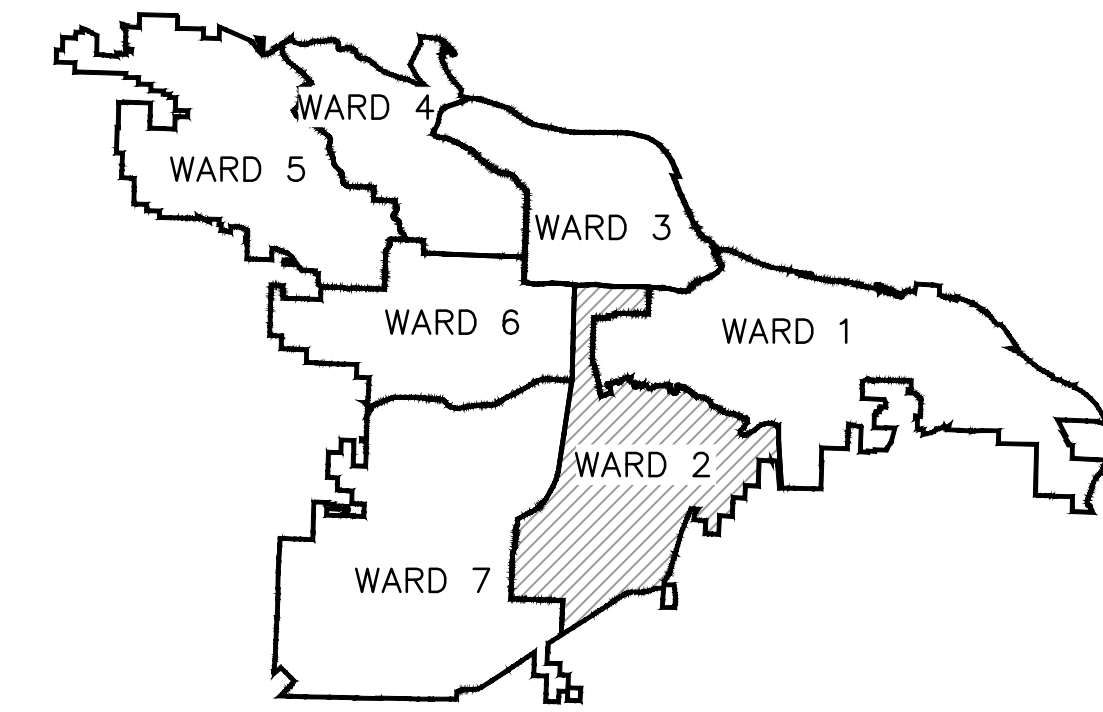


# MADISON STREET RECONSTRUCTION

## W 12th ST TO W 10th ST

### CLR PROJECT #02-17-ST-79

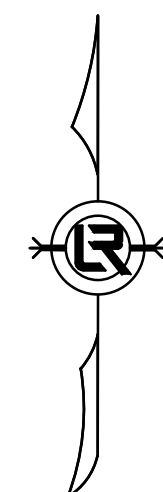


PROJECT LOCATION – WARD 2

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
C13	DRAINAGE DETAIL



**2019-2021**  
**BOND PROGRAM**

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



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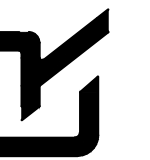
Ph (501) 408-4650  
Fx (888) 900-3068  
garnatengineering@gmail.com

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CITY OF LITTLE ROCK, ARKANSAS  
MADISON STREET RECONSTRUCTION

COVER SHEET

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



08-16-2019

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08-16-2019  
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N.T.S.

PROJECT NO.  
02-17-ST-79

SHEET NO.

C0

CLR PROJECT 02-17-ST-79			
MADISON STREET IMPROVEMENTS-100% QUANTITIES			
16-Aug-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	420
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	4
SP10.06	CURB INLET CI-1 WITH EXTENDED THROAT	EA	1
10.07	WING 3' EXTENSION	EA	6
11.20	REINFORCED CONCRETE RETAINING WALL	CY	13
13.18	STORM DRAIN PIPE, 18" (SIDE DRAIN)	LF	358
13.18	STORM DRAIN PIPE, 18" (CROSS DRAIN)	LF	84
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	6
24.09	SEDIMENT BARRIER, BLOCK (SD-4)	EA	8
24.12	SILT FENCE (TYPE A)	LF	650
26.10	TRENCH EXCAVATION & SAFETY	LS	1
27.03	COLD MILLING ASPHALT PAVING	SY	230

EXISTING		PROPOSED
IRON ROD	○ IR	CONTOUR
PK NAIL	○ PK	SPOT ELEVATION
R.R. SPIKE	○ RR(Sp)	SPOT CURB ELEVATION
CONC. MONUMENT	□ CM	STORM SEWER - PIPE
WATER VALVE	⊗ WV	STORM SEWER - MITERED END SECTION
WATER METER	□ WM	STORM SEWER - GRATE INLET
FIRE HYDRANT	⊕ FH	STORM SEWER - JUNCTION BOX
GAS METER	⊕ GM	STORM SEWER - FLARED END SECTION
GAS VALVE	⊕ GV	STORM SEWER - HEADWALL
CLEAN-OUT	○ CO	STORM SEWER - INLET WITH SINGLE EXTENSION
GUARD POST (BOLLARD)	● GP	STORM SEWER - INLET WITH DOUBLE EXTENSION
SIGN POST	—	STORM SEWER - AREA INLET
BENCHMARK	⊕	GRADE BREAK LINE
STORM SEWER MANHOLE	⊕ S	HIGH POINT
SANITARY SEWER MANHOLE	⊕ S	LOW POINT
TELEPHONE MANHOLE	⊕ T	CUT LINE
ELECTRIC MANHOLE	⊕ E	FILL LINE
TELEPHONE BOX	⊕	SANITARY SEWER PIPE
ELECTRIC BOX	⊕	SANITARY SEWER MANHOLE
CABLE BOX	⊕	CURB
UTILITY POLE	⊕	CONCRETE
GUY WIRE	—	CONSTRUCTION - ENTRANCE/EXIT
LIGHT POLE	⊕	CHECK DAM
POST OR POLE (TYPE AS NOTED)	⊕	DIVERSION BERM
MAILBOX	⊕	DOWNDRAIN STRUCTURE - TEMPORARY
DECIDUOUS TREE	⊕	ROCK DAM
EVERGREEN/CONIFEROUS TREE	⊕	SEDIMENT BARRIER - SILT FENCE
BUSH	⊕	SEDIMENT BARRIER - GRAVEL RING
PROPERTY LINE	—	SEDIMENT BARRIER - BLOCK & GRAVEL
SETBACK LINE	—	SEDIMENT BARRIER - BLOCK
EASEMENT LINE	—	TEMPORARY SEDIMENT BASIN
CURB	—	SILT FENCE - TYPE A
FENCE	— X — X —	SILT FENCE - TYPE B
OVERHEAD UTILITY	— OHP — OHP —	SILT FENCE - TYPE C
UNDERGROUND TELEPHONE	— UGT — UGT — UGT —	STORM DRAIN OUTLET PROTECTION
UNDERGROUND ELECTRIC	— UGE — UGE — UGE —	SURFACE ROUGHENING
WATER LINE	— 8"W — 8"W — 8"W —	DISTURBED AREA STABILIZATION -TEMPORARY STABILIZATION
SEWER LINE	— S — S — S — S —	DISTURBED AREA STABILIZATION -TEMPORARY GRASSING
GAS LINE	— GAS — GAS — GAS —	DISTURBED AREA STABILIZATION -PERMANENT GRASSING
STORM SEWER/CULVERT	— 24" CMP/RCP/DIP —	MATting/BLANKETS
CONTOUR LINE	— 650 —	

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
 MADISON STREET RECONSTRUCTION  
 LEGEND AND QUANTITIES

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



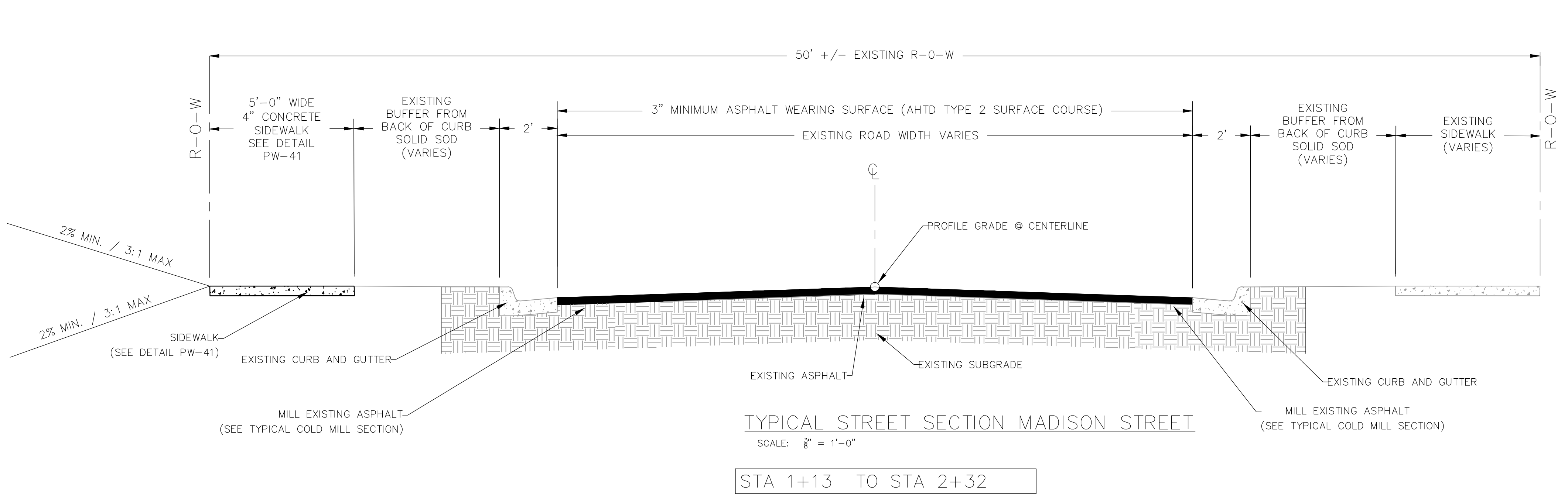
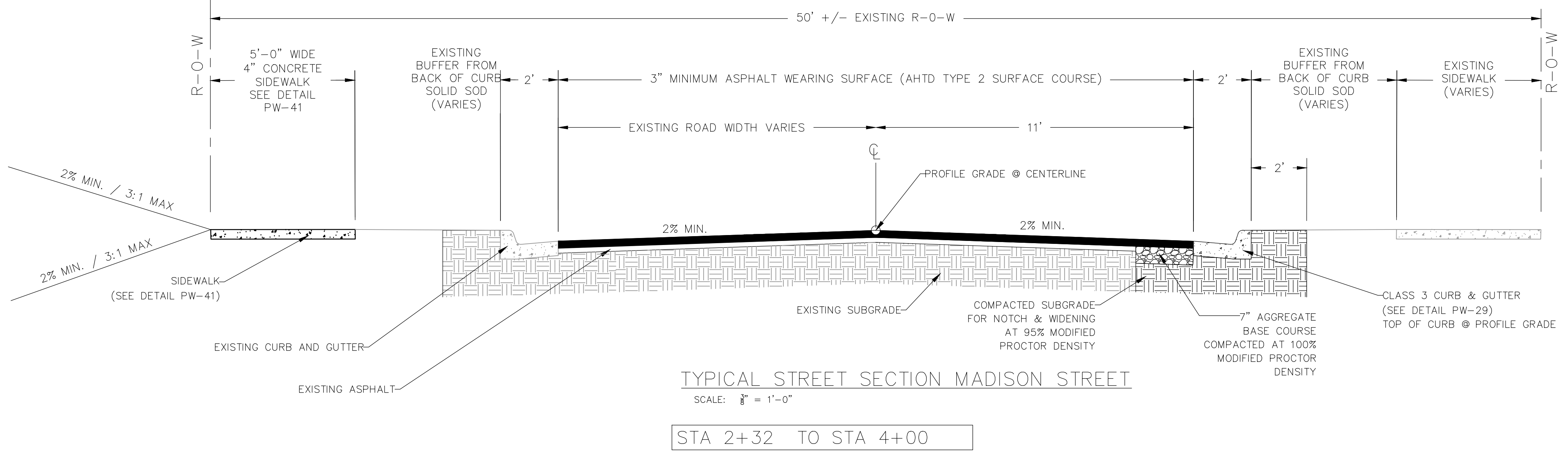
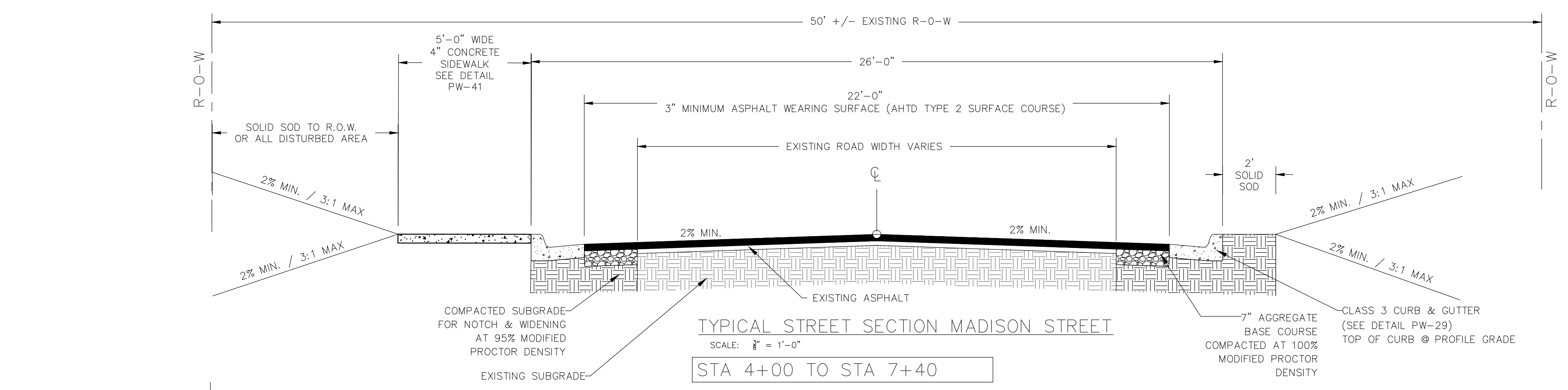
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 VJW  
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 SCALE  
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 02-17-ST-79  
 SHEET NO.  
 C1

REVISIONS	DATE

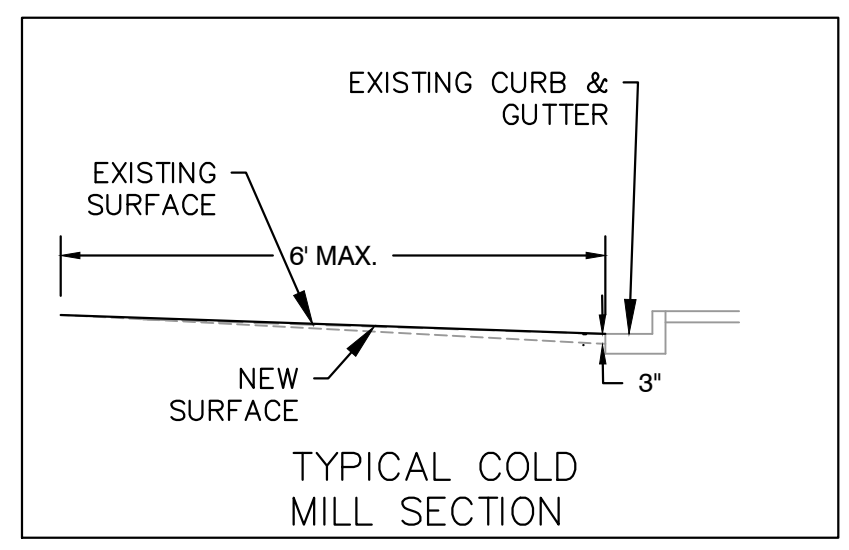
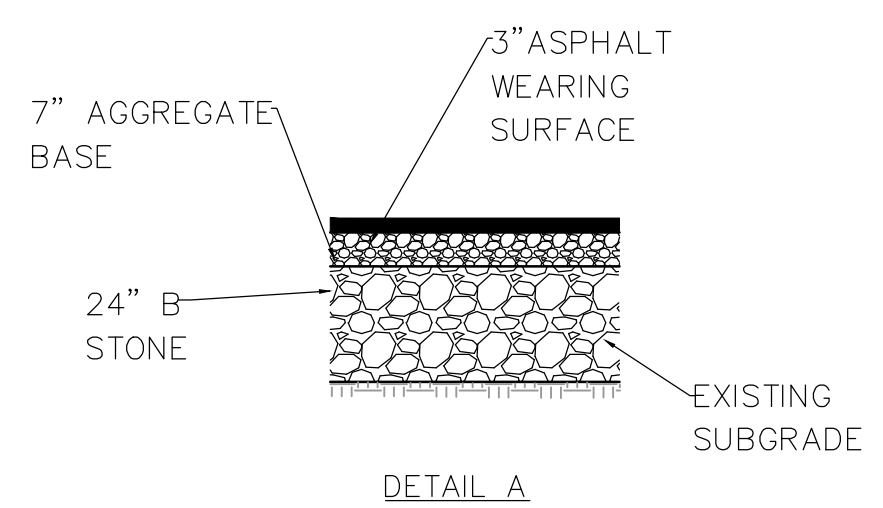
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**MADISON STREET RECONSTRUCTION**  
**TYPICAL SECTIONS**

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**PROJECT NO.**  
**02-17-ST-79**  
**SHEET NO.**  
**C2**

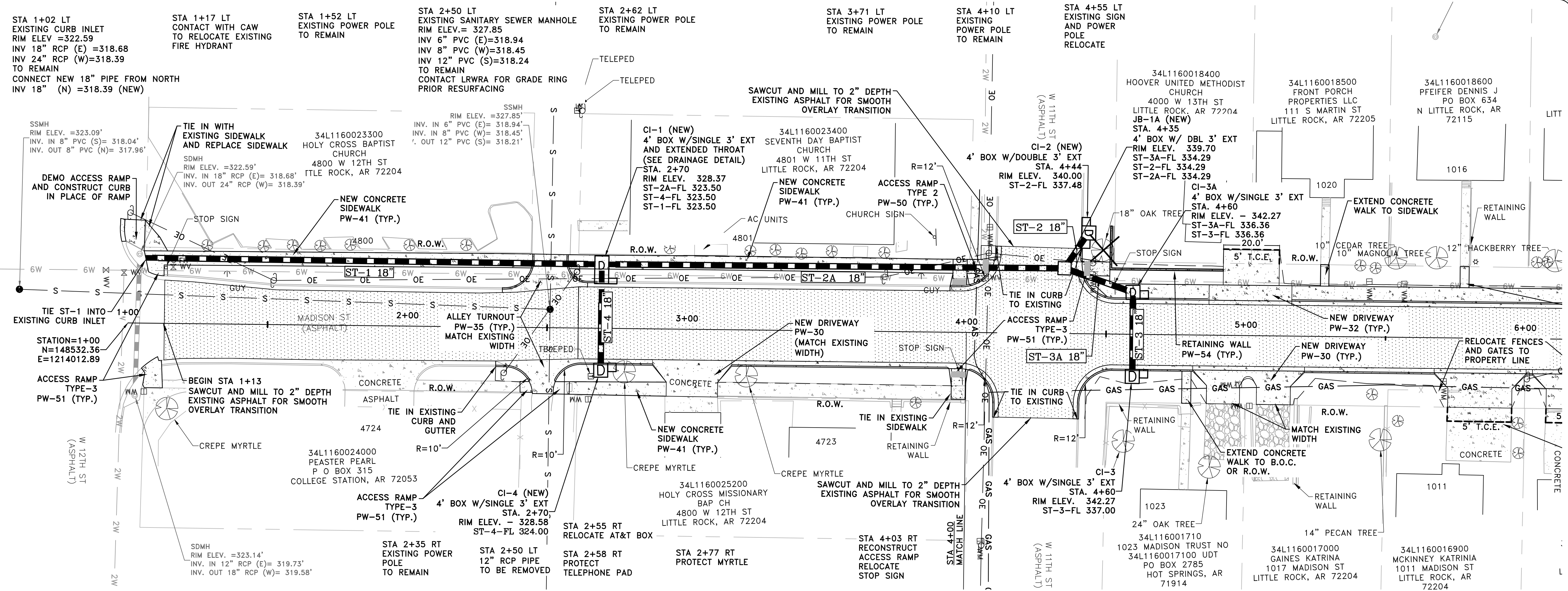


- GENERAL STREET CONSTRUCTION NOTES:
1. WORK ASSOCIATED WITH THIS DETAIL COMPLY WITH LITTLE ROCK PW-22 DETAIL.
  2. IF OR WHERE DIRECTED, UNDERCUT, EXCAVATE, AND RECONSTRUCT SUBGRADE WITH B STONE PER DETAIL A AS DIRECTED BY ENGINEER TO REPAIR SUBGRADE FAILURES.
  3. IF OR WHERE DIRECTED BY ENGINEER, CONTRACTOR SHALL SHIM ANY LOW AREAS IN EXISTING ROADWAY WITH ACHM PRIOR TO RESURFACING.









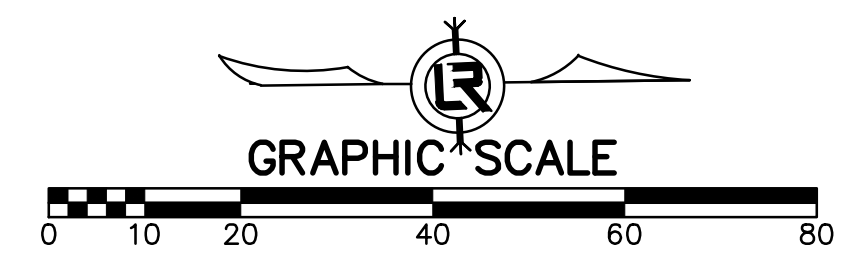
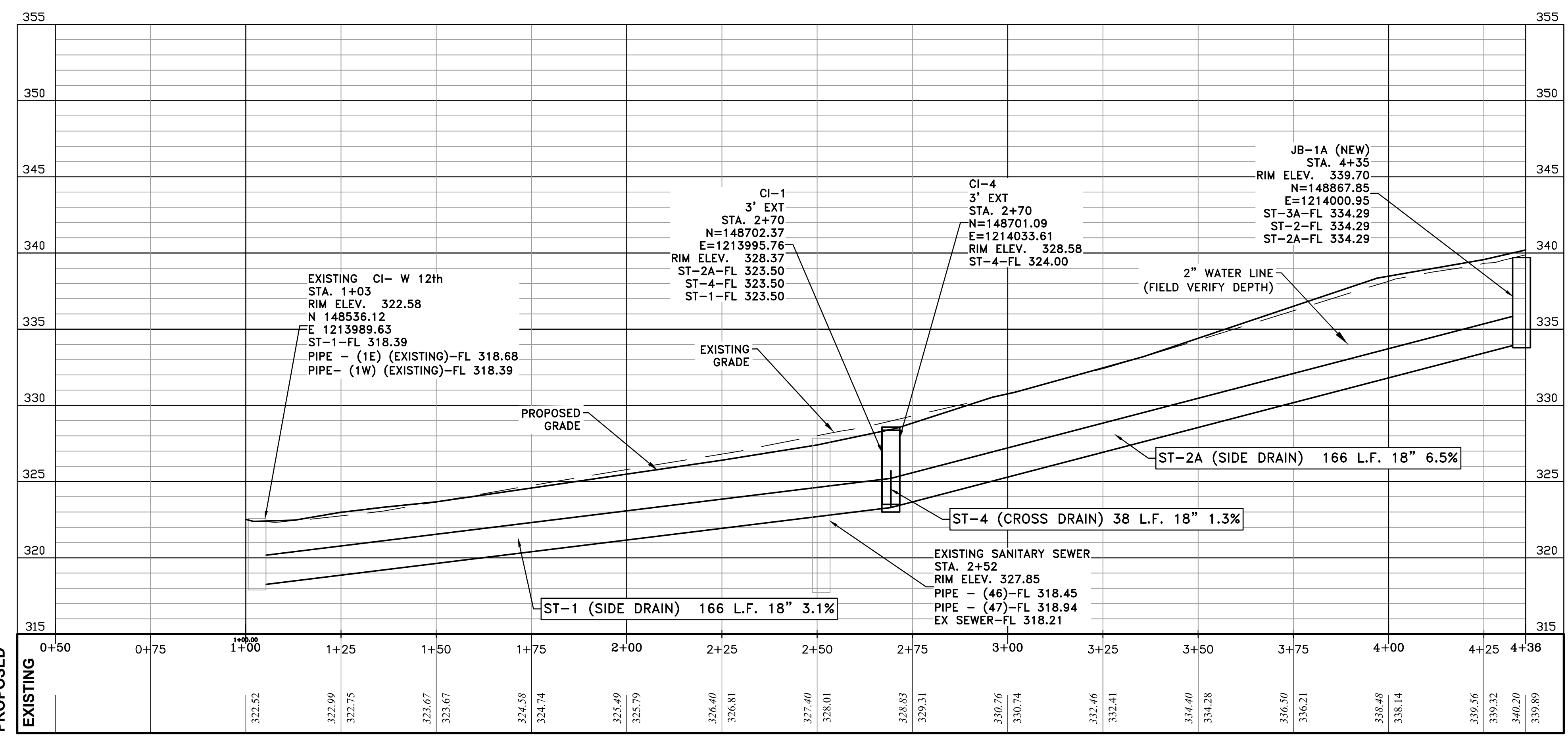
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
**MADISON STREET RECONSTRUCTION**  
 PLAN AND PROFILE - I

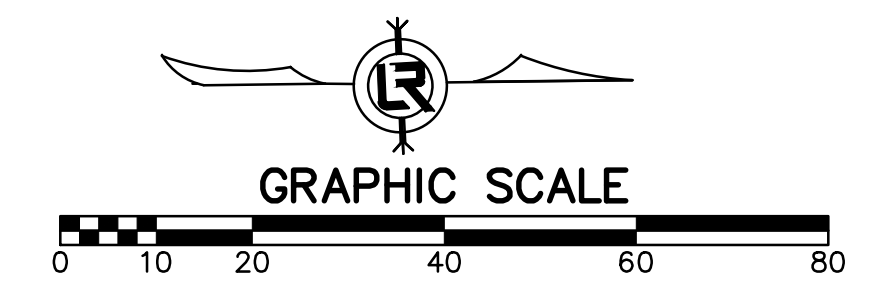
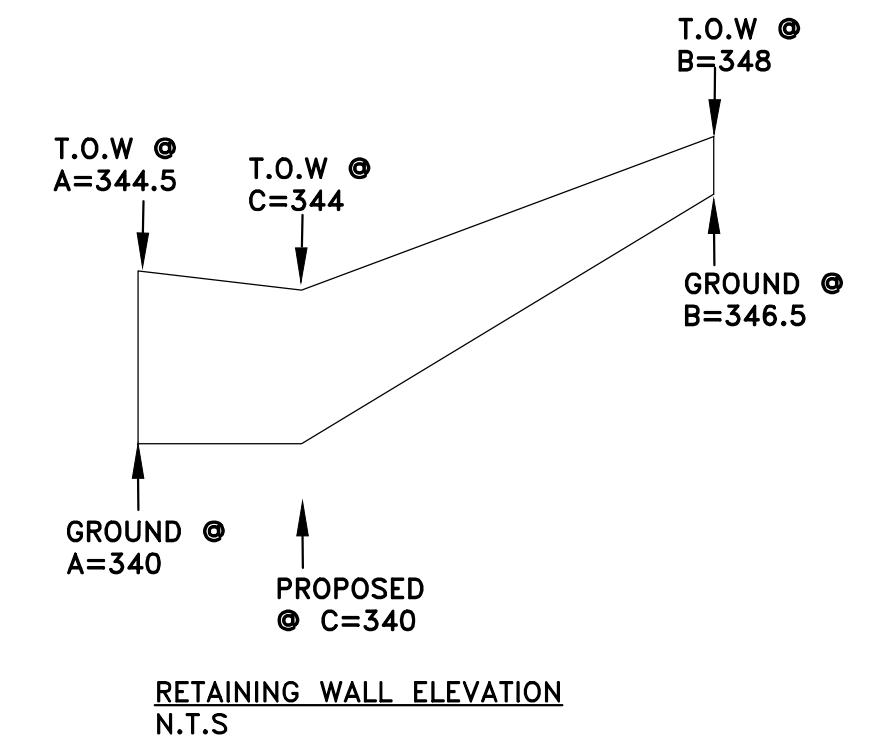
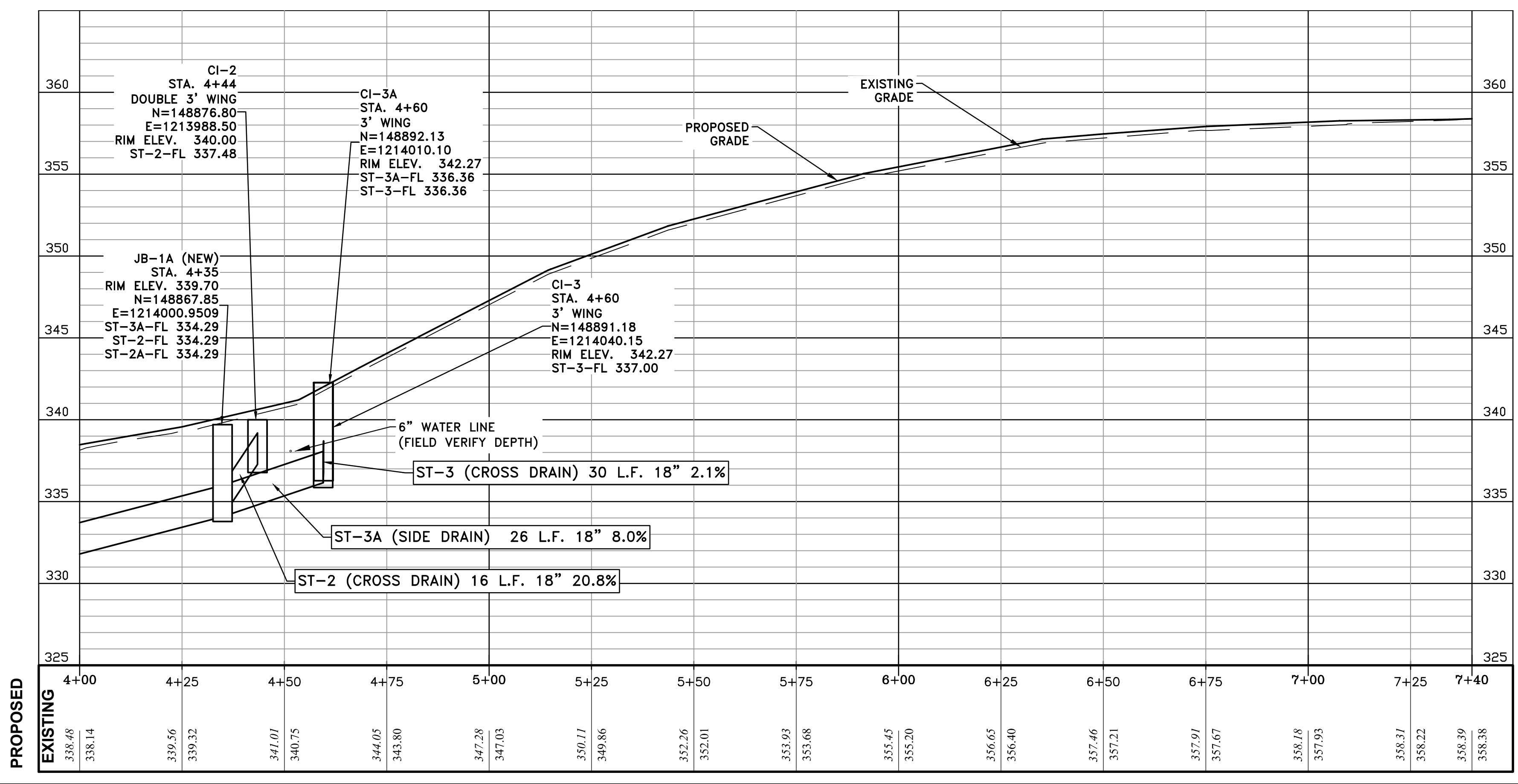
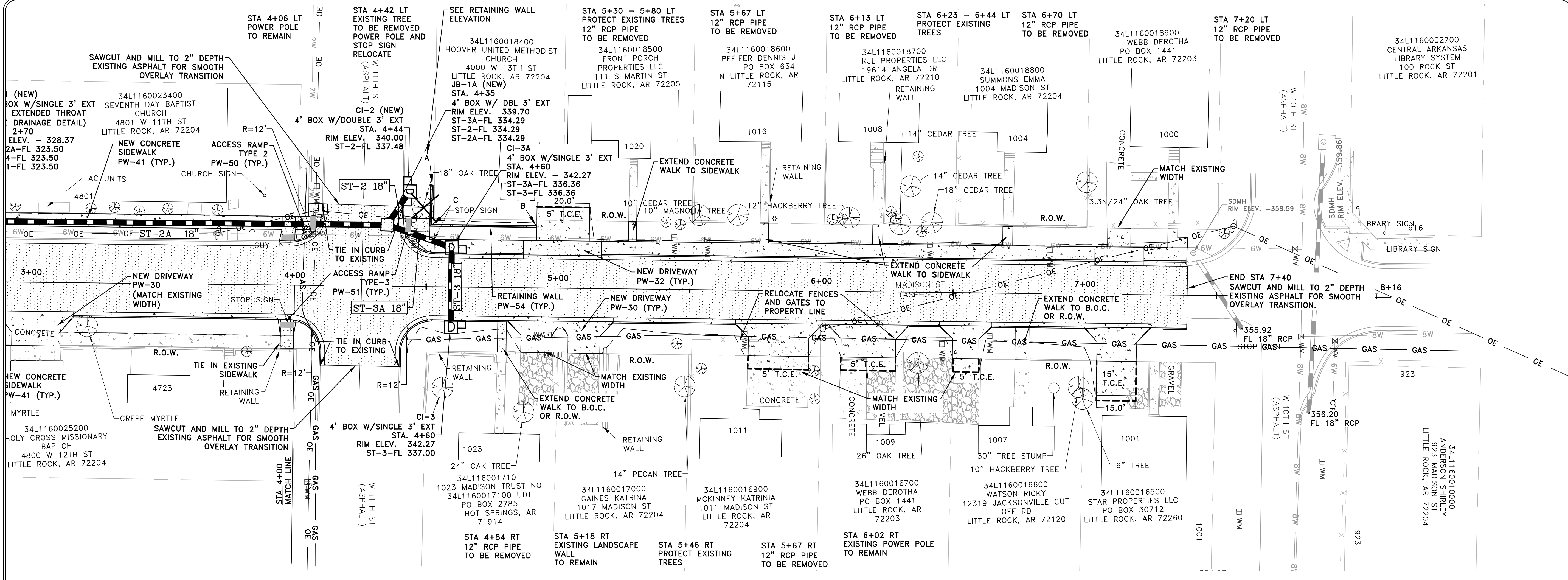
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 PROJECT NO.  
 02-17-ST-79  
 SHEET NO.  
**C4**







REVISIONS	DATE

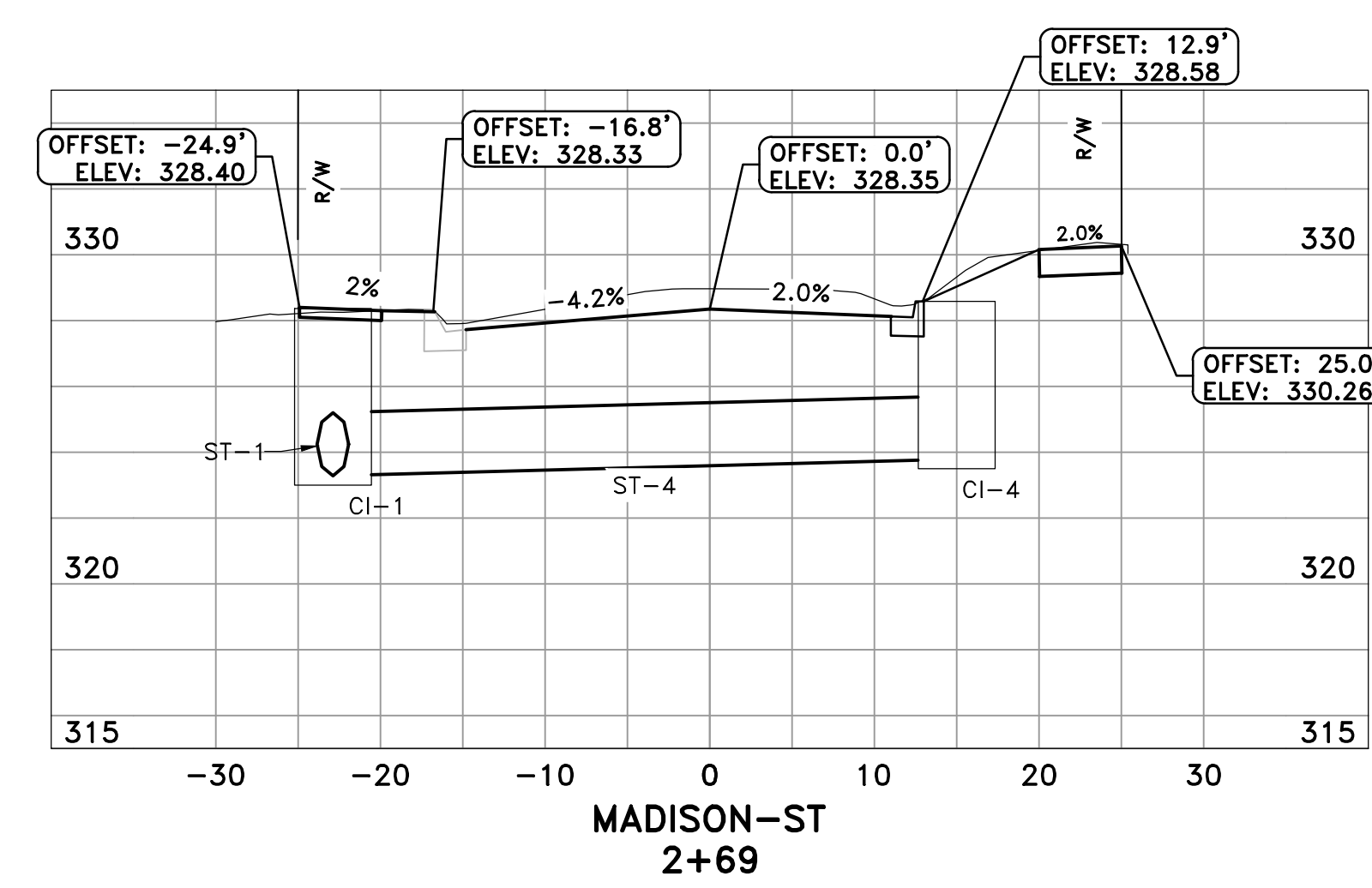
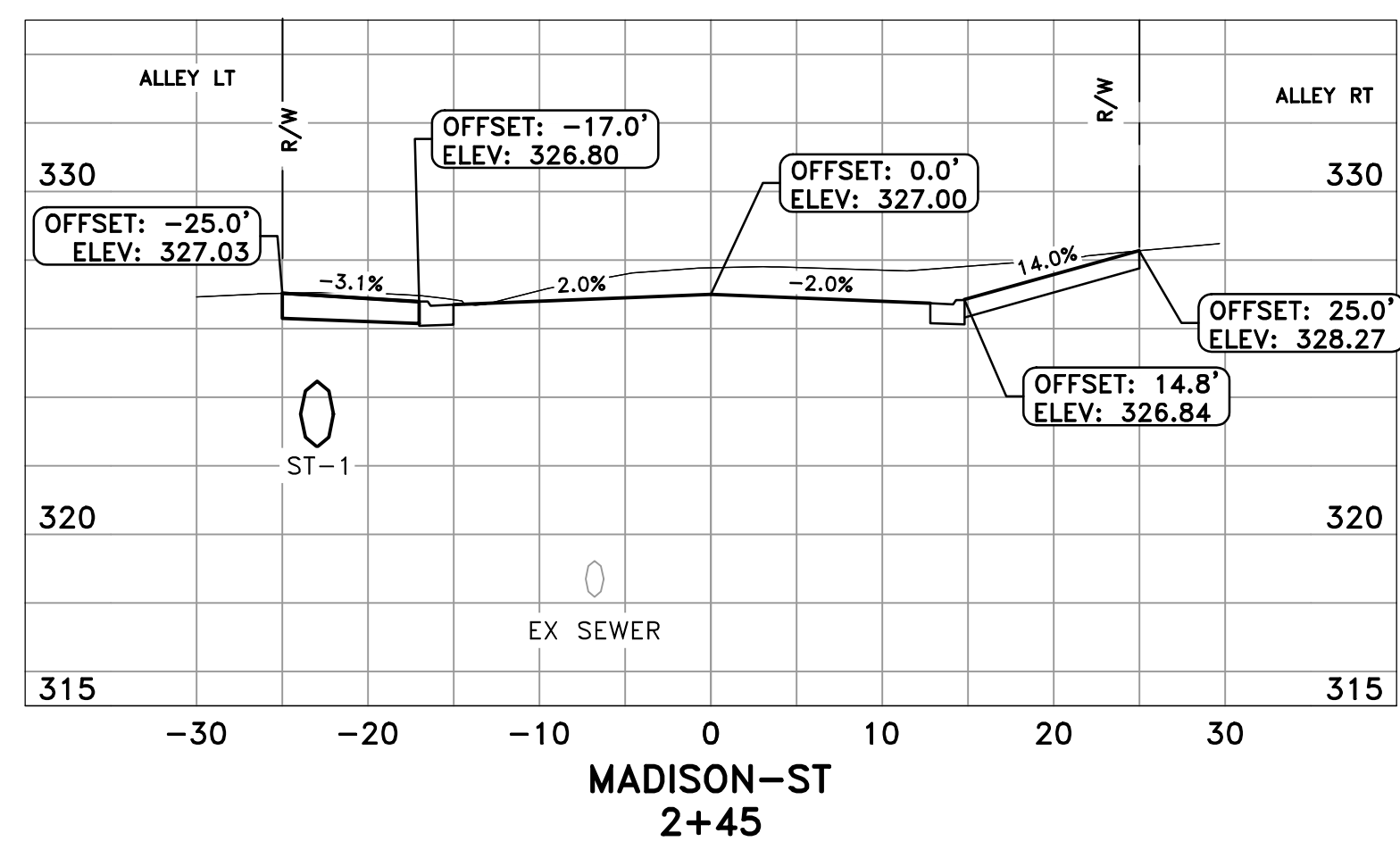
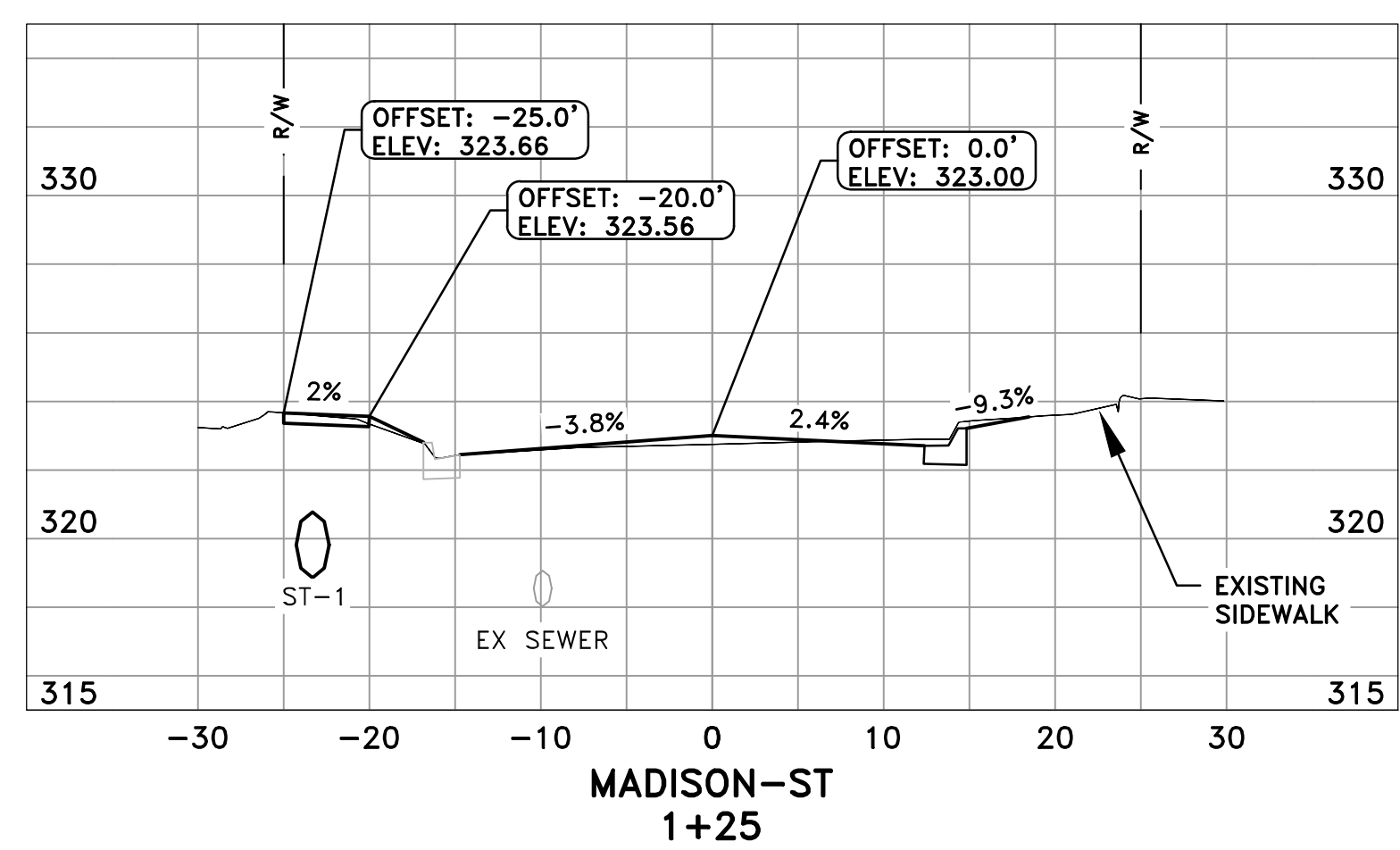
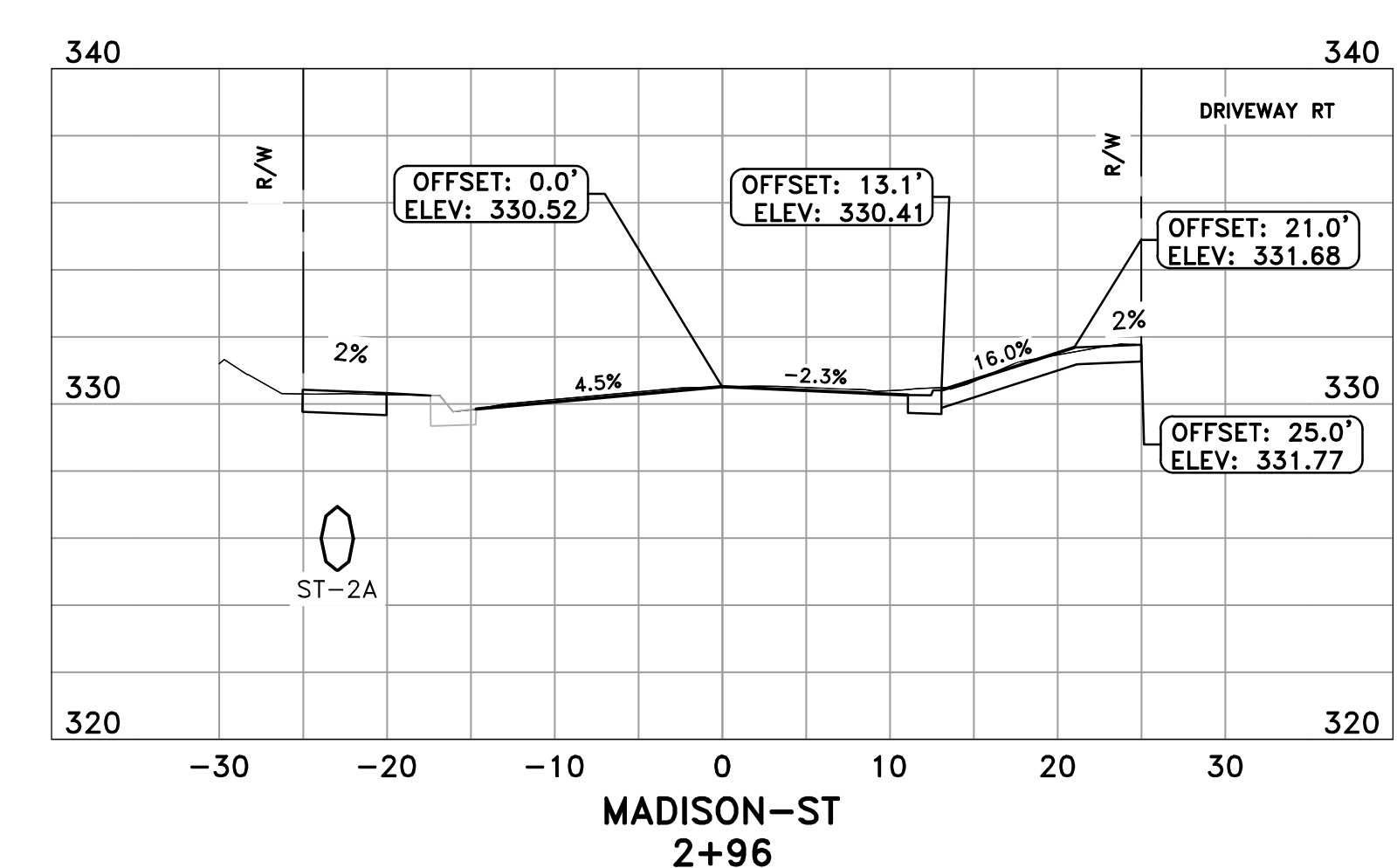
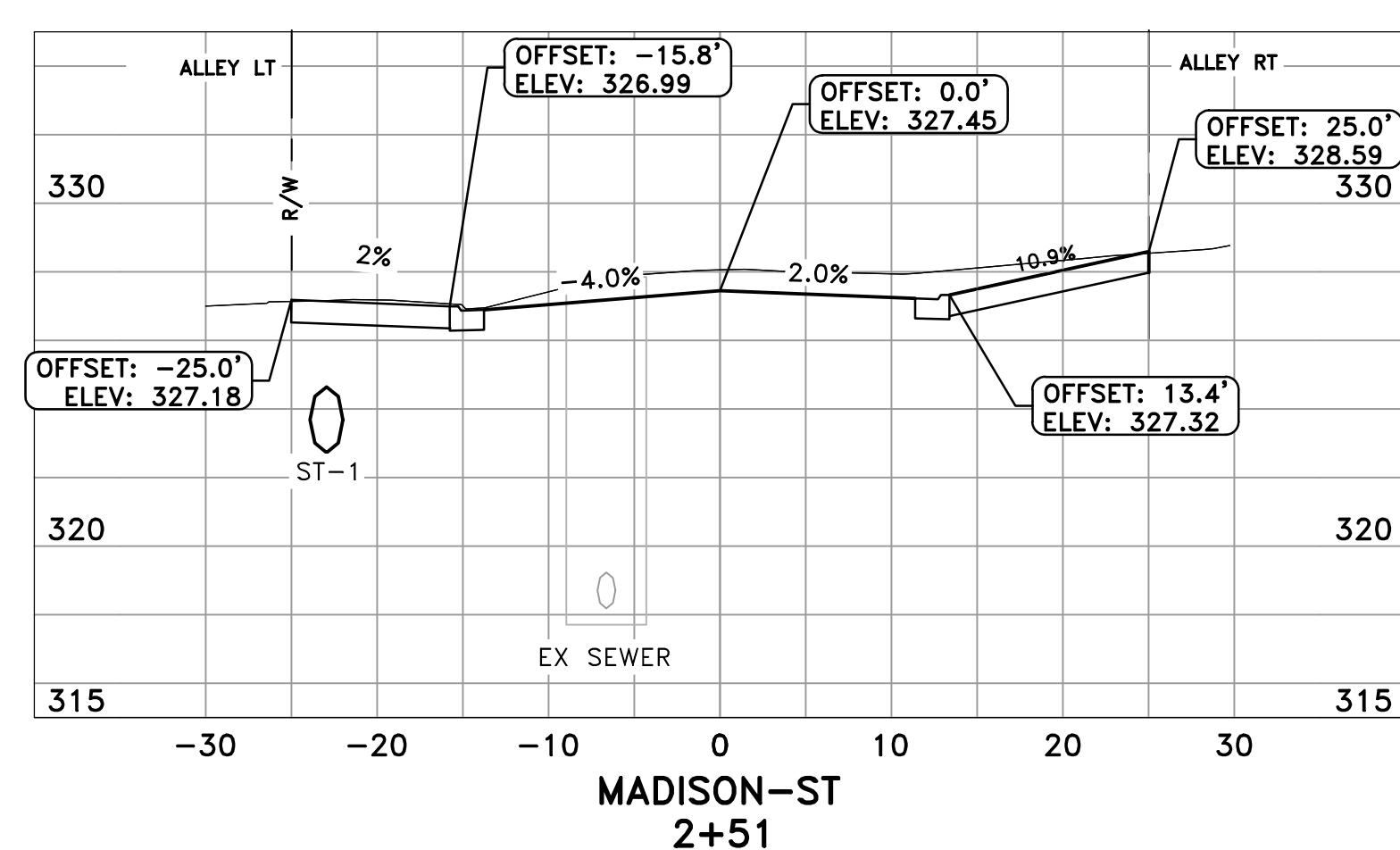
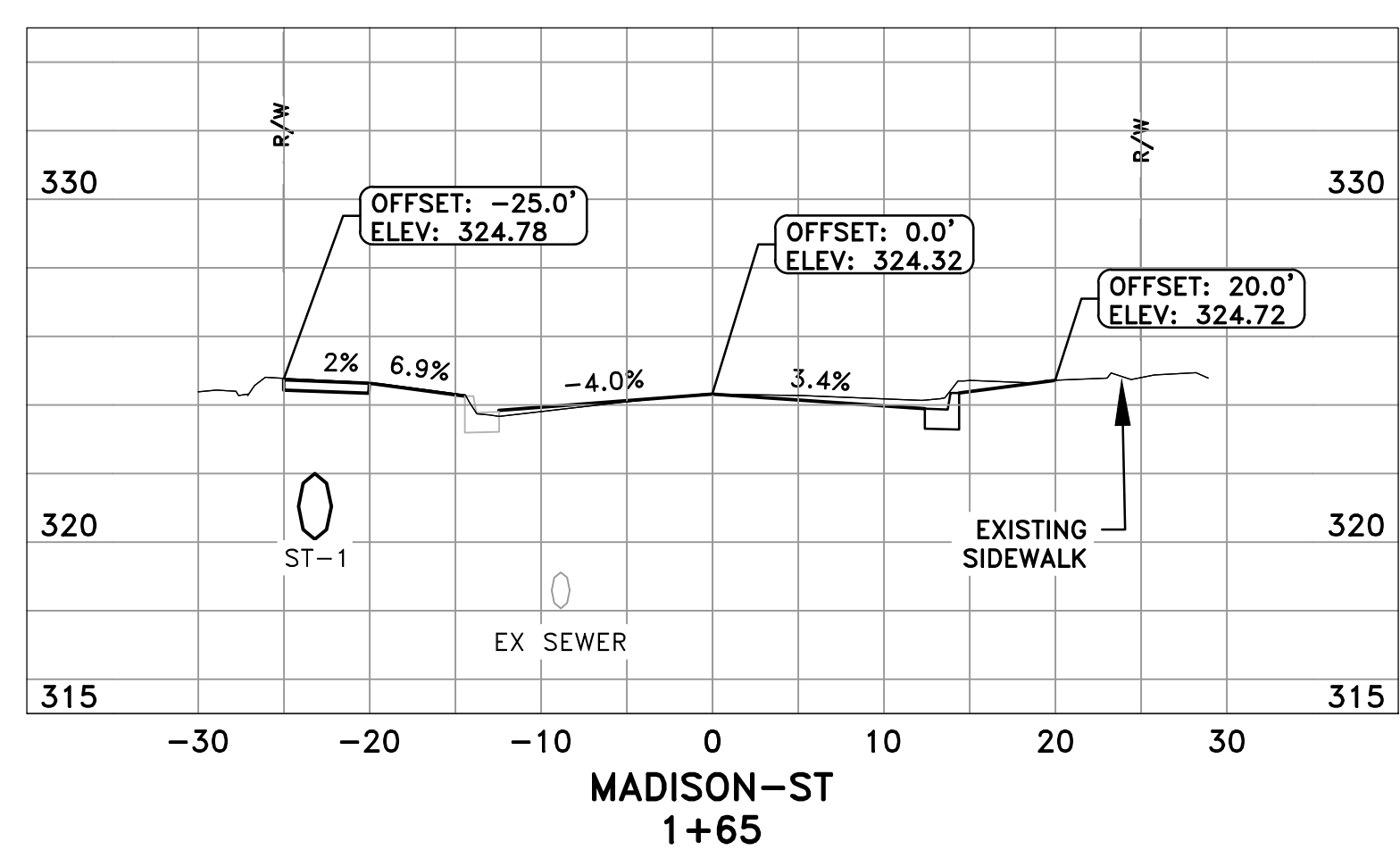
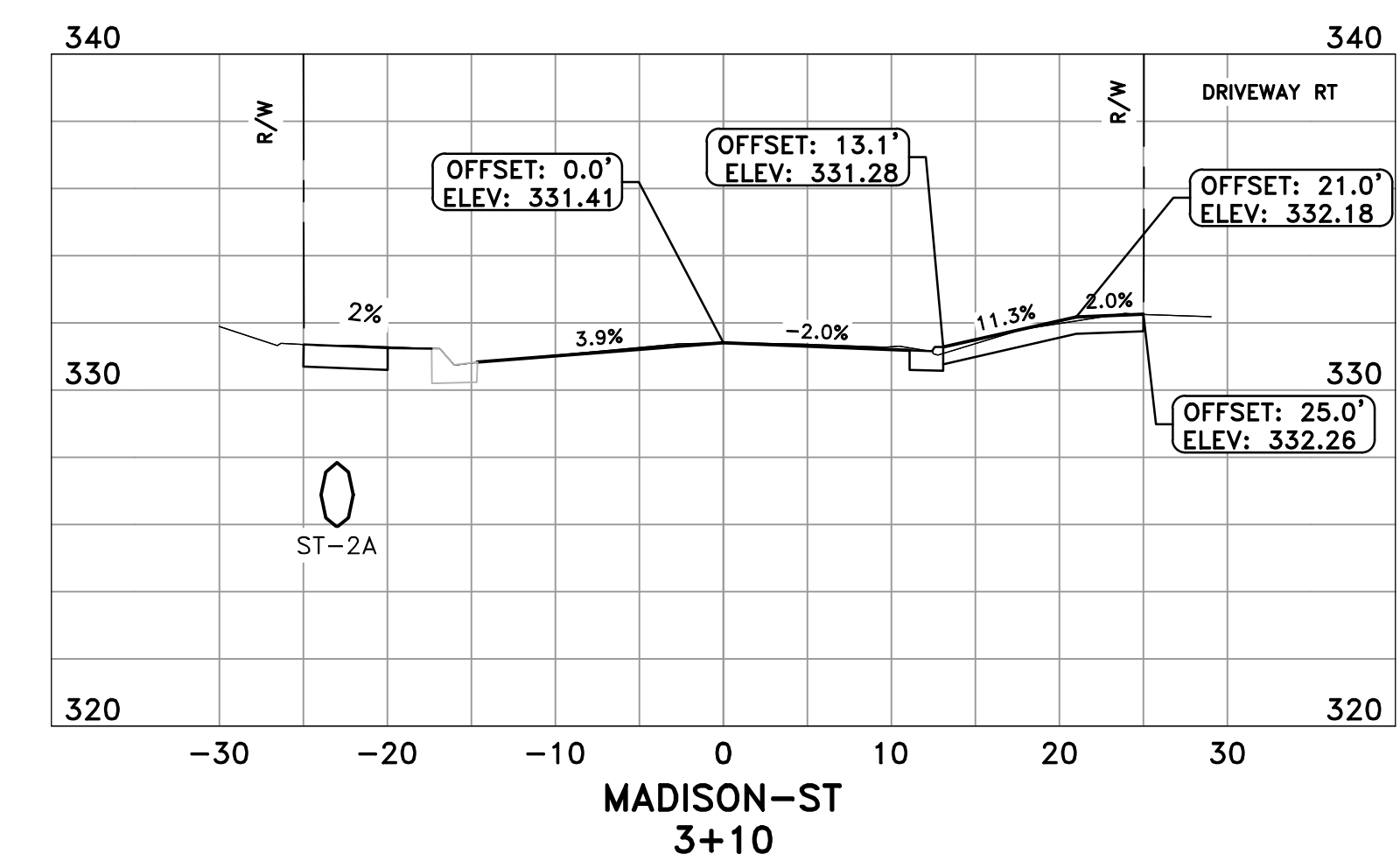
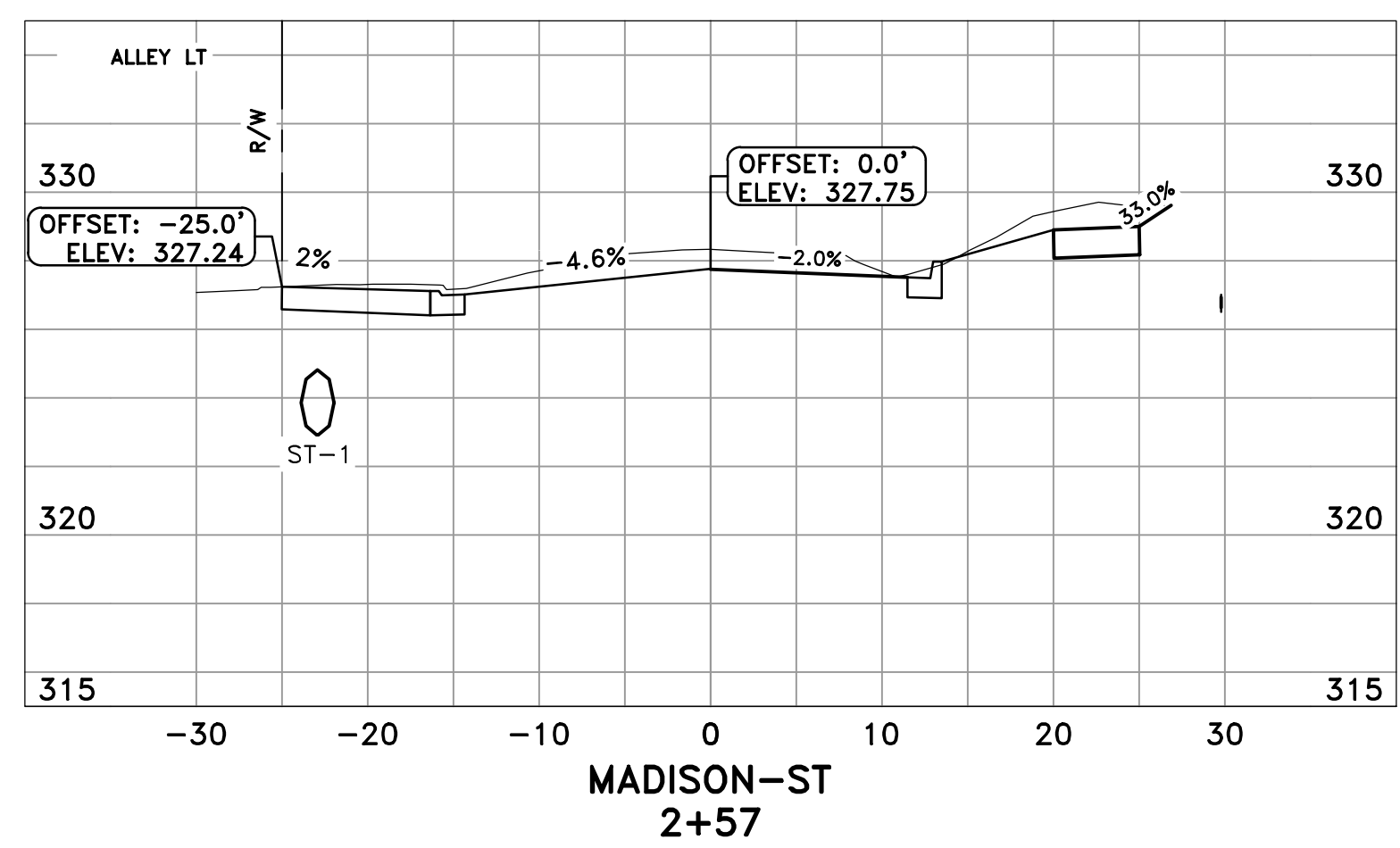
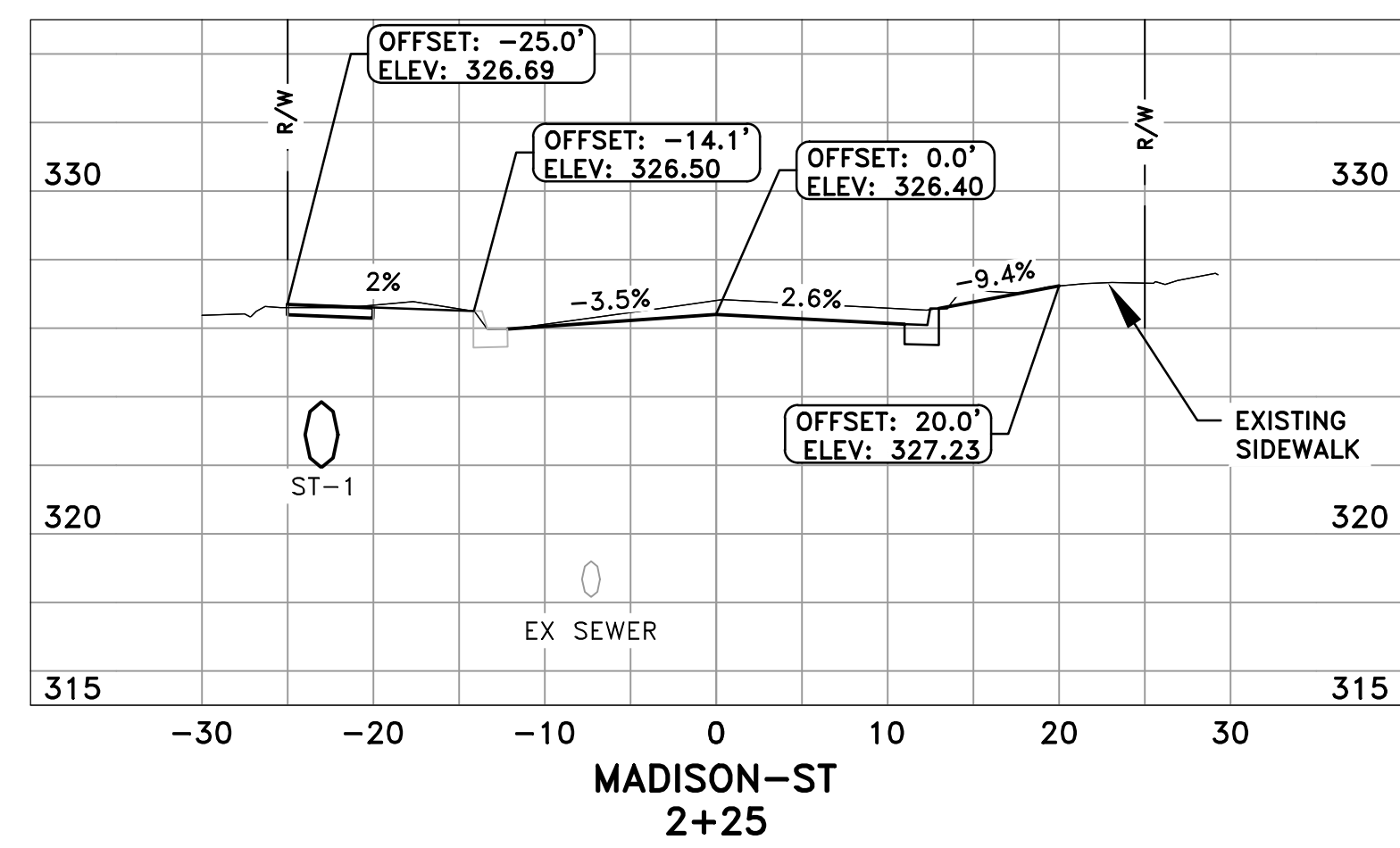
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**MADISON STREET RECONSTRUCTION**  
 PLAN AND PROFILE - II

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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

DEPARTMENT OF PUBLIC WORKS  
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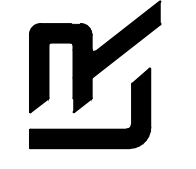


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PROJECT NO.  
02-17-ST-79  
SHEET NO.  
C6

REVISIONS	DATE

**CITY OF LITTLE ROCK, ARKANSAS**  
**MADISON STREET RECONSTRUCTION**  
**CROSS SECTIONS - II**

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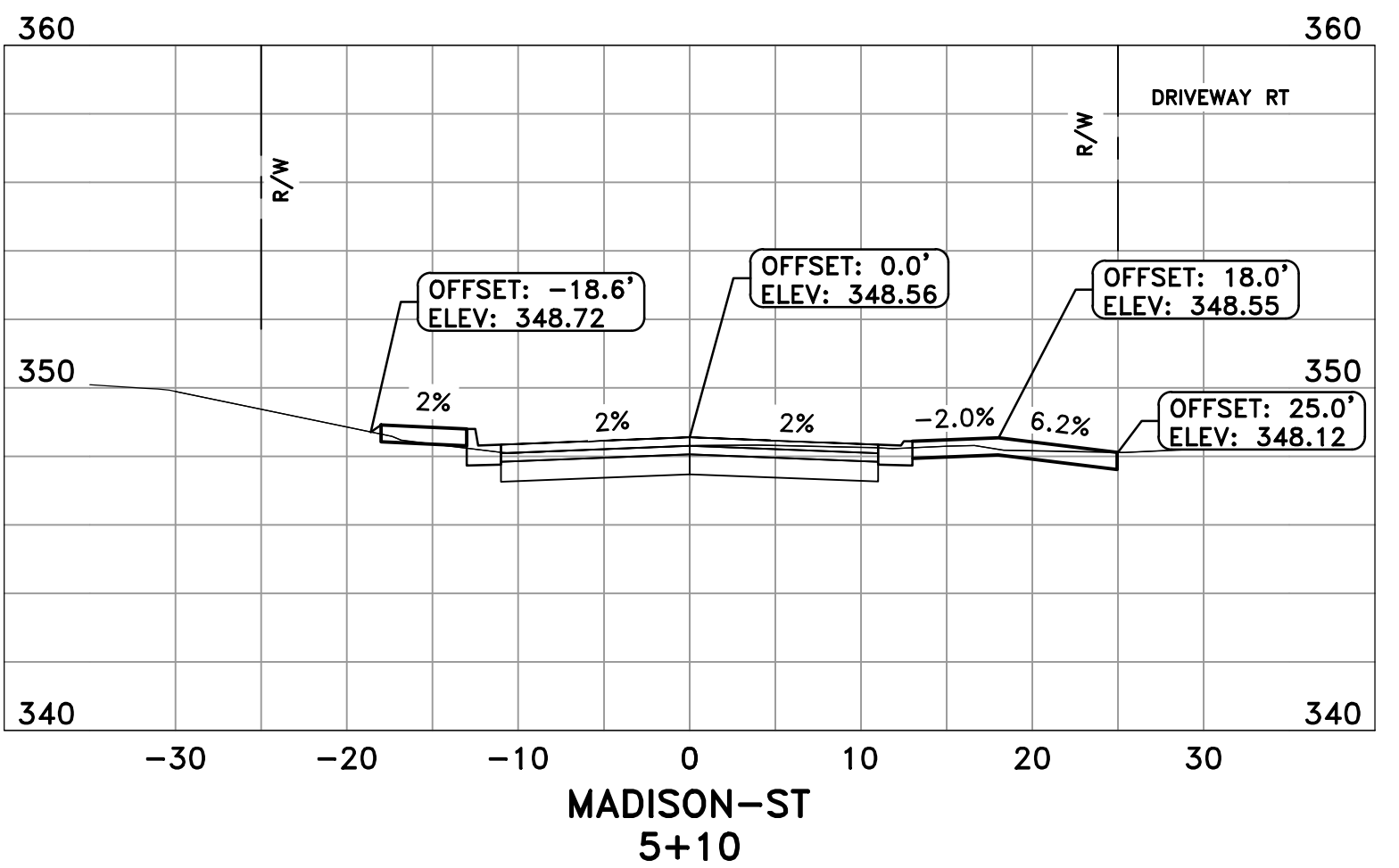
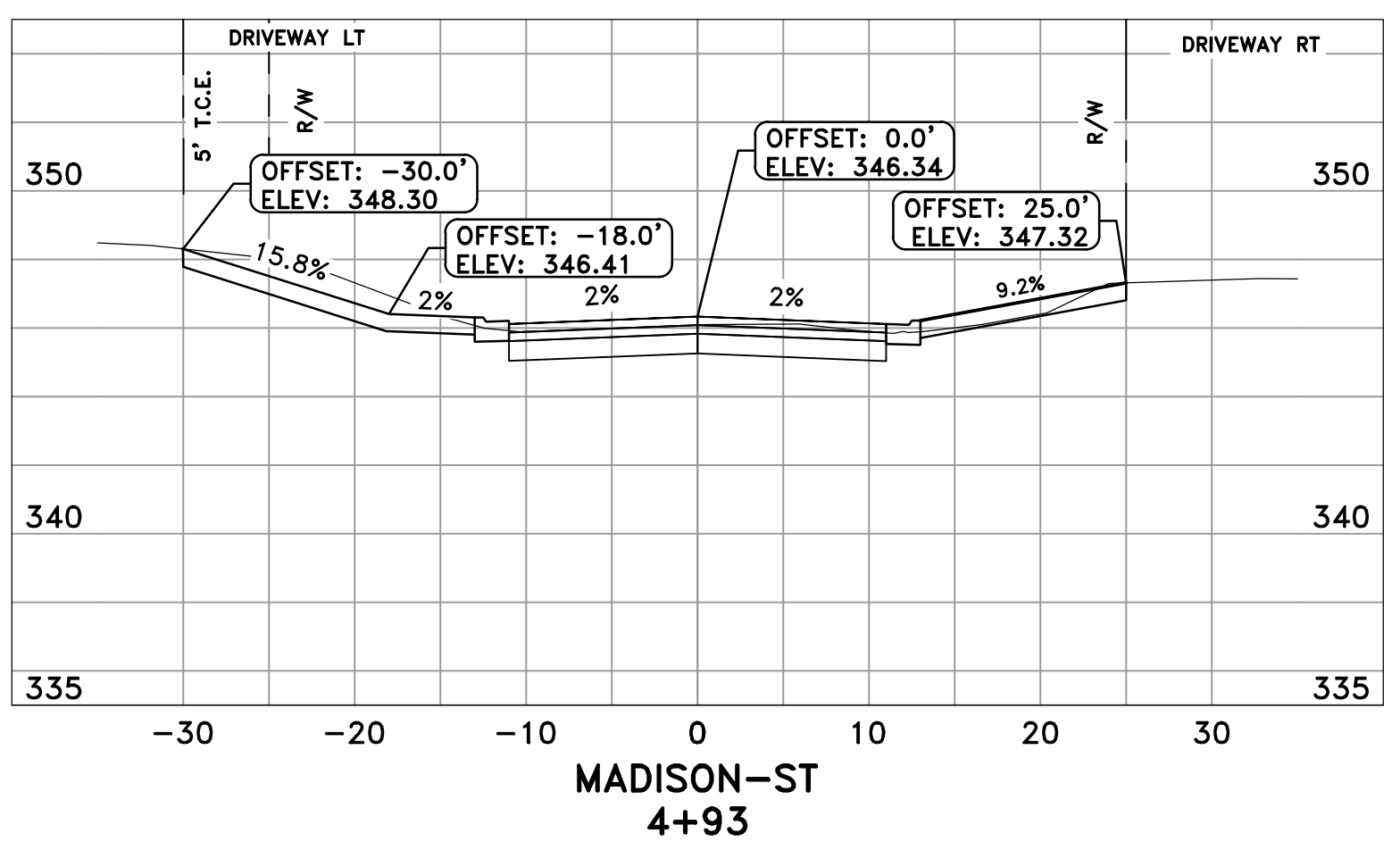
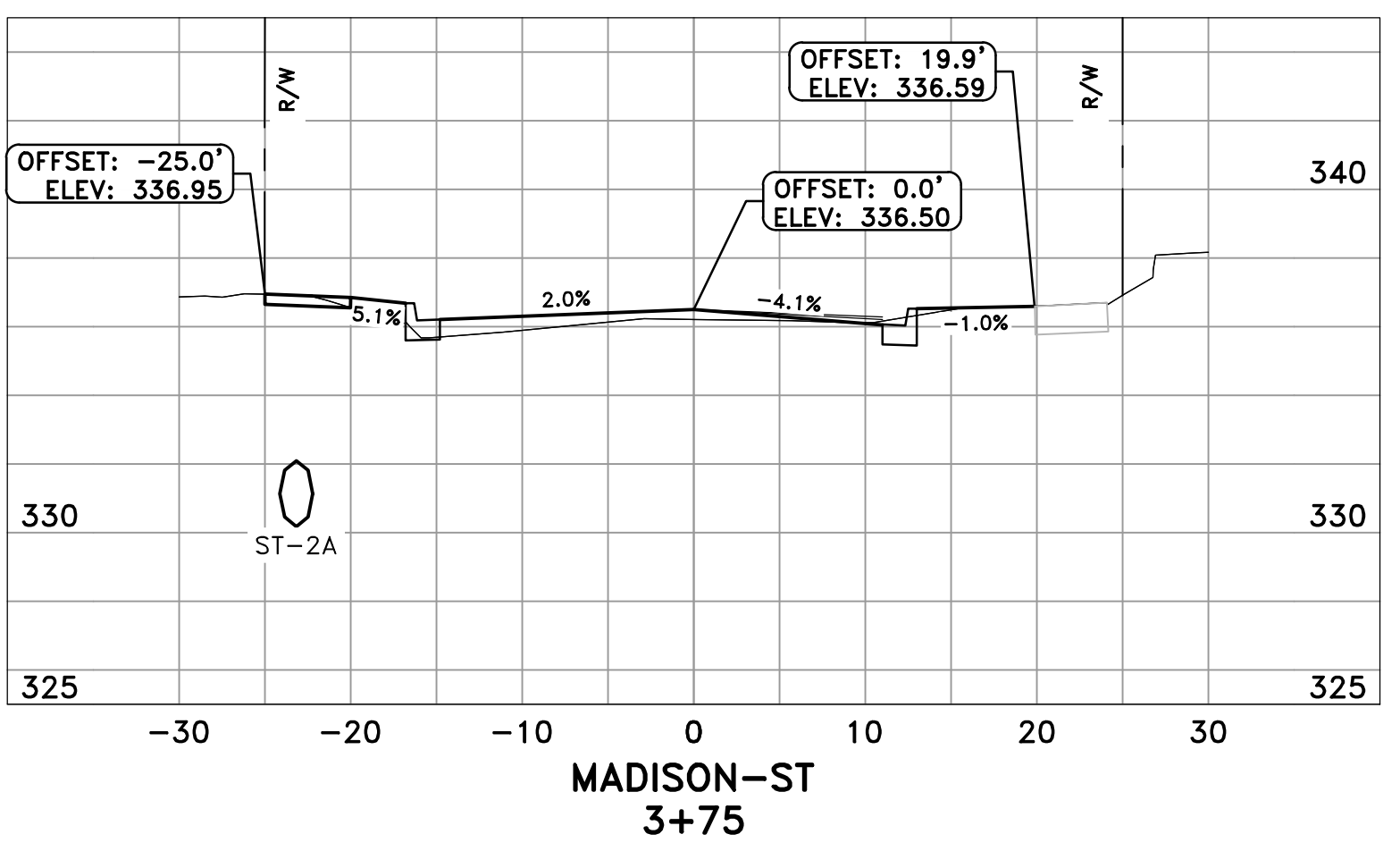
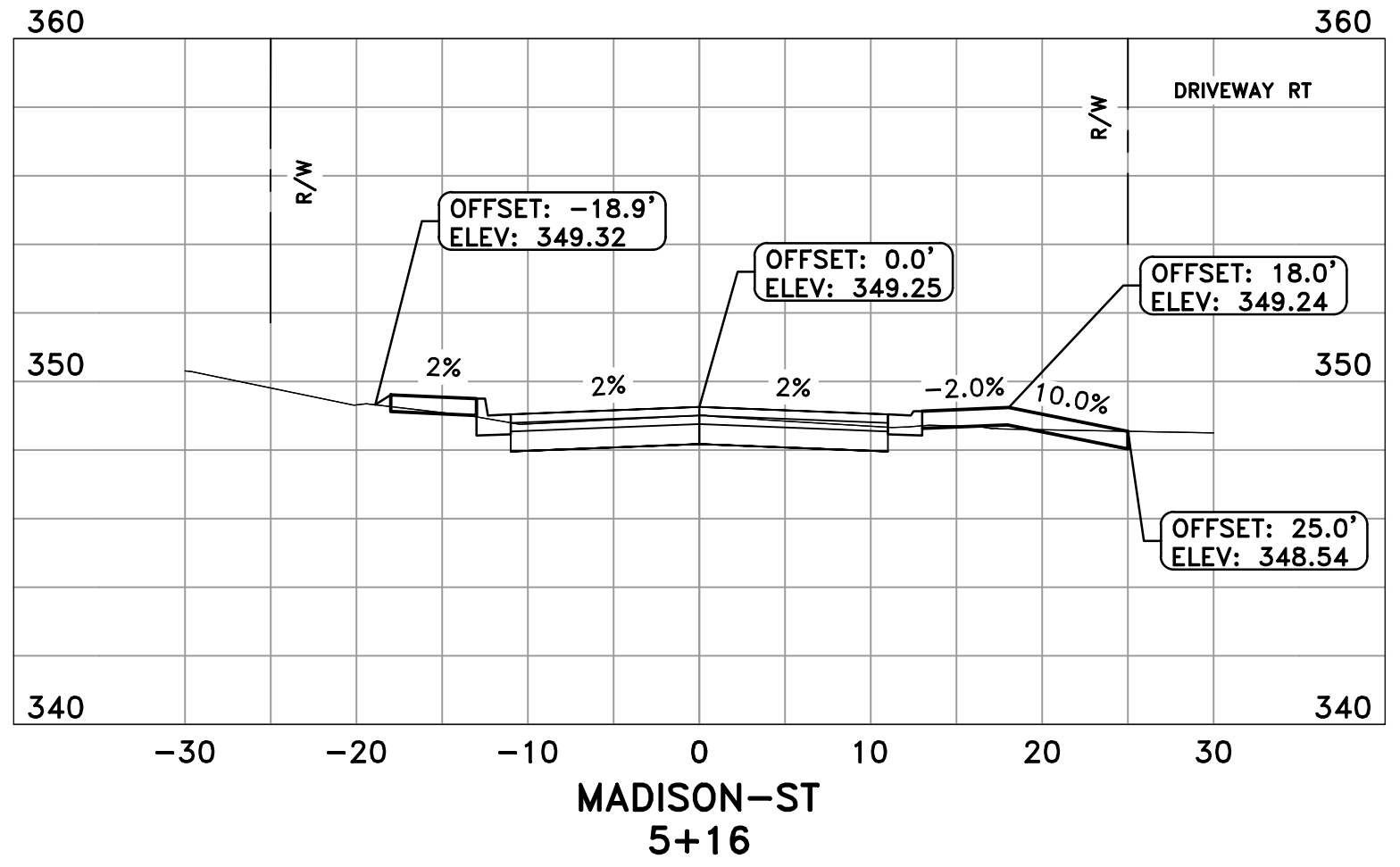
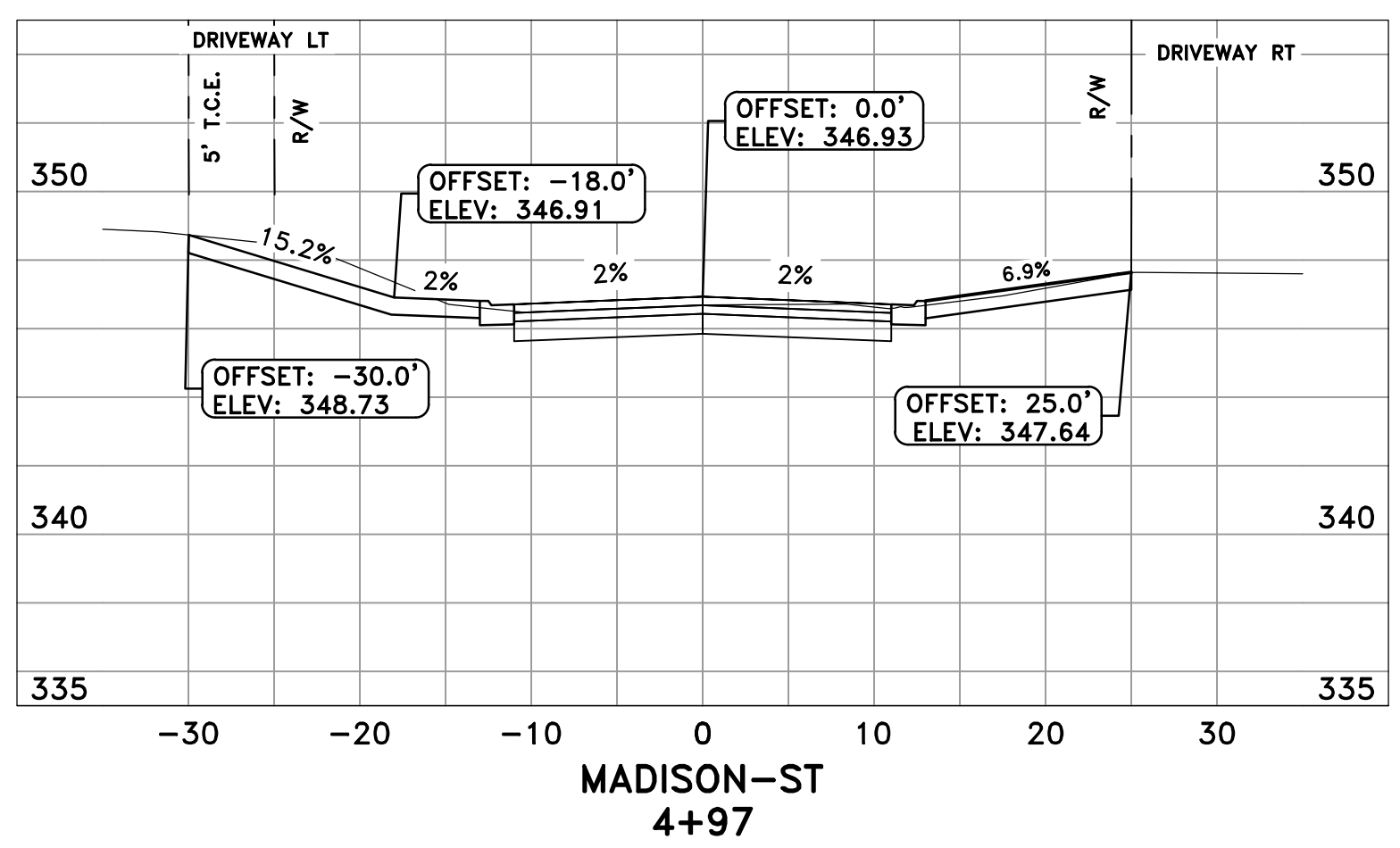
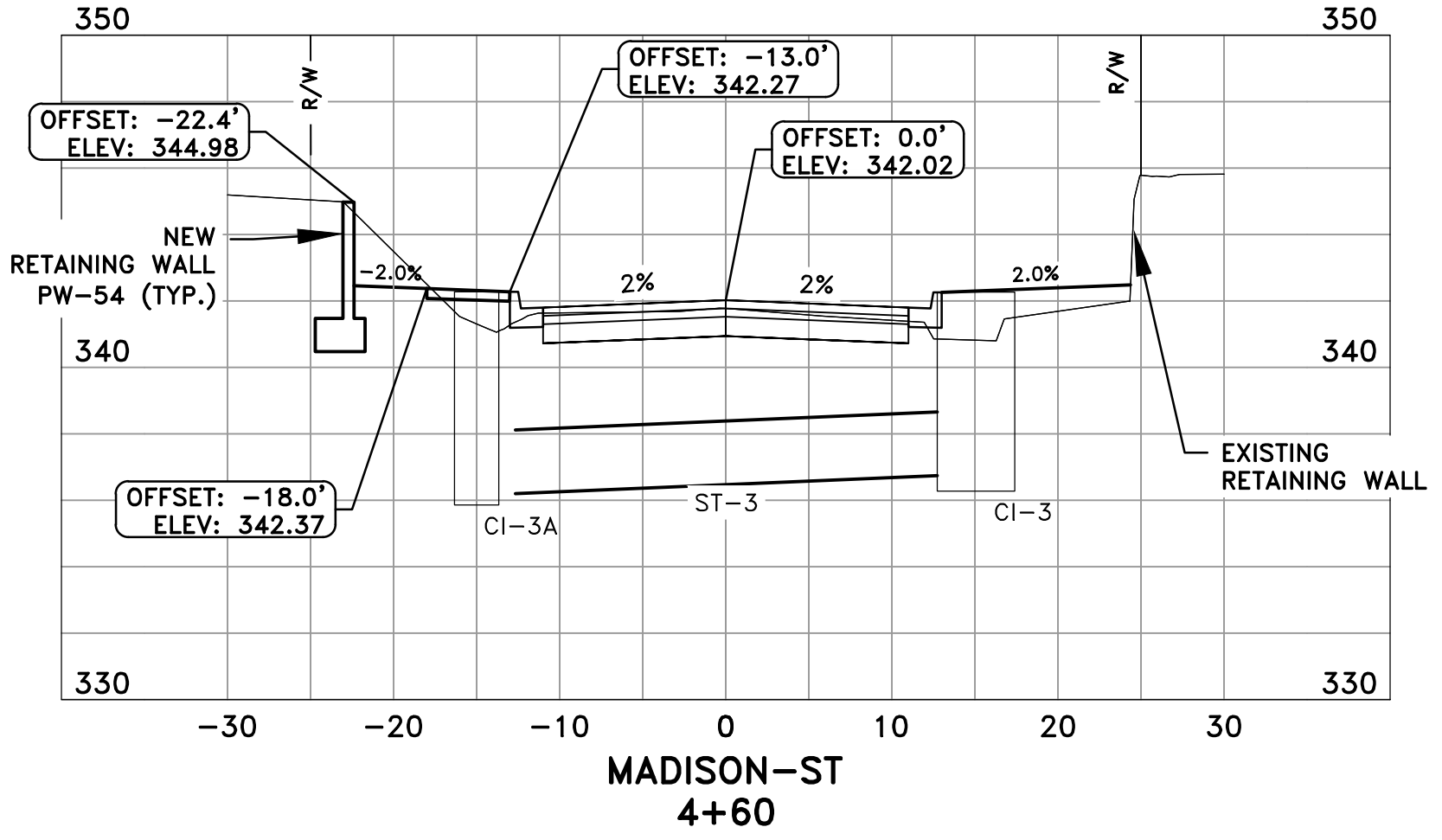
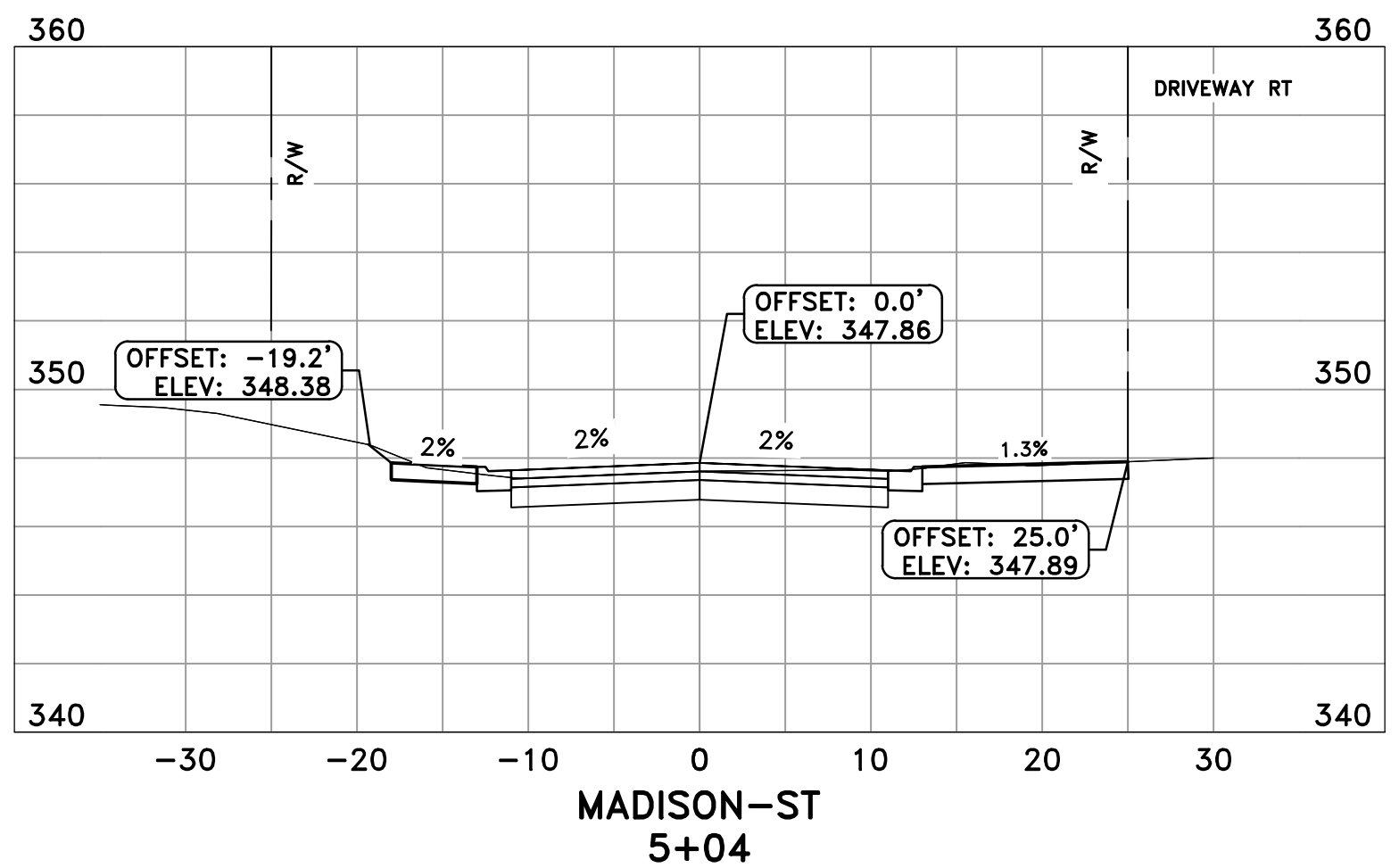
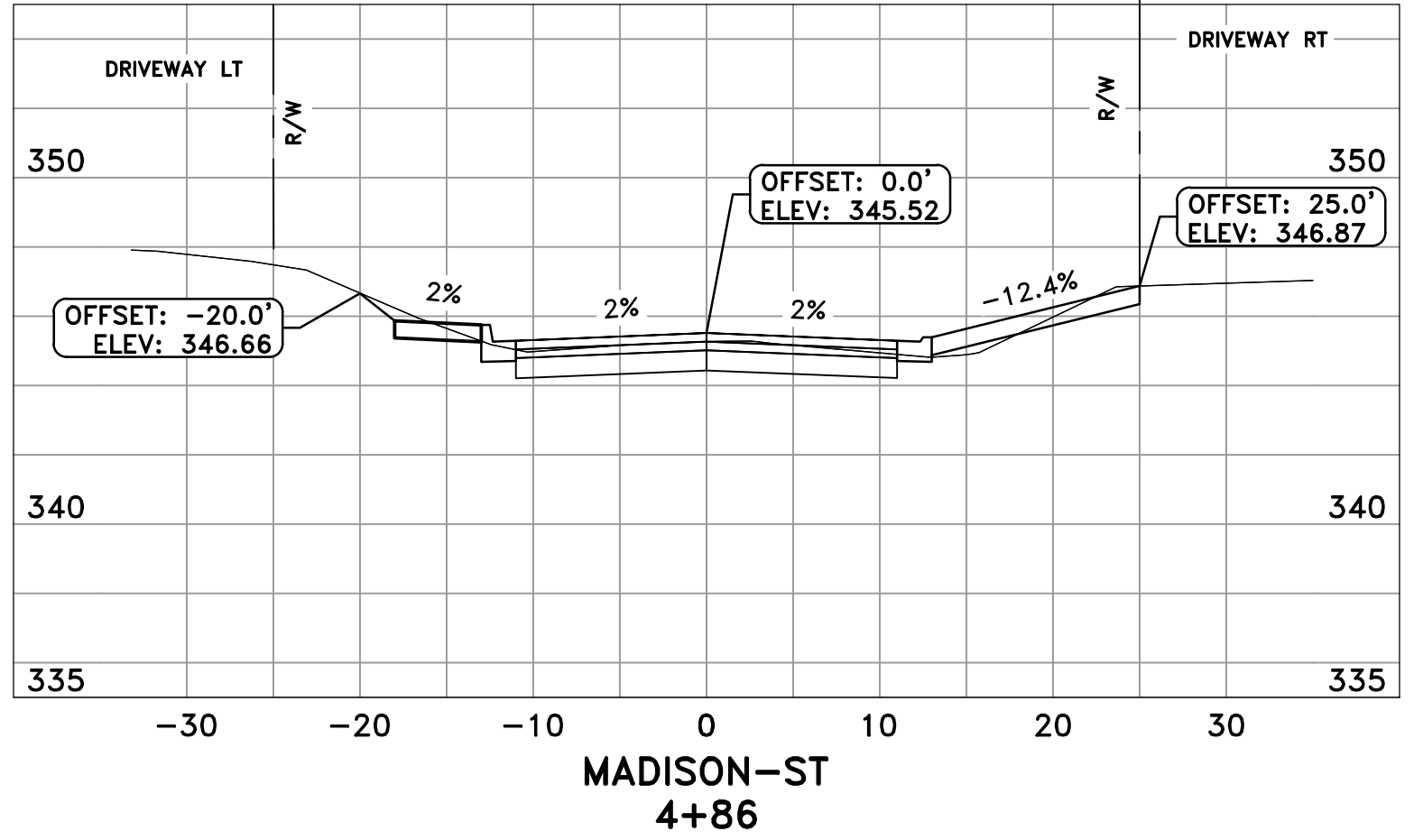
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**PROJECT NO.**  
02-17-ST-79

**SHEET NO.**  
C7





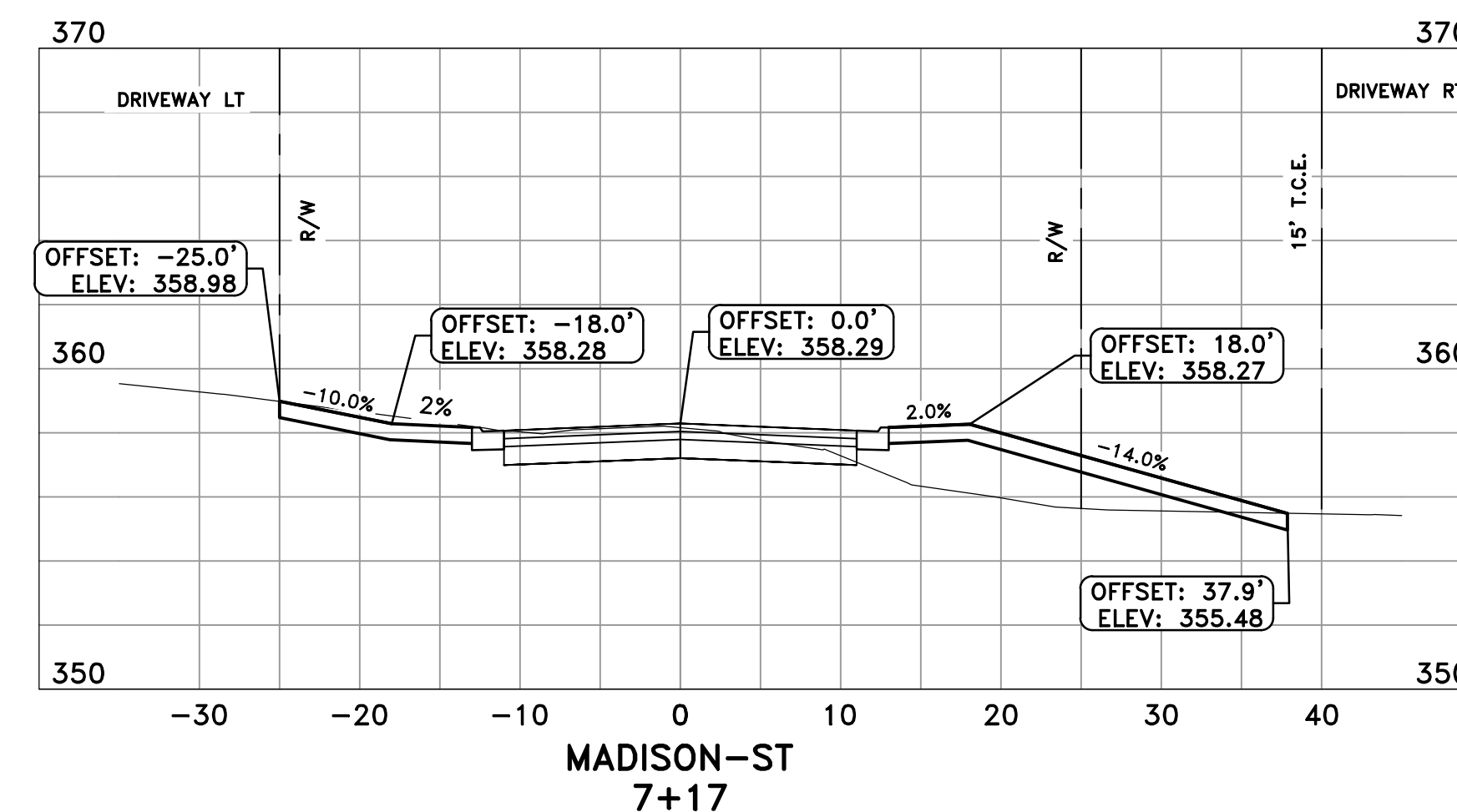
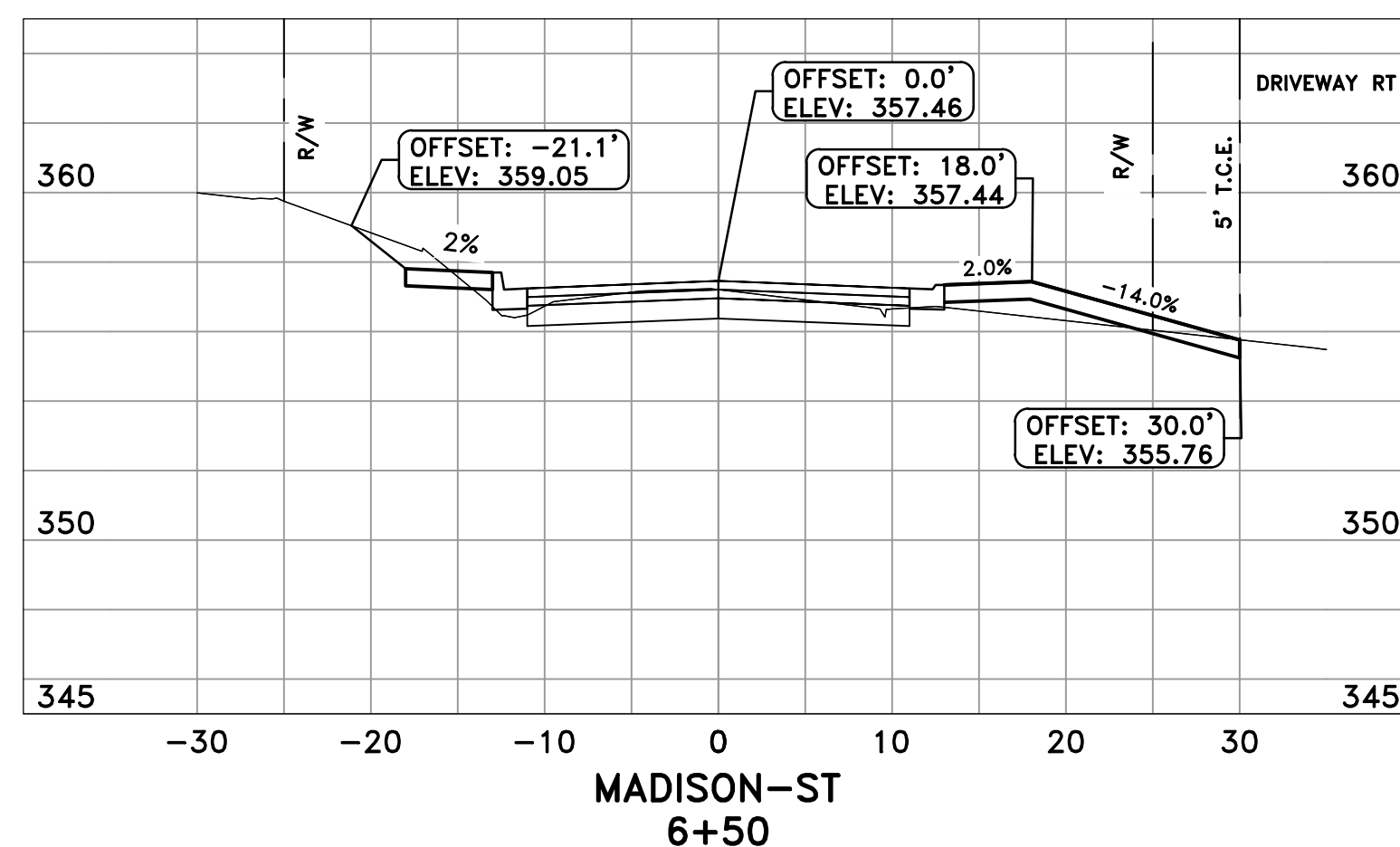
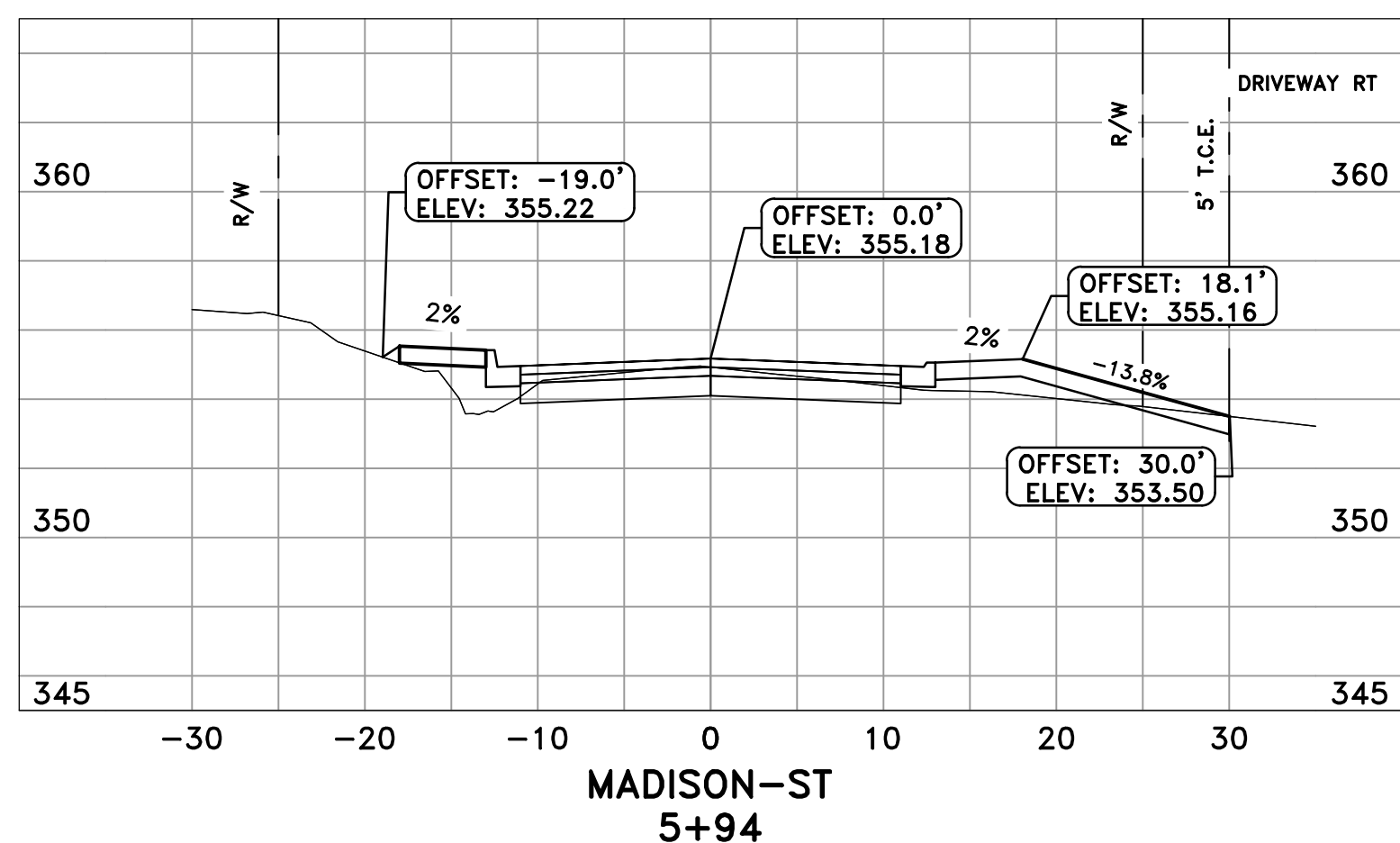
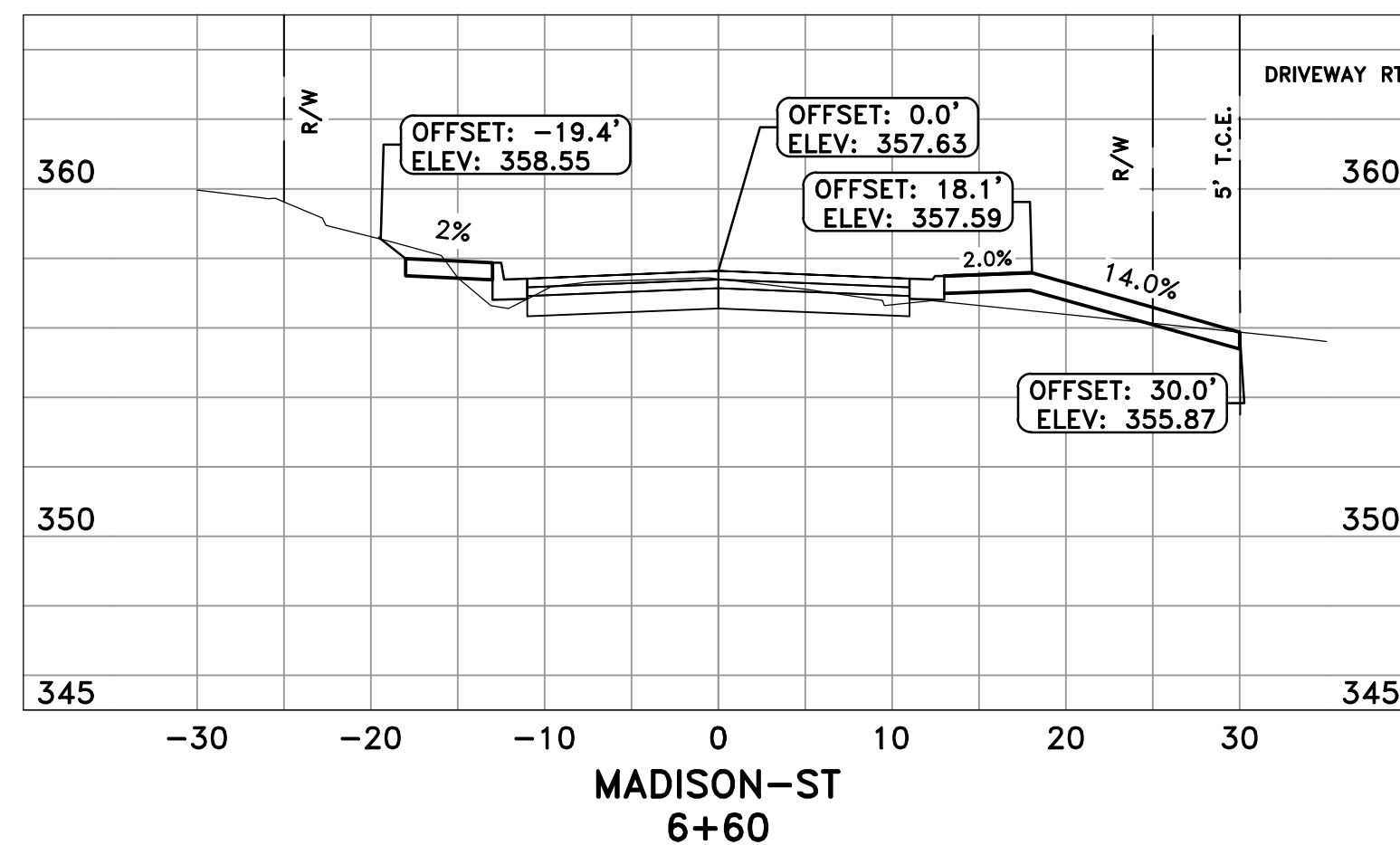
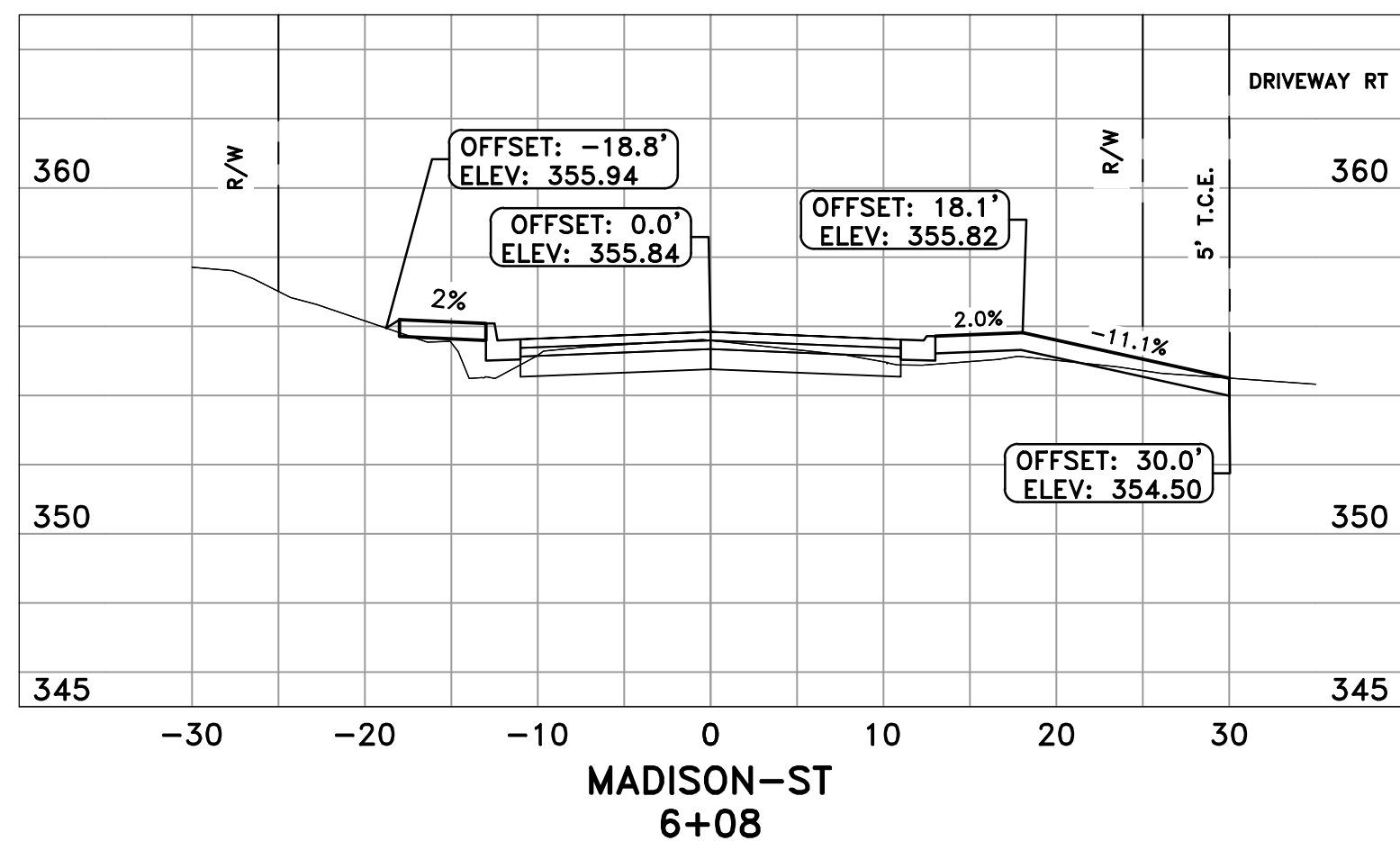
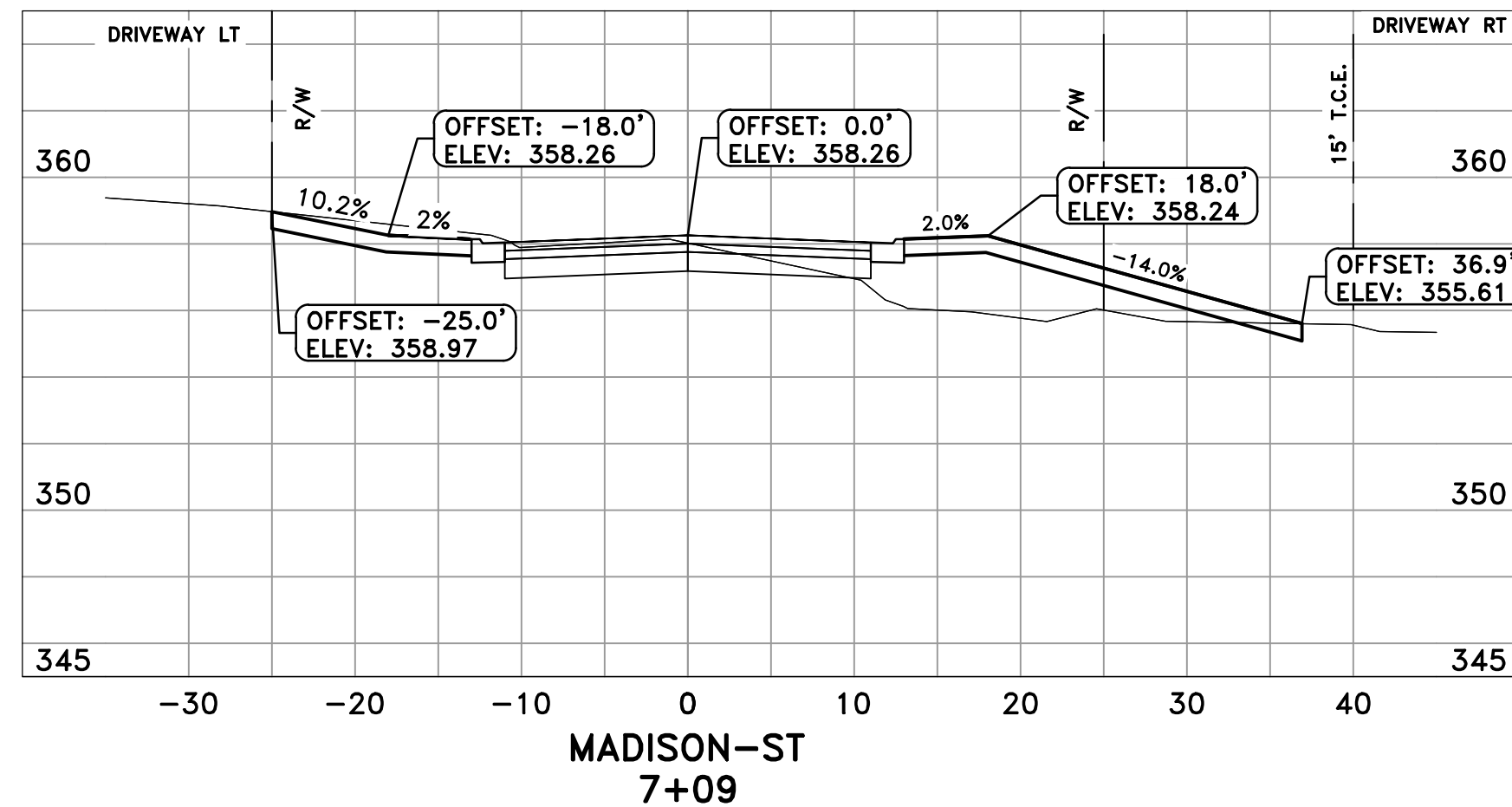
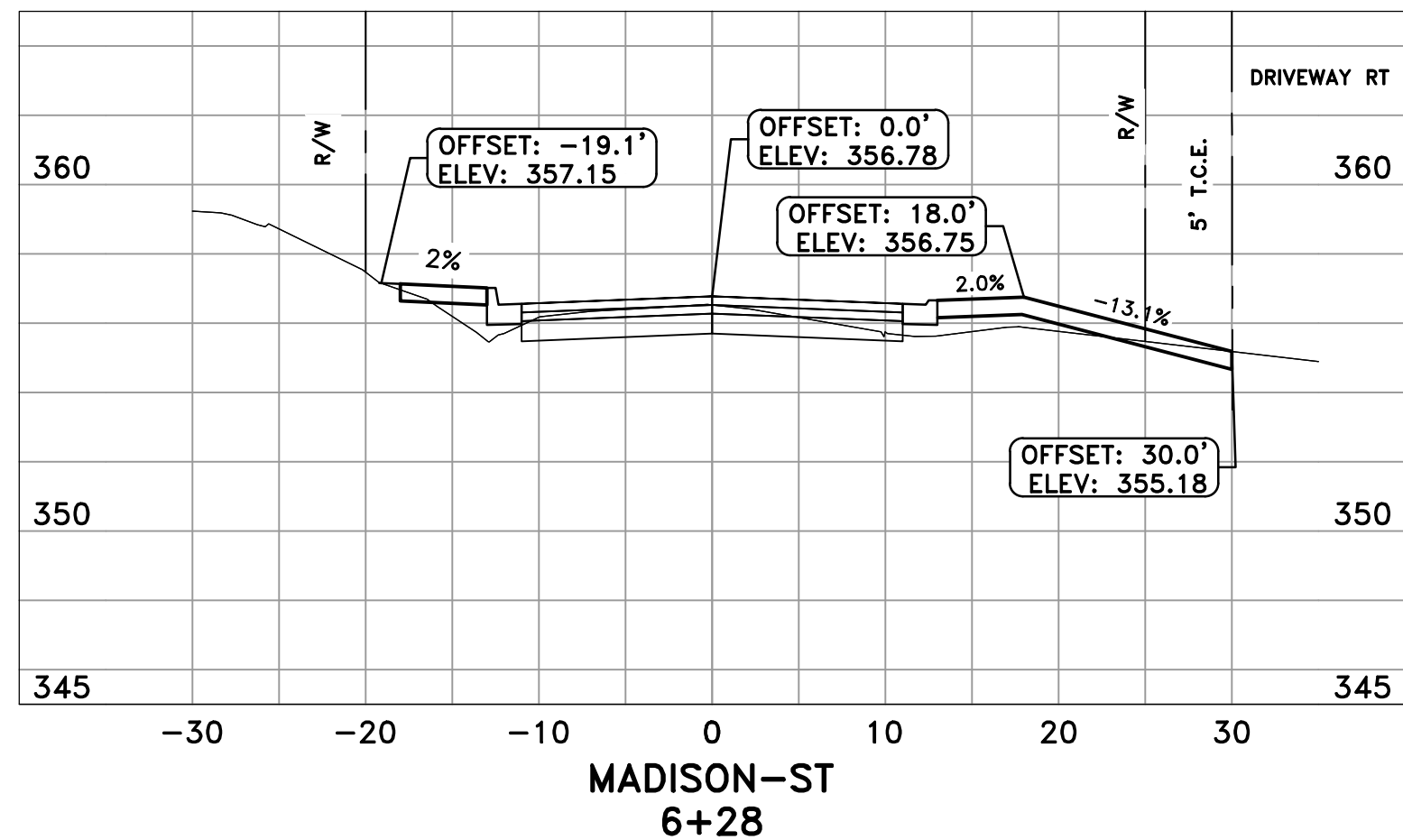
REVISIONS	DATE

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

DEPARTMENT OF PUBLIC WORKS  
CIVIL ENGINEERING  
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LITTLE ROCK, ARKANSAS 72201



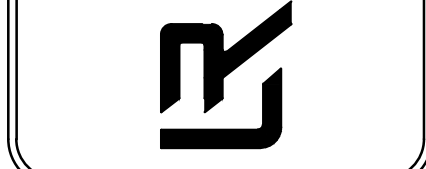
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PROJECT NO.  
02-17-ST-79  
SHEET NO.  
C8



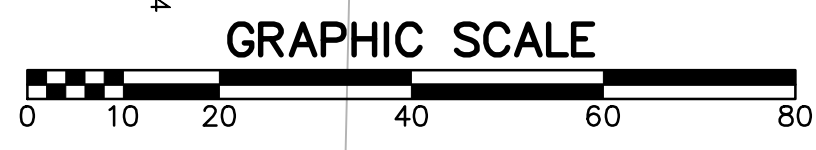
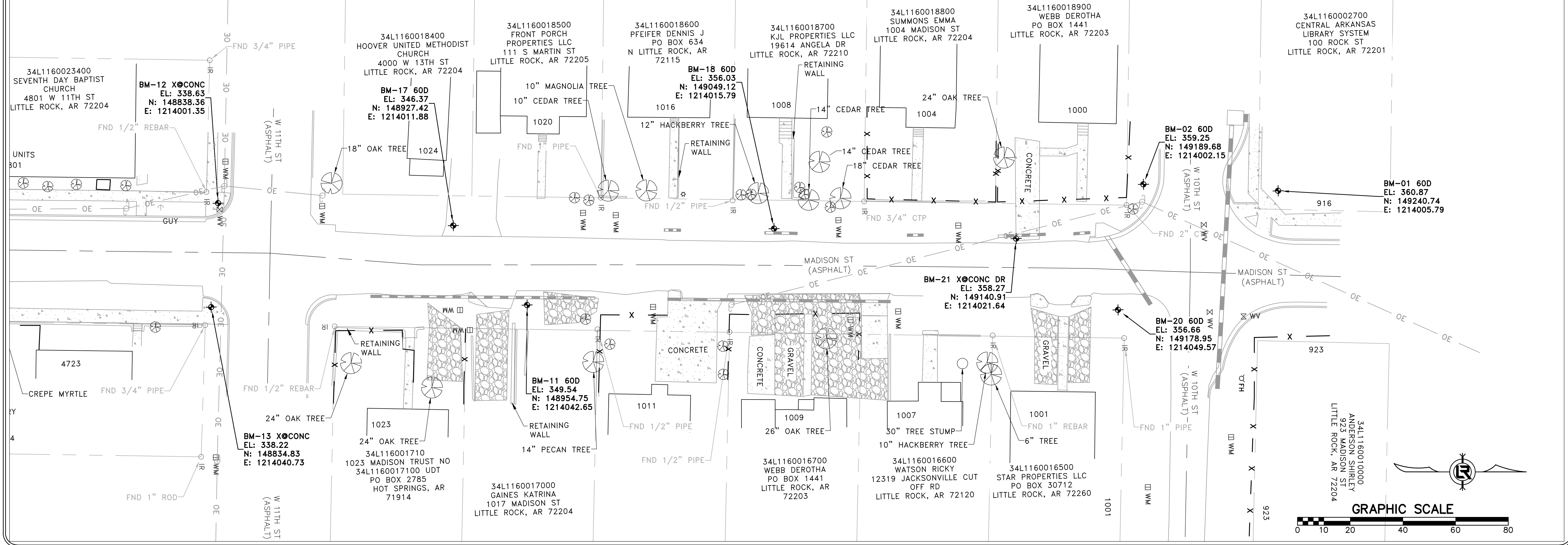
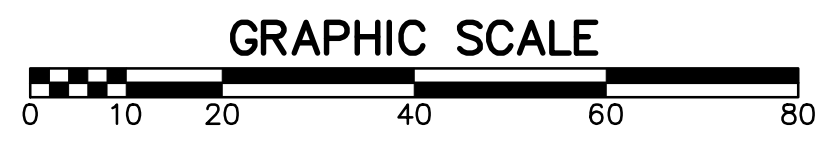
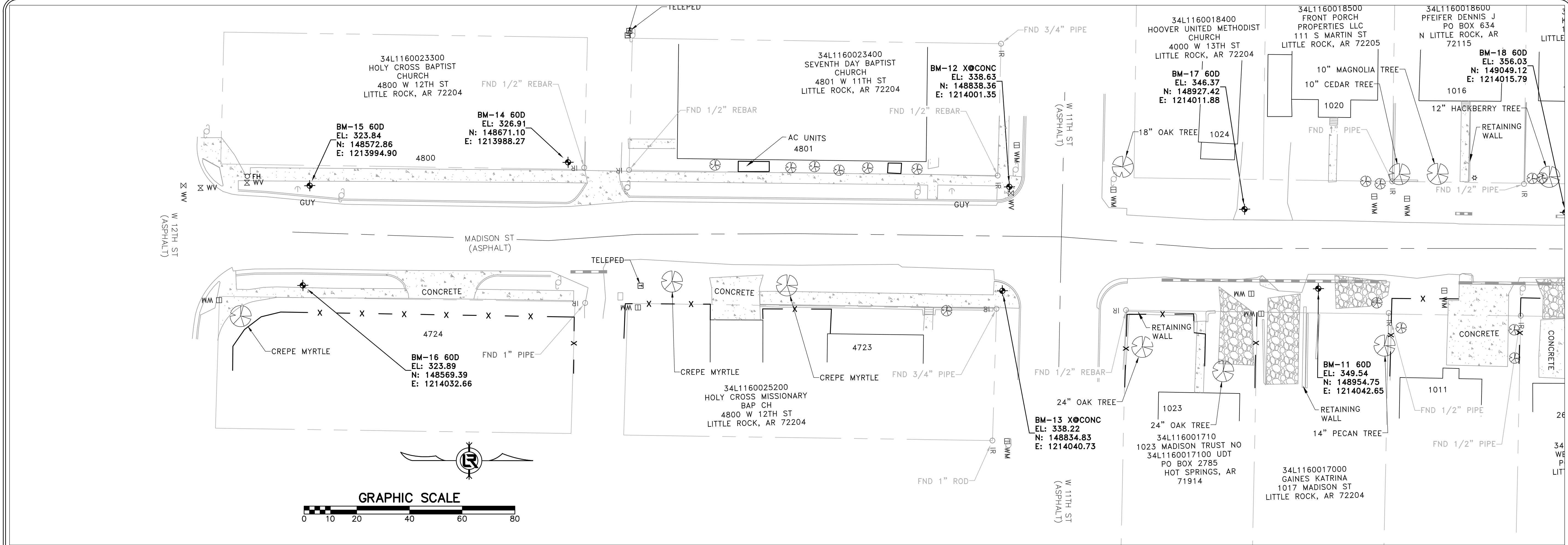
REVISIONS	DATE

**CITY OF LITTLE ROCK, ARKANSAS**  
**MADISON STREET RECONSTRUCTION**  
**SURVEY CONTROL PLAN**

DEPARTMENT OF PUBLIC WORKS  
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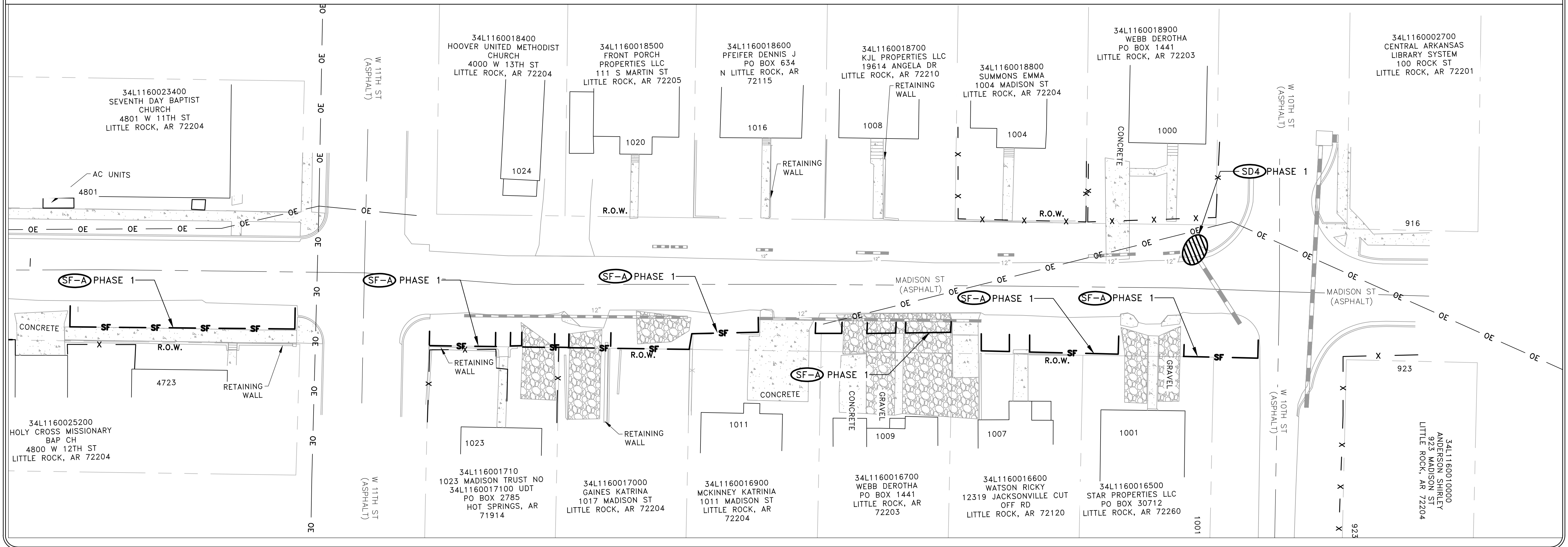
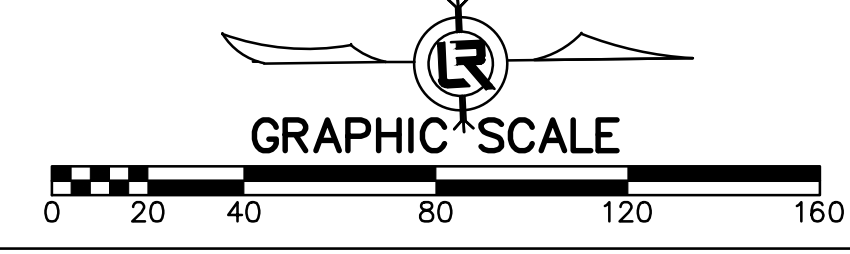
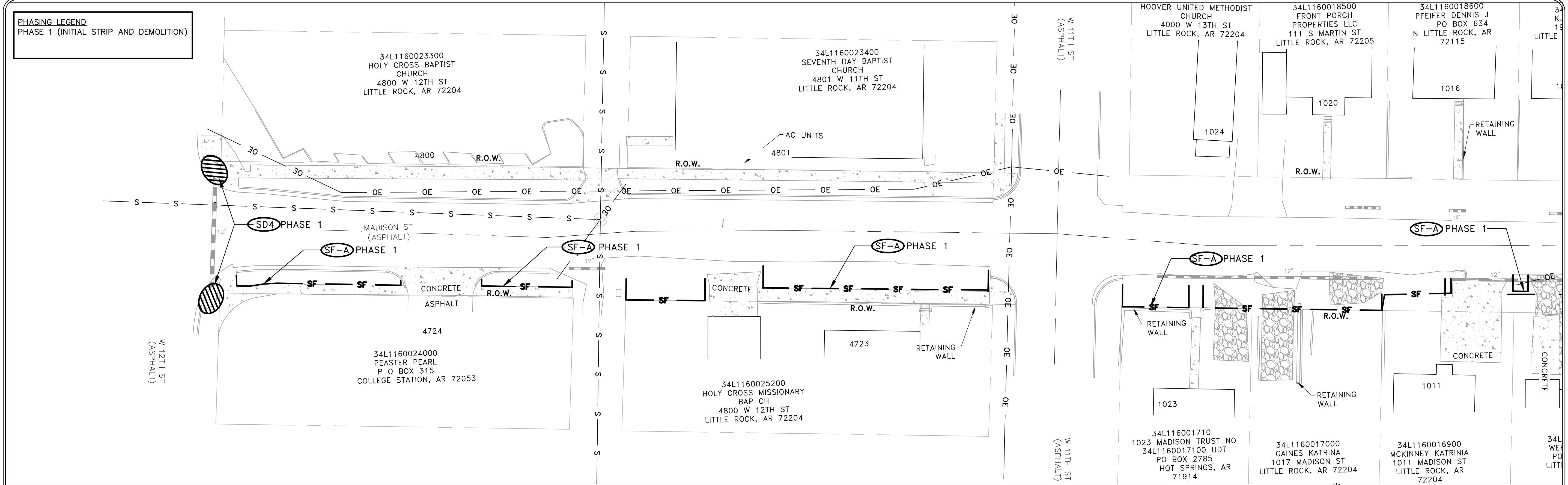
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NHC & VJW  
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1"=20' (22X34)  
**PROJECT NO.**  
02-17-ST-79  
**SHEET NO.**  
C9





**PHASING LEGEND**  
 PHASE 1 (INITIAL STRIP AND DEMOLITION)

REVISIONS	DATE



**CITY OF LITTLE ROCK, ARKANSAS**  
**MADISON STREET RECONSTRUCTION**  
**EROSION CONTROL PLAN - PHASE 1**

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



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**SCALE**  
 1" = 20' (22X34)

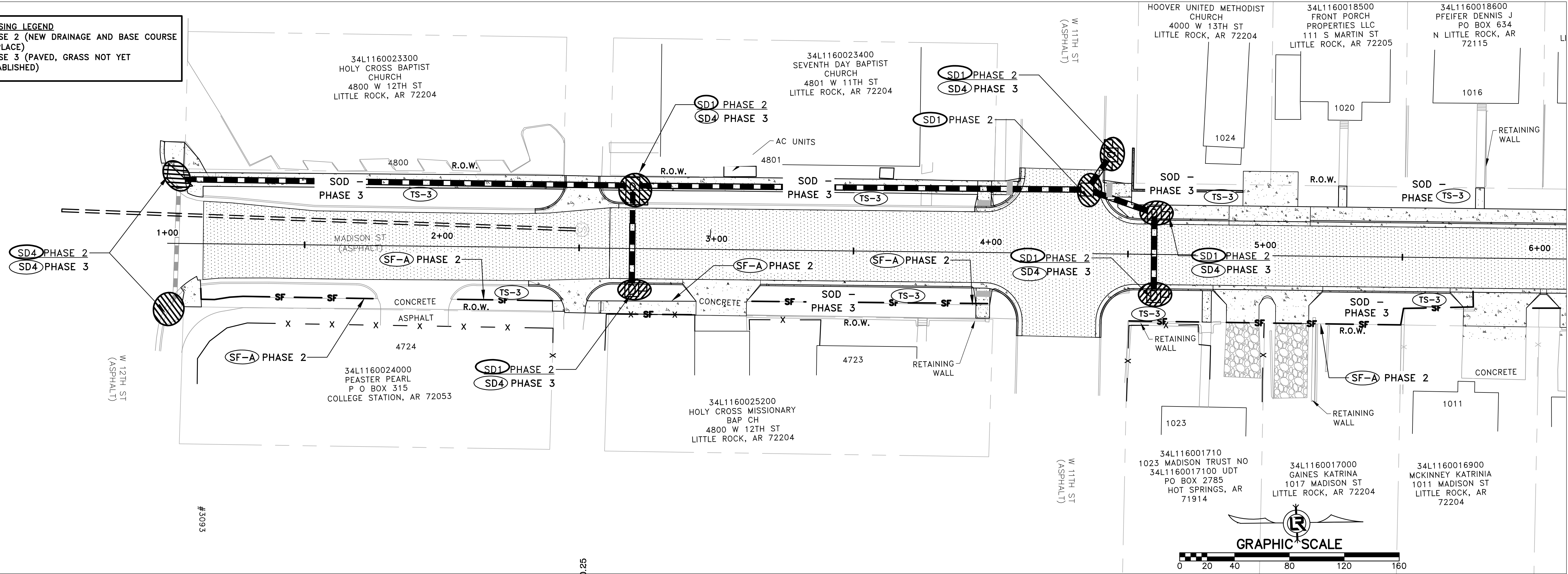
**PROJECT NO.**  
 02-17-ST-79

**SHEET NO.**  
 C10



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

REVISIONS	DATE

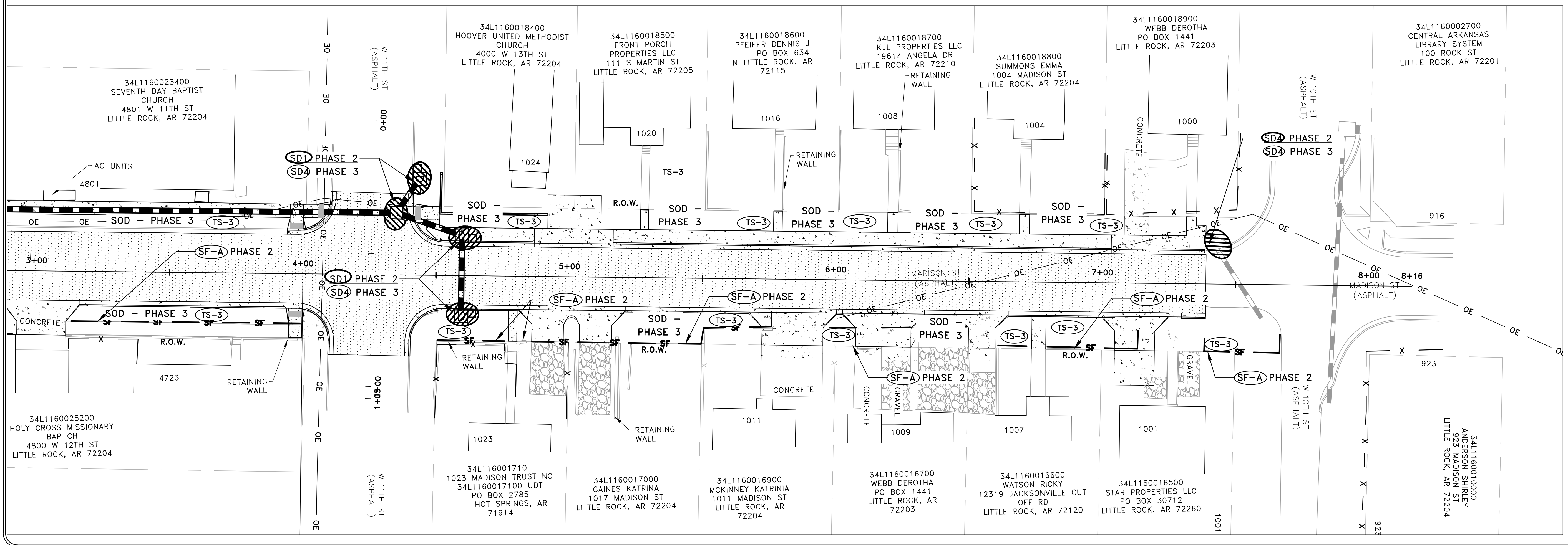


**CITY OF LITTLE ROCK, ARKANSAS**  
**MADISON STREET RECONSTRUCTION**  
 EROSION CONTROL PLAN - PHASE 2 AND 3

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



**DRAWN BY**  
 ATV & NHC  
**DESIGNED**  
 NHC & VJW  
**CHECKED**  
 VJW  
**DATE**  
 08-16-2019  
**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

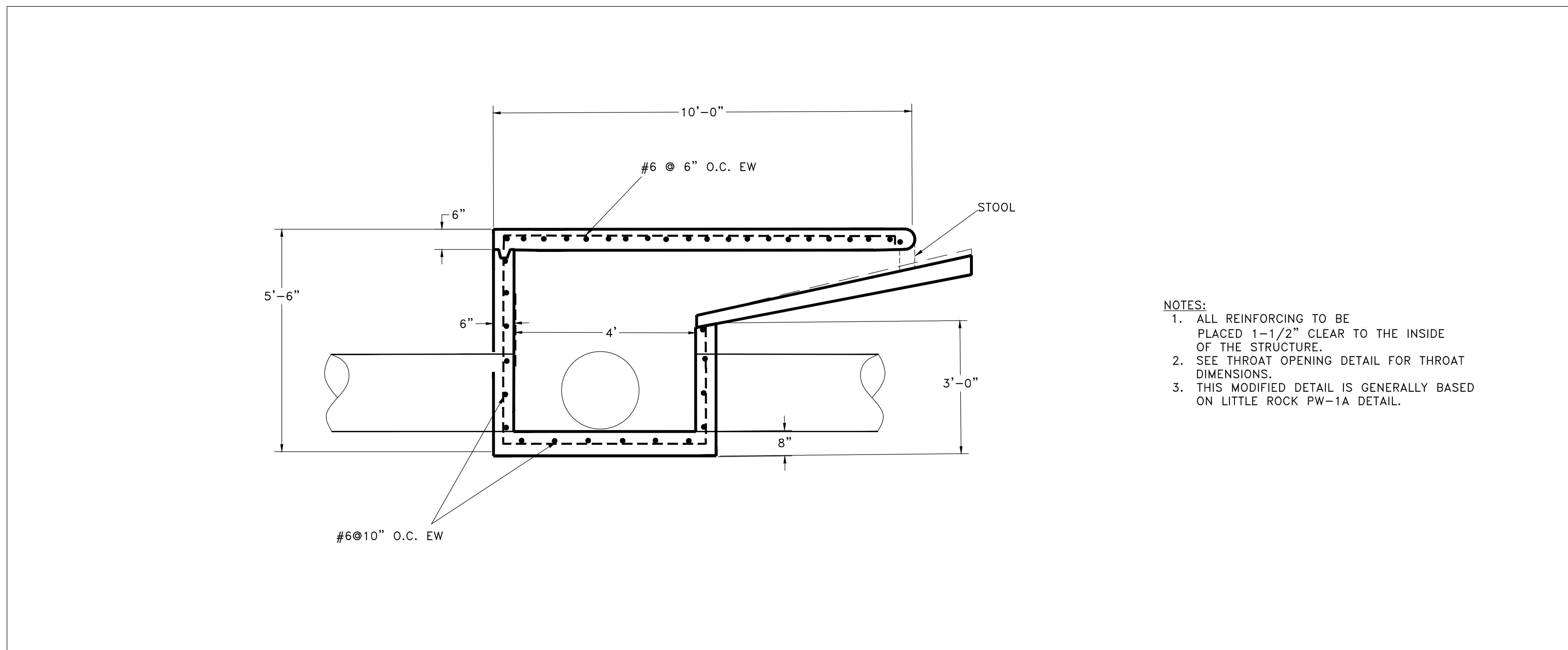
CITY OF LITTLE ROCK, ARKANSAS  
**MADISON STREET RECONSTRUCTION**  
 MAINTENANCE OF TRAFFIC PLAN

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



DRAWN BY  
 ATV  
 DESIGNED  
 NHC  
 CHECKED  
 VJW  
 DATE  
 08-16-2019  
 SCALE  
 N.T.S.  
 PROJECT NO.  
 02-17-ST-79  
 SHEET NO.  
**C12**

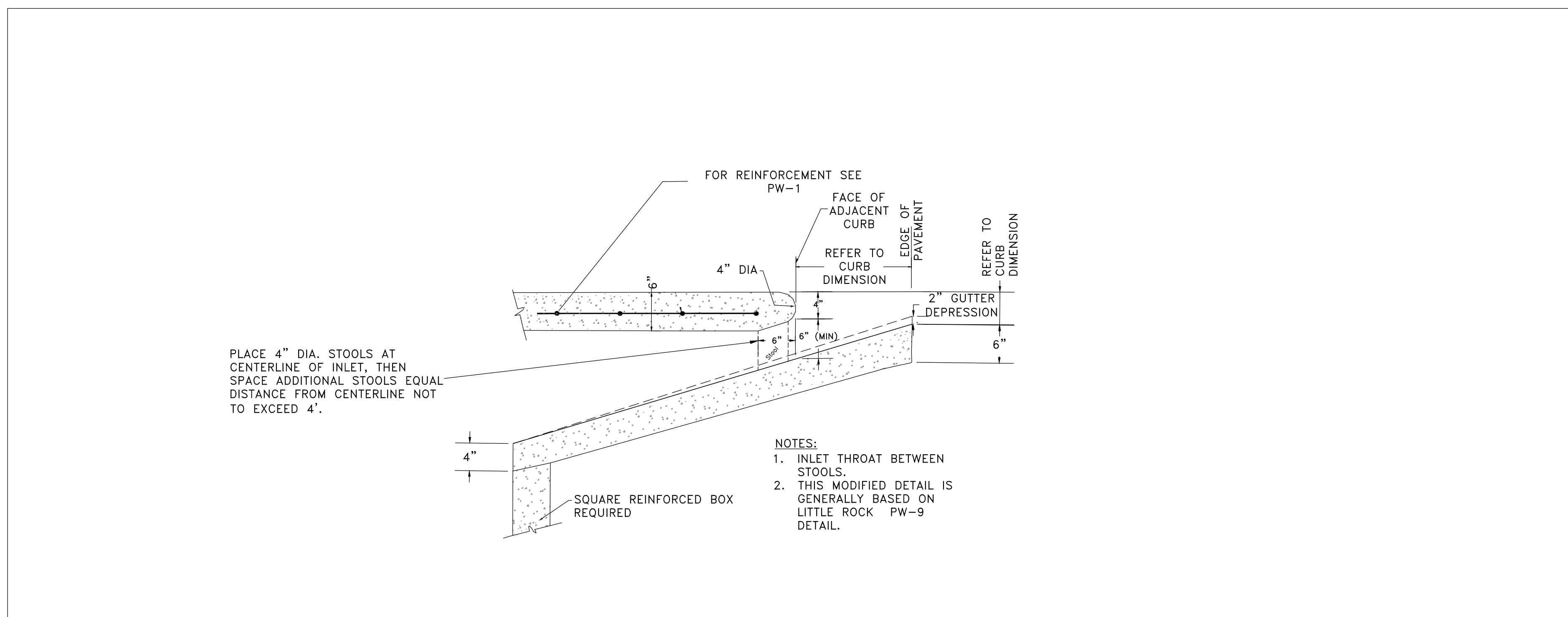
REVISIONS	DATE



- NOTES:**
1. ALL REINFORCING TO BE PLACED 1-1/2" CLEAR TO THE INSIDE OF THE STRUCTURE.
  2. SEE THROAT OPENING DETAIL FOR THROAT DIMENSIONS.
  3. THIS MODIFIED DETAIL IS GENERALLY BASED ON LITTLE ROCK PW-1A DETAIL.

**CURB INLET WITH THROAT EXTENSION - TYPE SPECIAL**

SCALE: 1/2" = 1'-0"



- NOTES:**
1. INLET THROAT BETWEEN STOOLS.
  2. THIS MODIFIED DETAIL IS GENERALLY BASED ON LITTLE ROCK PW-9 DETAIL.

**THROAT OPENING DETAIL- TYPE SPECIAL**

SCALE: 1" = 1'-0"

CITY OF LITTLE ROCK, ARKANSAS  
MADISON STREET RECONSTRUCTION  
DRAINAGE DETAIL

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



08-16-2019

<b>DRAWN BY</b> ATV
<b>DESIGNED</b> NHC & VJW
<b>CHECKED</b> VJW
<b>DATE</b> 08-16-2019
<b>SCALE</b> N/A
<b>PROJECT NO.</b> 02-17-ST-79
<b>SHEET NO.</b> C13