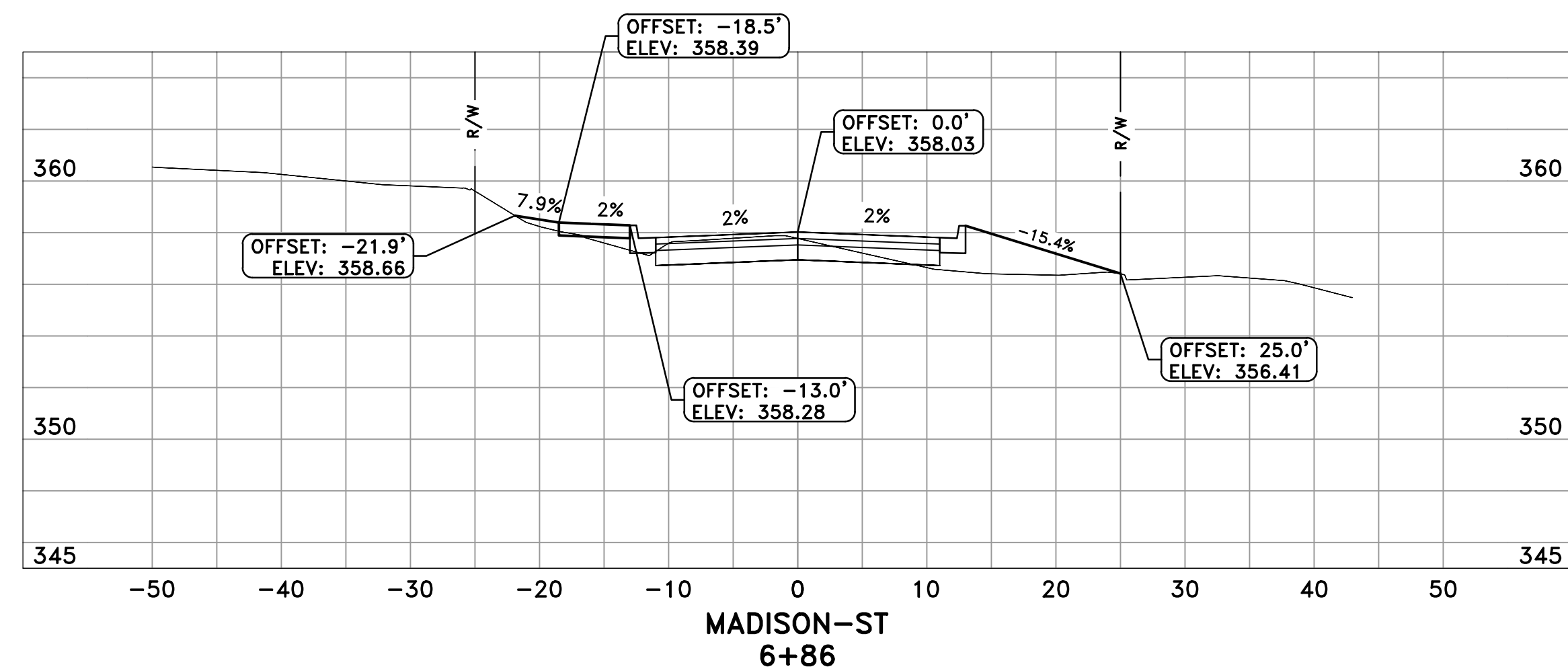
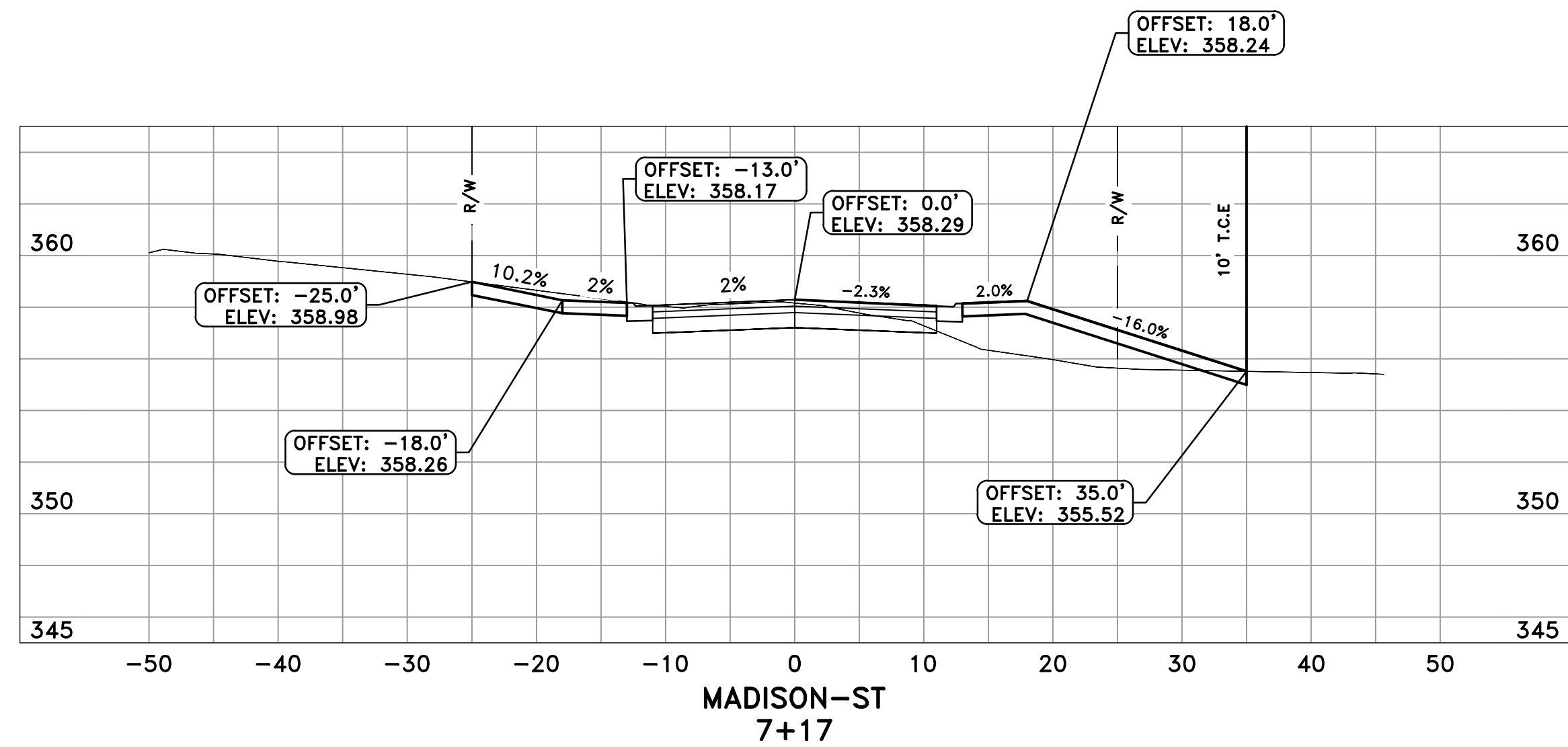
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



PRELIMINARY

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06-22-2019
SCALE
1"=10' HZ : 1"=5' VT
PROJECT NO.
02-17-ST-79
SHEET NO.
C7

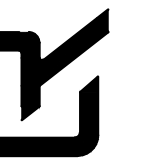




REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 MADISON STREET RECONSTRUCTION
 CROSS SECTIONS - III
 90% SUBMITTAL

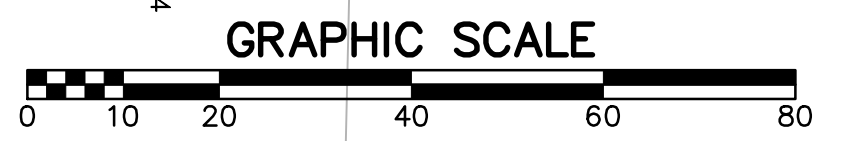
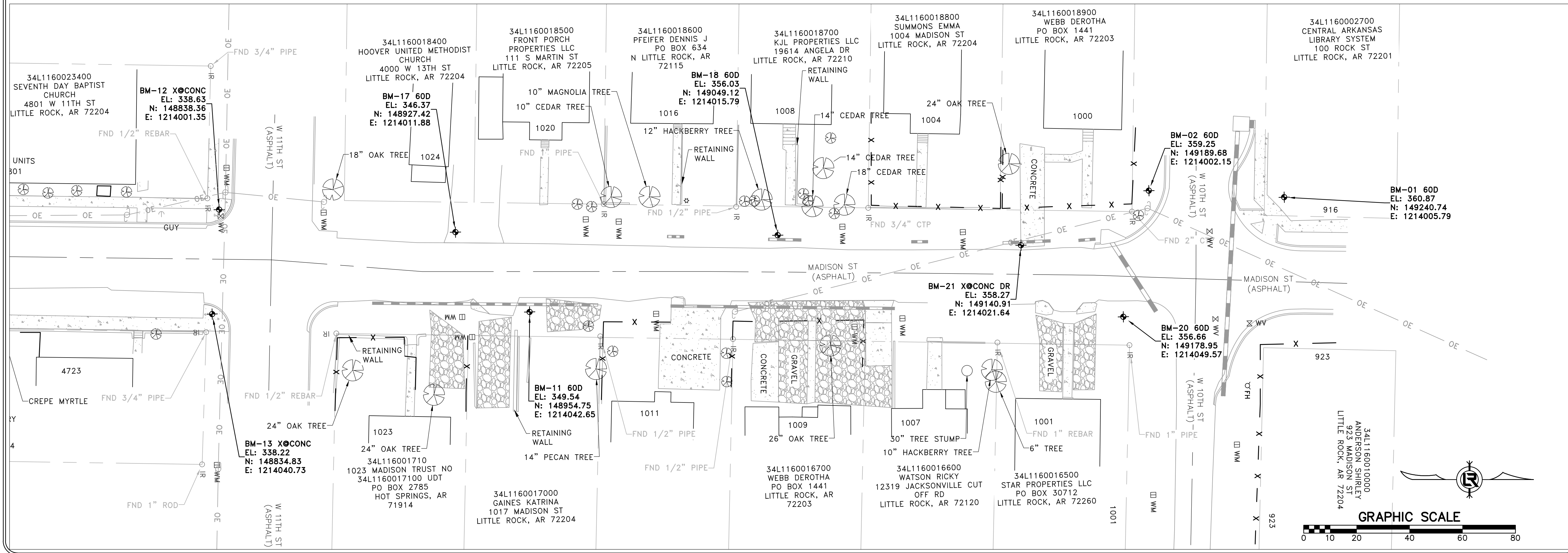
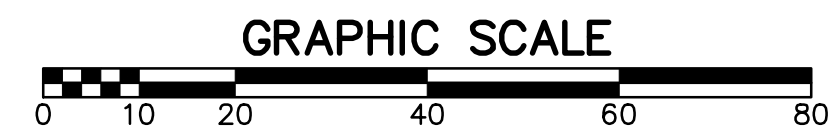
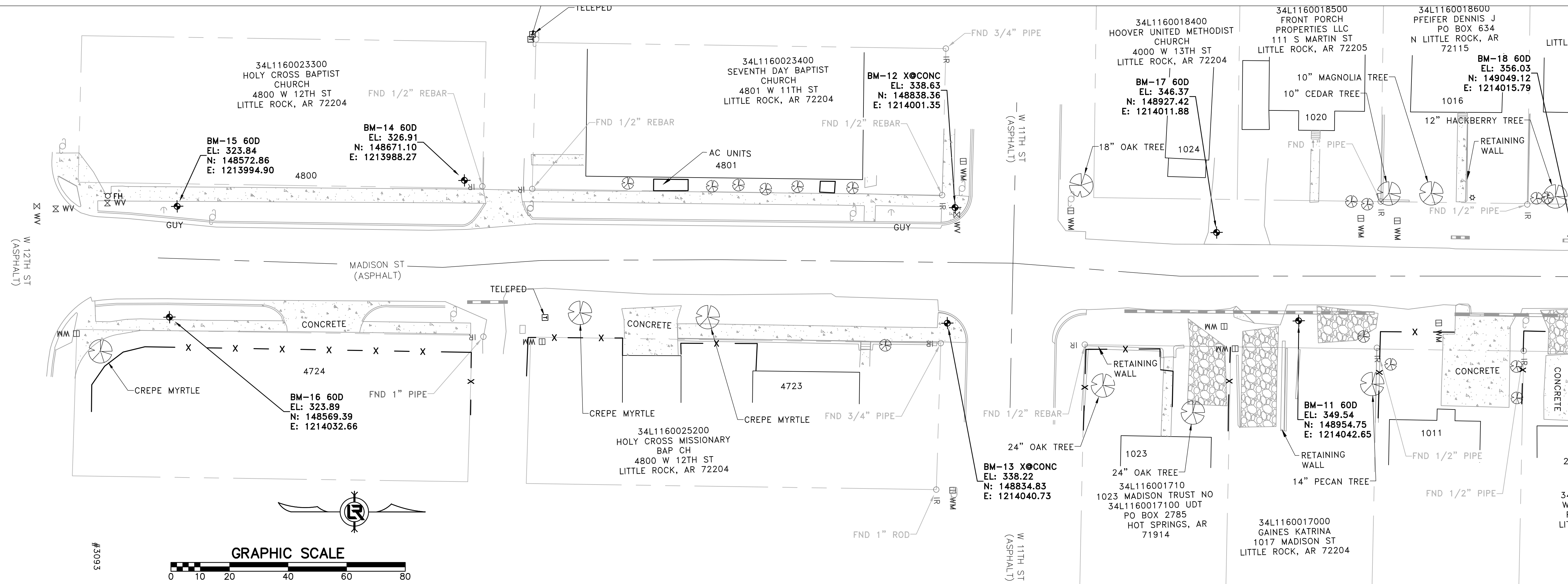
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 VJW
 DATE
 06-22-2019
 SCALE
 1"=10' HZ : 1"=5' VT
 PROJECT NO.
 02-17-ST-79
 SHEET NO.

C8



REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
MADISON STREET RECONSTRUCTION
 SURVEY CONTROL PLAN
 90% REVIEW

DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
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 LITTLE ROCK, ARKANSAS 72201

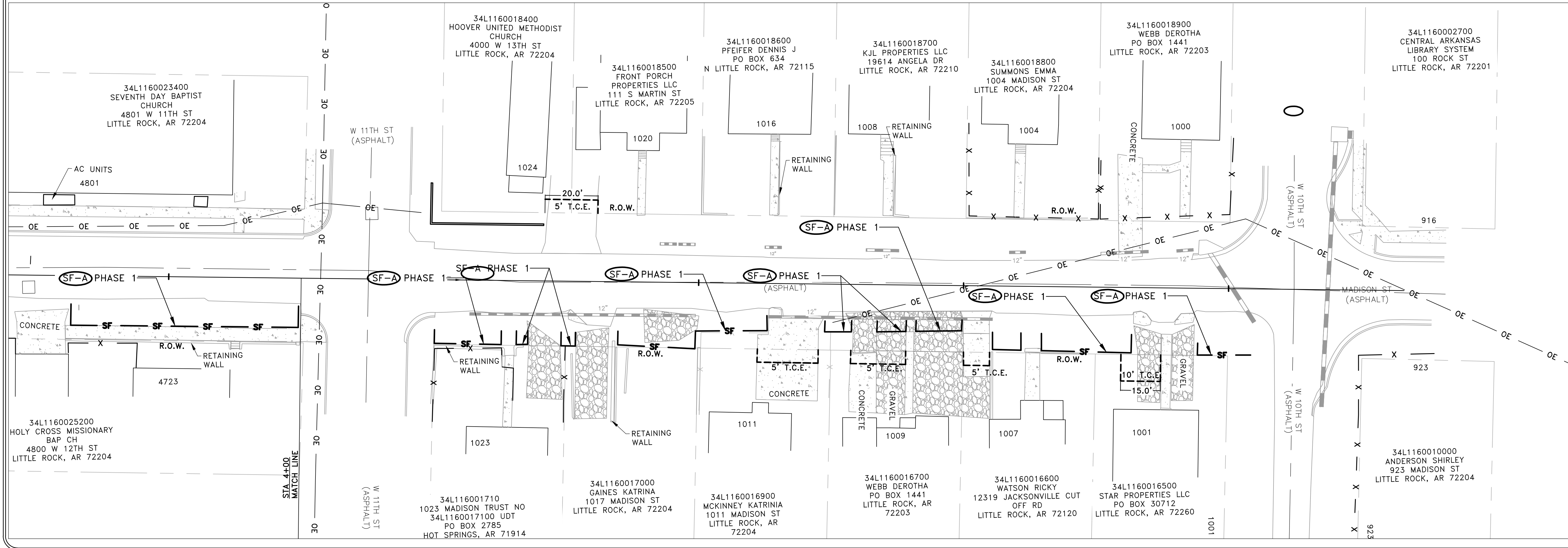
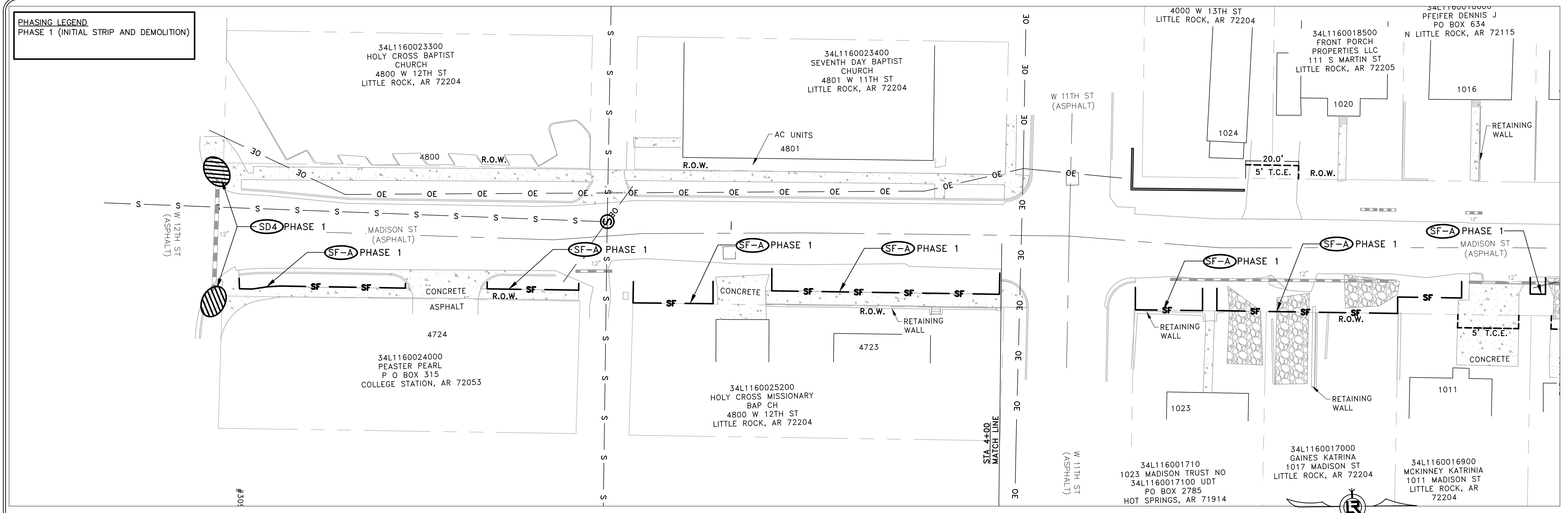


PRELIMINARY

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 VJW
 DATE
 06-10-2019
 SCALE
 1"=20' (22X34)
 PROJECT NO.
 02-17-ST-79
 SHEET NO.
 C9

PHASING LEGEND
 PHASE 1 (INITIAL STRIP AND DEMOLITION)

REVISIONS	DATE



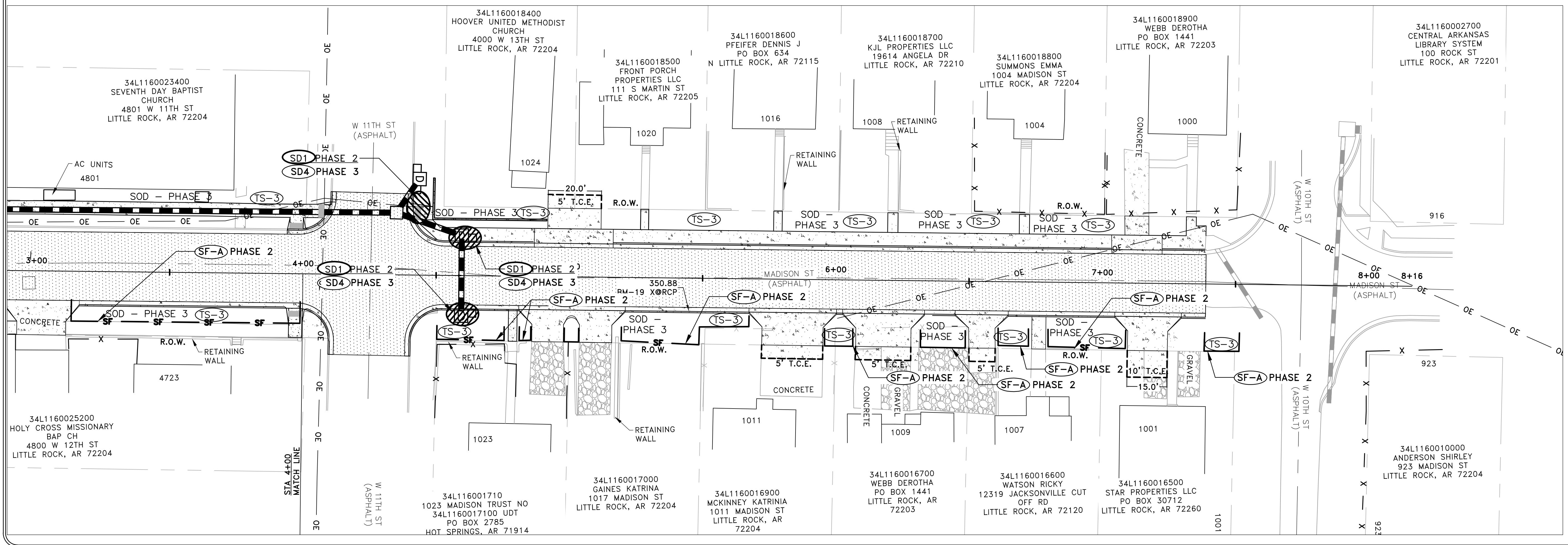
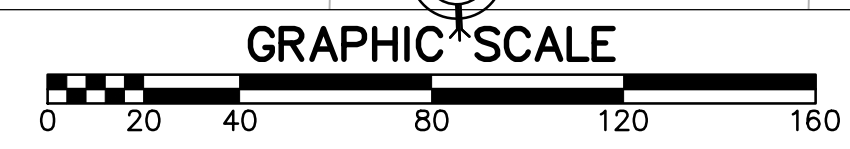
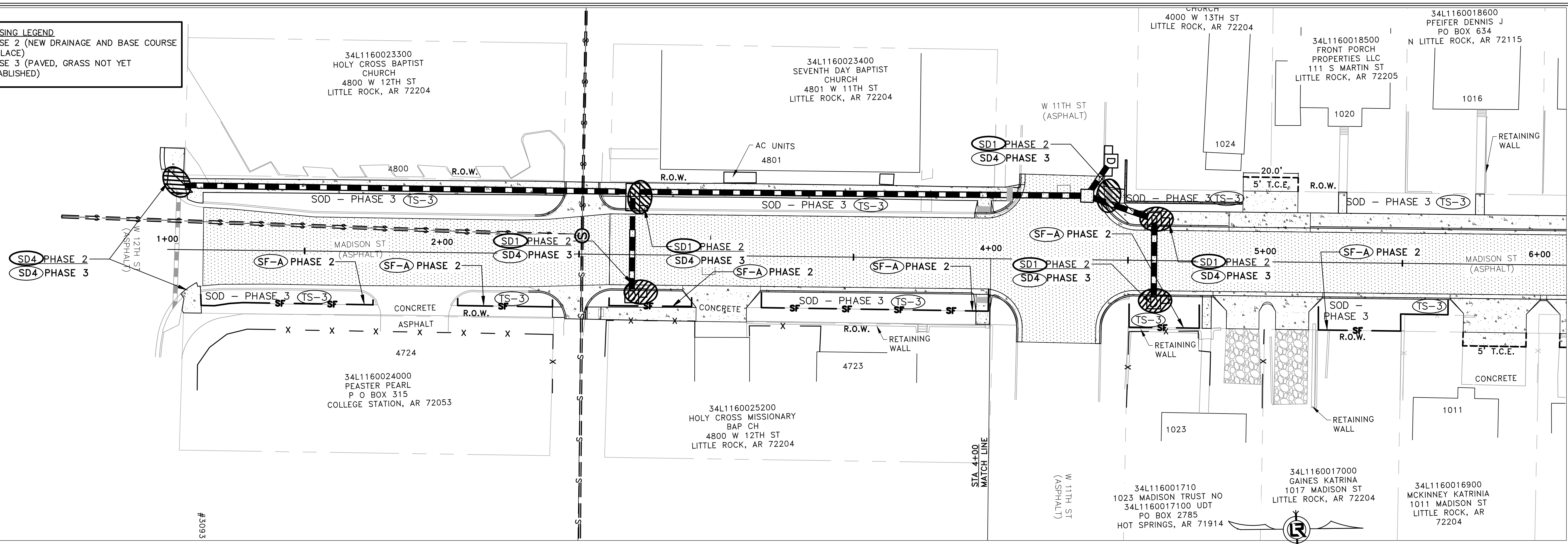
CITY OF LITTLE ROCK, ARKANSAS
MADISON STREET RECONSTRUCTION
 EROSION CONTROL PLAN - PHASE 1
 90% SUBMITTAL

DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
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 VJW
 DATE
 06-10-2019
 SCALE
 1" = 20' (22X34)
 PROJECT NO.
 02-17-ST-79
 SHEET NO.
C10

PHASING LEGEND
 PHASE 2 (NEW DRAINAGE AND BASE COURSE IN PLACE)
 PHASE 3 (PAVED, GRASS NOT YET ESTABLISHED)



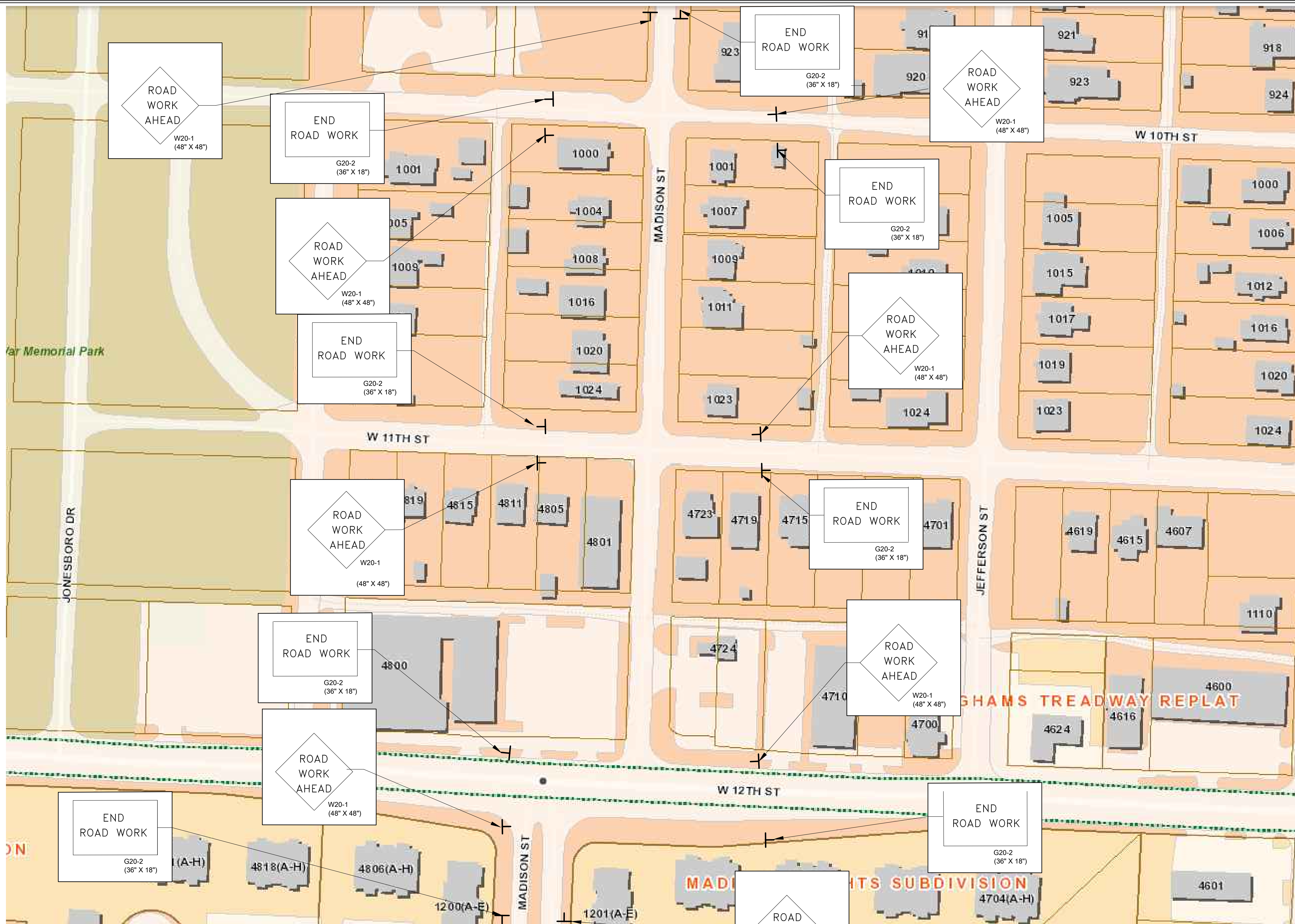
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
MADISON STREET RECONSTRUCTION
 EROSION CONTROL PLAN - PHASE 2 AND 3
 90% SUBMITTAL

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

PRELIMINARY

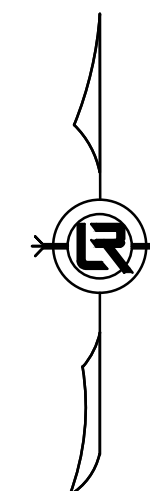
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 CHECKED
 VJW
 DATE
 06-10-2019
 SCALE
 1"=20' (22X34)
 PROJECT NO.
 02-17-ST-79
 SHEET NO.
C11



MAINTENANCE OF TRAFFIC NOTES:

WITHIN CONSTRUCTION LIMITS CONTRACTOR SHALL:

1. MAINTAIN CONTINUOUS VEHICULAR ACCESS TO ALL RESIDENCES.
2. PROVIDE, INSTALL, AND MAINTAIN (INCLUDING RELOCATION AS NEEDED) ALL TRAFFIC CONTROL DEVICES.



REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 MARYLAND AVENUE RECONSTRUCTION
 MAINTENANCE OF TRAFFIC PLAN
 90% REVIEW SET

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

PRELIMINARY

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ATV

DESIGNED
NHC

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VJW

DATE
06-10-2019

SCALE
N.T.S.

PROJECT NO.
02-17-ST-79

SHEET NO.
C12