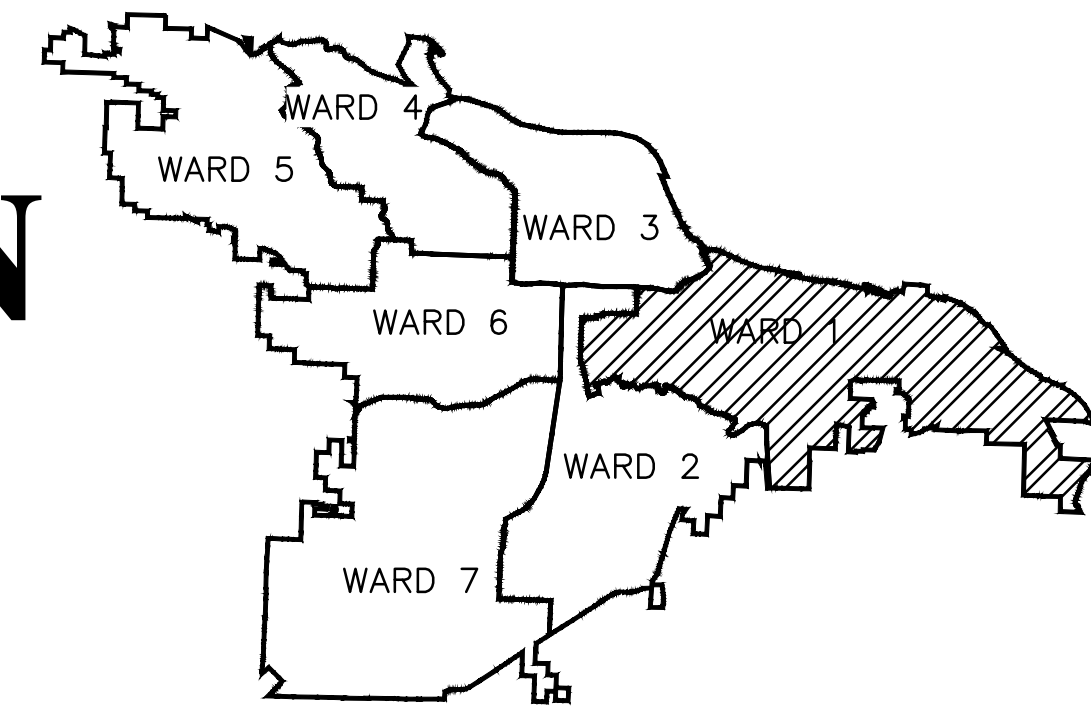


# S VALENTINE STREET RECONSTRUCTION

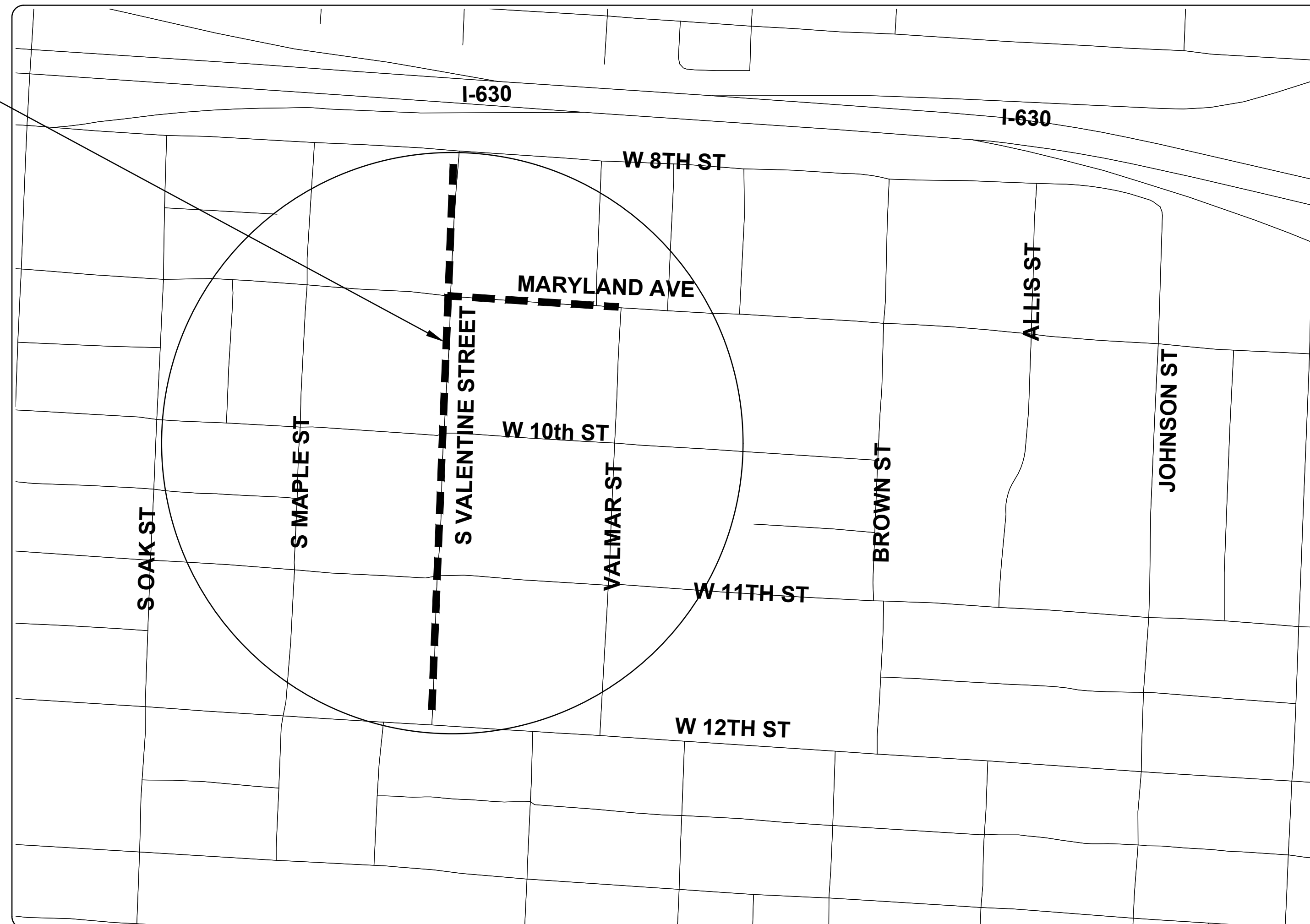
## W 8TH ST TO W 12TH ST

### CLR PROJECT #01-17-ST-57

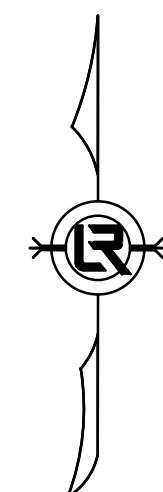


PROJECT LOCATION - WARD 1

PROJECT LOCATION



SHEET NO.	TITLE
C0	COVER SHEET
C1	LEGEND AND QUANTITY
C2	TYPICAL SECTIONS
C3	EXISTING CONDITION - I
C4	EXISTING CONDITION - II
C5	PLAN AND PROFILE-STA 1+00 TO STA 5+50
C6	PLAN AND PROFILE-STA 5+50 TO STA 10+50
C7	PLAN AND PROFILE-STA 10+50 TO STA 14+30
C8	PLAN AND PROFILE-STA 15+00 TO STA 18+50
C9	CROSS SECTIONS - I
C10	CROSS SECTIONS - II
C11	CROSS SECTIONS - III
C12	CROSS SECTIONS - IV
C13	SURVEY CONTROL PLAN - I
C14	SURVEY CONTROL PLAN - II
C15	EROSION CONTROL PLAN - PHASE 1 - I
C16	EROSION CONTROL PLAN - PHASE 1 - II
C17	EROSION CONTROL PLAN - PHASE 2 & 3 - I
C18	EROSION CONTROL PLAN - PHASE 2 & 3 - II
C19	MAINTENANCE OF TRAFFIC PLAN



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

DEPARTMENT OF PUBLIC WORKS  
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CITY OF LITTLE ROCK, ARKANSAS  
S VALENTINE STREET RECONSTRUCTION

COVER SHEET

DEPARTMENT OF PUBLIC WORKS  
CIVIL ENGINEERING  
701 W. MARKHAM  
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PROJECT NO.  
01-17-ST-57

SHEET NO.

C0

CLR PROJECT 01-17-ST-57			
S VALENTINE STREET IMPROVEMENTS-100% QUANTITIES			
2-Dec-2019			
ITEM#	DESCRIPTION	UNIT	QUANTITY
2.01	SITE PREPARATION	LS	1
3.01	UNCLASSIFIED EXCAVATION	CY	750
3.06	BORROW MATERIAL	CY	750
3.40	TOP SOIL	CY	170
4.01	AGGREGATE BASE COURSE	TON	420
5.01	TACK COAT	GAL	300
6.10	ACHM SURFACE COURSE (TYPE 2)	TON	650
7.06	CONCRETE DRIVEWAY AND APRON (6" THICK)	SF	4300
7.08	ALLEY TURNOUT (8" THICK)	SF	650
8.01	CONCRETE CURB AND GUTTER (CLASS 3)	LF	2500
9.10	CONCRETE SIDEWALK	SF	5100
9.40	CONCRETE SIDEWALK "TURN UP" WALL (PW-44)	SF	1000
10.01	JUNCTION BOX	EA	3
10.02	AREA INLET	EA	1
10.05	CURB INLET 5' BOX	EA	11
10.06	CURB INLET 6' BOX	EA	2
10.07	WING 3' EXTENSION	EA	12
10.10	WING 6' EXTENSION	EA	3
10.80	REBUILD INLET TOP	EA	1
13.18	STORM DRAIN PIPE, 18" (SIDE DRAIN)	LF	604
13.18A	STORM DRAIN PIPE, ARCH 14"X22"	LF	32
13.18C	STORM DRAIN PIPE, 18" (CROSS DRAIN)	LF	161
13.24C	STORM DRAIN PIPE, 24" (SIDE DRAIN)	LF	340
13.24A	STORM DRAIN PIPE, ARCH 18"X29"	LF	107
13.36A	STORM DRAIN PIPE, ARCH 31"X51"	LF	30
13.61	TIE INTO EXISTING BOX	EA	2
14.01	SOLID SOD, BERMUDA	SY	2000
14.02	SOLID SOD, SPECIAL (ZOYSIA)	SY	120
16.01	MAINTENANCE OF TRAFFIC	LS	1
17.10	CUT & REPAIR EXISTING STREET SURFACE (PW-25)	SY	300
18.50	ACCESS RAMP	SF	900
18.55	WATER FOR DUST CONTROL	GAL	75000
19.01	FINAL CLEANUP	LS	1
23.01	B STONE	TON	1300
24.06	SEDIMENT BARRIER, SILT FENCE (SD1)	EA	17
24.09	SEDIMENT BARRIER, BLOCK (SD-4)	EA	23
24.05	ROCK DAM (RD)	CY	10
24.12	SILT FENCE (TYPE A)	LF	3000
25.24	RELOCATE CHAIN LINK FENCE (4')	LF	400
26.10	TRENCH EXCAVATION & SAFETY	LS	1
27.03	COLD MILLING ASPHALT PAVING	SY	120
606.18C	FLARED END SECTION 18" RCP	EA	3
606.36C	FLARED END SECTION 36" RCP	EA	2

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	⊕	HIGH POINT
SANITARY SEWER MANHOLE	⊕	LOW POINT
TELEPHONE MANHOLE	⊕	CUT LINE
ELECTRIC MANHOLE	⊕	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	SILT FENCE - TYPE C
UNDERGROUND TELEPHONE	UGT	STORM DRAIN OUTLET PROTECTION
UNDERGROUND ELECTRIC	UGE	SURFACE ROUGHENING
WATER LINE	8"W	DISTURBED AREA STABILIZATION -TEMPORARY STABILIZATION
SEWER LINE	S	DISTURBED AREA STABILIZATION -TEMPORARY GRASSING
GAS LINE	GAS	DISTURBED AREA STABILIZATION -PERMANENT GRASSING
STORM SEWER/CULVERT	24" CMP/RCP/DIP	MATting/BLANKETS
CONTOUR LINE	---	

REVISIONS	DATE

**CITY OF LITTLE ROCK, ARKANSAS**  
**S VALENTINE STREET RECONSTRUCTION**  
**LEGEND & QUANTITY**

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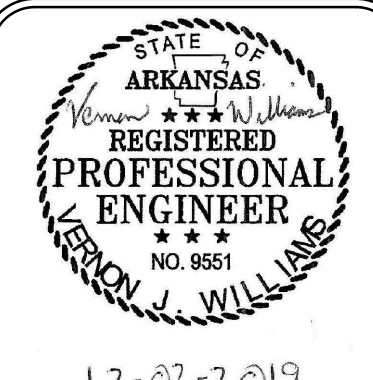
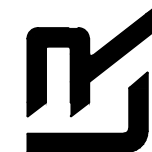
STATE OF ARKANSAS  
REGISTERED PROFESSIONAL ENGINEER  
NO. 9551  
WILLIAMS  
12-02-2019

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**VJW & NHC**  
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**12-02-2019**  
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PROJECT NO.  
**01-17-ST-57**  
SHEET NO.  
**C1**

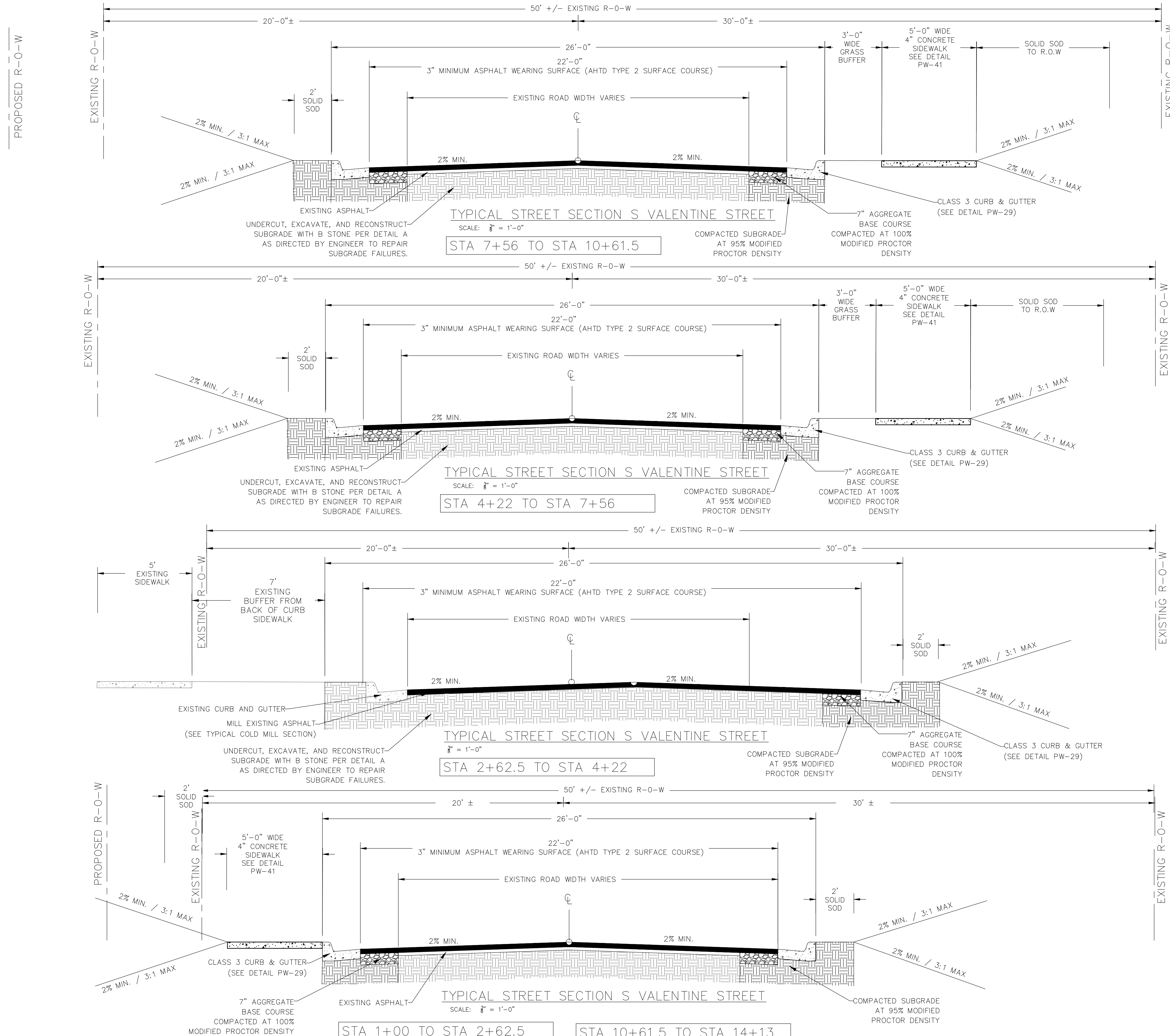
CITY OF LITTLE ROCK, ARKANSAS  
S VALENTINE STREET RECONSTRUCTION

TYPICAL SECTIONS

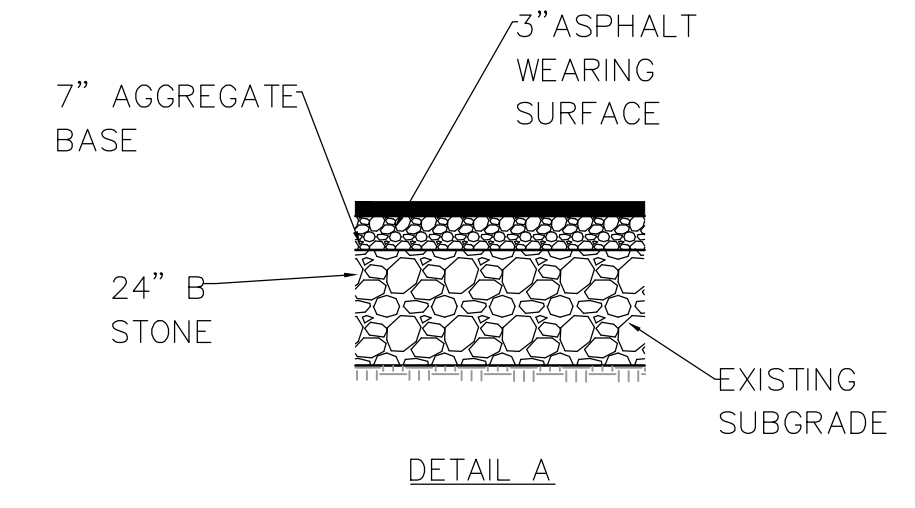
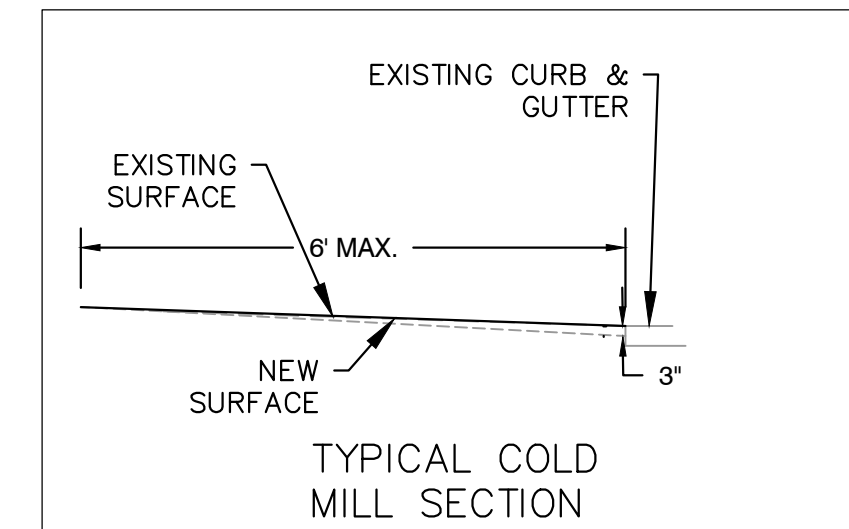
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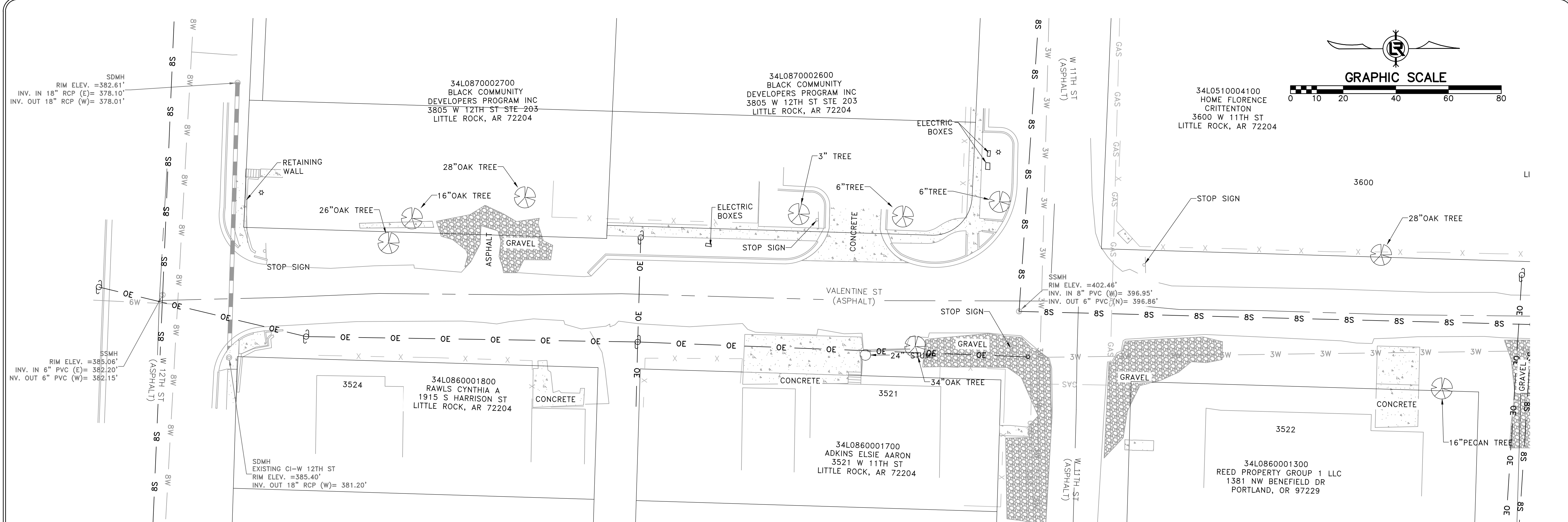


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**SHEET NO.**  
C2

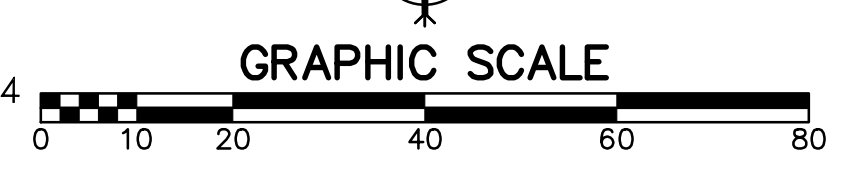
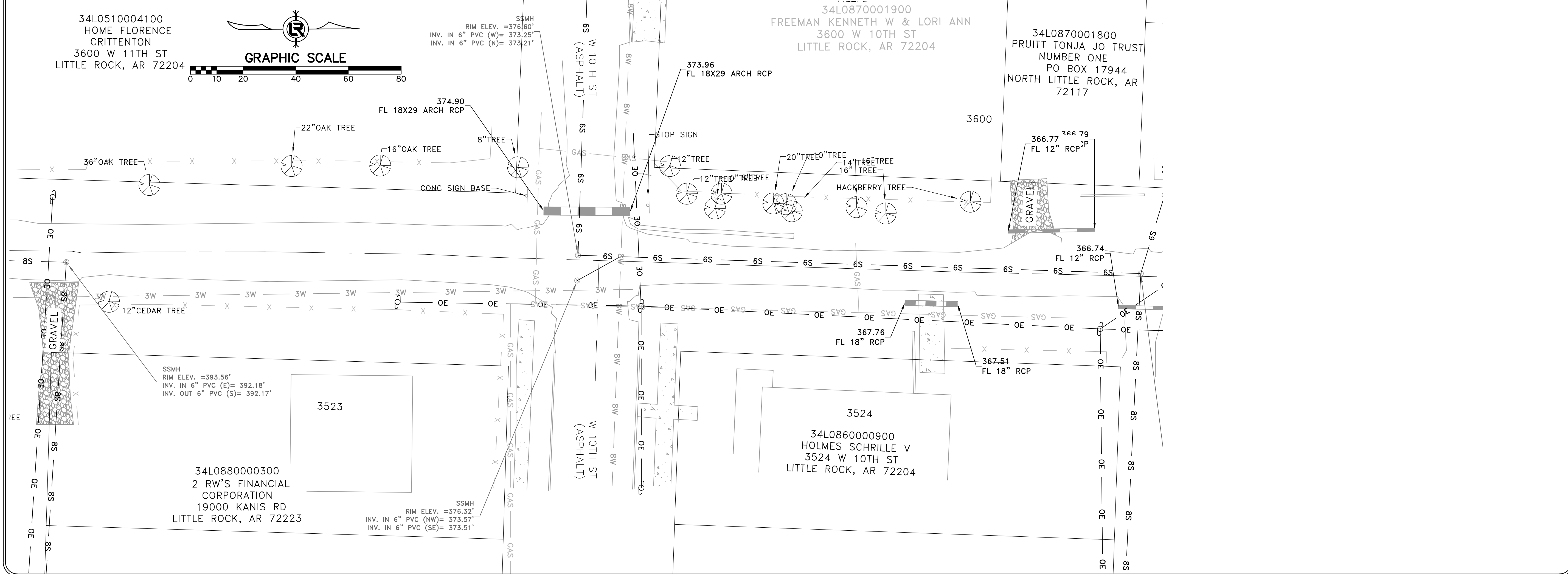
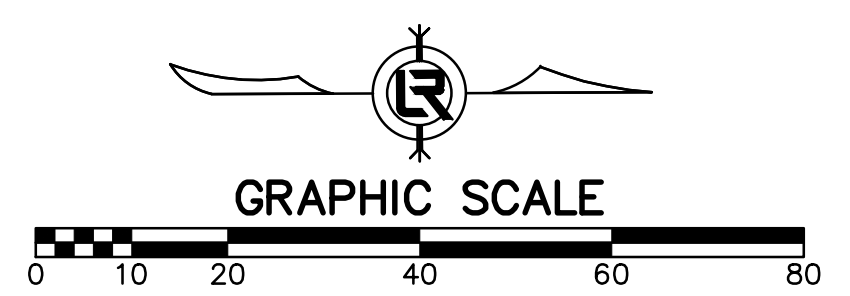


GENERAL STREET CONSTRUCTION NOTES:  
1. WORK ASSOCIATED WITH THESE DETAILS COMPLY WITH LITTLE ROCK PW-22 DETAIL.





REVISIONS	DATE

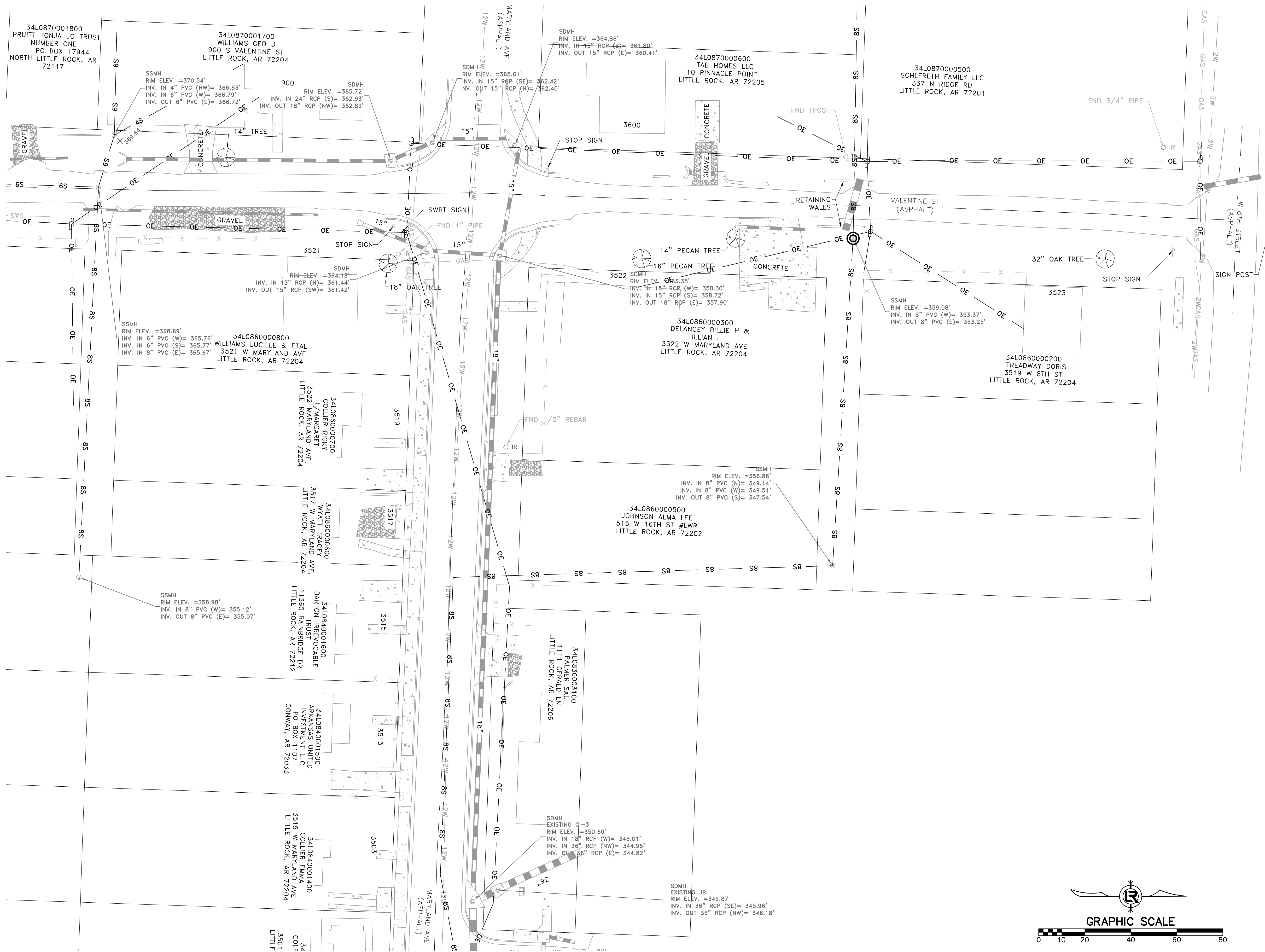


**CITY OF LITTLE ROCK, ARKANSAS**  
**S VALENTINE STREET RECONSTRUCTION**  
 EXISTING CONDITION - I

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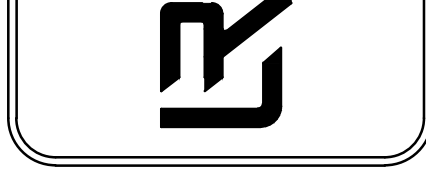
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<b>PROJECT NO.</b> 01-17-ST-57
<b>SHEET NO.</b> C3



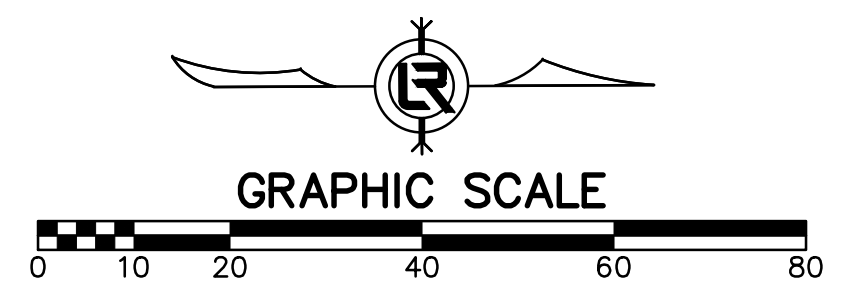
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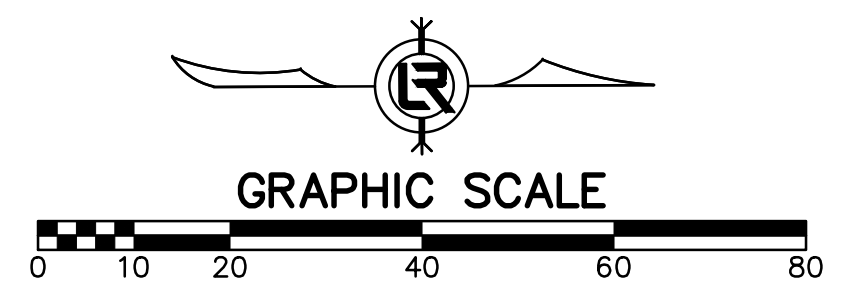
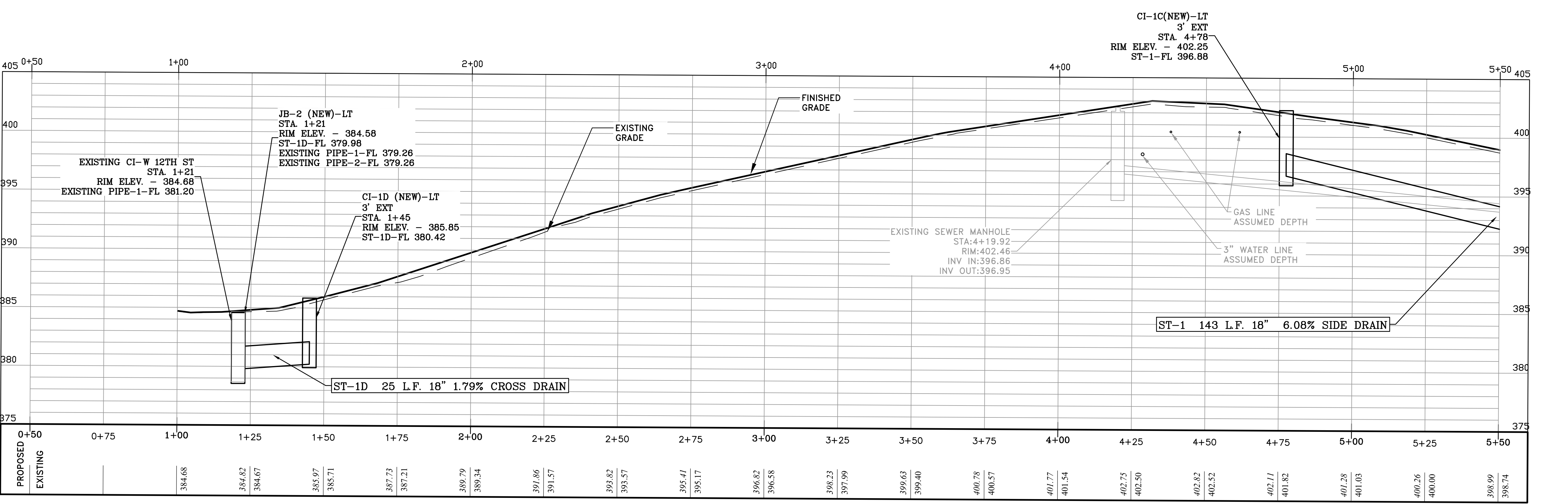
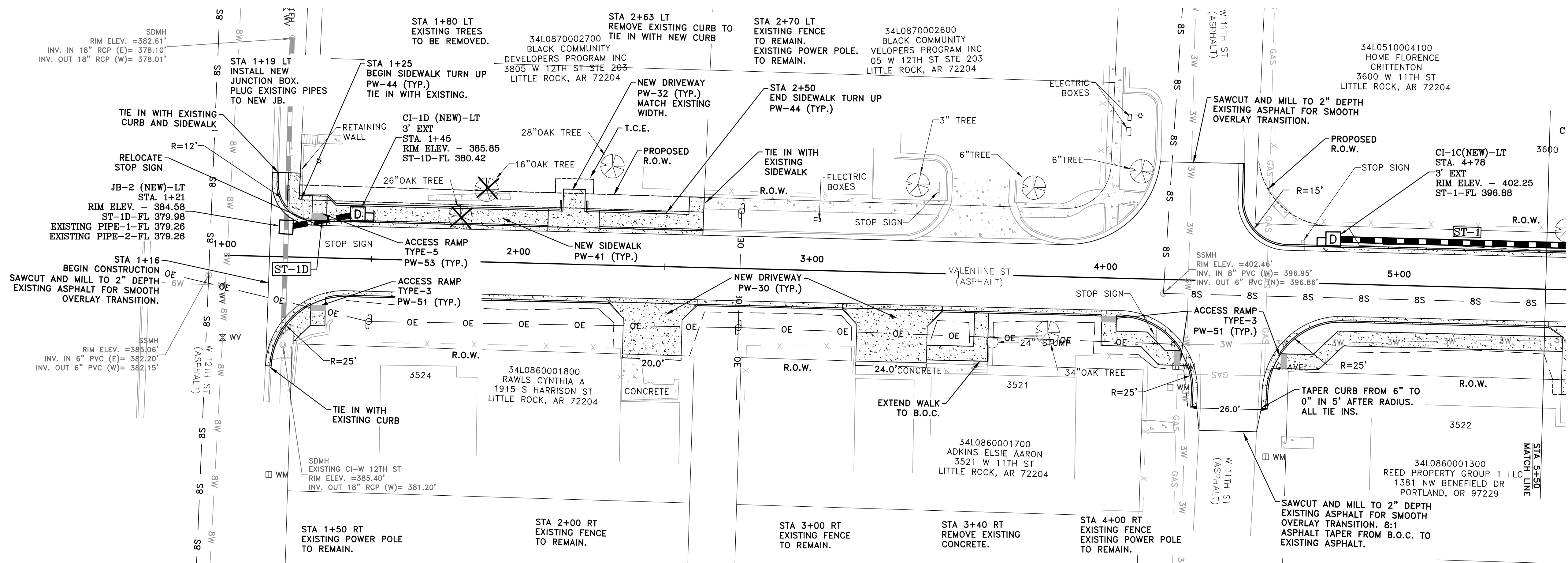
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**S VALENTINE STREET RECONSTRUCTION**  
 EXISTING CONDITION - II

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PROJECT NO. <b>01-17-ST-57</b>
SHEET NO. <b>C4</b>





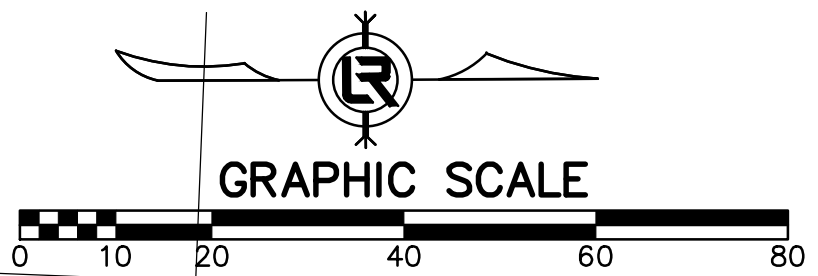
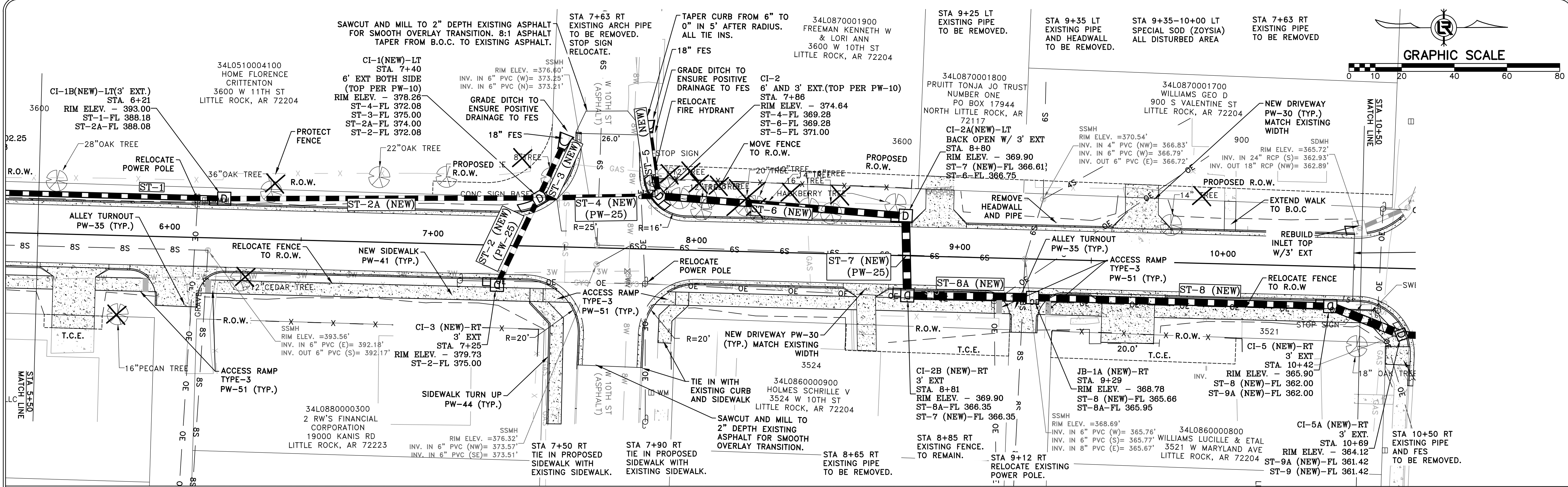
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**CITY OF LITTLE ROCK, ARKANSAS**  
**S VALENTINE STREET RECONSTRUCTION**  
 PLAN AND PROFILE - STA 1+00 TO STA 5+50

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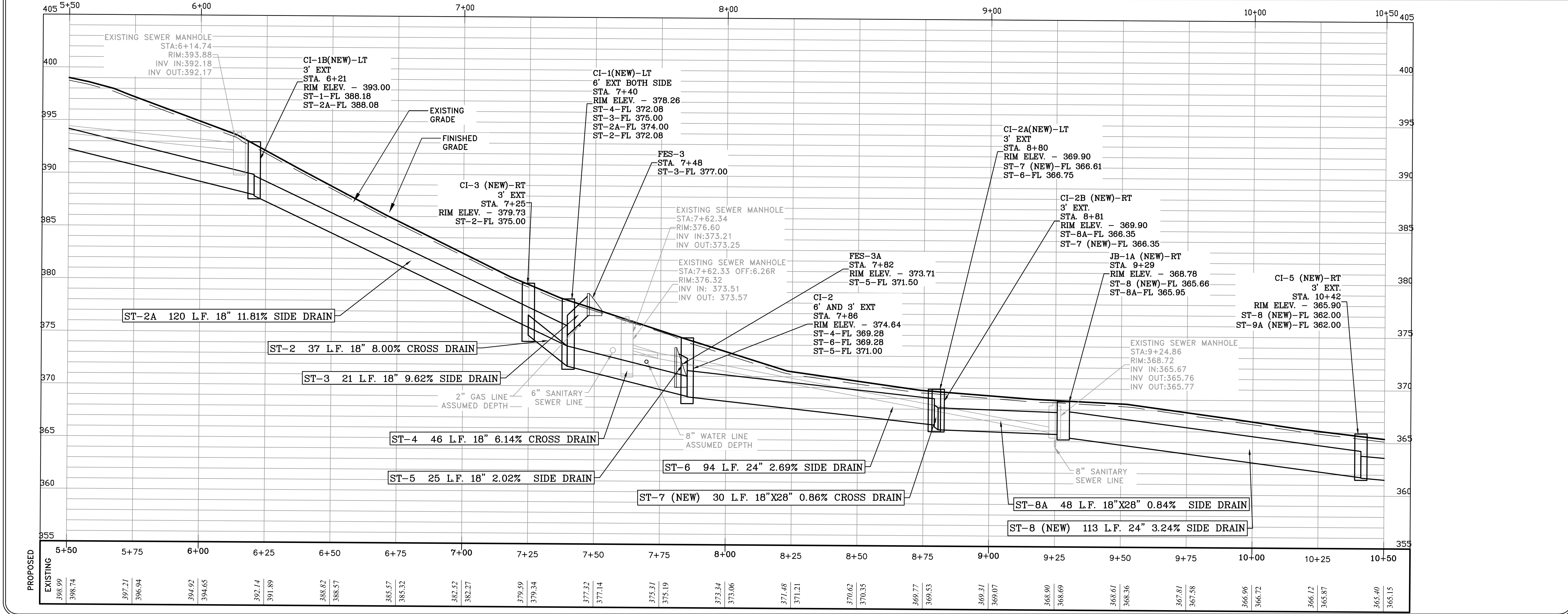


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**C5**



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**CITY OF LITTLE ROCK, ARKANSAS**  
**S VALENTINE STREET RECONSTRUCTION**  
 PLAN AND PROFILE - STA 5+50 TO STA 10+50



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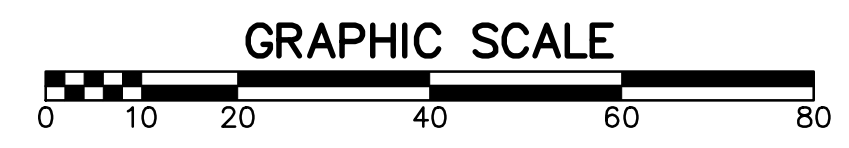
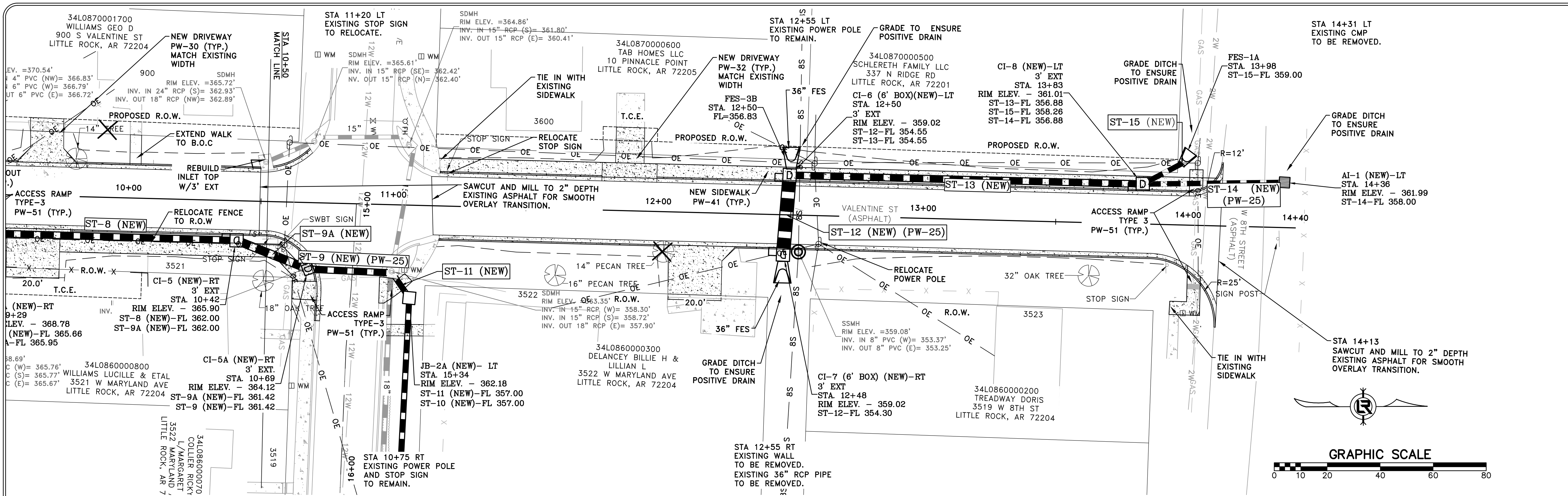
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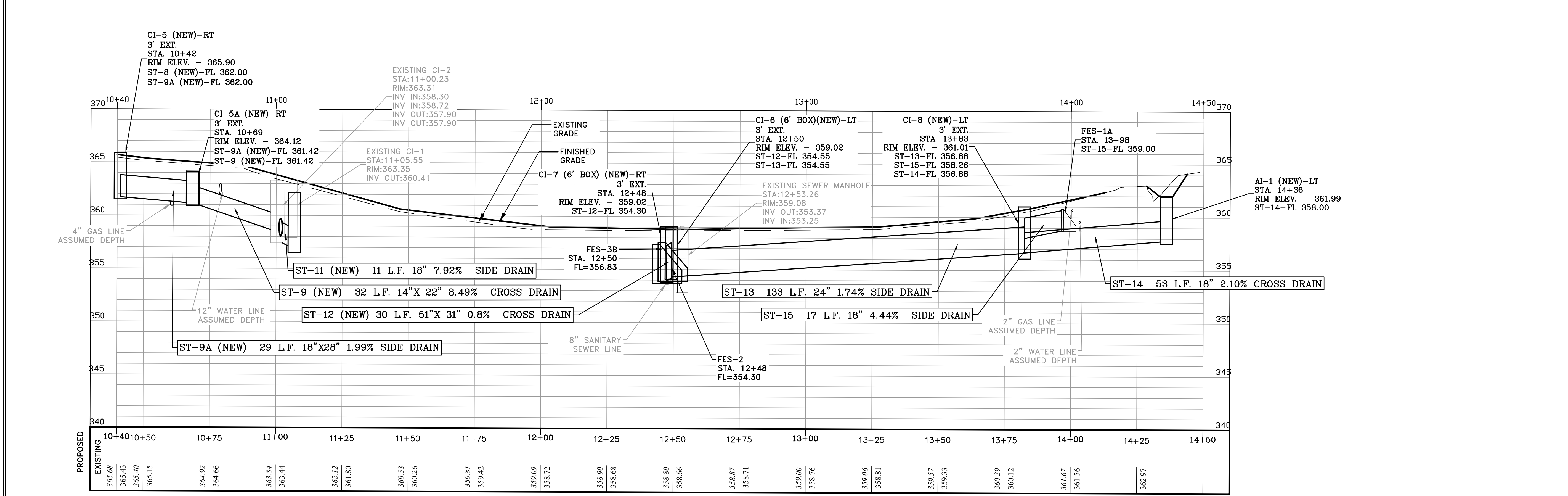
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**SHEET NO.**  
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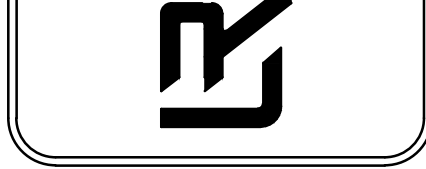


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**CITY OF LITTLE ROCK, ARKANSAS**  
**S VALENTINE STREET RECONSTRUCTION**  
 PLAN AND PROFILE - STA 10+50 TO STA 14+31

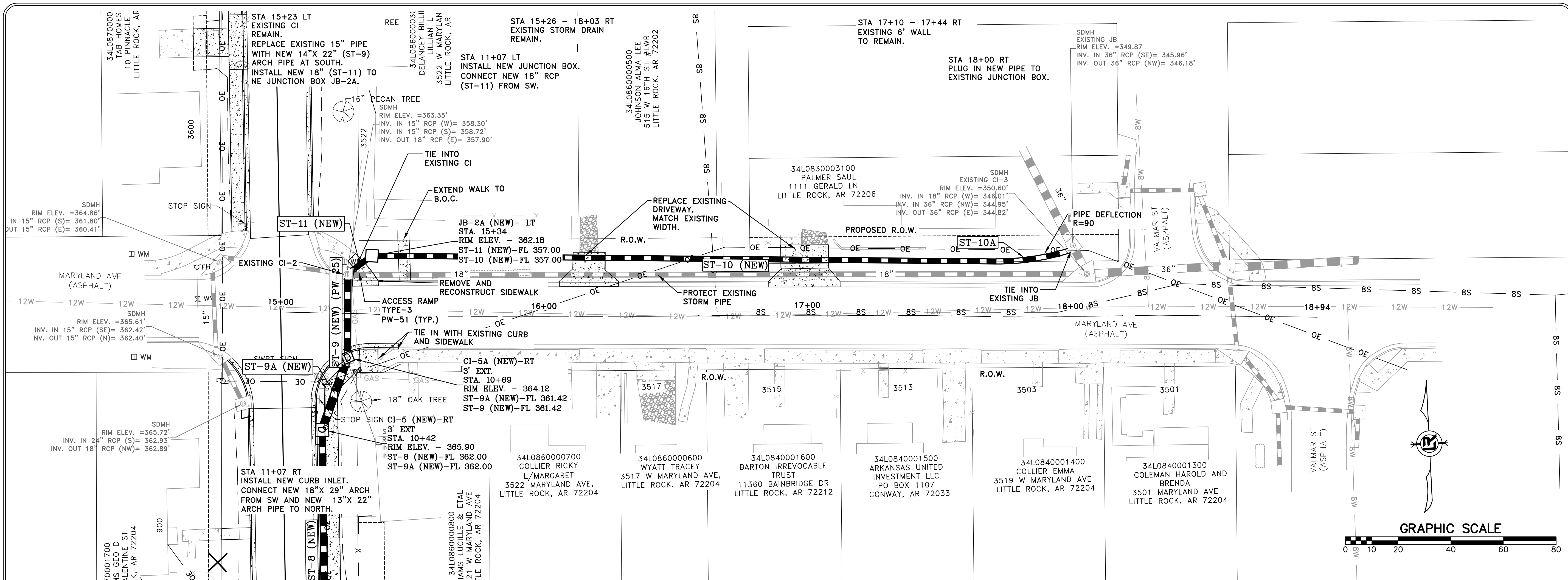


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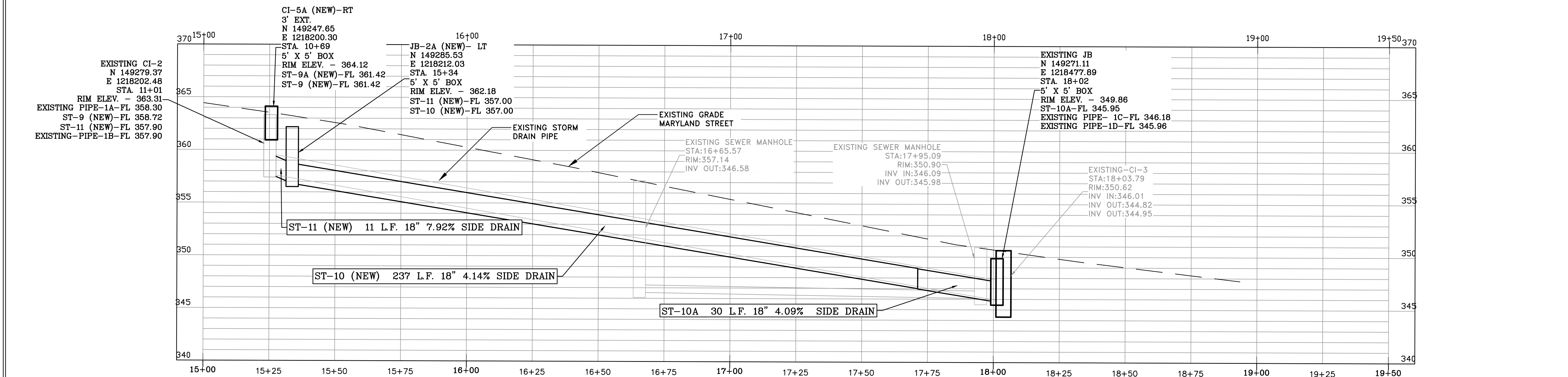
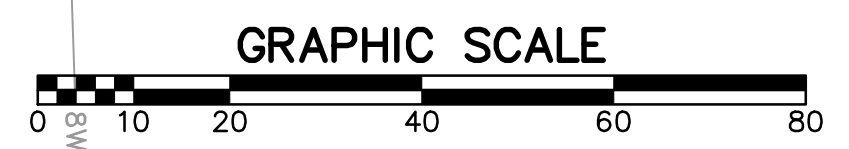
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 C7





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**CITY OF LITTLE ROCK, ARKANSAS**  
**S VALENTINE STREET RECONSTRUCTION**  
 PLAN AND PROFILE - STA 15+00 TO STA 18+94



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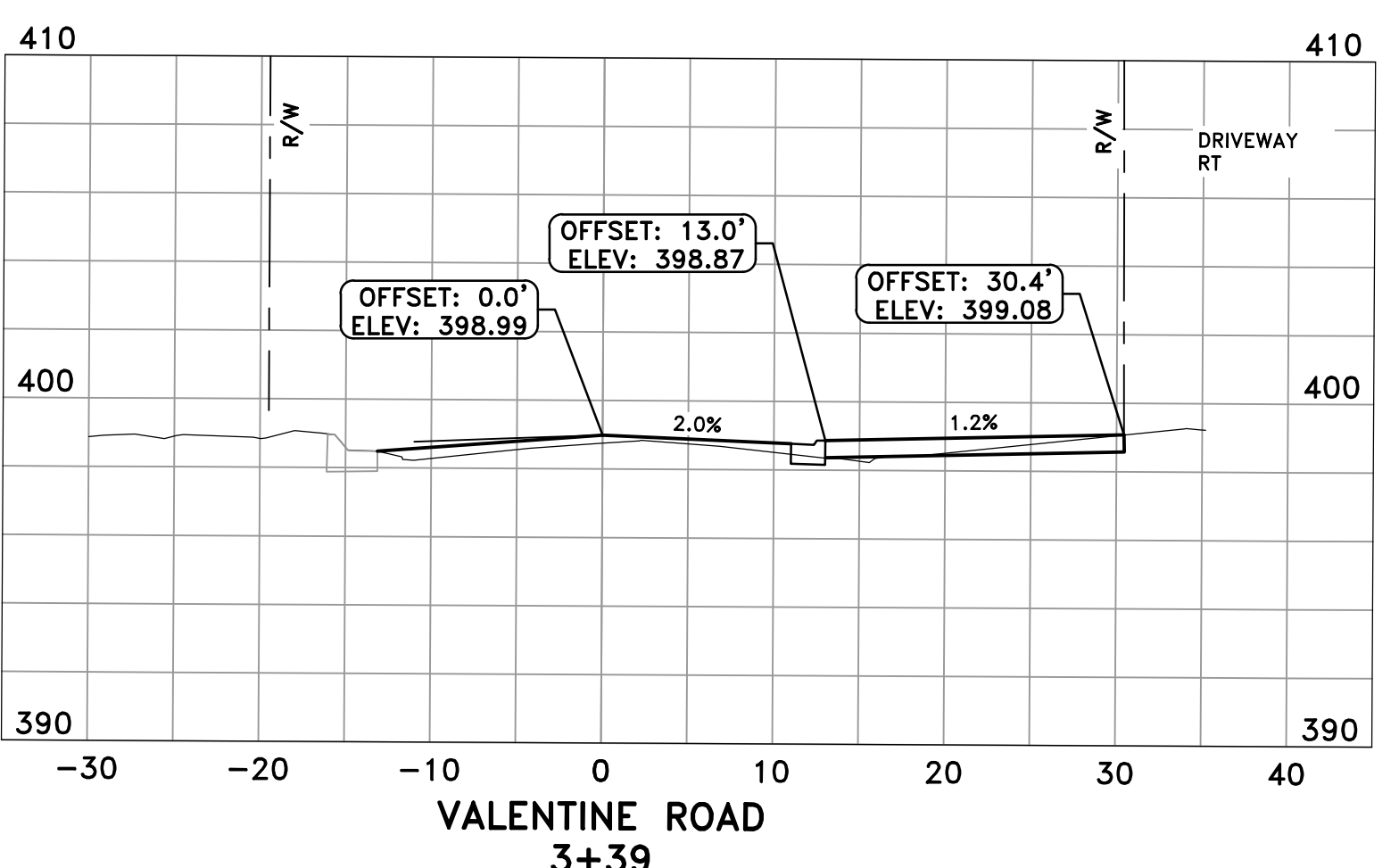
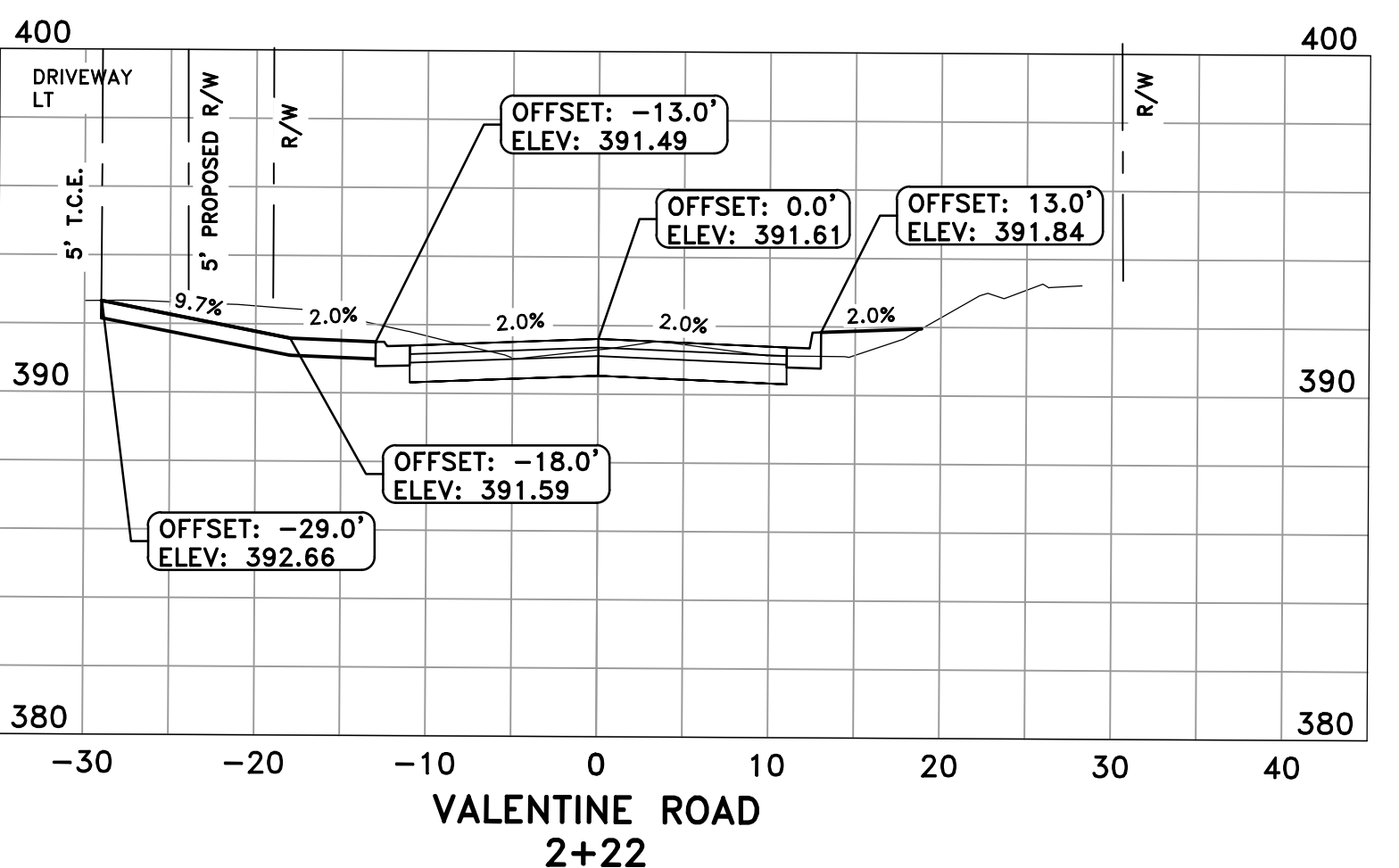
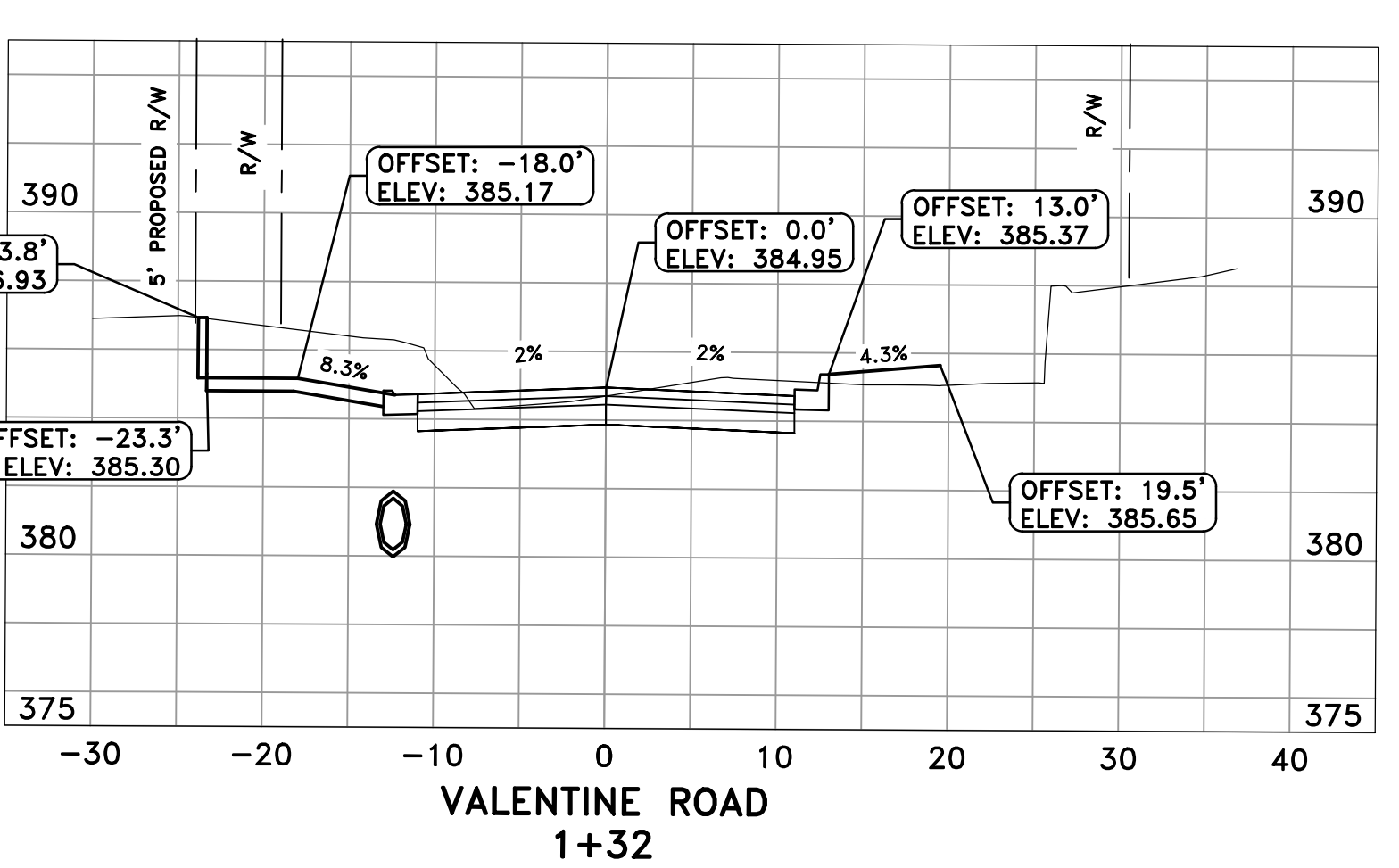
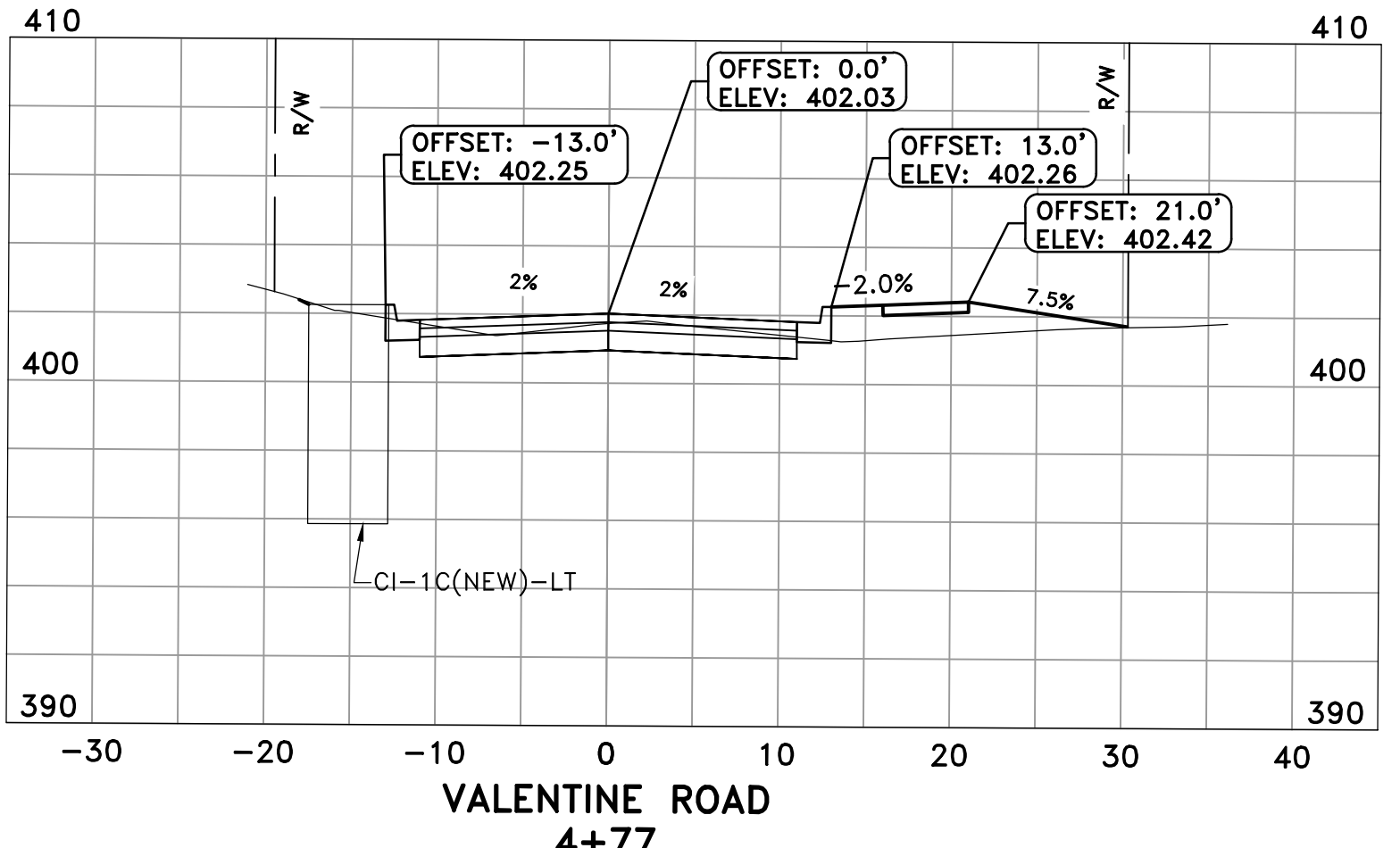
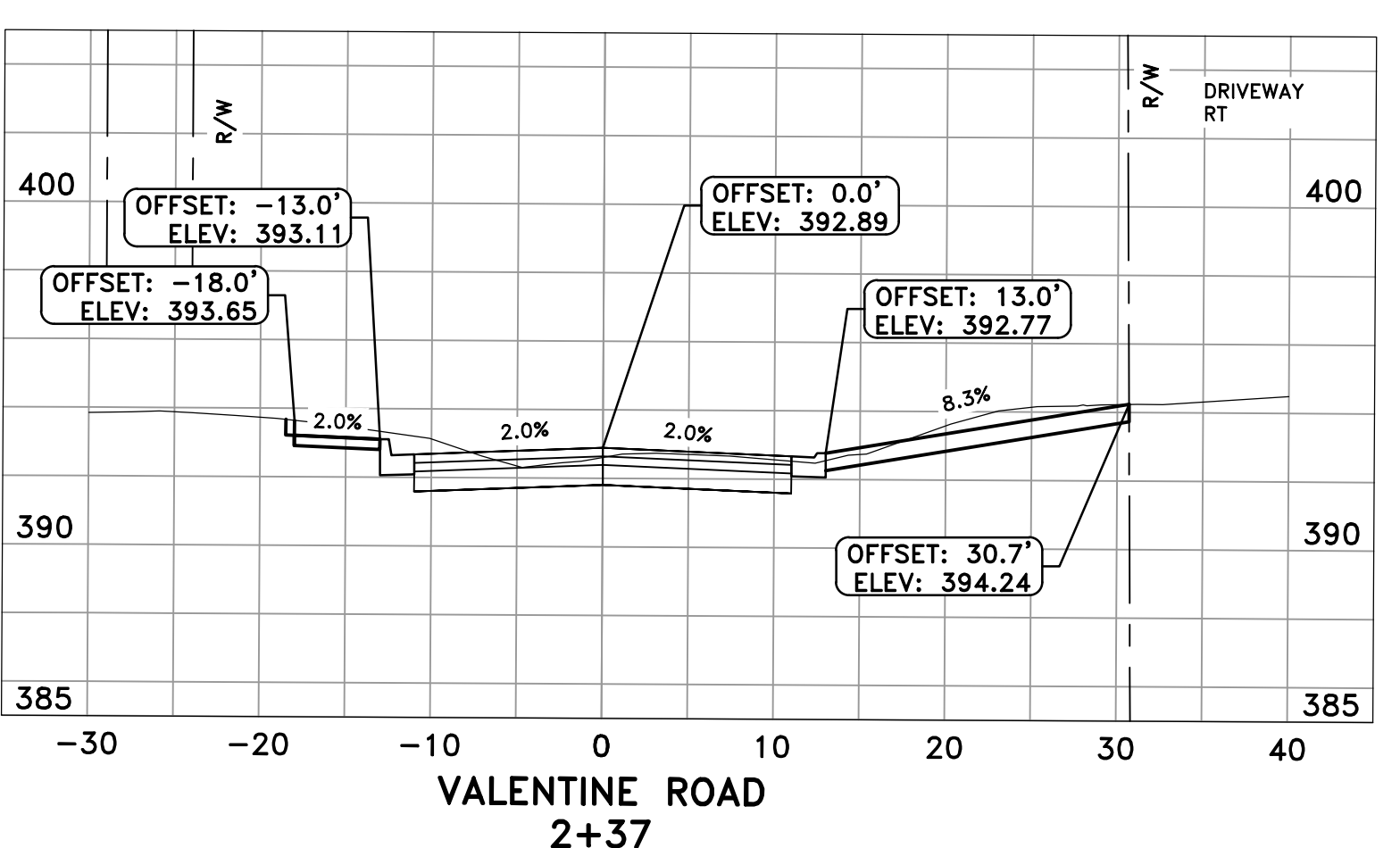
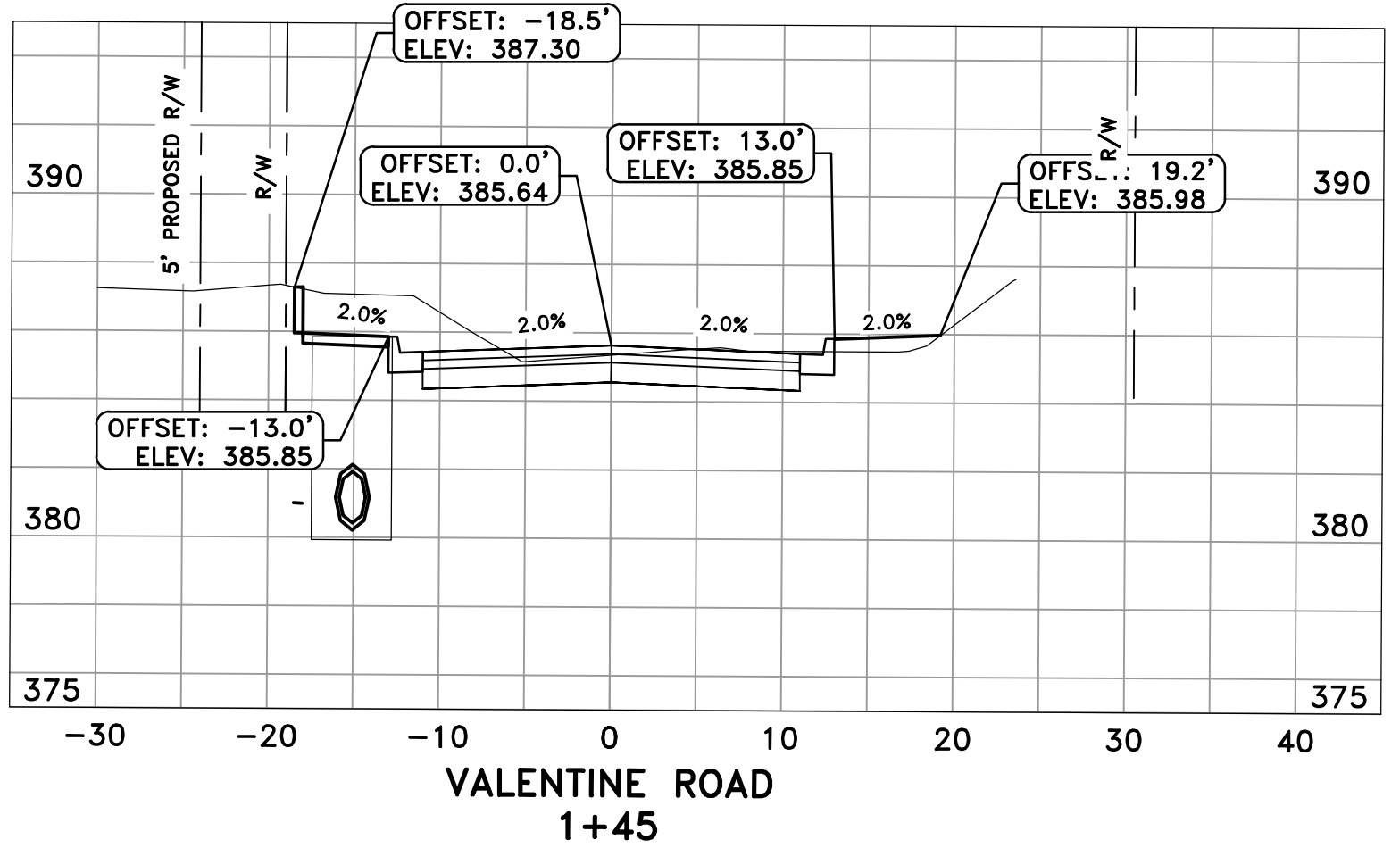
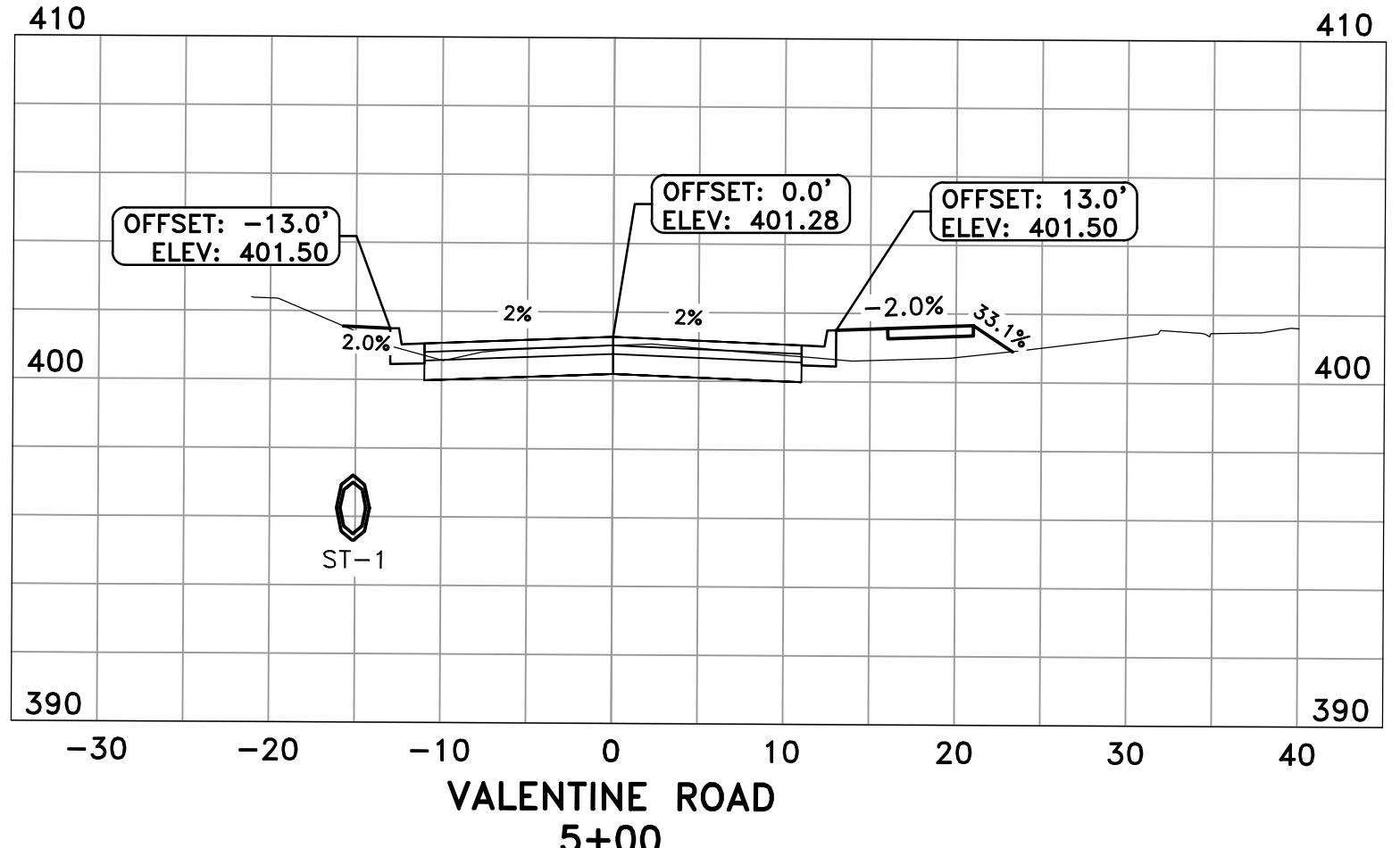
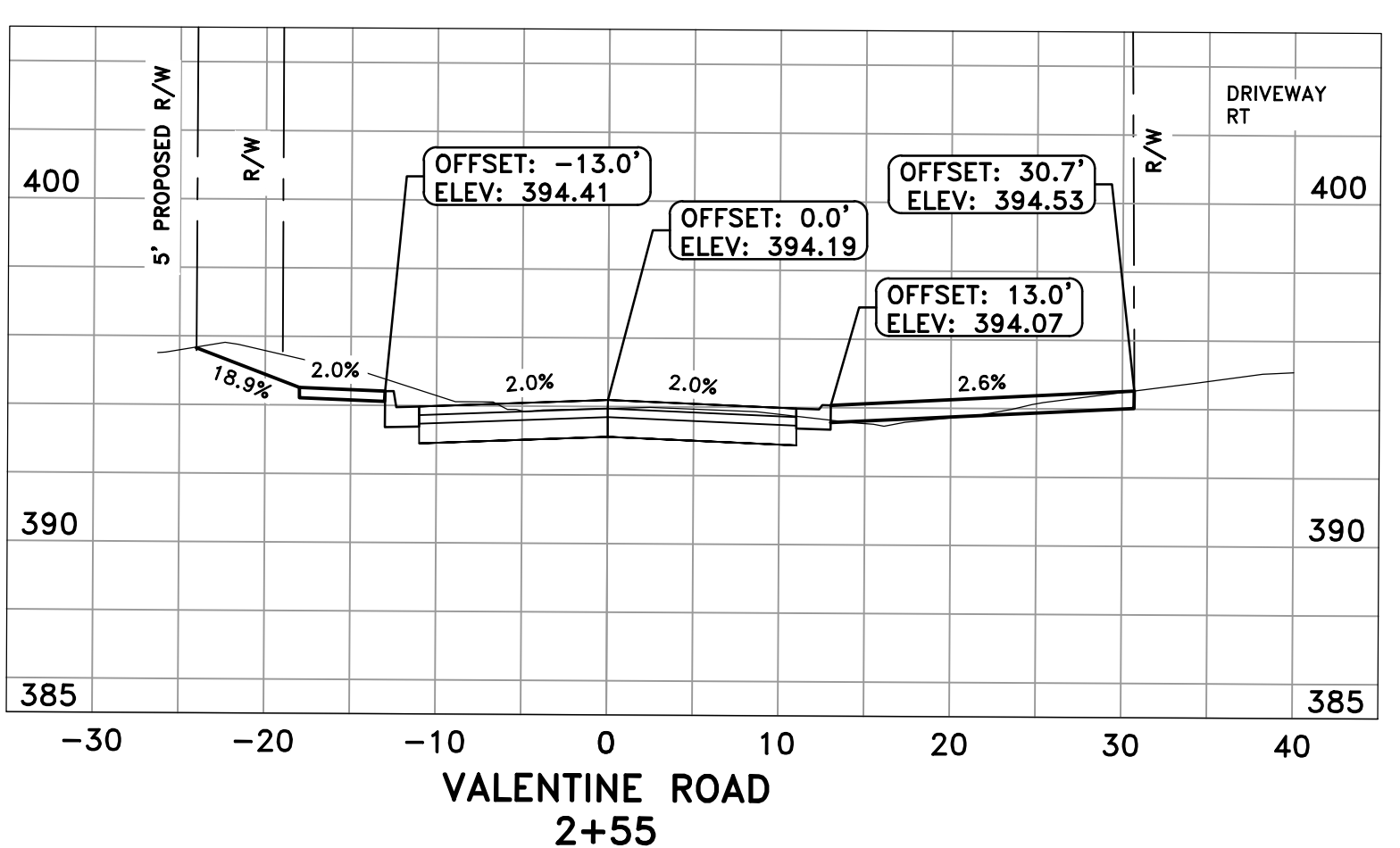
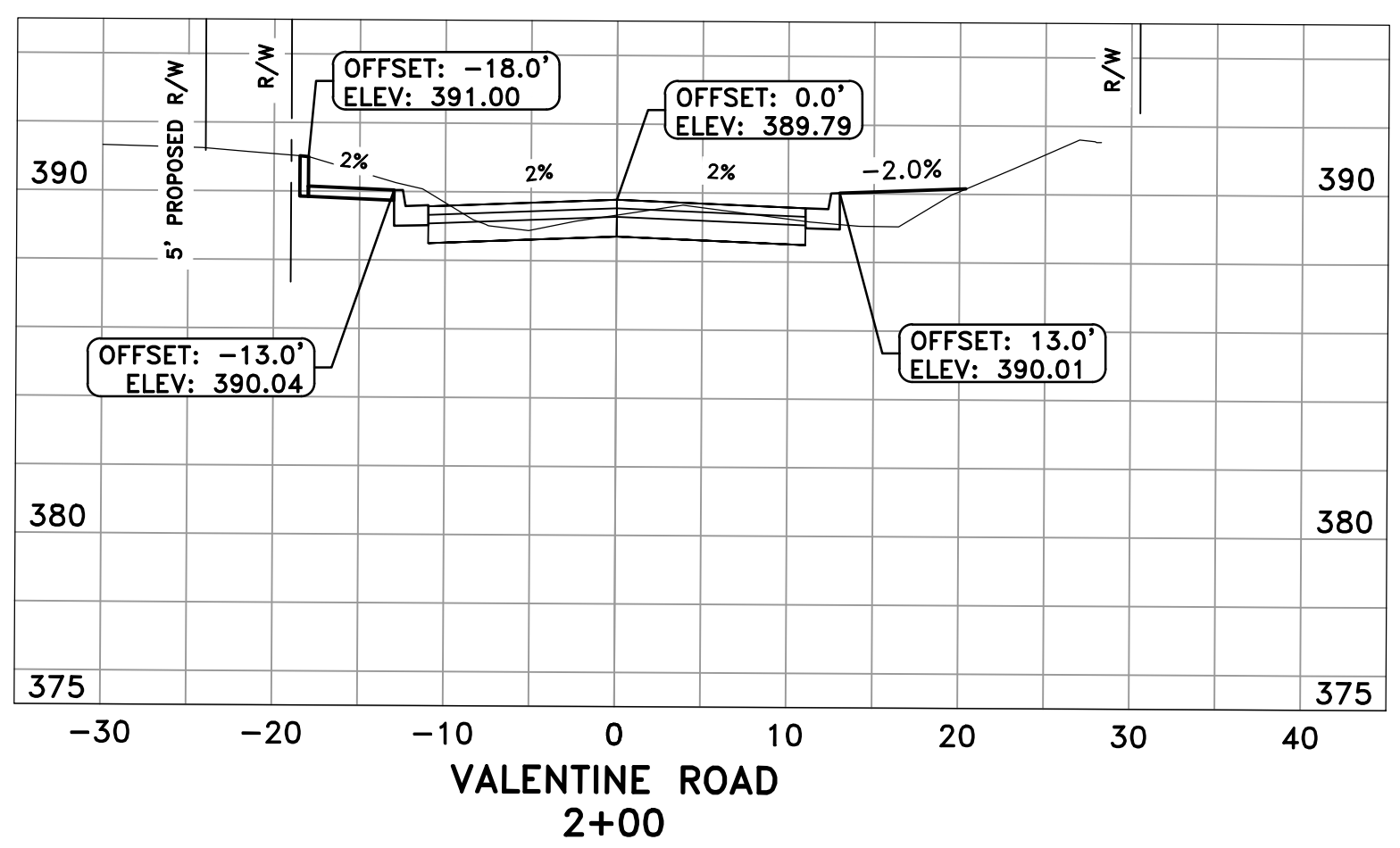
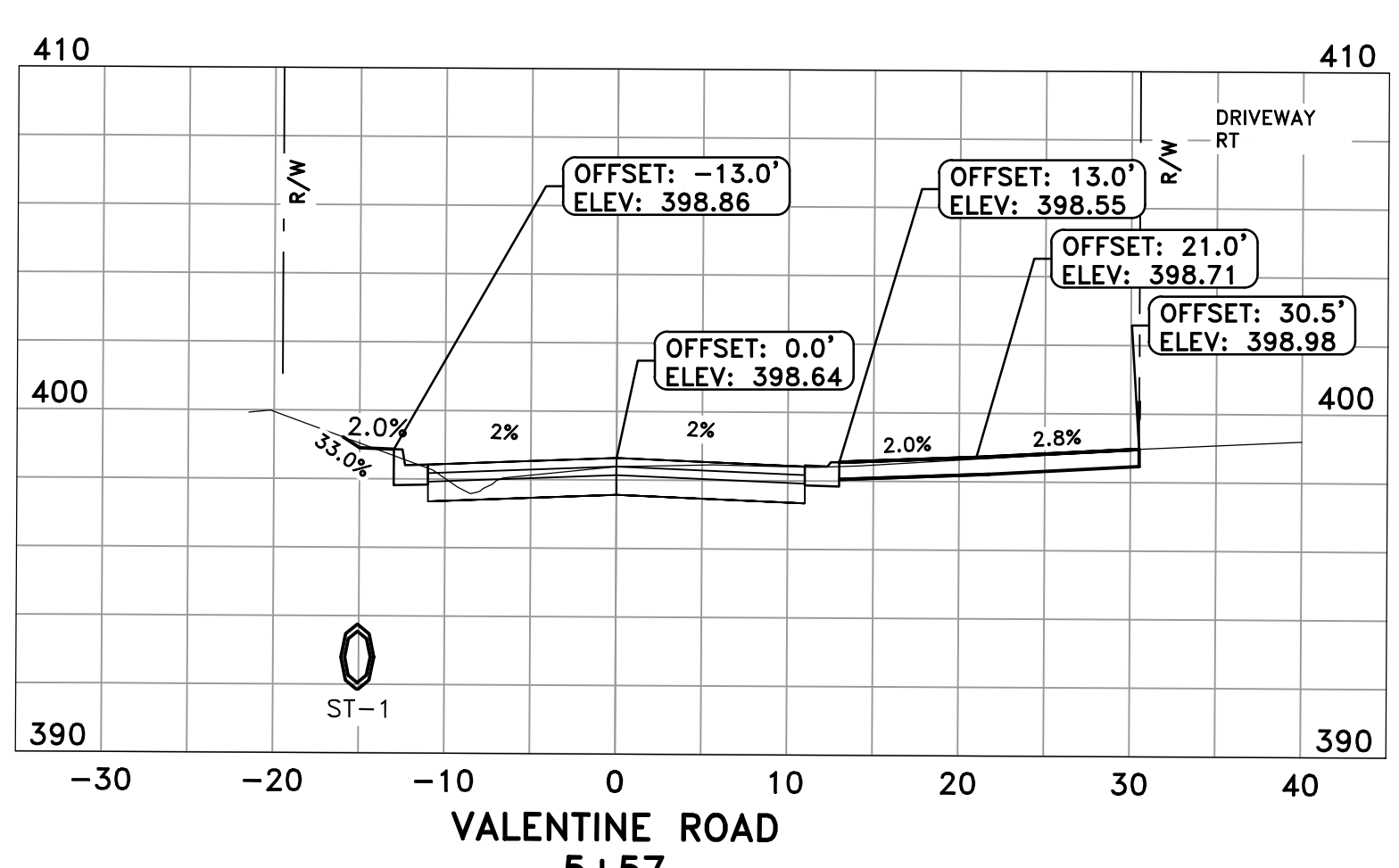
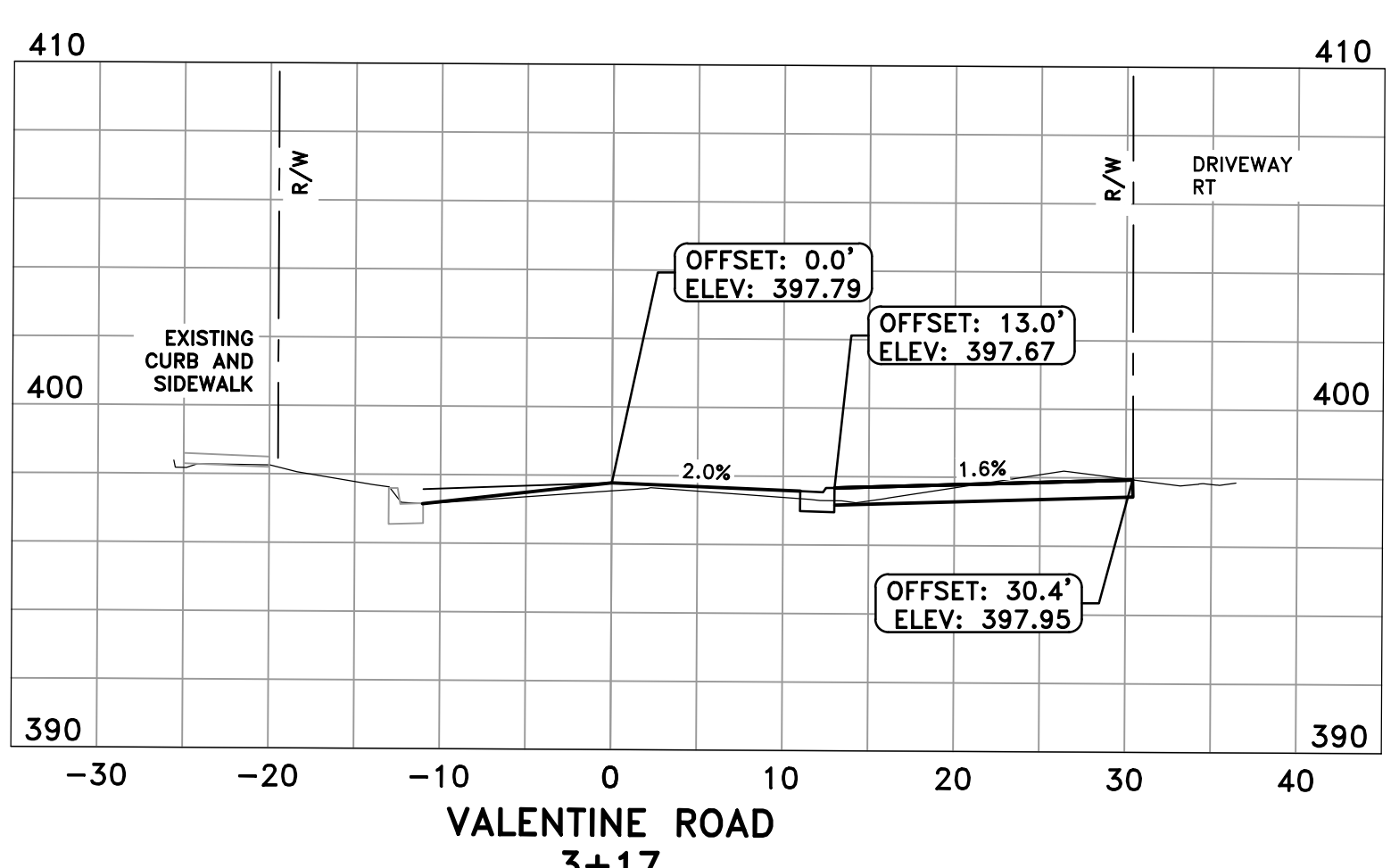
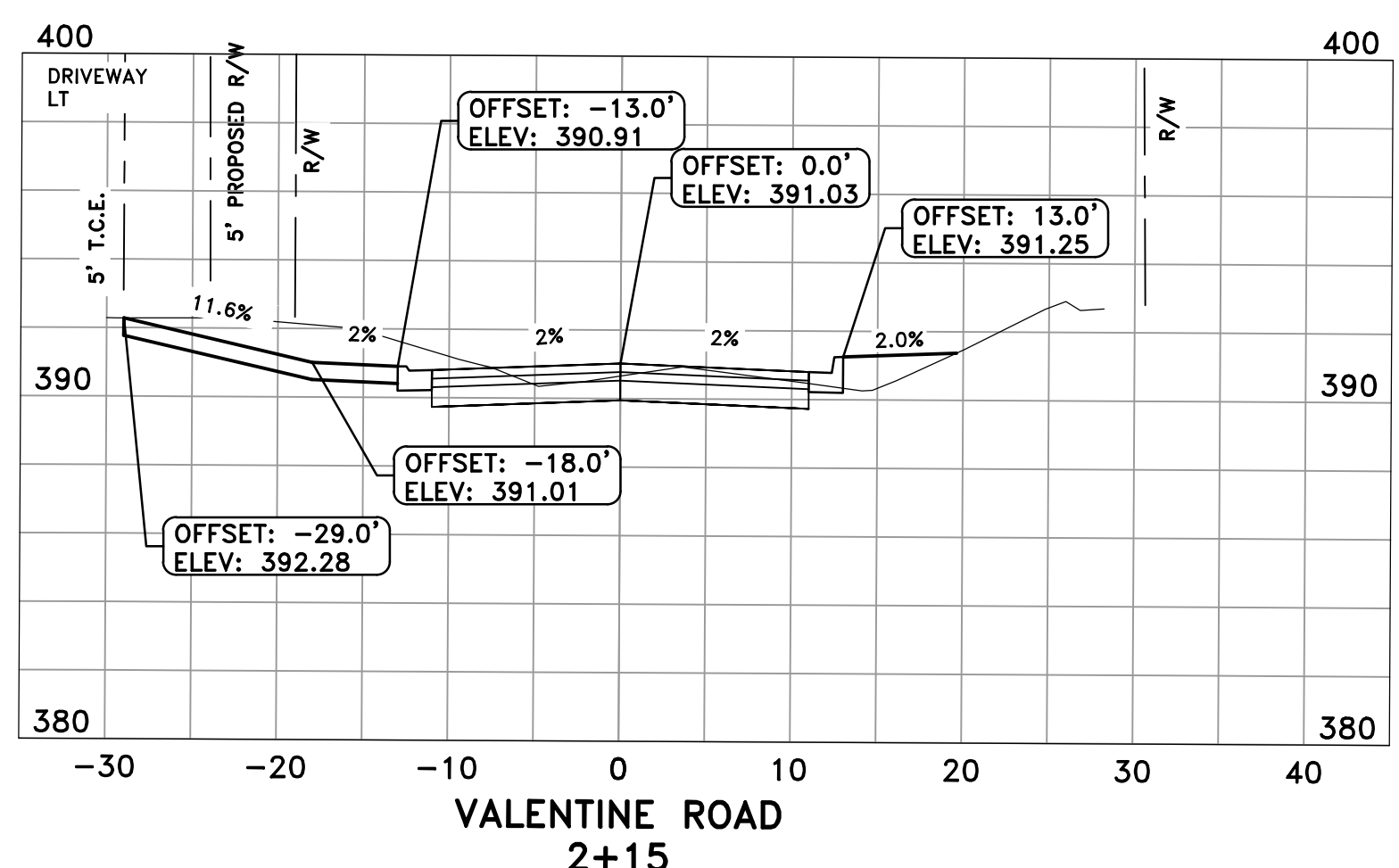
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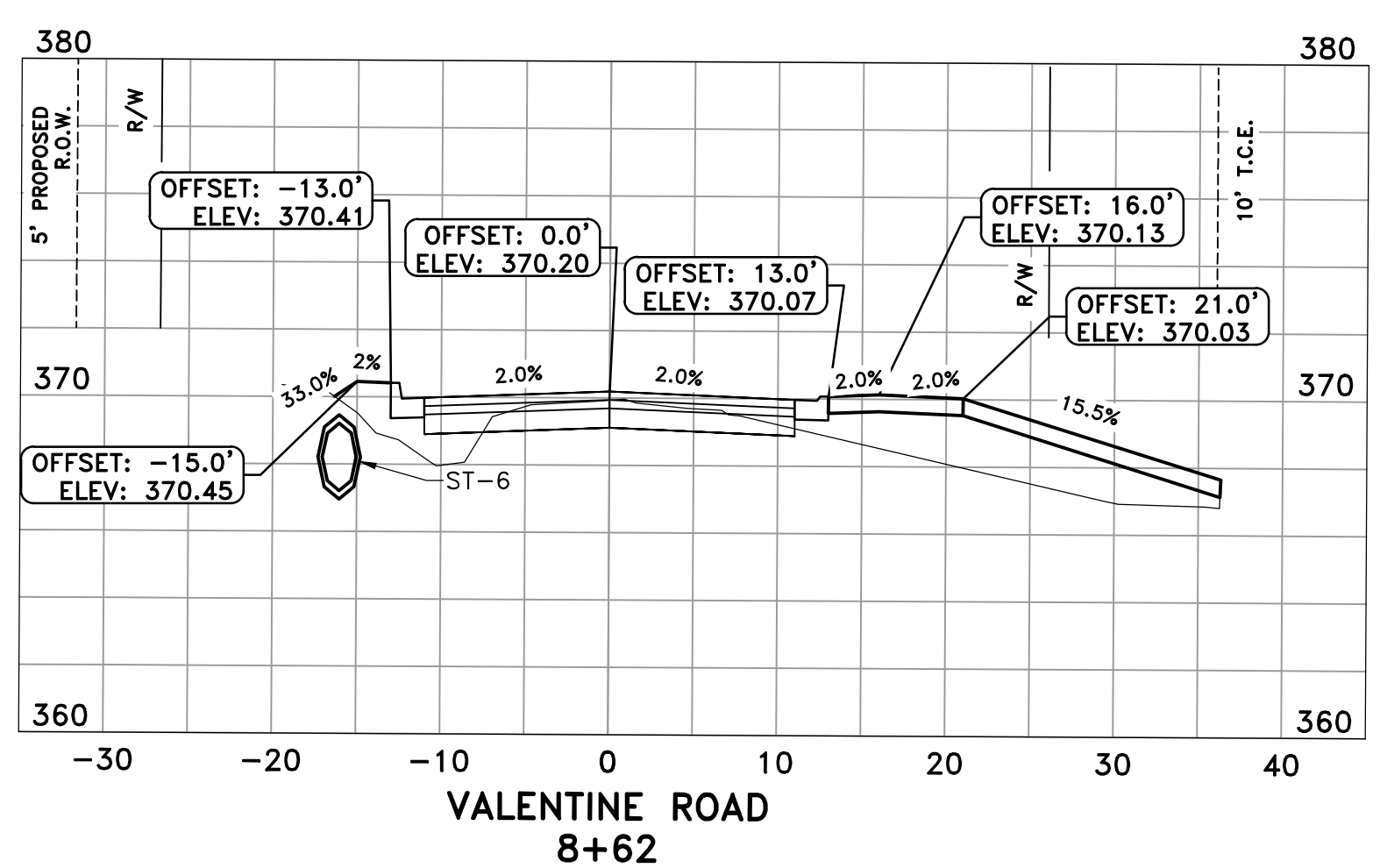
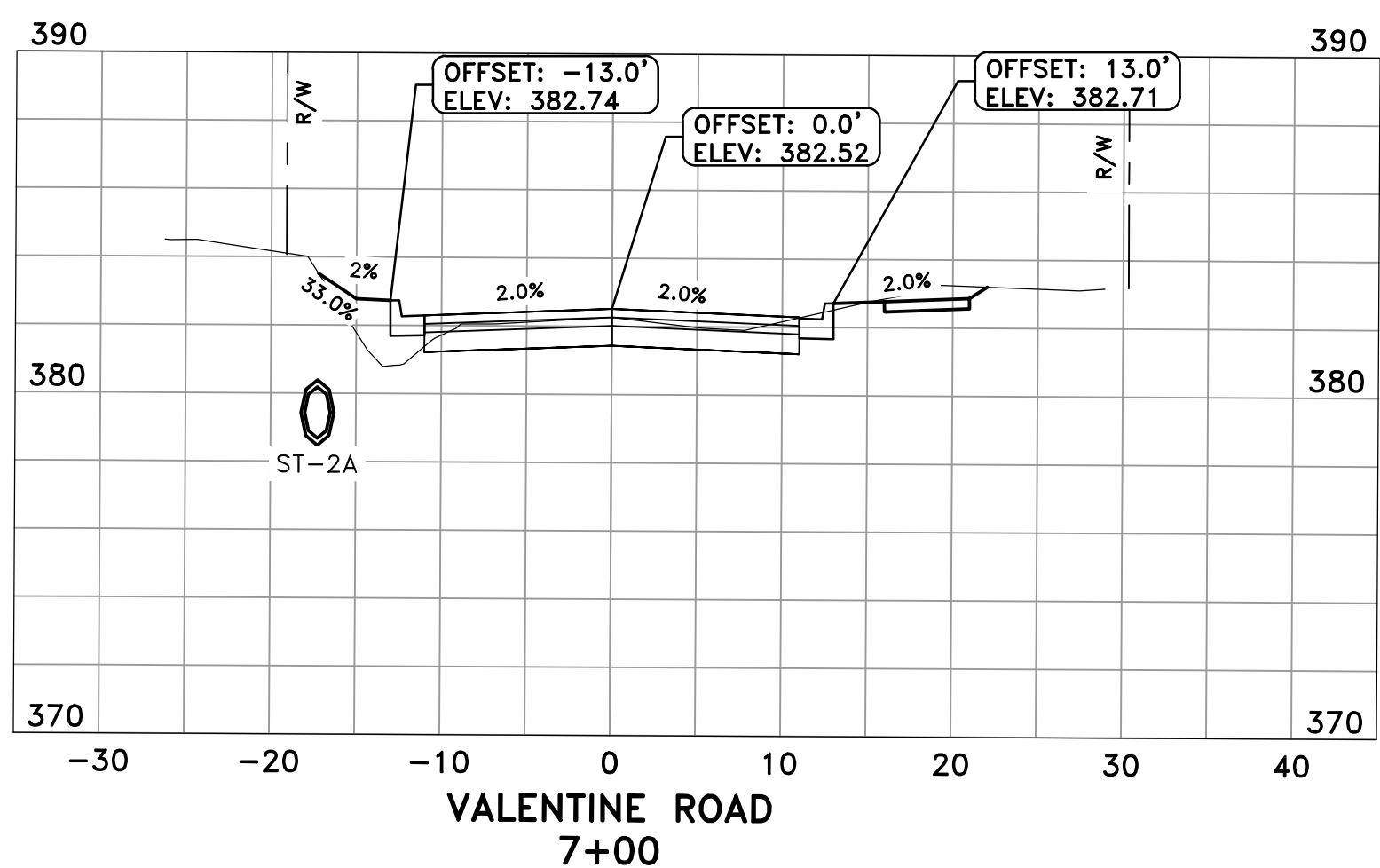
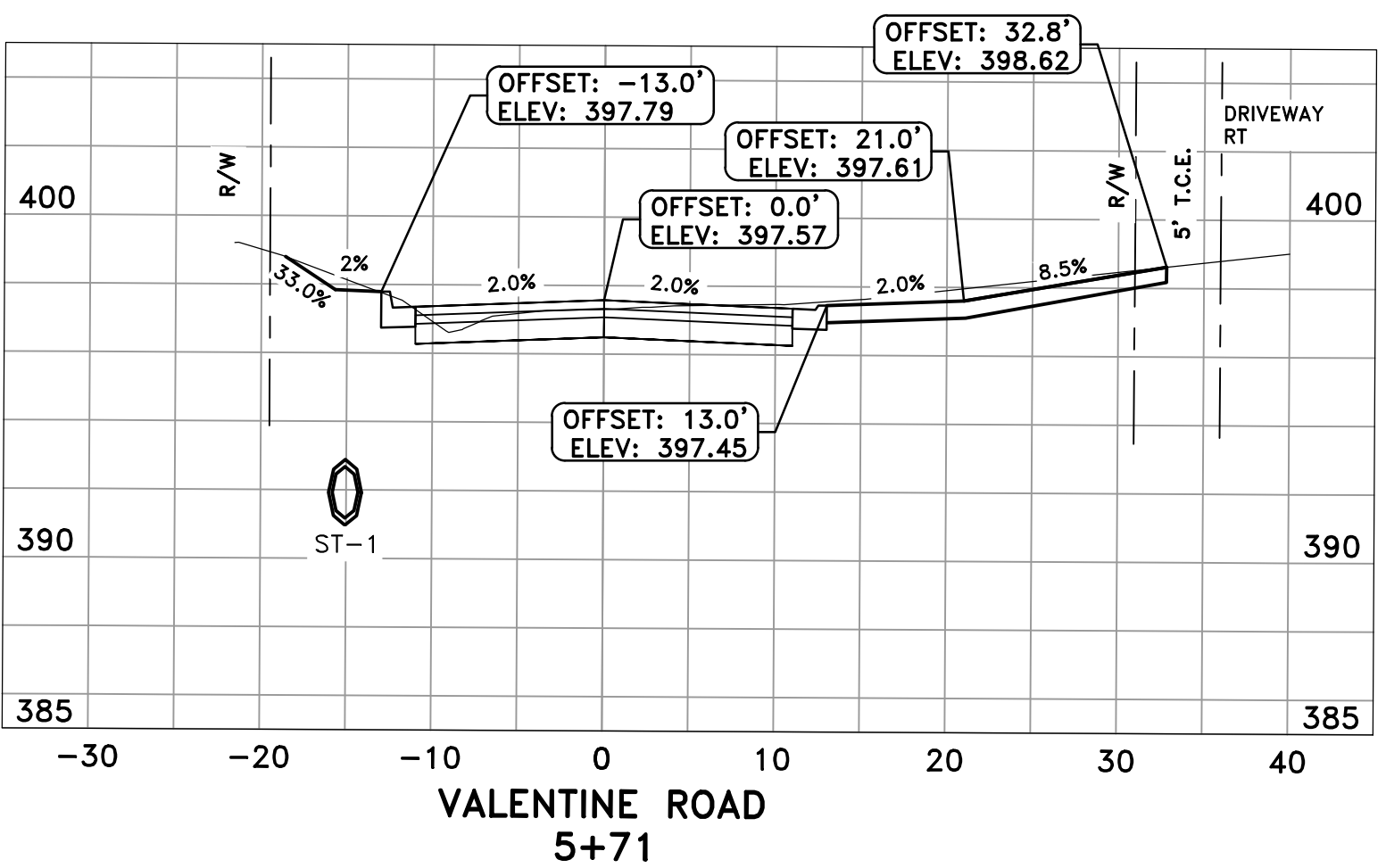
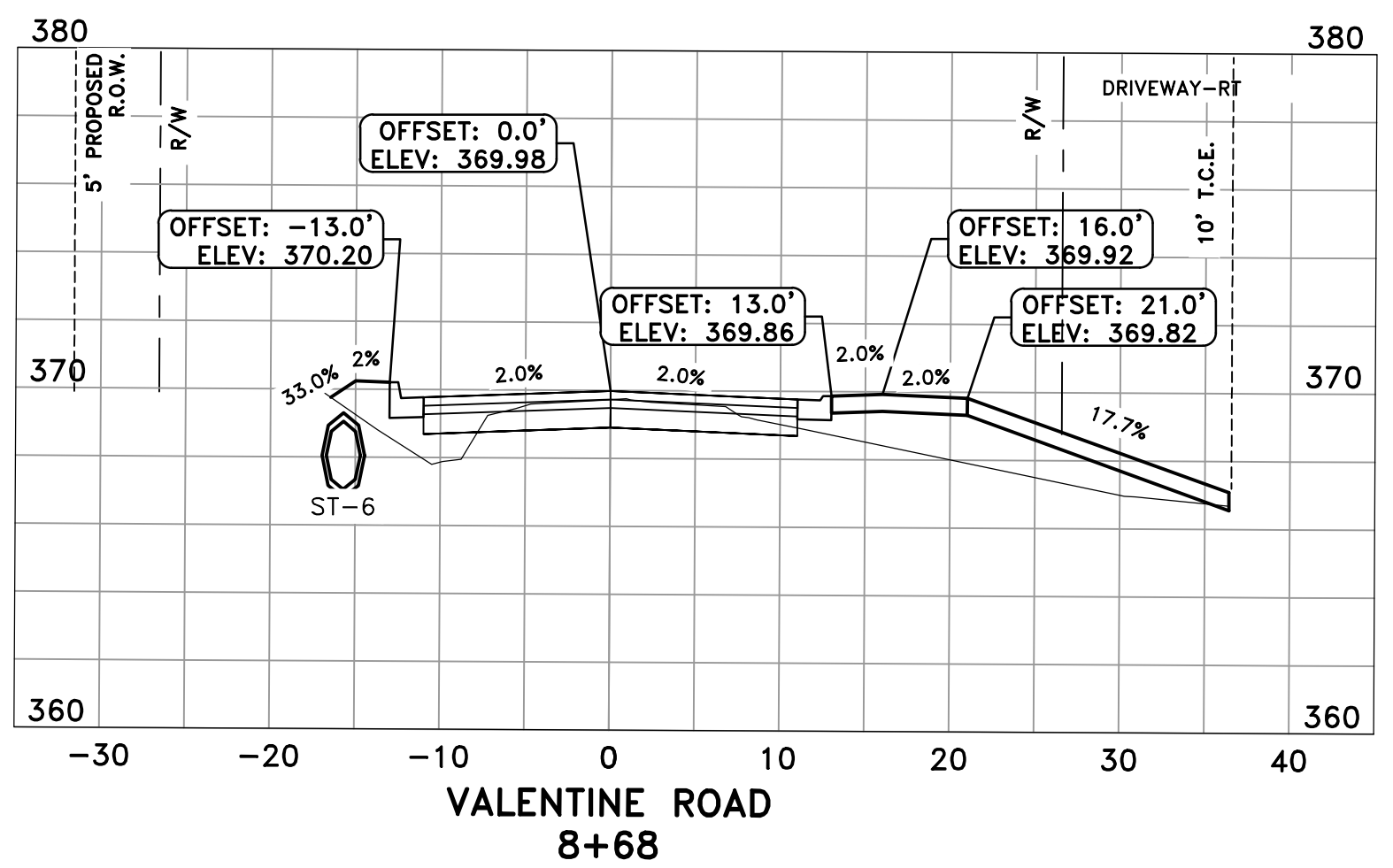
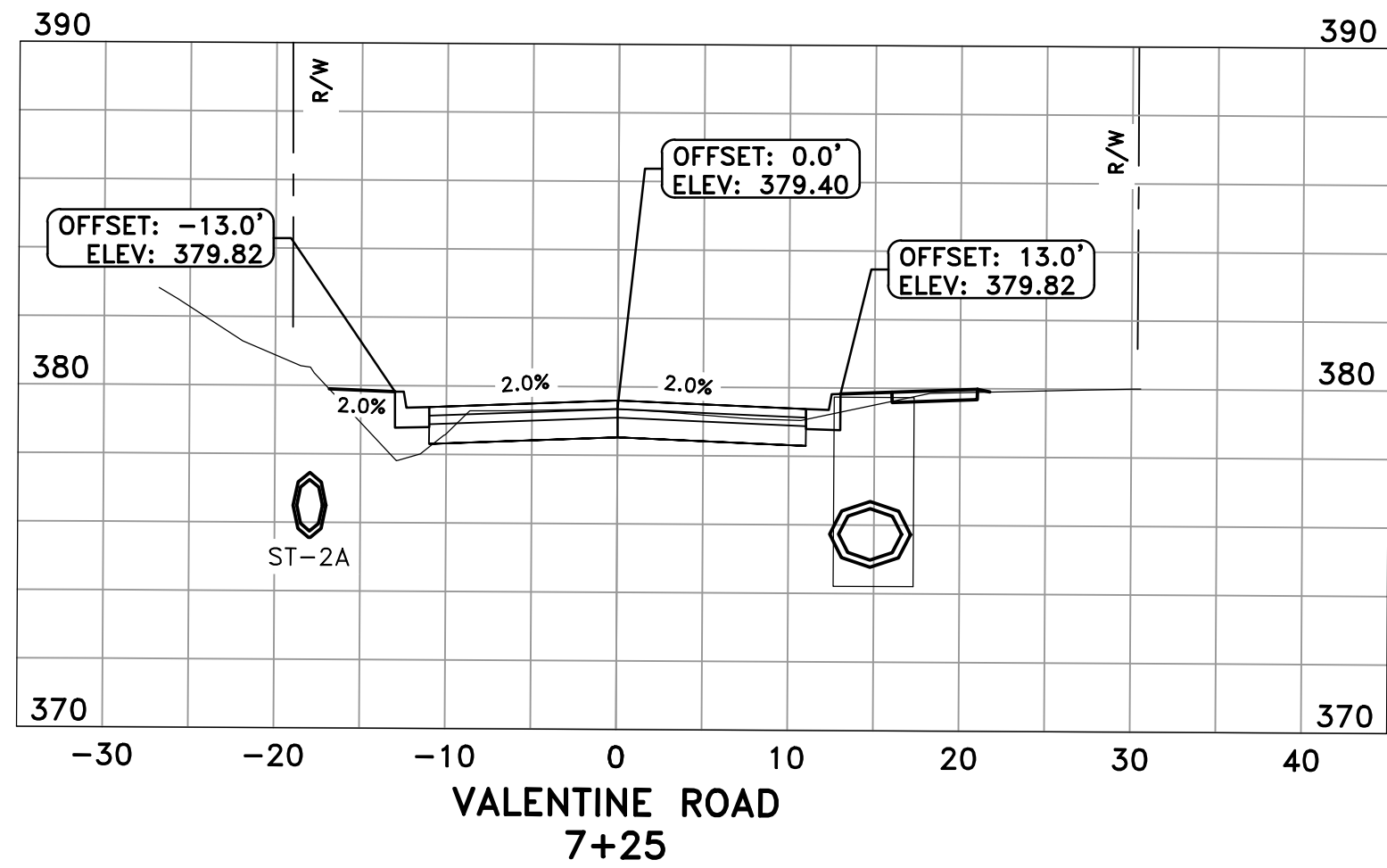
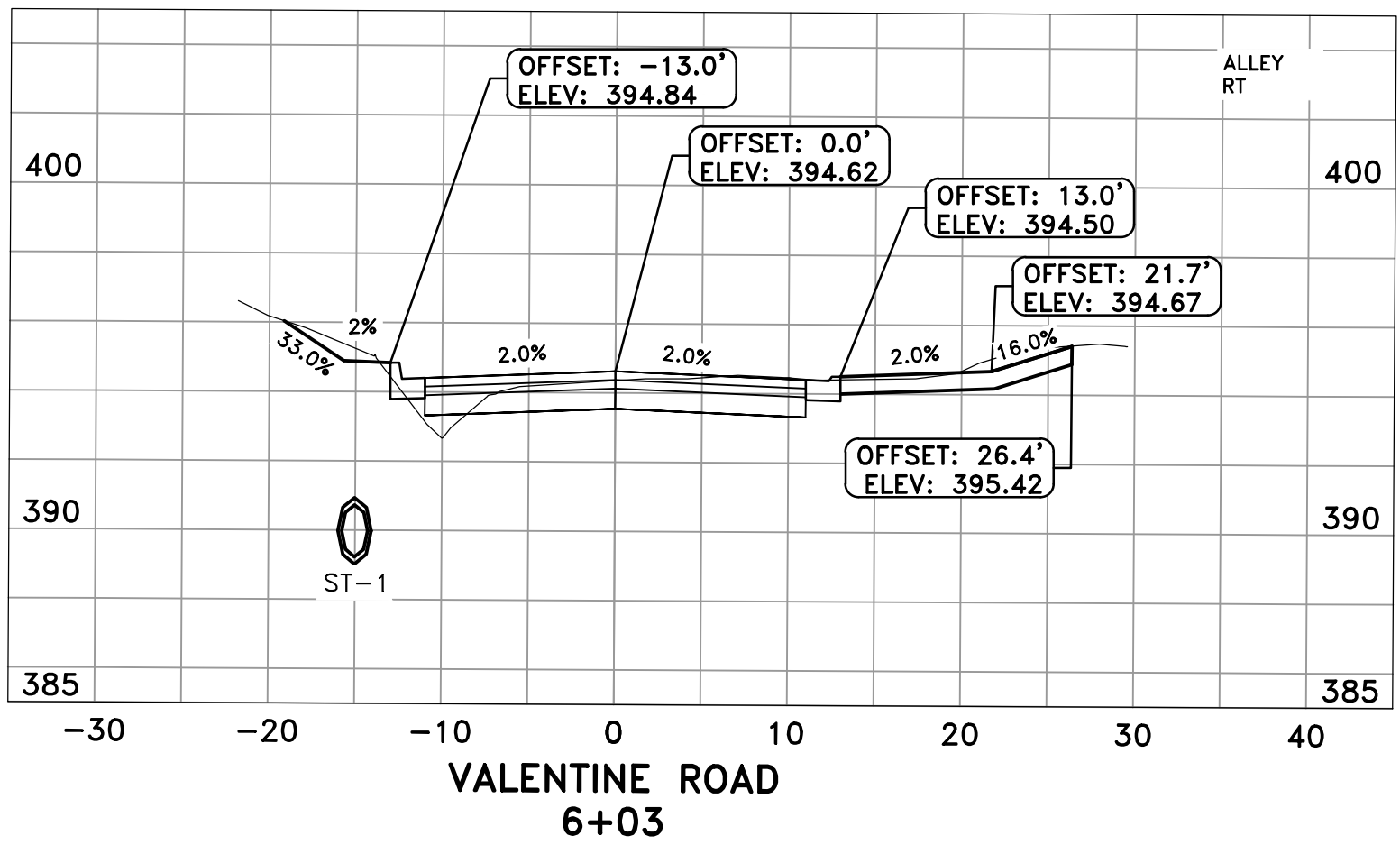
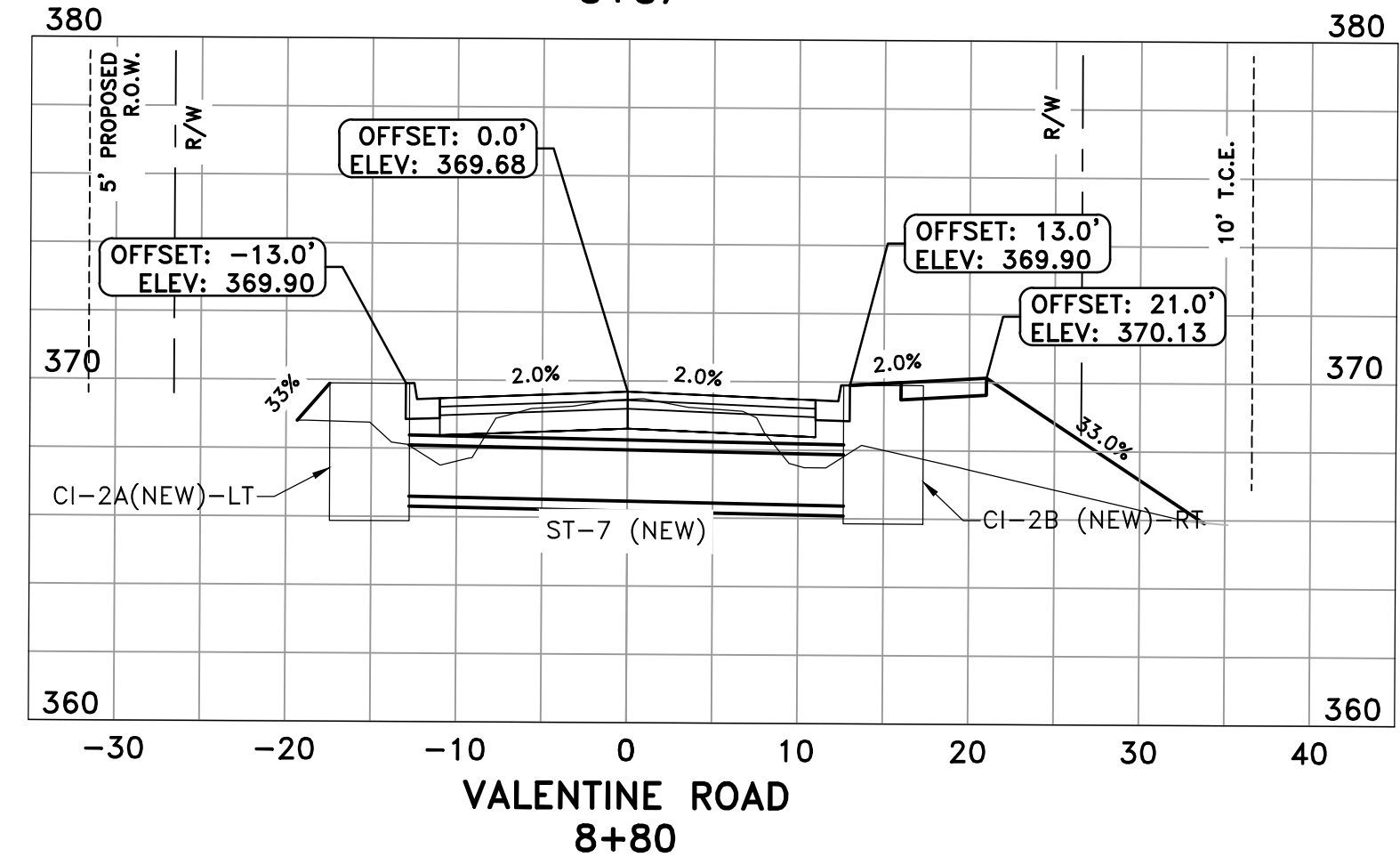
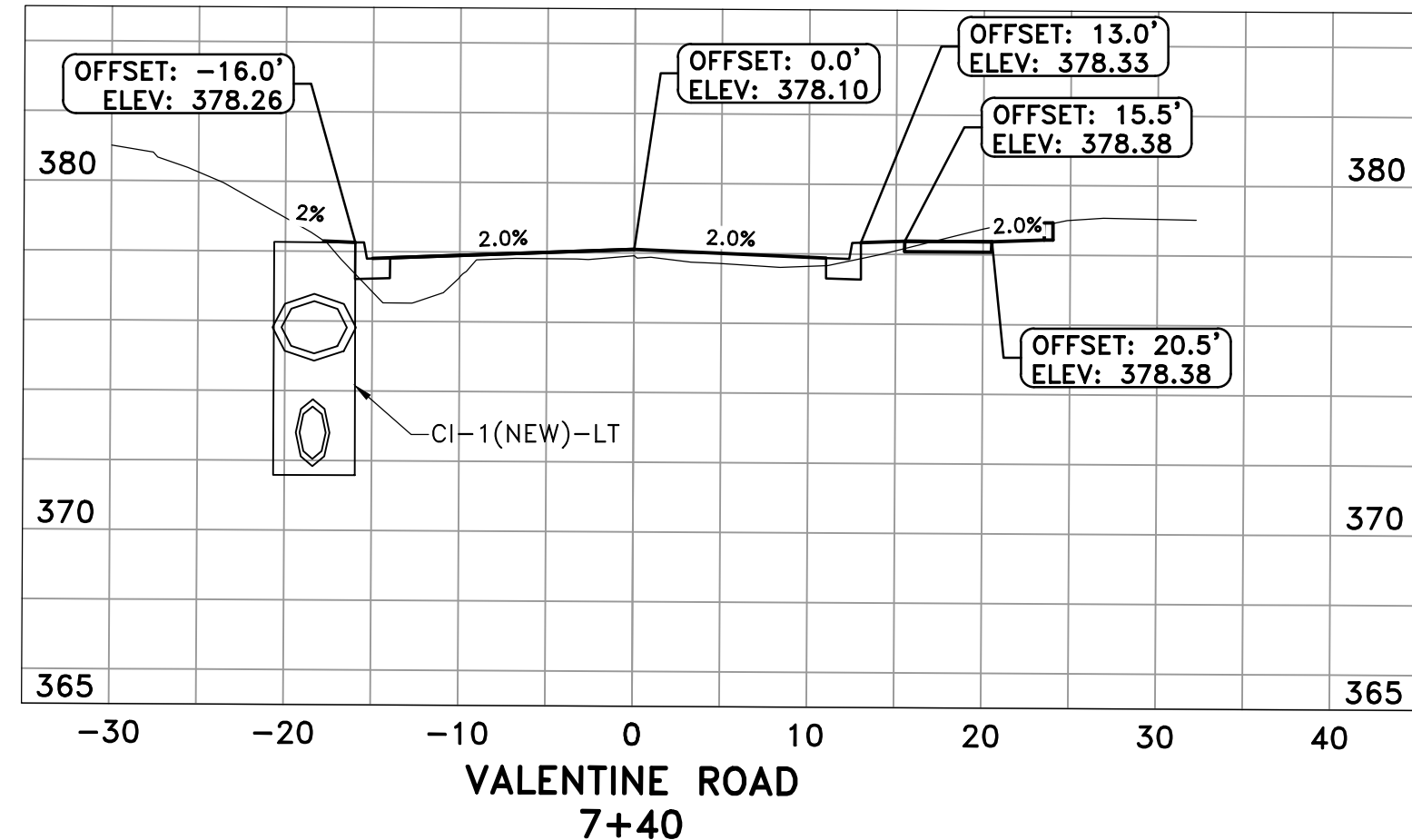
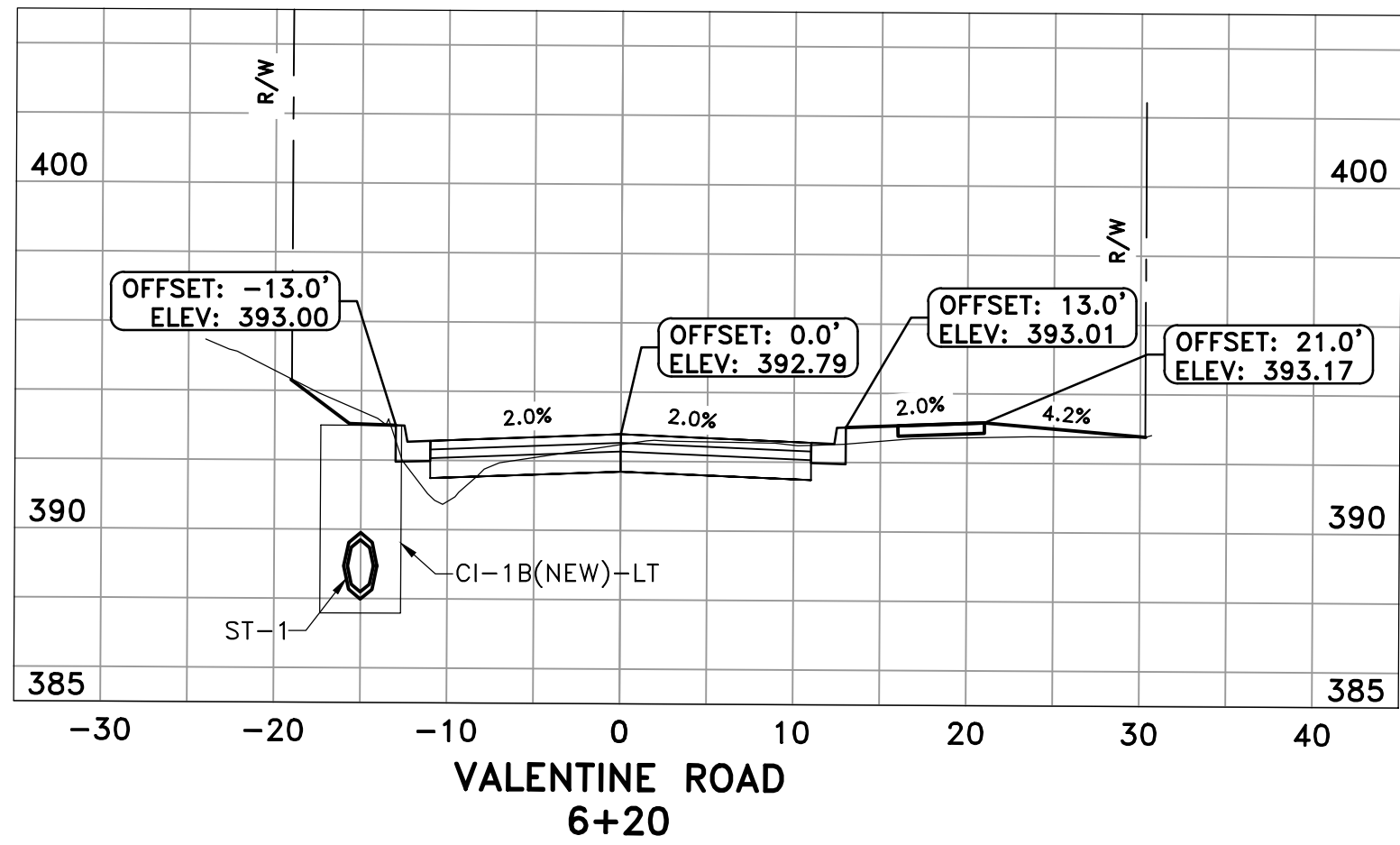
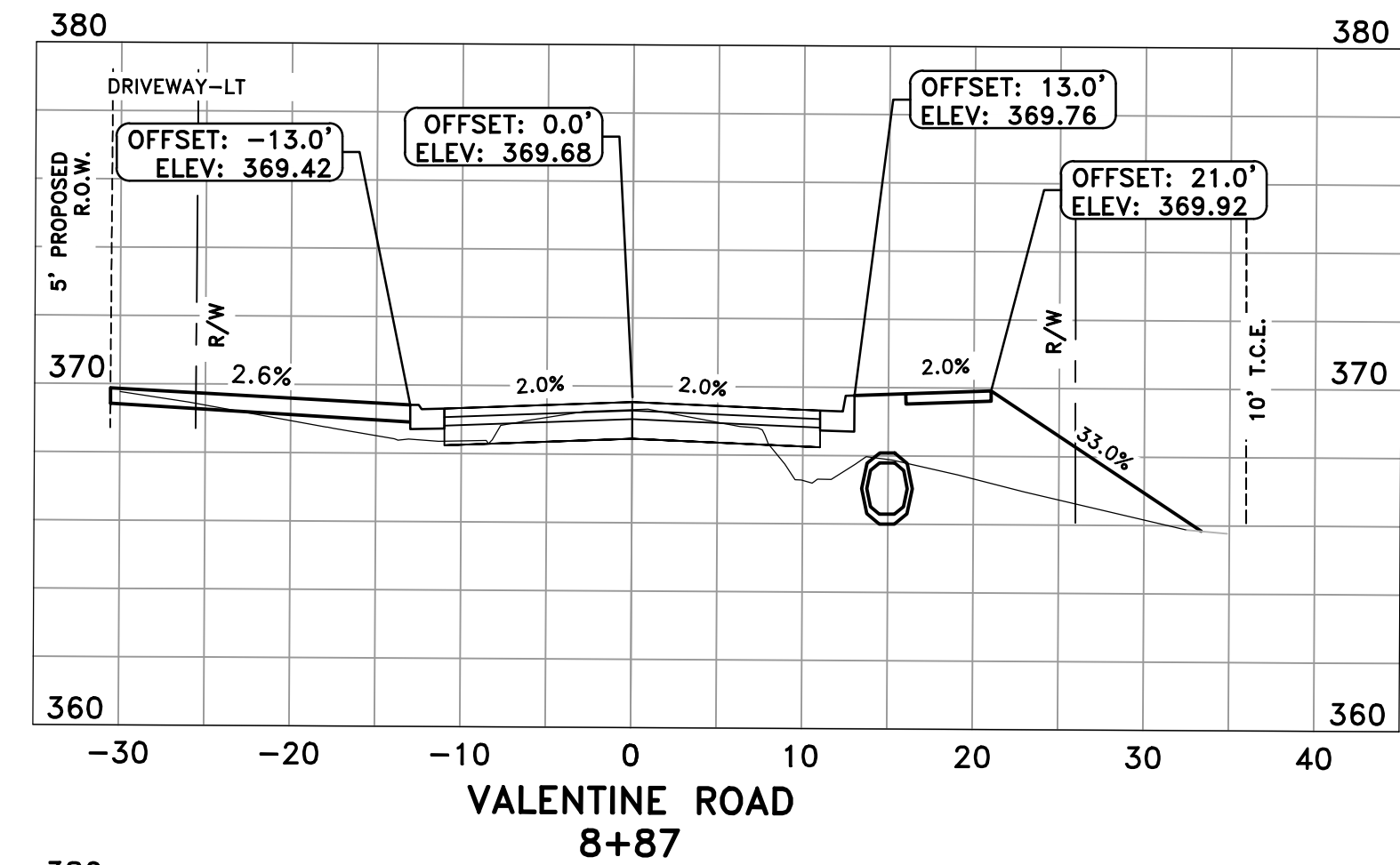
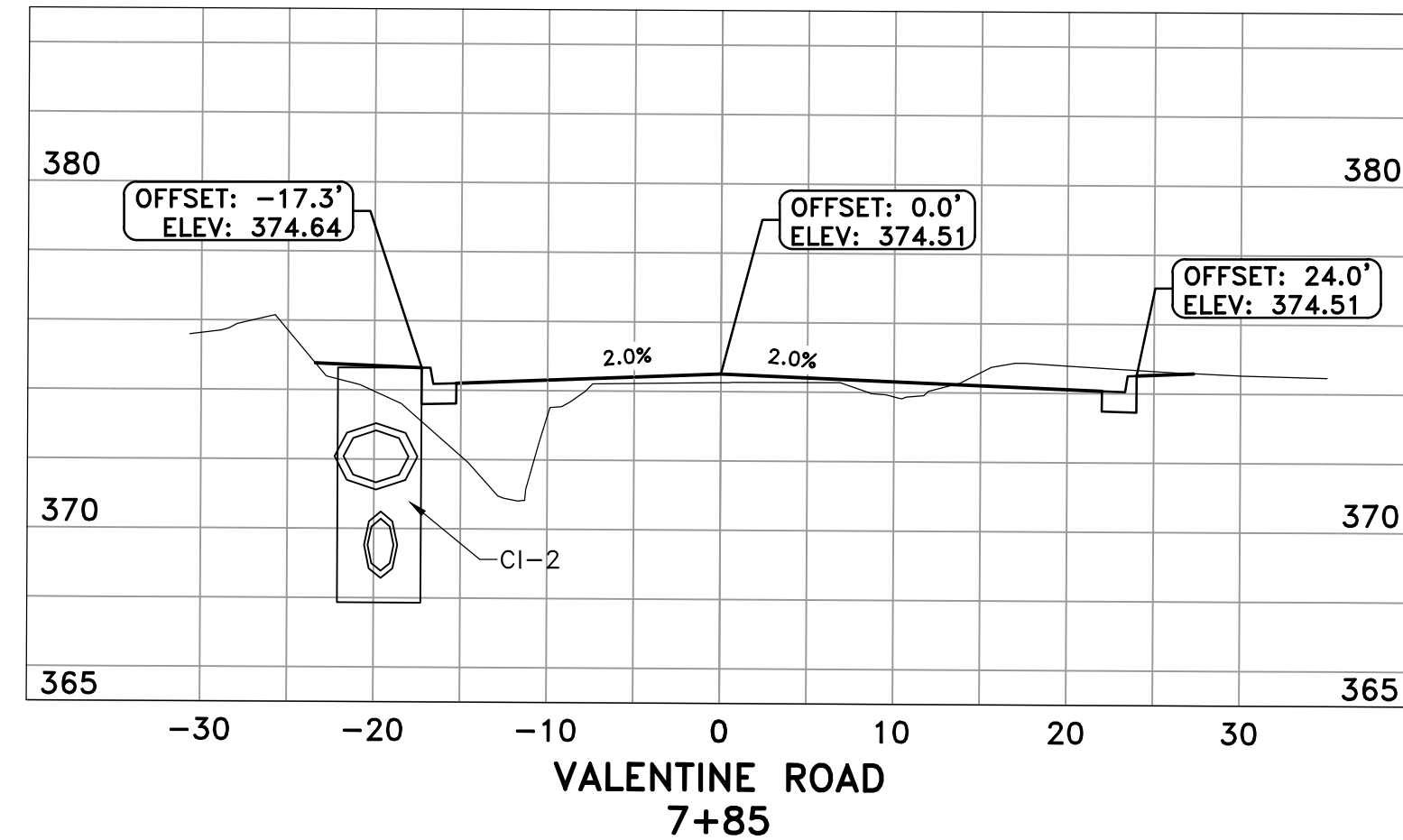
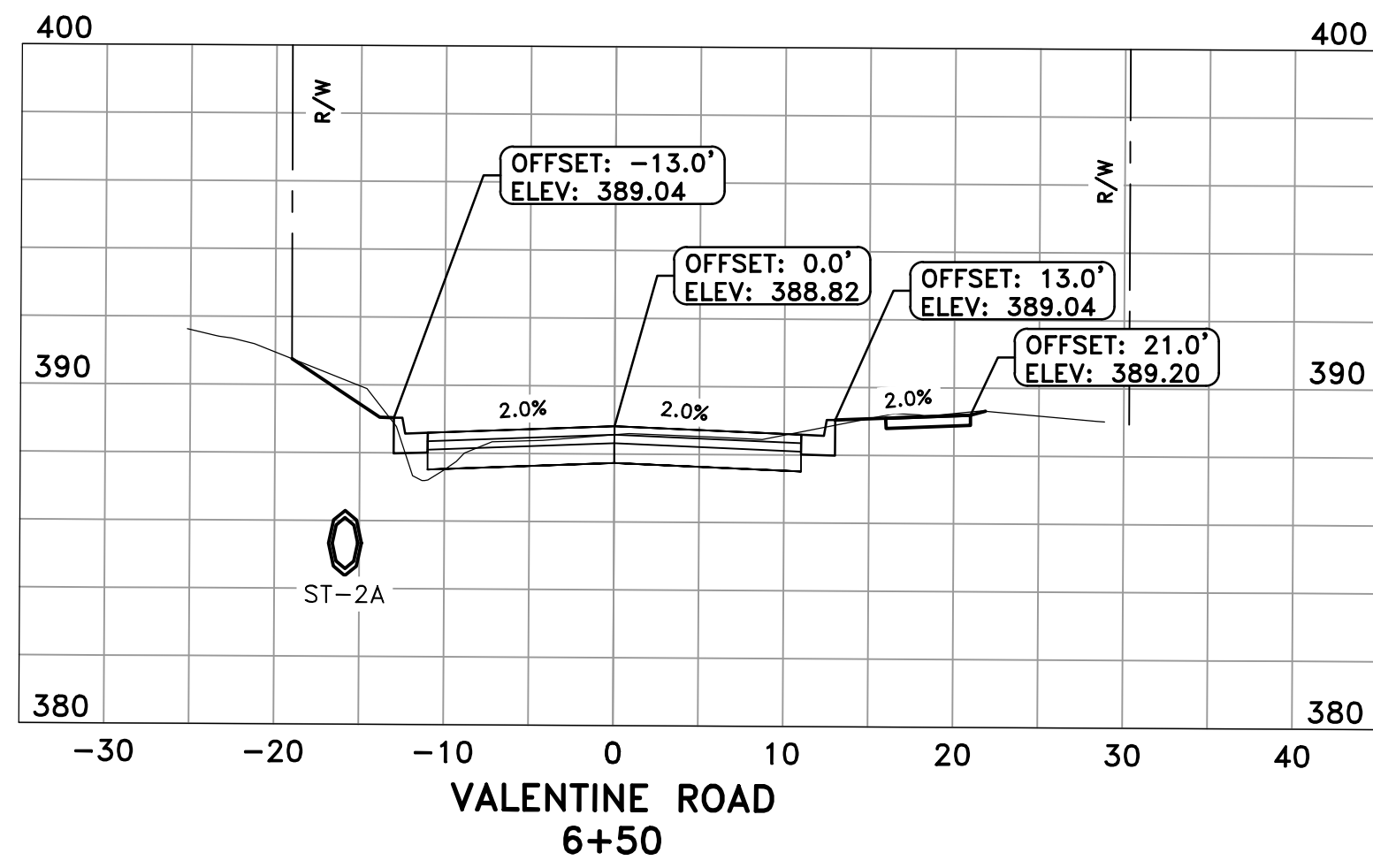
**CITY OF LITTLE ROCK, ARKANSAS**  
**S VALENTINE STREET RECONSTRUCTION**  
**CROSS SECTIONS - I**

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



**DRAWN BY**  
ATV  
**DESIGNED**  
NHC & VJW  
**CHECKED**  
VJW  
**DATE**  
12-02-2019  
**SCALE**  
1"=10' HZ 1"=5' VT  
**PROJECT NO.**  
01-17-ST-57  
**SHEET NO.**  
C9

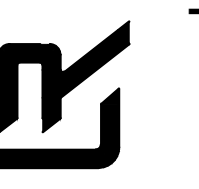




REVISIONS	DATE

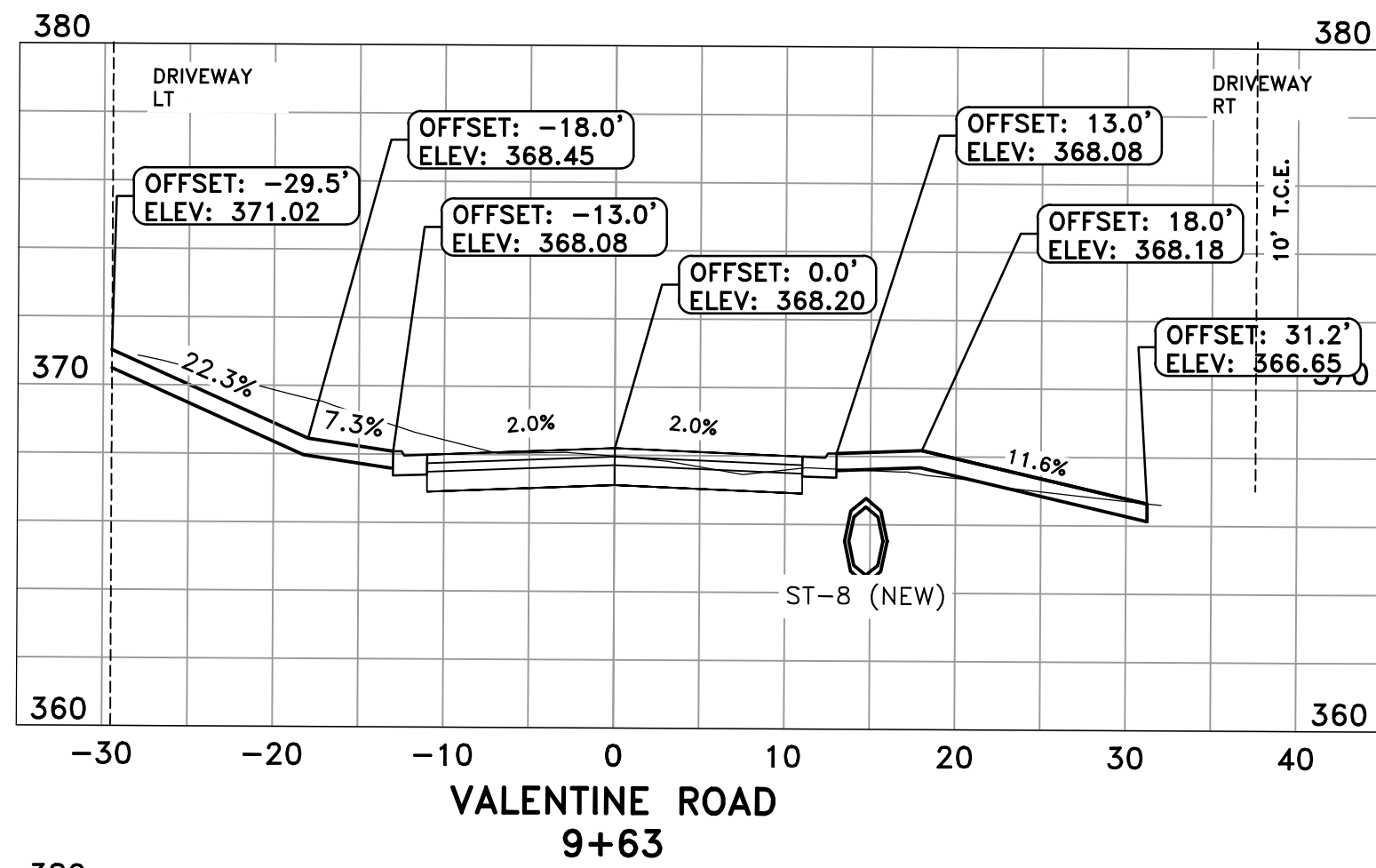
CITY OF LITTLE ROCK, ARKANSAS  
S VALENTINE STREET RECONSTRUCTION  
CROSS SECTIONS - II

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

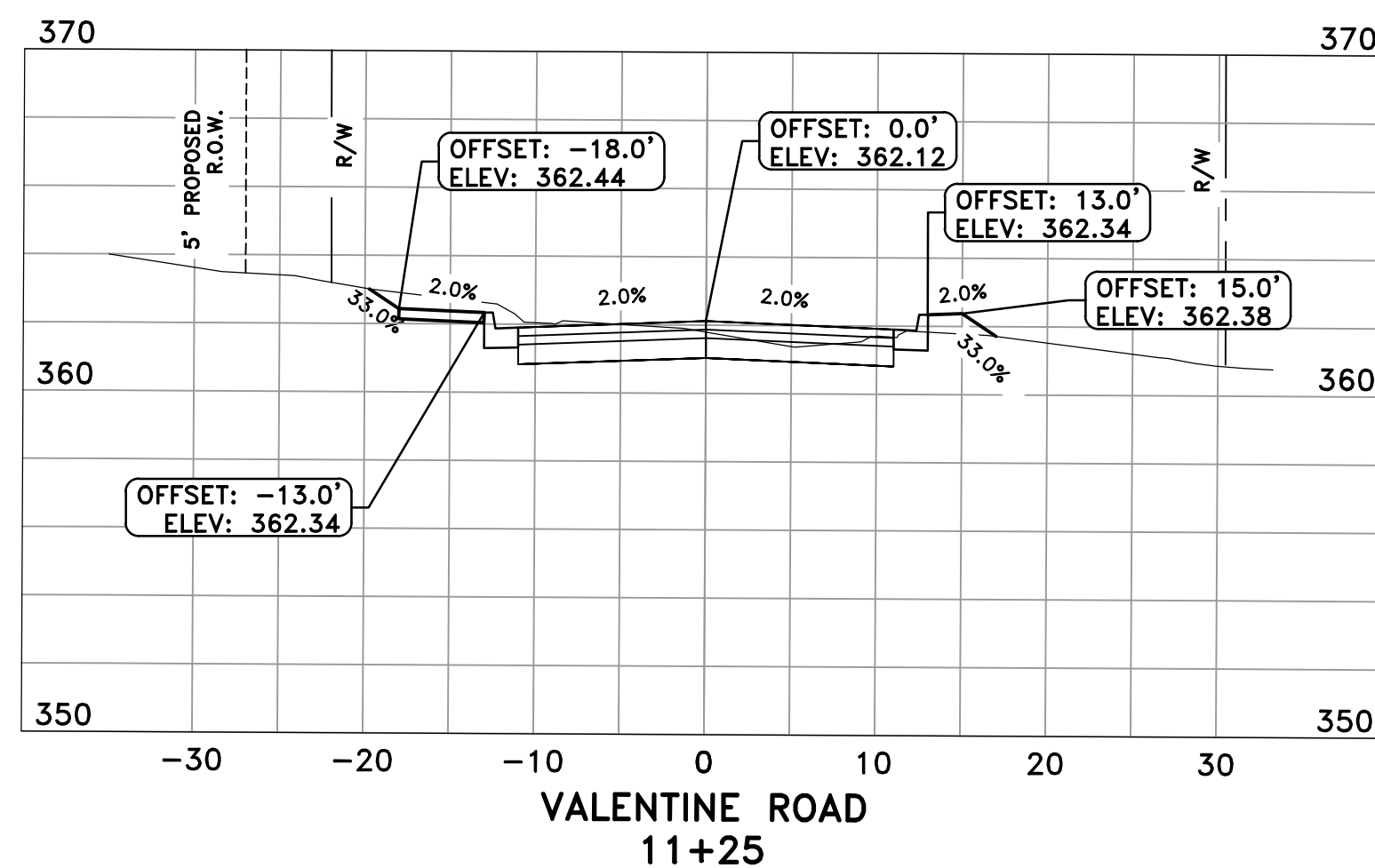


12-02-2019

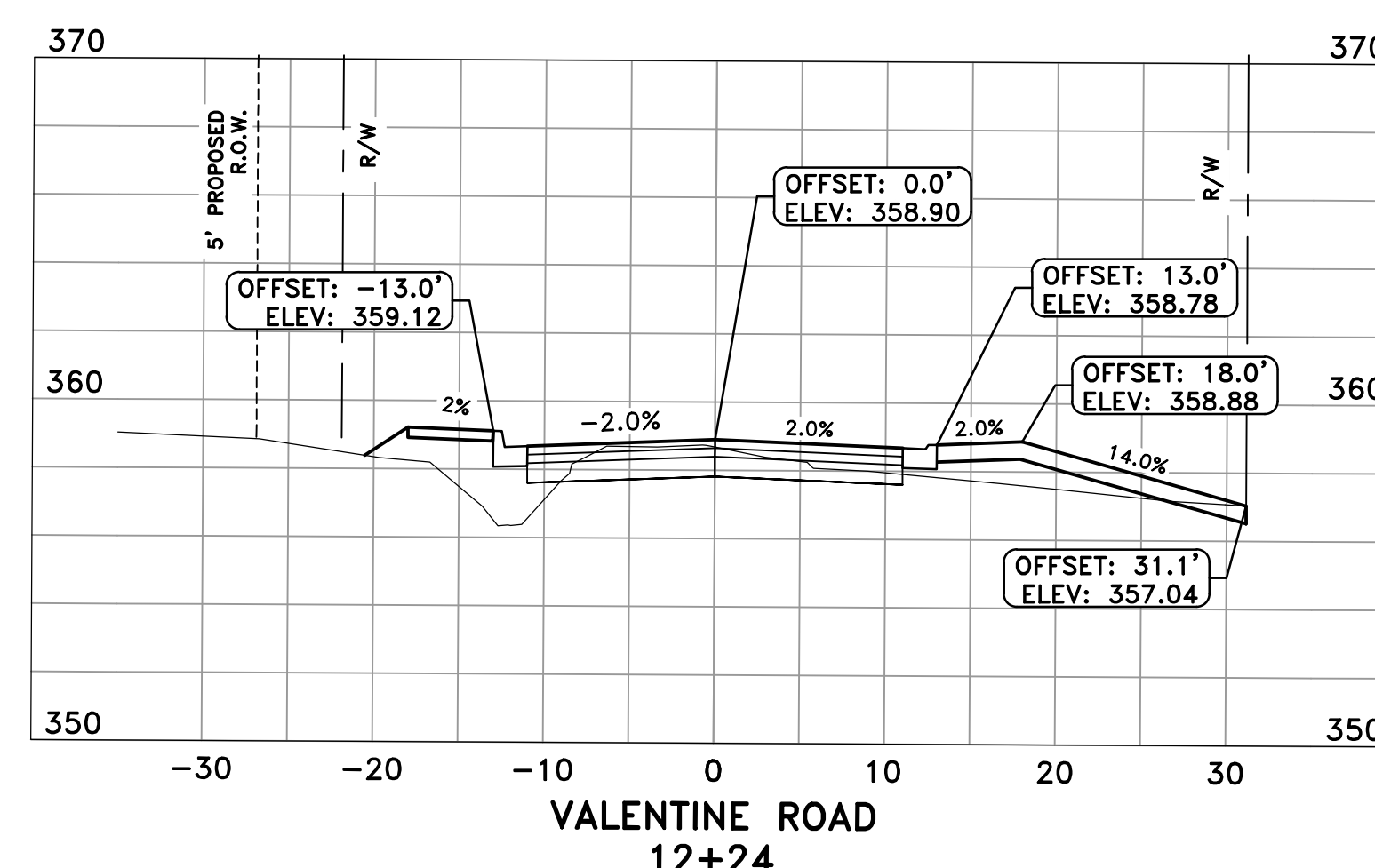
DRAWN BY  
ATV  
DESIGNED  
NHC & VJW  
CHECKED  
VJW  
DATE  
12-02-2019  
SCALE  
1"=10' HZ 1"=5' VT  
PROJECT NO.  
01-17-ST-57  
SHEET NO.  
C10



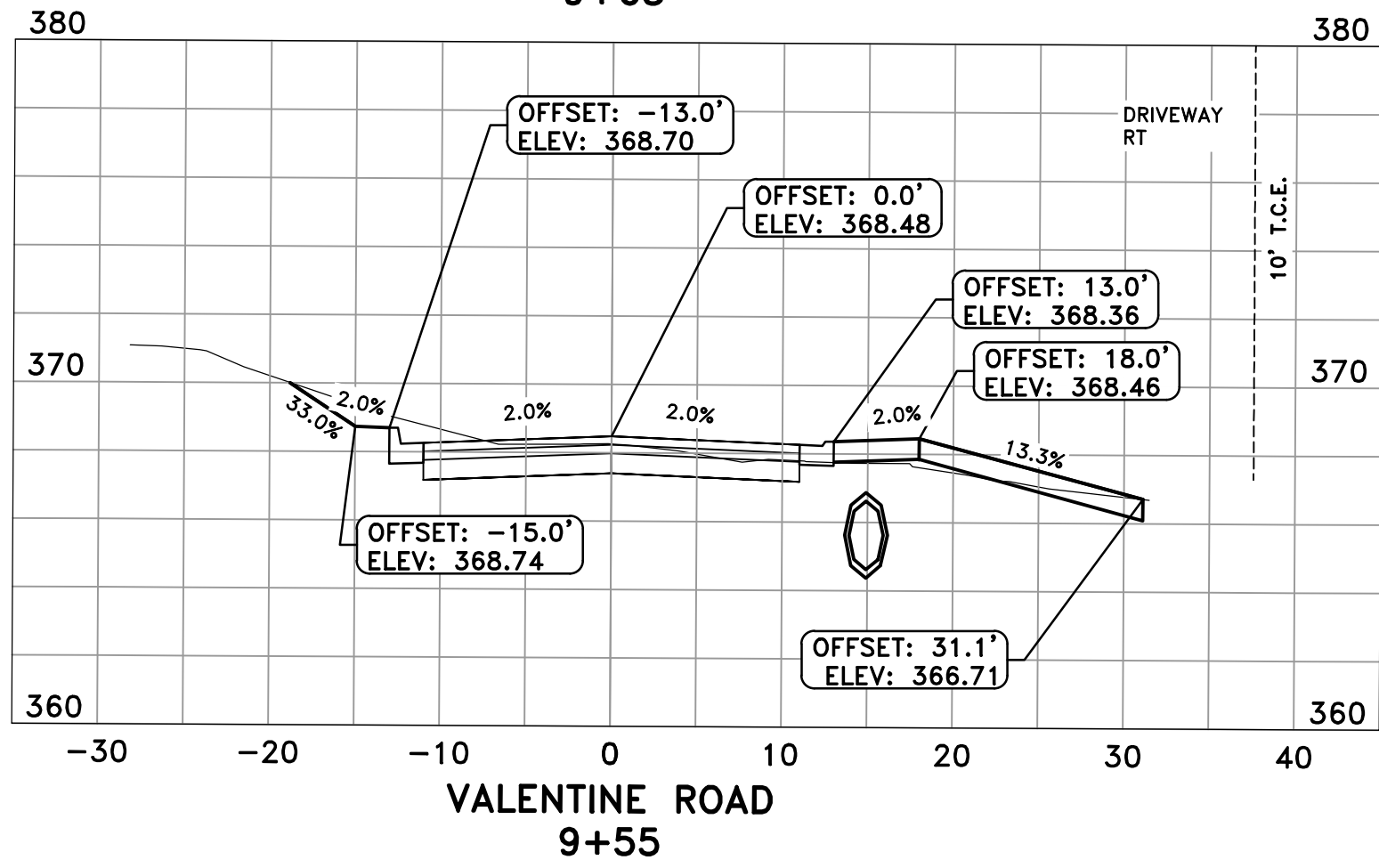
VALENTINE ROAD  
9+63



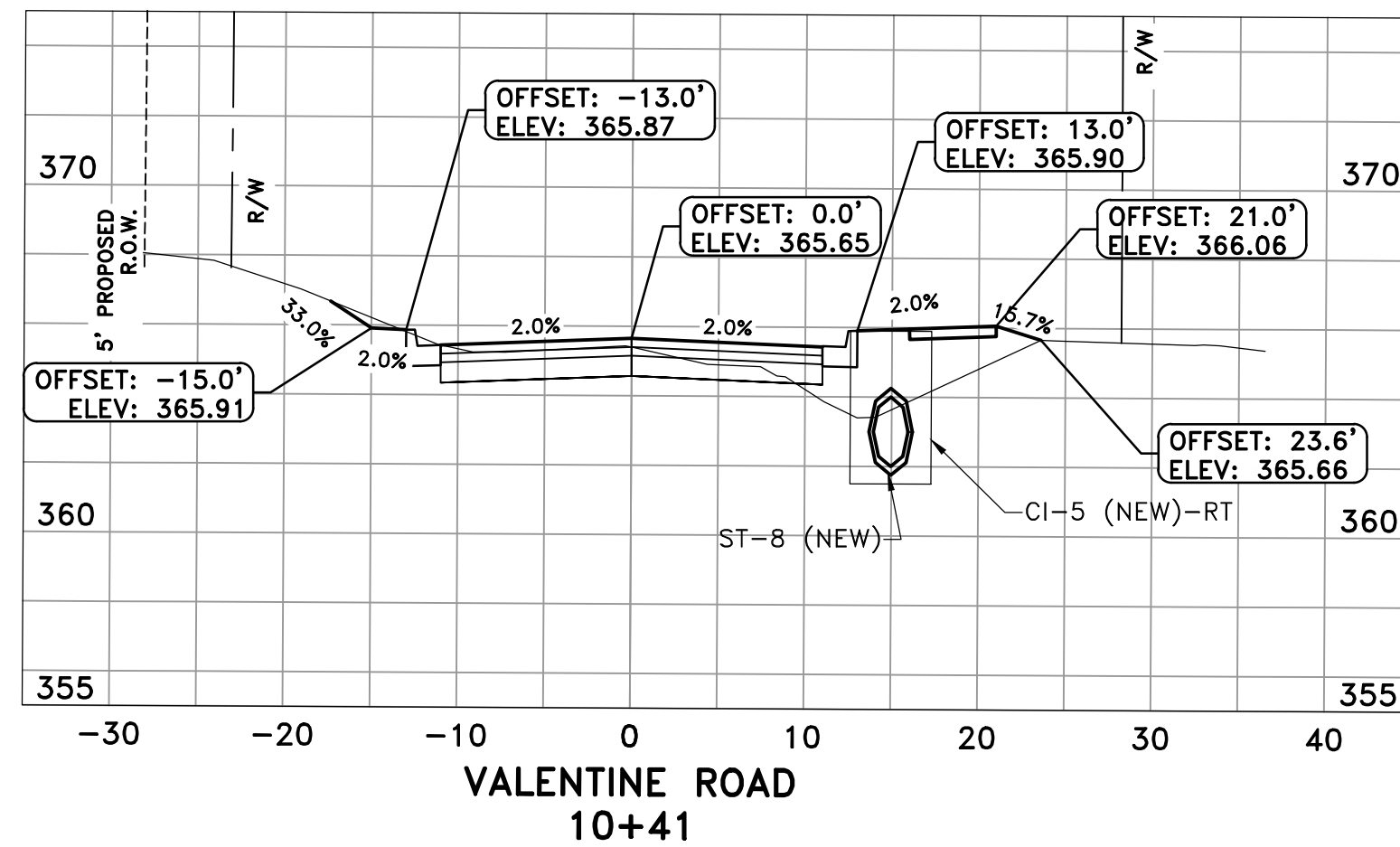
VALENTINE ROAD  
11+25



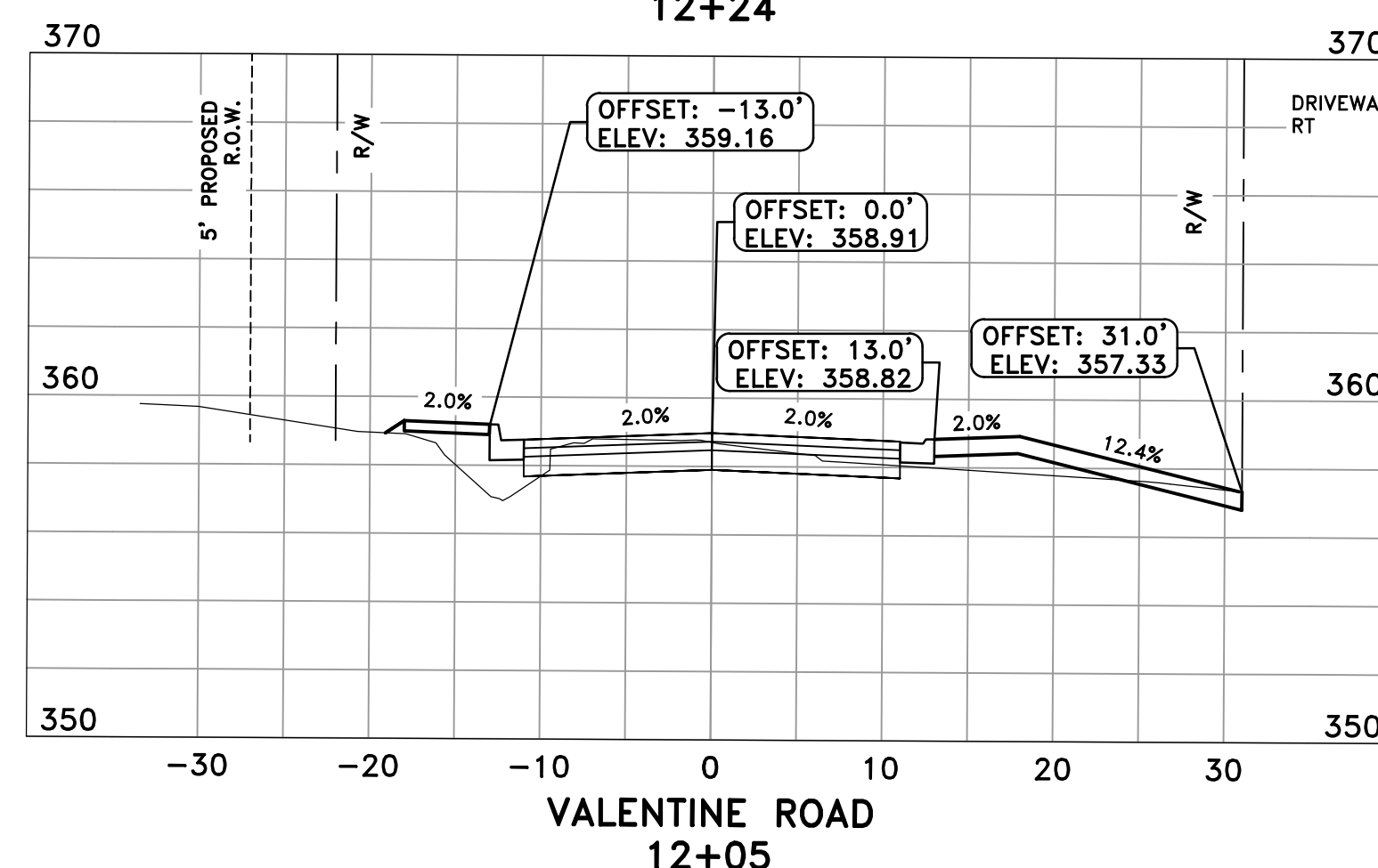
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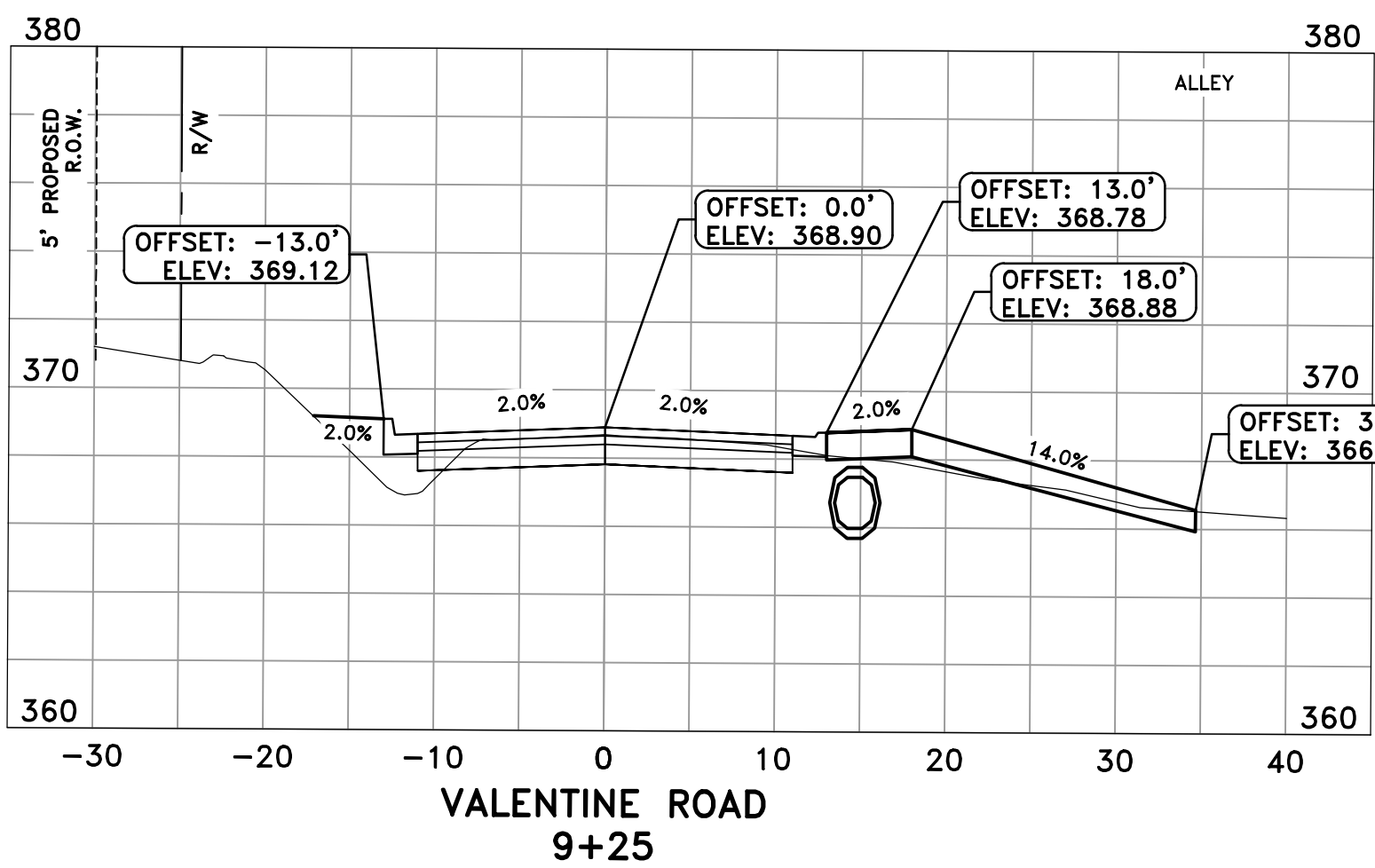
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9+55



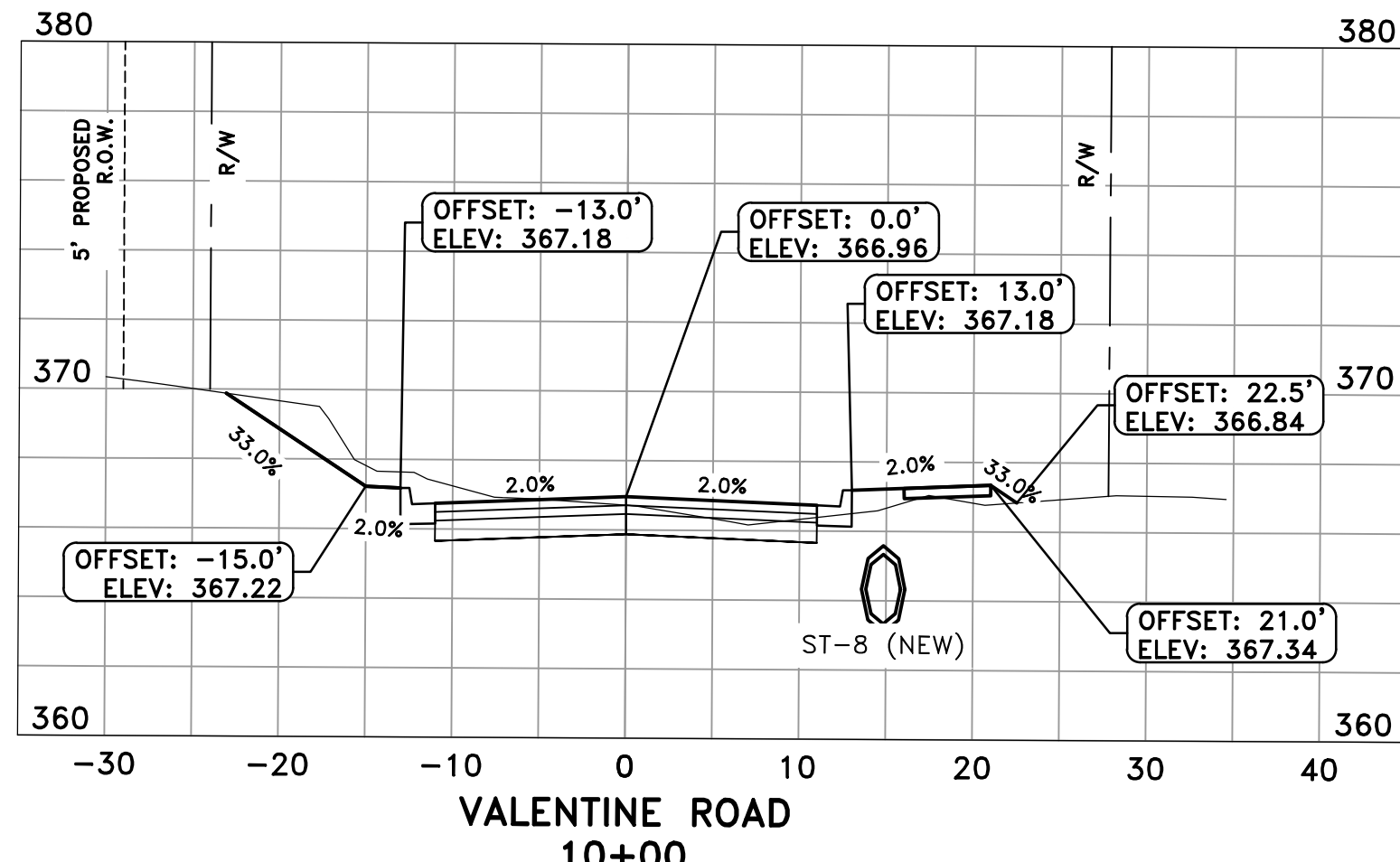
VALENTINE ROAD  
10+41



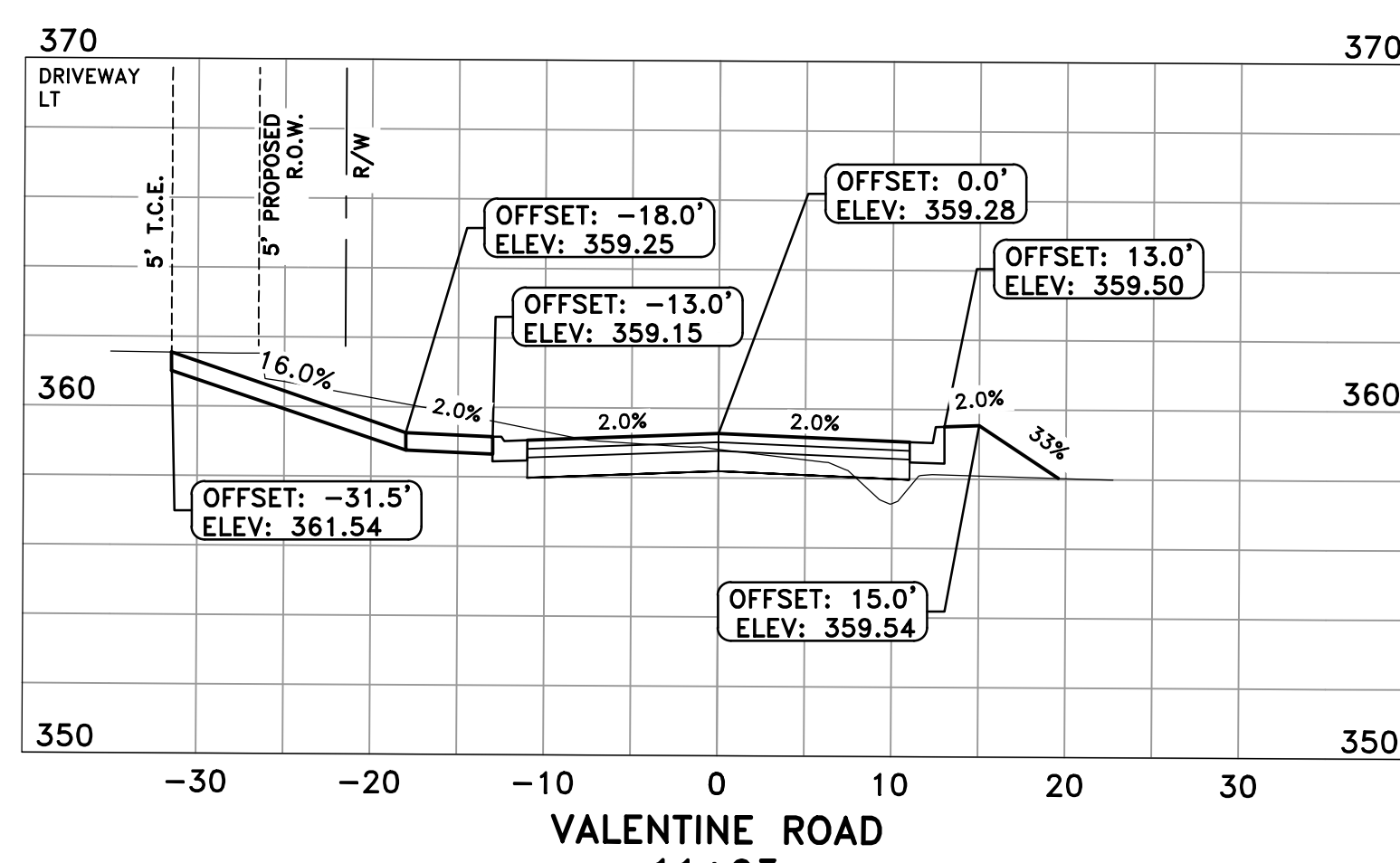
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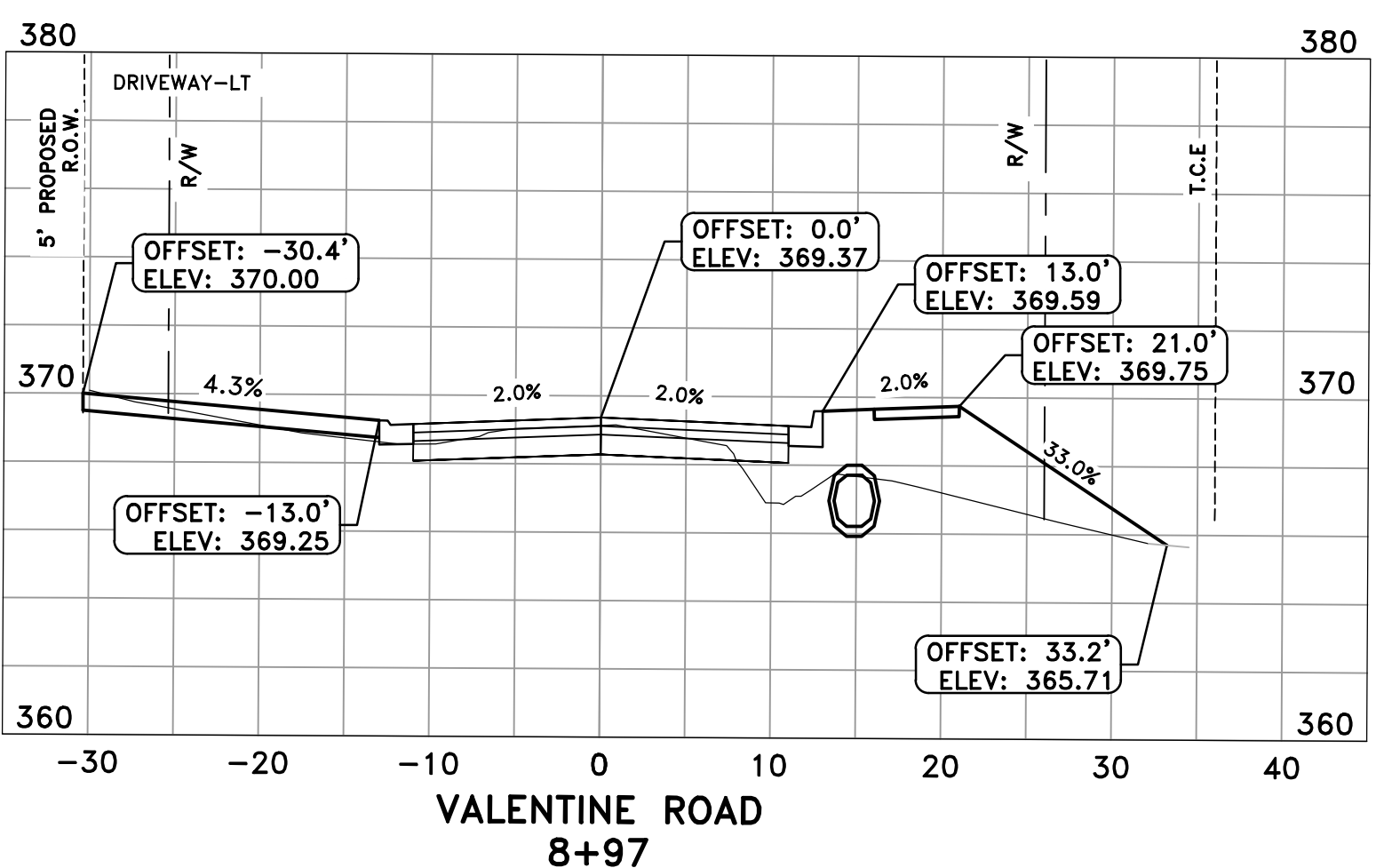
VALENTINE ROAD  
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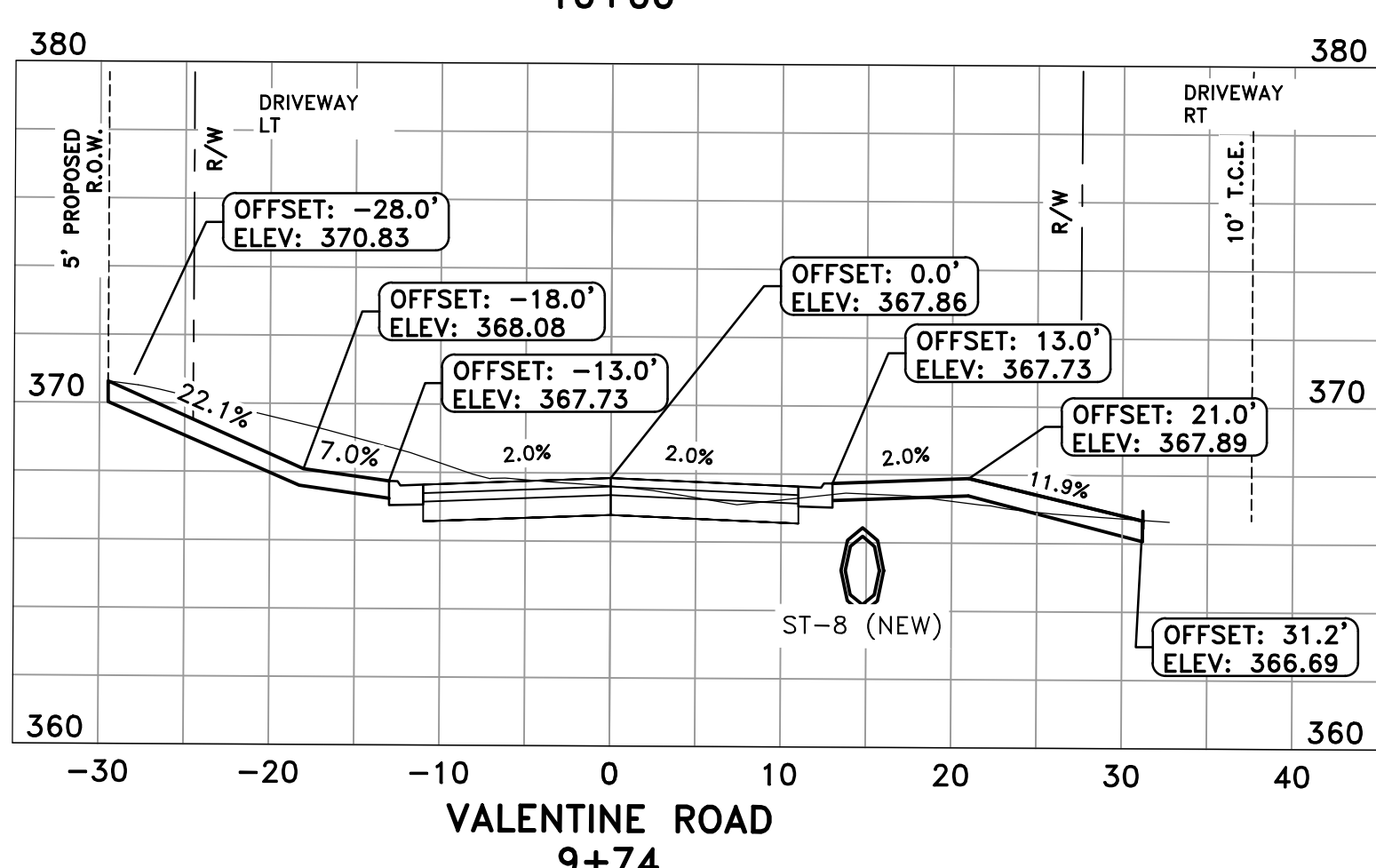
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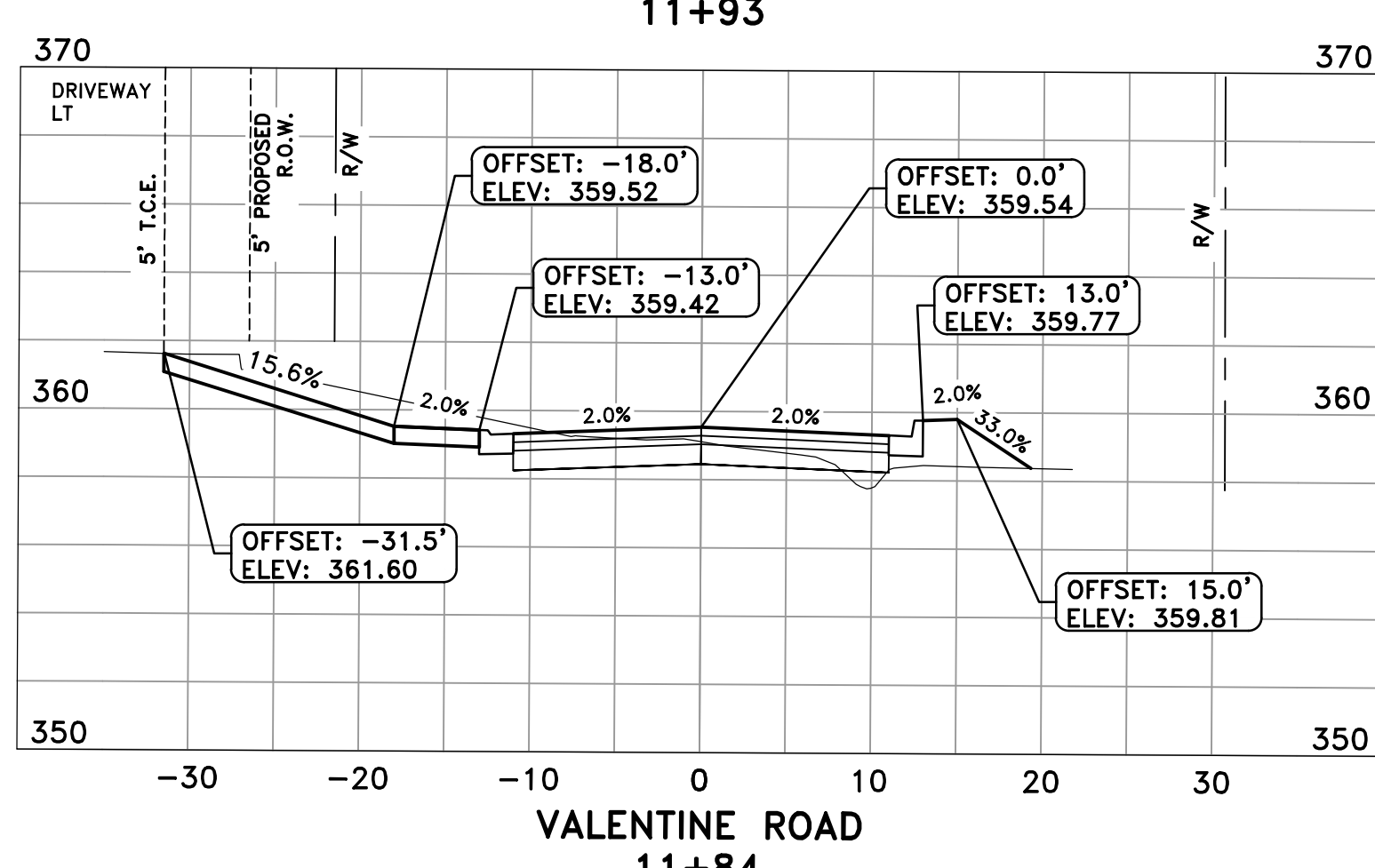
VALENTINE ROAD  
11+93



VALENTINE ROAD  
8+97



VALENTINE ROAD  
9+74

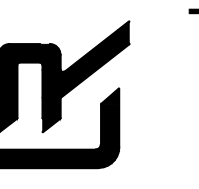


VALENTINE ROAD  
11+84

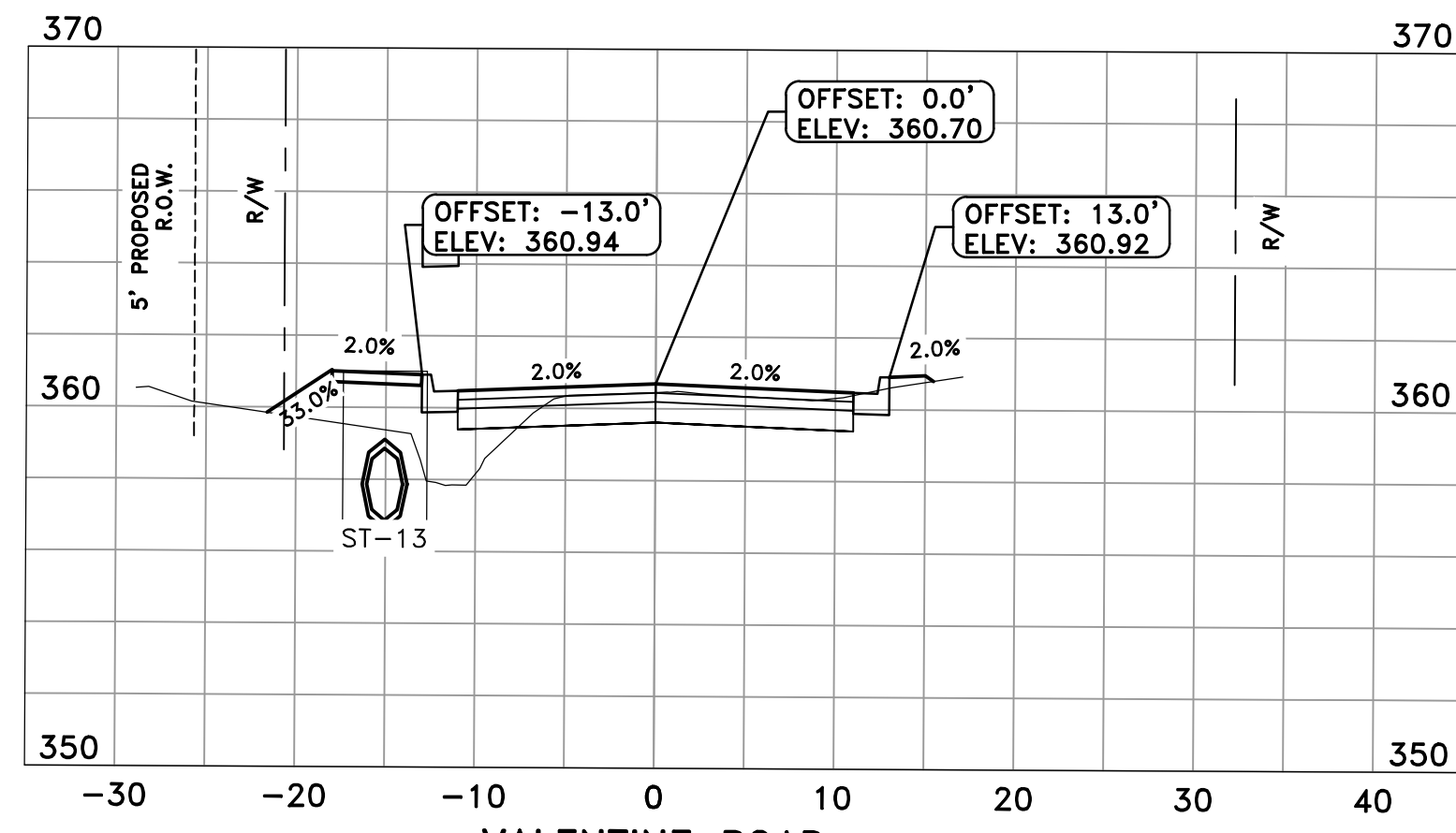
REVISIONS	DATE

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

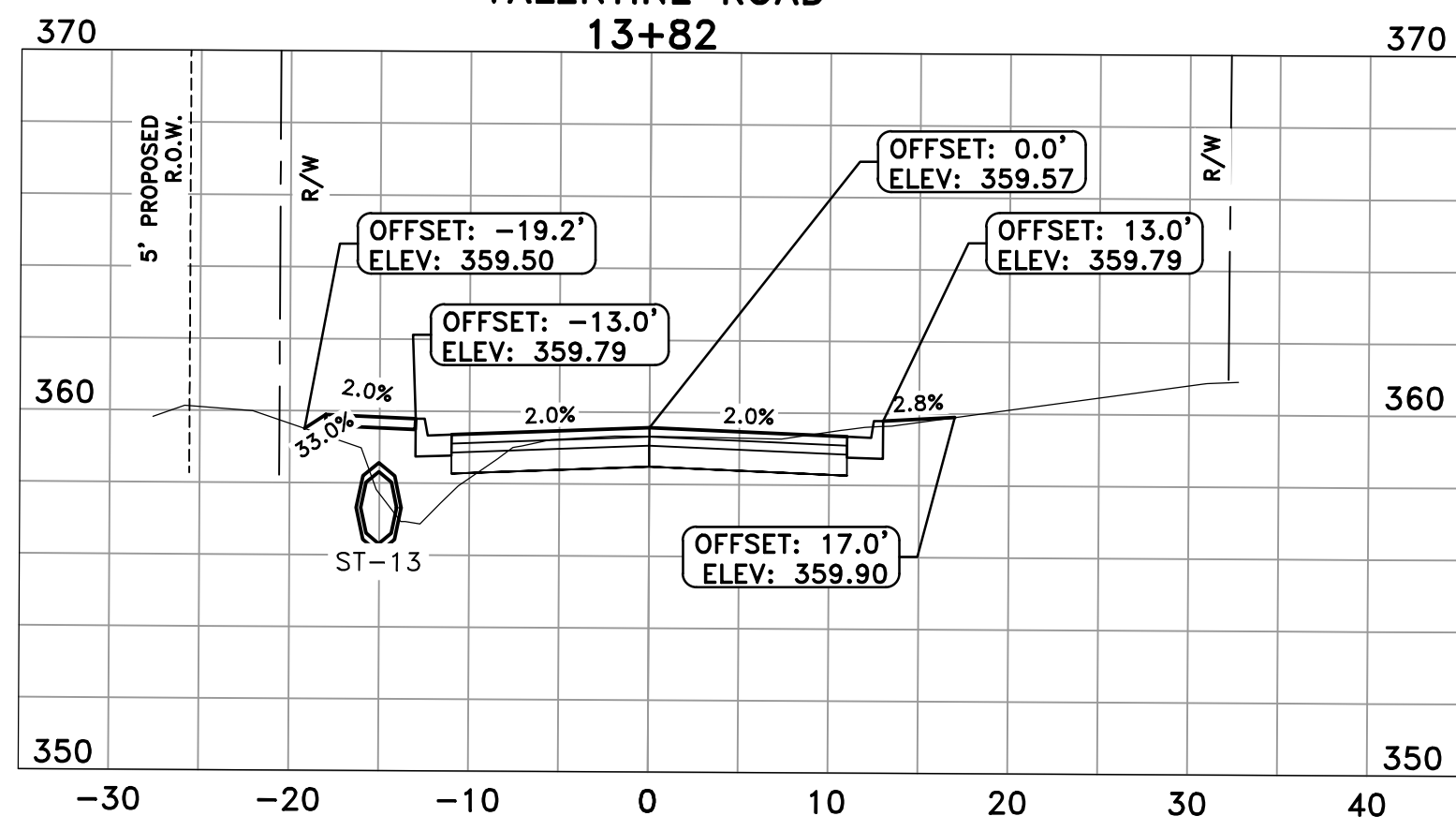
DEPARTMENT OF PUBLIC WORKS  
CIVIL ENGINEERING  
701 W. MARKHAM  
LITTLE ROCK, ARKANSAS 72201



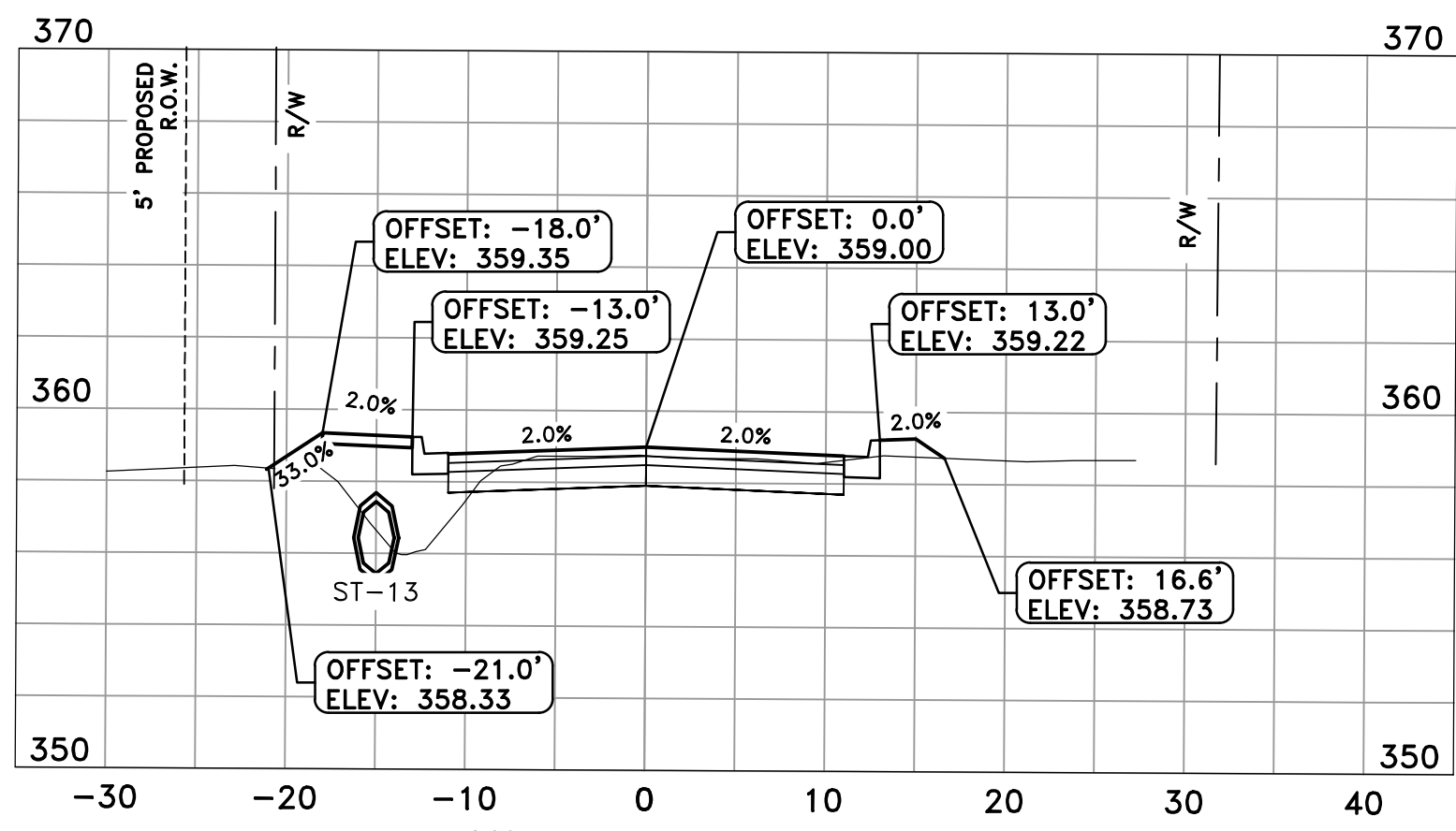
12-02-2019  
DRAWN BY  
ATV  
DESIGNED  
NHC & VJW  
CHECKED  
VJW  
DATE  
12-02-2019  
SCALE  
1"=10' HZ 1"=5' VT  
PROJECT NO.  
01-17-ST-57  
SHEET NO.  
C11



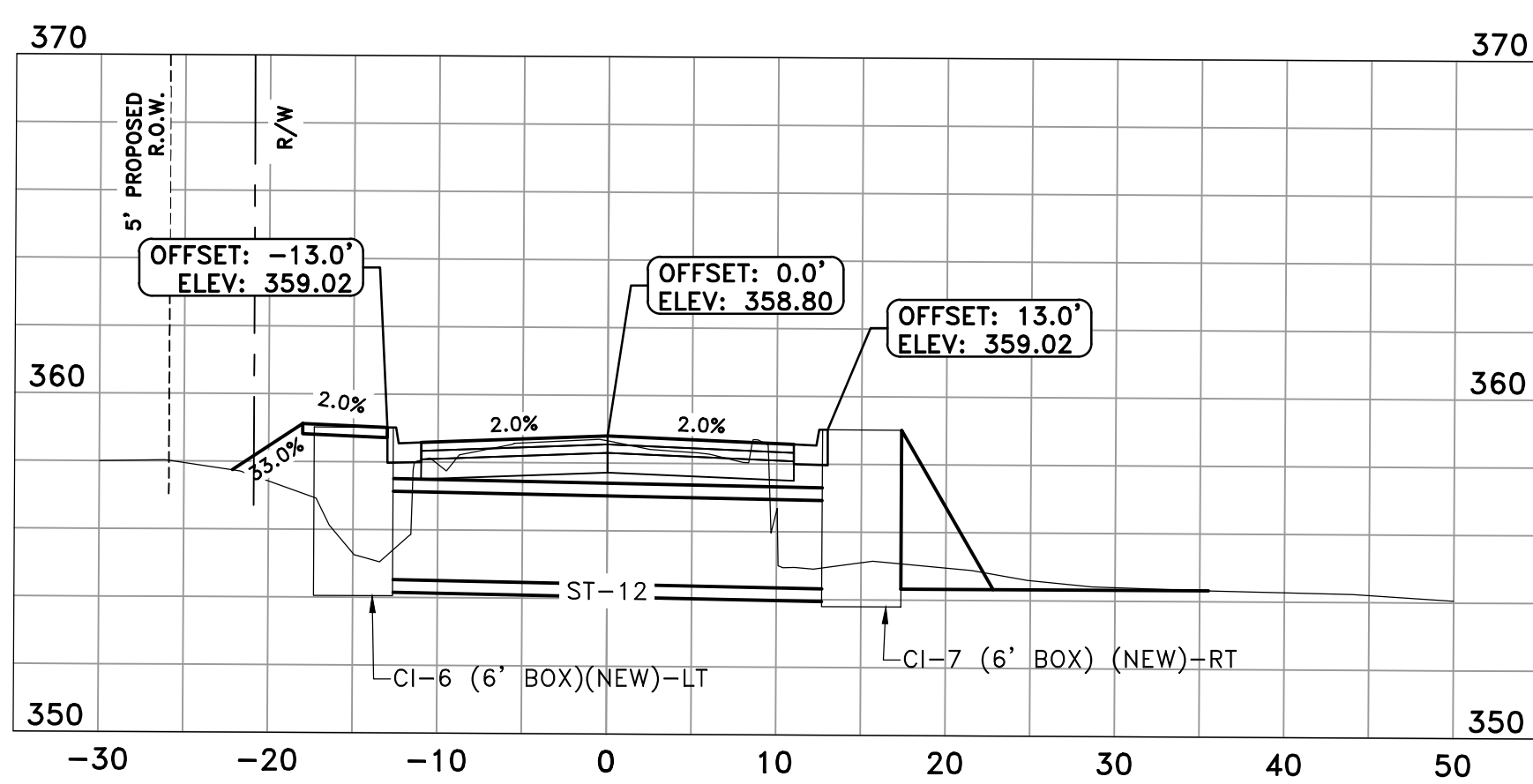
VALENTINE ROAD  
13+82



VALENTINE ROAD  
13+50



VALENTINE ROAD  
13+00



VALENTINE ROAD  
12+48

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
S VALENTINE STREET RECONSTRUCTION  
CROSS SECTIONS - IV

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



12-02-2019

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DESIGNED NHC & VJW
CHECKED VJW
DATE 12-02-2019
SCALE 1"=10' HZ 1"=5' VT
PROJECT NO. 01-17-ST-57
SHEET NO. C12

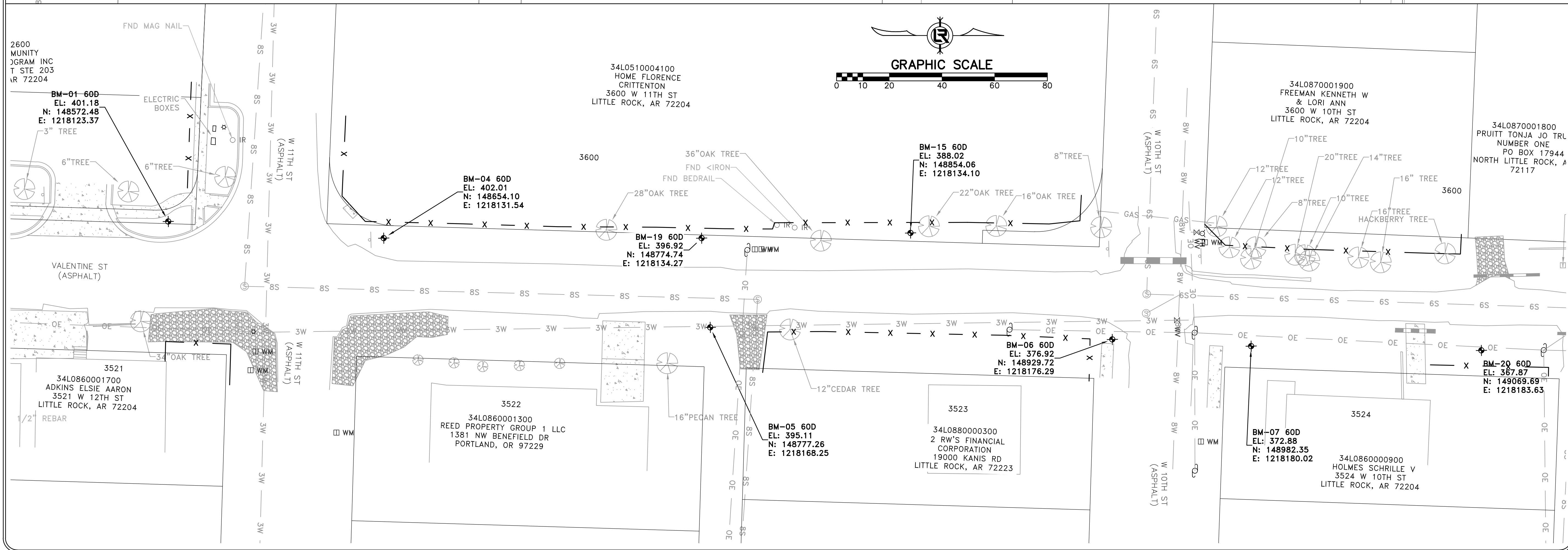
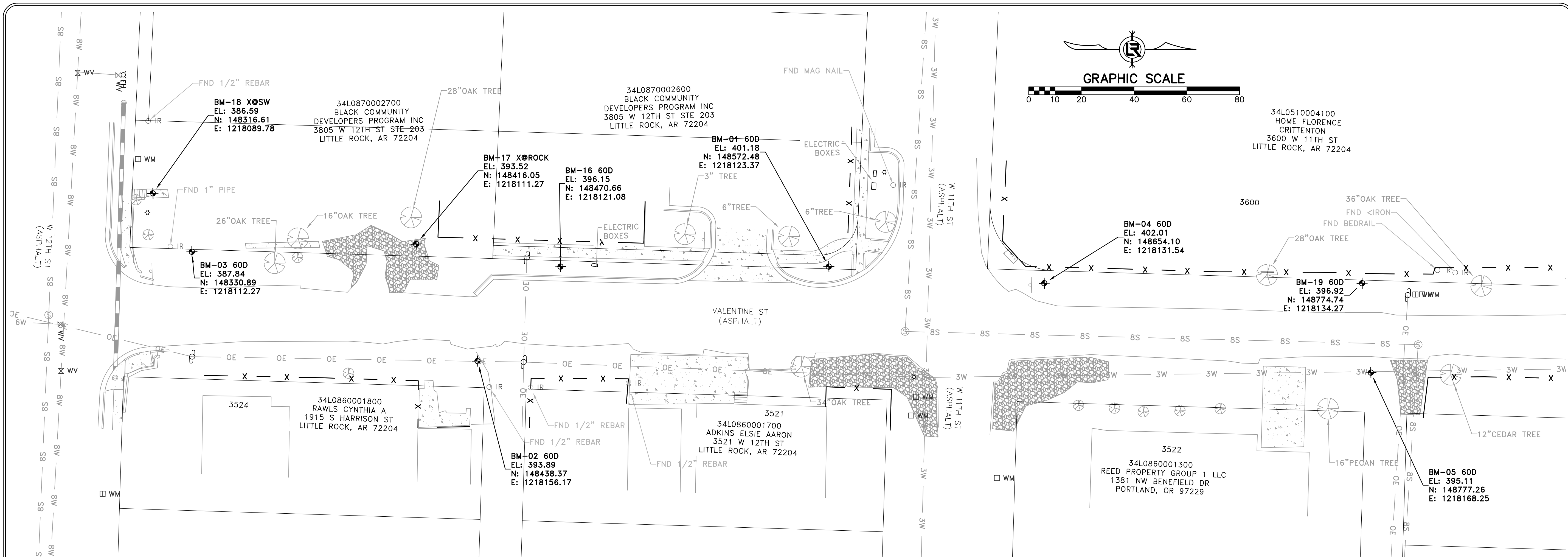
REVISIONS	DATE

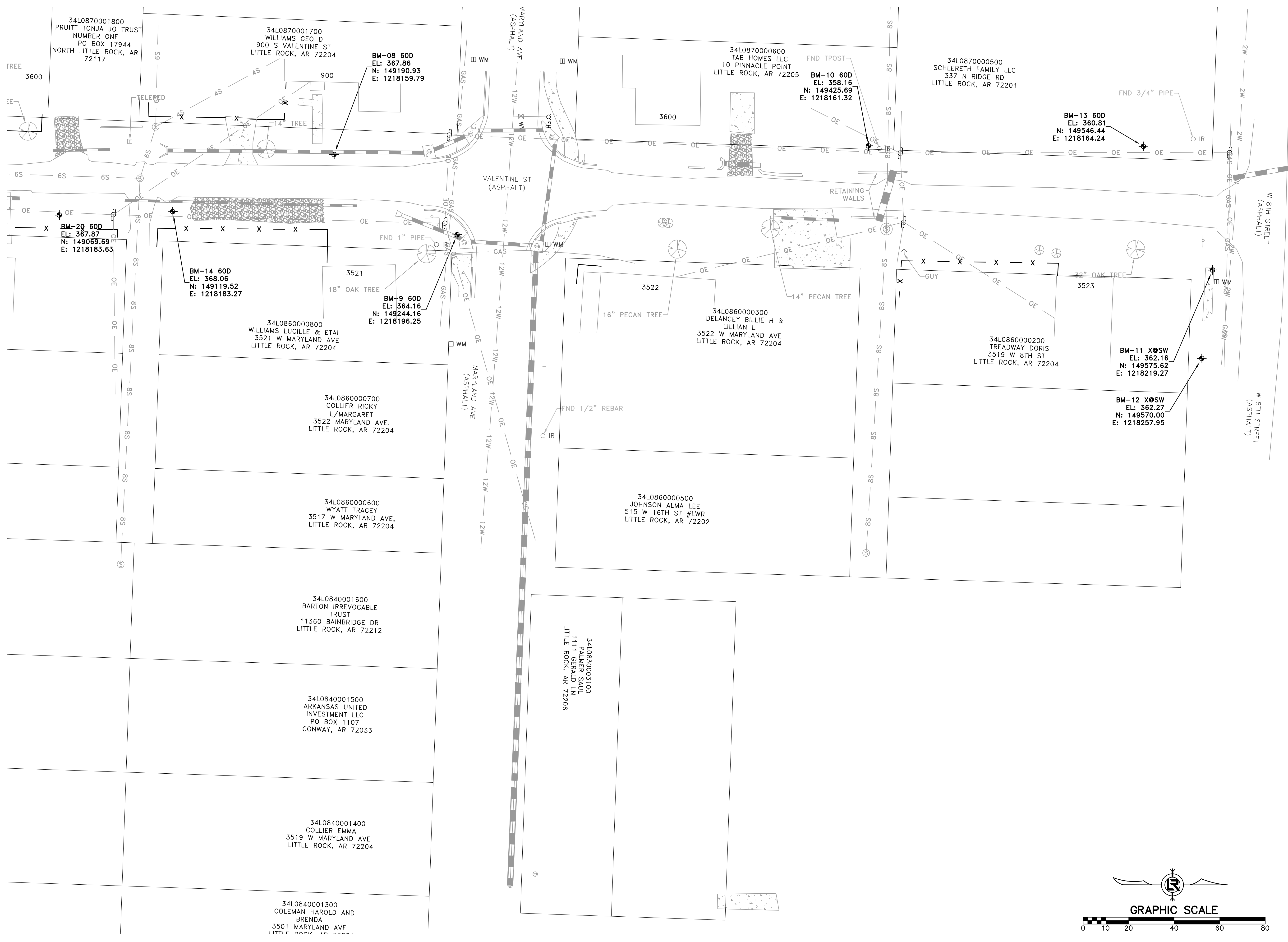
**CITY OF LITTLE ROCK, ARKANSAS**  
**VALENTINE STREET RECONSTRUCTION**  
**SURVEY CONTROL PLAN I**

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



**DRAWN BY**  
 GPW  
**DESIGNED**  
 NHC  
**CHECKED**  
 VJW  
**DATE**  
 12-02-2019  
**SCALE**  
 1"=20' (22X34)  
**PROJECT NO.**  
 01-17-ST-57  
**SHEET NO.**  
 C13





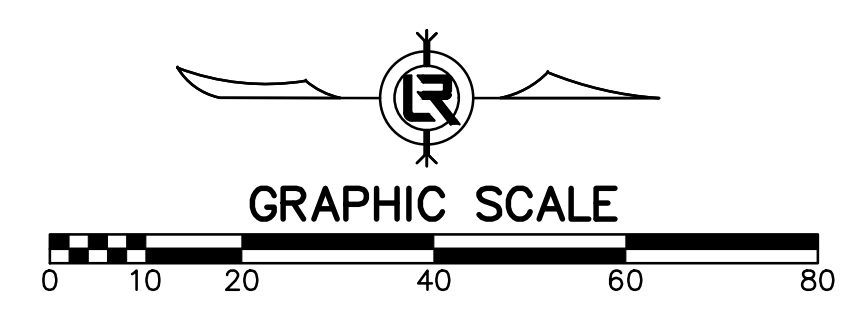
REVISIONS	DATE

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

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



**DRAWN BY**  
GPW  
**DESIGNED**  
NHC  
**CHECKED**  
VJW  
**DATE**  
12-02-2019  
**SCALE**  
1"=20' (22X34)  
**PROJECT NO.**  
01-17-ST-57  
**SHEET NO.**  
C14



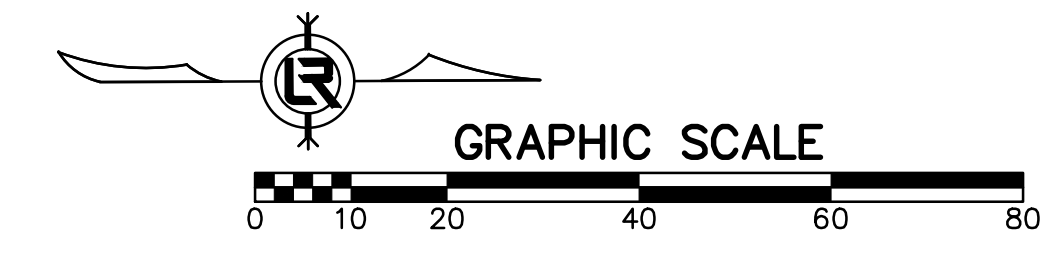
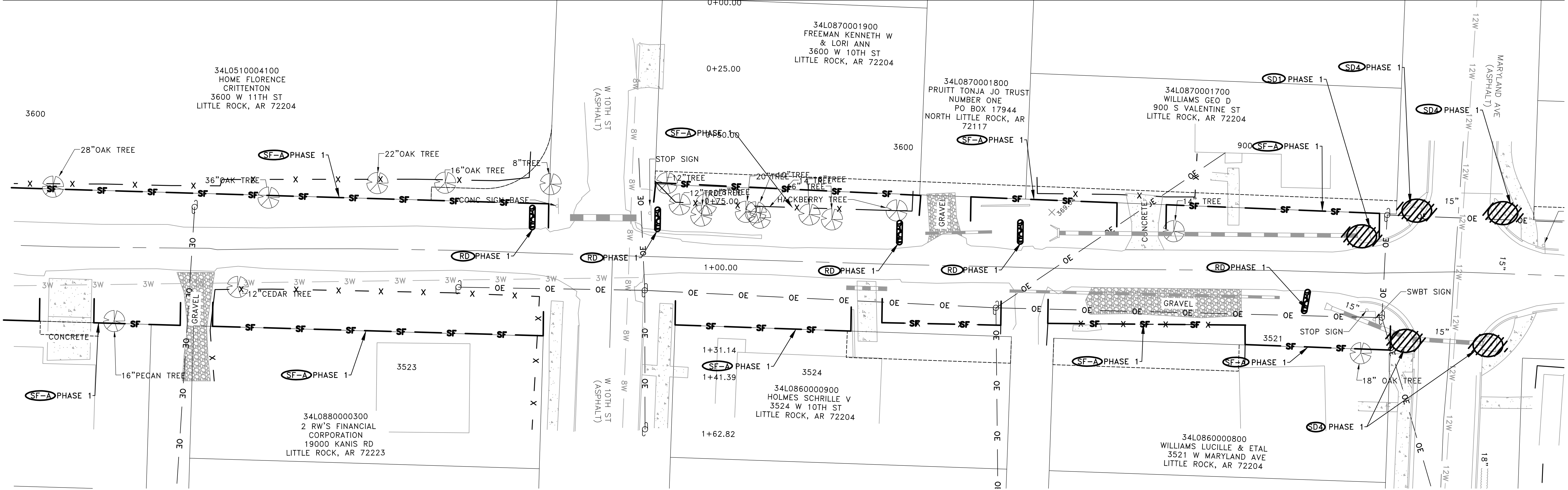
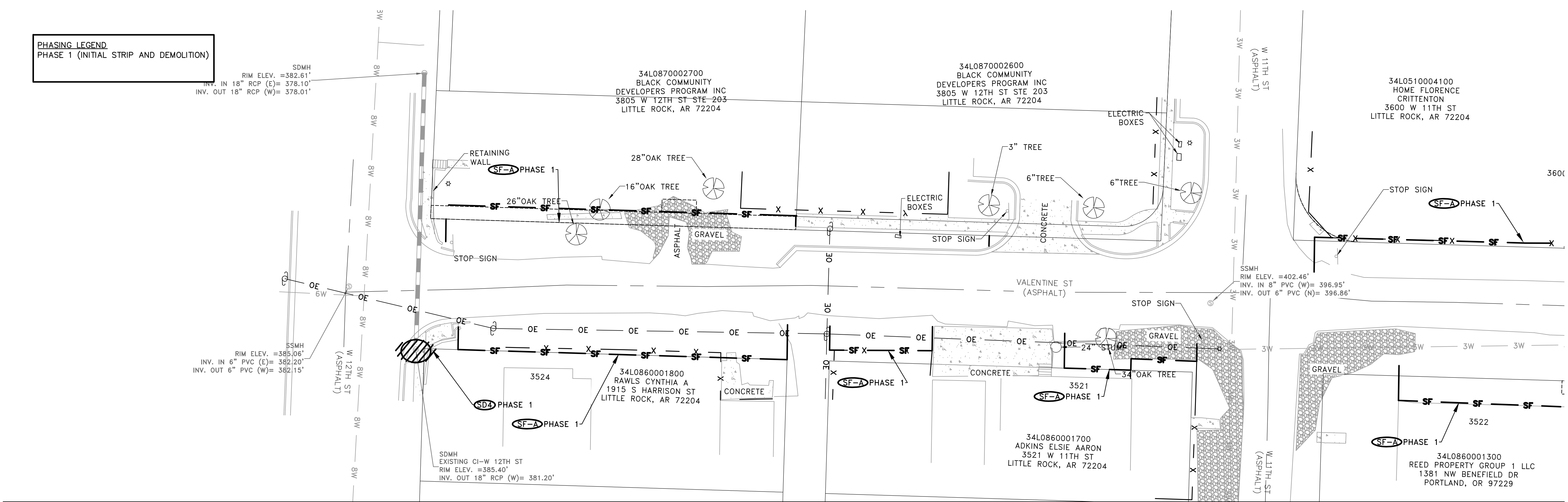
PHASING LEGEND  
 PHASE 1 (INITIAL STRIP AND DEMOLITION)

SDMH  
 RIM ELEV. = 382.61'  
 INV. IN 18" RCP (E) = 378.10'  
 INV. OUT 18" RCP (W) = 378.01'

SSMH  
 RIM ELEV. = 385.06'  
 INV. IN 6" PVC (E) = 382.20'  
 INV. OUT 6" PVC (W) = 382.15'

SDMH  
 EXISTING CI-W 12TH ST  
 RIM ELEV. = 385.40'  
 INV. OUT 18" RCP (W) = 381.20'

SSMH  
 RIM ELEV. = 402.46'  
 INV. IN 8" PVC (W) = 396.95'  
 INV. OUT 6" PVC (N) = 396.86'



REVISIONS	DATE

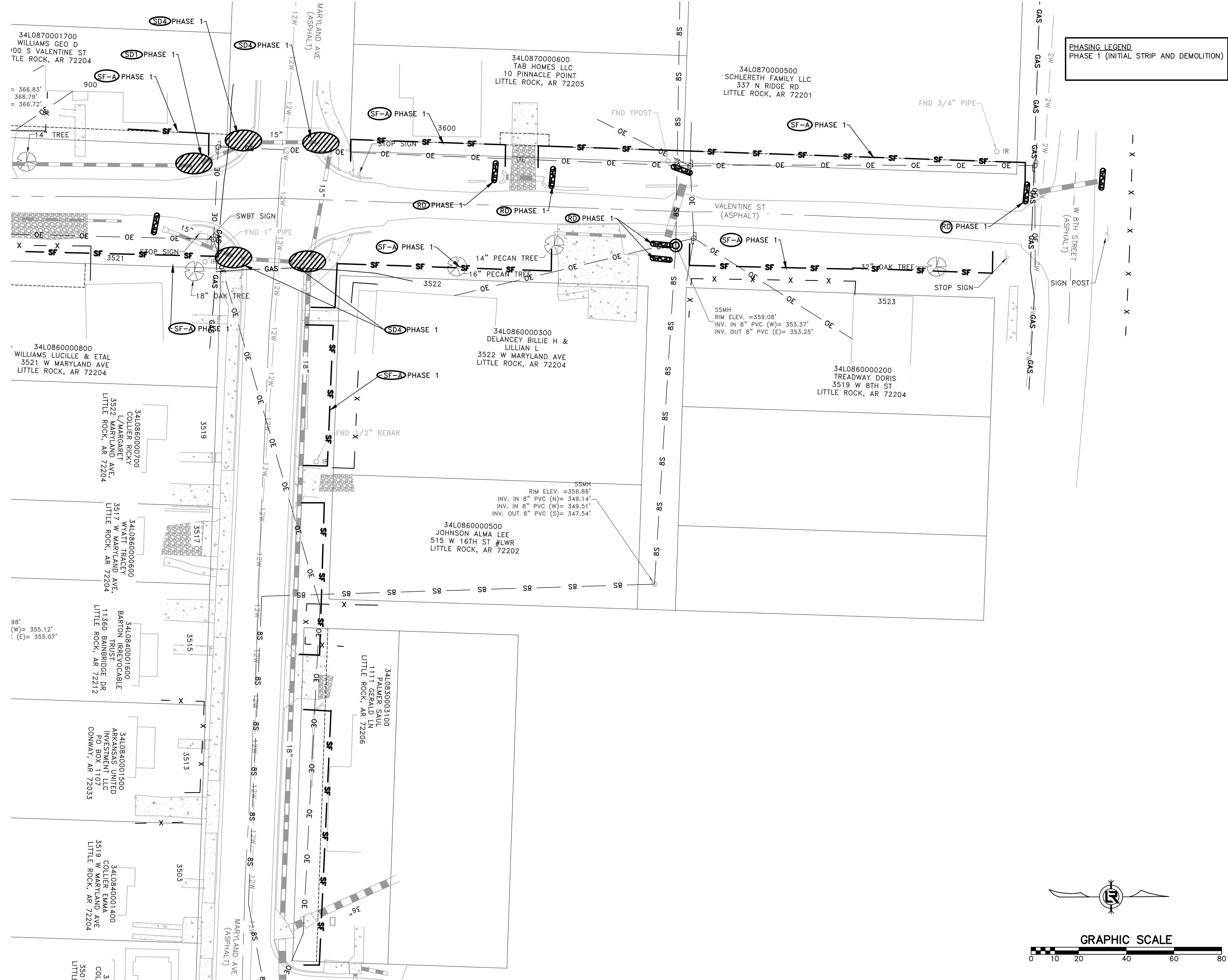
**CITY OF LITTLE ROCK, ARKANSAS**  
**S VALENTINE STREET RECONSTRUCTION**  
**PHASE 1 - EROSION CONTROL PLAN I**

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

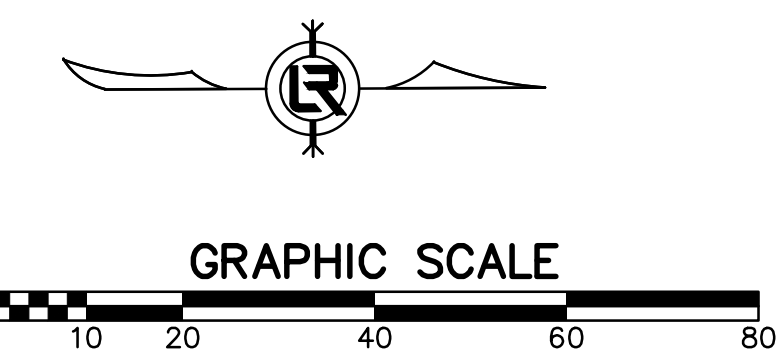


DRAWN BY  
 ATV  
 DESIGNED  
 NHC & VJW  
 CHECKED  
 VJW  
 DATE  
 12-02-2019  
 SCALE  
 1"=20' (22X34)  
 PROJECT NO.  
 01-17-ST-57  
 SHEET NO.  
**C15**





PHASING LEGEND  
 PHASE 1 (INITIAL STRIP AND DEMOLITION)



REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
 S VALENTINE STREET RECONSTRUCTION  
 PHASE 1 - EROSION CONTROL PLAN II

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



DRAWN BY  
 ATV  
 DESIGNED  
 NHC & VJW  
 CHECKED  
 VJW  
 DATE  
 12-02-19  
 SCALE  
 1"=20' (22X34)  
 PROJECT NO.  
 01-17-ST-57  
 SHEET NO.  
 C16

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

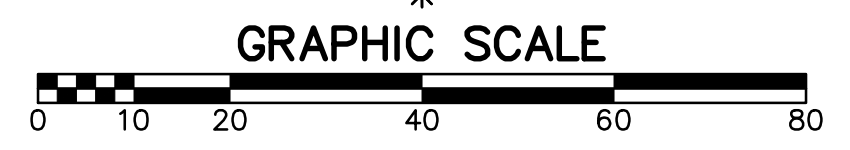
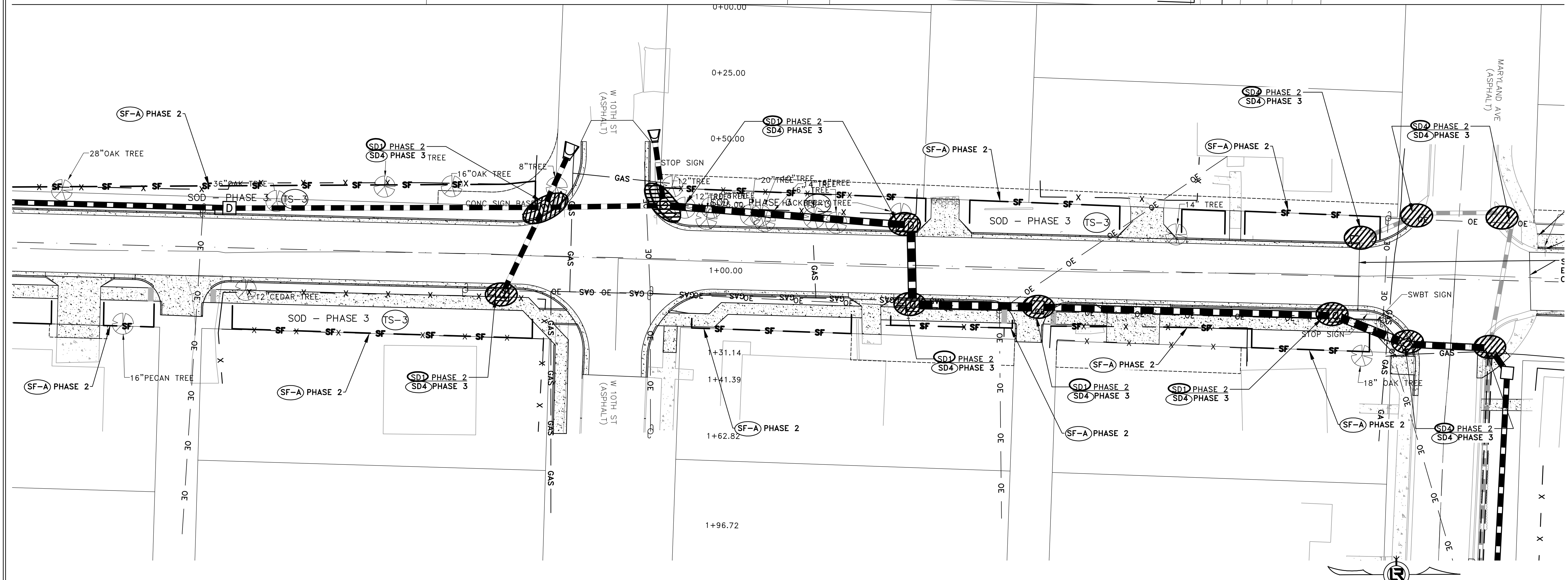
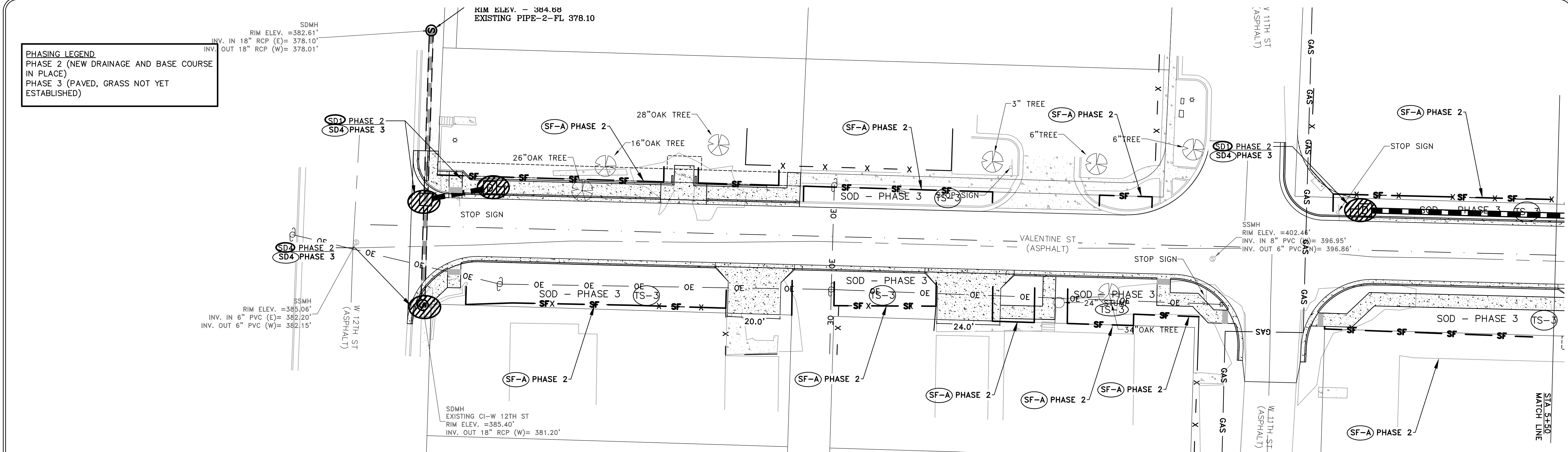
SDMH  
 RIM ELEV. = 382.61'  
 INV. IN 18" RCP (E) = 378.10'  
 INV. OUT 18" RCP (W) = 378.01'

RIM ELEV. = 384.68  
 EXISTING PIPE-2-FL 378.10

SSMH  
 RIM ELEV. = 385.06'  
 INV. IN 6" PVC (E) = 382.20'  
 INV. OUT 6" PVC (W) = 382.15'

SDMH  
 EXISTING CI-W 12TH ST  
 RIM ELEV. = 385.40'  
 INV. OUT 18" RCP (W) = 381.20'

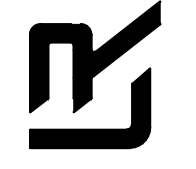
SSMH  
 RIM ELEV. = 402.46'  
 INV. IN 8" PVC (E) = 396.95'  
 INV. OUT 6" PVC (W) = 396.86'



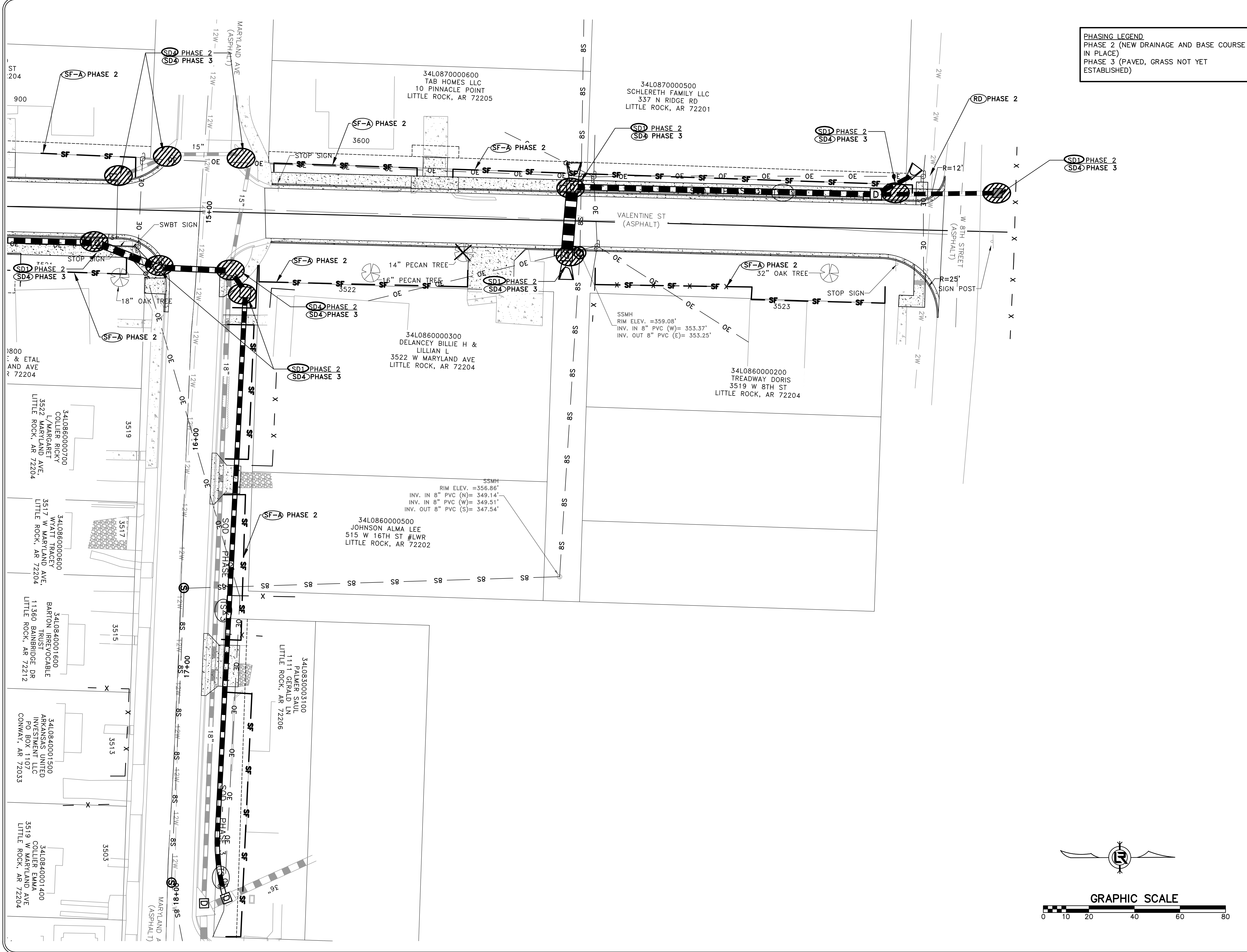
REVISIONS	DATE

**CITY OF LITTLE ROCK, ARKANSAS**  
**S VALENTINE STREET RECONSTRUCTION**  
 PHASE 2 & 3 - EROSION CONTROL PLAN I

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



**DRAWN BY**  
 ATV  
**DESIGNED**  
 NHC & VJW  
**CHECKED**  
 VJW  
**DATE**  
 12-02-2019  
**SCALE**  
 1"=20' (22X34)  
**PROJECT NO.**  
 01-17-ST-57  
**SHEET NO.**  
 C17



**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**  
**S VALENTINE STREET RECONSTRUCTION**  
 PHASE 2 & 3 - EROSION CONTROL PLAN II

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



12-02-2019

**DRAWN BY**  
ATV

**DESIGNED**  
NHC & VJW

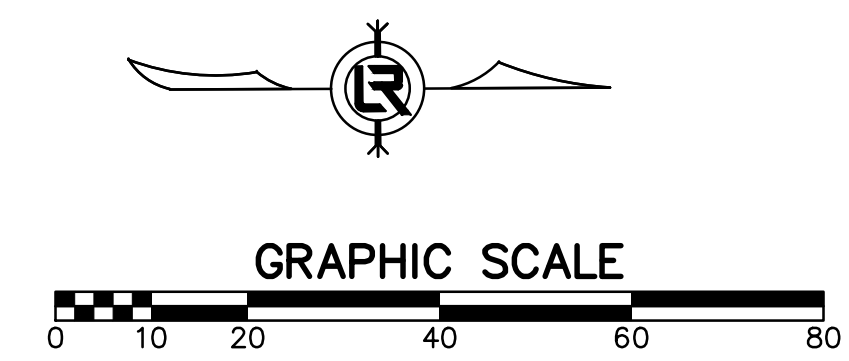
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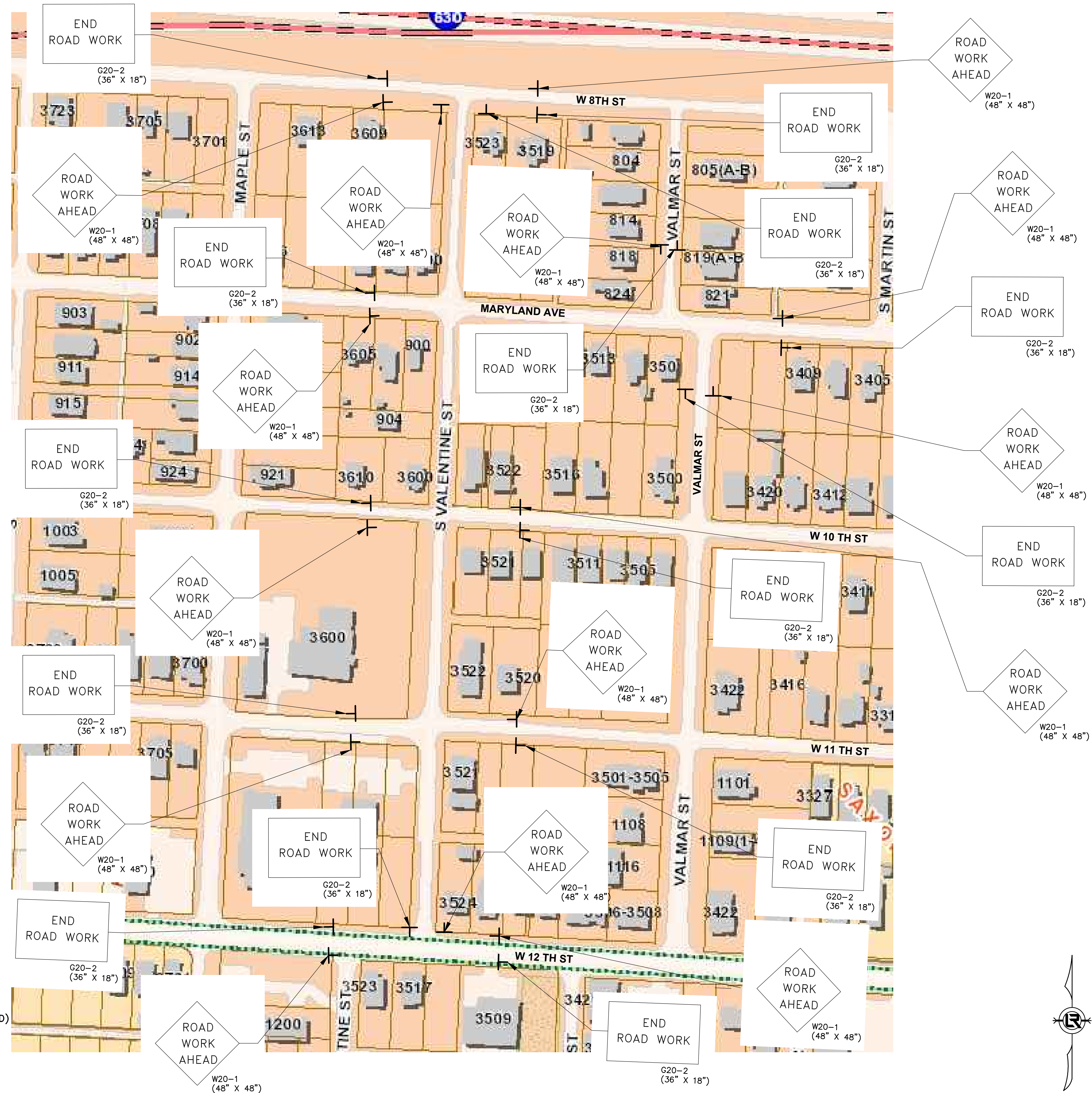
**DATE**  
12-02-2019

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

**PROJECT NO.**  
01-17-ST-57

**SHEET NO.**  
C18





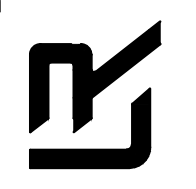
**MAINTENANCE OF TRAFFIC NOTES:**

1. WITHIN CONSTRUCTION LIMITS CONTRACTOR SHALL:
2. MAINTAIN CONTINUOUS VEHICULAR ACCESS TO ALL RESIDENCES.
3. 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

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



12-02-2019

**DRAWN BY**  
ATV  
**DESIGNED**  
NHC  
**CHECKED**  
VJW  
**DATE**  
11-11-2019  
**SCALE**  
N.T.S.  
**PROJECT NO.**  
02-17-ST-57  
**SHEET NO.**  
C19

