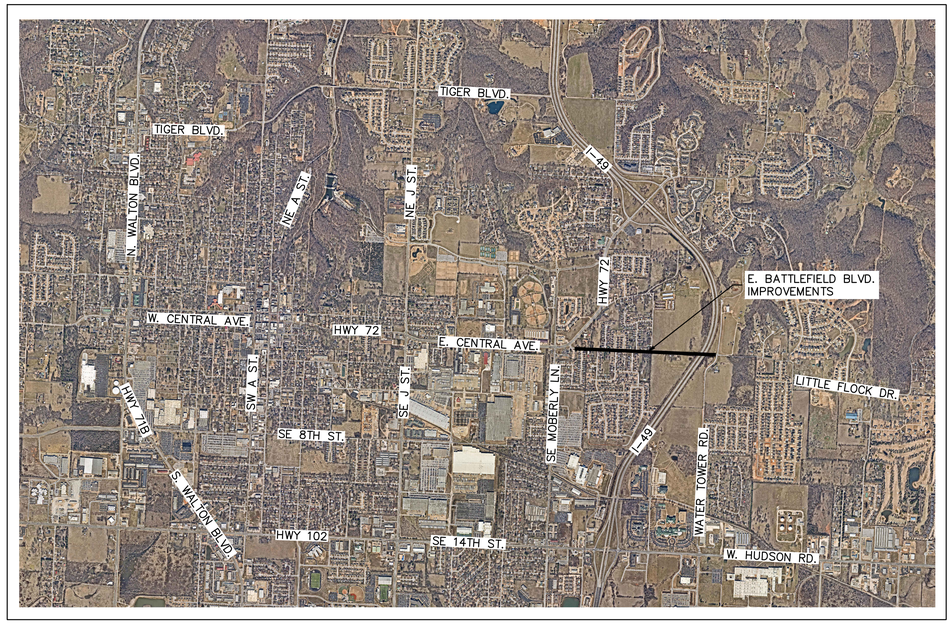
E. BATTLEFIELD BOULEVARD IMPROVEMENTS

CITY OF BENTONVILLE, BENTON COUNTY, ARKANSAS

MUNIS# 21ST0001



SECTION 28 & 33, T-20-N, R-30-W
BENTON COUNTY, ARKANSAS

VICINITY MAP

0' 1000' 2000' 4000'
SCALE IN FEET

INDEX OF SHEETS

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LEGEND

FOUND MONUMENT (AS NOTED)	GUY WIRE
SET 1/2" REBAR W/PLASTIC CAP, "LC 366"	IRRIGATION VALVE
SET 5/8" REBAR w/aluminum cap, "LC 366"	LIGHT POLE
AIR CONDITIONER	MAIL BOX
BENCHMARK	MEASURED
BOLLARD	MONITORING WELL
BREAKER Box	PLATTED
BUSH	POWER POLE
CABLE BOX	POWER POLE W/LIGHT
CABLE Vault	ROOF DRAIN
CAMERA	SANITARY CLEANOUT
COLUMN	SANITARY MANHOLE
CONIFEROUS Tree	STORM MANHOLE
DECIDUOUS TREE	SIGN
DEEDED	SCHEDULE B-II EXCEPTION
ELECTRIC BOX	SPRINKLER HEAD
ELECTRIC BOX	STEEL POST
ELECTRIC MANHOLE	TELEPHONE CABINET
ELECTRIC METER	TELEPHONE PEDESTAL
ELECTRICAL OUTLET	TELEPHONE RISER
ELECTRIC VAULT	TELEPHONE MANHOLE
FIRE DEPT. CONNECTION	TRAFFIC CONTROL BOX
FIRE HYDRANT	TRAFFIC SIGNAL BOX
FIBER OPTIC BOX	TRAFFIC SIGNAL POLE
FIBER OPTIC PEDESTAL	TRANSFORMER
FLARED END SECTION	VENT PIPE
GAS MARKER	WATER MANHOLE
GAS METER	WATER METER
GAS VALVE	WATER VALVE
GAS VAULT	WOOD POST
GRATE INLET	SPRINKLER CONTROL VALVE
GREASE TRAP	

- PROPOSED CENTER LINE
- EXISTING CENTER LINE
- PROPERTY LINE
- PROPOSED RIGHT-OF-WAY (ROW)
- EXISTING RIGHT-OF-WAY (ROW)
- PROPOSED TEMPORARY EASEMENT
- PROPOSED PERMANENT EASEMENT
- EXISTING EASEMENT
- EXISTING CONTOUR (1370)
- EXISTING CONTOUR (1371)
- EXISTING SANITARY LINE (SS)
- EXISTING STORM LINE (SD)
- EXISTING GAS LINE (G)
- EXISTING WATER LINE (W)
- EXISTING UNDERGROUND POWER (P-UG)
- EXISTING UNDERGROUND TELEPHONE (TEL)
- EXISTING UNDERGROUND CABLE/TV (CATV)
- EXISTING UNDERGROUND FIBER OPTIC (FO)
- EXISTING UNDERGROUND TRAFFIC (T)
- EXISTING OVERHEAD ELECTRIC (P-OH)
- EXISTING OVERHEAD TELEPHONE (TEL-OH)
- EXISTING OVERHEAD CABLE/TV (CATV-OH)
- EXISTING WOVEN WIRE FENCE (X)
- EXISTING CHAIN LINK FENCE
- EXISTING WOOD FENCE
- EXISTING TREE LINE

ABBREVIATIONS

M.G.	MATCH GRADE
PVMT.	PAVEMENT
TC	TOP OF CURB
EP	EDGE OF PAVEMENT
G	GUTTER
EL.	ELEVATION
R/W	RIGHT-OF-WAY
ROW	RIGHT-OF-WAY
TCE	TEMPORARY CONSTRUCTION EASEMENT
ESMT.	EASEMENT
PROP.	PROPOSED
EXIST.	EXISTING
TYP.	TYPICAL
(R)	REMOVAL
CONST.	CONSTRUCT
TBM	TEMPORARY BENCHMARK
C.P.	CONTROL POINT
D.N.D.	DO NOT DISTURB
U.I.P.	USE IN PLACE
CONC.	CONCRETE
AGG.	AGGREGATE
N.T.S.	NOT TO SCALE
B-B	BACK OF CURB TO BACK OF CURB

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

THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE BASED ON THE BEST INFORMATION AVAILABLE AND MAY NOT REFLECT ALL EXISTING UTILITIES IN THE PROJECT AREA. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE UTILITY COMPANIES FOR LOCATING EXISTING UTILITIES PRIOR TO CONSTRUCTION AND FOR PROTECTION OF SERVICES DURING CONSTRUCTION.

DESIGN DESIGNATION

BENTONVILLE BOULEVARD: ROAD CLASS = COLLECTOR; DESIGN SPEED = 35 MPH

UTILITY CONTACTS

NATURAL GAS
Black Hills Energy
1301 Federal Way
P.O. Box 2129
Lowell, AR 72745
Contact: Josh Knight
Phone: (479)721-4543
Email: joshua.knight@blackhillscorp.com

CABLE TELEVISION
COX Communications
Contact: Michael Moore
Phone: (479)871-3473
Email: michael.moore3@cox.com

WATER & SEWER
City of Bentonville
3200 S.W. Municipal Drive
Bentonville, AR 72712
Contact: Beau Thompson
(Manager Technical Services)
Phone: (479)271-3140
Email: bthompson@bentonvillear.com

ELECTRIC
City of Bentonville
3200 S.W. Municipal Drive
Bentonville, AR 72712
Contact: Charlie Barnes
Phone: (479)271-3159
Email: cbarnes@bentonvillear.com

TELEPHONE
AT&T
627 White Road
Springdale, AR 72766
Contact: Brent Baldwin
Phone: (479)200-9022
Email: bb6585@att.com

WASTEWATER
City of Bentonville
1901 NE A Street
Bentonville, AR
Contact: Nancy Busen
Phone: (479)271-3160
Email: nbusen@bentonvillear.com

FIRE DEPARTMENT
City of Bentonville
800 SW A Street
Bentonville, AR 72712
Contact: Brent Boydston
(Fire Chief)
Phone: (479)271-5927
Email: bboydston@bentonvillear.com

DEPARTMENT OF HEALTH
Arkansas Department Of Health
Division of Engineer, Slot 37
4815 W. Markham
Little Rock, AR 72205
Contact: Adam Parker (District 1)
Phone: (501)661-2623
Email: adam.parker@arkansas.gov

BENTONVILLE ENGINEERING

60% REVIEW

PREPARED & SUBMITTED BY

CERTIFICATE OF AUTHORIZATION — Olsson Inc. No.1010 — ARKANSAS ENGINEER

olsson
302 East Millsap Road
Fayetteville, AR 72703
TEL 479.443.3404
www.olsson.com

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REVISIONS

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TITLE SHEET AND INDEX OF SHEETS
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BENTONVILLE, AR
2022

drawn by: JS
checked by: CBB
approved by: CBB
QA/QC by:
project no.: I21-04210
drawing no.: T_TTL_I2104210
date: 4/25/2022

SHEET 1 of 40

USER: nscoggs
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DATE: Apr 25, 2022 11:03am
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GENERAL NOTES

1. ALL CONSTRUCTION SHALL CONFORM TO THE CITY OF BENTONVILLE MINIMUM STANDARD SPECIFICATIONS FOR STREETS IN EFFECT ON THE CITY'S APPROVAL DATE SHOWN ON THESE PLANS.
2. ALL WORKMANSHIP AND MATERIALS SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY CITY PERSONNEL OR THE OWNER'S REPRESENTATIVE.
3. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL PROPERTY CORNERS, PERMANENT BENCHMARKS, AND SECTION CORNERS. ANY PROPERTY CORNER, PERMANENT BENCHMARK, OR SECTION CORNER DISTURBED OR DAMAGED BY CONSTRUCTION ACTIVITIES SHALL BE RESET BY A REGISTERED LAND SURVEYOR LICENSED IN THE STATE OF ARKANSAS, AT THE CONTRACTOR'S EXPENSE, UNLESS OTHERWISE NOTED.
4. THE CONTRACTOR SHALL PRESERVE ALL SURVEY CONTROL.
5. THE CONTRACTOR SHALL NOT CHANGE OR DEVIATE FROM THESE PLANS WITHOUT FIRST OBTAINING WRITTEN APPROVAL FROM THE OWNER AND THE ENGINEER.
6. PRIOR TO MOVING OFF THE JOB THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND REQUEST A FINAL WALK–THROUGH OF THE CONSTRUCTION SITE.
7. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS. ANY DISCREPANCY BETWEEN THE DIMENSIONS AND ELEVATIONS SHOWN ON THE PLANS AND THOSE FOUND BY THE CONTRACTOR SHALL BE SUPPLIED TO THE ENGINEER FOR APPROVAL PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
8. THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE UTILITY COMPANIES TO COORDINATE CONNECTIONS.
9. ALL UTILITY EXTENSIONS AND CONSTRUCTION SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF THE APPLICABLE UTILITY COMPANIES.
10. THE EXISTING UTILITY LOCATIONS SHOWN ON THESE PLANS ARE APPROXIMATE AND MAY NOT INCLUDE ALL LINES PRESENT. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ANY EXISTING UTILITIES OR STRUCTURES LOCATED ON OR ADJACENT TO THE WORK SITE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT UNDERGROUND SERVICE ALERT @ 811 IN ADVANCE OF ANY EXCAVATION FOR THE MARK–OUT OF THE LOCATION OF UTILITIES AND THE NOTIFICATION OF COMMENCEMENT OF WORK.
11. PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITY, THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF UNDERGROUND UTILITIES. THE CONTRACTOR SHALL MAKE EXPLORATION EXCAVATIONS AND LOCATE EXISTING UNDERGROUND UTILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO ALLOW PLAN REVISIONS TO BE MADE. THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE ENGINEER FOR INSTRUCTIONS IF ANY CONFLICTS ARE DISCOVERED.
12. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT ALL UTILITY LINES SHOWN AND ANY OTHER EXISTING LINES NOT OF RECORD INCLUDING THOSE NOT SHOWN ON THESE PLANS. EXISTING UTILITY LINES, EITHER OVERHEAD OR UNDERGROUND, AND PERMANENT STRUCTURES WITHIN THE PROPERTY LINES SHALL BE KEPT FREE OF DAMAGE BY CONTRACTOR'S OPERATIONS. IF A UTILITY LINE OR STRUCTURE IS DAMAGED, IT SHALL BE RESTORED AT THE CONTRACTOR'S EXPENSE.
13. A PORTABLE RESTROOM FACILITY WILL BE REQUIRED ON–SITE DURING CONSTRUCTION ACTIVITIES.
14. ALL ON–SITE FUELING WILL COMPLY WITH LOCAL, STATE AND FEDERAL REQUIREMENTS.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND PAYING ALL FEES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITY.
16. FOLLOW WRITTEN DIMENSIONS ALWAYS. DO NOT SCALE. DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
17. THE CONTOUR LINES, SPOT ELEVATIONS, AND BUILDING FLOOR ELEVATIONS SHOWN ARE TO FINISH GRADE. REFER TO CROSS SECTIONS, PROFILES, AND TYPICAL SECTIONS FOR GRADING DETAILS. REFER TO TYPICAL SECTIONS FOR PAVING, SLAB, AND AGGREGATE BASE THICKNESS TO DETERMINE GRADING LINE ELEVATIONS.
18. THE SEQUENCE AS SHOWN ON THE MAINTENANCE OF TRAFFIC PLANS IS A GENERAL OUTLINE FOR THE CONSTRUCTION OF THIS PROJECT AND IN NO WAY IS IT INTENDED TO COVER EVERY ITEM IN THE PROJECT. ITEMS NOT CRITICAL TO THE CONSTRUCTION SEQUENCE MAY BE CONSTRUCTED IN ANY STAGE AS APPROVED BY THE OWNER OR ENGINEER.
19. THE TRAFFIC CONTROL REQUIREMENTS SHOWN ON THESE PLANS ARE MINIMUM REQUIREMENTS ONLY AND DO NOT ATTEMPT TO ADDRESS IN DEPTH THE VARIETY OF SITUATIONS THAT MAY OCCUR ONCE CONSTRUCTION HAS STARTED. IN NO WAY DO THE REQUIREMENTS SHOWN ON THESE PLANS RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY FOR SELECTING THE PROPER TRAFFIC CONTROL DEVICES AND IMPLEMENTATION PROCEDURES THAT WILL ENSURE THE SAFETY OF MOTORISTS, PEDESTRIANS, AND WORKERS AT ALL TIMES. ALL PERMANENT AND TEMPORARY TRAFFIC CONTROL SHALL BE IN CONFORMANCE WITH THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
20. THE CONTRACTOR IS RESPONSIBLE FOR THE PLACEMENT AND MAINTENANCE OF ALL TRAFFIC CONTROL & SAFETY MEASURES. THIS WORK IS SUBSIDIARY TO OTHER BID ITEMS.
21. THE CONTRACTOR SHALL PROVIDE TEMPORARY WALKS, FENCING, BARRICADES, AND OTHER PROTECTIVE MEASURES AS NECESSARY TO ENSURE THE SAFETY OF THE PUBLIC TRAVERSING THE CONSTRUCTION SITE. THIS WORK IS SUBSIDIARY TO OTHER BID ITEMS.
22. EQUIPMENT STORAGE AREAS AND MATERIAL STOCKPILES SHALL BE LOCATED ON SITES PROVIDED BY THE CONTRACTOR WITH DUE REGARD TO LOCATION, APPEARANCE, AND HAZARD POTENTIAL TO THE TRAVELING PUBLIC.
23. ALL ADA ACCESSIBLE ROUTES SHALL BE IN COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT (FEDERAL REGISTER/ VOL. 58 NO. 144/ RULES AND REGULATIONS) AND THE PROPOSED ACCESSIBILITY GUIDELINES FOR PEDESTRIAN FACILITIES IN THE PUBLIC RIGHT–OF–WAY (PROWAG).
24. THE CONTRACTOR SHALL BE RESPONSIBLE FOR EROSION, SEDIMENT, AND DUST CONTROL. ANY DAMAGE FROM BLOWING DUST OR EROSION AND RUNOFF FROM THE SITE SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
25. ALL TREES TO BE GRUBBED ARE MARKED THUS "X" ON THE DEMOLITION SHEETS. SPARE ALL TREES THAT ARE MARKED DND (DO NOT DISTURB) OR ANY TREES NOT MARKED AT ALL. EXCEPTIONALLY GOOD TREES SHALL BE SPARED BY ADJUSTING BACKSLOPE LINES DURING CONSTRUCTION, AS DIRECTED BY THE ENGINEER. ALL TREES WITHIN THE CONSTRUCTION LIMITS TO REMAIN SHALL HAVE THEIR TRUNKS AND ROOT ZONE PHYSICALLY PROTECTED PRIOR TO CONSTRUCTION ACTIVITIES BY METHODS APPROVED BY THE ENGINEER.
26. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE SITE THROUGHOUT CONSTRUCTION INCLUDING MOWING AS DIRECTED. THE CONTRACTOR IS REQUIRED TO MOW THE SITE A MINIMUM OF TWO TIMES PRIOR TO TURNING OVER TO THE CITY. THIS WORK IS SUBSIDIARY TO OTHER BID ITEMS.
27. THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACTIVITIES TO MINIMIZE INTERRUPTIONS IN ACCESS TO ADJOINING PROPERTIES.
28. THE CONTRACTOR SHALL NOTIFY ALL PROPERTY OWNERS A MINIMUM 48 HOURS IN ADVANCE OF ALL WORK PERTAINING TO THEIR ENTRANCES.
29. IF THE CONTRACTORS OPERATIONS REQUIRE WORK ON OR ACCESS ACROSS PRIVATE PROPERTY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN WRITTEN PERMISSION FROM THE PROPERTY OWNER TO ENTER THE PROPERTY AND TO REPAIR ANY DAMAGE TO PRIVATE PROPERTY CAUSED BY HIS OPERATIONS. A COPY OF THE WRITTEN AGREEMENT SHALL BE SENT TO THE CITY.
30. THE CONTRACTOR SHALL MAINTAIN MAILBOXES FOR UNINTERRUPTED MAIL SERVICE.
31. SAWCUTS SHALL BE FULL DEPTH.
32. DRIVEWAYS AND SIDEWALKS SHALL BE REMOVED AND REPLACED TO EXISTING JOINTS, UNLESS OTHERWISE NOTED.
33. EXISTING TOPSOIL SHALL BE STRIPPED TO A POINT WHERE ALL VEGETATION IS REMOVED. THIS WORK IS SUBSIDIARY TO OTHER BID ITEMS.
34. ALL WASTE MATERIAL RESULTING FROM THE PROJECT SHALL BE DISPOSED OF OFF–SITE BY THE CONTRACTOR. THIS WORK IS SUBSIDIARY TO OTHER BID ITEMS.
35. THE CITY OF BENTONVILLE SHALL HAVE THE FIRST RIGHT OF REFUSAL ON DEMOLITION AND REMOVAL ITEMS.
36. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL BY THE DESIGN PROFESSIONAL. THE DESIGN PROFESSIONAL SHALL REVIEW THE SHOP DRAWINGS OR SAMPLES FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPTS ON THE PROJECT AND FOR COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. THIS REVIEW SHALL NOT EXTEND TO MEANS OR METHODS OF CONSTRUCTION. THE DESIGN PROFESSIONAL'S REVIEW SHALL NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR ANY VARIATION FROM THE REQUIREMENTS OF THE CONTRACT DOCUMENTS UNLESS THE CONTRACTOR HAS, IN WRITING, CALLED THE DESIGN PROFESSIONAL'S ATTENTION TO EACH SUCH VARIATION AT THE TIME OF SUBMISSION AND THE DESIGN PROFESSIONAL HAS GIVEN WRITTEN APPROVAL OF EACH SUCH VARIATION BY SPECIFIC WRITTEN NOTATION THEREOF INCORPORATED INTO OR ACCOMPANYING THE SHOP DRAWING OR SAMPLE. APPROVAL BY THE DESIGN PROFESSIONAL SHALL NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR ERRORS OR OMISSIONS IN SHOP DRAWINGS WITH CONFORMANCE TO CONTRACT DOCUMENTS.

    BEFORE SUBMITTING EACH SHOP DRAWING OR SAMPLE, THE CONTRACTOR SHALL HAVE DETERMINED AND VERIFIED:

    a. ALL FIELD MEASUREMENTS, QUANTITIES, DIMENSIONS, SPECIFIED PERFORMANCE CRITERIA, INSTALLATION REQUIREMENTS, MATERIALS, CATALOG NUMBERS, AND SIMILAR INFORMATION WITH RESPECT THERETO.

    b. ALL MATERIALS WITH RESPECT TO INTENDED USE, FABRICATION, SHIPPING, HANDLING, STORAGE, ASSEMBLY, AND INSTALLATION PERTAINING TO THE PERFORMANCE OF THE WORK.

    c. ALL INFORMATION RELATIVE TO MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES OF CONSTRUCTION, AND SAFETY PRECAUTIONS AND PROGRAMS INCIDENT THERETO.

    d. THE CONTRACTOR SHALL HAVE REVIEWED AND COORDINATED EACH SHOP DRAWING OR SAMPLE WITH OTHER SHOP DRAWINGS AND SAMPLES, AND WITH THE REQUIREMENTS OF THE WORK AND THE CONTRACT DOCUMENTS.

    THESE ITEMS ARE SUBSIDIARY TO OTHER BID ITEMS.

    ALL SUBMITTED SHOP DRAWINGS SHALL BEAR A STAMP OR SPECIFIC WRITTEN INDICATION AND SIGNATURE THAT THE CONTRACTOR HAS FULLY REVIEWED THE SUBMISSION AND CHECKED ALL DATA AND DETAILS. BY THE CONTRACTOR'S SIGNATURE, THE CONTRACTOR CERTIFIES SHOP DRAWING CONFORMANCE AND ACCURACY TO THE CONTRACT DOCUMENTS.
37. IF PRECAST CONCRETE STORM SEWER STRUCTURES ARE TO BE USED ON THIS PROJECT, THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND HAVE THEM APPROVED BY THE ENGINEER PRIOR TO FABRICATION OF THE STRUCTURES. FAILURE TO DO SO SHALL BE CAUSE FOR REJECTION. THIS ITEM IS SUBSIDIARY TO OTHER BID ITEMS.
38. ANY CONTRACTOR BIDDING ANY PORTION OF THIS WORK SHALL HAVE IN HIS OR HER POSSESSION A COMPLETE SET OF CONSTRUCTION DOCUMENTS AND BE FAMILIAR WITH ALL SCOPES OF WORK AND TRADES TO UNDERSTAND THEIR INTERACTIONS.

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TEL 479.443.3404
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REV. NO.	DATE	REVISIONS DESCRIPTION	BY

REVISIONS

GENERAL NOTES

E. BATTLEFIELD BOULEVARD IMPROVEMENTS

BENTONVILLE, AR

2022

drawn by: NS
checked by: AR
approved by: AR
QA/QC by: AR
project no.: I21-04210
drawing no.: T_GEN_J2104210
date: 4/25/2022

SHEET
2 of 40

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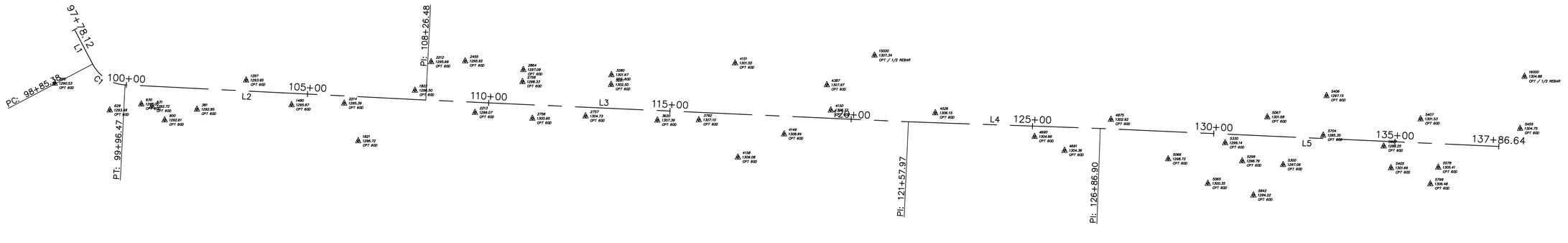

NOT TO SCALE

BATTLEFIELD								
ID #	STATION RANGE	START COORD.	END COORD.	PI STATION	PI COORD.	LINE/CHORD LENGTH (FT)	LINE/CHORD BEARING	RADIUS (FT)
L1	97+78.12 98+85.38	N: 748942.38 E: 669951.67	N: 748847.36 E: 670001.42			107.26	S27°37'51"E	
C1	PC 98+85.38 PT 99+96.47	PC N: 748847.36 E: 670001.42	PT N: 748790.12 E: 670090.83	99+46.52	N: 748793.19 E: 670029.77	106.17	S57°22'26"E	107.00
L2	99+96.47 108+26.48	N: 748790.12 E: 670090.83	N: 748748.37 E: 670919.79			830.01	S87°07'01"E	
L3	108+26.48 121+57.97	N: 748748.37 E: 670919.79	N: 748688.52 E: 672249.94			1331.49	S87°25'26"E	
L4	121+57.97 126+86.90	N: 748688.52 E: 672249.94	N: 748670.12 E: 672778.55			528.93	S88°00'23"E	
L5	126+86.90 137+86.64	N: 748670.12 E: 672778.55	N: 748620.66 E: 673877.18			1099.74	S87°25'19"E	

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SHEET
3 of 40

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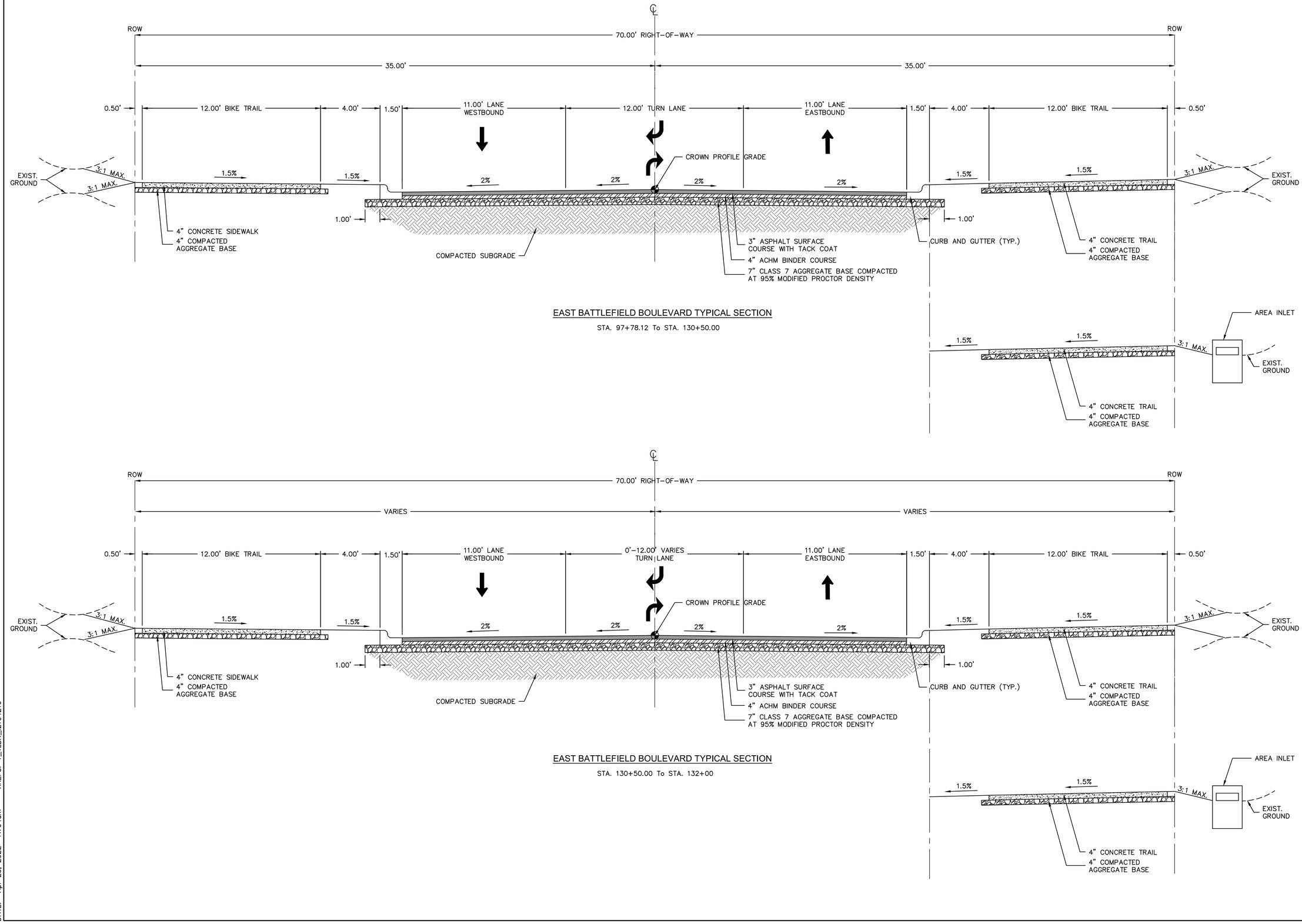

EAST BATTLEFIELD BOULEVARD TYPICAL SECTION

STA. 97+78.12 To STA. 130+50.00

EAST BATTLEFIELD BOULEVARD TYPICAL SECTION

STA. 130+50.00 To STA. 132+00

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SHEET 4 of 40

DWG: F:\2021\04001-04500\021-04210-I\40-Design\AutoCAD\Final Plans\Sheets\TYPICAL SECTIONS\T_TYP_I2104210.dwg USER: nscoggs
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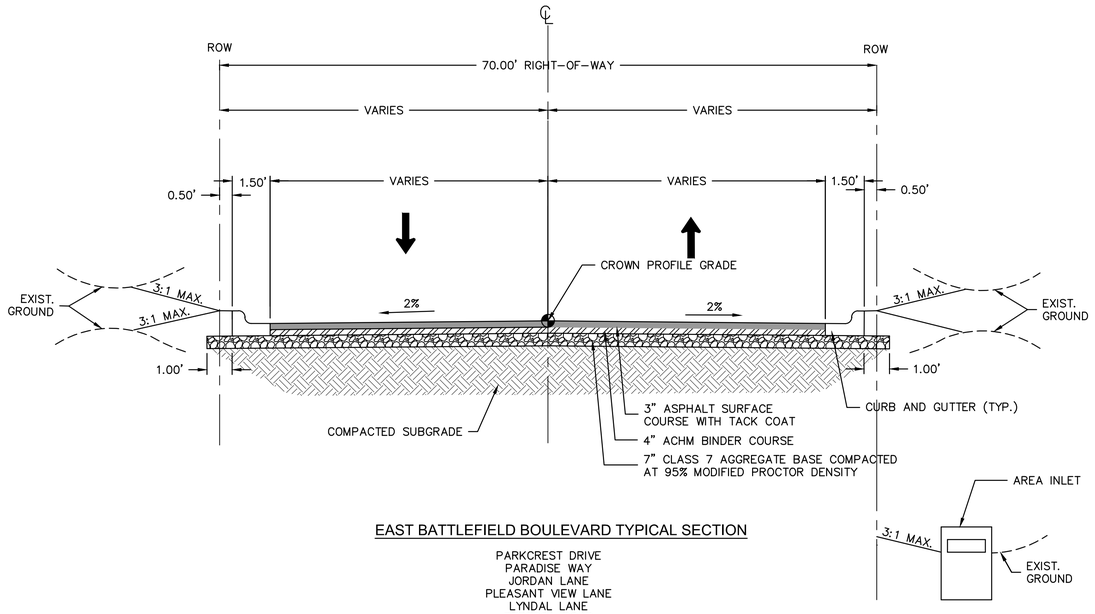
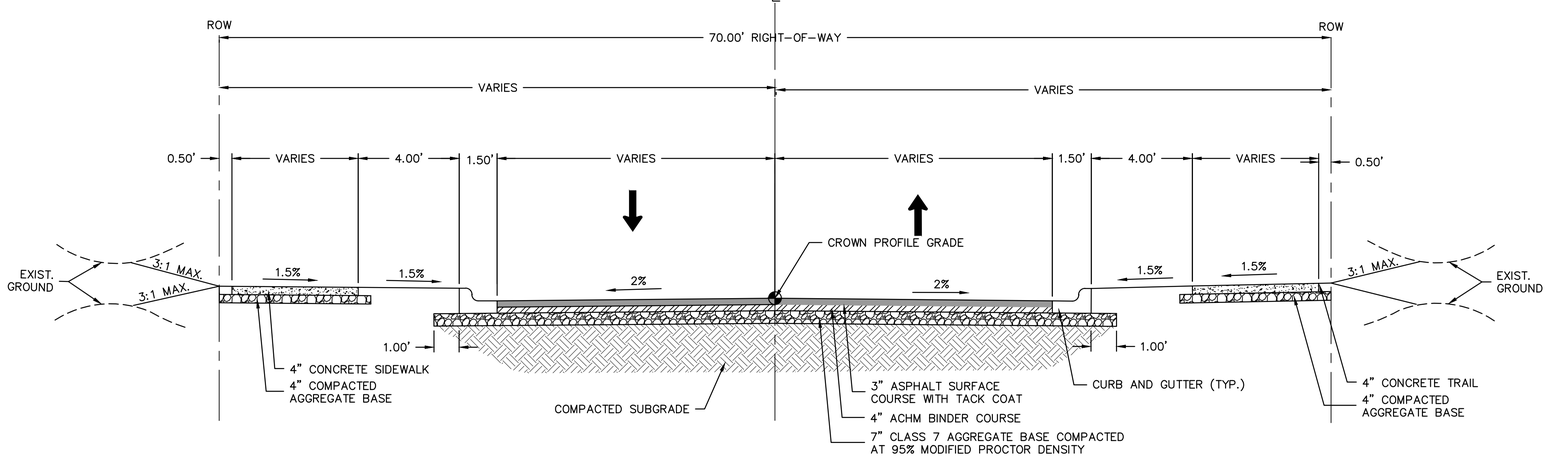


EAST BATTLEFIELD BOULEVARD TYPICAL SECTION

PARKCREST DRIVE
PARADISE WAY
JORDAN LANE
PLEASANT VIEW LANE
LYNDAL LANE
REBECCA ROAD
PRAIRIE LANE



EAST BATTLEFIELD BOULEVARD TYPICAL SECTION

NE CHICORY LANE
NE LARKSPUR LANE

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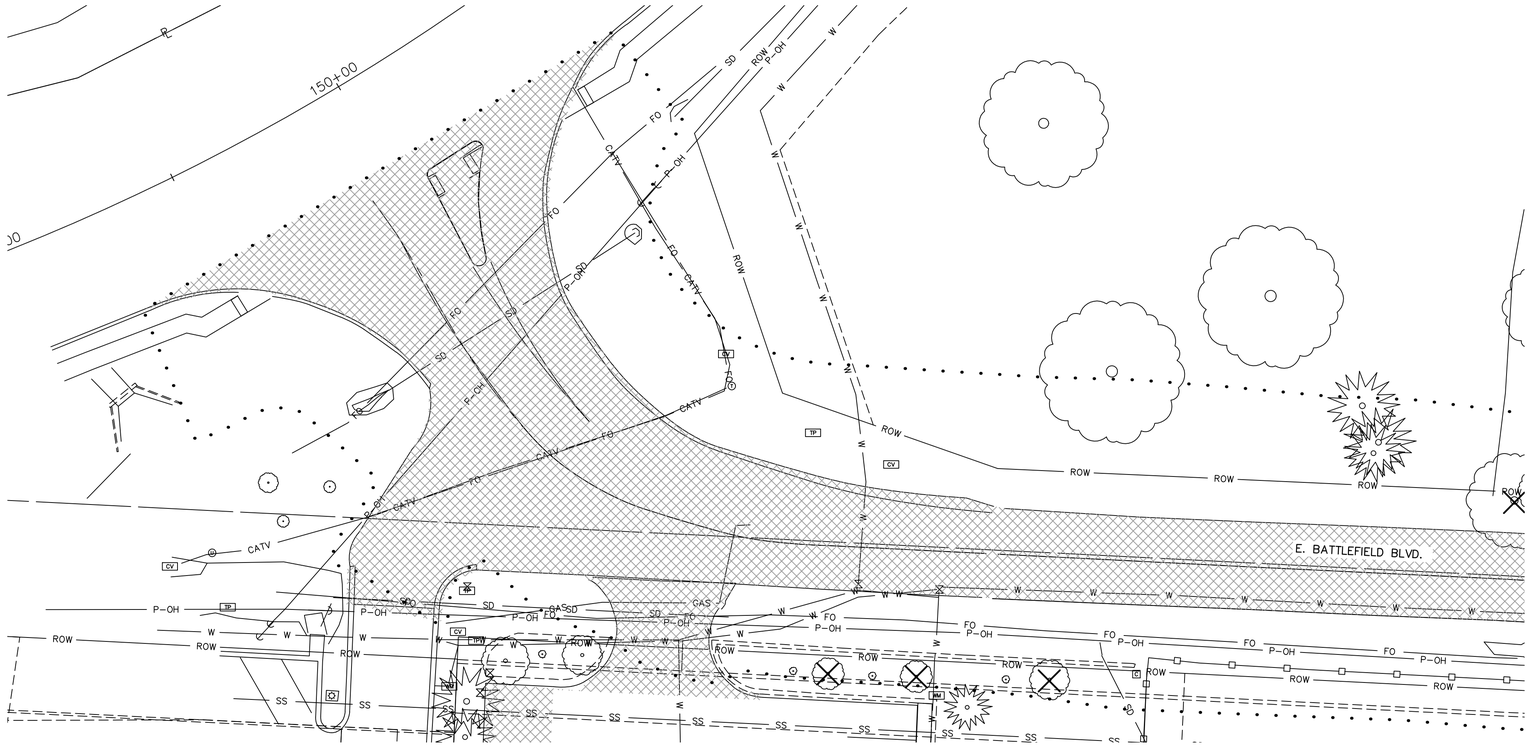

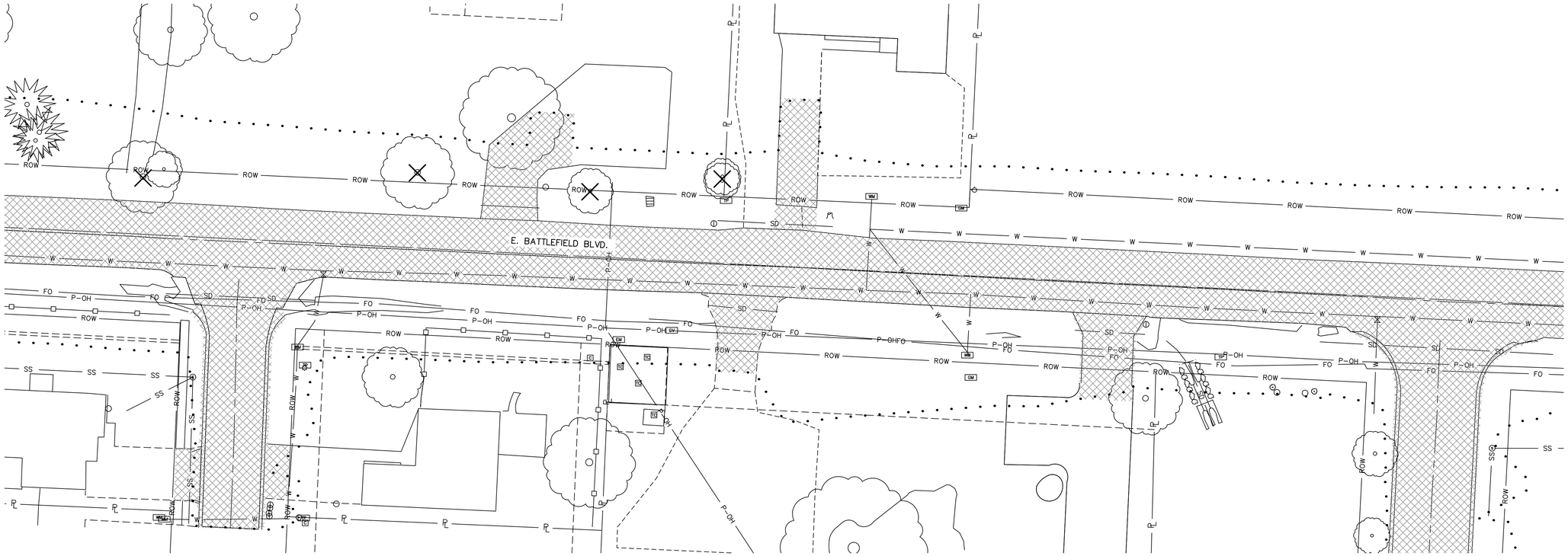

LEGEND	
• • • • • • • • •	GRADING/CONSTRUCTION LIMITS
	PAVEMENT REMOVAL
X	TREE REMOVAL

NOTE: SEE UTILITY RELOCATION SHEETS FOR WATER AND SANITARY SEWER ADJUSTMENTS. ALL OTHER UTILITIES TO BE RELOCATED BY THE GOVERNING UTILITY.

N

0' 10' 20' 40'
SCALE IN FEET

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REV. NO.	DATE	REVISIONS DESCRIPTION	BY

REVISIONS

DEMOLITION PLAN

E. BATTLEFIELD BOULEVARD IMPROVEMENTS

BENTONVILLE, AR

2022

drawn by:	JS
checked by:	CBB
approved by:	CBB
QA/QC by:	
project no.:	I21-04210
drawing no.:	T_DEM_01_I2104210
date:	4/25/2022

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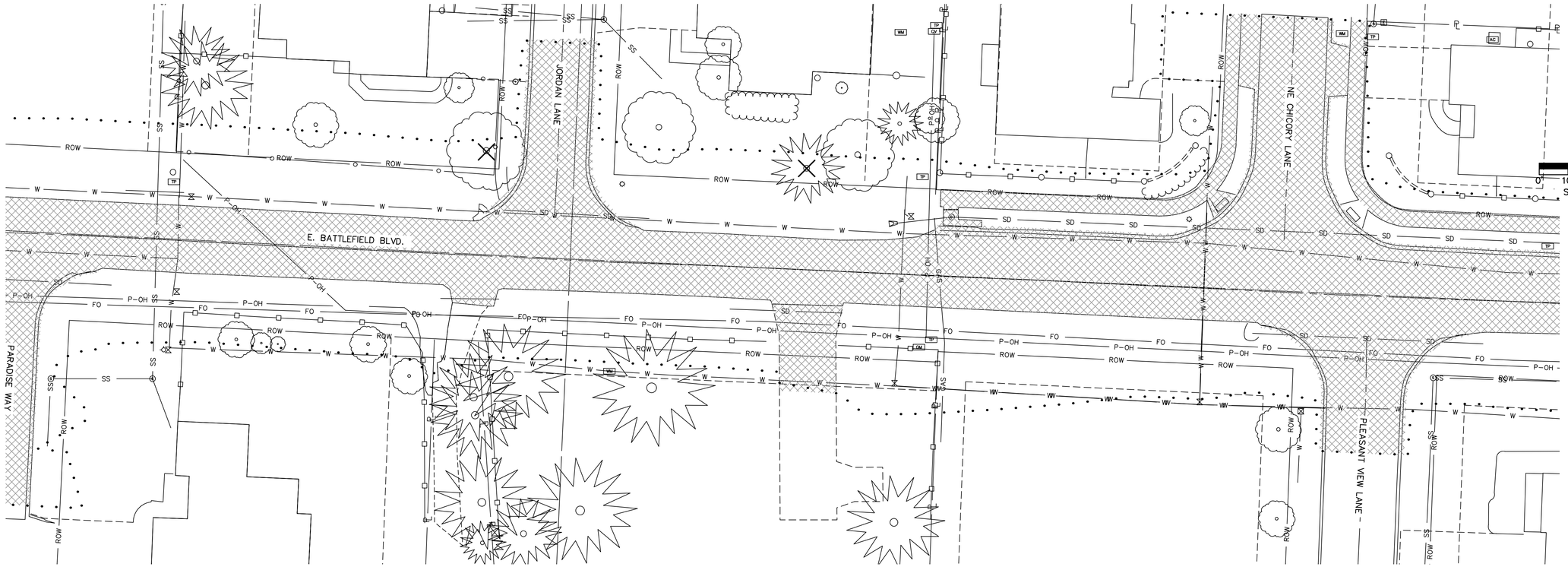

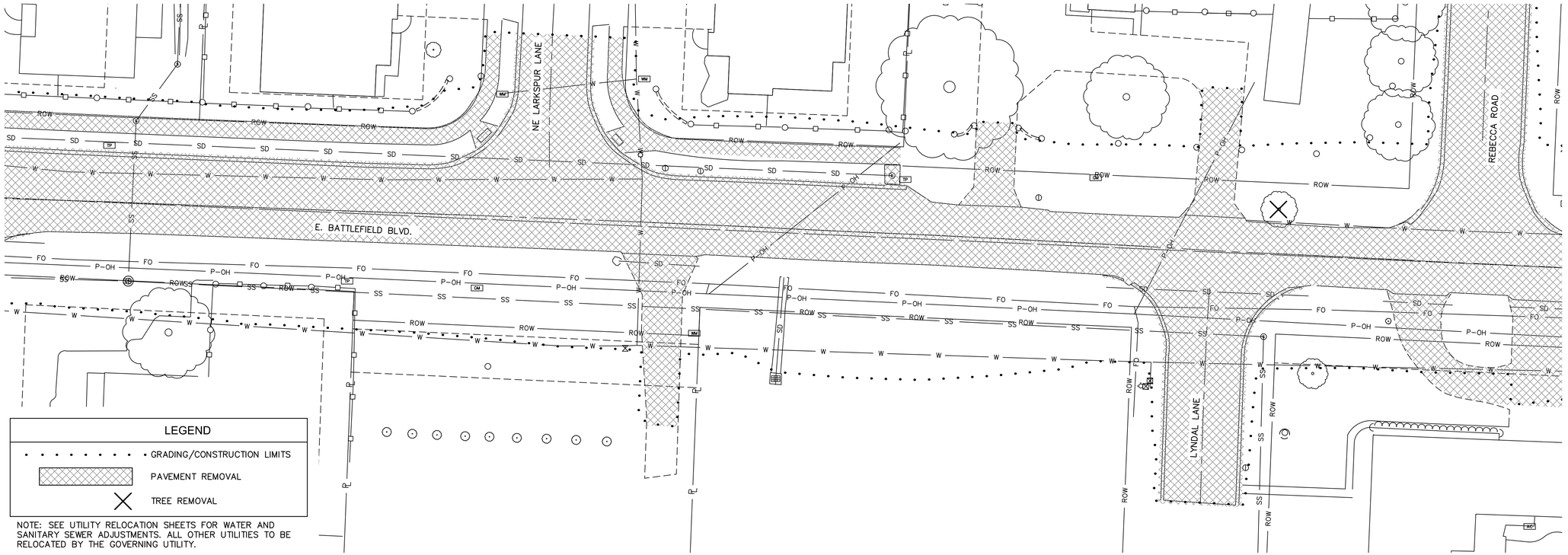

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SHEET
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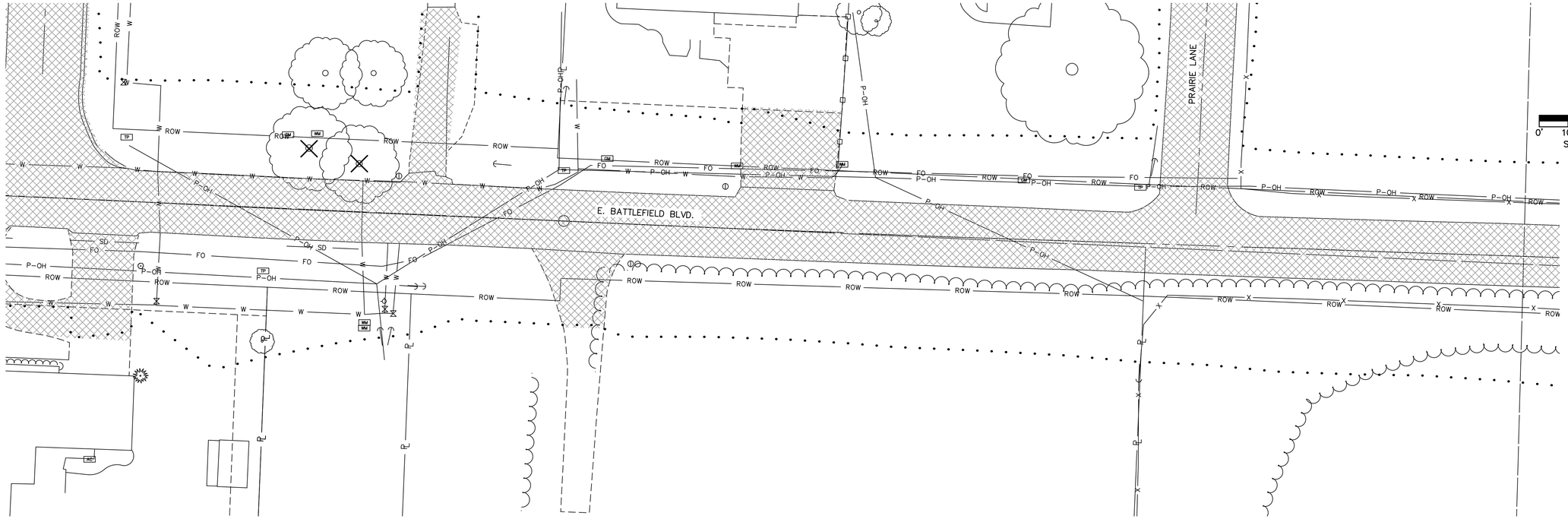

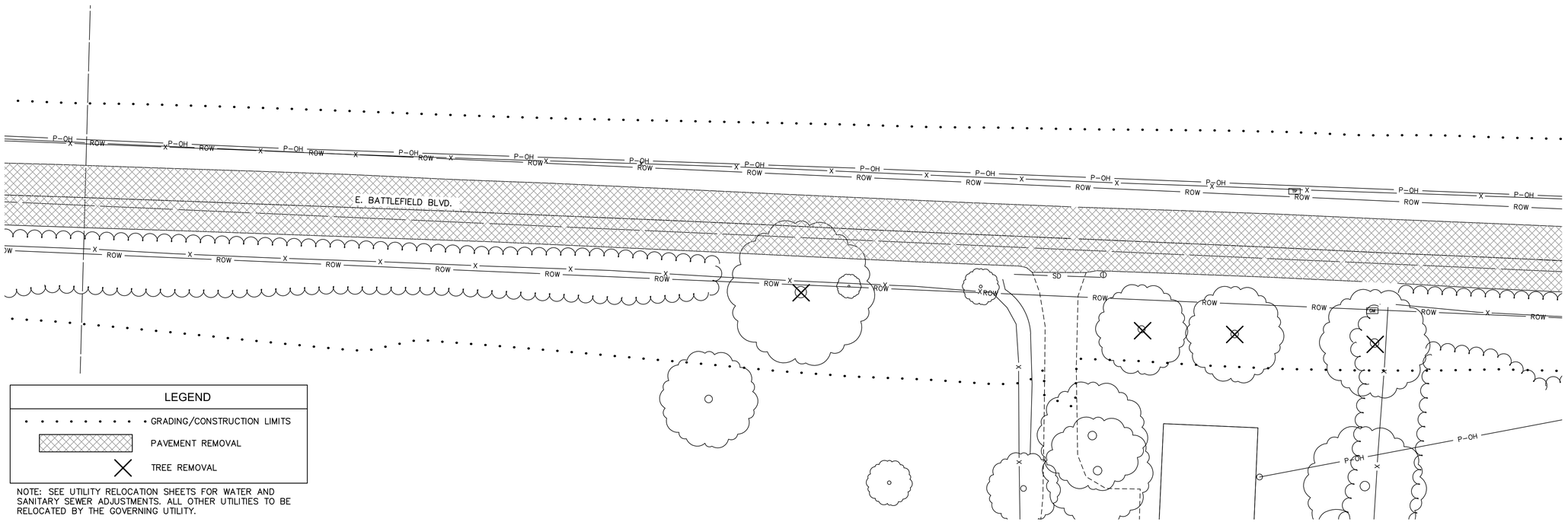

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SHEET
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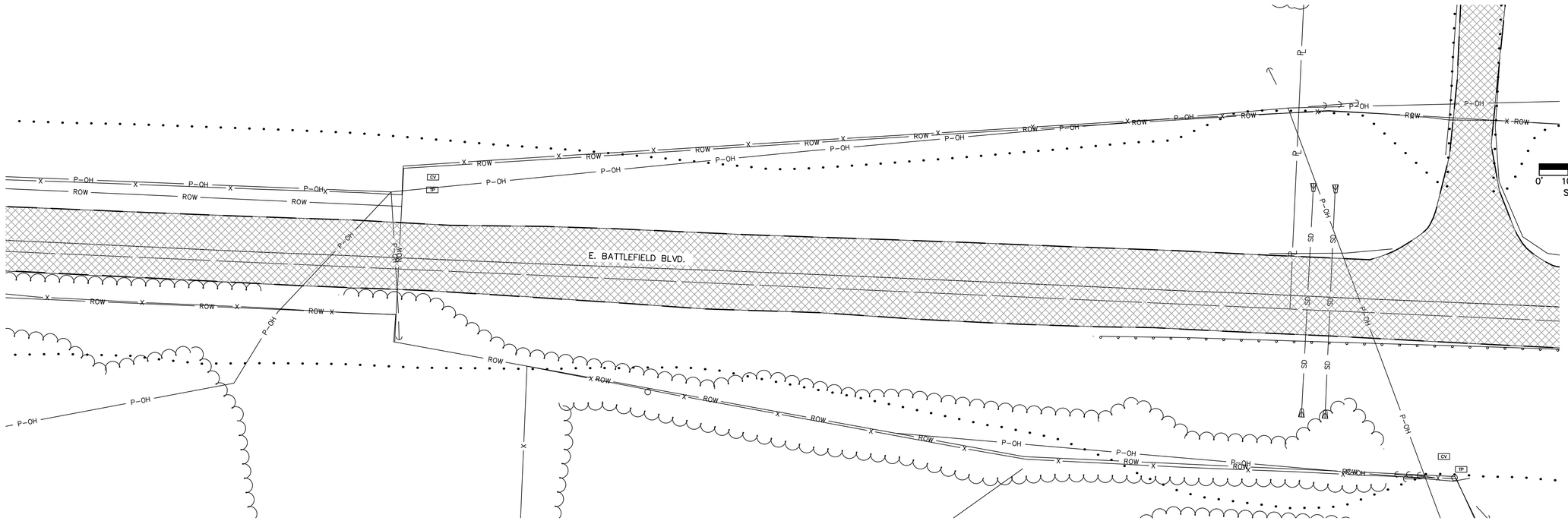

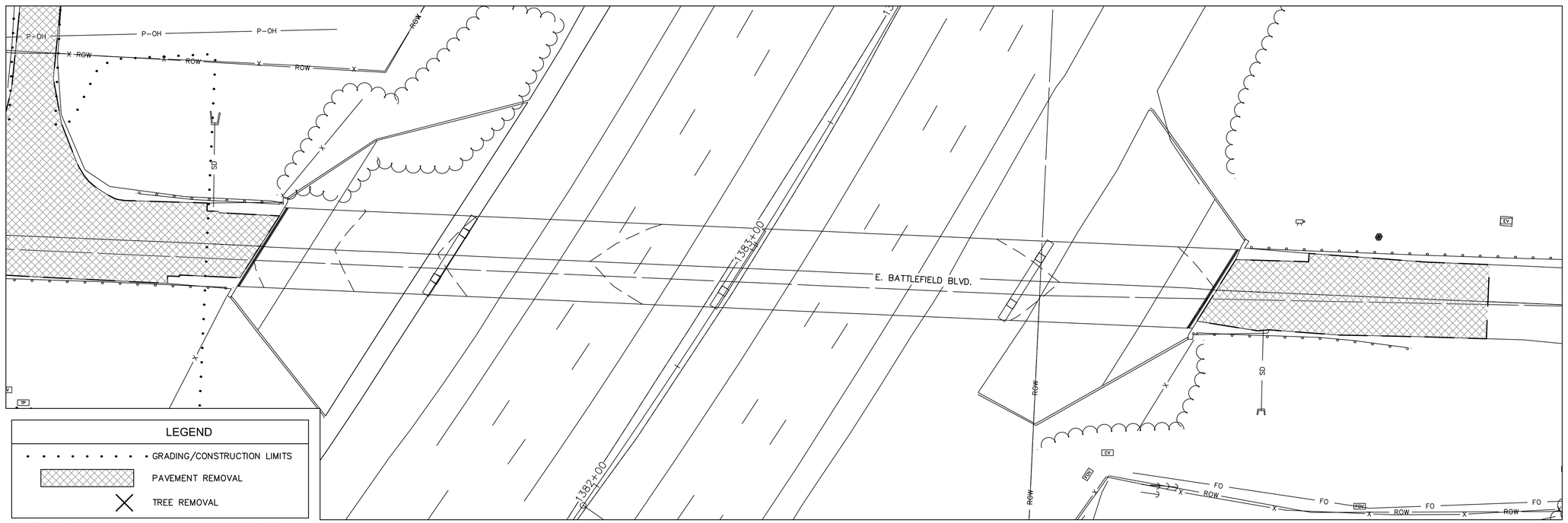

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SHEET
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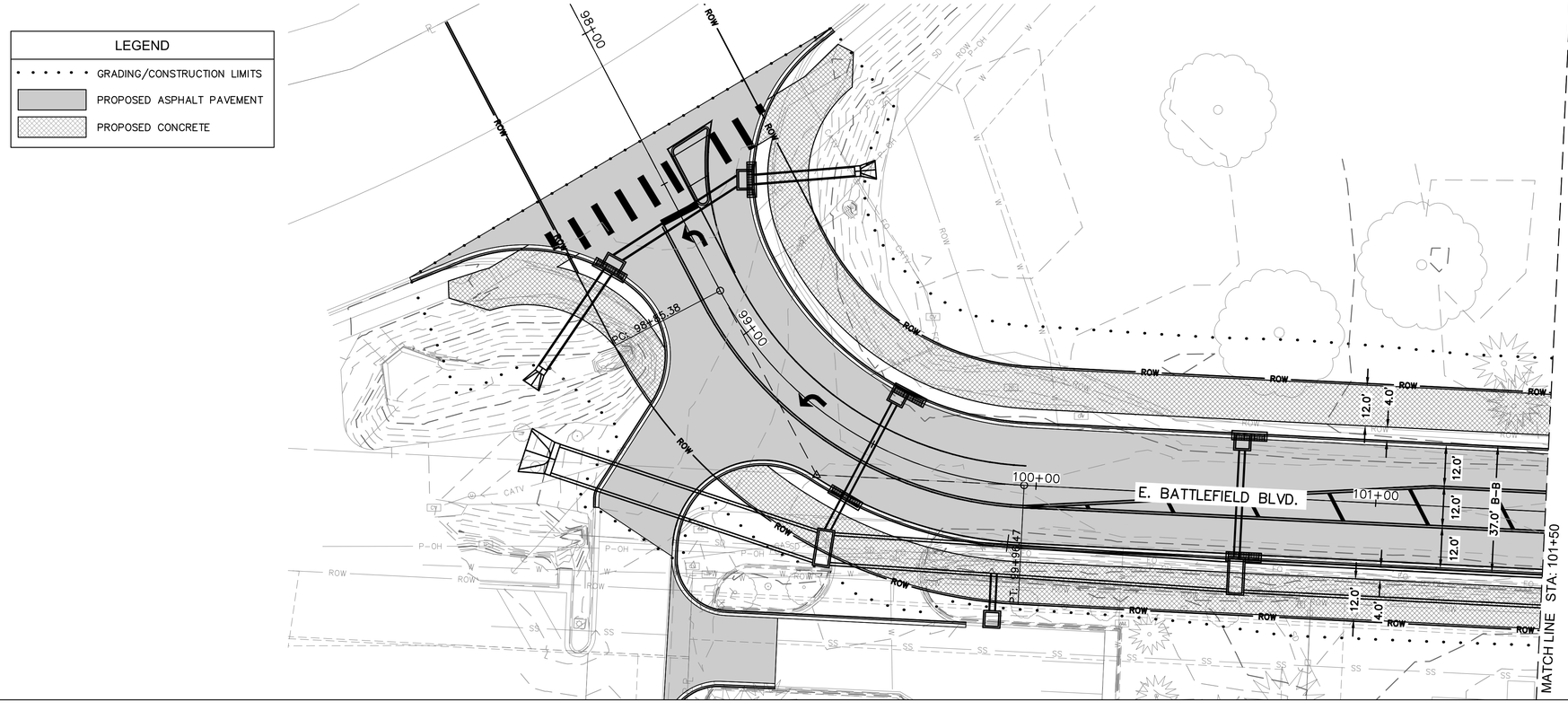

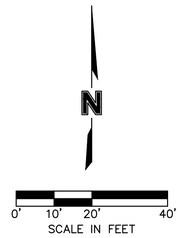

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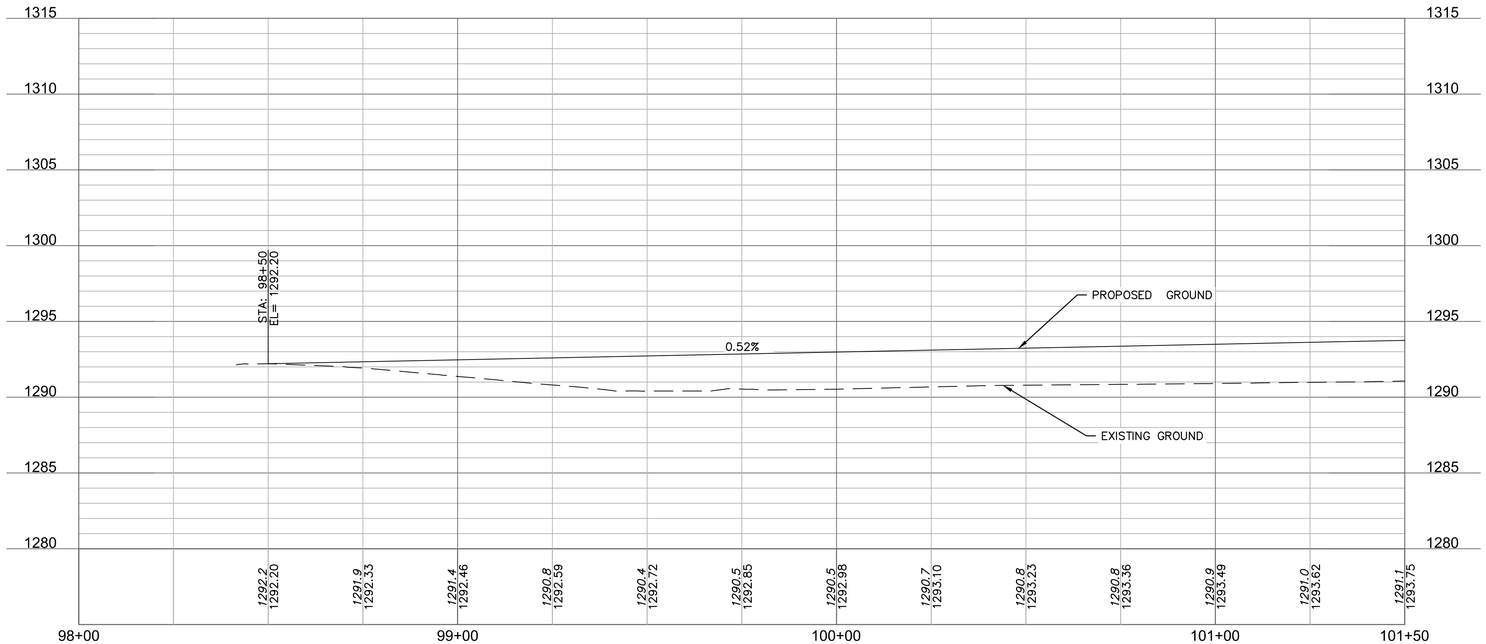

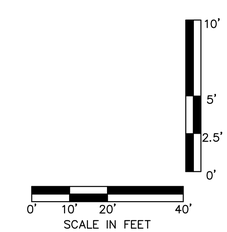

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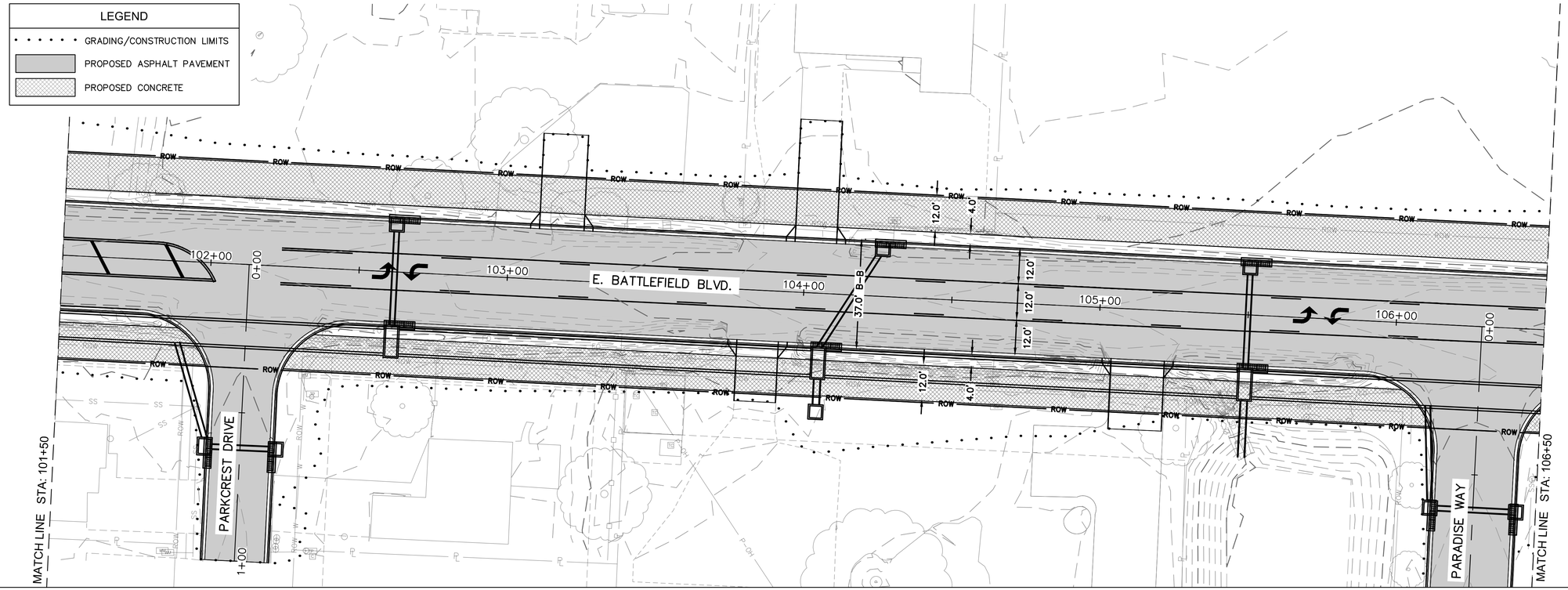
E. BATTLEFIELD BOULEVARD IMPROVEMENTS

BENTONVILLE, AR

2022

drawn by: NS
checked by: AR
approved by: AR
QA/QC by: AR
project no.: I21-04210
drawing no.: T_RPP_01_I2104210
date: 4/25/2022



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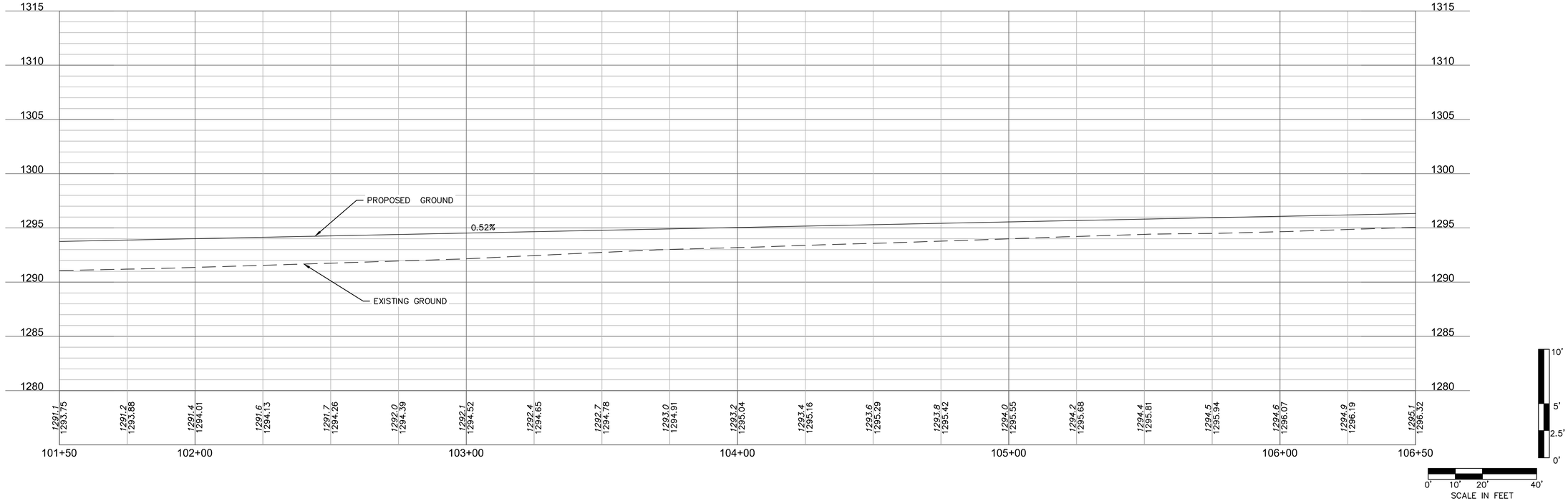

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SHEET 11 of 40

DWG: F:\2021\04001-04500\021-04210-I\40-Design\AutoCAD\Final Plans\Sheets\PLAN& PROFILE\T_RPP_01_I2104210.dwg USER: nscoggs
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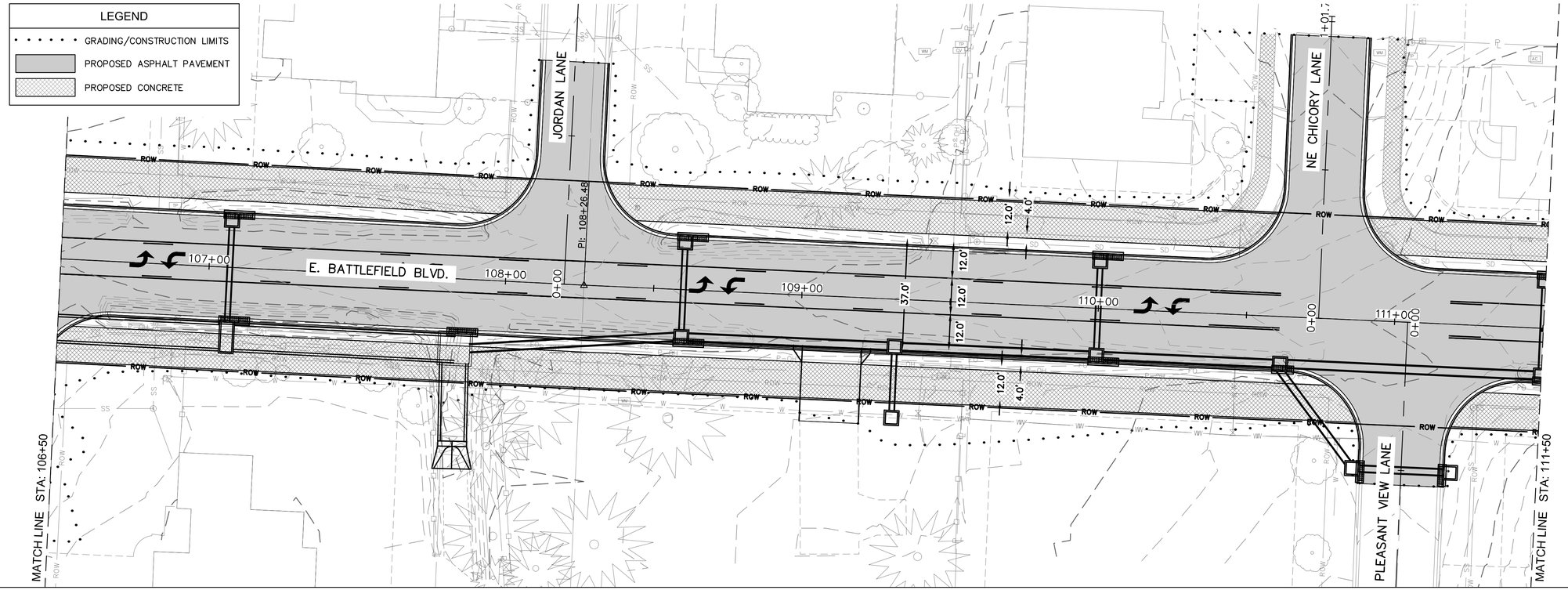

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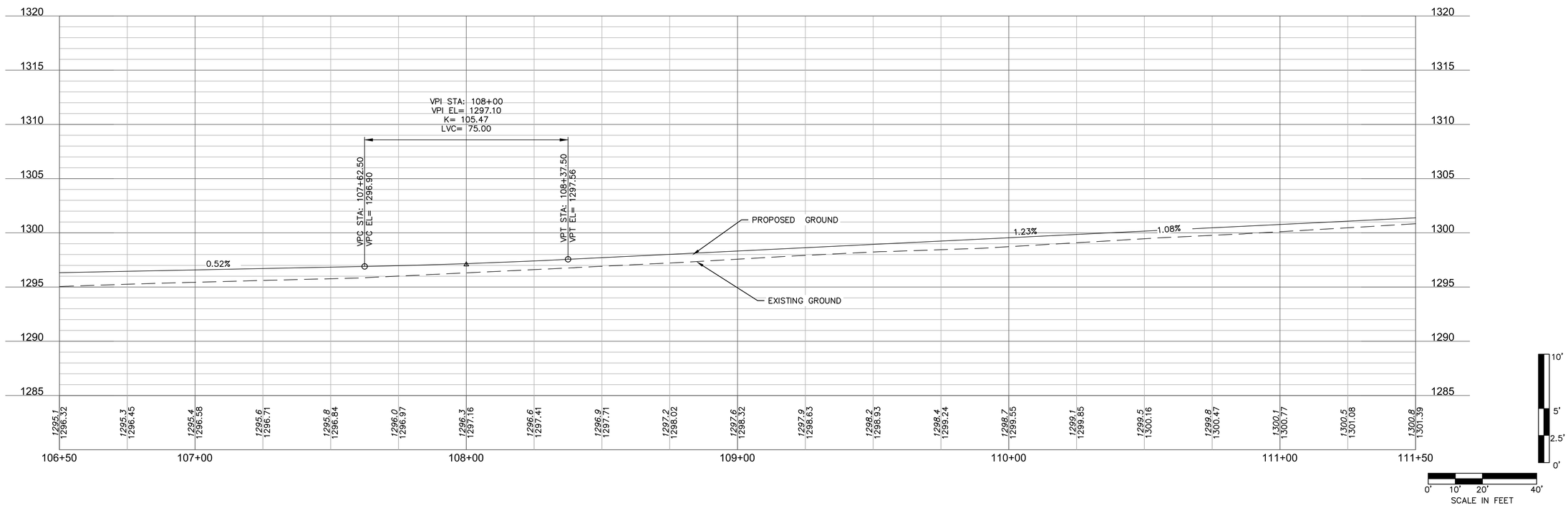

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project no.:	I21-04210
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12 of 40

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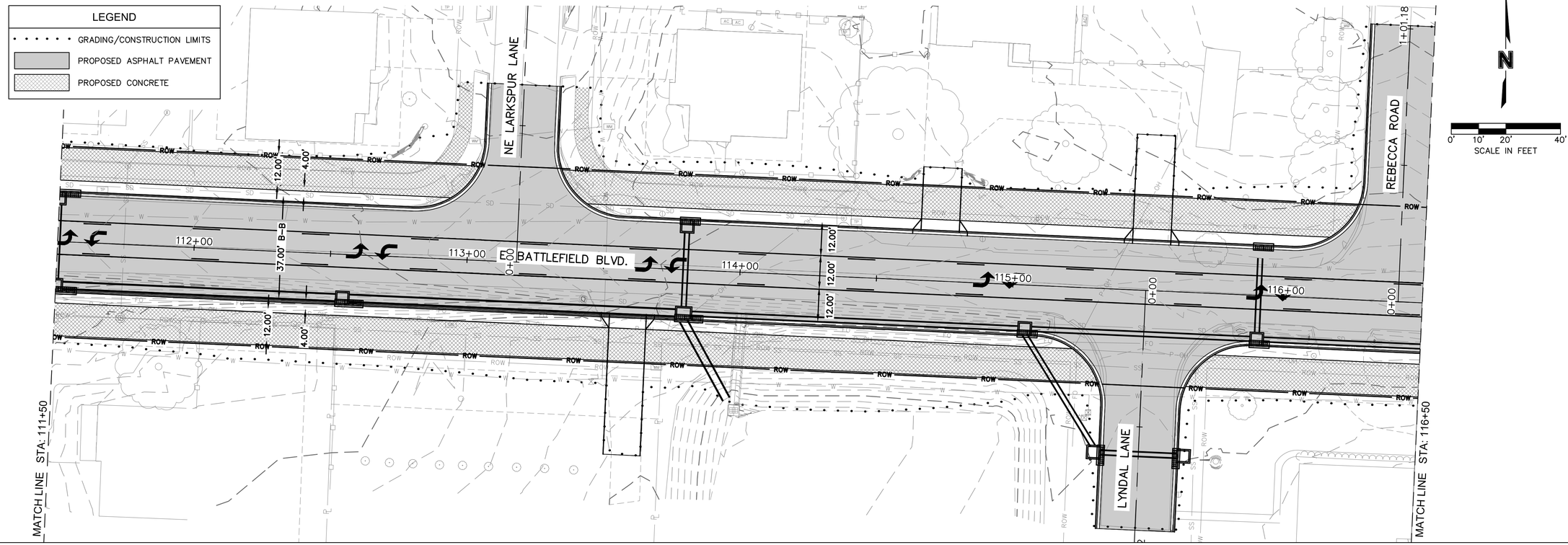

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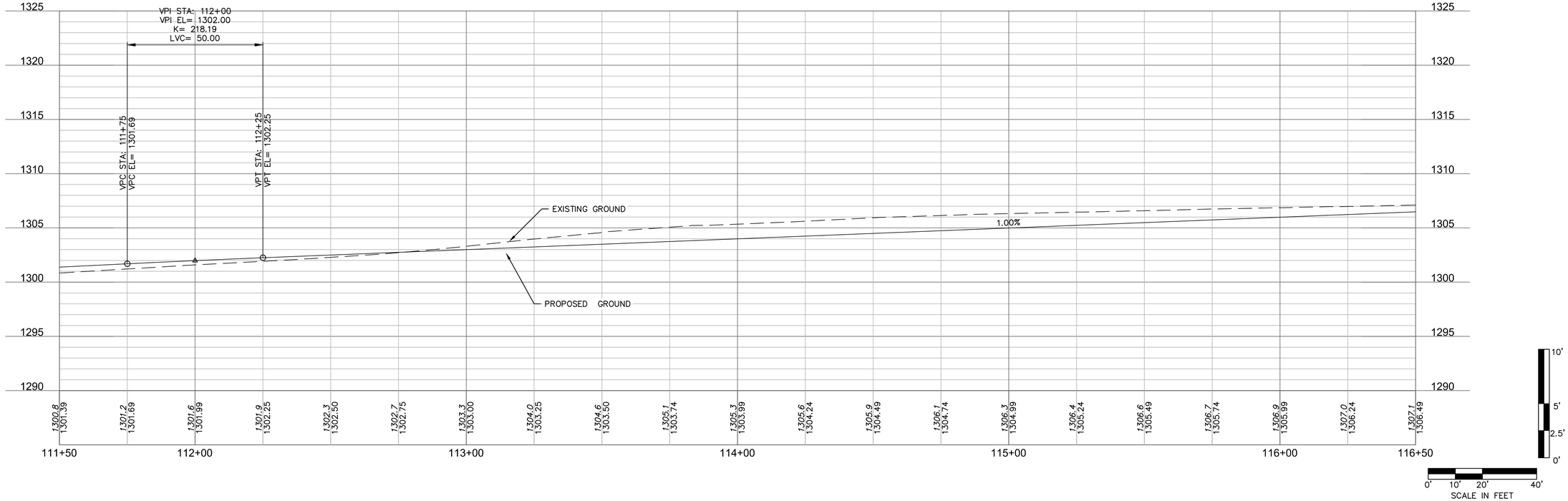

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13 of 40

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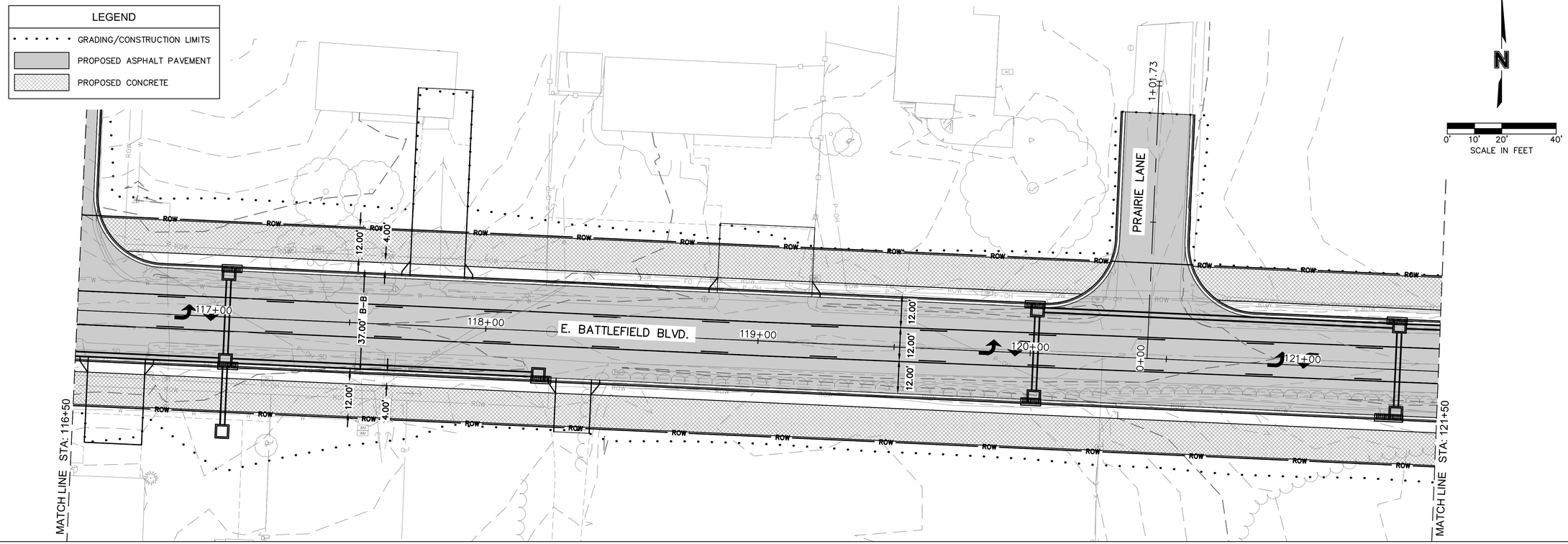

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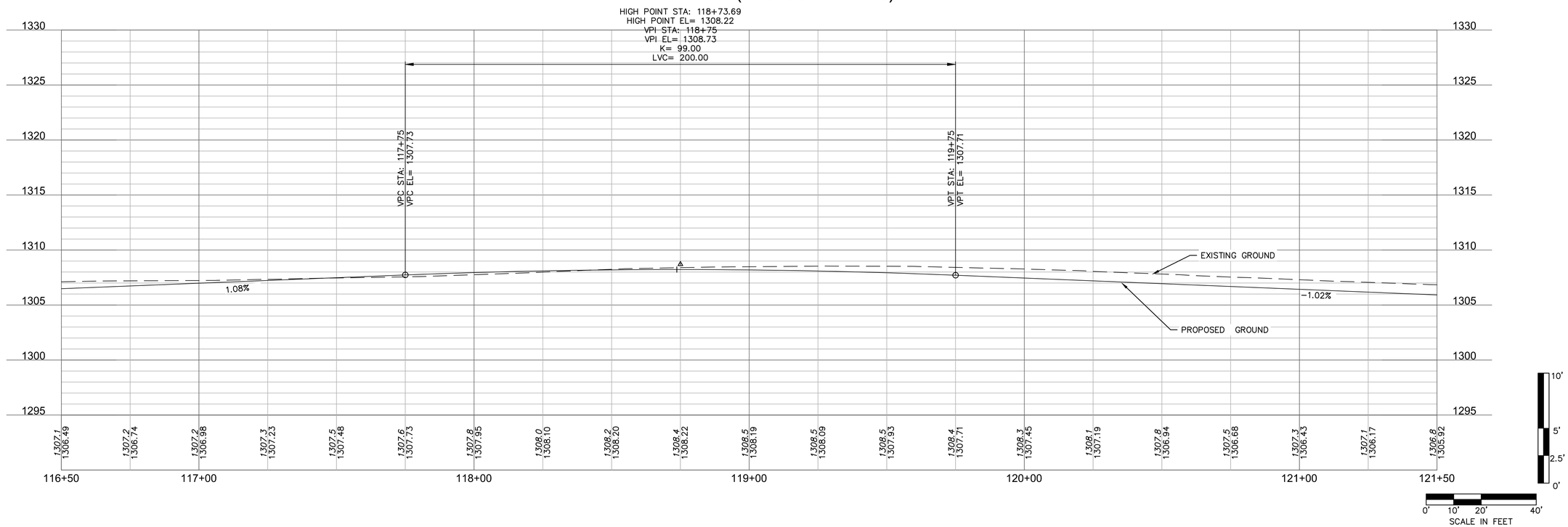

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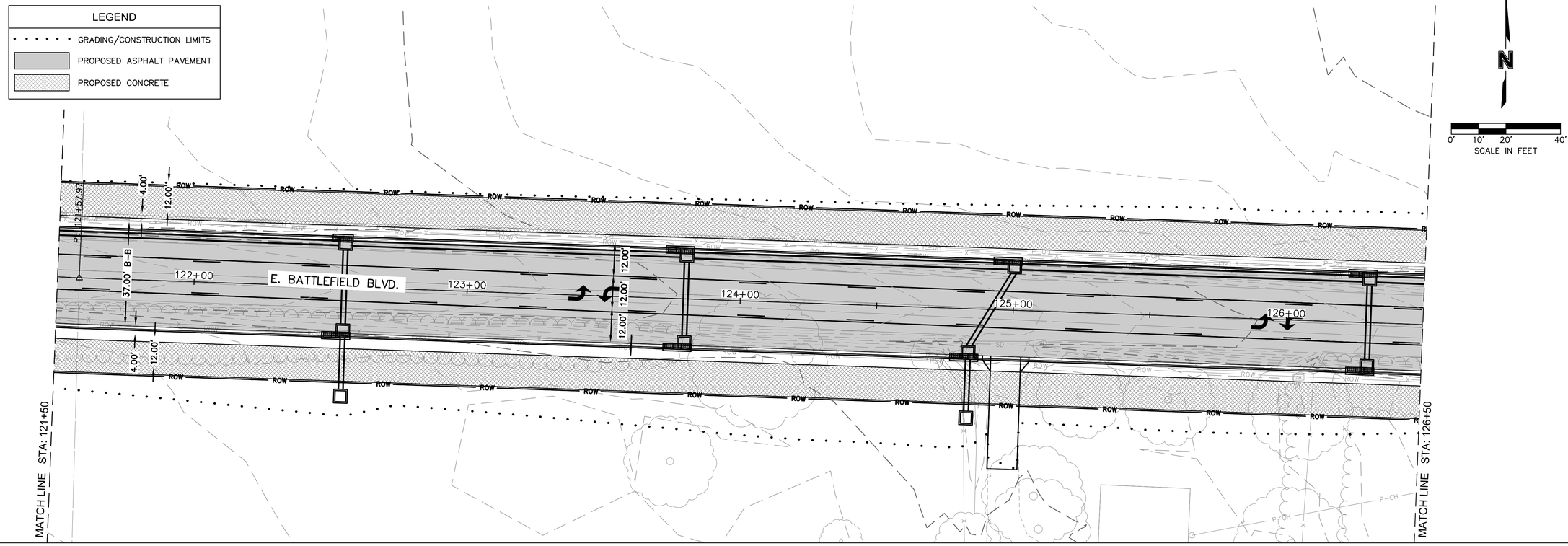

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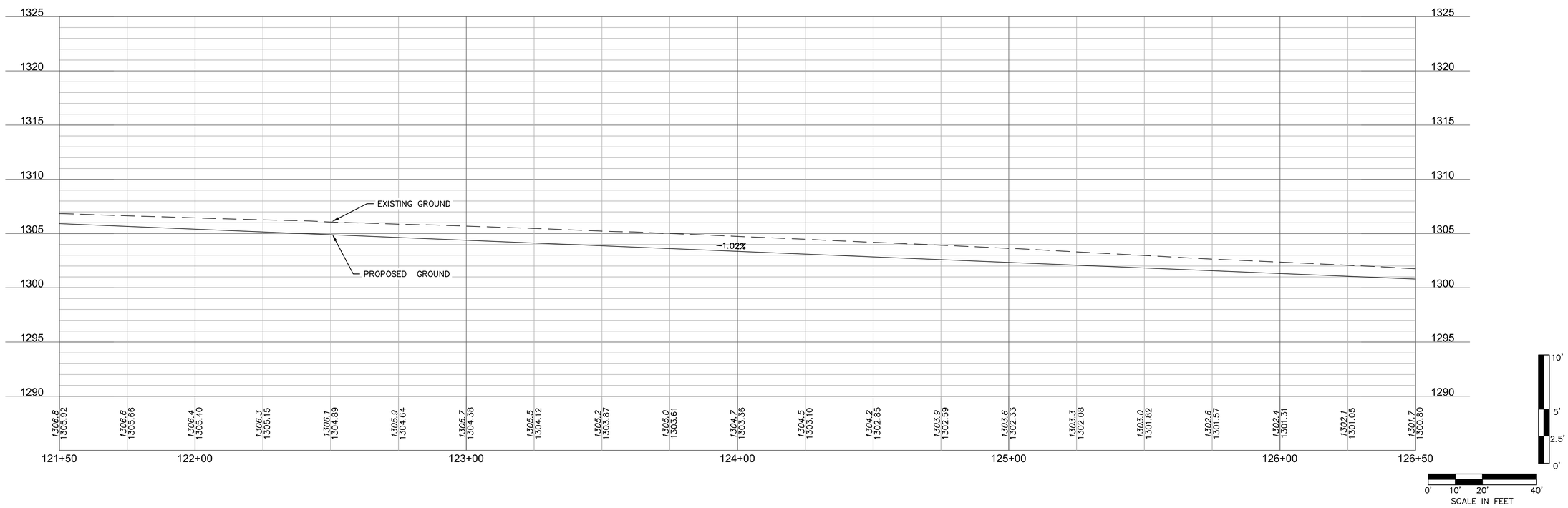

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SHEET 15 of 40

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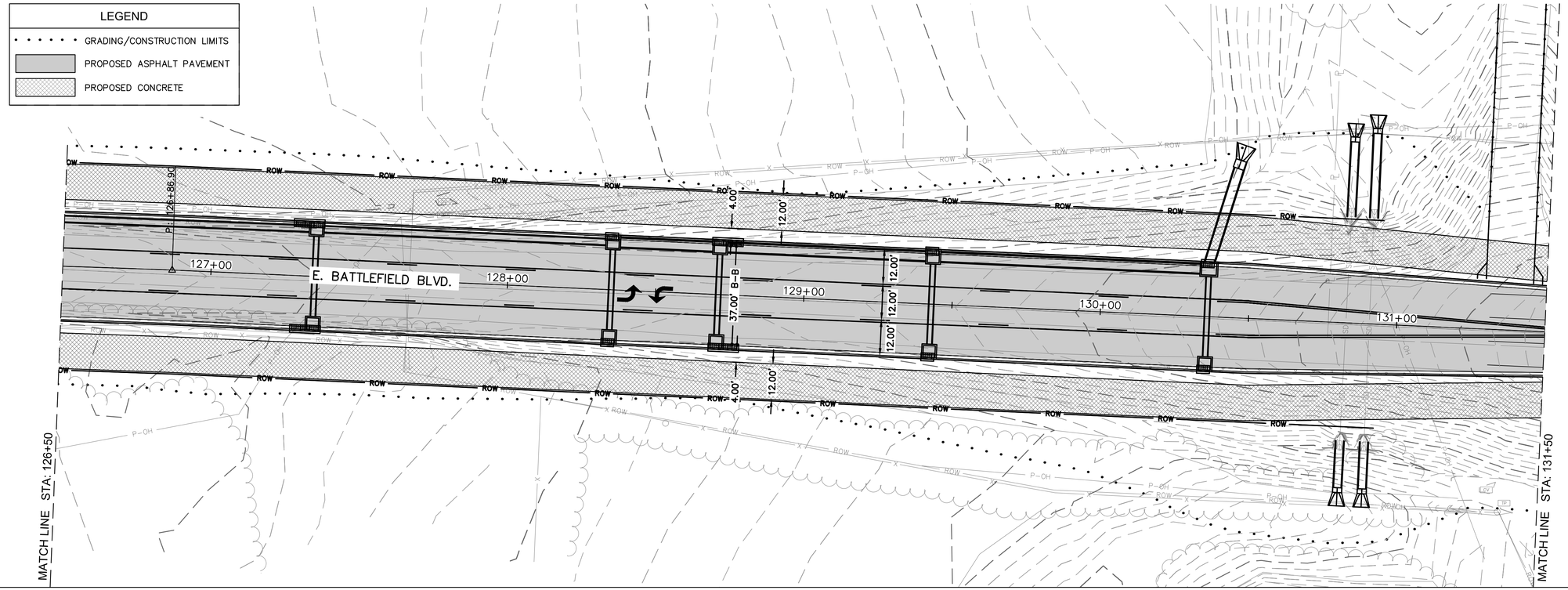

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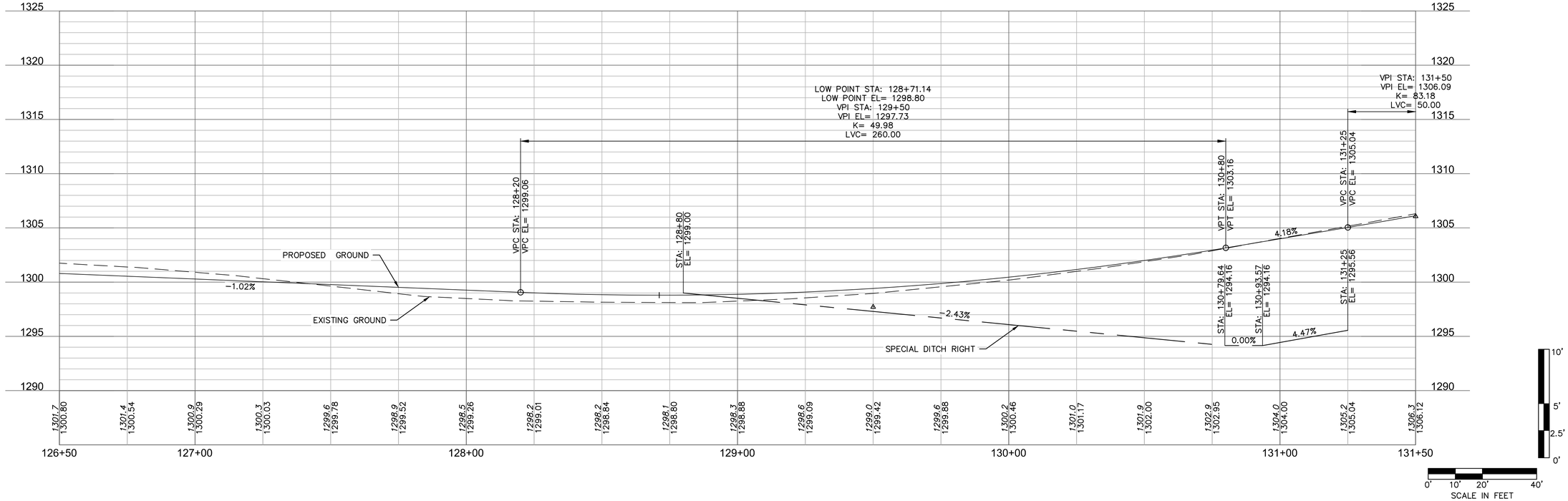

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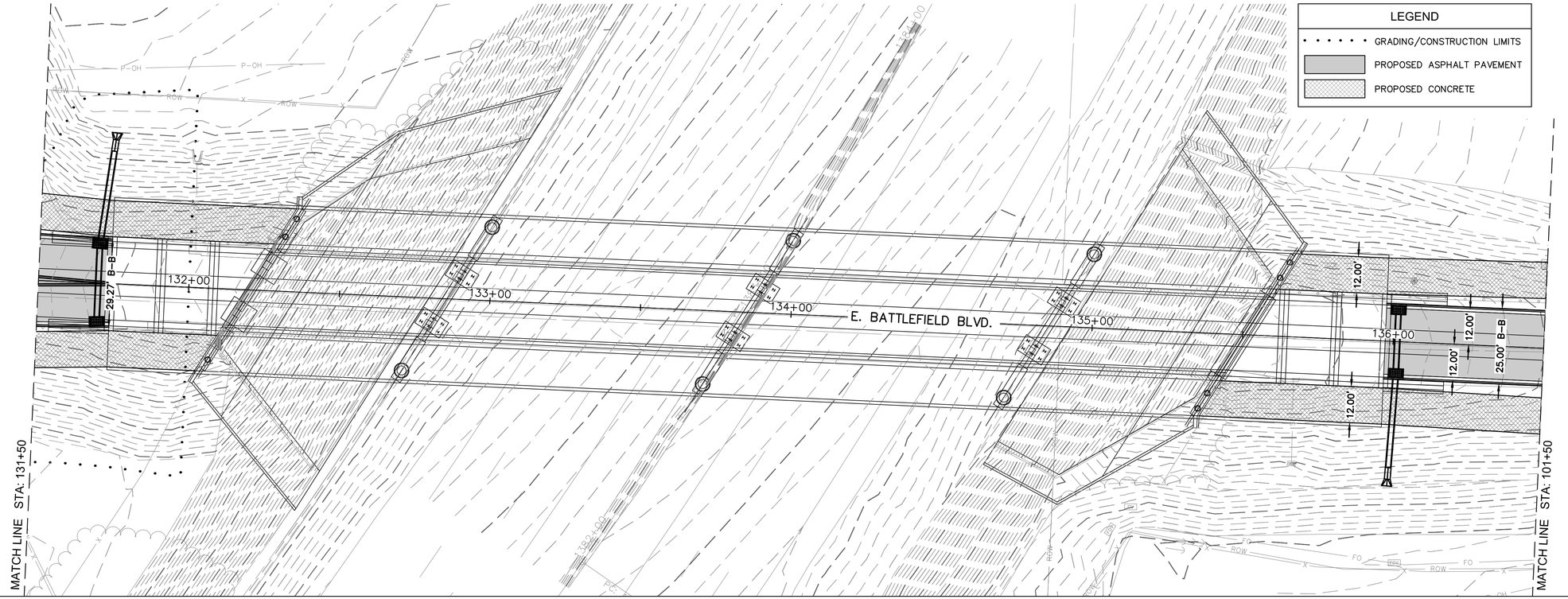

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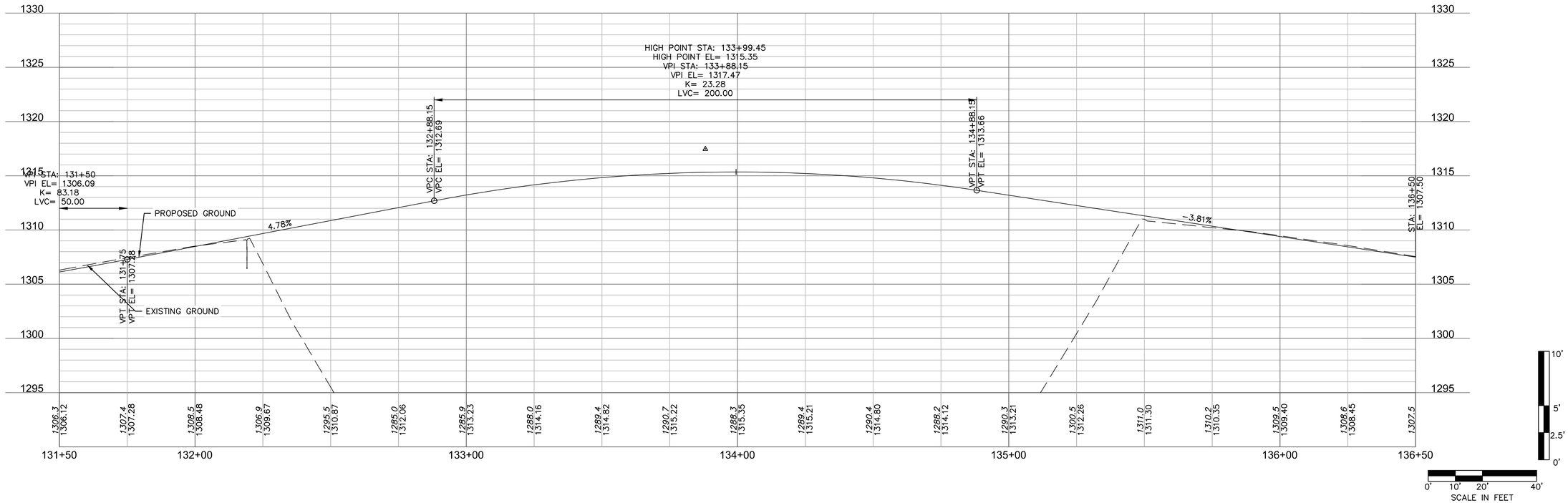

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SHEET
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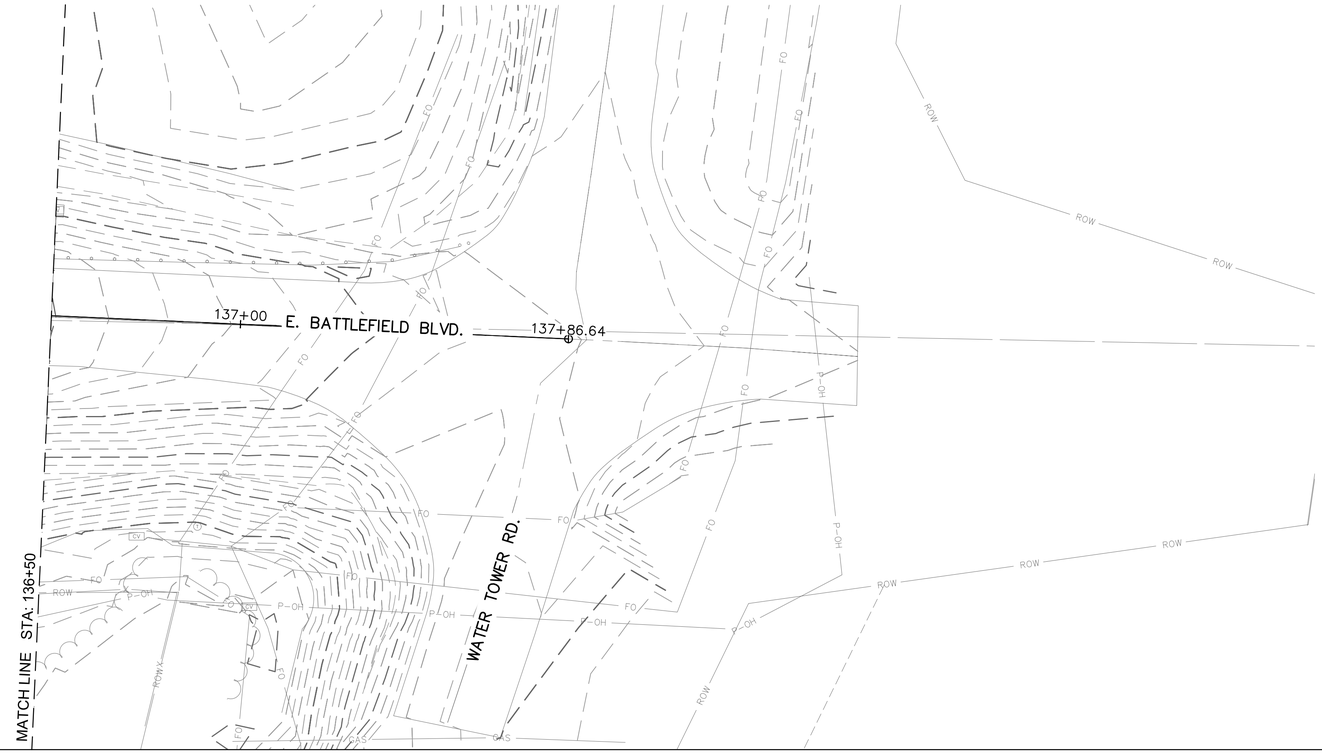
LEGEND

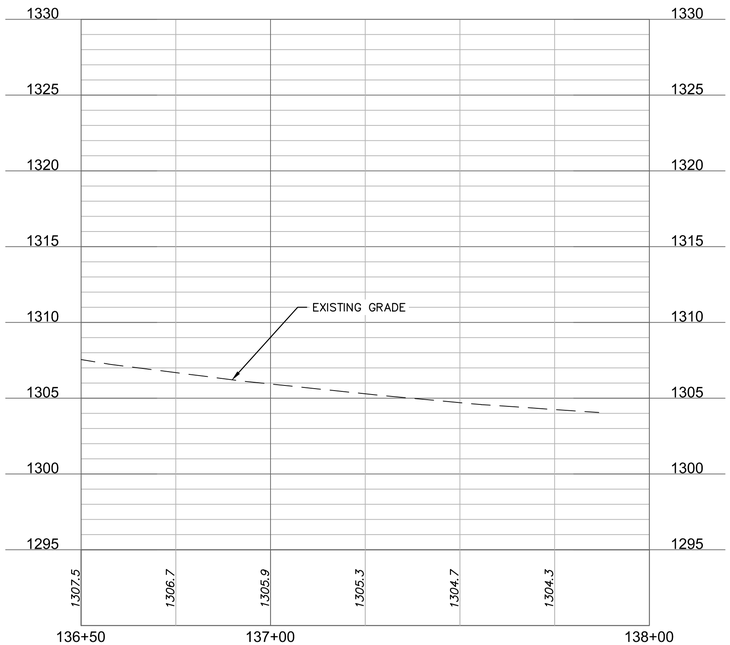
- GRADING/CONSTRUCTION LIMITS
- PROPOSED ASPHALT PAVEMENT
- PROPOSED CONCRETE



N

0' 10' 20' 40'
SCALE IN FEET

BATTLEFIELD (136+50 - 138+00)



10' 5' 2.5' 0'

0' 10' 20' 40'
SCALE IN FEET

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REV. NO.	DATE	REVISIONS DESCRIPTION	BY

REVISIONS

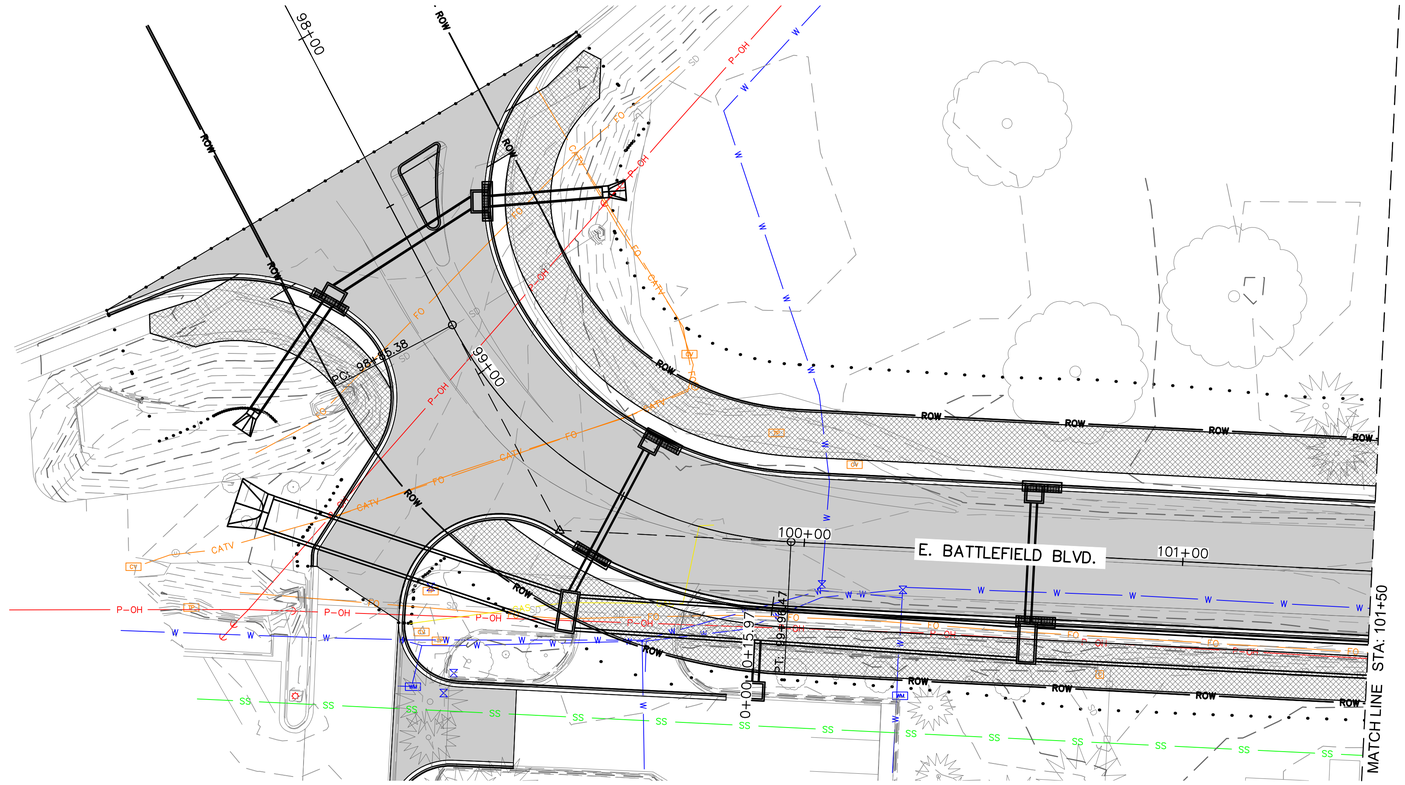
PLAN AND PROFILE

E. BATTLEFIELD BOULEVARD IMPROVEMENTS

BENTONVILLE, AR

2022

drawn by: NS
checked by: AR
approved by: AR
QA/QC by: AR
project no.: I21-04210
drawing no.: T_RPP_03_I2104210
date: 4/25/2022



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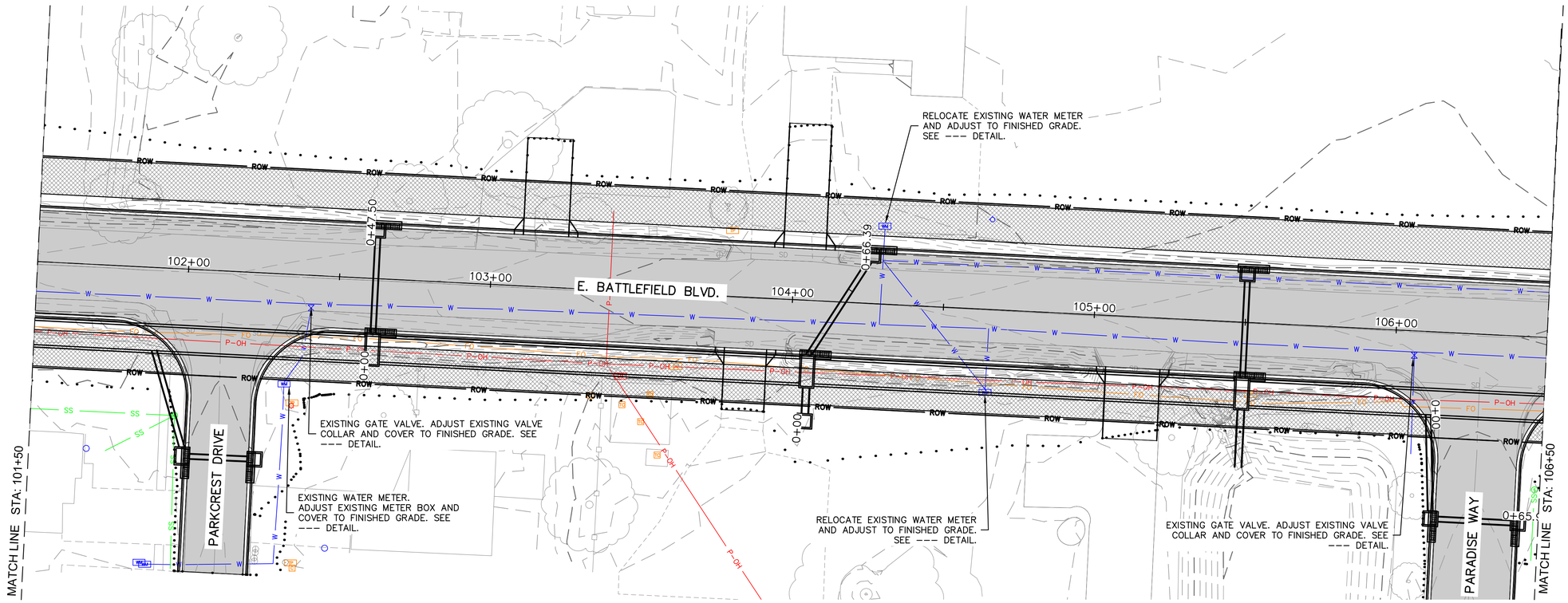
SCALE IN FEET



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USER: nscoggs T_CORR_I2104210 T_PPATT_I2104210 T_BASE_I2104210 T_STRM_I2104210

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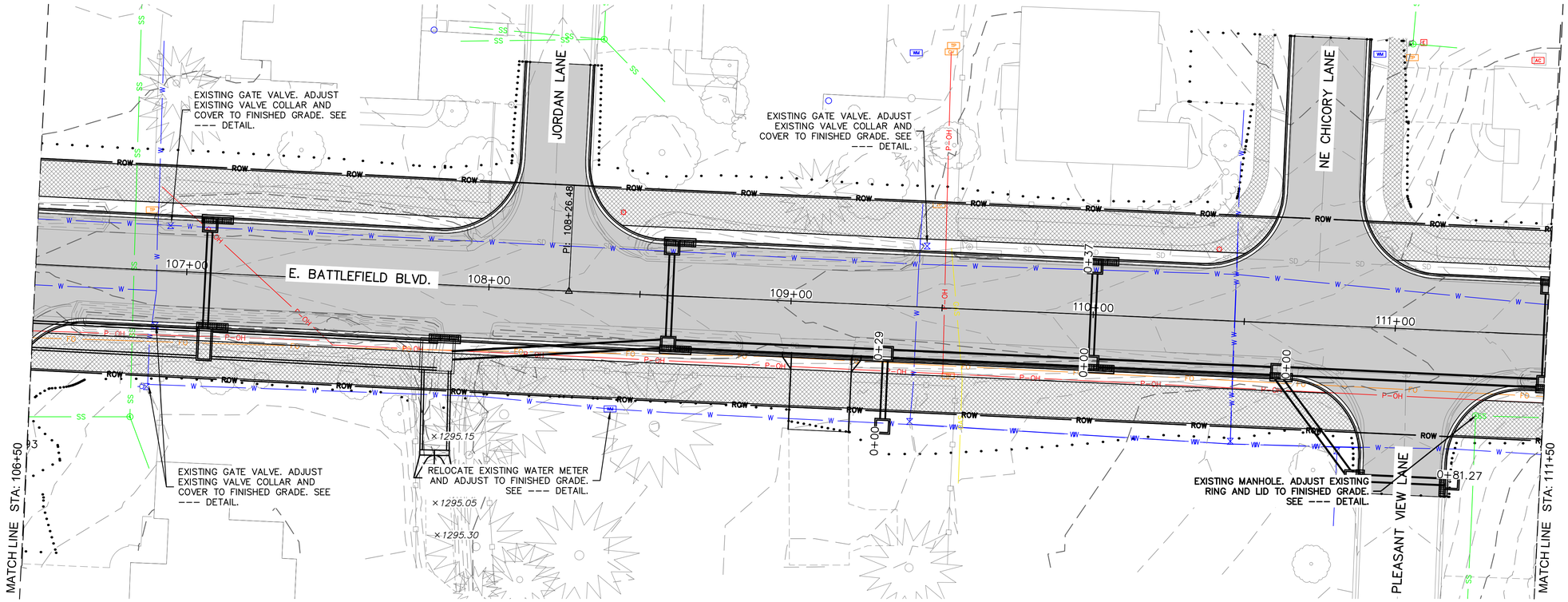
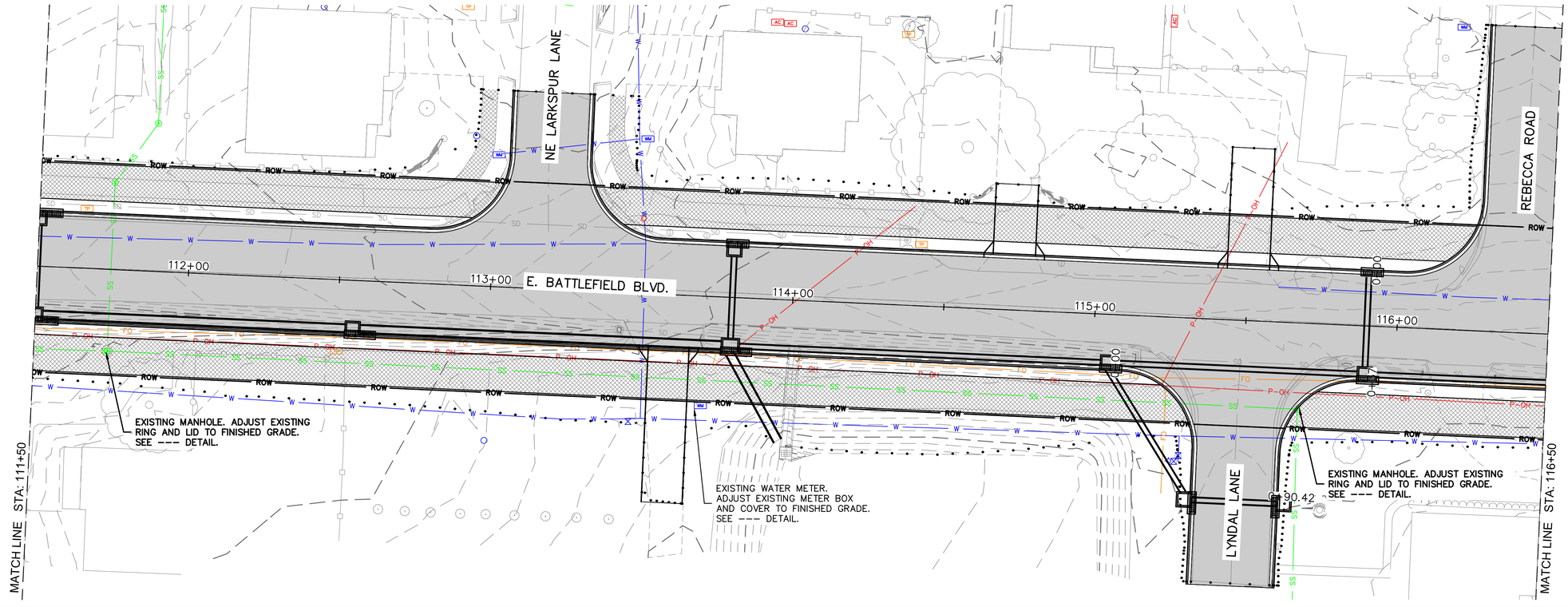
BENTONVILLE, AR

2022

drawn by:	NS
checked by:	AR
approved by:	AR
QA/QC by:	AR
project no.:	I21-04210
drawing no.:	T_UTR_01_I2104210
date:	4/25/2022

SHEET
19 of 40





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SHEET
20 of 40

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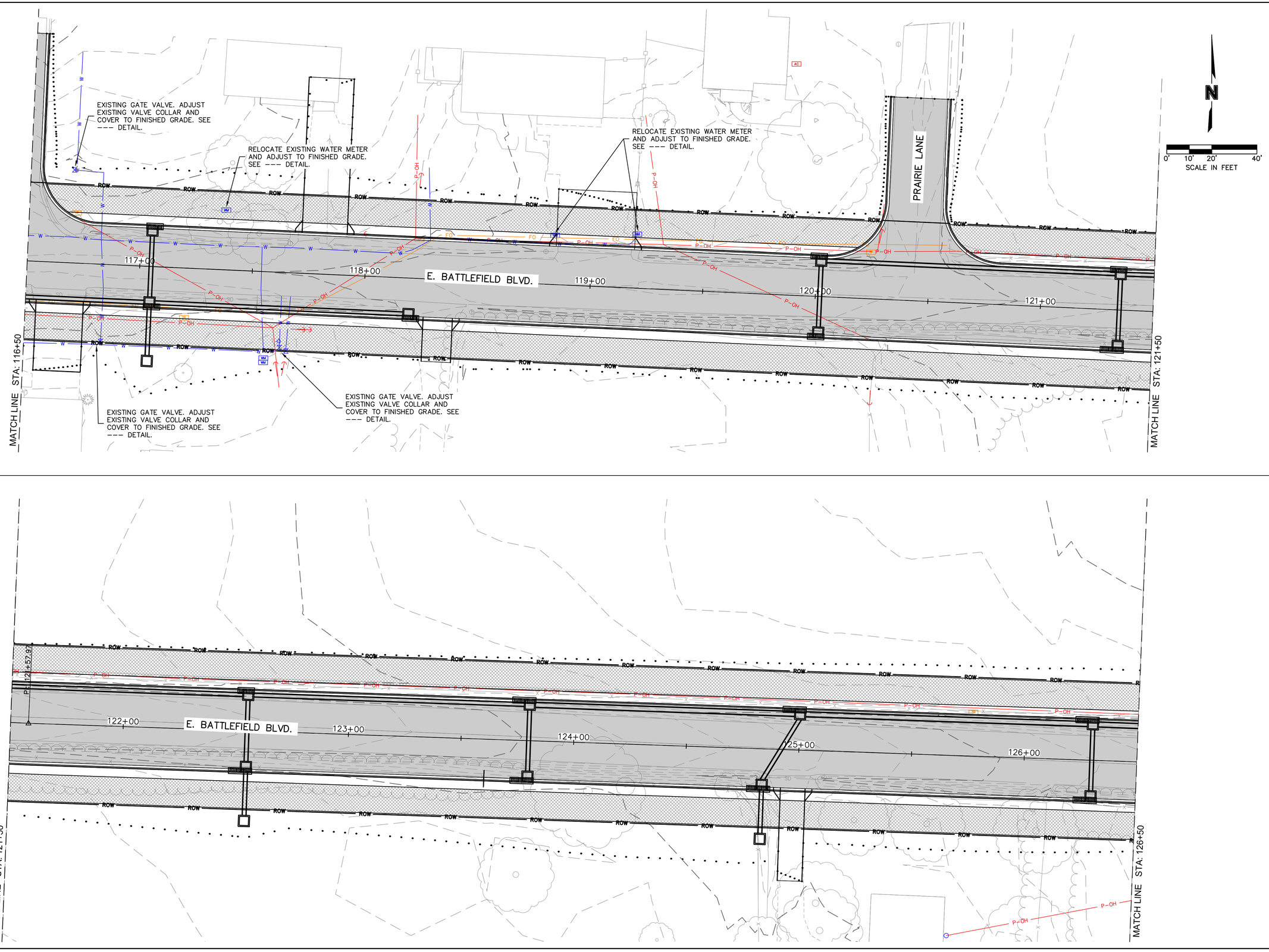

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UTILITY RELOCATIONS

E. BATTLEFIELD BOULEVARD IMPROVEMENTS

BENTONVILLE, AR

2022

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approved by: AR
QA/QC by: AR
project no.: I21-04210
drawing no.: T_UTR_01_I2104210
date: 4/25/2022

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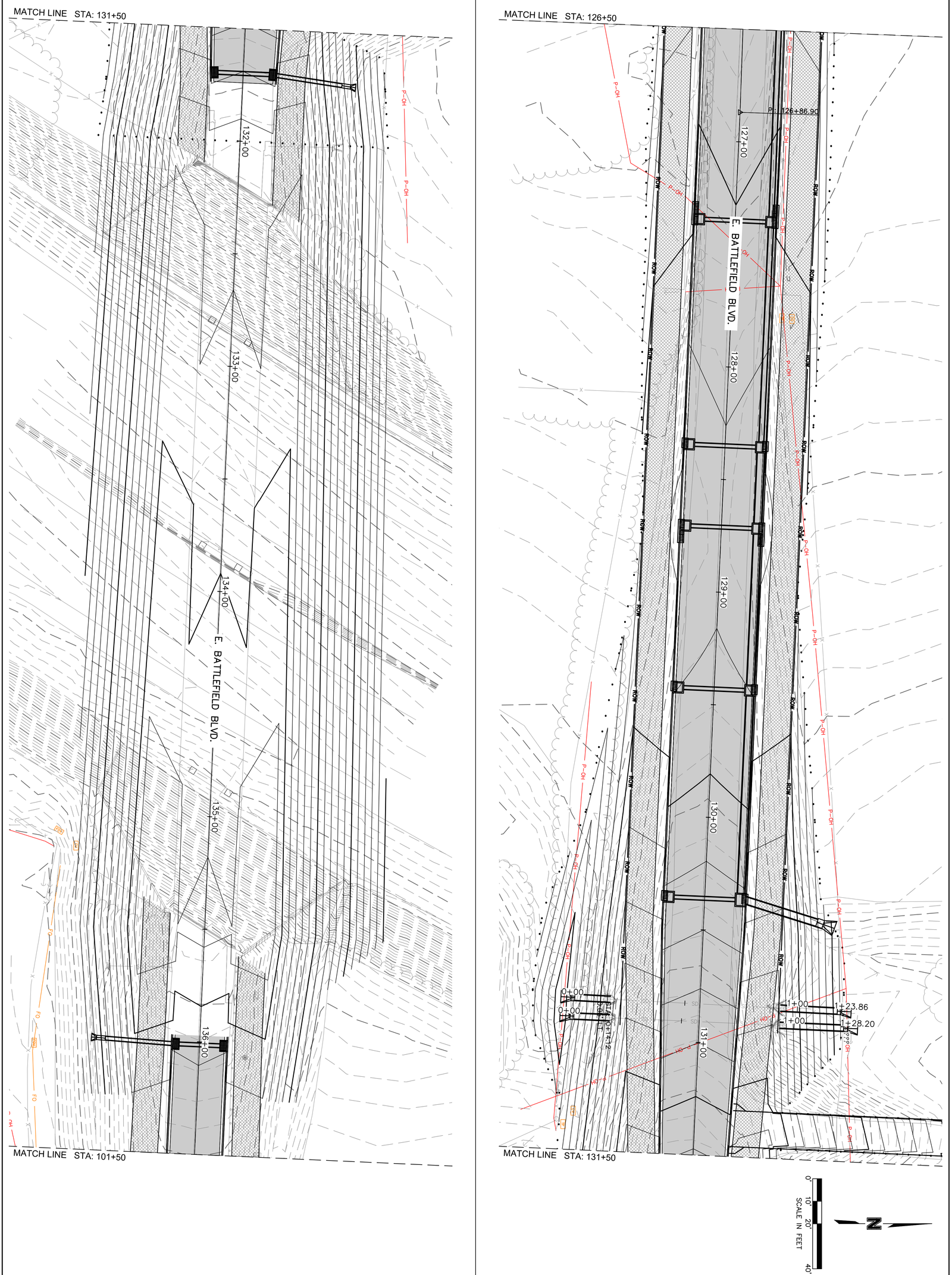

SHEET 22 of 40

drawn by: NS
checked by:
approved by: AR
QA/QC by: AR
project no.: I21-042101
drawing no.: T_UTR_02_I2104210
date: 4/25/2022

UTILITY RELOCATIONS

E. BATTLEFIELD BOULEVARD IMPROVEMENTS

BENTONVILLE, AR 2022

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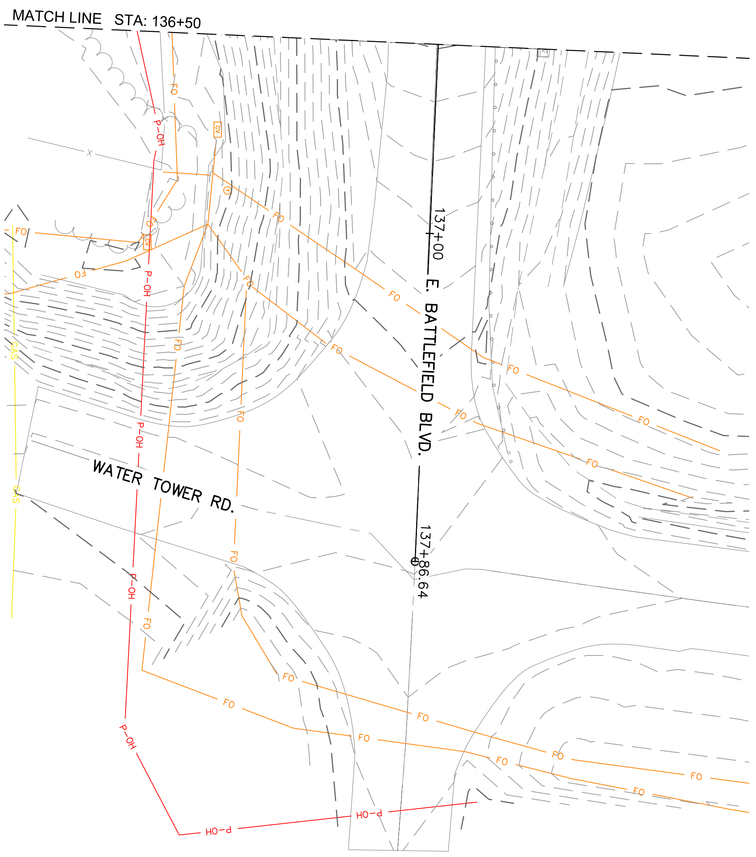

0' 10' 20' 40'
SCALE IN FEET

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SHEET 23 of 40

drawn by: NS
checked by:
approved by: AR
QC checked by: AR
project no.: I21-042101
drawing no.: T_UTR_02_I2104210
date: 4/25/2022

UTILITY RELOCATIONS

E. BATTLEFIELD BOULEVARD IMPROVEMENTS

BENTONVILLE, AR 2022

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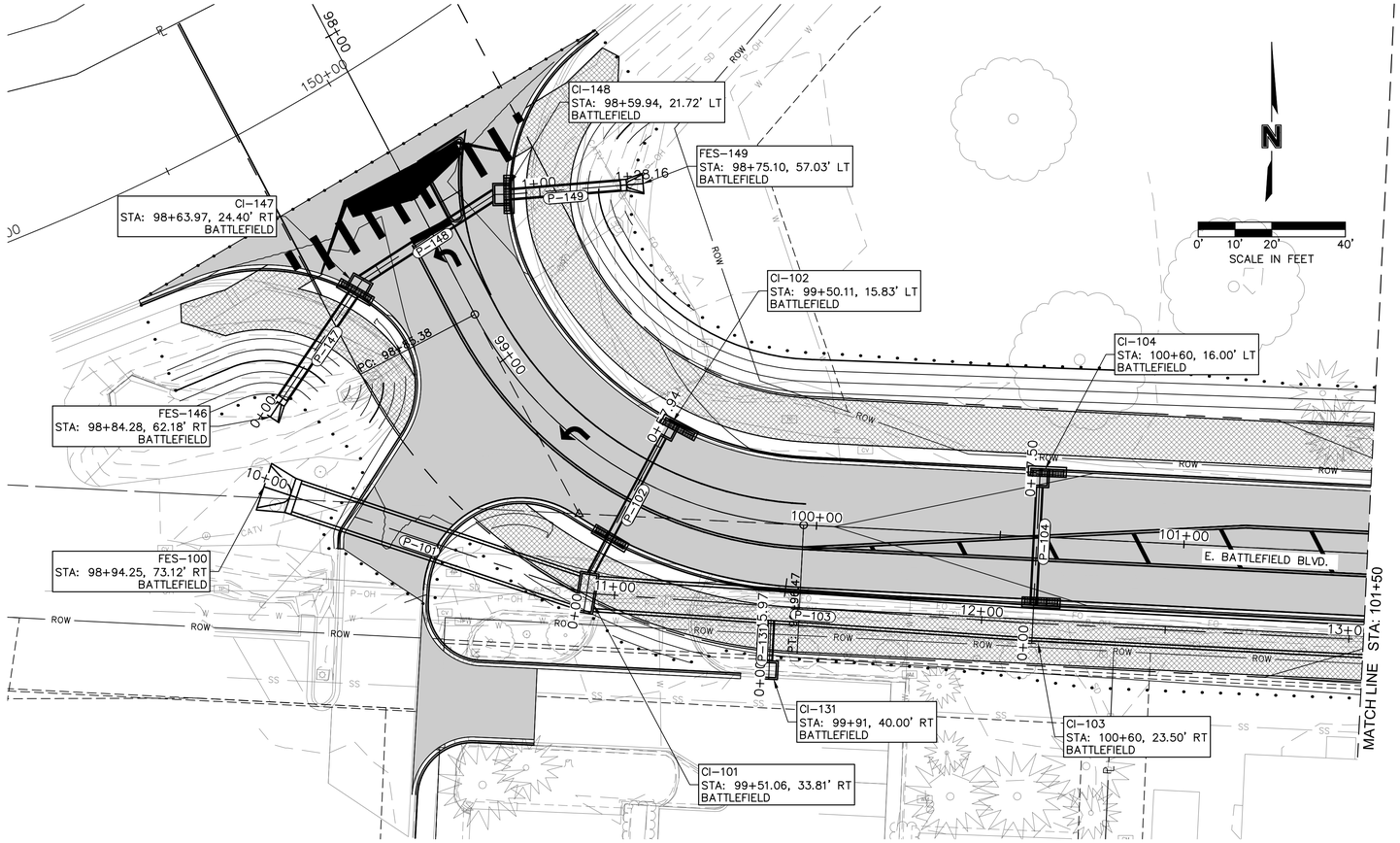

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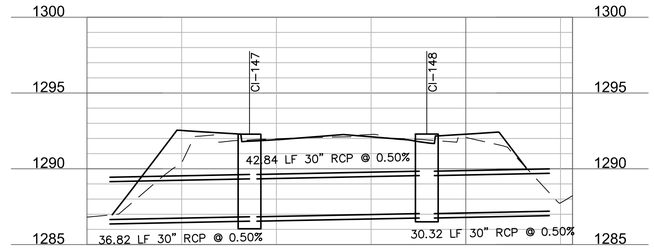

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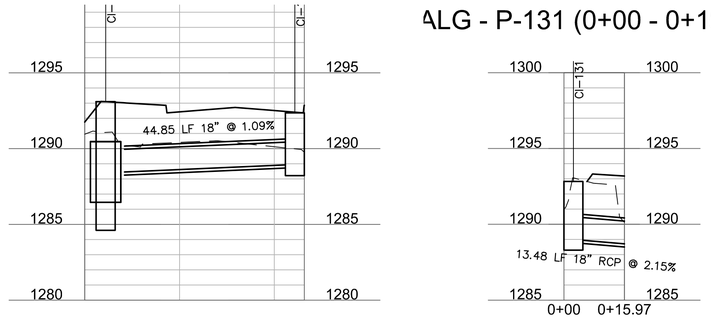
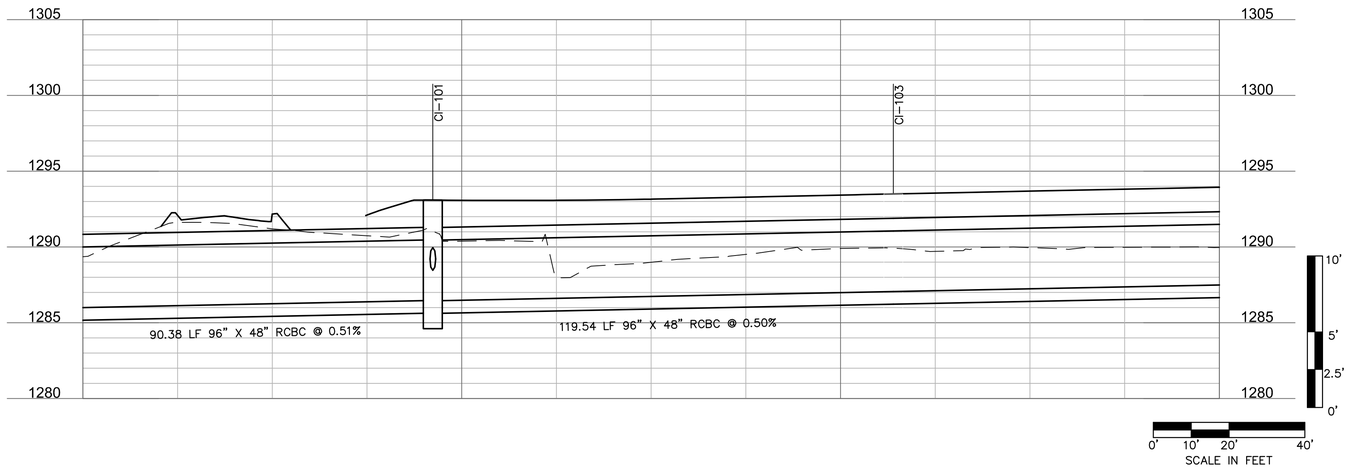


BATTLEFIELD - LINE 100 (10+00 - 13+00)



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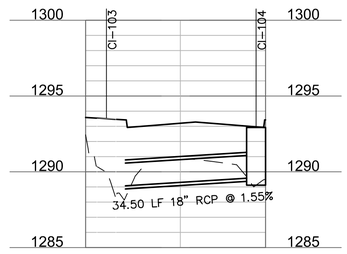

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REVISIONS

STORM DRAINAGE LAYOUT PLAN

E. BATTLEFIELD BOULEVARD IMPROVEMENTS

BENTONVILLE, AR

2022

drawn by: NS
checked by: AR
approved by: AR
QA/QC by: AR
project no.: I21-04210
drawing no.: T_STM_01_I2104210
date: 4/25/2022

SHEET
24 of 40

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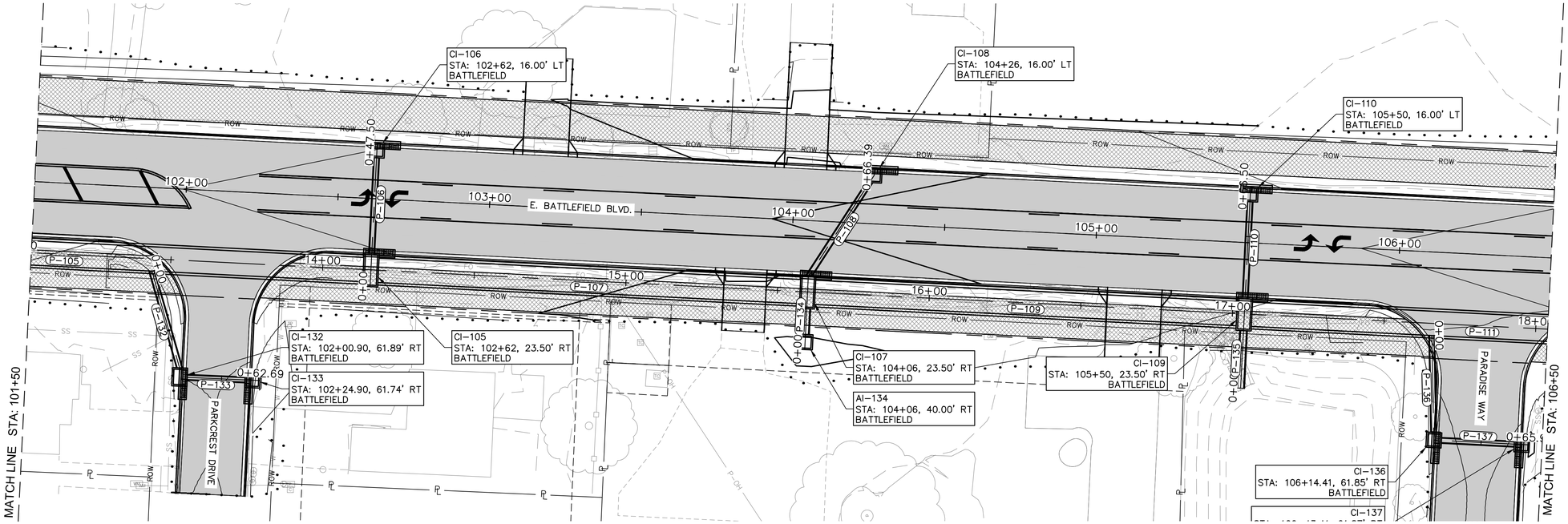
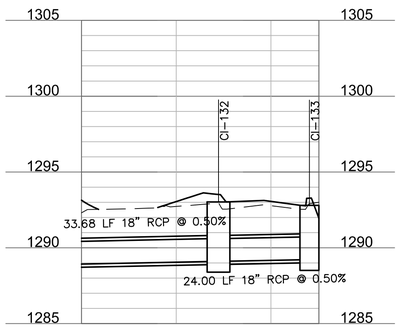


ALG - P-132 (0+00 - 0+62.69)



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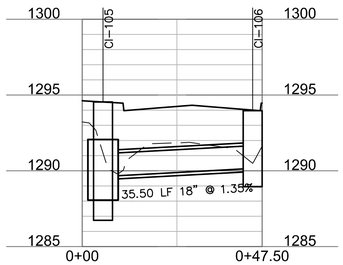

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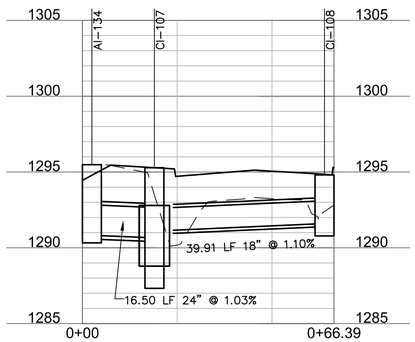

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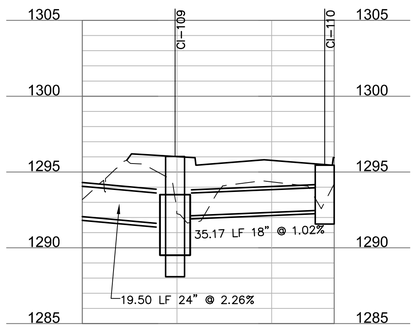

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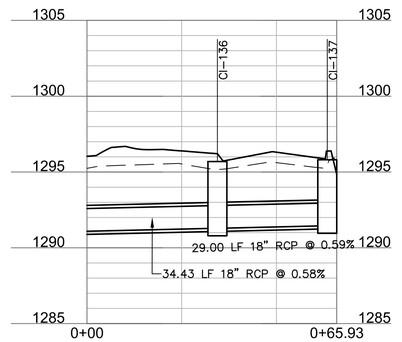
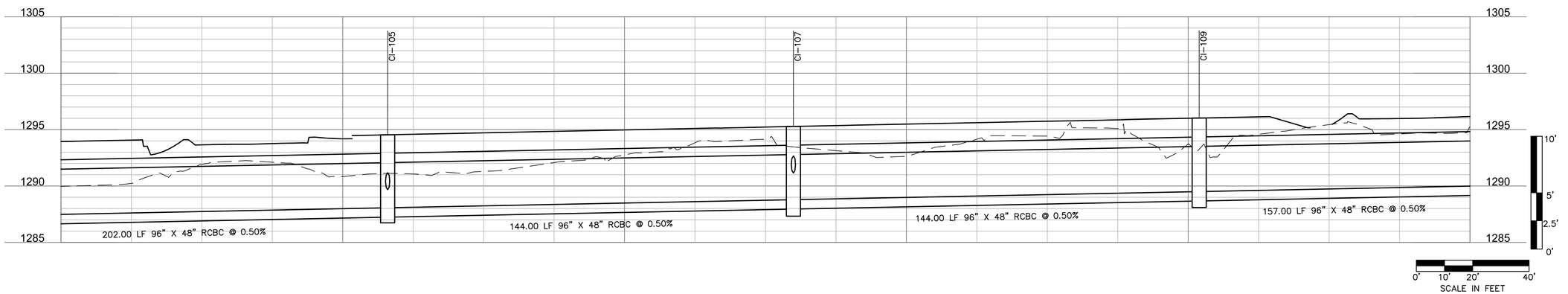


BATTLEFIELD - LINE 100 (13+00 - 18+00)



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REVISIONS

STORM DRAINAGE LAYOUT PLAN

E. BATTLEFIELD BOULEVARD IMPROVEMENTS

BENTONVILLE, AR

2022

drawn by: NS
checked by: AR
approved by: AR
QA/QC by: AR
project no.: I21-04210
drawing no.: T_STM_01_I2104210
date: 4/25/2022

SHEET
25 of 40

DWG: F:\2021\04001-04500\021-04210-I\40-Design\AutoCAD\Final Plans\Sheets\STORM DRAINAGE\T_STM_01_I2104210.dwg USER: nscoggs
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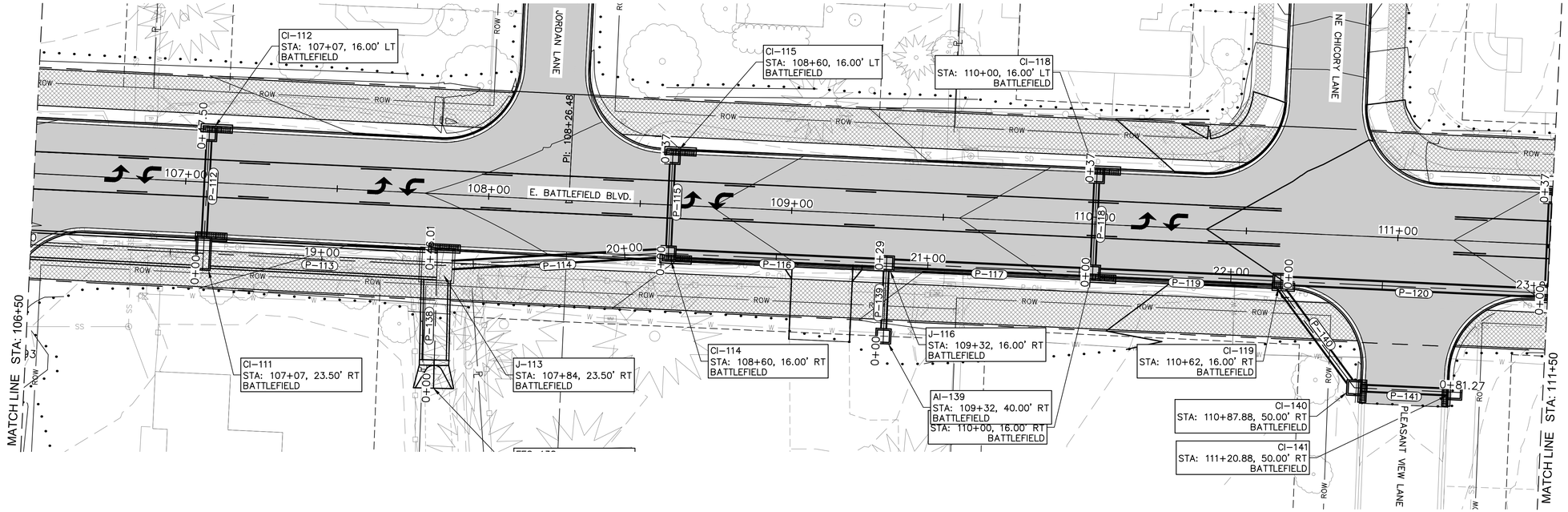
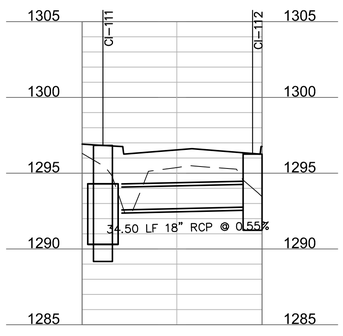


N

0' 10' 20' 40'
SCALE IN FEET

ALG - P-112 (0+00 - 0+47.50)



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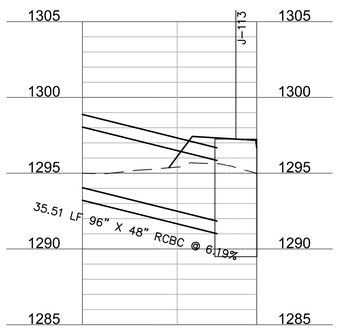

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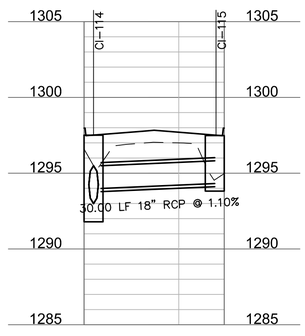

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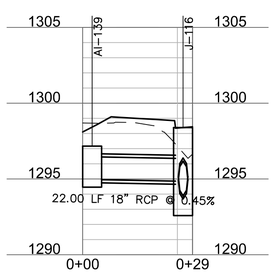

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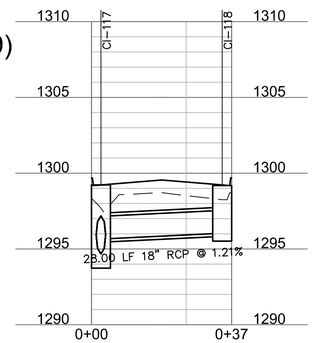

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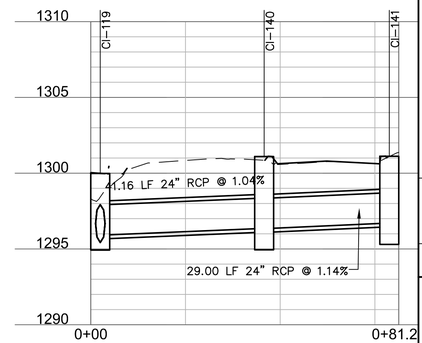

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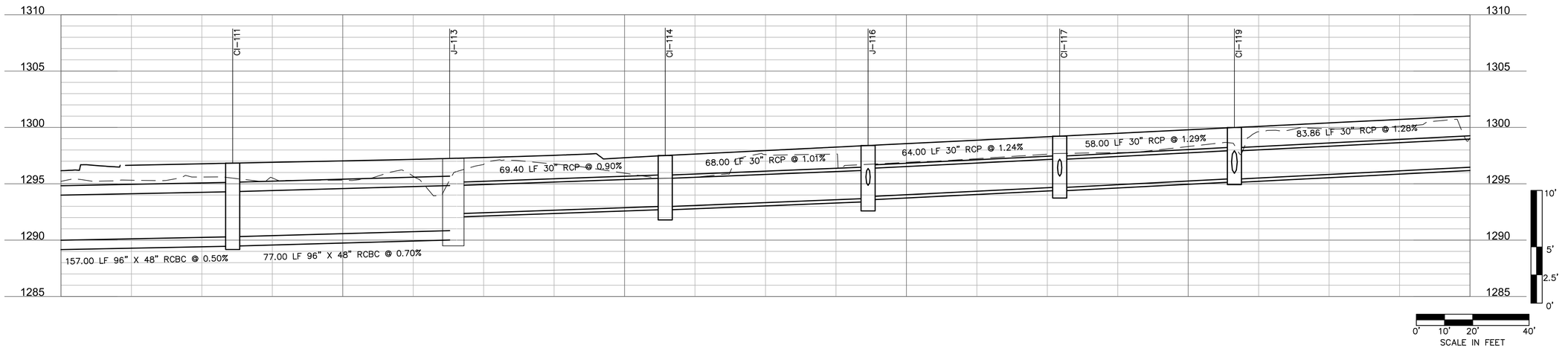

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STORM DRAINAGE LAYOUT PLAN

E. BATTLEFIELD BOULEVARD IMPROVEMENTS

BENTONVILLE, AR

2022

drawn by: NS
checked by: AR
approved by: AR
QA/QC by: AR
project no.: I21-04210
drawing no.: T_STM_01_I2104210
date: 4/25/2022

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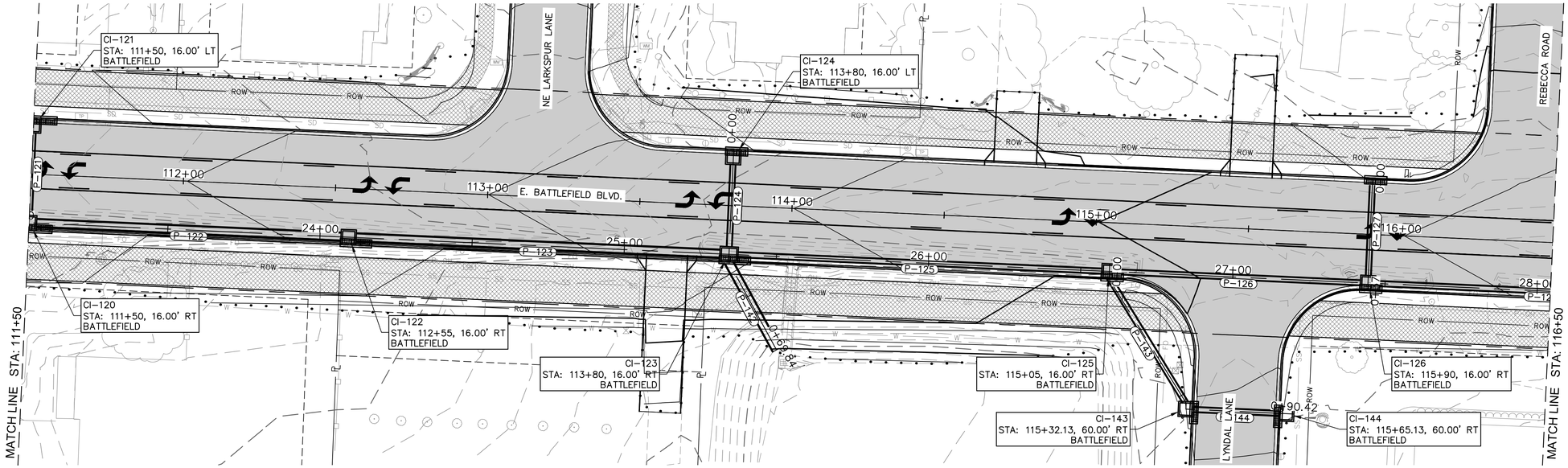

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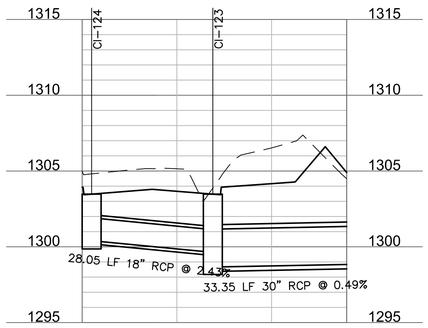

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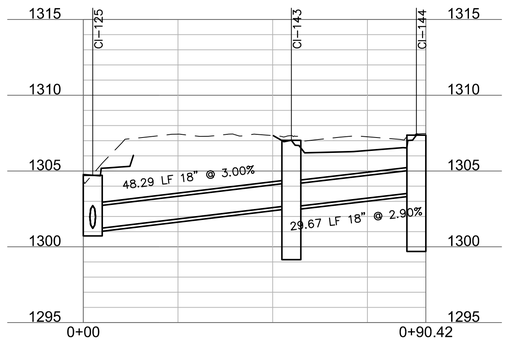
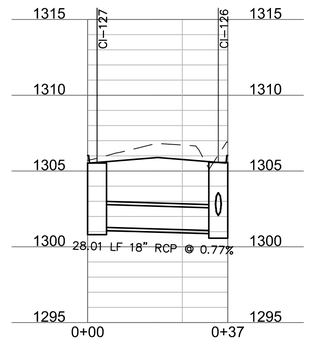
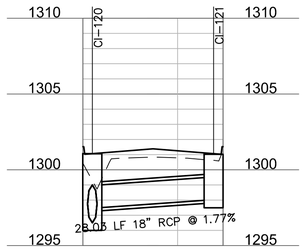


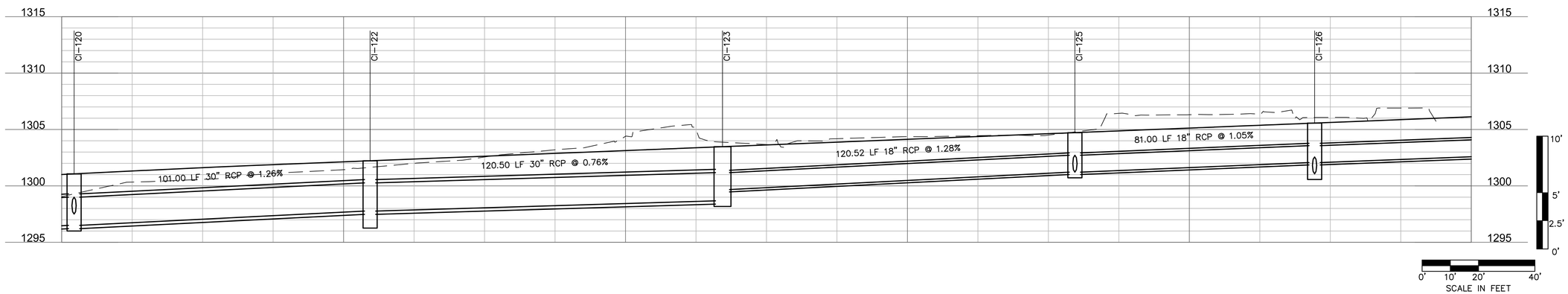
ALG - P-127 (0+00 - 0+37)



ALG - P-121 (0+00 - 0+37)



BATTLEFIELD - LINE 100 (23+00 - 28+00)



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REV. NO.	DATE	REVISIONS DESCRIPTION	BY
		REVISIONS	

STORM DRAINAGE LAYOUT PLAN

E. BATTLEFIELD BOULEVARD IMPROVEMENTS

BENTONVILLE, AR

2022

drawn by: NS
checked by: AR
approved by: AR
QA/QC by: AR
project no.: I21-04210
drawing no.: T_STM_02_I2104210
date: 4/25/2022

DWG: F:\2021\04001-04500\021-04210-I\40-Design\AutoCAD\Final Plans\Sheets\STORM DRAINAGE\T_STM_02_I2104210.dwg USER: nscoggs
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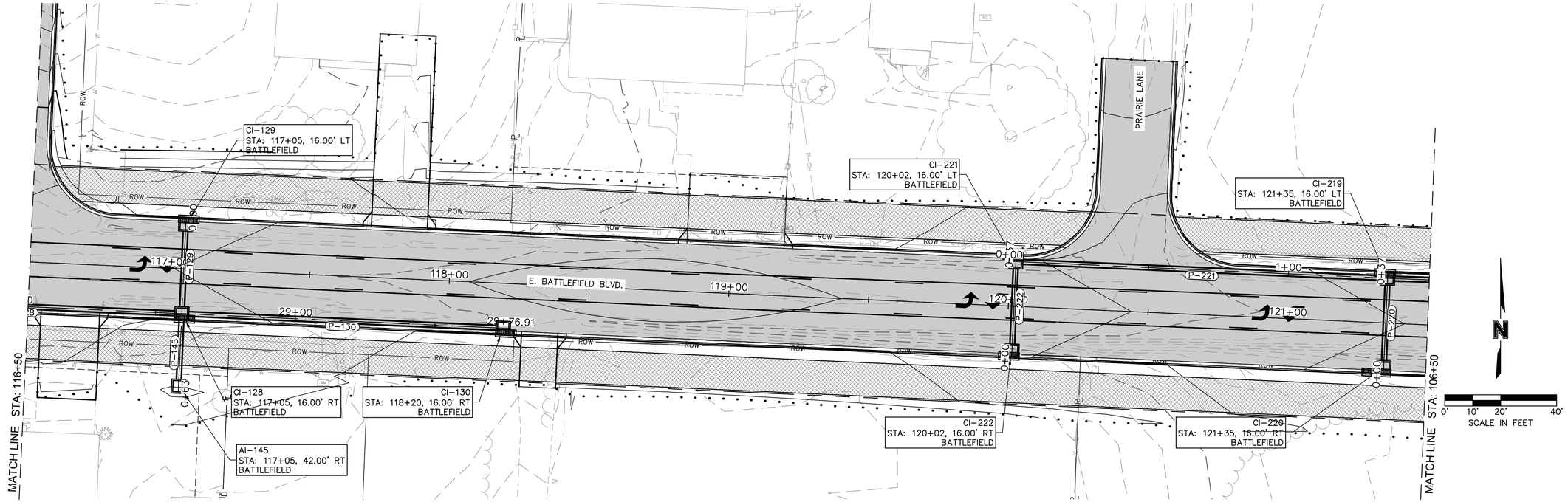
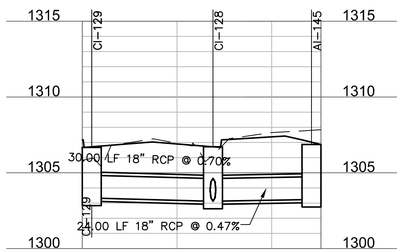


ALG - P-129 (0+00 - 0+63)



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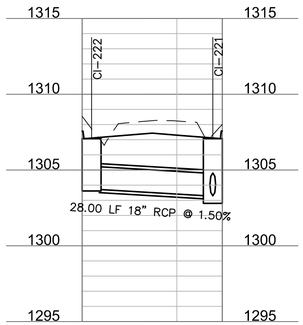

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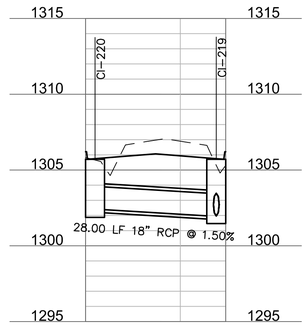
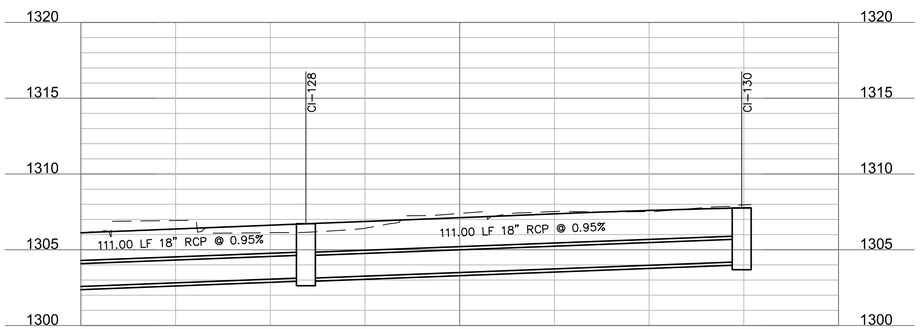
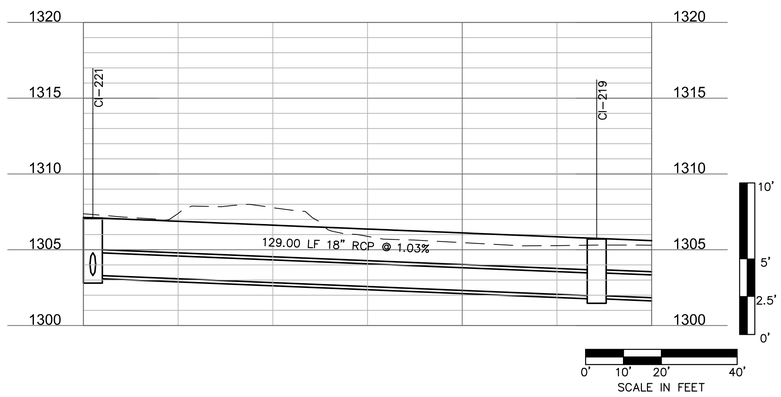


BATTLEFIELD - LINE 100 (28+00 - 30+00)



BATTLEFIELD - LINE 200 (0+00 - 1+50)



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E. BATTLEFIELD BOULEVARD IMPROVEMENTS

BENTONVILLE, AR

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drawing no.: T_STM_02_I2104210
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SHEET
28 of 40

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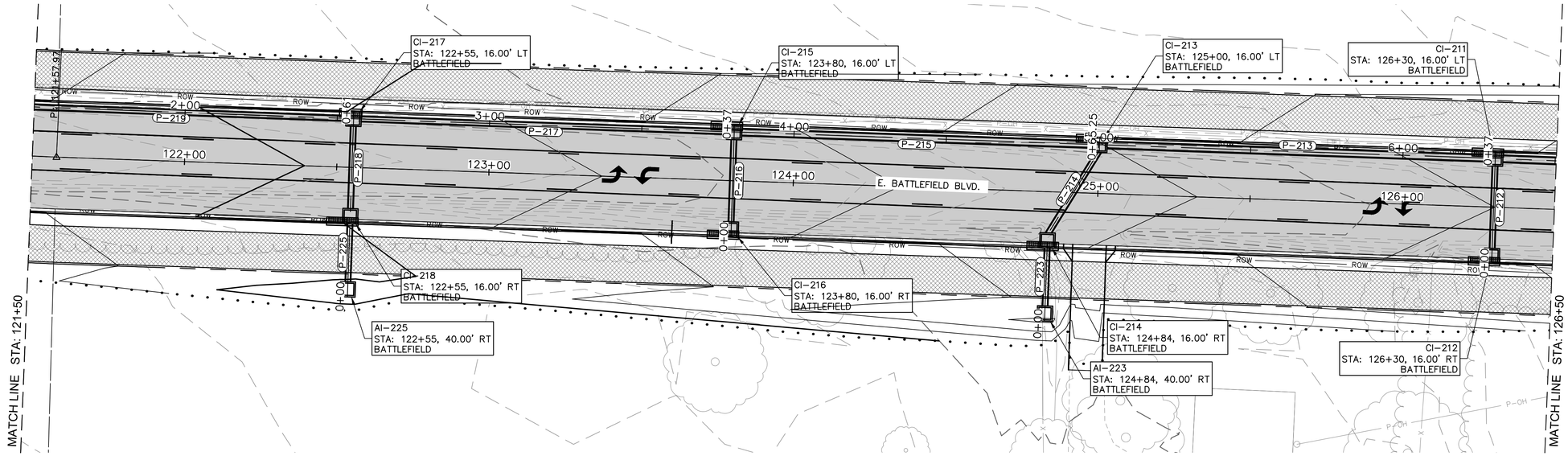
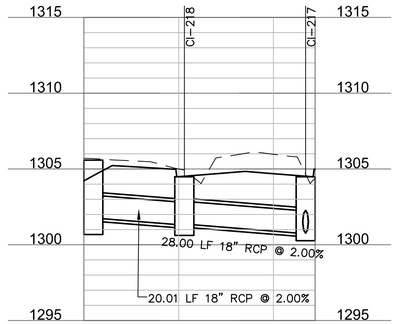
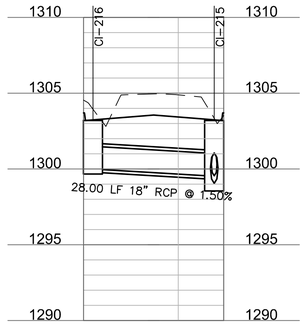


ALG - 218 (0+00 - 0+61)



ALG - P-216 (0+00 - 0+37)



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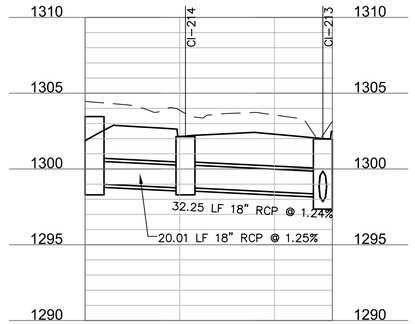

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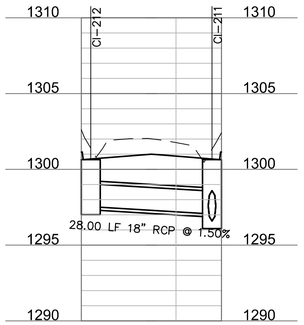
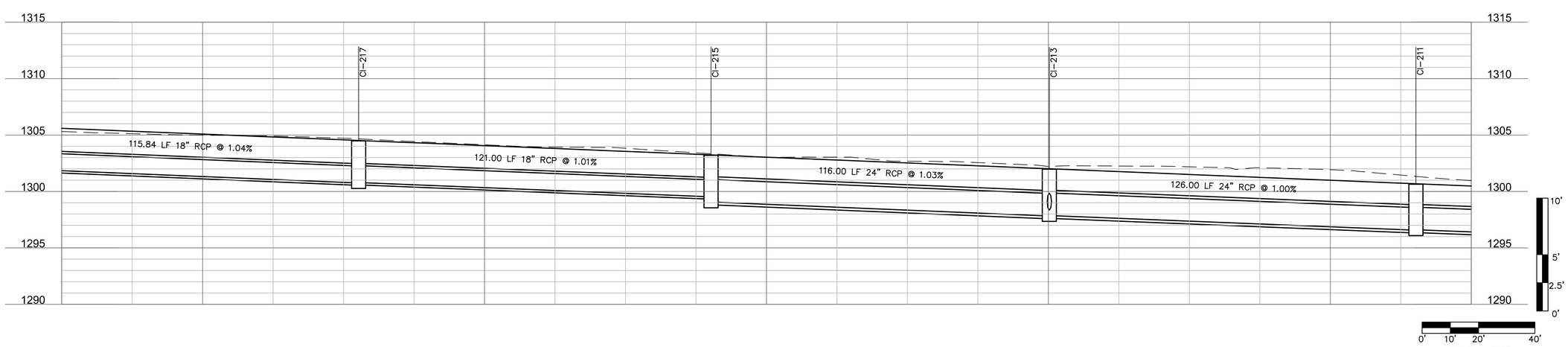


BATTLEFIELD - LINE 200 (1+50 - 6+50)



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E. BATTLEFIELD BOULEVARD IMPROVEMENTS

BENTONVILLE, AR

2022

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approved by: AR
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drawing no.: T_STM_02_I2104210
date: 4/25/2022

SHEET
29 of 40

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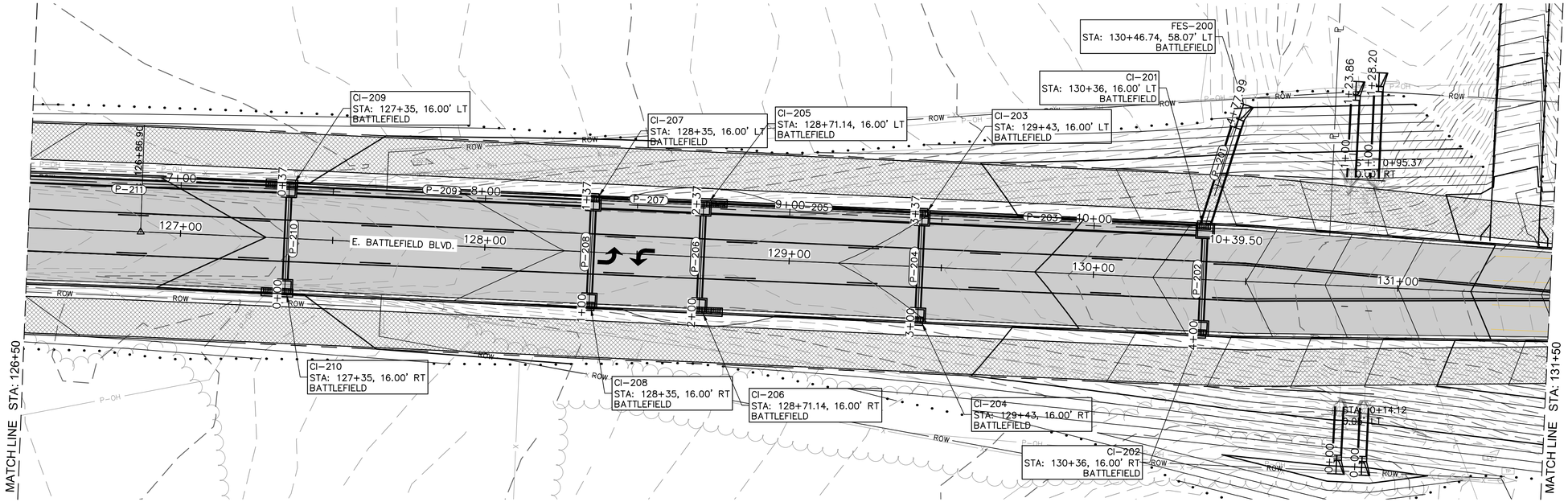

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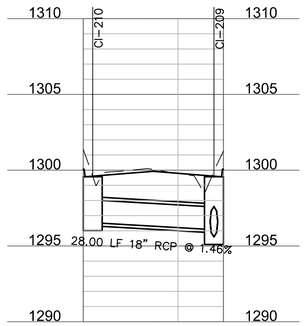

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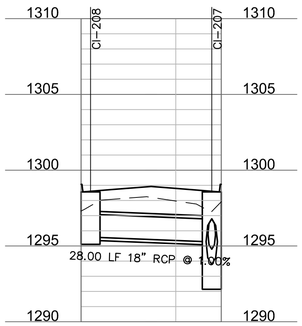
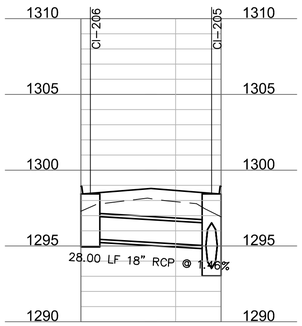


ALG - P-206 (2+00 - 2+37)



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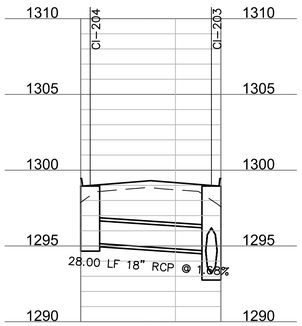
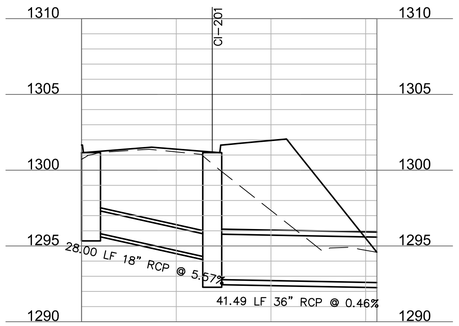
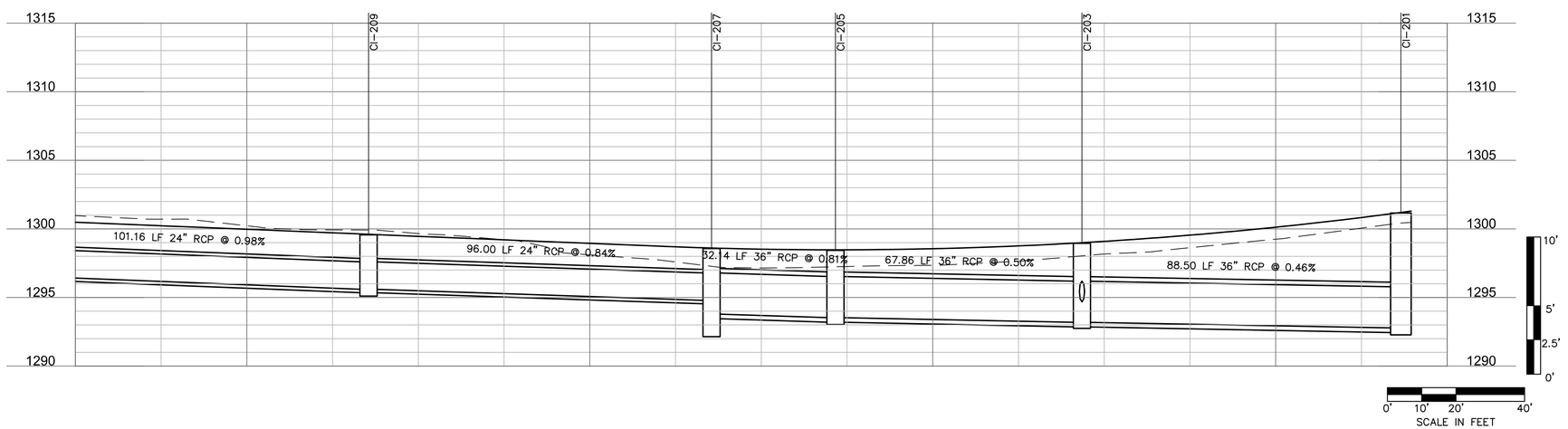


ALG - P-202 (4+00 - 4+77.99)



BATTLEFIELD - LINE 200 (6+50 - 10+50)



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STORM DRAINAGE LAYOUT PLAN

E. BATTLEFIELD BOULEVARD IMPROVEMENTS

BENTONVILLE, AR

2022

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project no.: I21-04210
drawing no.: T_STM_03_I2104210
date: 4/25/2022

SHEET
30 of 40

DWG: F:\2021\04001-04500\021-04210-I\40-Design\AutoCAD\Final Plans\Sheets\STORM DRAINAGE\T_STM_03_I2104210.dwg USER: nscaggs
DATE: Apr 25, 2022 3:11pm XREFS: T_BASE_I2104210 T_TLBK_I2104210 V_XTOPO_I2104210 V_XBNDY_I2104210 F_BASE_I2104210 T_PPATT_I2104210 T_STRM_I2104210

PIPES				
PIPE ID	2D LENGTH (LF) (INSIDE TO INSIDE)	DIAMETER AND MATERIAL	SLOPE	STRUCTURES AND INVERTS
P–101	90.92	96" X 48" RCBC	0.51%	START: CI–101 1286.46 END: FES–100 1286.00
P–102	42.84	18" RCP	1.09%	START: CI–102 1288.95 END: CI–101 1288.46
P–103	117.58	96" X 48" RCBC	0.50%	START: CI–103 1287.06 END: CI–101 1286.46
P–104	32.53	18" RCP	1.55%	START: CI–104 1289.61 END: CI–103 1289.08
P–105	198.05	96" X 48" RCBC	0.50%	START: CI–105 1288.07 END: CI–103 1287.06
P–106	32.53	18" RCP	1.35%	START: CI–106 1290.16 END: CI–105 1289.68
P–107	140.05	96" X 48" RCBC	0.50%	START: CI–107 1288.79 END: CI–105 1288.07
P–108	37.44	18" RCP	1.10%	START: CI–108 1291.60 END: CI–107 1291.16
P–109	140.05	96" X 48" RCBC	0.50%	START: CI–109 1289.51 END: CI–107 1288.79
P–110	32.52	18" RCP	1.02%	START: CI–110 1292.48 END: CI–109 1292.12
P–111	153.05	96" X 48" RCBC	0.50%	START: CI–111 1290.30 END: CI–109 1289.51
P–112	32.51	18" RCP	0.55%	START: CI–112 1292.77 END: CI–111 1292.58
P–113	73.07	96" X 48" RCBC	0.70%	START: J–113 1290.84 END: CI–111 1290.30
P–114	69.41	30" RCP	0.90%	START: CI–114 1292.99 END: J–113 1292.37
P–115	28.02	18" RCP	1.10%	START: CI–115 1294.32 END: CI–114 1293.99
P–116	68.03	30" RCP	1.01%	START: J–116 1293.68 END: CI–114 1292.99

PIPES				
PIPE ID	2D LENGTH (LF) (INSIDE TO INSIDE)	DIAMETER AND MATERIAL	SLOPE	STRUCTURES AND INVERTS
P–117	64.04	30" RCP	1.24%	START: CI–117 1294.68 END: J–116 1293.88
P–118	28.02	18" RCP	1.21%	START: CI–118 1296.02 END: CI–117 1295.68
P–119	58.04	30" RCP	1.29%	START: CI–119 1295.43 END: CI–117 1294.68
P–120	84.04	30" RCP	1.28%	START: CI–120 1296.50 END: CI–119 1295.43
P–121	28.03	18" RCP	1.77%	START: CI–121 1298.00 END: CI–120 1297.50
P–122	101.04	30" RCP	1.26%	START: CI–122 1297.77 END: CI–120 1296.50
P–123	120.52	30" RCP	0.76%	START: CI–123 1298.68 END: CI–122 1297.77
P–124	28.05	18" RCP	2.43%	START: CI–124 1300.36 END: CI–123 1299.68
P–125	120.52	18" RCP	1.28%	START: CI–125 1301.22 END: CI–123 1299.68
P–126	81.02	18" RCP	1.05%	START: CI–126 1302.07 END: CI–125 1301.22
P–127	28.01	18" RCP	0.77%	START: CI–127 1301.30 END: CI–126 1301.07
P–128	111.02	18" RCP	0.95%	START: CI–128 1303.13 END: CI–126 1302.07
P–129	28.01	18" RCP	0.70%	START: CI–129 1303.34 END: CI–128 1303.13
P–130	111.02	18" RCP	0.95%	START: CI–130 1304.19 END: CI–128 1303.13
P–131	11.50	18" RCP	2.15%	START: CI–131 1289.00 END: 1288.71
P–132	33.66	18" RCP	0.50%	START: CI–132 1289.10 END: 1288.93

PIPES				
PIPE ID	2D LENGTH (LF) (INSIDE TO INSIDE)	DIAMETER AND MATERIAL	SLOPE	STRUCTURES AND INVERTS
P–133	20.01	18" RCP	0.50%	START: CI–133 1289.22 END: CI–132 1289.10
P–134	9.53	24" RCP	1.03%	START: AI–134 1290.83 END: CI–107 1290.66
P–135	19.53	24" RCP	2.26%	START: 1292.06 END: CI–109 1291.62
P–136	32.43	18" RCP	0.58%	START: CI–136 1291.29 END: 1291.09
P–137	25.01	18" RCP	0.59%	START: CI–136 1291.29 END: CI–137 1291.46
P–138	36.11	96" X 48" RCBC	6.19%	START: FES–138 1294.04 END: J–113 1291.84
P–139	20.01	18" RCP	0.45%	START: AI–139 1294.96 END: J–116 1294.86
P–140	38.32	24" RCP	1.04%	START: CI–119 1295.93 END: CI–140 1296.36
P–141	29.03	24" RCP	1.14%	START: CI–141 1296.69 END: CI–140 1296.36
P–142	33.35	30" RCP	0.49%	START: 1298.84 END: CI–123 1298.68
P–143	48.13	18" RCP	3.00%	START: CI–143 1302.67 END: CI–125 1301.22
P–144	29.06	18" RCP	2.90%	START: CI–144 1303.53 END: CI–143 1302.67
P–145	22.01	18" RCP	0.47%	START: AI–145 1303.24 END: CI–128 1303.13
P–147	34.82	30" RCP	0.50%	START: CI–147 1286.83 END: FES–146 1286.65
P–148	42.69	30" RCP	0.50%	START: CI–148 1287.05 END: CI–147 1286.83
P–149	30.32	30" RCP	0.50%	START: FES–149 1287.20 END: CI–148 1287.05

PIPES				
PIPE ID	2D LENGTH (LF) (INSIDE TO INSIDE)	DIAMETER AND MATERIAL	SLOPE	STRUCTURES AND INVERTS
P–201	41.48	36" RCP	0.46%	START: CI–201 1292.78 END: FES–200 1292.59
P–202	28.11	18" RCP	5.57%	START: CI–202 1295.84 END: CI–201 1294.28
P–203	88.52	36" RCP	0.46%	START: CI–203 1293.19 END: CI–201 1292.78
P–204	28.03	18" RCP	1.68%	START: CI–204 1295.16 END: CI–203 1294.69
P–205	67.88	36" RCP	0.50%	START: CI–205 1293.53 END: CI–203 1293.19
P–206	28.03	18" RCP	1.46%	START: CI–206 1295.44 END: CI–205 1295.03
P–207	32.17	36" RCP	0.81%	START: CI–207 1293.79 END: CI–205 1293.53
P–208	28.02	18" RCP	1.00%	START: CI–208 1295.57 END: CI–207 1295.29
P–209	96.02	24" RCP	0.84%	START: CI–209 1295.60 END: CI–207 1294.79
P–210	28.03	18" RCP	1.46%	START: CI–209 1296.10 END: CI–210 1296.51
P–211	101.19	24" RCP	0.98%	START: CI–209 1295.60 END: CI–211 1296.59
P–212	28.03	18" RCP	1.50%	START: CI–211 1297.09 END: CI–212 1297.51
P–213	126.02	24" RCP	1.00%	START: CI–213 1297.85 END: CI–211 1296.59
P–214	32.12	18" RCP	1.24%	START: CI–214 1298.75 END: CI–213 1298.35
P–215	116.03	24" RCP	1.03%	START: CI–213 1297.85 END: CI–215 1299.05

PIPES				
PIPE ID	2D LENGTH (LF) (INSIDE TO INSIDE)	DIAMETER AND MATERIAL	SLOPE	STRUCTURES AND INVERTS
P–216	28.03	18" RCP	1.50%	START: CI–215 1299.55 END: CI–216 1299.97
P–217	121.02	18" RCP	1.01%	START: CI–215 1299.55 END: CI–217 1300.77
P–218	28.04	18" RCP	2.00%	START: CI–217 1300.77 END: CI–218 1301.33
P–219	115.86	18" RCP	1.04%	START: CI–217 1300.77 END: CI–219 1301.97
P–220	28.03	18" RCP	1.50%	START: CI–219 1301.97 END: CI–220 1302.39
P–221	129.02	18" RCP	1.03%	START: CI–219 1301.97 END: CI–221 1303.30
P–222	28.03	18" RCP	1.50%	START: CI–221 1303.30 END: CI–222 1303.72
P–223	20.02	18" RCP	1.25%	START: AI–223 1299.00 END: CI–214 1298.75
P–225	20.04	18" RCP	2.00%	START: AI–225 1301.73 END: CI–218 1301.33

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DWG: F:\2021\04001-04500\021-04210-I\40-Design\AutoCAD\Final Plans\Sheets\STORM DRAINAGE\T_STM_03_I2104210.dwg USER: nscaggs
DATE: Apr 25, 2022 3:11pm XREFS: T_BASE_I2104210 T_TLBK_I2104210 V_XTOPO_I2104210 V_XBNDY_I2104210
F_BASE_I2104210 BRIDGE LAYOUT_021-04210-I T_PPATT_I2104210 T_STRM_I2104210

STORM DRAINAGE STRUCTURES			
ID	DESC.	TOP ELEVATION @ CENTER OF BOX	INVERT
AI–134	4' X 4' – SS–1 JUNCTION BOX	1295.49	INV. OUT= 1290.83 (24" RCP)
AI–139	4' X 4' – SS–1 JUNCTION BOX	1297.17	INV. OUT= 1294.96 (18" RCP)
AI–145	4' X 4' – SS–1 JUNCTION BOX	1306.87	INV. OUT= 1303.24 (18" RCP)
CI–101	4' X 10' JUNCTION BOX / INLET	1293.09	INV. IN= 1286.46 (96" X 48" RCBC) INV. IN= 1288.46 (18" RCP) INV. OUT= 1286.46 (96" X 48" RCBC)
CI–102	4' X 4' – SS–1 JUNCTION BOX	1292.36	INV. OUT= 1288.95 (18" RCP)
CI–103	4' X 10' JUNCTION BOX / INLET	1293.50	INV. IN= 1289.08 (18" RCP) INV. IN= 1287.06 (96" X 48" RCBC) INV. OUT= 1287.06 (96" X 48" RCBC)
CI–104	4' X 4' – SS–1 JUNCTION BOX	1292.92	INV. OUT= 1289.61 (18" RCP)
CI–105	4' X 10' JUNCTION BOX / INLET	1294.54	INV. IN= 1288.07 (96" X 48" RCBC) INV. IN= 1289.68 (18" RCP) INV. OUT= 1288.07 (96" X 48" RCBC)
CI–106	4' X 4' – SS–1 JUNCTION BOX	1293.96	INV. OUT= 1290.16 (18" RCP)
CI–107	4' X 10' JUNCTION BOX / INLET	1295.28	INV. IN= 1288.79 (96" X 48" RCBC) INV. IN= 1290.66 (24" RCP) INV. IN= 1291.16 (18" RCP) INV. OUT= 1288.79 (96" X 48" RCBC)
CI–108	4' X 4' – SS–1 JUNCTION BOX	1294.81	INV. OUT= 1291.60 (18" RCP)
CI–109	4' X 10' JUNCTION BOX / INLET	1296.02	INV. IN= 1289.51 (96" X 48" RCBC) INV. IN= 1291.62 (24" RCP) INV. IN= 1292.12 (18" RCP) INV. OUT= 1289.51 (96" X 48" RCBC)
CI–110	4' X 4' – SS–1 JUNCTION BOX	1295.45	INV. OUT= 1292.48 (18" RCP)
CI–111	4' X 10' JUNCTION BOX / INLET	1296.83	INV. IN= 1290.30 (96" X 48" RCBC) INV. IN= 1292.58 (18" RCP) INV. OUT= 1290.30 (96" X 48" RCBC)
CI–112	4' X 4' – SS–1 JUNCTION BOX	1296.26	INV. OUT= 1292.77 (18" RCP)
CI–114	4' X 4' – SS–1 JUNCTION BOX	1297.51	INV. IN= 1292.99 (30" RCP) INV. IN= 1293.99 (18" RCP) INV. OUT= 1292.99 (30" RCP)

STORM DRAINAGE STRUCTURES			
ID	DESC.	TOP ELEVATION @ CENTER OF BOX	INVERT
CI–115	4' X 4' – SS–1 JUNCTION BOX	1297.48	INV. OUT= 1294.32 (18" RCP)
CI–117	4' X 4' – SS–1 JUNCTION BOX	1299.23	INV. IN= 1294.68 (30" RCP) INV. IN= 1295.68 (18" RCP) INV. OUT= 1294.68 (30" RCP)
CI–118	4' X 4' – SS–1 JUNCTION BOX	1299.19	INV. OUT= 1296.02 (18" RCP)
CI–119	4' X 4' – SS–1 JUNCTION BOX	1299.99	INV. IN= 1295.43 (30" RCP) INV. IN= 1295.93 (24" RCP) INV. OUT= 1295.43 (30" RCP)
CI–120	4' X 4' – SS–1 JUNCTION BOX	1301.07	INV. IN= 1297.50 (18" RCP) INV. IN= 1296.50 (30" RCP) INV. OUT= 1296.50 (30" RCP)
CI–121	4' X 4' – SS–1 JUNCTION BOX	1301.03	INV. OUT= 1298.00 (18" RCP)
CI–122	4' X 4' – SS–1 JUNCTION BOX	1302.23	INV. IN= 1297.77 (30" RCP) INV. OUT= 1297.77 (30" RCP)
CI–123	4' X 5' – JUNCTION BOX	1303.47	INV. IN= 1299.68 (18" RCP) INV. IN= 1298.68 (30" RCP) INV. IN= 1299.68 (18" RCP) INV. OUT= 1298.68 (30" RCP)
CI–124	4' X 4' – SS–1 JUNCTION BOX	1303.47	INV. OUT= 1300.36 (18" RCP)
CI–125	4' X 4' – SS–1 JUNCTION BOX	1304.72	INV. IN= 1301.22 (18" RCP) INV. IN= 1301.22 (18" RCP) INV. OUT= 1301.22 (18" RCP)
CI–126	4' X 4' – SS–1 JUNCTION BOX	1305.57	INV. IN= 1301.07 (18" RCP) INV. IN= 1302.07 (18" RCP) INV. OUT= 1302.07 (18" RCP)
CI–127	4' X 4' – SS–1 JUNCTION BOX	1305.53	INV. OUT= 1301.30 (18" RCP)
CI–128	4' X 4' – SS–1 JUNCTION BOX	1306.71	INV. IN= 1303.13 (18" RCP) INV. IN= 1303.13 (18" RCP) INV. IN= 1303.13 (18" RCP) INV. OUT= 1303.13 (18" RCP)
CI–129	4' X 4' – SS–1 JUNCTION BOX	1306.67	INV. OUT= 1303.34 (18" RCP)
CI–130	4' X 4' – SS–1 JUNCTION BOX	1307.76	INV. OUT= 1304.19 (18" RCP)
CI–131	4' X 4' – SS–1 JUNCTION BOX	1292.82	INV. OUT= 1289.00 (18" RCP)

STORM DRAINAGE STRUCTURES			
ID	DESC.	TOP ELEVATION @ CENTER OF BOX	INVERT
CI–132	4' X 5' – JUNCTION BOX	1293.02	INV. IN= 1289.10 (18" RCP) INV. OUT= 1289.10 (18" RCP)
CI–133	4' X 4' – SS–1 JUNCTION BOX	1292.80	INV. OUT= 1289.22 (18" RCP)
CI–136	4' X 4' – SS–1 JUNCTION BOX	1295.69	INV. IN= 1291.29 (18" RCP) INV. OUT= 1291.29 (18" RCP)
CI–137	4' X 4' – SS–1 JUNCTION BOX	1295.81	INV. OUT= 1291.46 (18" RCP)
CI–140	4' X 4' – SS–1 JUNCTION BOX	1301.10	INV. IN= 1296.36 (24" RCP) INV. OUT= 1296.36 (24" RCP)
CI–141	4' X 4' – SS–1 JUNCTION BOX	1301.11	INV. OUT= 1296.69 (24" RCP)
CI–143	4' X 4' – SS–1 JUNCTION BOX	1307.03	INV. IN= 1302.67 (18" RCP) INV. OUT= 1302.67 (18" RCP)
CI–144	4' X 4' – SS–1 JUNCTION BOX	1307.37	INV. OUT= 1303.53 (18" RCP)
CI–147	4' X 5' – JUNCTION BOX	1292.29	INV. IN= 1286.83 (30" RCP) INV. OUT= 1286.83 (30" RCP)
CI–148	4' X 5' – JUNCTION BOX	1292.29	INV. IN= 1287.05 (30" RCP) INV. OUT= 1287.05 (30" RCP)
FES–100	84" FES	1292.00	INV. IN= 1286.00 (96" X 48" RCBC)
FES–138	84" FES	1298.96	INV. OUT= 1294.04 (96" X 48" RCBC)
FES–146	30" FES	1289.52	INV. IN= 1286.65 (30" RCP)
J–113	4' X 10' JUNCTION BOX / INLET	1297.25	INV. IN= 1291.84 (96" X 48" RCBC) INV. IN= 1292.37 (30" RCP) INV. OUT= 1290.84 (96" X 48" RCBC)
J–116	4' X 4' – SS–1 JUNCTION BOX	1298.39	INV. IN= 1293.88 (30" RCP) INV. IN= 1294.86 (18" RCP) INV. OUT= 1293.68 (30" RCP)

STORM DRAINAGE STRUCTURES			
ID	DESC.	TOP ELEVATION @ CENTER OF BOX	INVERT
AI–223	4' X 4' AREA INLET	1303.46	INV. OUT= 1299.00 (18" RCP)
AI–225	4' X 4' AREA INLET	1305.59	INV. OUT= 1301.73 (18" RCP)
CI–201	4' X 5' – JUNCTION BOX	1301.16	INV. IN= 1294.28 (18" RCP) INV. IN= 1292.78 (36" RCP) INV. OUT= 1292.78 (36" RCP)
CI–202	4' X 4' – SS–1 JUNCTION BOX	1301.16	INV. OUT= 1295.84 (18" RCP)
CI–203	4' X 4' – SS–1 JUNCTION BOX	1298.95	INV. IN= 1293.19 (36" RCP) INV. IN= 1294.69 (18" RCP) INV. OUT= 1293.19 (36" RCP)
CI–204	4' X 4' – SS–1 JUNCTION BOX	1298.95	INV. OUT= 1295.16 (18" RCP)
CI–205	4' X 4' – SS–1 JUNCTION BOX	1298.44	INV. IN= 1295.03 (18" RCP) INV. IN= 1293.53 (36" RCP) INV. OUT= 1293.53 (36" RCP)
CI–206	4' X 4' – SS–1 JUNCTION BOX	1298.44	INV. OUT= 1295.44 (18" RCP)
CI–207	4' X 4' – SS–1 JUNCTION BOX	1298.57	INV. IN= 1294.79 (24" RCP) INV. IN= 1295.29 (18" RCP) INV. OUT= 1293.79 (36" RCP)
CI–208	4' X 4' – SS–1 JUNCTION BOX	1298.57	INV. OUT= 1295.57 (18" RCP)
CI–209	4' X 4' – SS–1 JUNCTION BOX	1299.57	INV. IN= 1296.10 (18" RCP) INV. IN= 1295.60 (24" RCP) INV. OUT= 1295.60 (24" RCP)
CI–210	4' X 4' – SS–1 JUNCTION BOX	1299.57	INV. OUT= 1296.51 (18" RCP)
CI–211	4' X 4' – SS–1 JUNCTION BOX	1300.64	INV. IN= 1297.09 (18" RCP) INV. IN= 1296.59 (24" RCP) INV. OUT= 1296.59 (24" RCP)
CI–212	4' X 4' – SS–1 JUNCTION BOX	1300.64	INV. OUT= 1297.51 (18" RCP)

STORM DRAINAGE STRUCTURES			
ID	DESC.	TOP ELEVATION @ CENTER OF BOX	INVERT
CI–213	4' X 4' – SS–1 JUNCTION BOX	1301.97	INV. IN= 1298.35 (18" RCP) INV. IN= 1297.85 (24" RCP) INV. OUT= 1297.85 (24" RCP)
CI–214	4' X 4' – SS–1 JUNCTION BOX	1302.14	INV. IN= 1298.75 (18" RCP) INV. OUT= 1298.75 (18" RCP)
CI–215	4' X 4' – SS–1 JUNCTION BOX	1303.20	INV. IN= 1299.55 (18" RCP) INV. IN= 1299.55 (18" RCP) INV. OUT= 1299.05 (24" RCP)
CI–216	4' X 4' – SS–1 JUNCTION BOX	1303.20	INV. OUT= 1299.97 (18" RCP)
CI–217	4' X 4' – SS–1 JUNCTION BOX	1304.48	INV. IN= 1300.77 (18" RCP) INV. IN= 1300.77 (18" RCP) INV. OUT= 1300.77 (18" RCP)
CI–218	4' X 4' – SS–1 JUNCTION BOX	1304.48	INV. IN= 1301.33 (18" RCP) INV. OUT= 1301.33 (18" RCP)
CI–219	4' X 4' – SS–1 JUNCTION BOX	1305.71	INV. IN= 1301.97 (18" RCP) INV. IN= 1301.97 (18" RCP) INV. OUT= 1301.97 (18" RCP)
CI–220	4' X 4' – SS–1 JUNCTION BOX	1305.71	INV. OUT= 1302.39 (18" RCP)
CI–221	4' X 4' – SS–1 JUNCTION BOX	1307.07	INV. IN= 1303.30 (18" RCP) INV. OUT= 1303.30 (18" RCP)
CI–222	4' X 4' – SS–1 JUNCTION BOX	1307.07	INV. OUT= 1303.72 (18" RCP)
FES–200	36" FES	1296.01	INV. IN= 1292.59 (36" RCP)

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STORM DRAINAGE STRUCTURES

E. BATTLEFIELD BOULEVARD IMPROVEMENTS

BENTONVILLE, AR

2022

drawn by: NS
checked by: AR
approved by: AR
QA/QC by: AR
project no.: I21-04210
drawing no.: T_STM_03_I2104210
date: 4/25/2022

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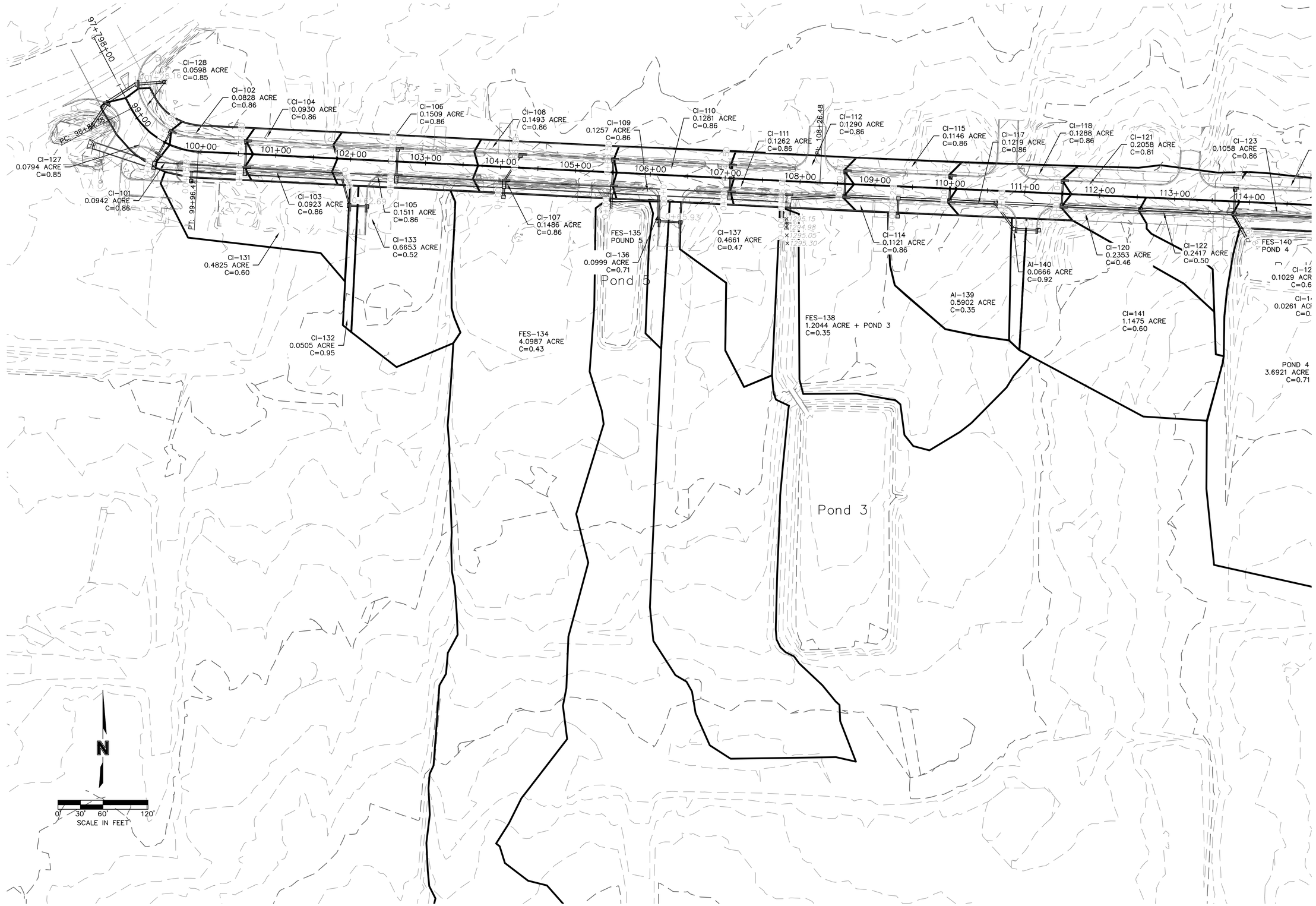

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DRAINAGE AREA MAP

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2022

BENTONVILLE, AR

drawn by: JS
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approved by: CBB
QA/QC by:
project no.: I21-04210
drawing no.: T_DRN_I2104210
date: 4/25/2022

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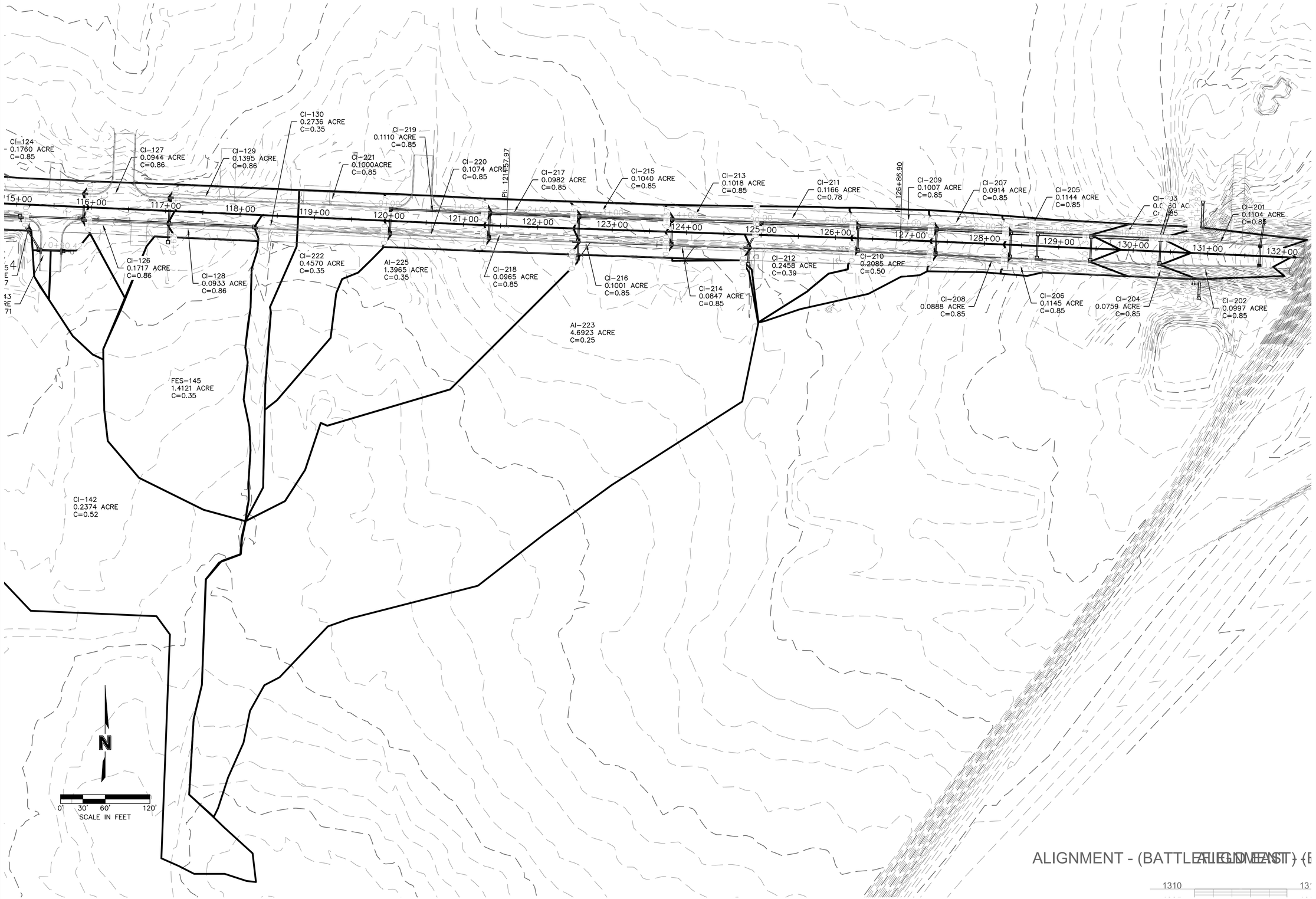

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DRAINAGE AREA MAP

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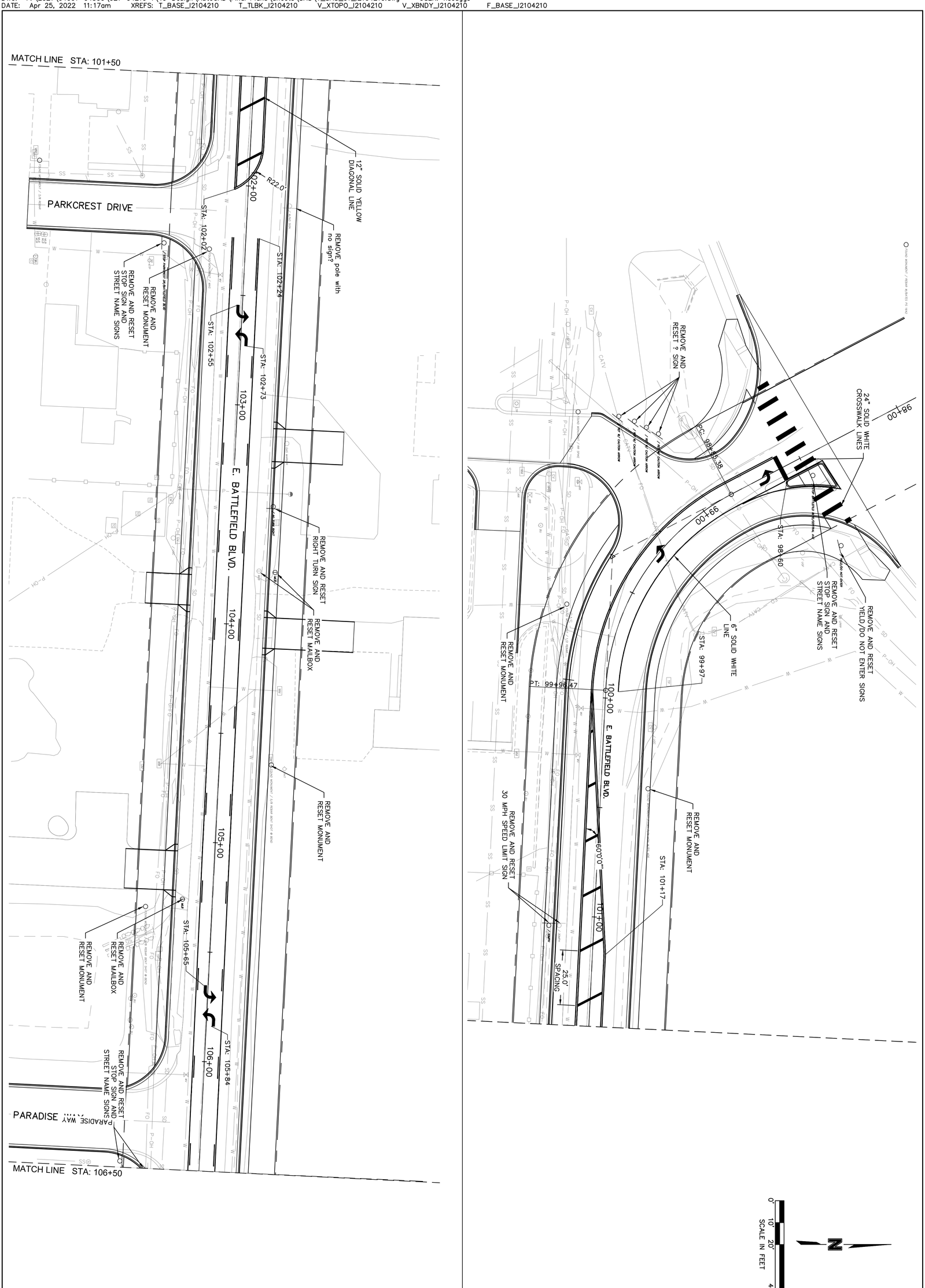

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QC'd by: CRB
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drawing no.: T_SAS_01_I2104210
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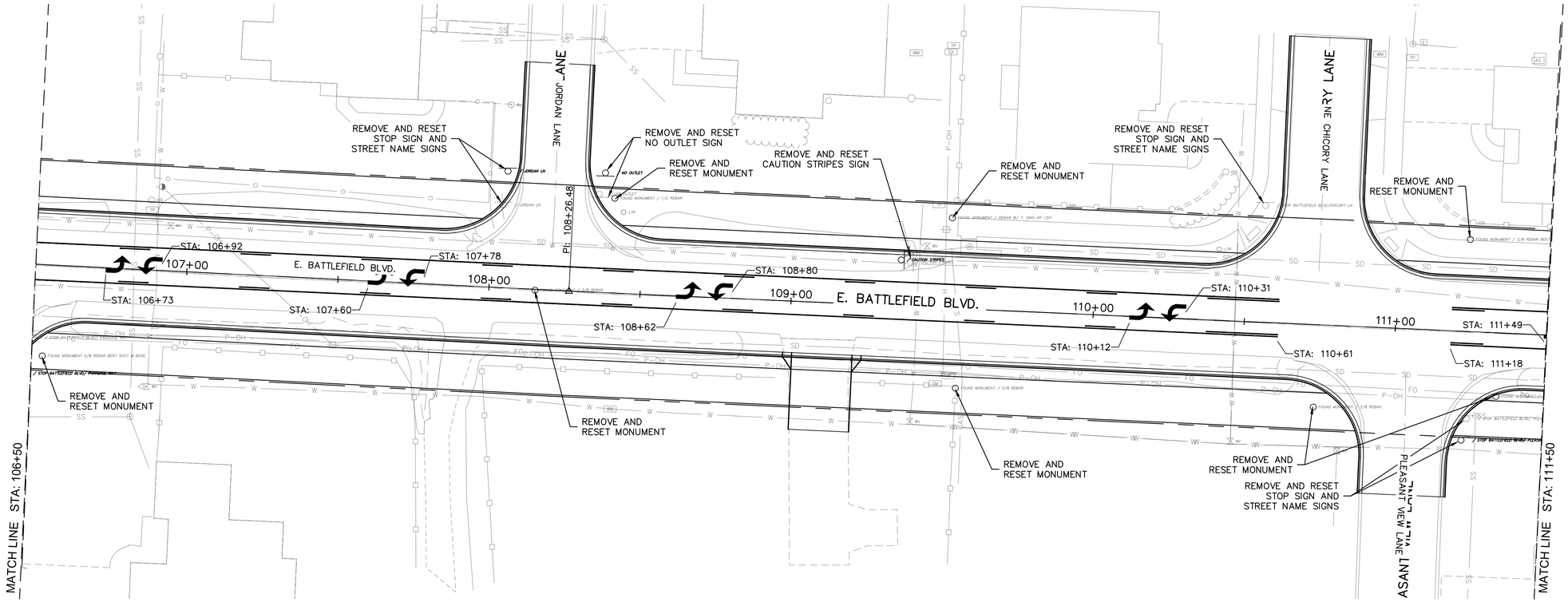

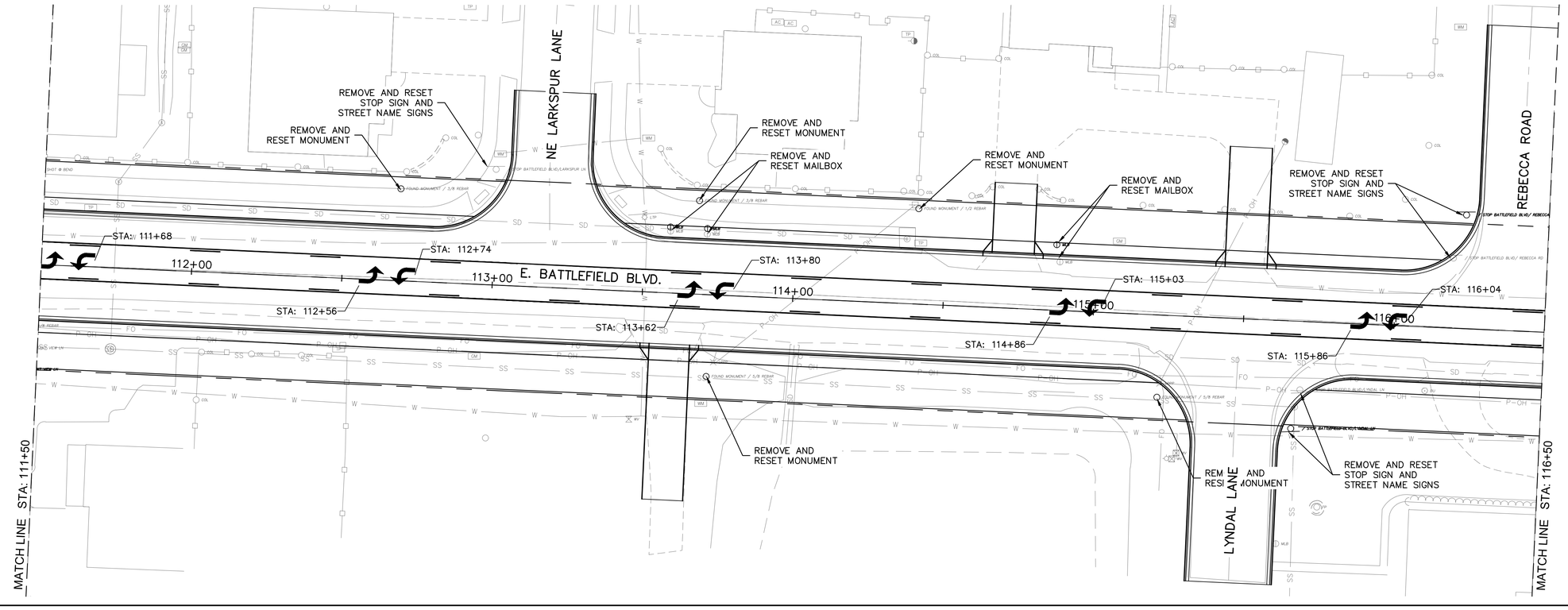

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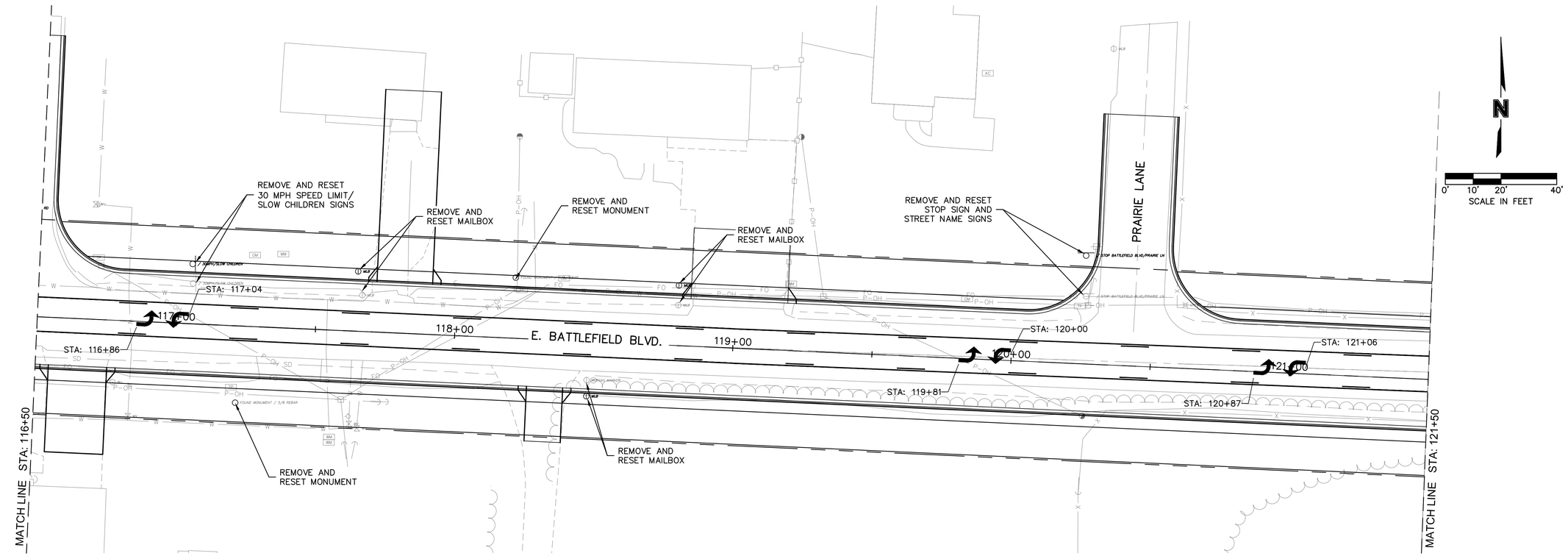

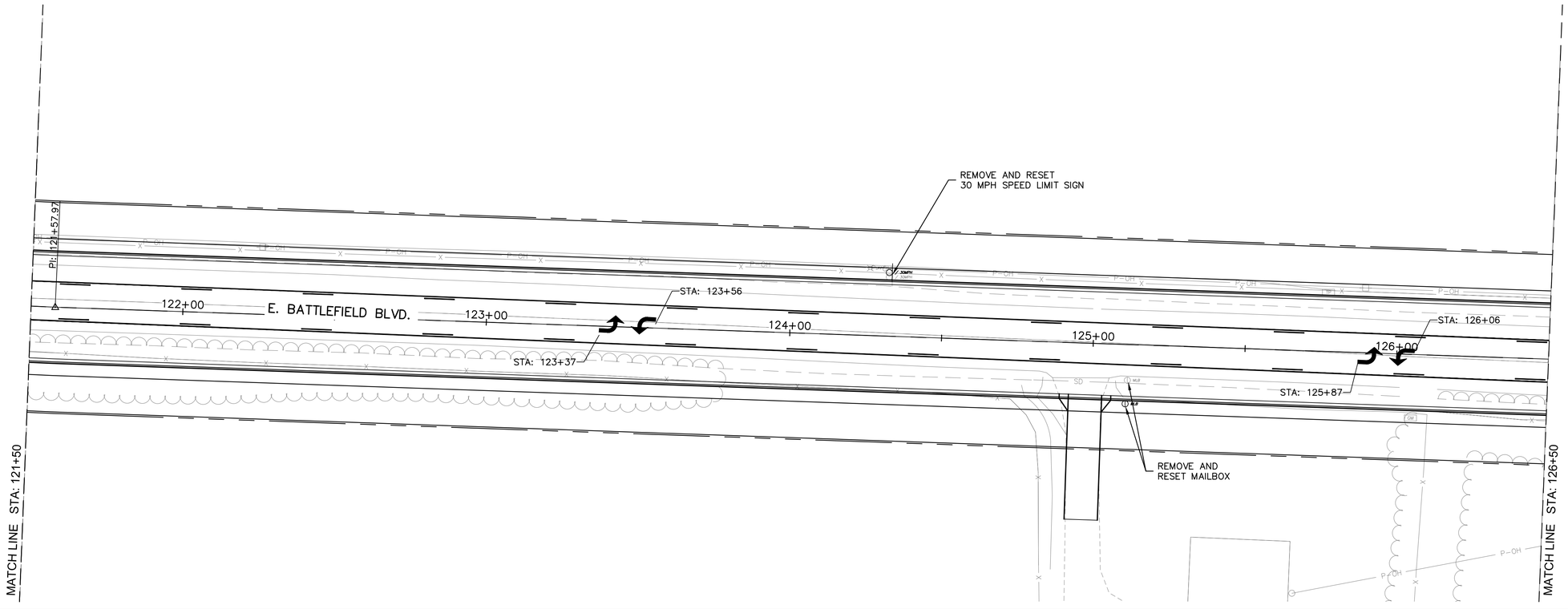

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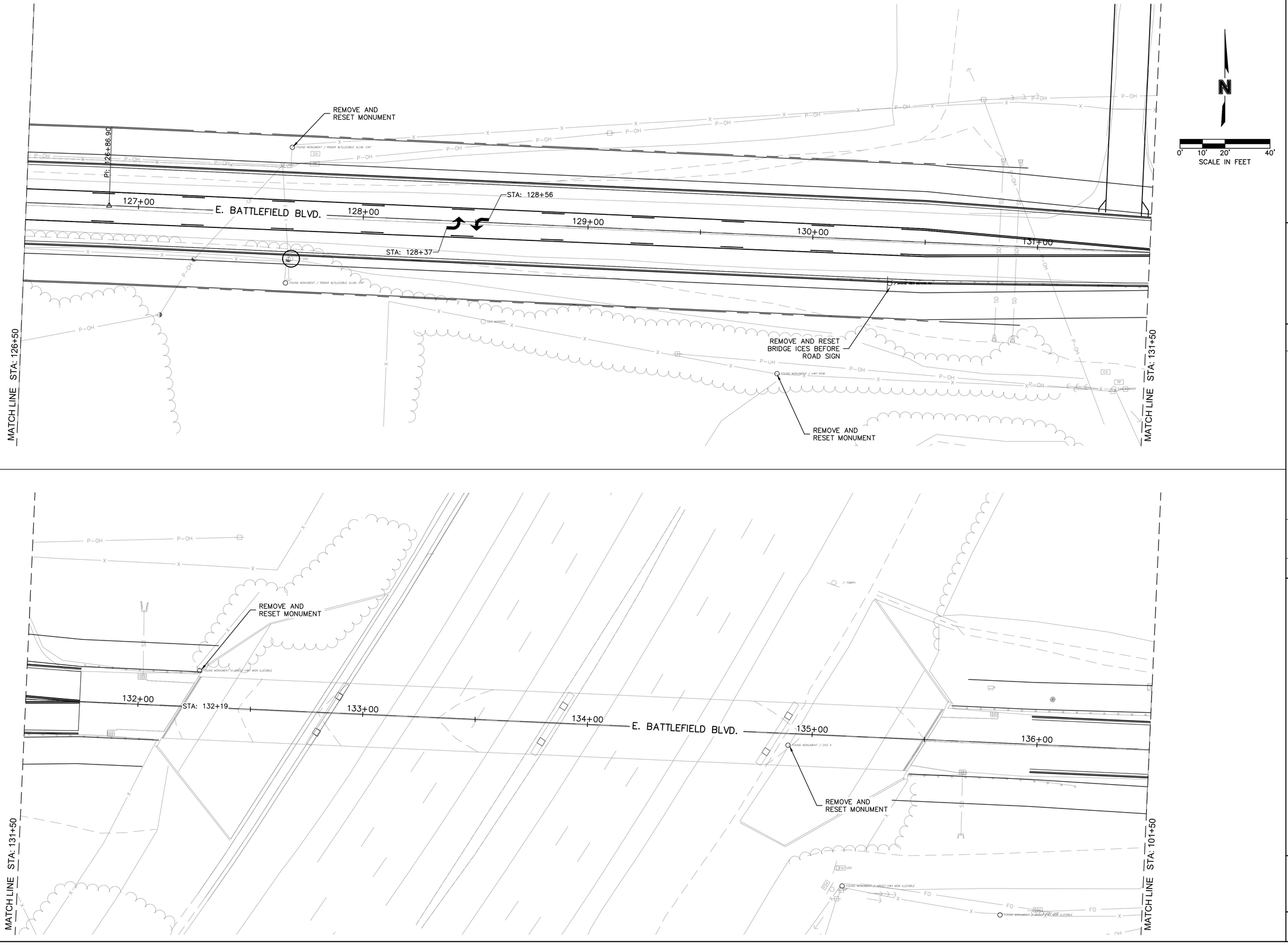

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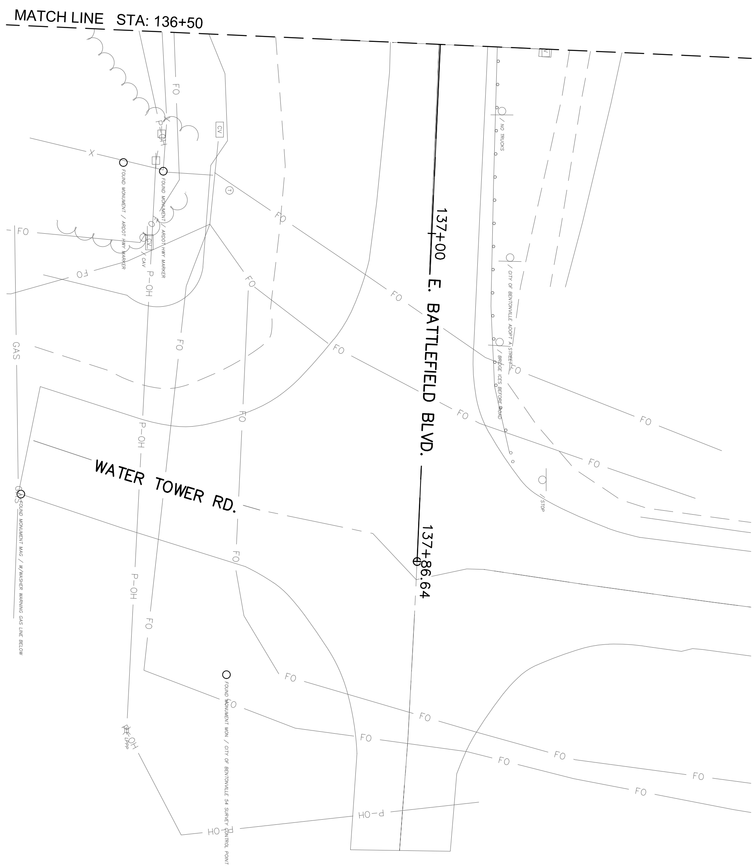

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SHEET 39 of 40

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checked by: CRB
approved by: CRB
QC check by: I21-04210
project no: I_SAS_02_I2104210
drawing no: 4/25/2022
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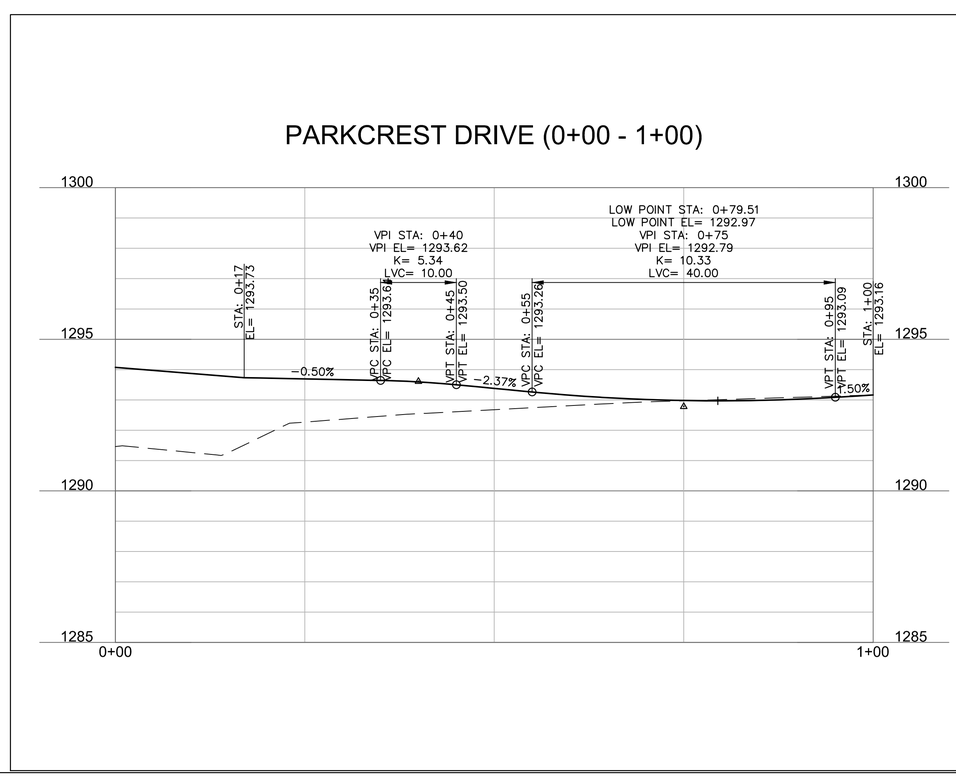
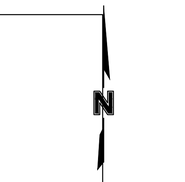
PARKCREST DRIVE (0+00 - 1+00)





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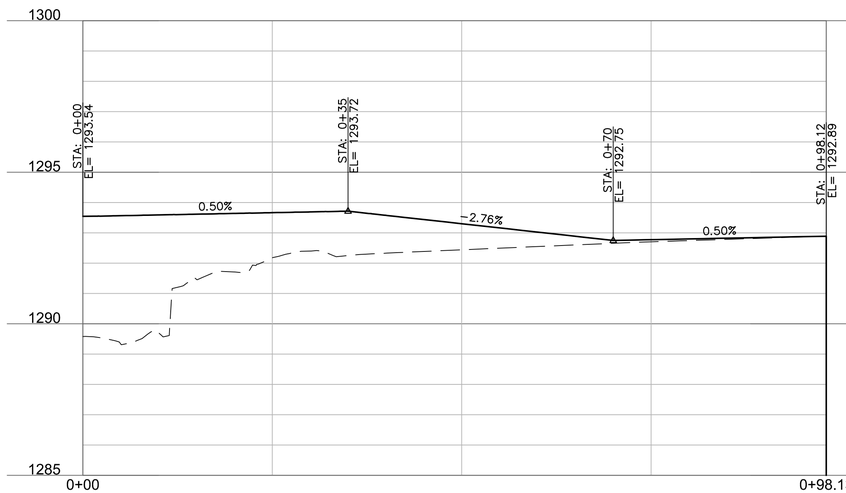

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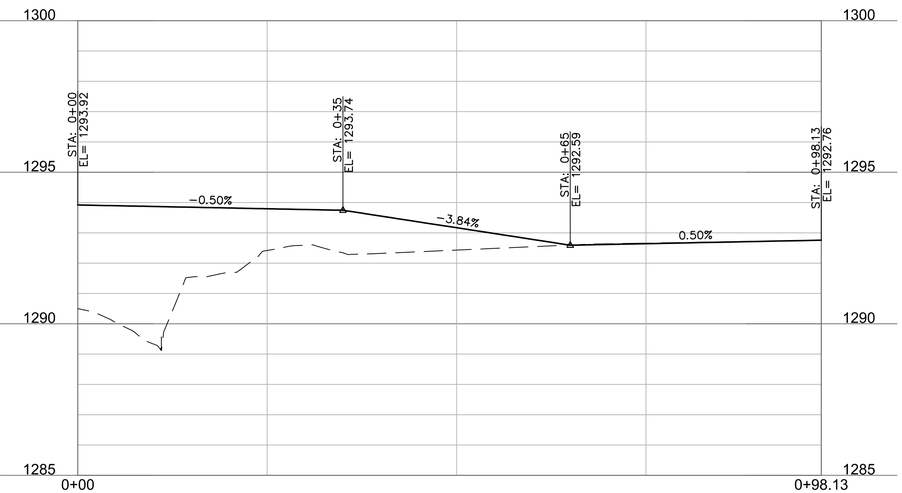

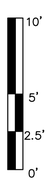

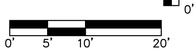

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REVISIONS

REV. NO.	DATE	REVISIONS DESCRIPTION	BY

SIDE STREET LAYOUT

E. BATTLEFIELD BOULEVARD IMPROVEMENTS

BENTONVILLE, AR

2022

drawn by: NS
checked by: AR
approved by: AR
QA/QC by: AR
project no.: I21-04210
drawing no.: T_SSL_01_I2104210
date: 4/25/2022

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DWG: F:\2021\04001-04500\021-04210-I\40-Design\AutoCAD\Final Plans\Sheets\SIDE STREET LAYOUT\T_SSL_01_I2104210.dwg
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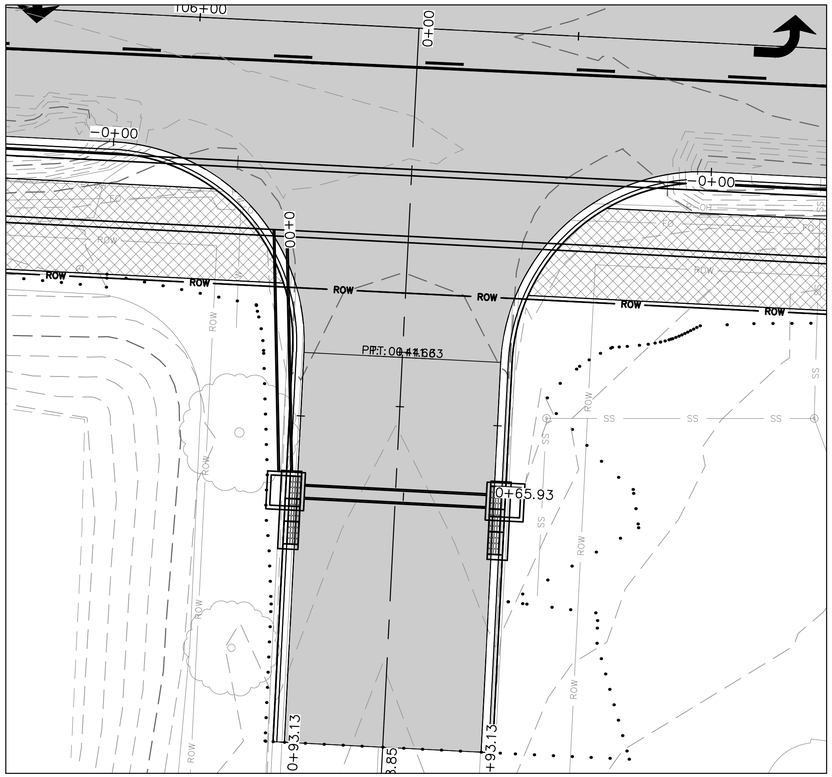
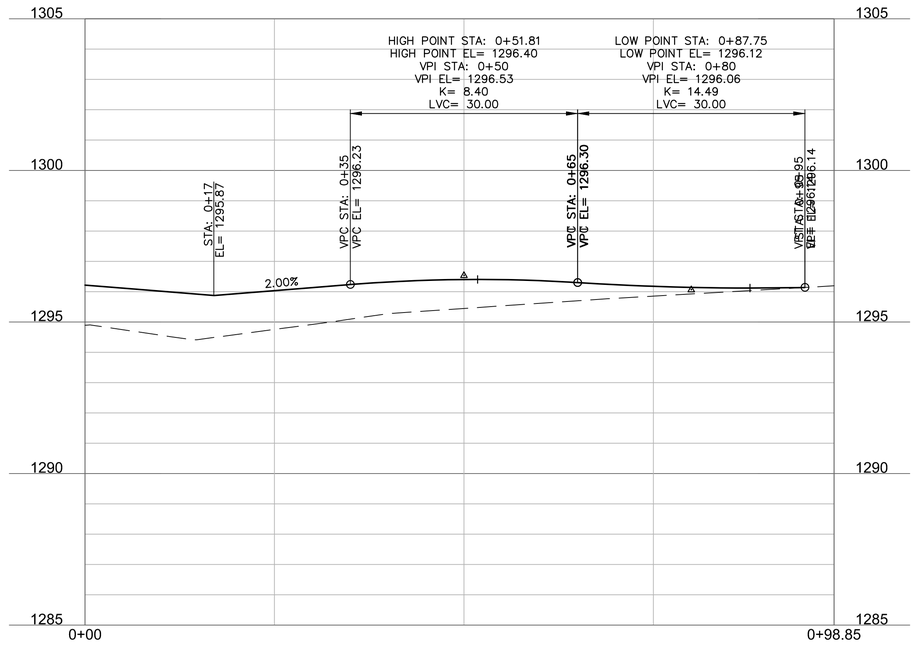


PARADISE WAY (0+00 - 0+98.85)



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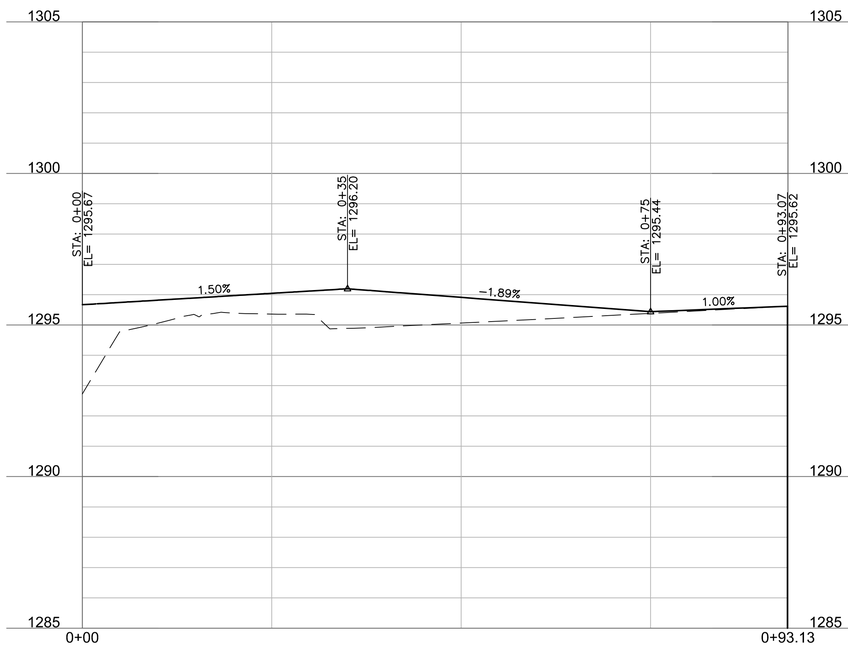

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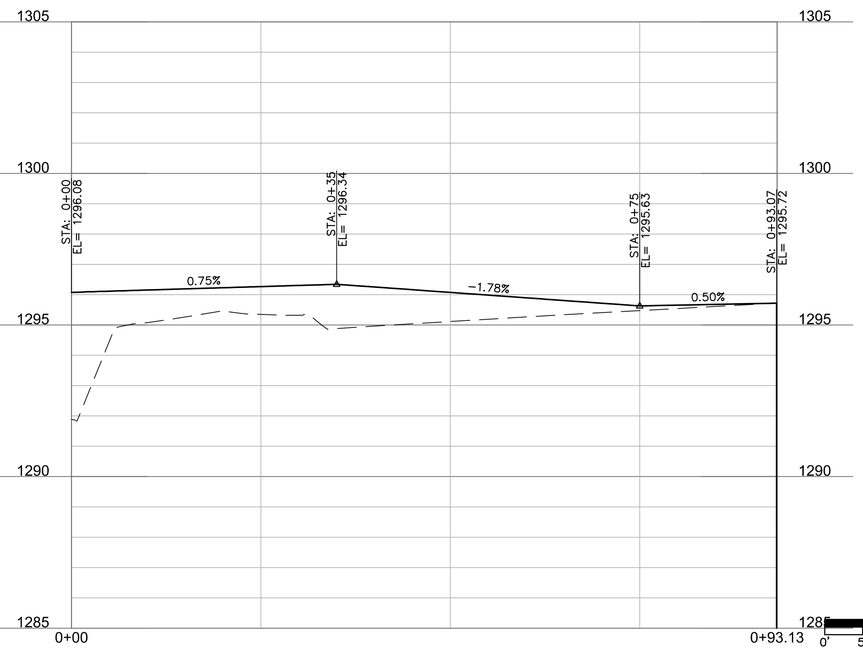

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E. BATTLEFIELD BOULEVARD IMPROVEMENTS

BENTONVILLE, AR

2022

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project no.: I21-04210
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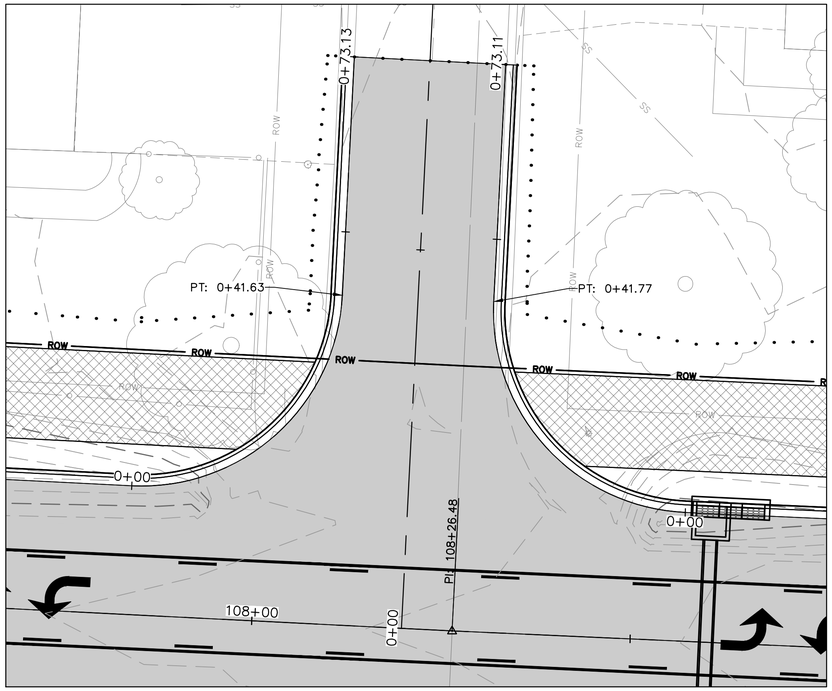
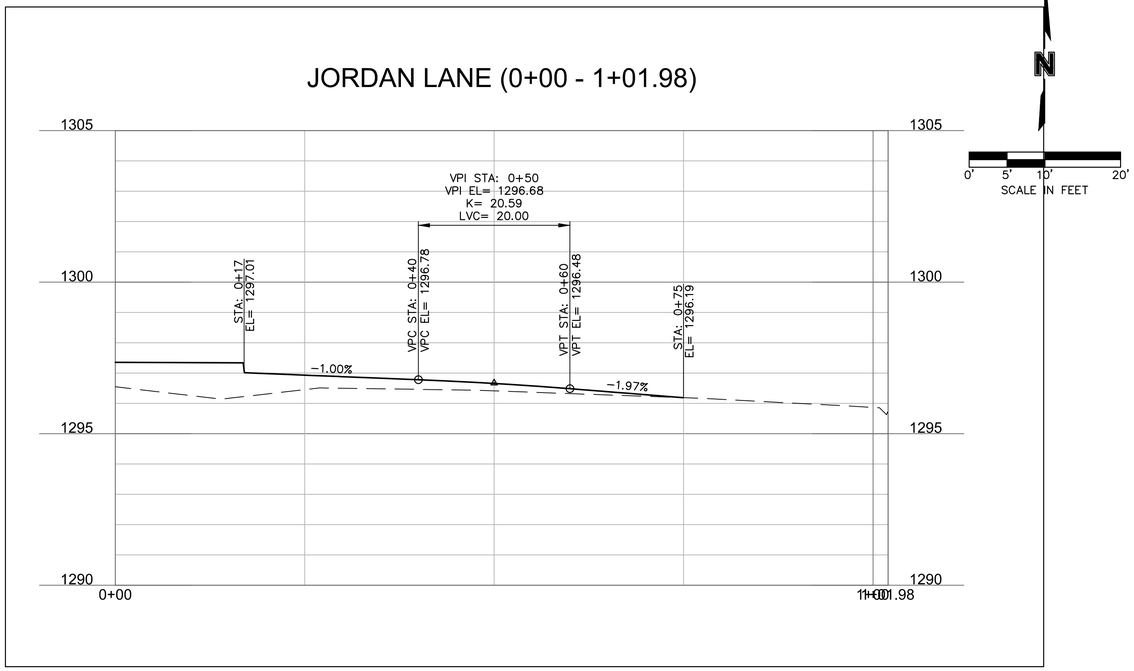


JORDAN LANE (0+00 - 1+01.98)



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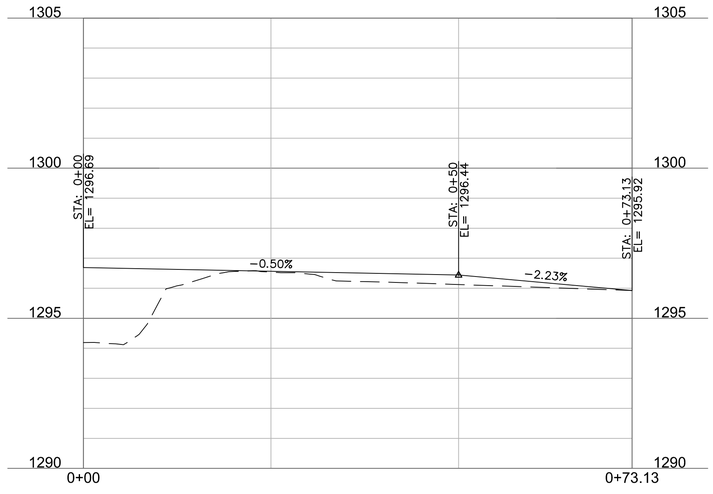

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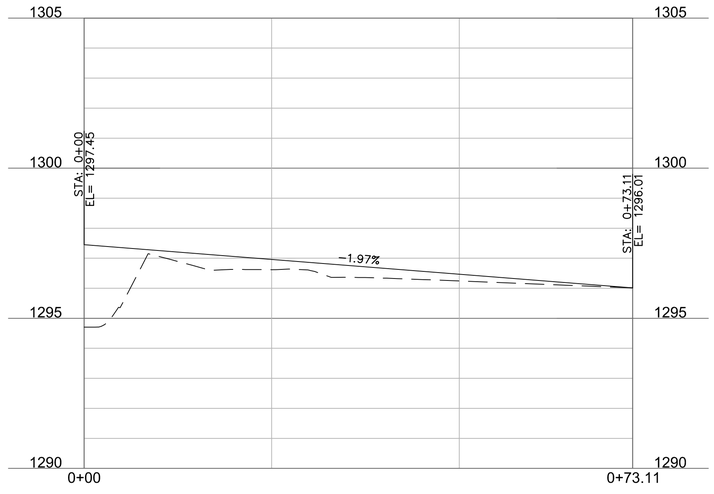

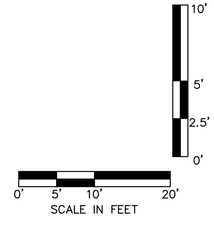

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SIDE STREET LAYOUT

E. BATTLEFIELD BOULEVARD IMPROVEMENTS

BENTONVILLE, AR

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date: 4/25/2022

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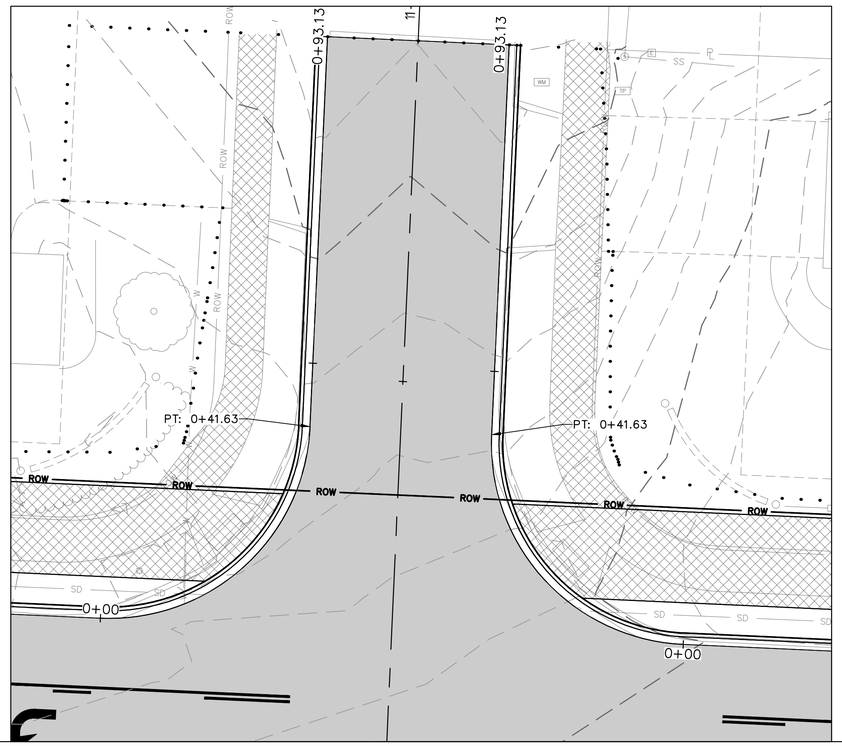

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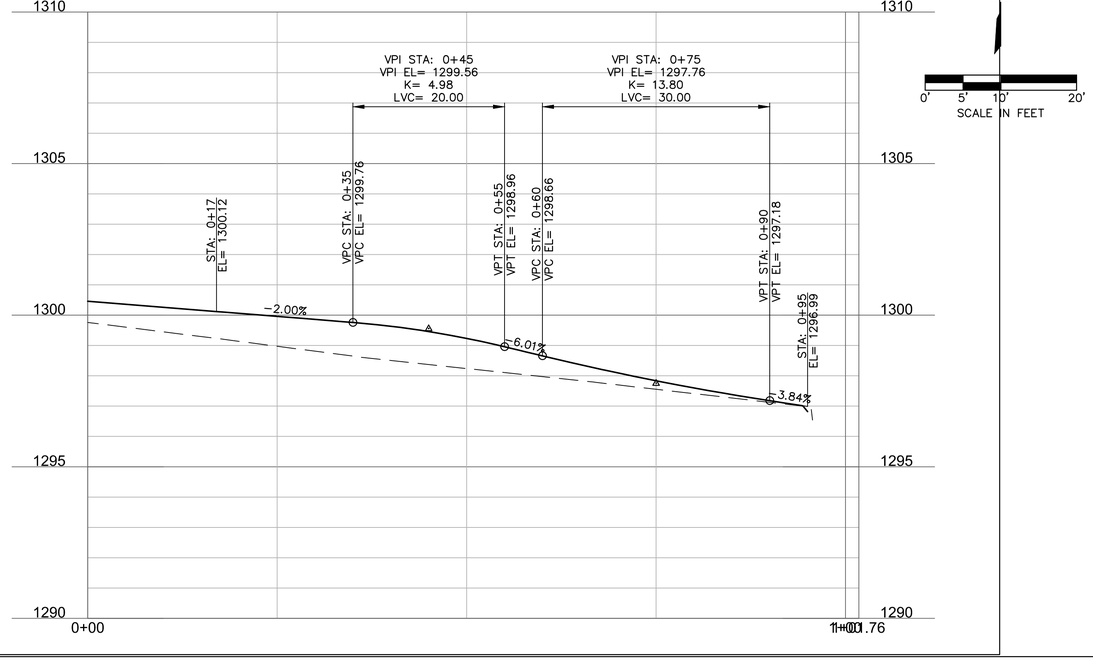

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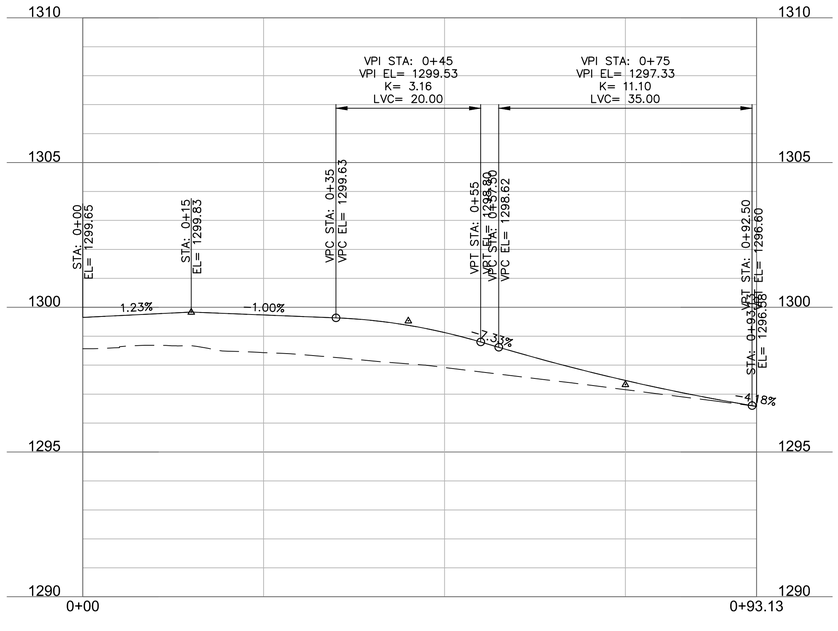

CHICORY LANE - CURB RETURN EAST (0+00 - 0+93.13)

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drawing no.: T_SSL_02_I2104210
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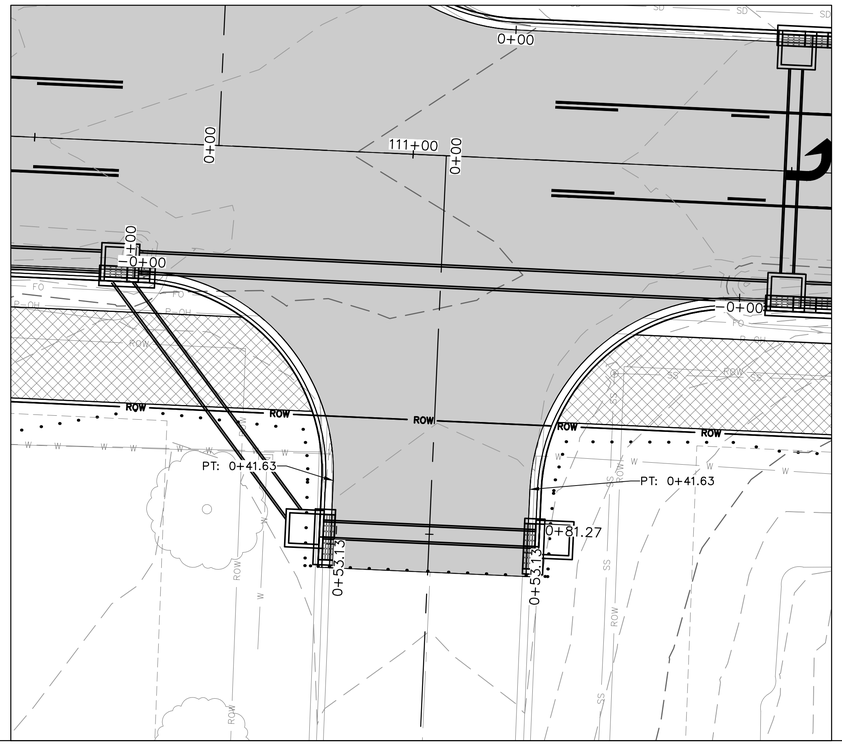
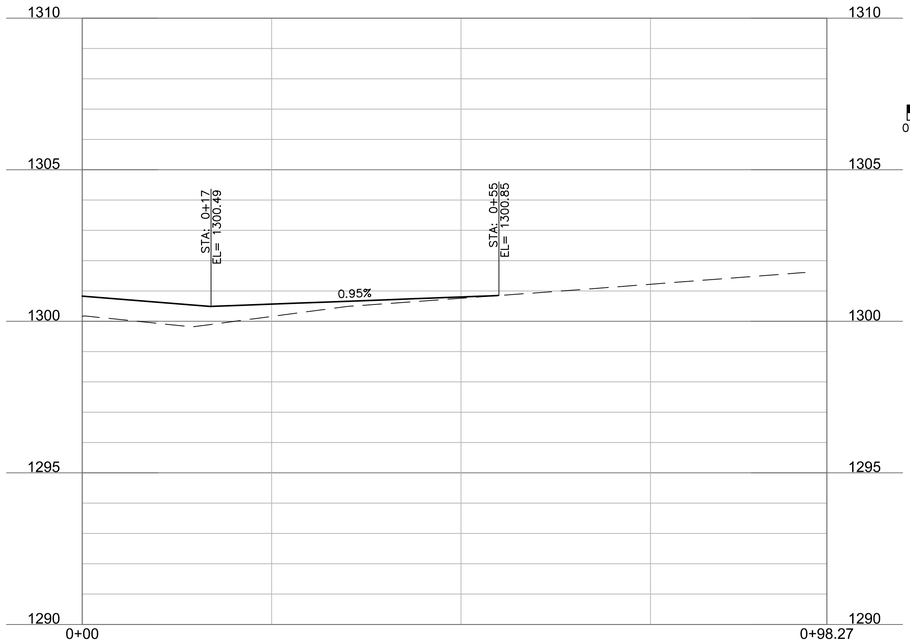


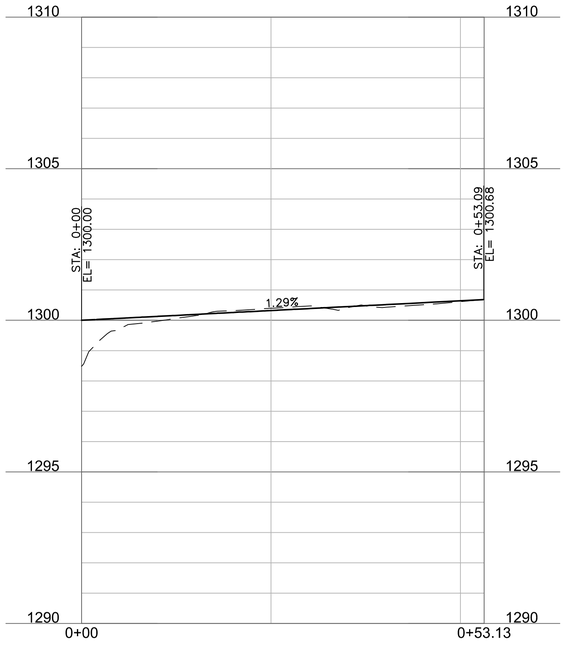
PLEASANT VIEW LANE (0+00 - 0+98.27)



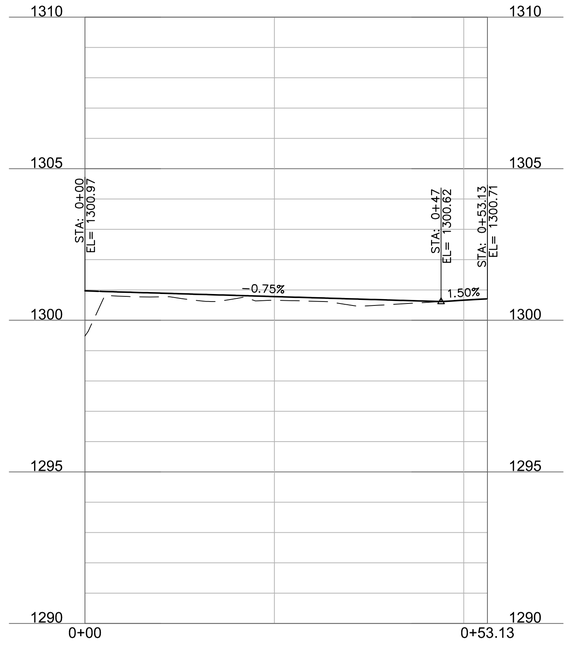
N

0' 5' 10' 20'
SCALE IN FEET

PLEASANT VIEW LN - CURB RETURN WEST (0+00 - 0+53.13)



PLEASANT VIEW LN - CURB RETURN EAST (0+00 - 0+53.13)



10'
5'
2.5'
0'
0' 5' 10' 20'
SCALE IN FEET

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SIDE STREET LAYOUT

E. BATTLEFIELD BOULEVARD IMPROVEMENTS

BENTONVILLE, AR

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drawn by: NS
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project no.: I21-04210
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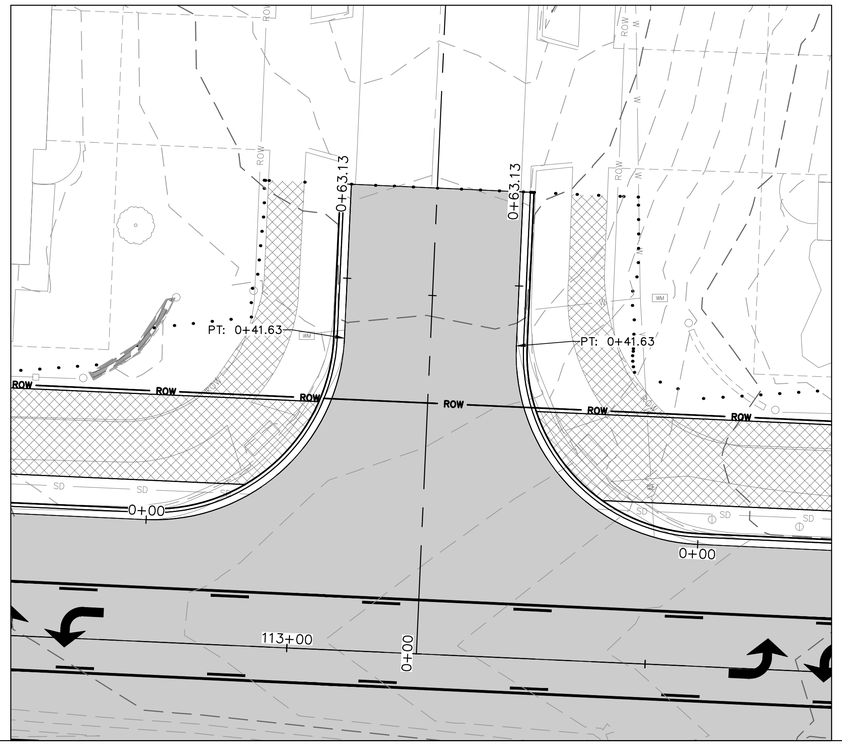
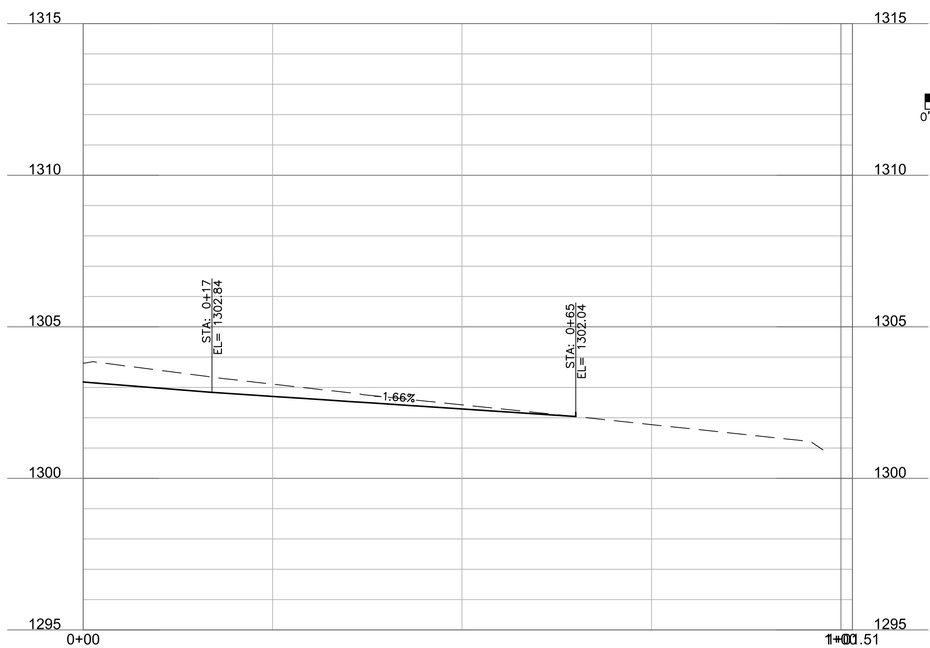


NE LARKSPUR LANE (0+00 - 1+01.51)



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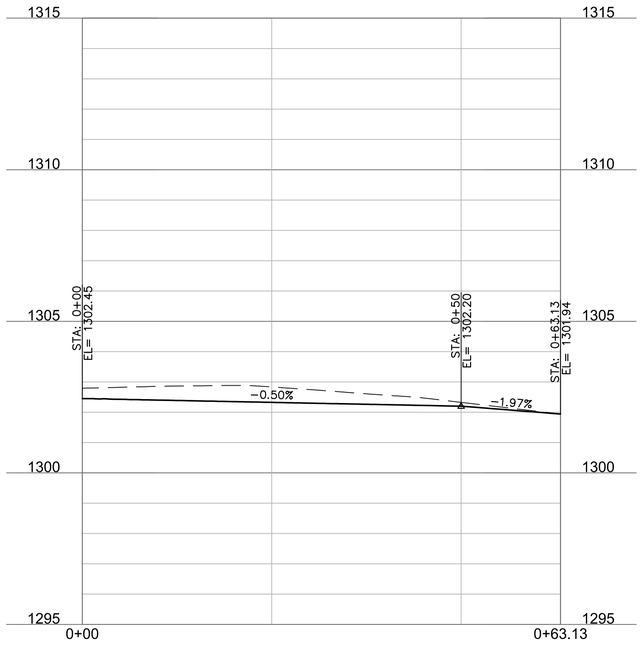
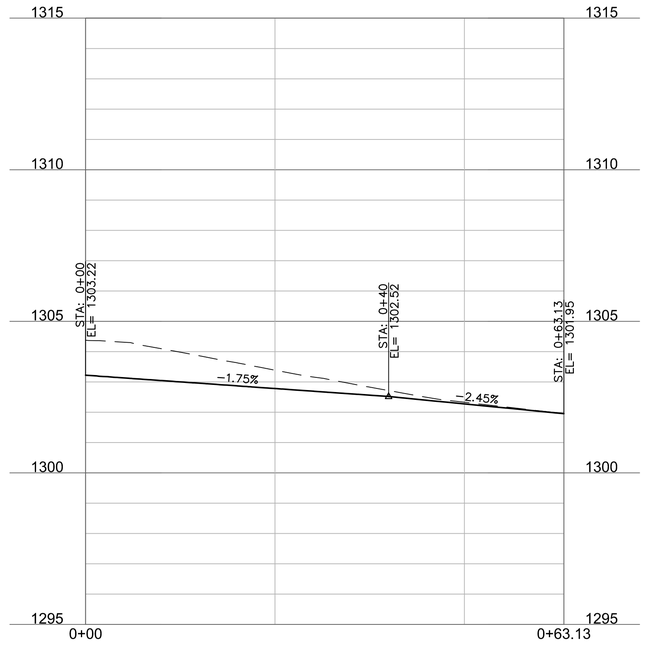
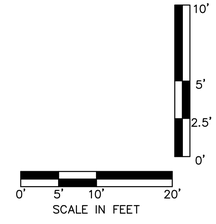


LARKSPUR LANE - CURB RETURN EAST (0+00 - 0+63.13)





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BENTONVILLE, AR

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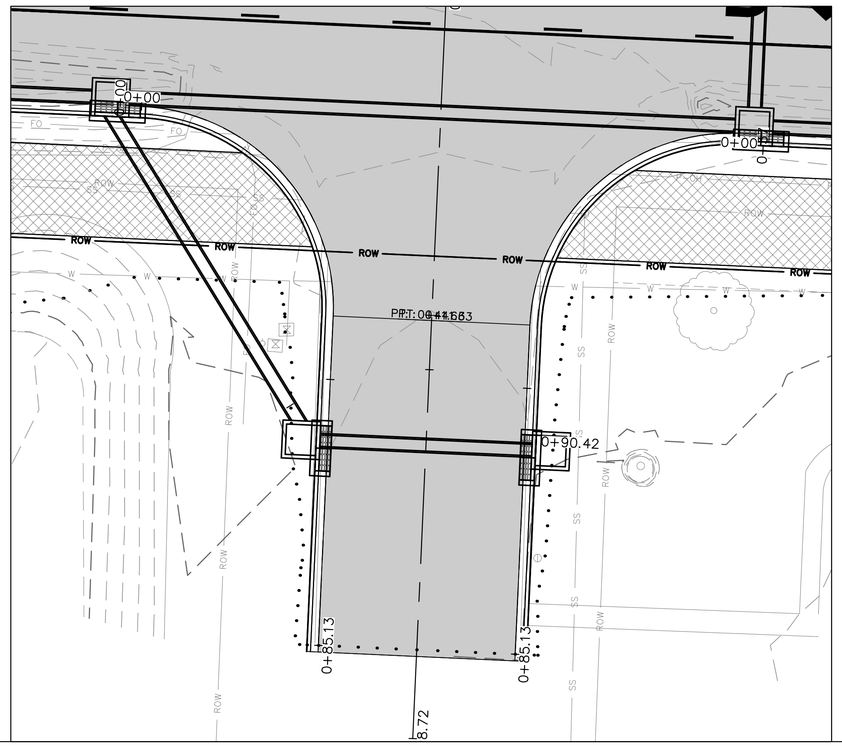

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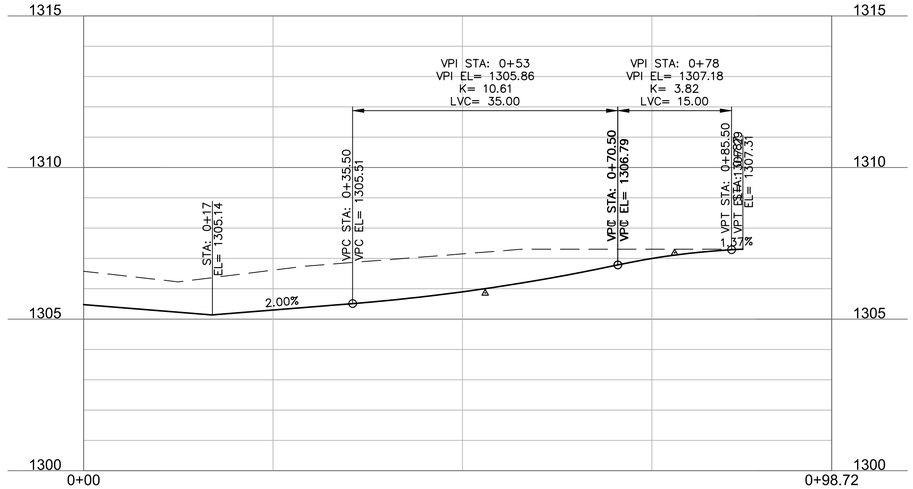

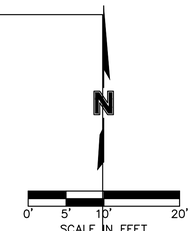

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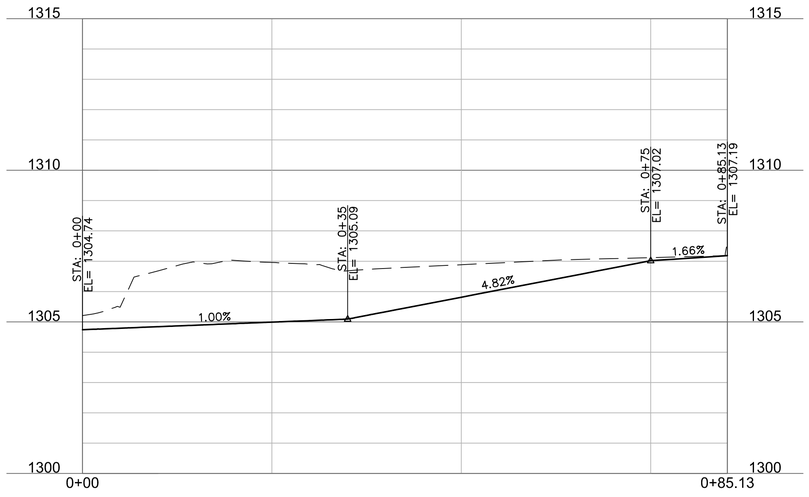
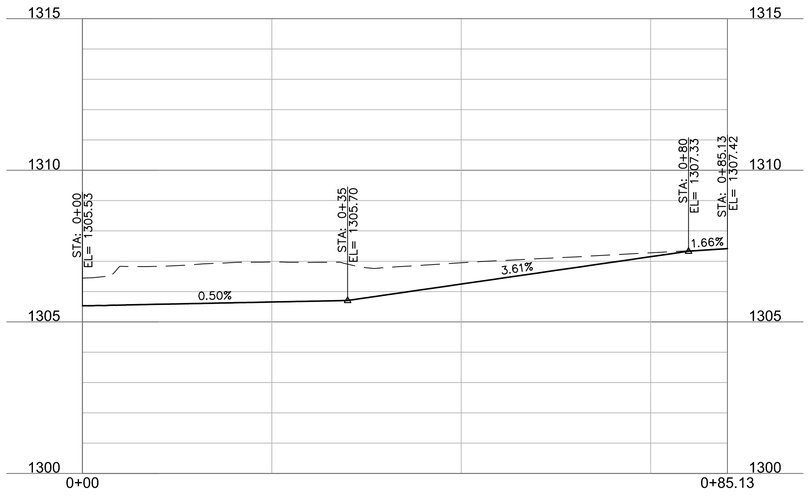
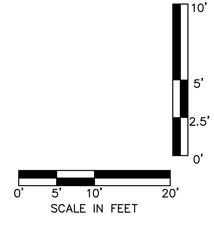


LYNDAL LN - CURB RETURN EAST (0+00 - 0+85.13)





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BENTONVILLE, AR

2022

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project no.: I21-04210
drawing no.: T_SSL_03_I2104210
date: 4/25/2022

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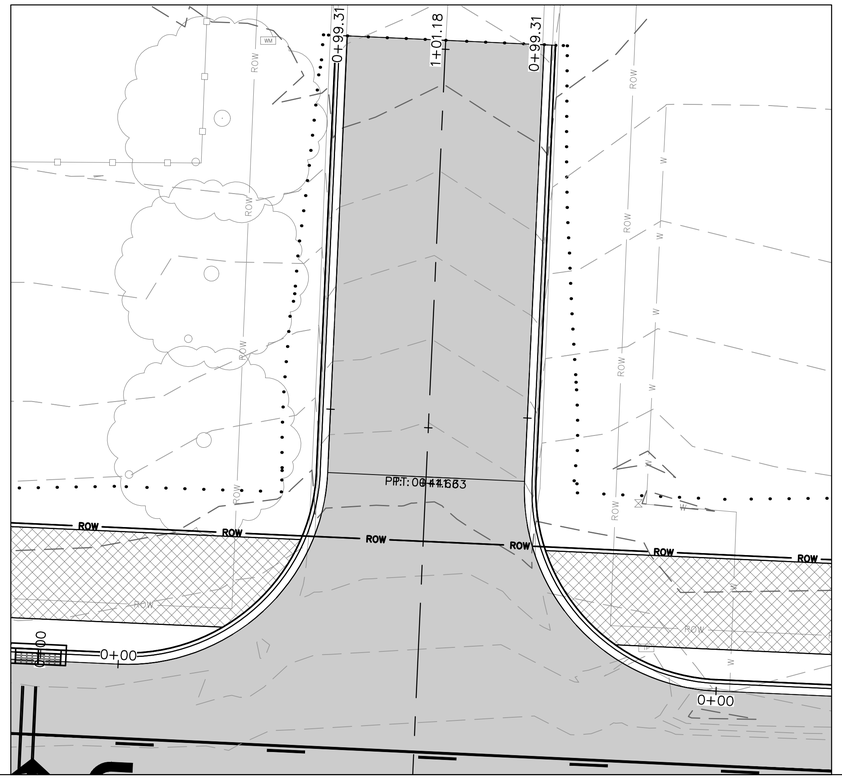

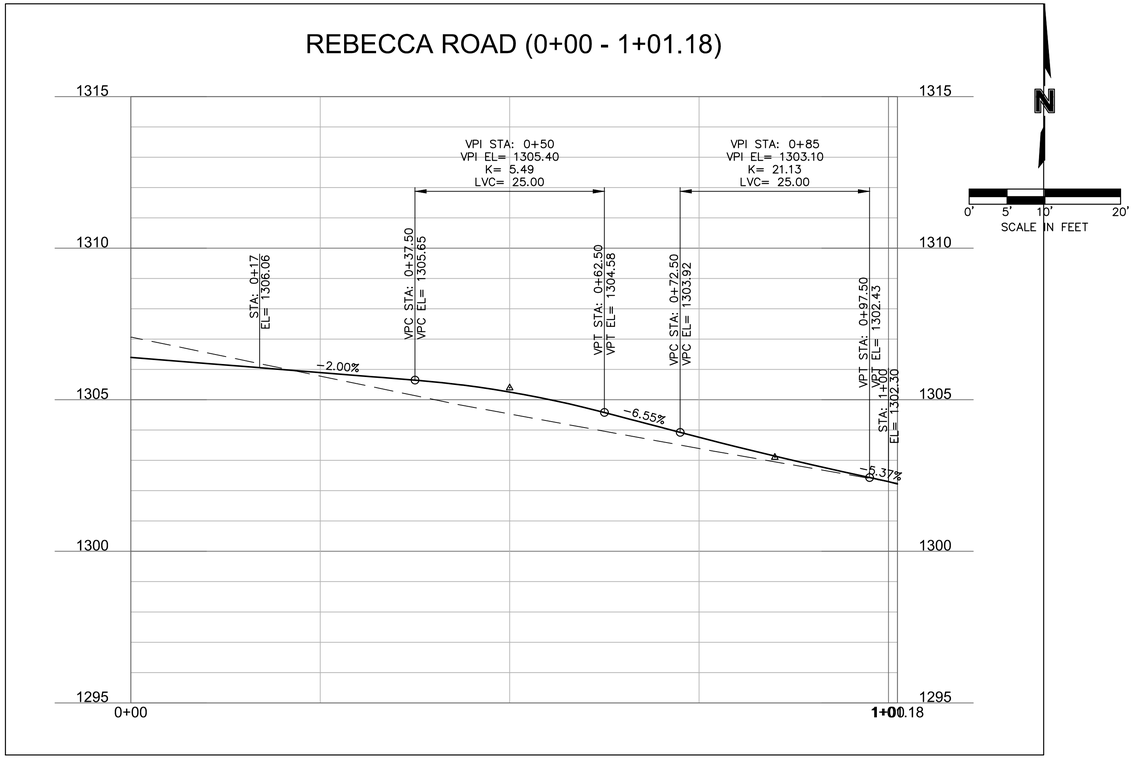

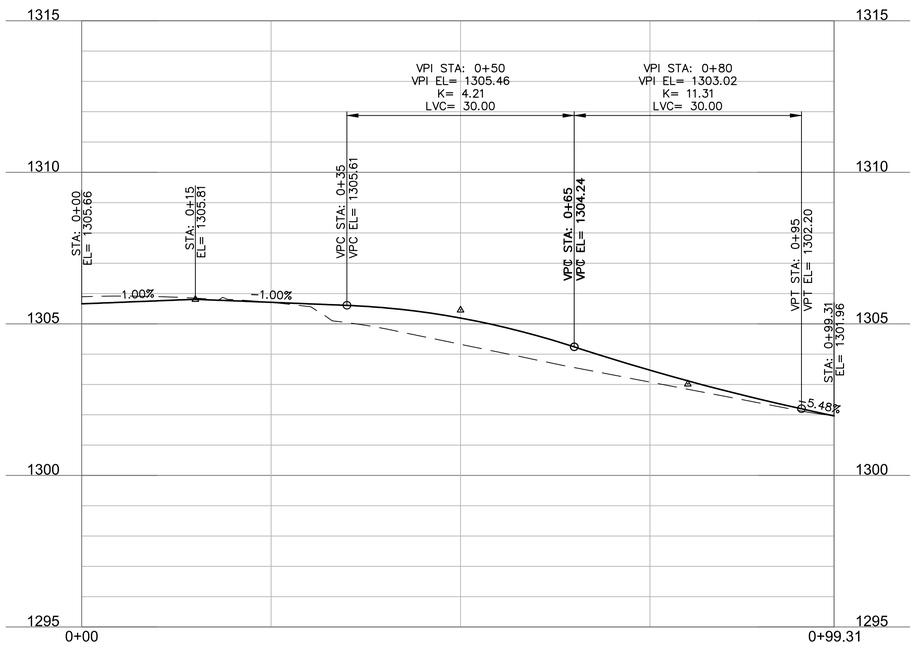

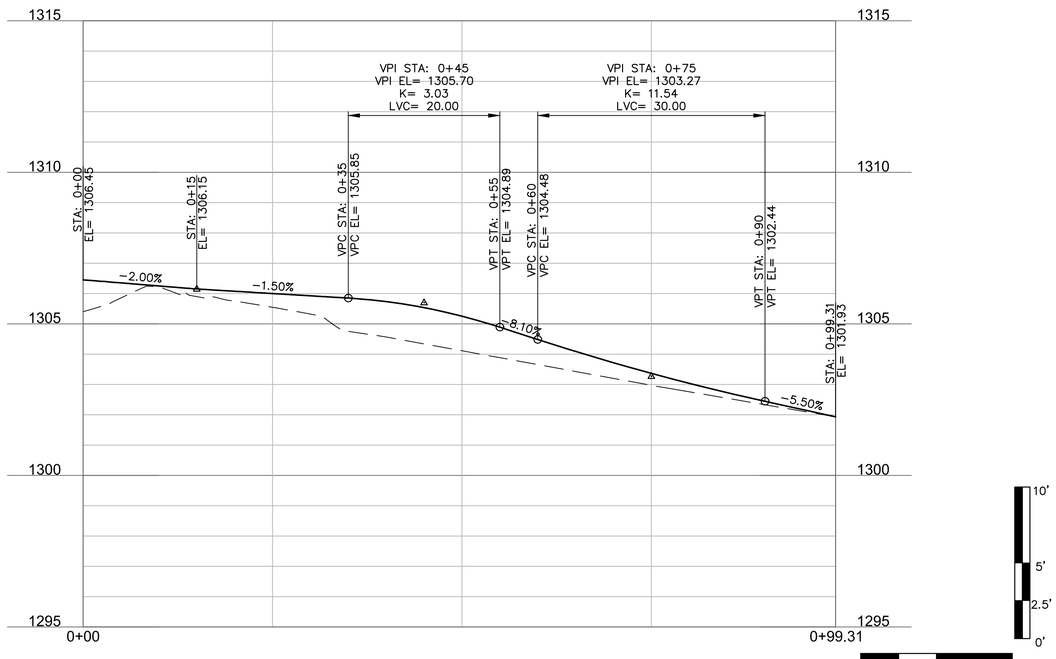

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REV. NO.	DATE	REVISIONS DESCRIPTION	BY

REVISIONS

SIDE STREET LAYOUT

E. BATTLEFIELD BOULEVARD IMPROVEMENTS

BENTONVILLE, AR

2022

drawn by: NS
checked by: AR
approved by: AR
QA/QC by: AR
project no.: I21-04210
drawing no.: T_SSL_03_I2104210
date: 4/25/2022

SHEET
47 of 40

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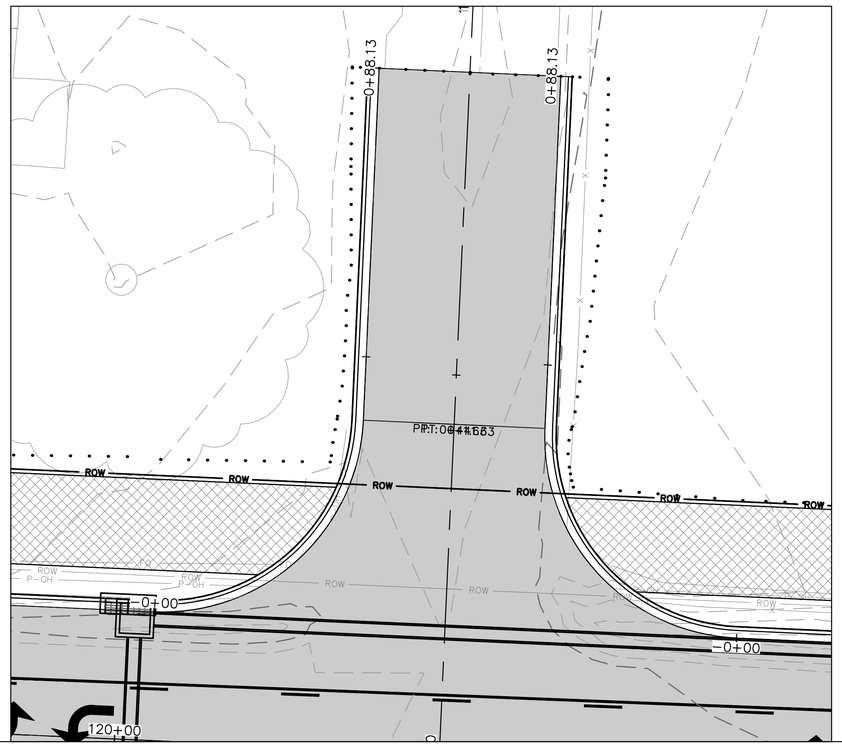
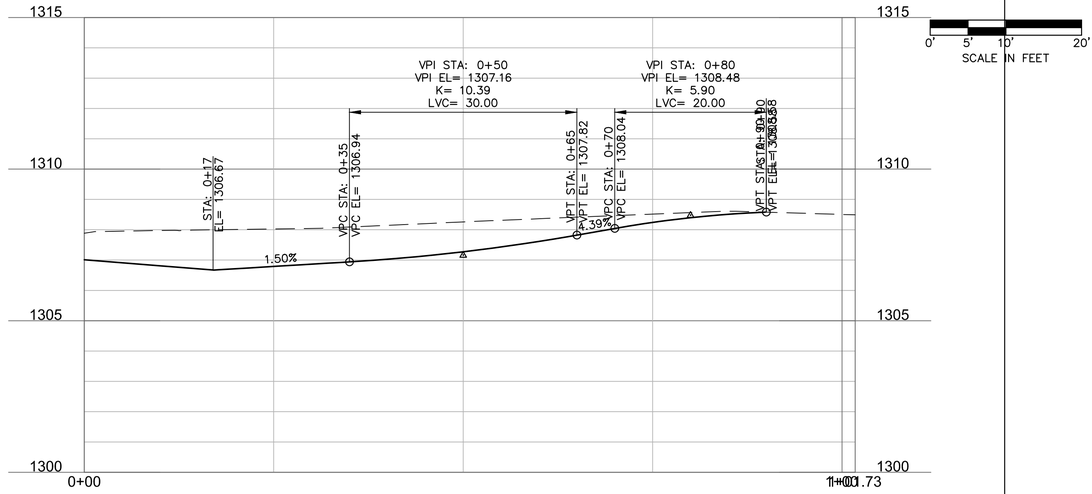
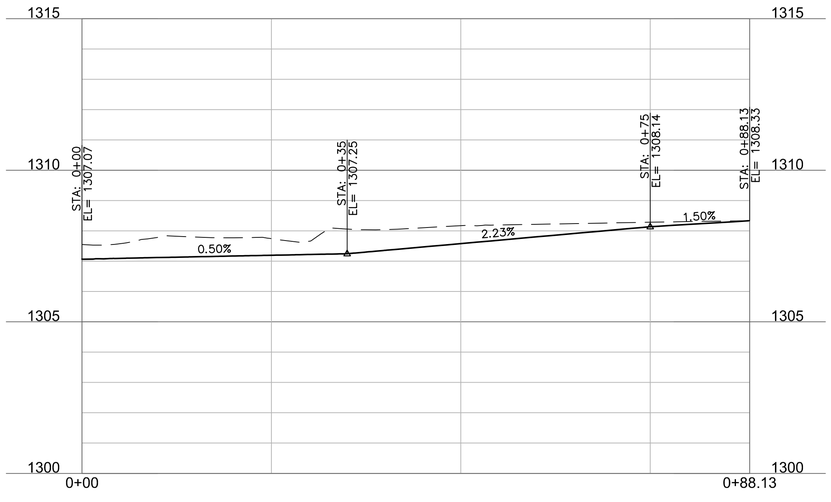


PRAIRIE LANE (0+00 - 1+01.73)



PRAIRIE LN - CURB RETURN WEST (0+00 - 0+88.13)



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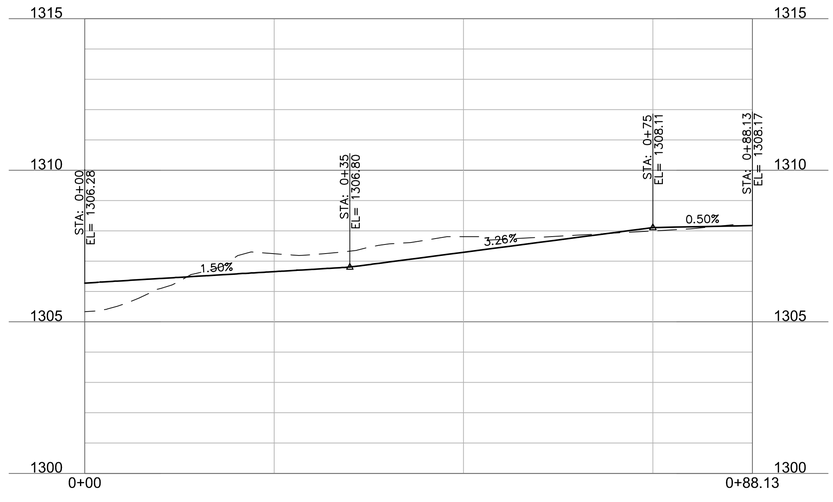

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SIDE STREET LAYOUT

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BENTONVILLE, AR

2022

drawn by: NS
checked by: AR
approved by: AR
QA/QC by: AR
project no.: I21-04210
drawing no.: T_SSL_03_I2104210
date: 4/25/2022

SHEET
48 of 40

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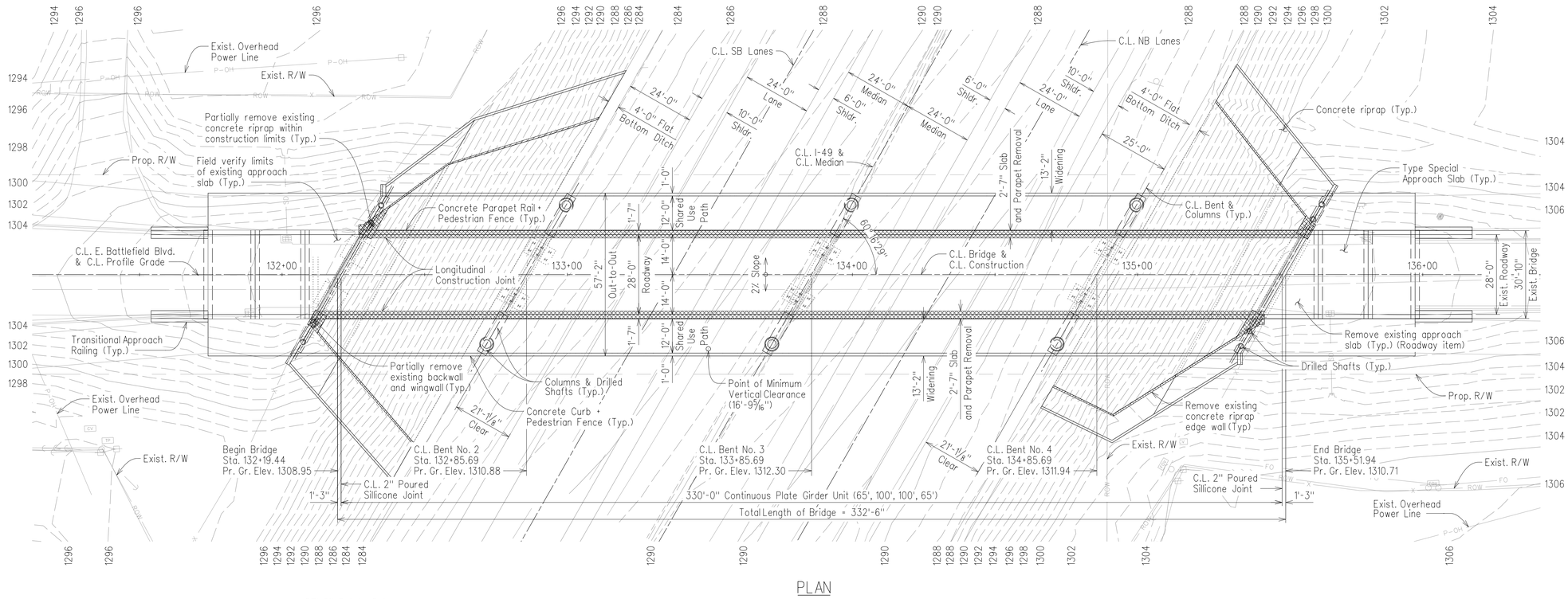

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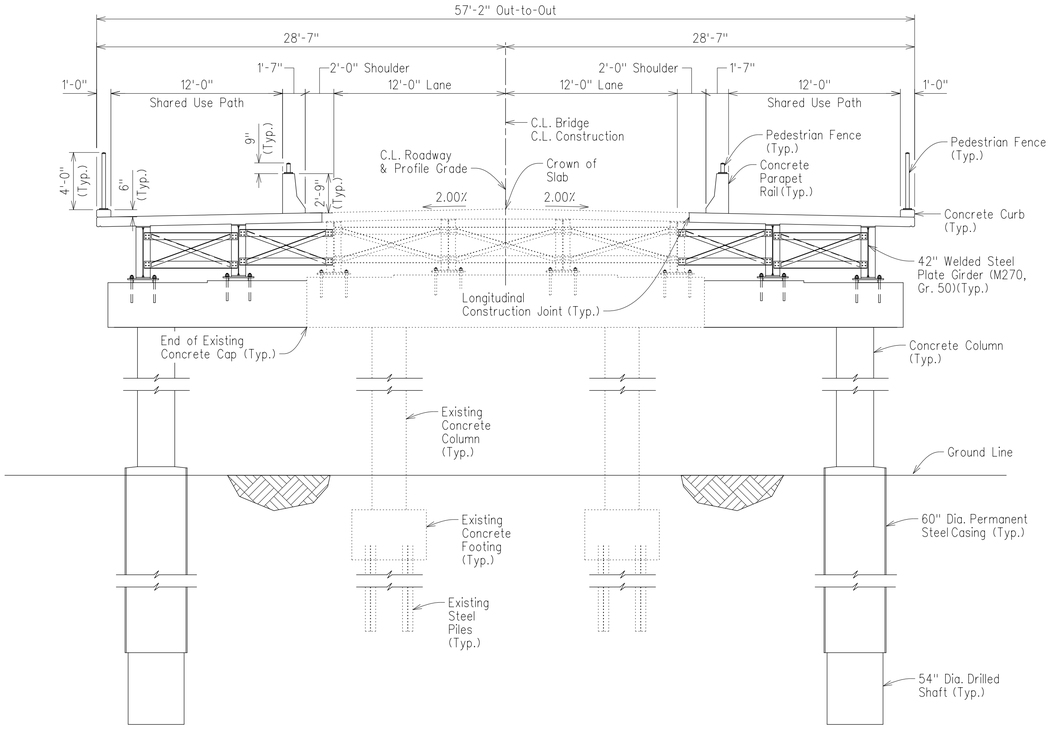
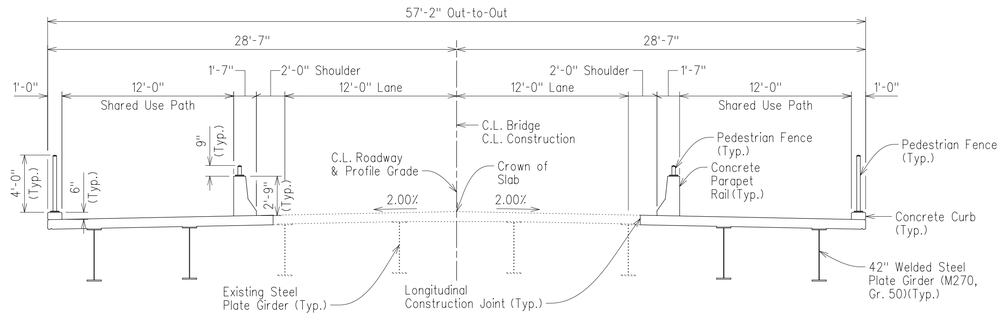


E. BATTLEFIELD BLVD. BRIDGE
PROP. TYP. SECTION @ INT. BENT



E. BATTLEFIELD BLVD. BRIDGE
PROP. TYP. SECTION

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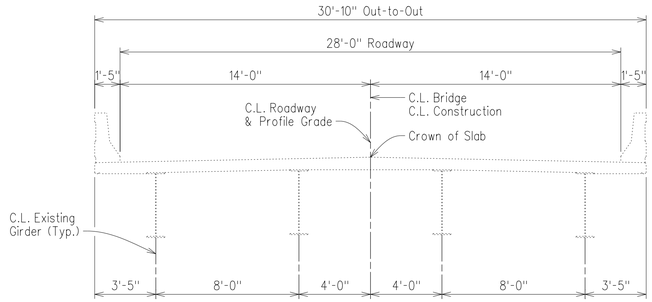
BRIDGE PLAN AND TYPICAL SECTION

E. BATTLEFIELD BOULEVARD IMPROVEMENTS

BENTONVILLE, AR

2021

drawn by:
checked by:
approved by:
QA/QC by:
project no.: 021-04210
drawing no.:
date: 12/10/2021



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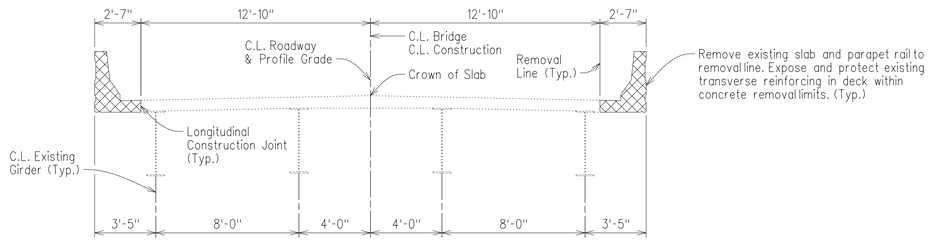

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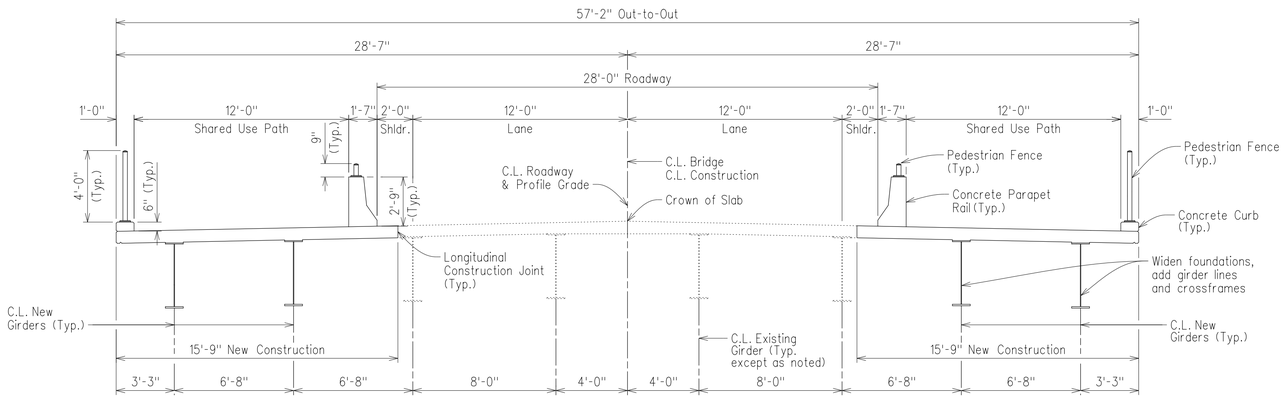

FINAL CONDITION

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BRIDGE REMOVAL AND WIDENING DETAILS

E. BATTLEFIELD BOULEVARD IMPROVEMENTS

BENTONVILLE, AR

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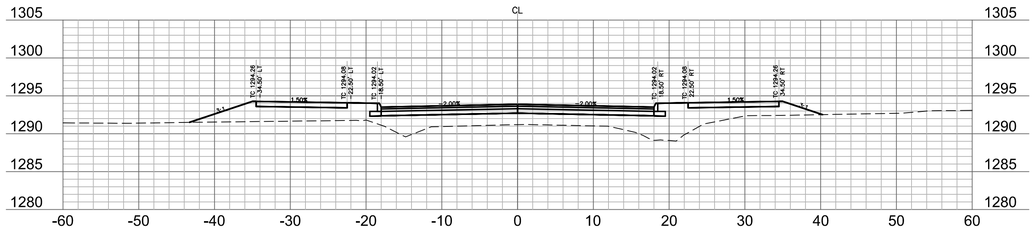
QA/QC by:
project no.: 021-04210
drawing no.:
date: 12/10/2021



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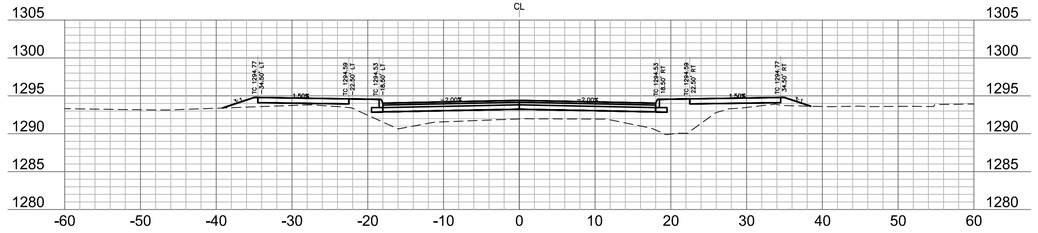

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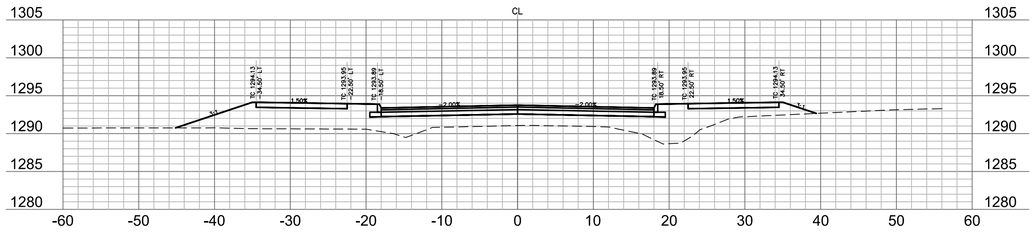

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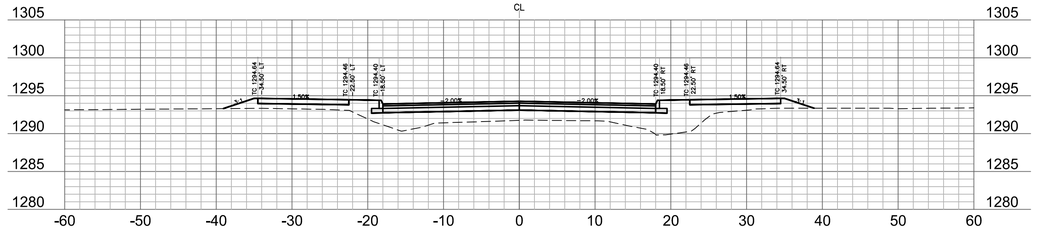

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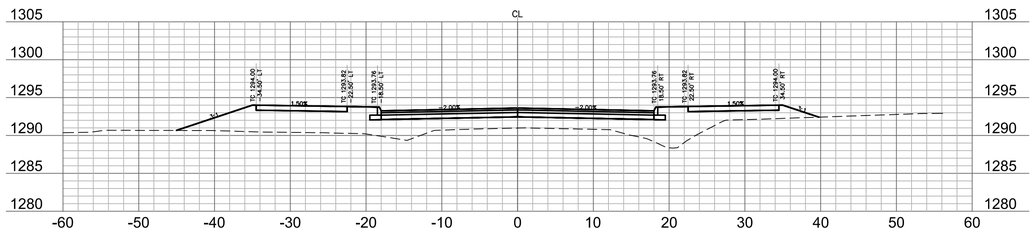

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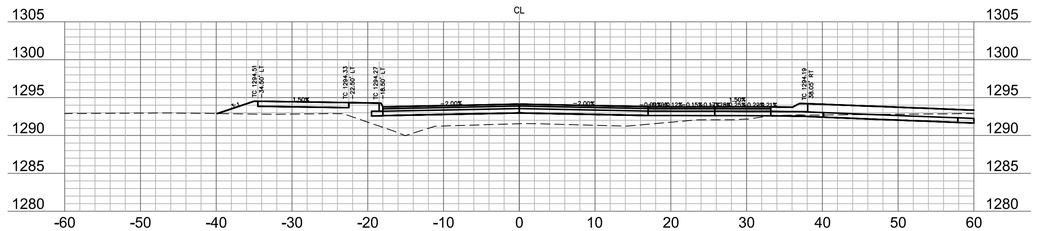

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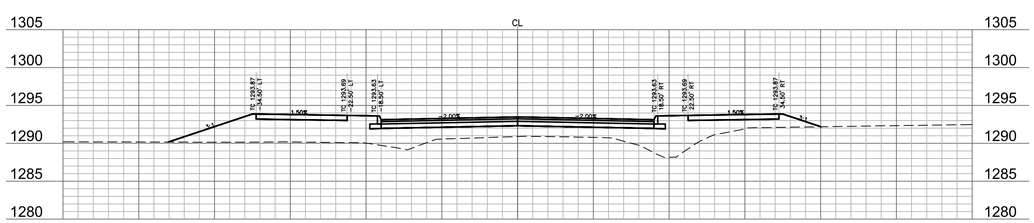

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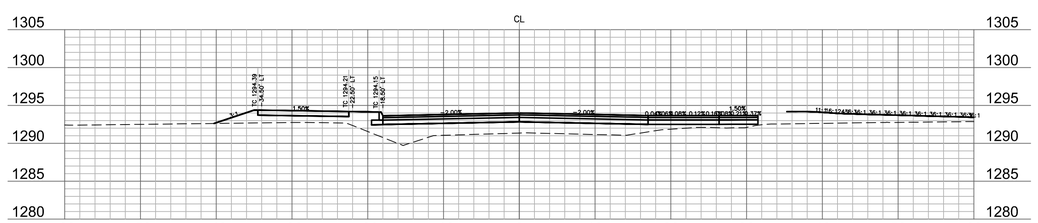

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BENTONVILLE, AR

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QA/QC by: AR
project no.: I21-04210
drawing no.: T_XSV_01_I2104210
date: 4/25/2022

DWG: F:\2021\04001-04500\021-04210-I\40-Design\AutoCAD\Final Plans\Sheets\CROSS SECTIONS\T_XSV_01_I2104210.dwg USER: nscoggs
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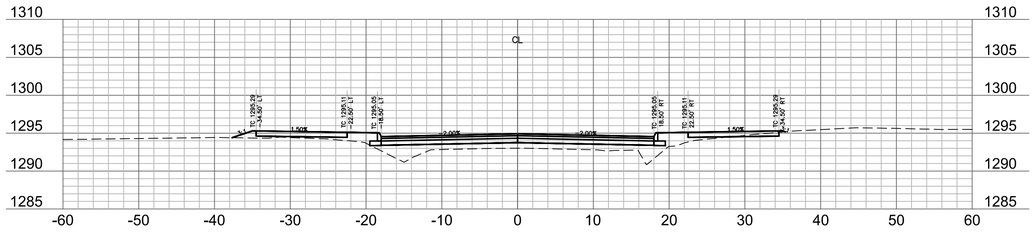

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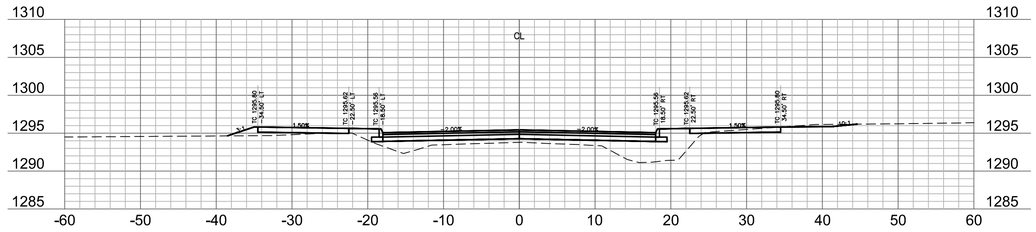

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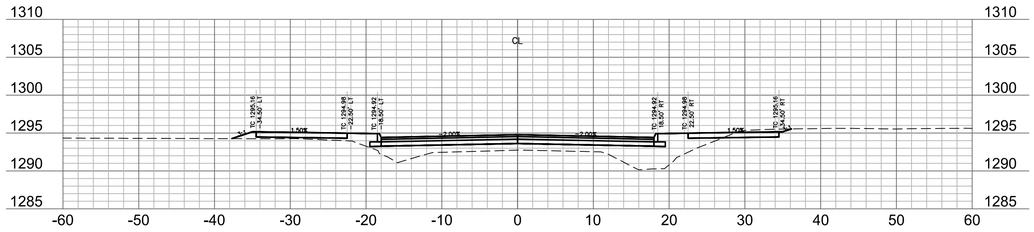

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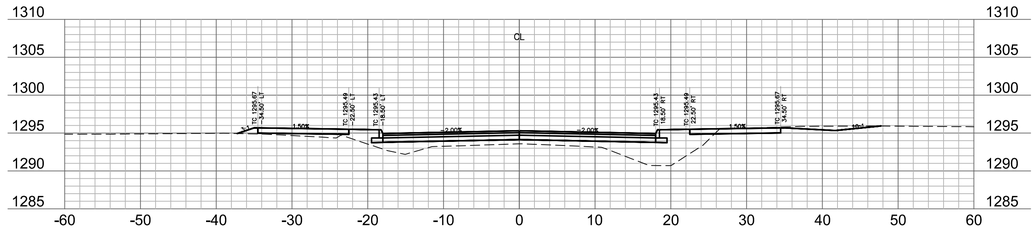

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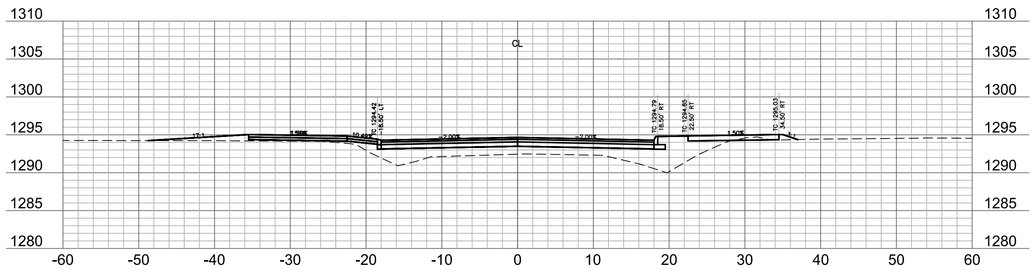

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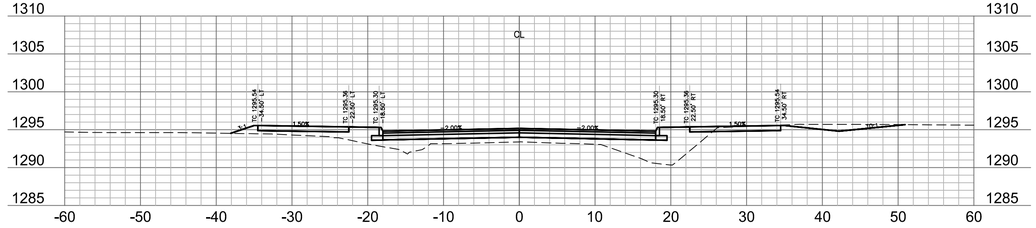

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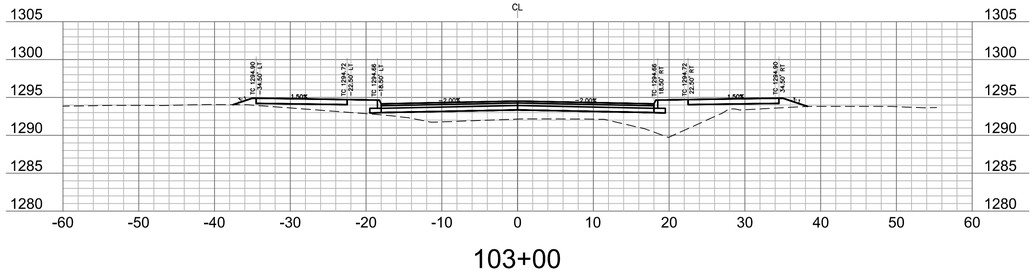

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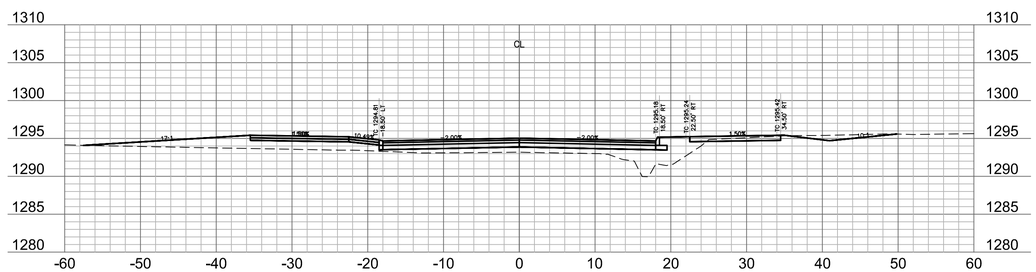

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BENTONVILLE, AR

2022

drawn by: NS
checked by: AR
approved by: AR
QA/QC by: AR
project no.: I21-04210
drawing no.: T_XSV_01_I2104210
date: 4/25/2022

SHEET
52 of 40

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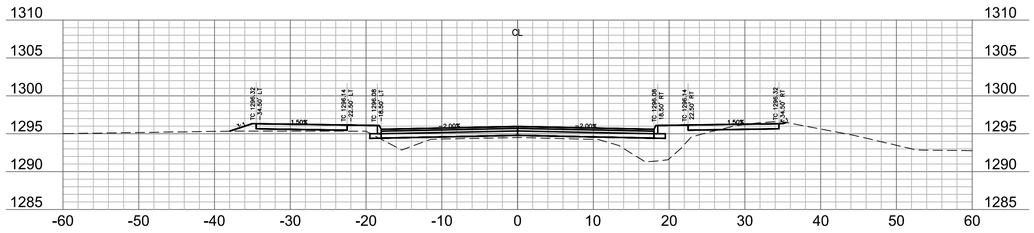

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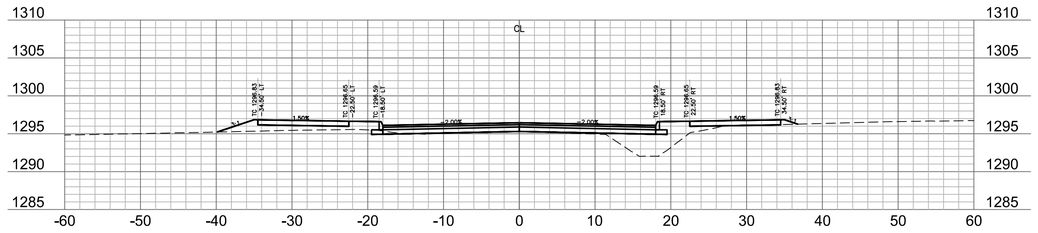

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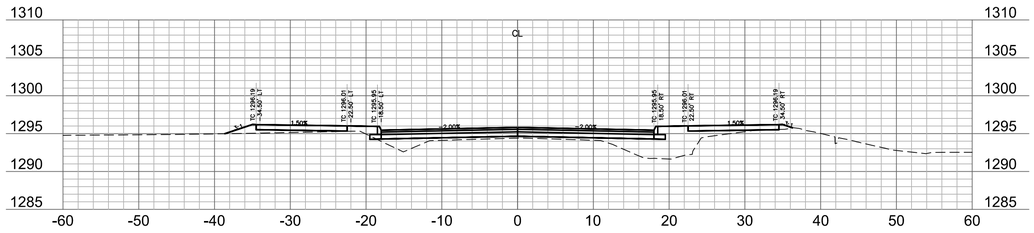

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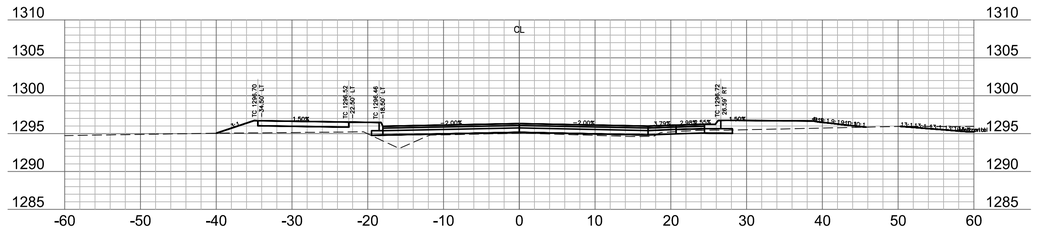

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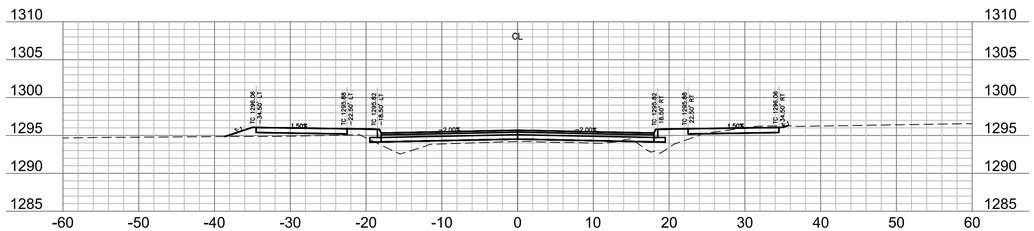

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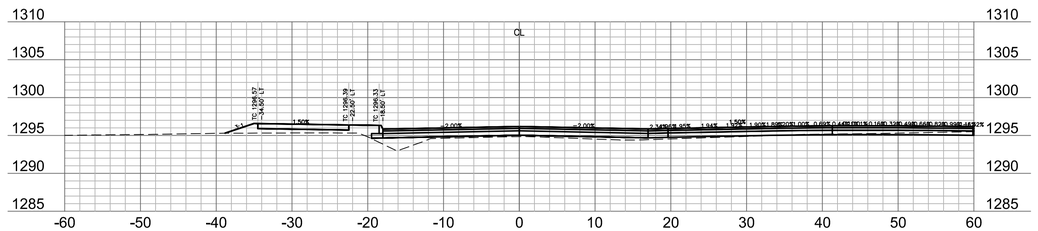

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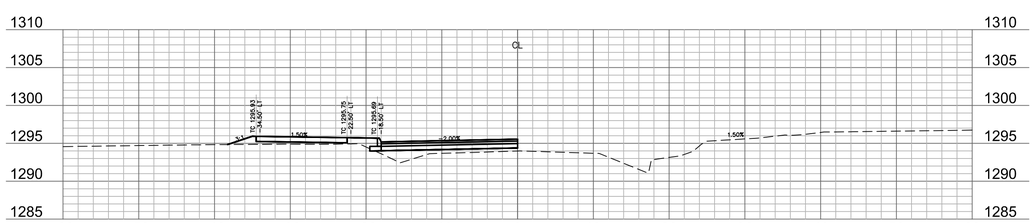

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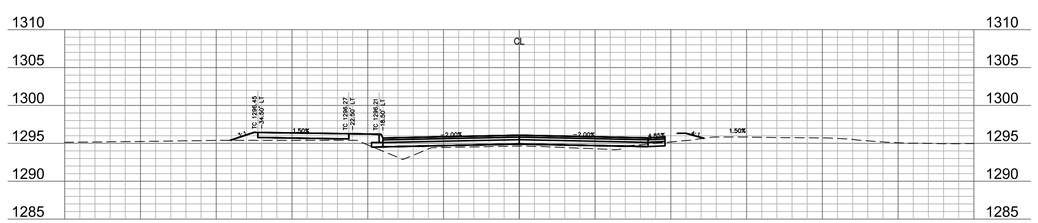

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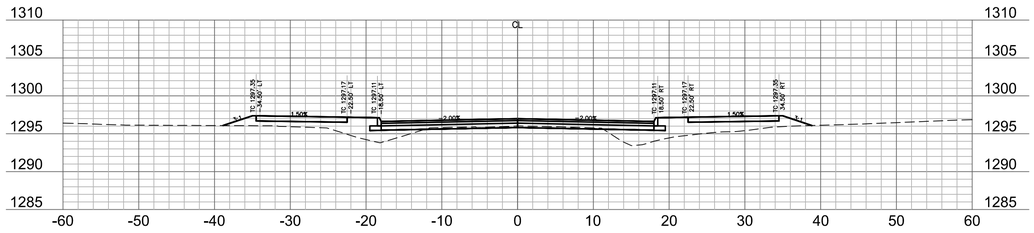

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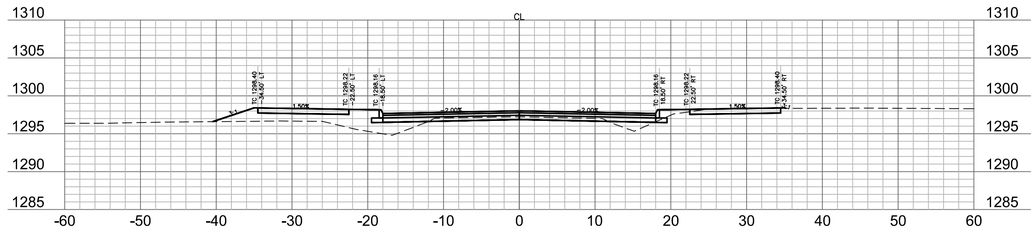

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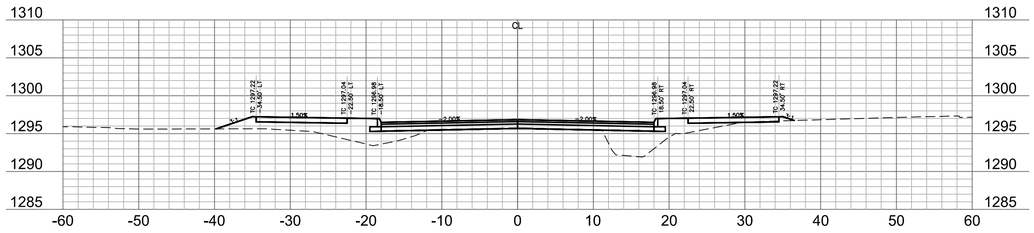

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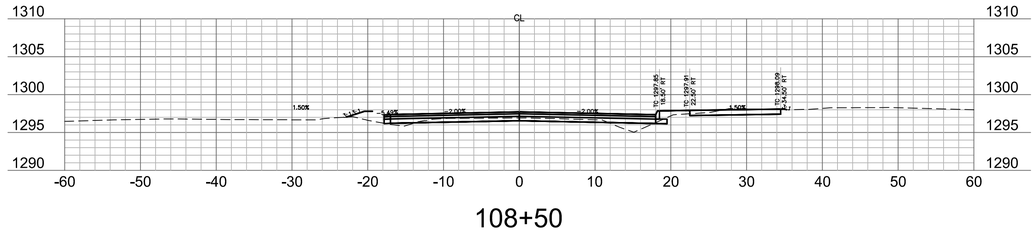

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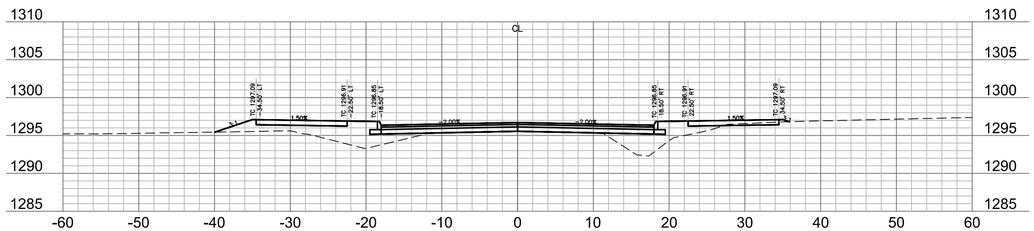

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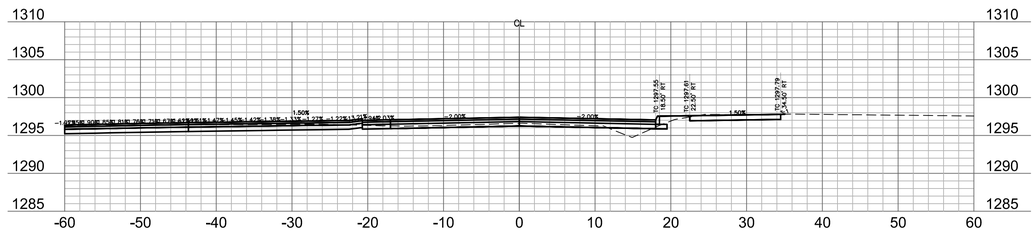

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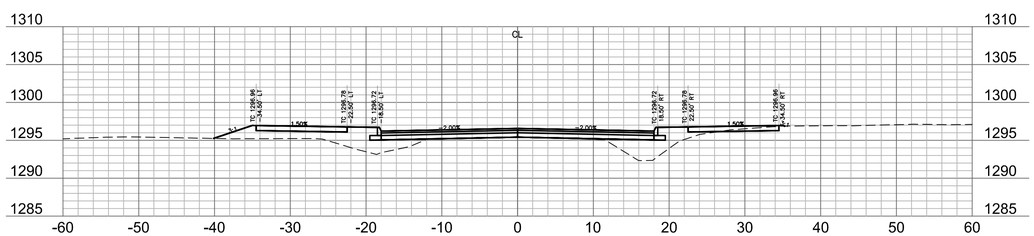

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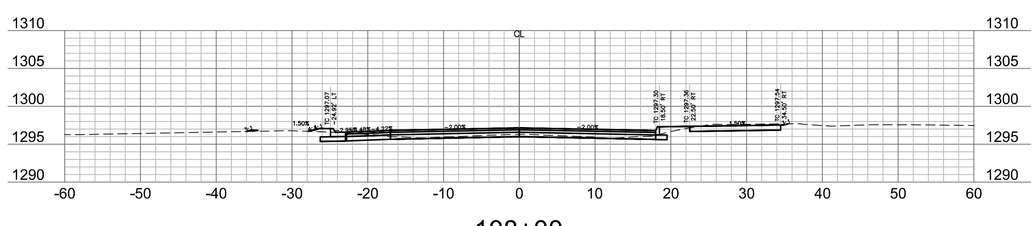

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drawing no.: T_XSV_01_I2104210
date: 4/25/2022

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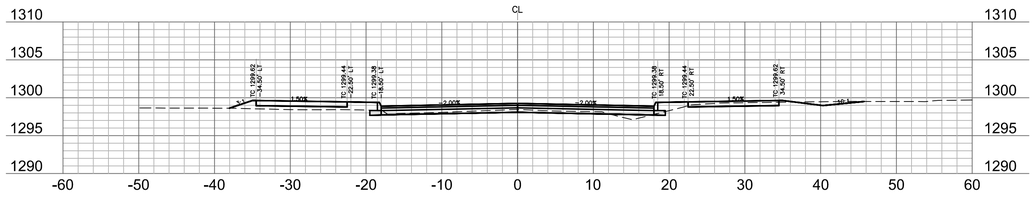

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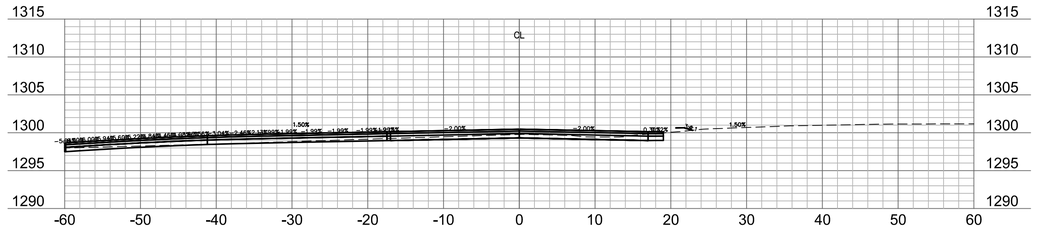

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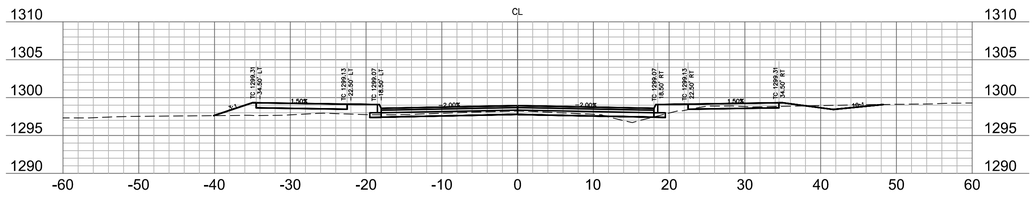

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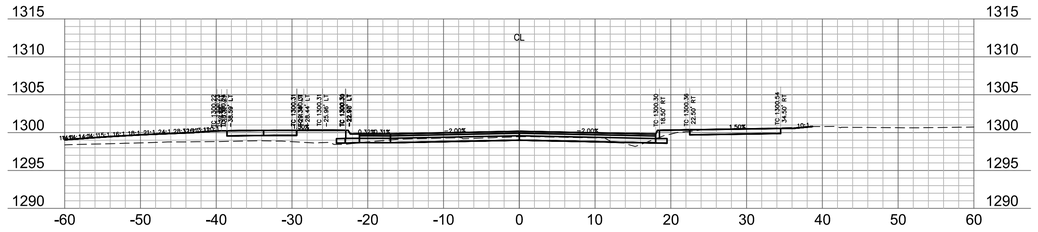

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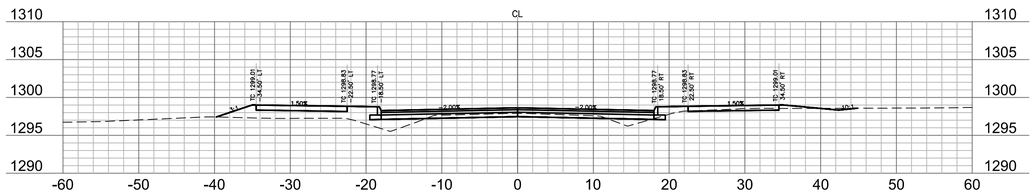

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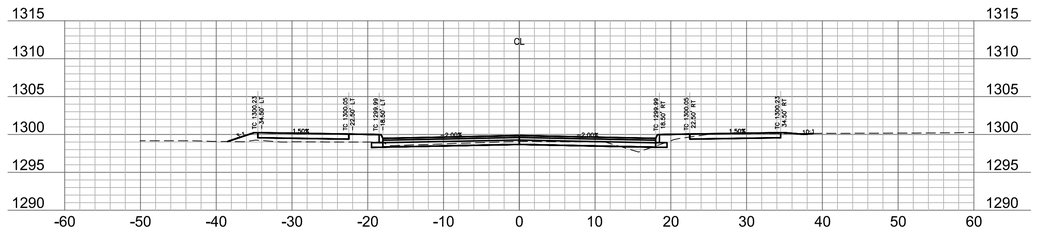

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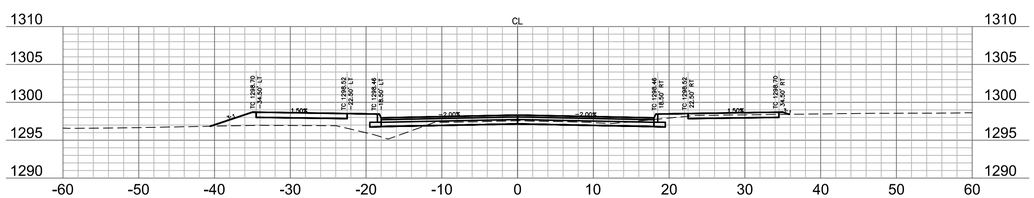

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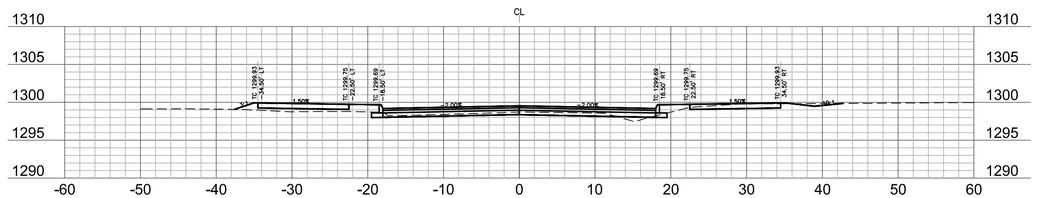

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checked by: AR
approved by: AR
QA/QC by: AR
project no.: I21-04210
drawing no.: T_XSV_01_I2104210
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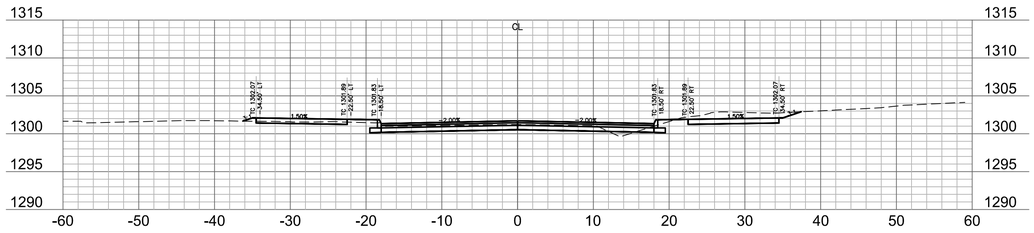

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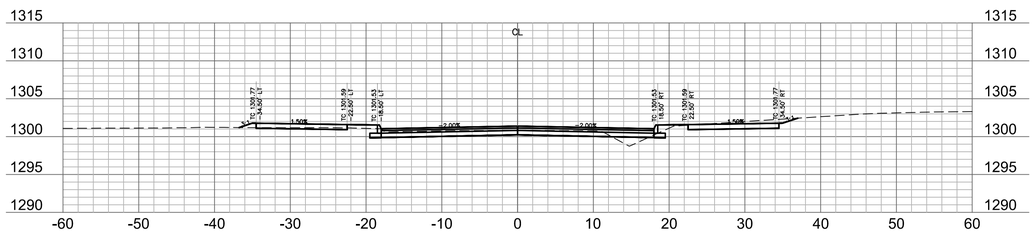

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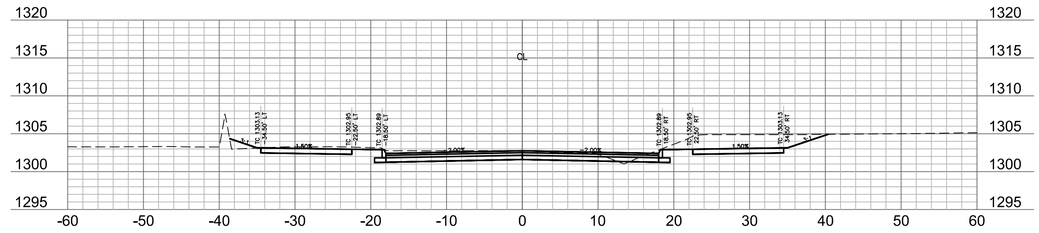

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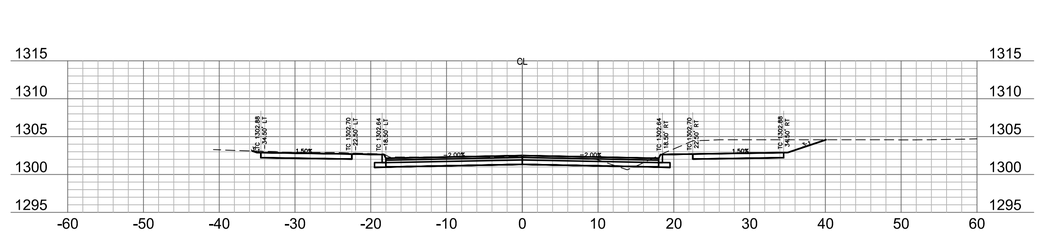

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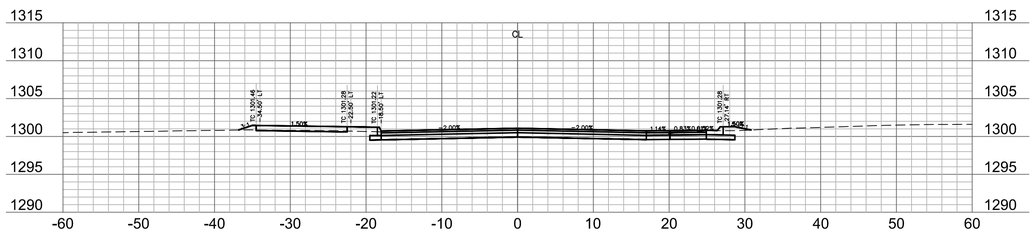

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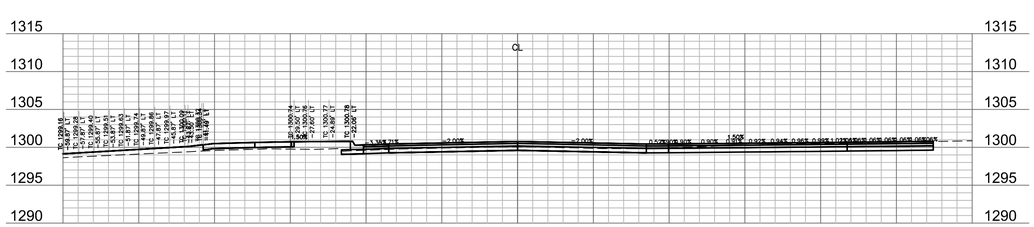

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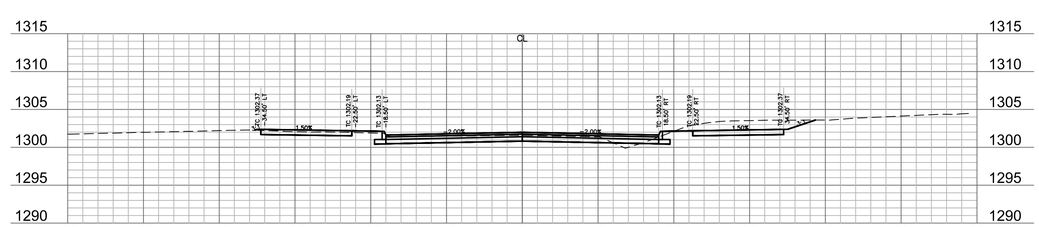

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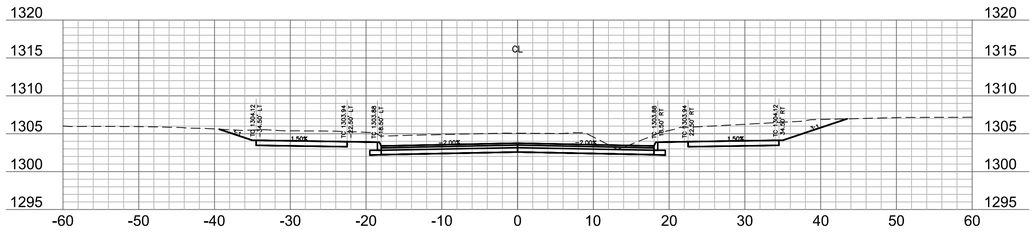

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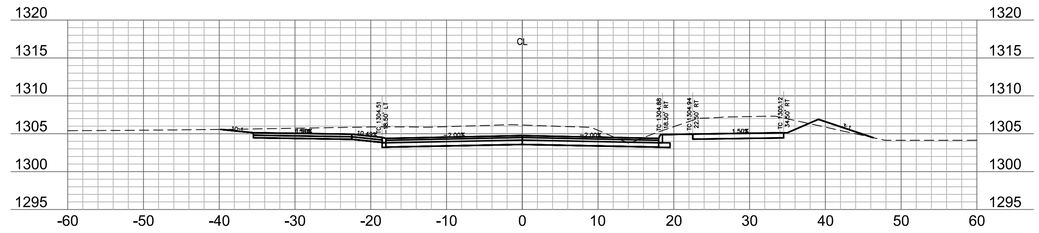

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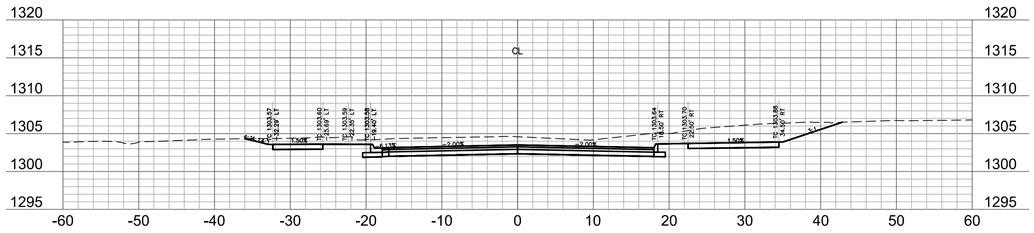

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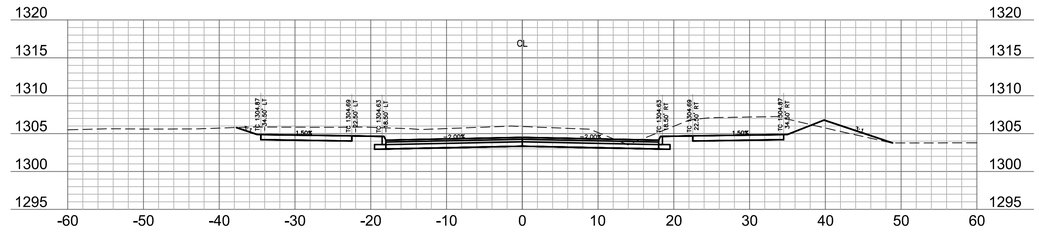

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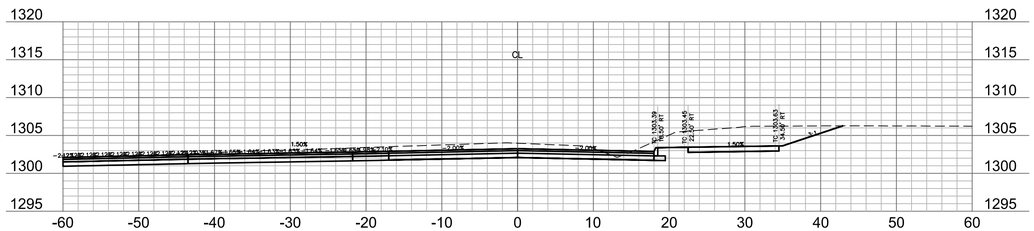

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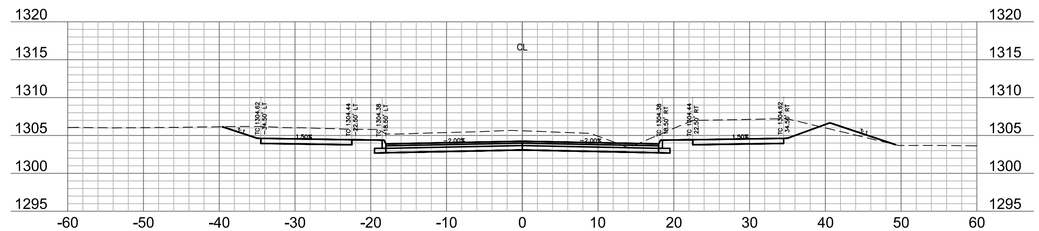

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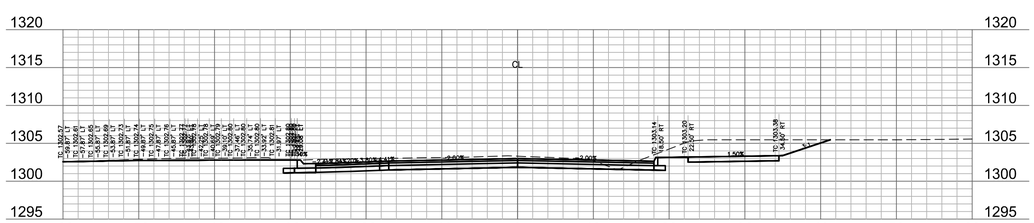

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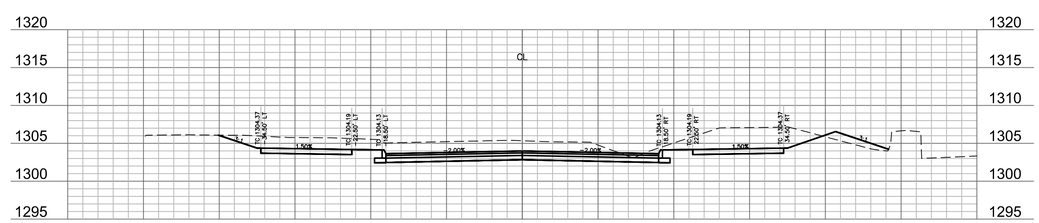

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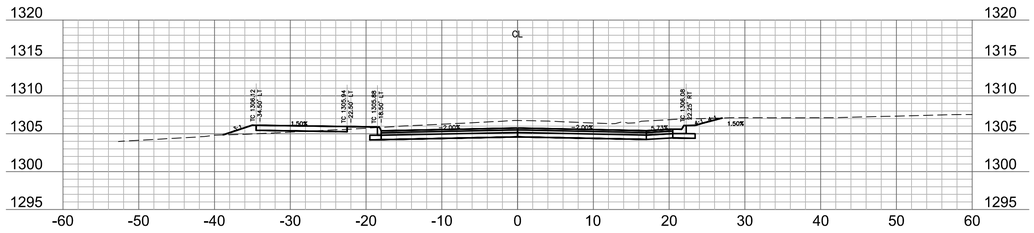

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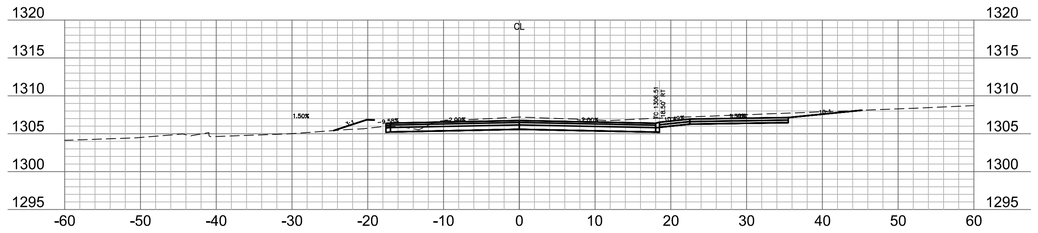

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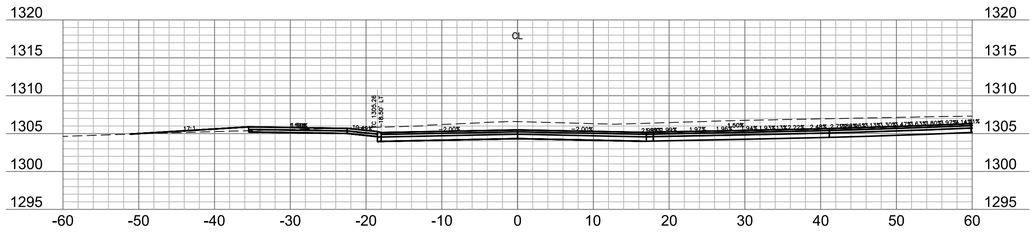

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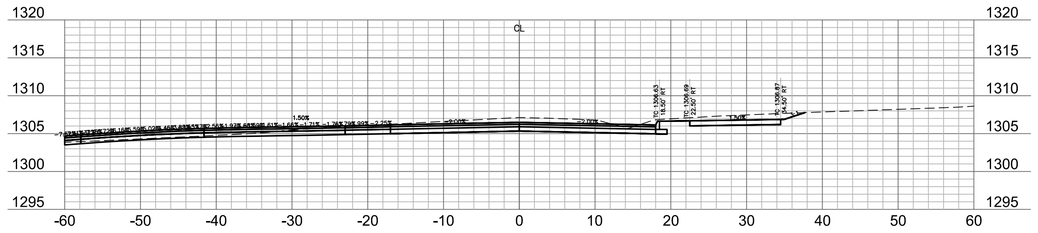

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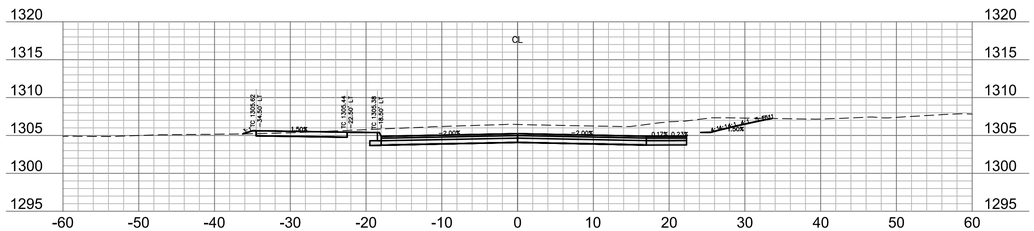

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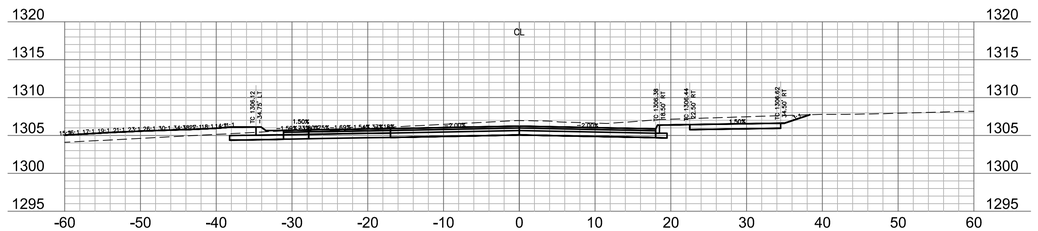

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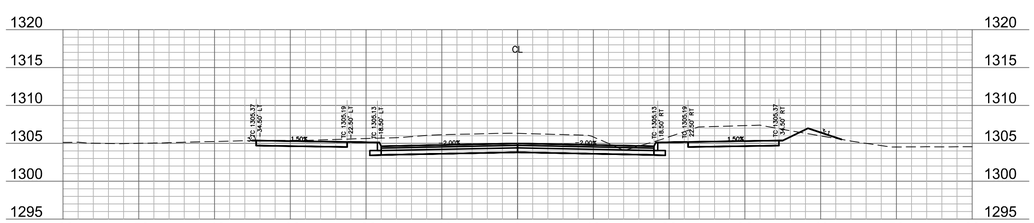

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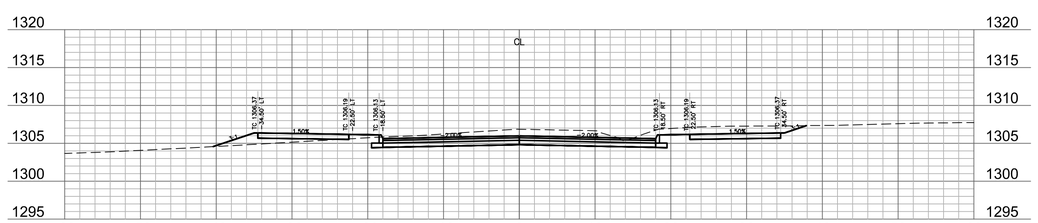

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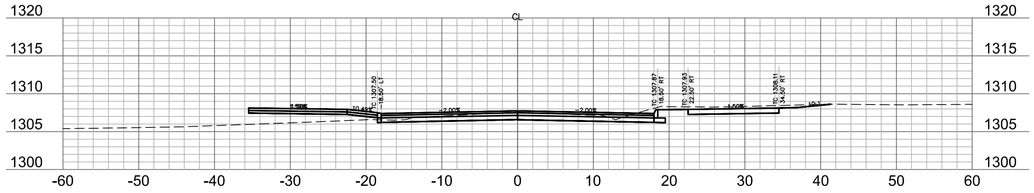

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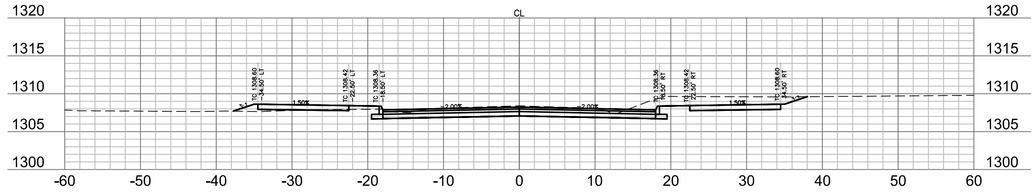

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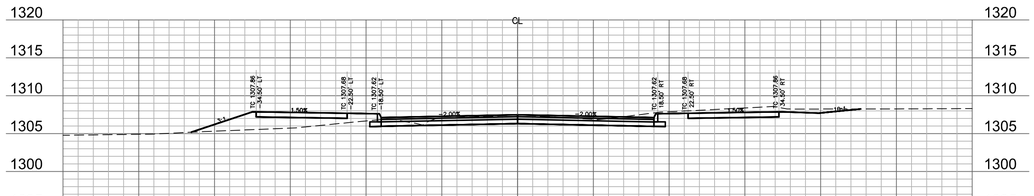

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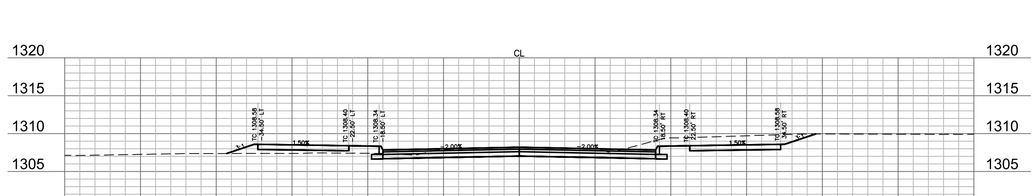

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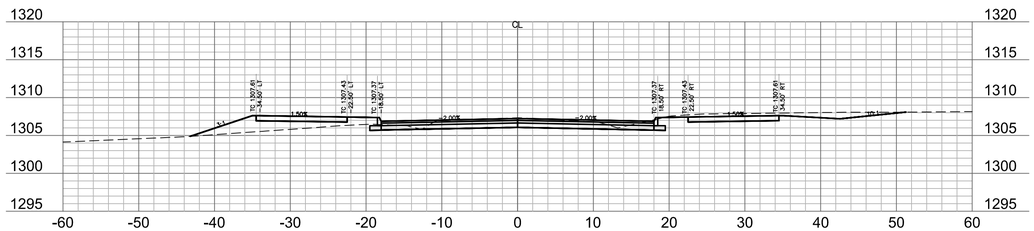

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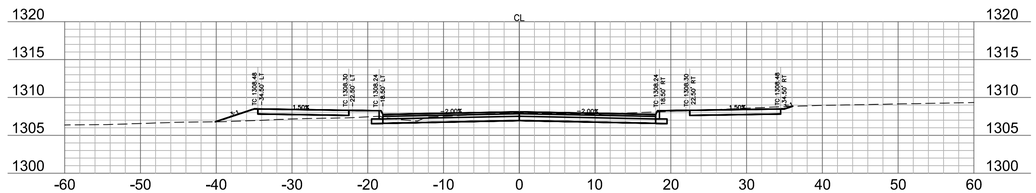

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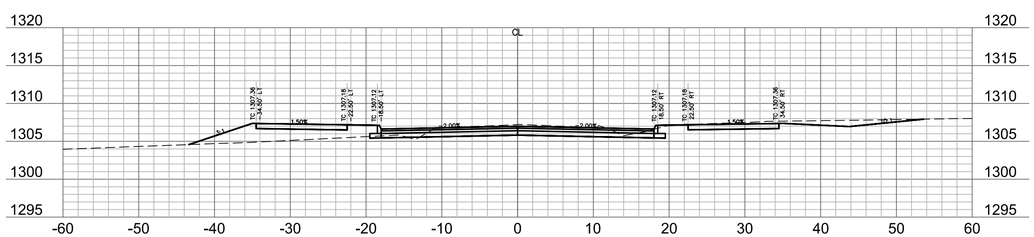

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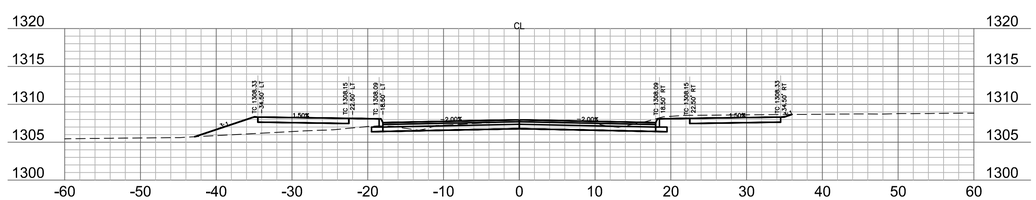

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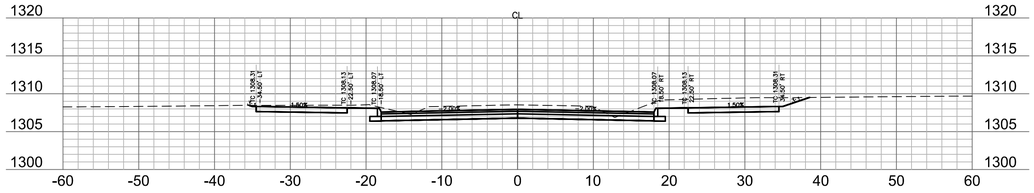

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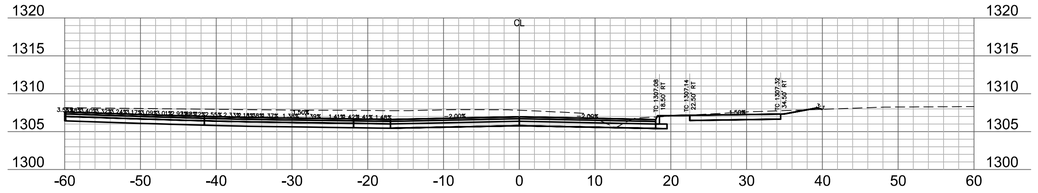

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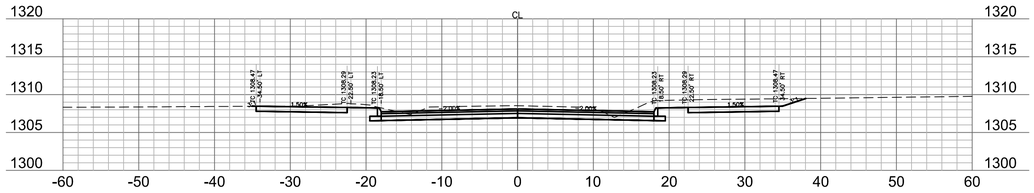

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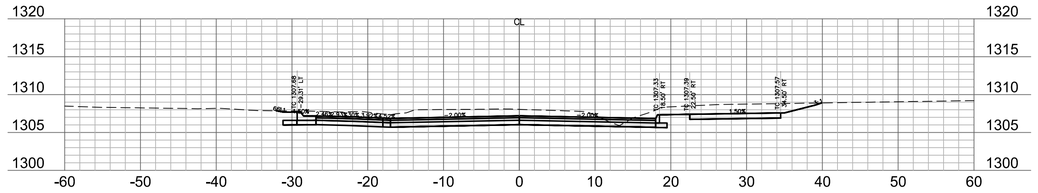

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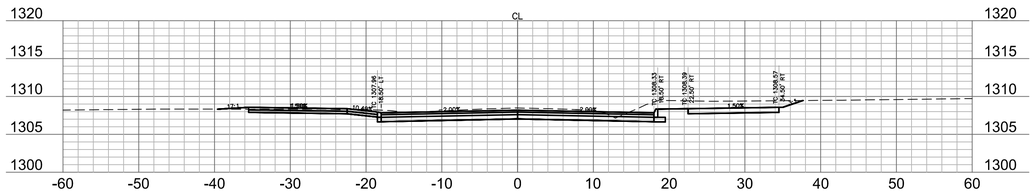

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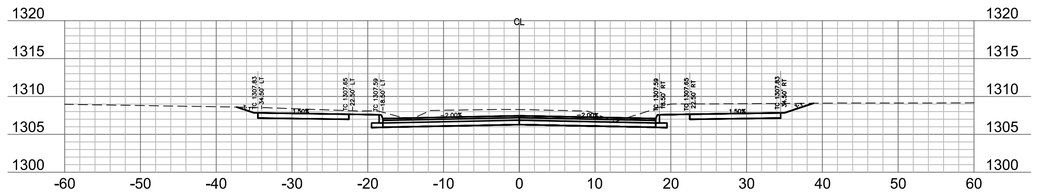

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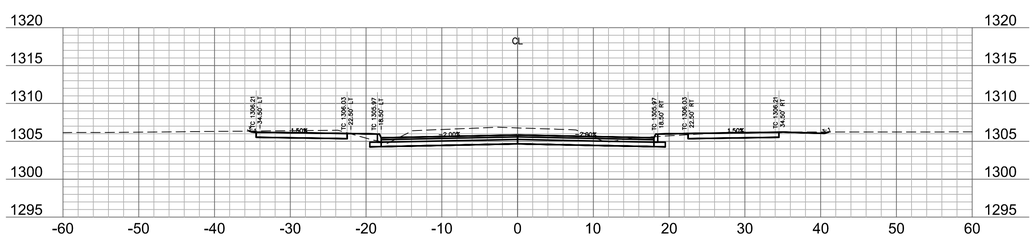

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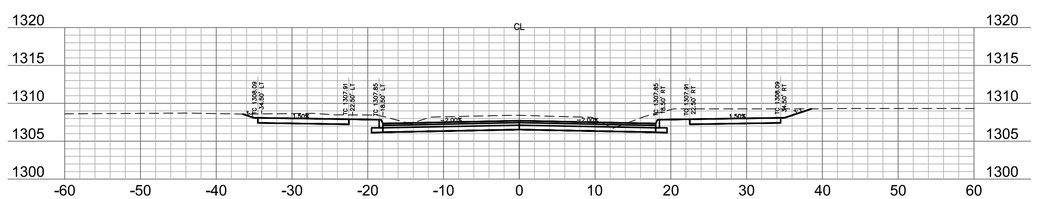

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E. BATTLEFIELD BOULEVARD IMPROVEMENTS

BENTONVILLE, AR

2022

drawn by: NS
checked by: AR
approved by: AR
QA/QC by: AR
project no.: I21-04210
drawing no.: T_XSV_02_I2104210
date: 4/25/2022

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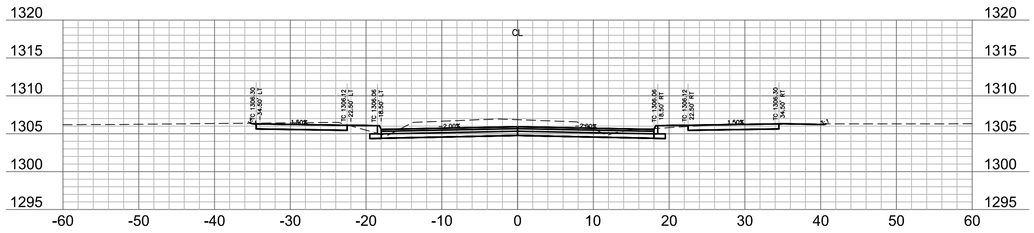

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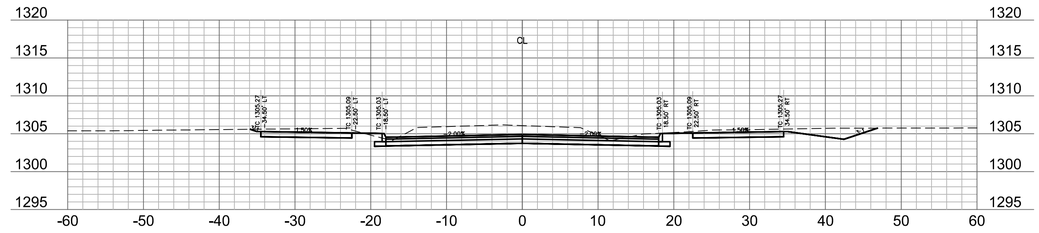

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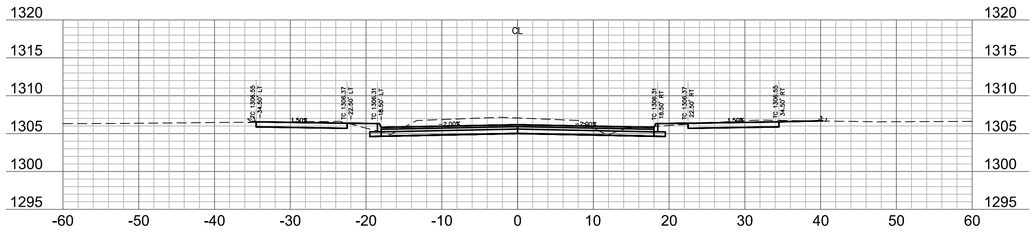

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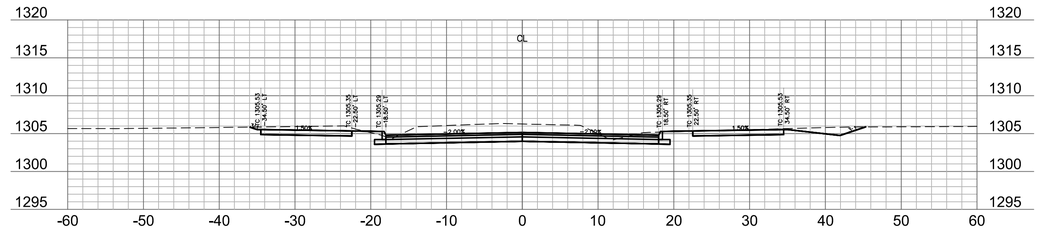

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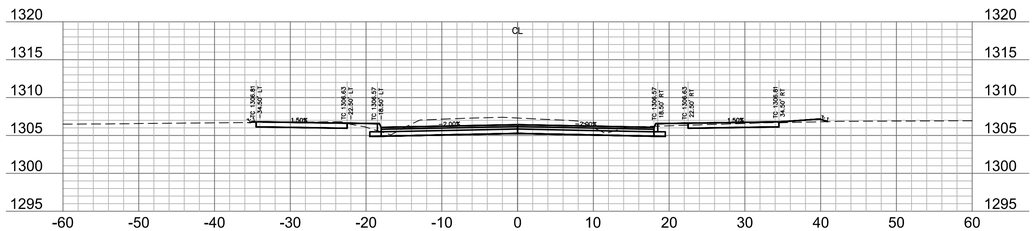

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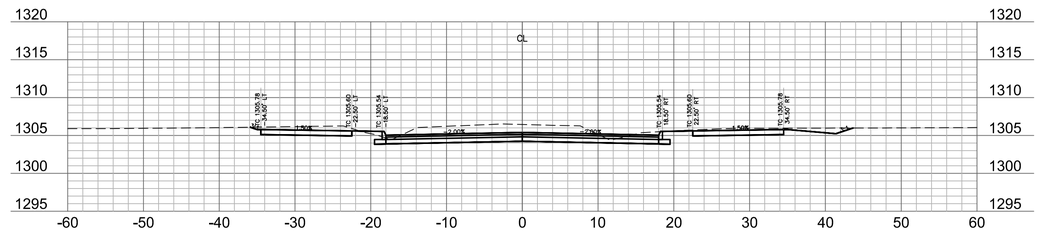

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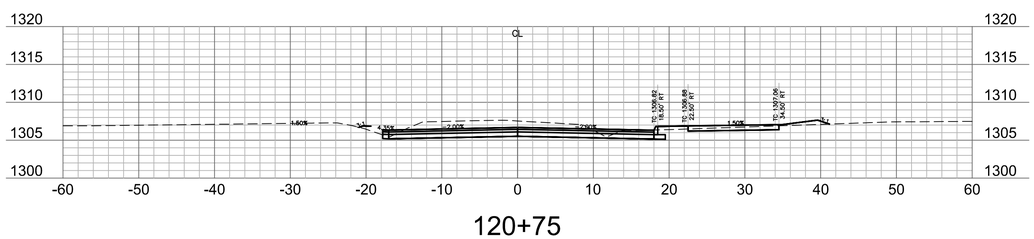

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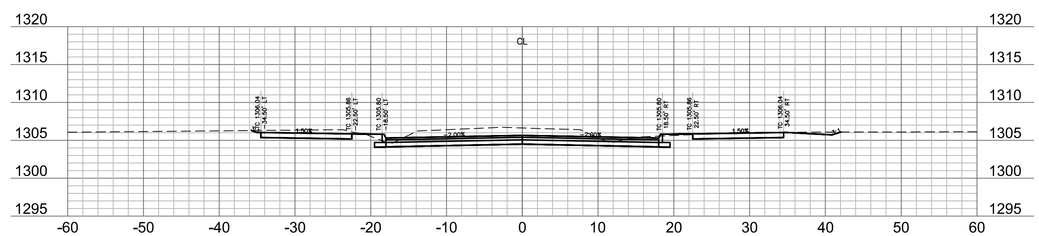

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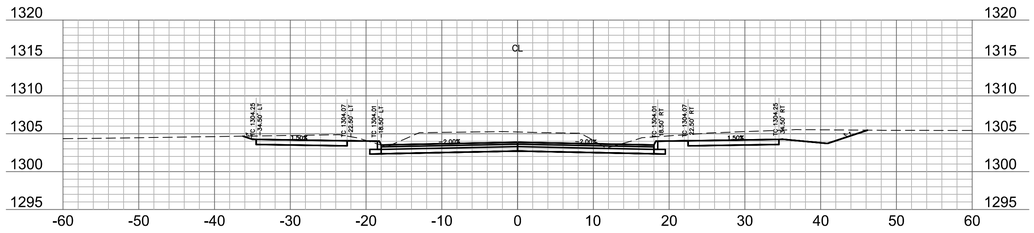

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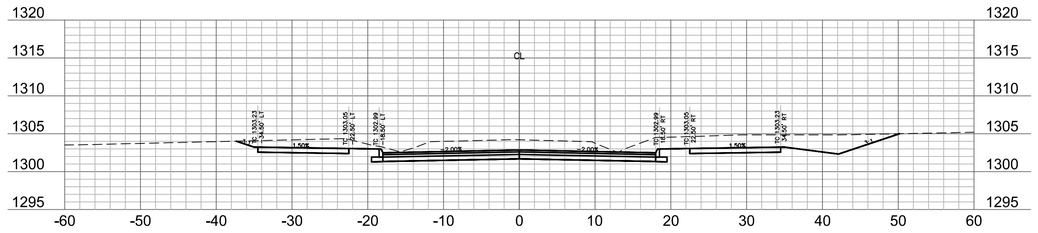

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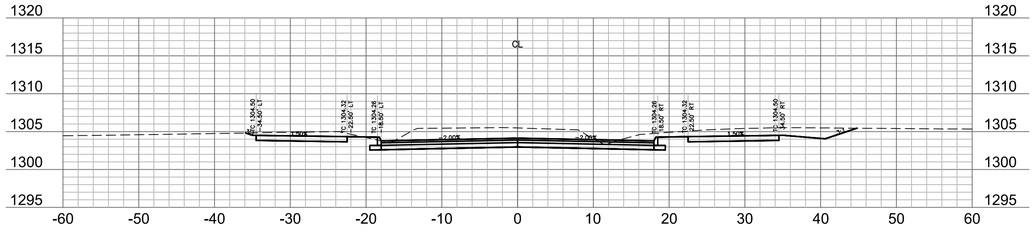

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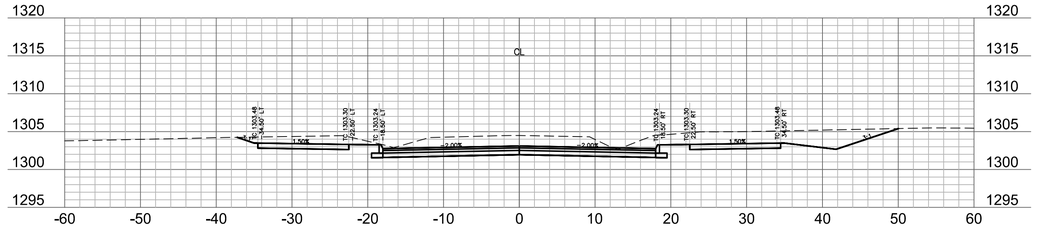

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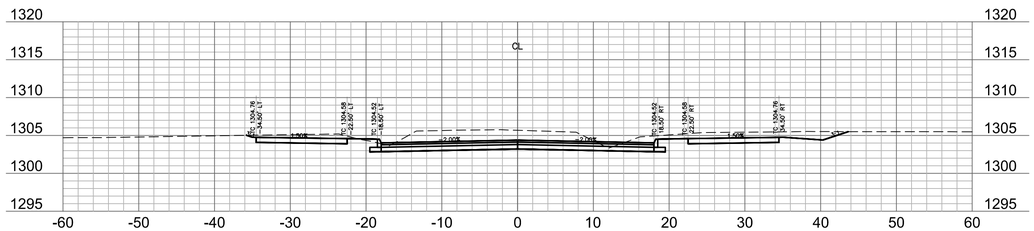

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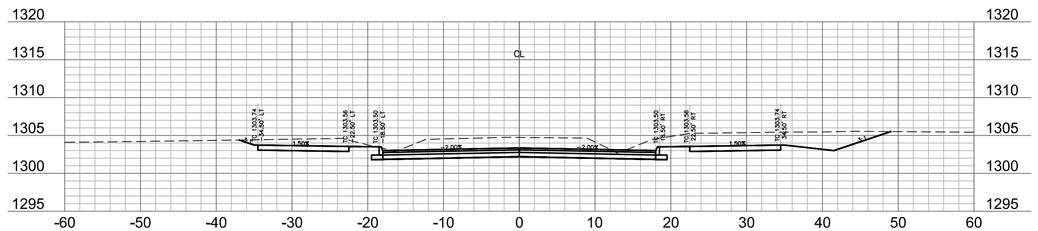

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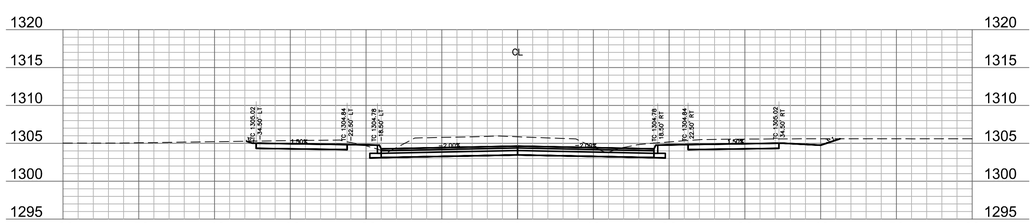

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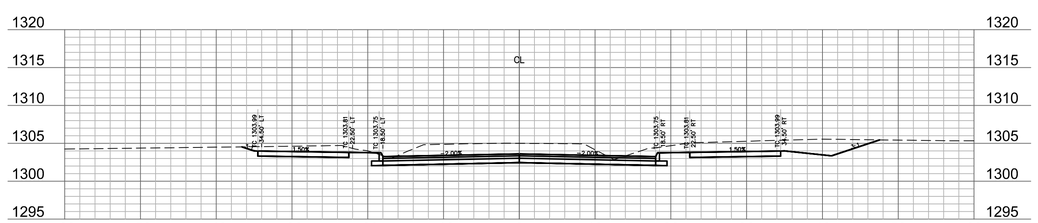

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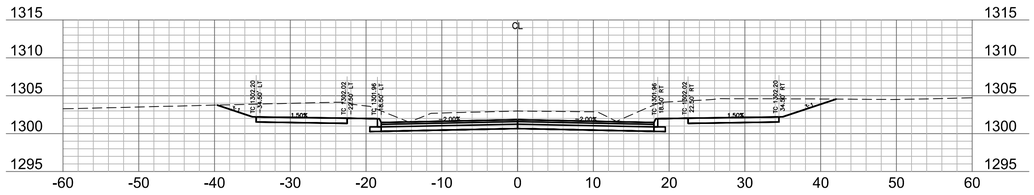

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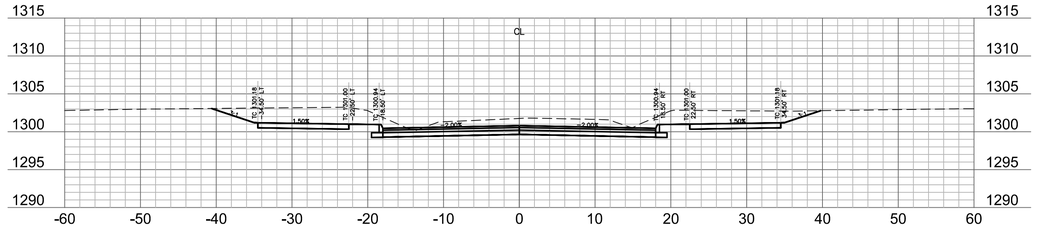

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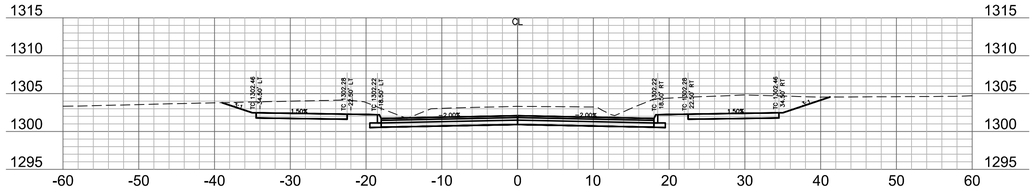

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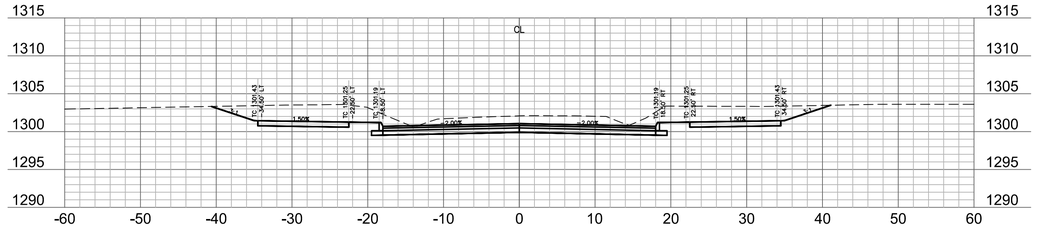

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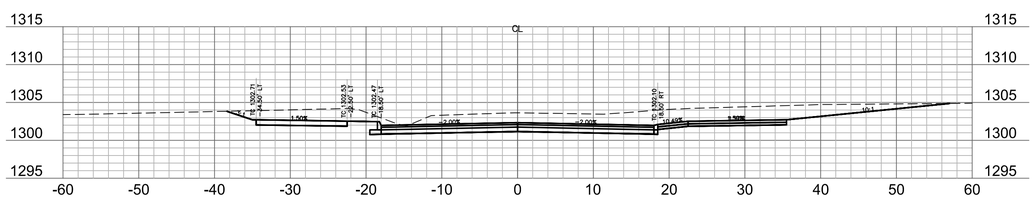

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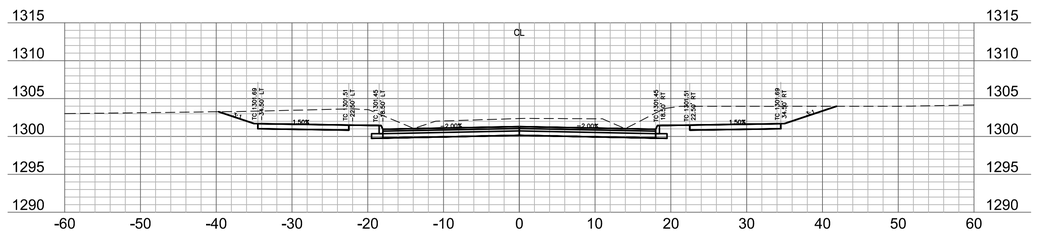

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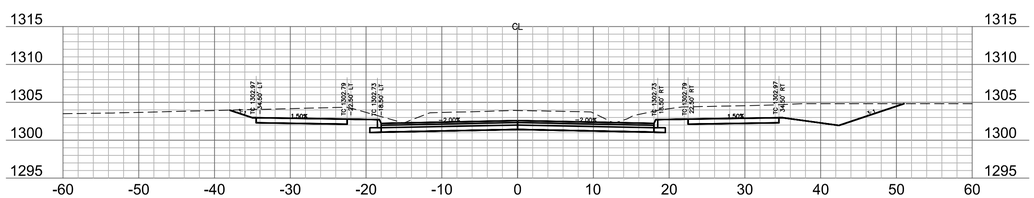

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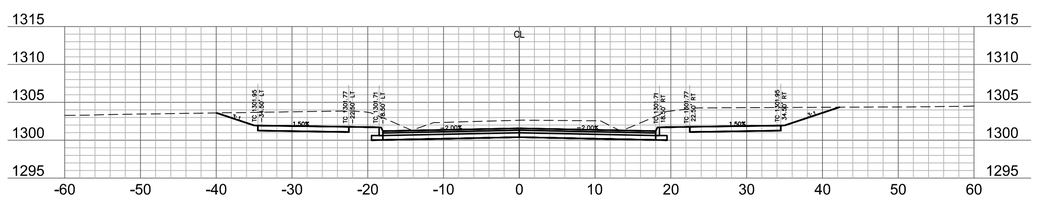

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project no.: I21-04210
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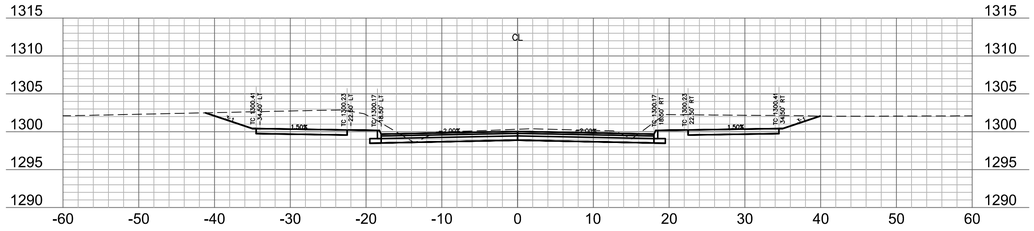

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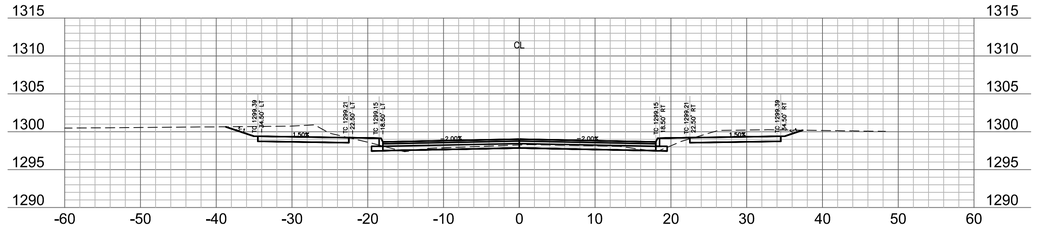

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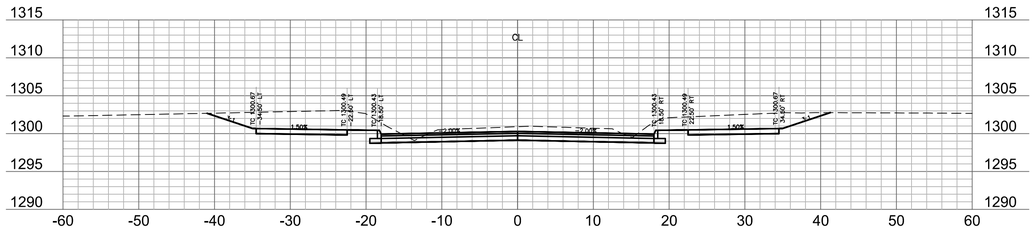

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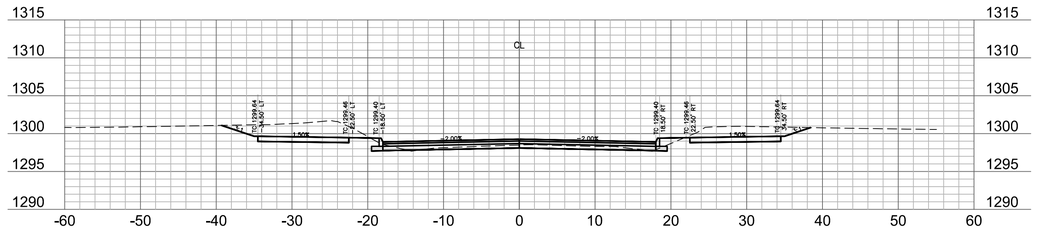

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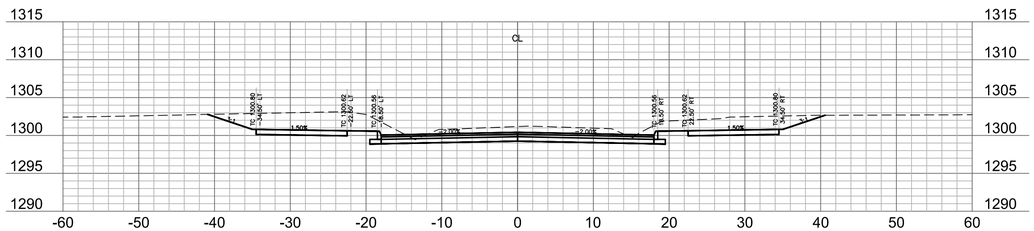

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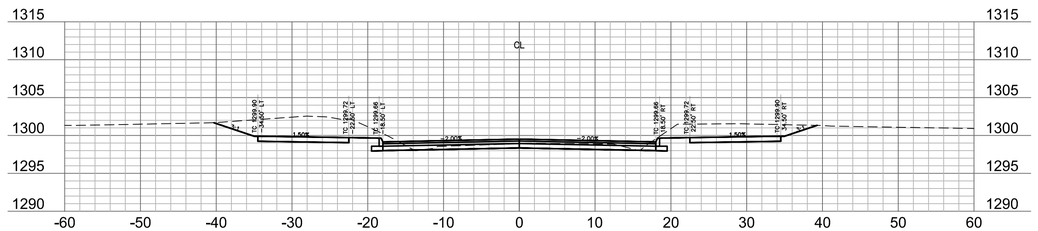

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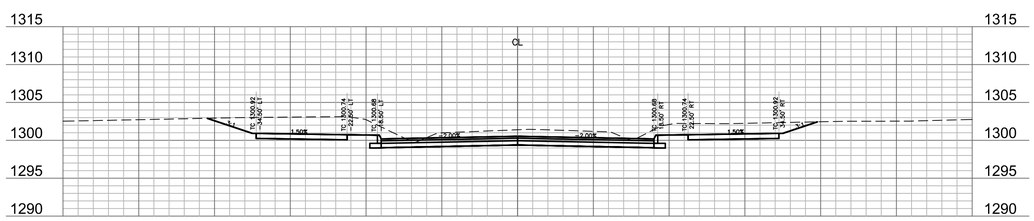

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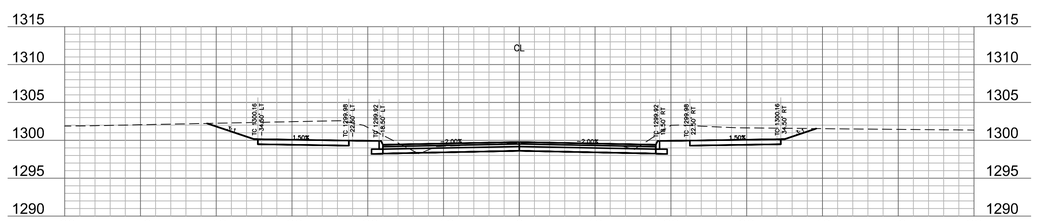

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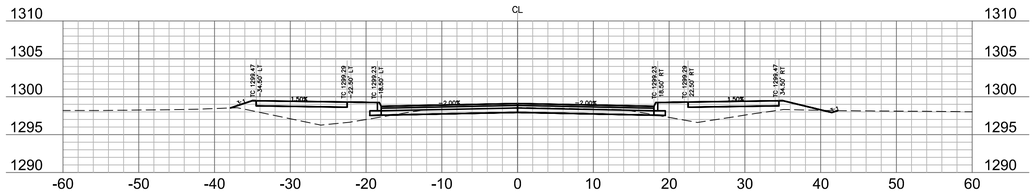

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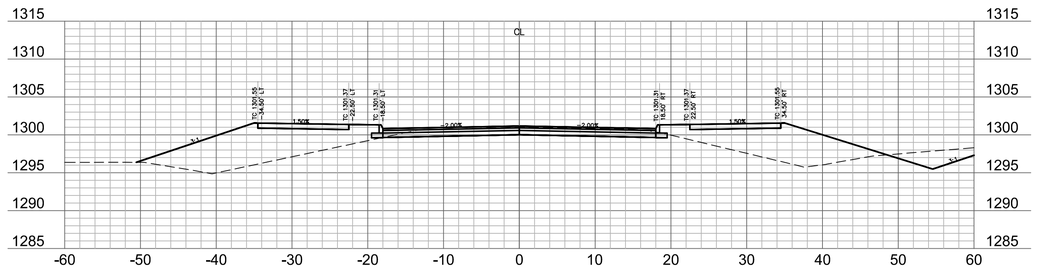

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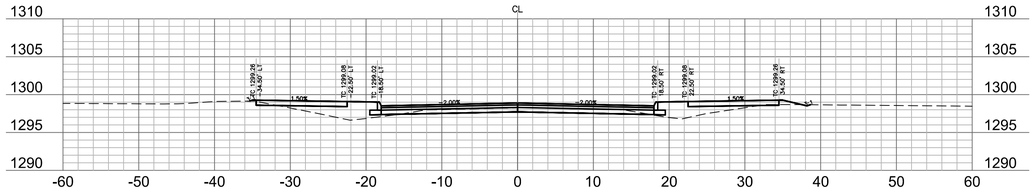

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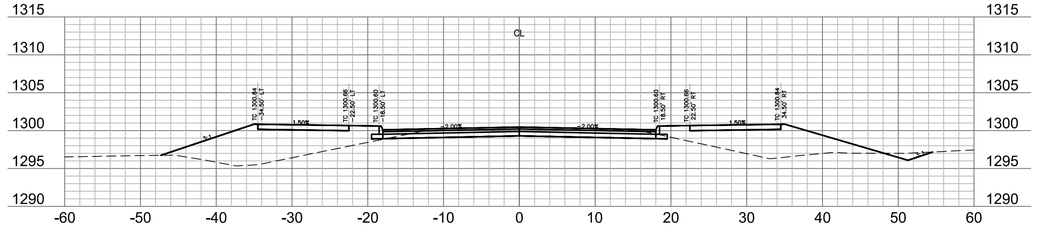

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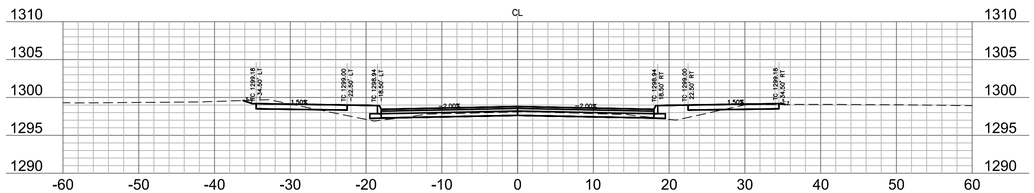

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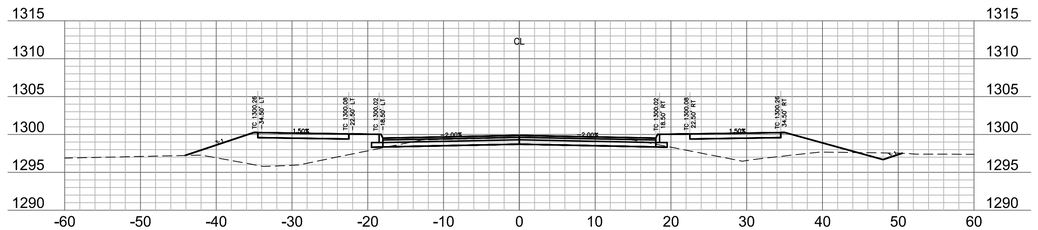

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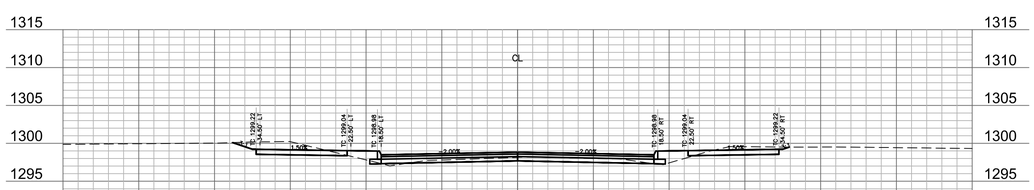

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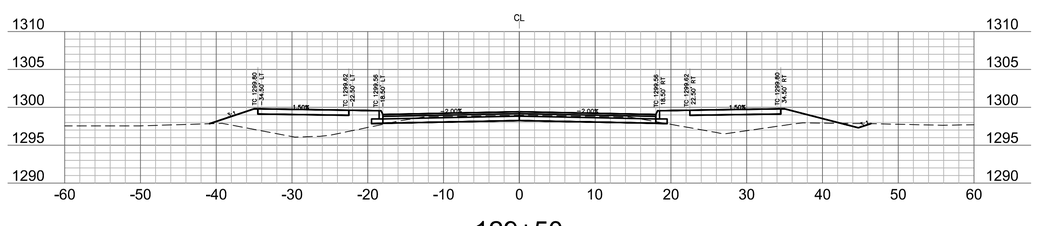

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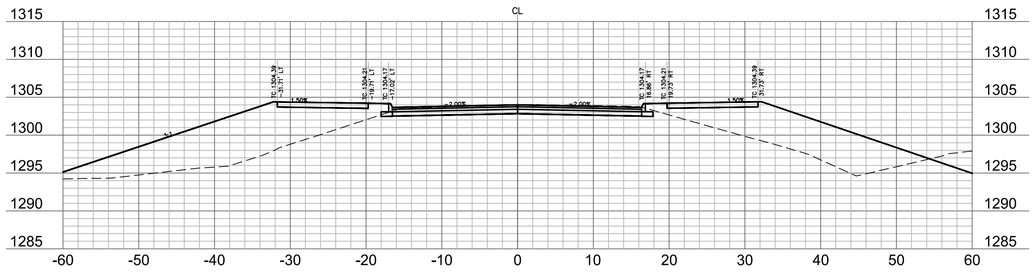

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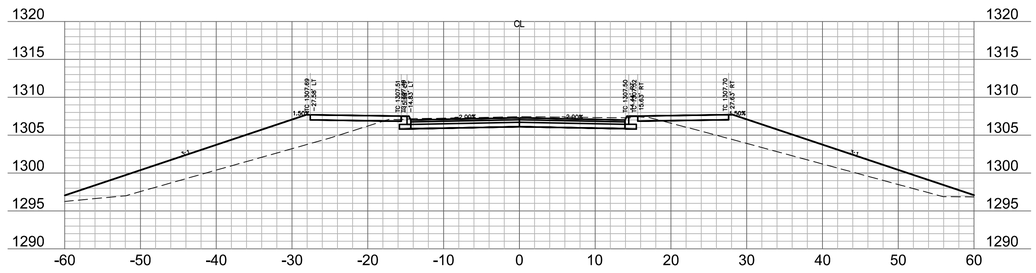

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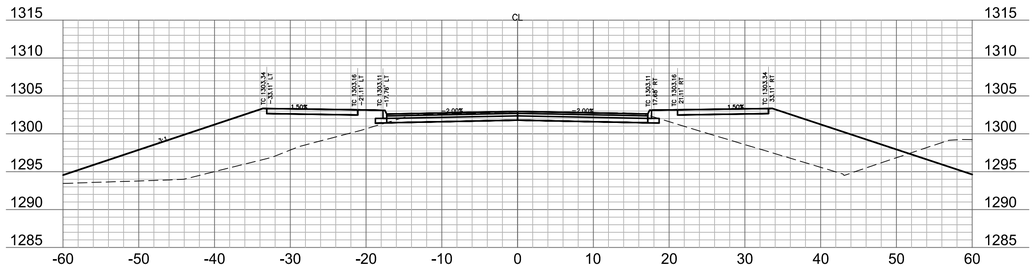

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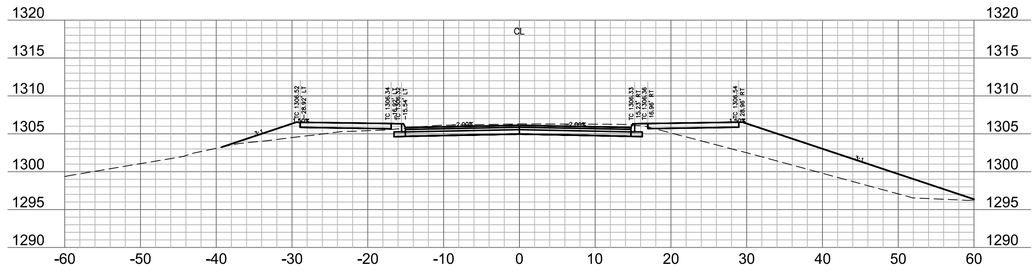

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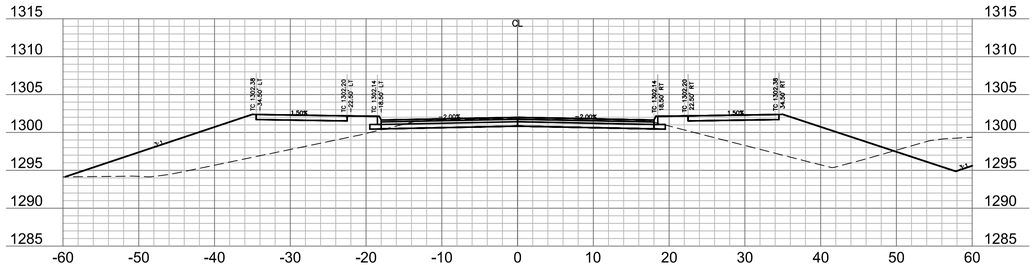

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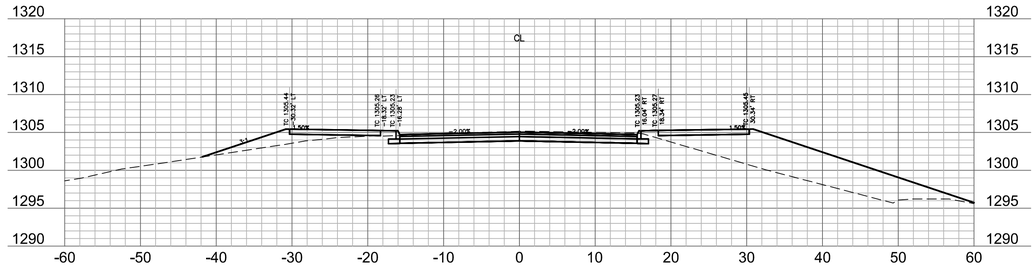

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REV. NO.	DATE	REVISIONS DESCRIPTION	BY
		REVISIONS	

CROSS SECTIONS

E. BATTLEFIELD BOULEVARD IMPROVEMENTS

BENTONVILLE, AR

2022

drawn by: NS
checked by: AR
approved by: AR
QA/QC by: AR
project no.: I21-04210
drawing no.: T_XSV_03_I2104210
date: 4/25/2022

SHEET
66 of 40

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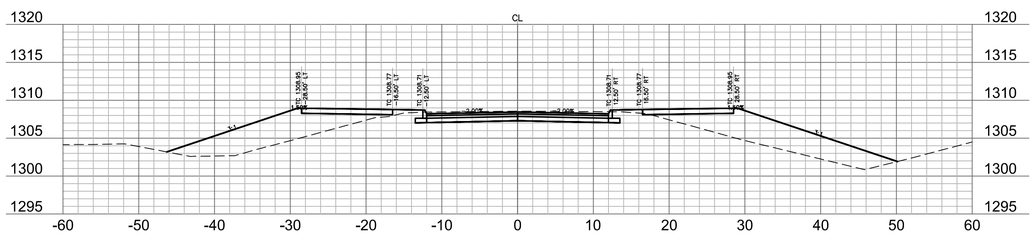

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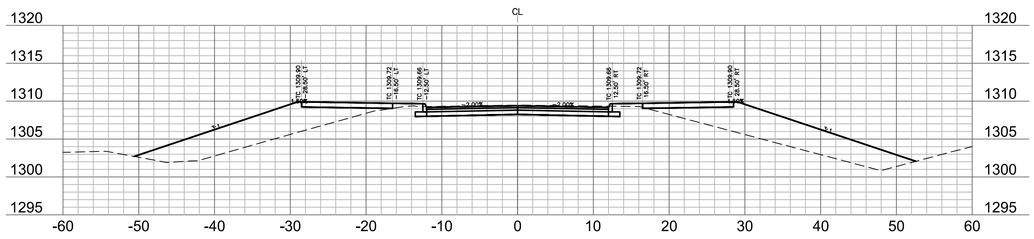

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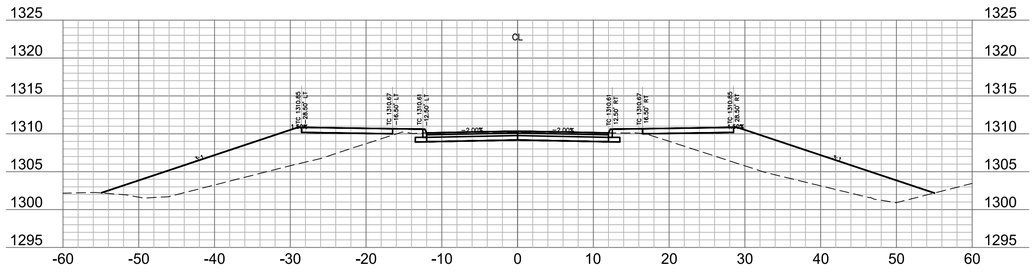

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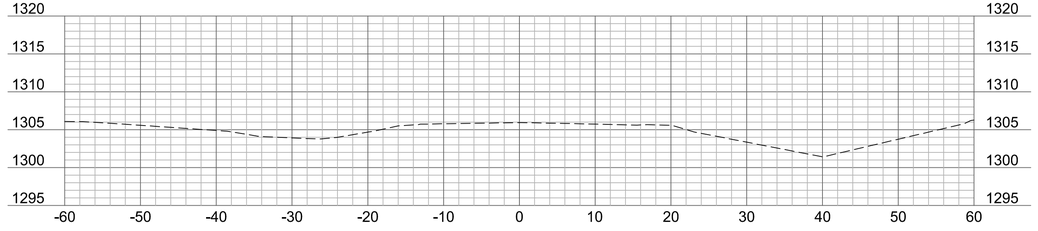

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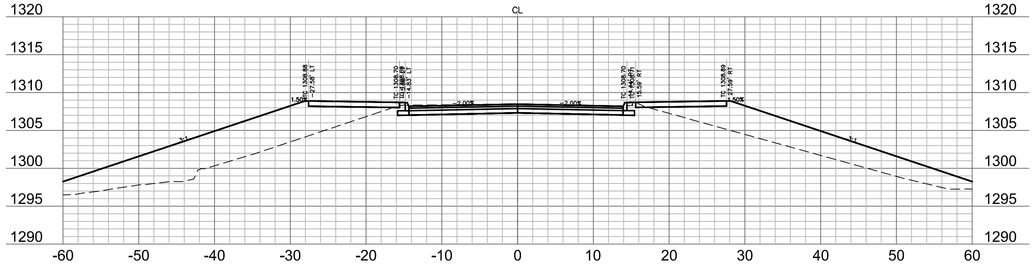

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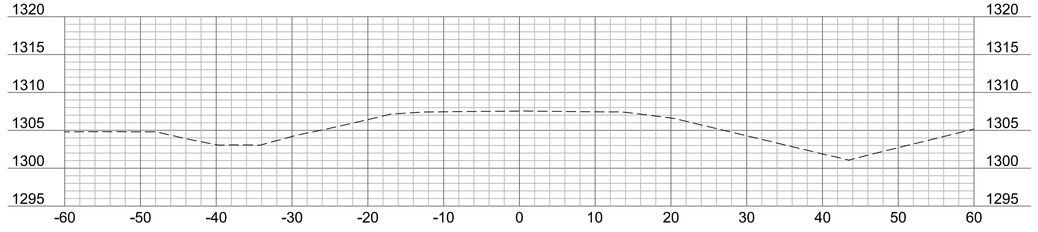

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