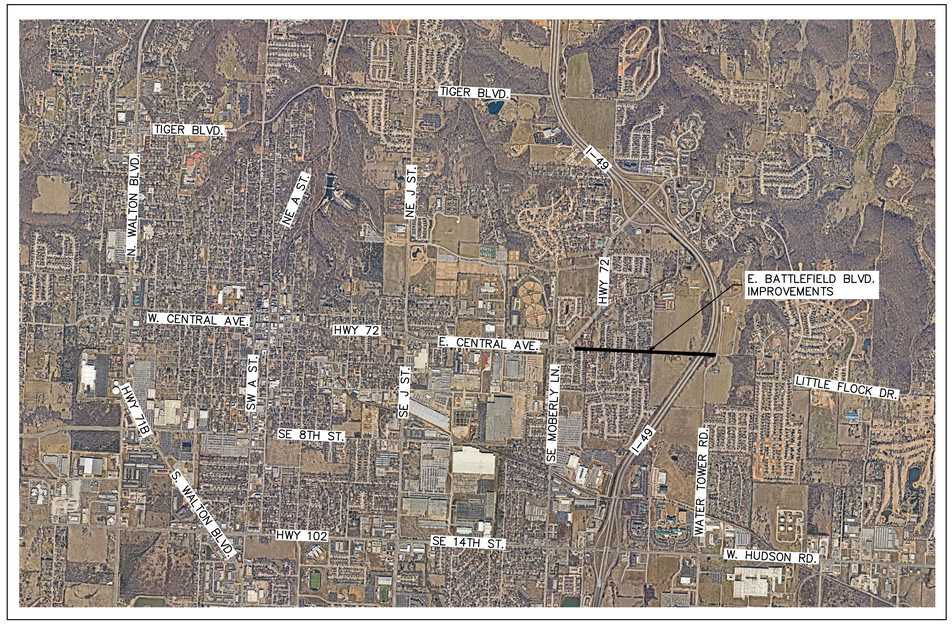
E. BATTLEFIELD BOULEVARD IMPROVEMENTS

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

LEGEND

○	FOUND MONUMENT (AS NOTED)	⟵	GUY WIRE
●	SET 1/2" REBAR W/PLASTIC CAP, "LC 366"	IRR	IRRIGATION VALVE
■	SET 5/8" REBAR w/aluminum cap, "LC 366"		LIGHT POLE
AC	AIR CONDITIONER	MLB	MAIL BOX
	BENCHMARK	(M)	MEASURED
	BOLLARD		MONITORING WELL
B	BREAKER Box	(P)	PLATTED
	BUSH		POWER POLE
E	CABLE BOX	PPT	POWER POLE W/LIGHT
CV	CABLE Vault	RD	ROOF DRAIN
	CAMERA		SANITARY CLEANOUT
COL	COLUMN	S	SANITARY MANHOLE
	CONIFEROUS Tree	D	STORM MANHOLE
	DECIDUOUS TREE		SIGN
(D)	DEEDED		SCHEDULE B-II EXCEPTION
E	ELECTRIC BOX	SPH	SPRINKLER HEAD
ER	ELECTRIC BOX		STEEL POST
E	ELECTRIC MANHOLE		TELEPHONE CABINET
EM	ELECTRIC METER	TP	TELEPHONE PEDESTAL
ELO	ELECTRICAL OUTLET	T	TELEPHONE RISER
EV	ELECTRIC VAULT	T	TELEPHONE MANHOLE
	FIRE DEPT. CONNECTION	TC	TRAFFIC CONTROL BOX
	FIRE HYDRANT	TS	TRAFFIC SIGNAL BOX
F	FIBER OPTIC BOX		TRAFFIC SIGNAL POLE
FO	FIBER OPTIC PEDESTAL		TRANSFORMER
	FLARED END SECTION		VENT PIPE
GAS	GAS MARKER	W	WATER MANHOLE
GM	GAS METER	WM	WATER METER
GV	GAS VALVE	WV	WATER VALVE
GV	GAS VAULT		WOOD POST
	GRATE INLET	SCV	SPRINKLER CONTROL VALVE
	GREASE TRAP		

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

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

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

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

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

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

INDEX OF SHEETS

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60% REVIEW

PREPARED & SUBMITTED BY

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

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TITLE SHEET AND INDEX OF SHEETS
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_TTL_I2104210
date: 06/15/2022

SHEET 1 of 67

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DATE: Jun 15, 2022 2:32pm
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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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GENERAL NOTES

E. BATTLEFIELD BOULEVARD IMPROVEMENTS

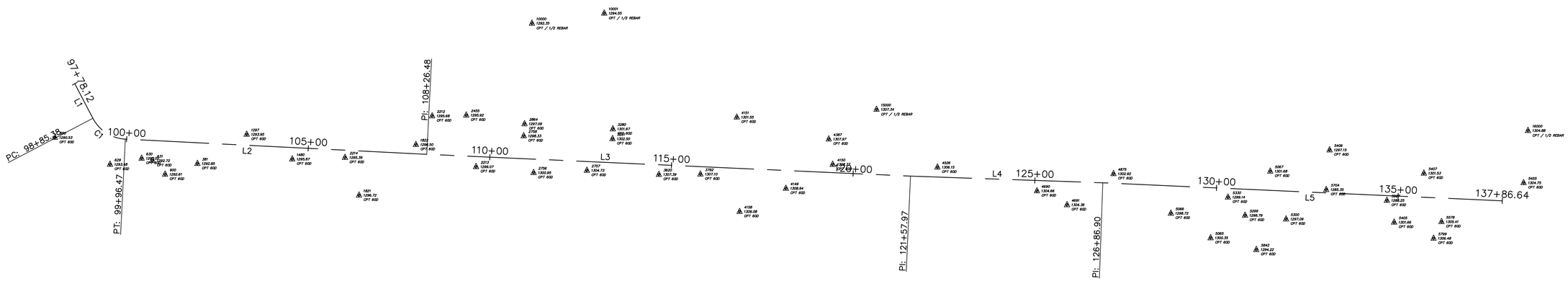
BENTONVILLE, AR

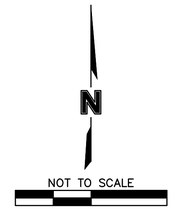
2022

drawn by: NS
checked by: AR
approved by: AR
QA/QC by: AR
project no.: I21-04210
drawing no.: T_GEN_J2104210
date: 06/15/2022

SHEET
2 of 67

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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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ALIGNMENT DATA

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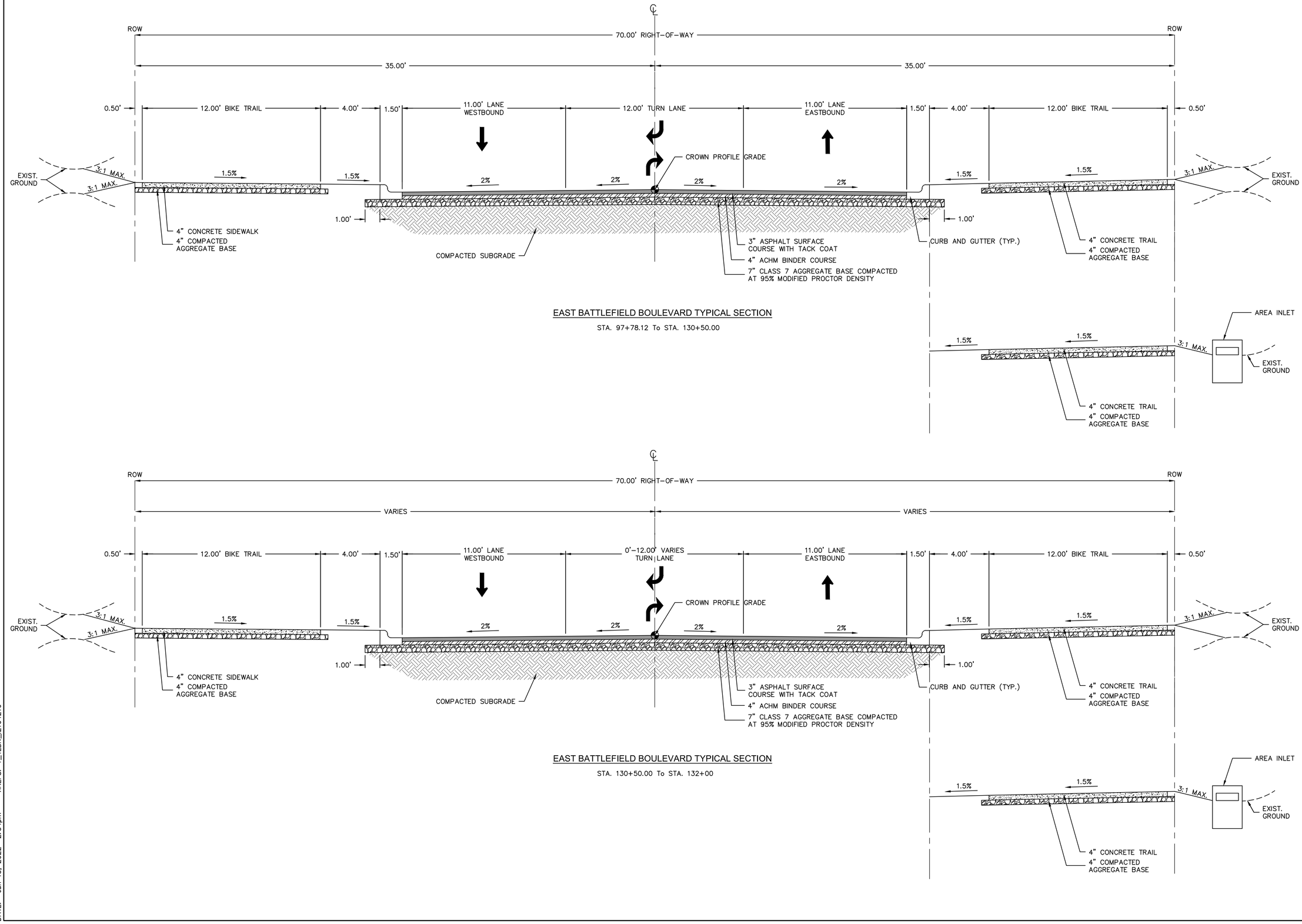
BENTONVILLE, AR

2022

drawn by: NS
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SHEET
3 of 67

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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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TYPICAL SECTIONS

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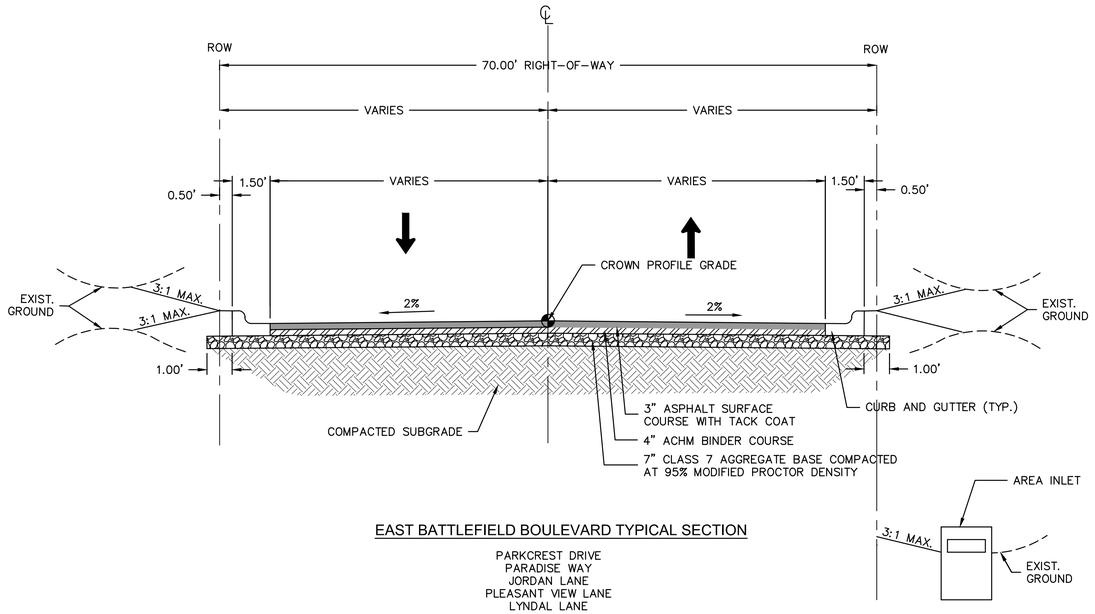
BENTONVILLE, AR

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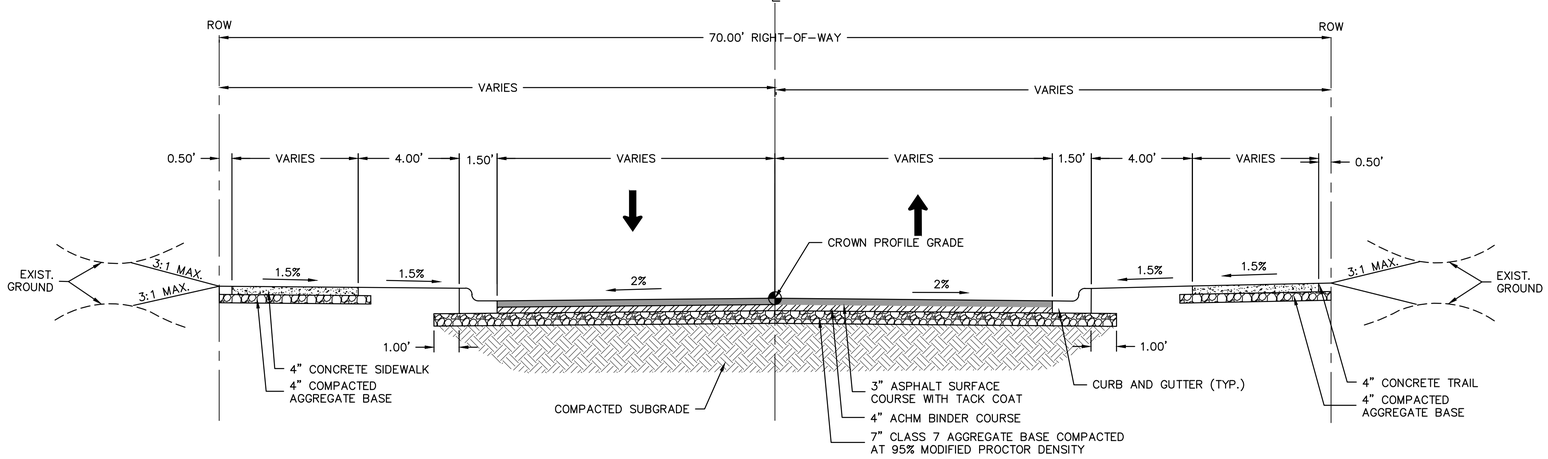
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EAST BATTLEFIELD BOULEVARD TYPICAL SECTION

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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TYPICAL SECTIONS

E. BATTLEFIELD BOULEVARD IMPROVEMENTS

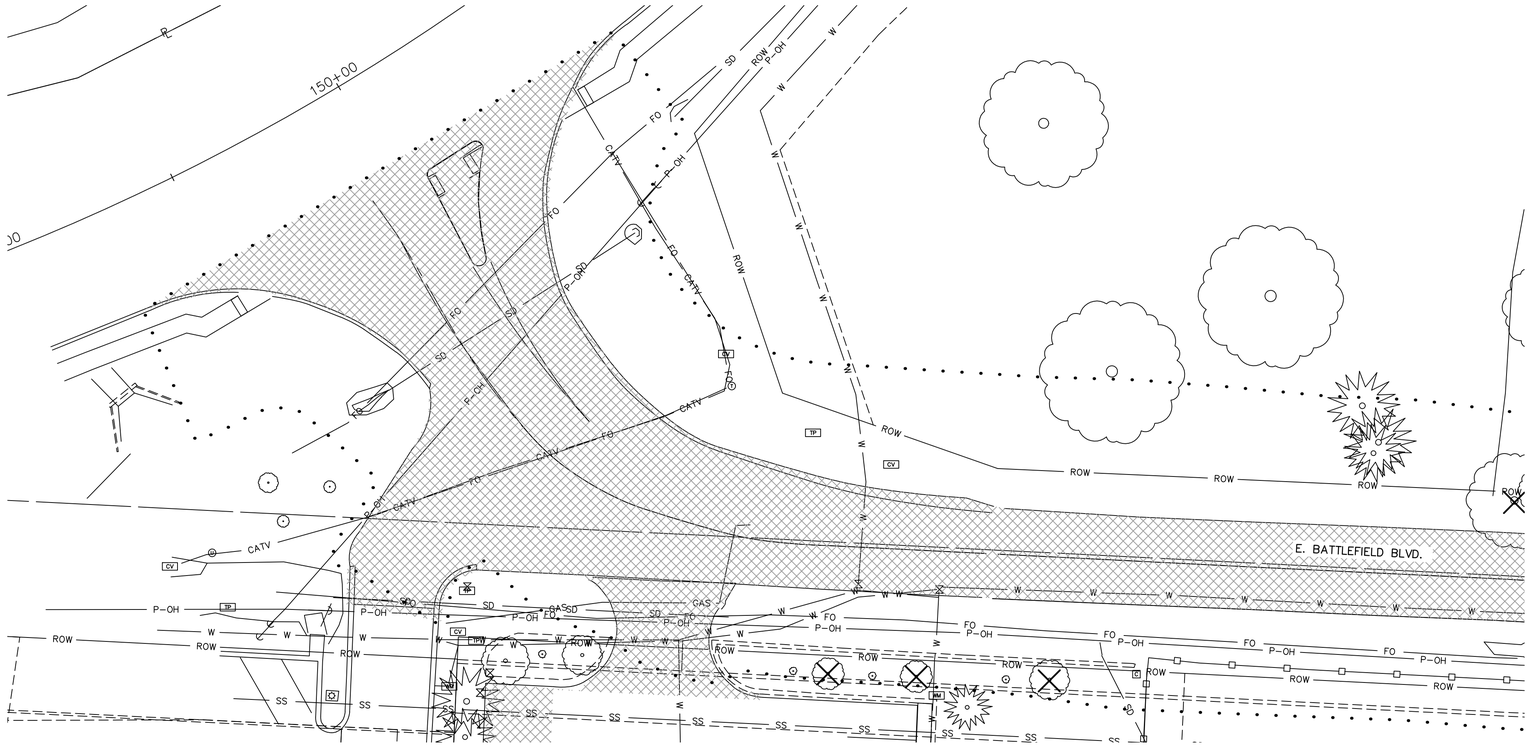
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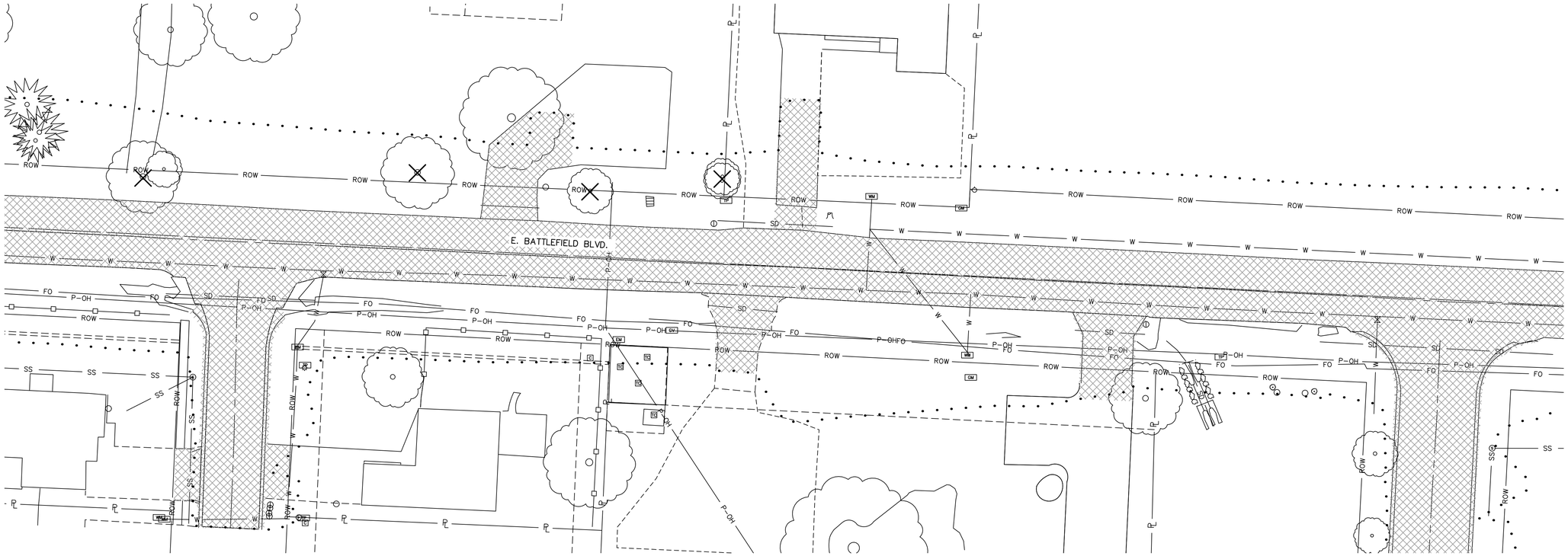
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checked by: AR
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drawing no.: T_TYP_I2104210
date: 06/15/2022

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LEGEND

- GRADING/CONSTRUCTION LIMITS
- PAVEMENT REMOVAL
- 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'
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DEMOLITION PLAN

E. BATTLEFIELD BOULEVARD IMPROVEMENTS

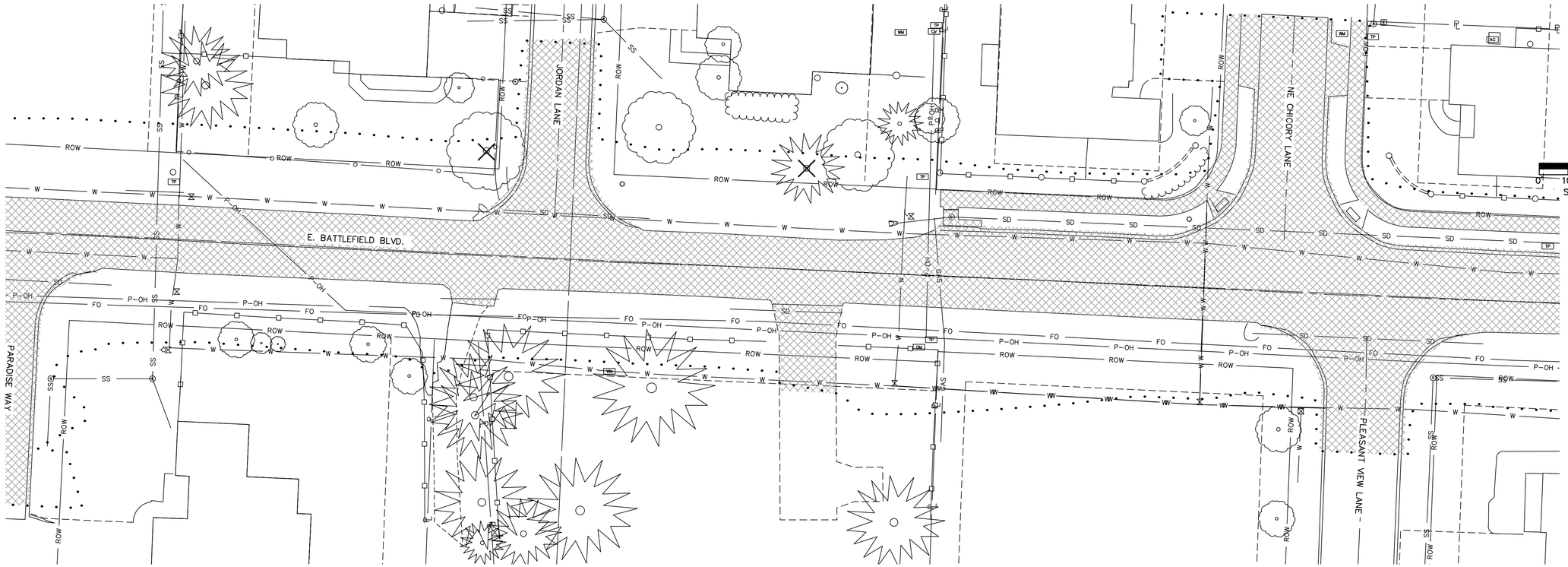
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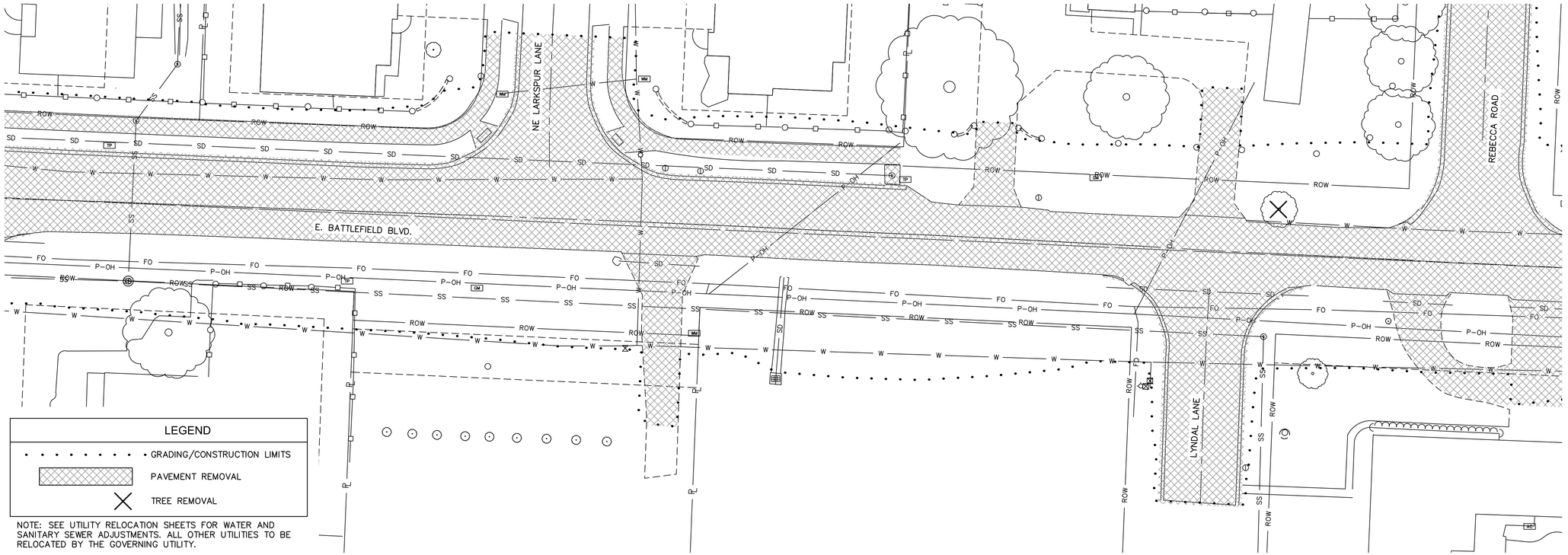
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project no.: I21-04210
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date: 06/15/2022

SHEET
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DEMOLITION PLAN

E. BATTLEFIELD BOULEVARD IMPROVEMENTS

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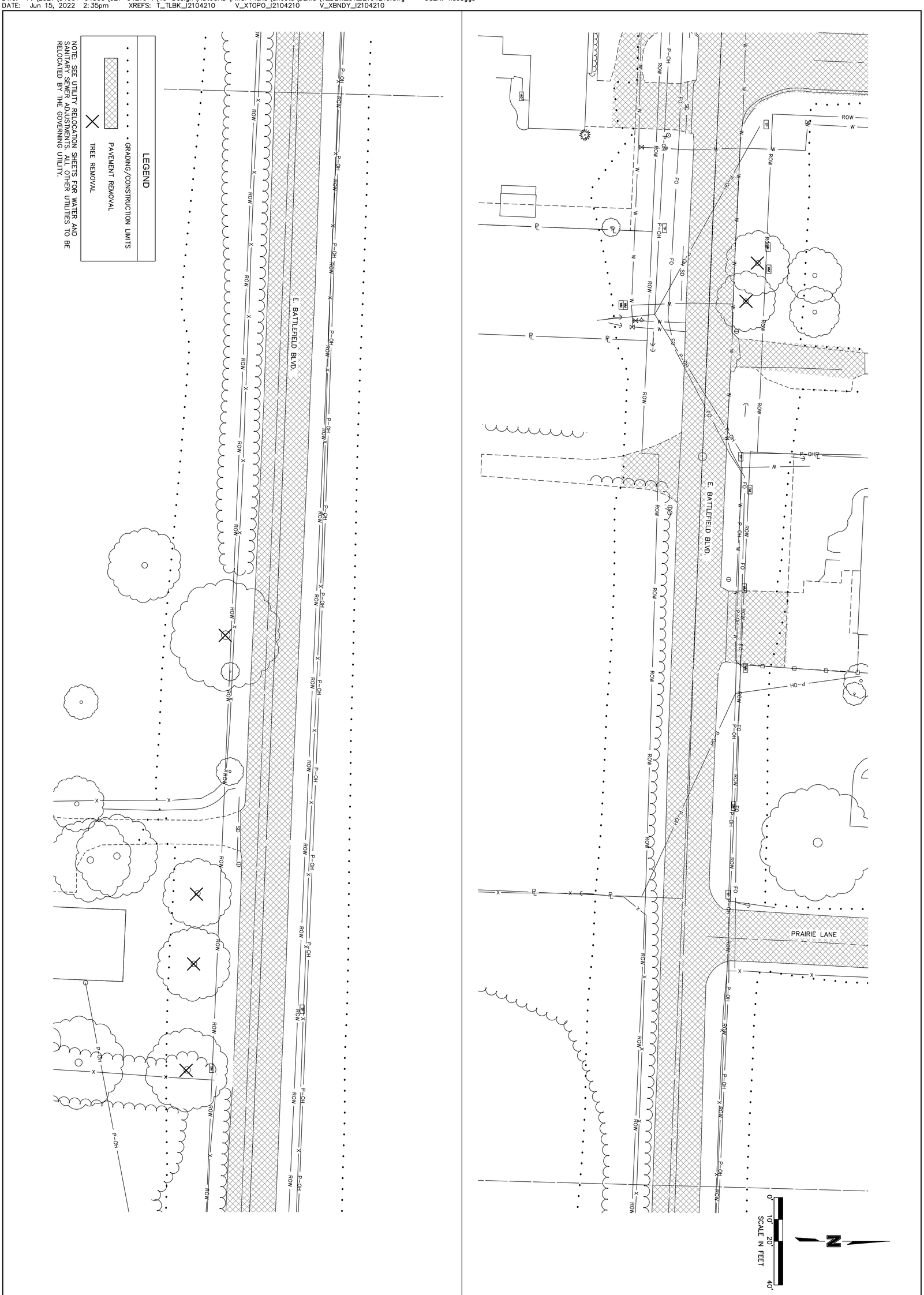
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E. BATTLEFIELD BOULEVARD IMPROVEMENTS

BENTONVILLE, AR 2022

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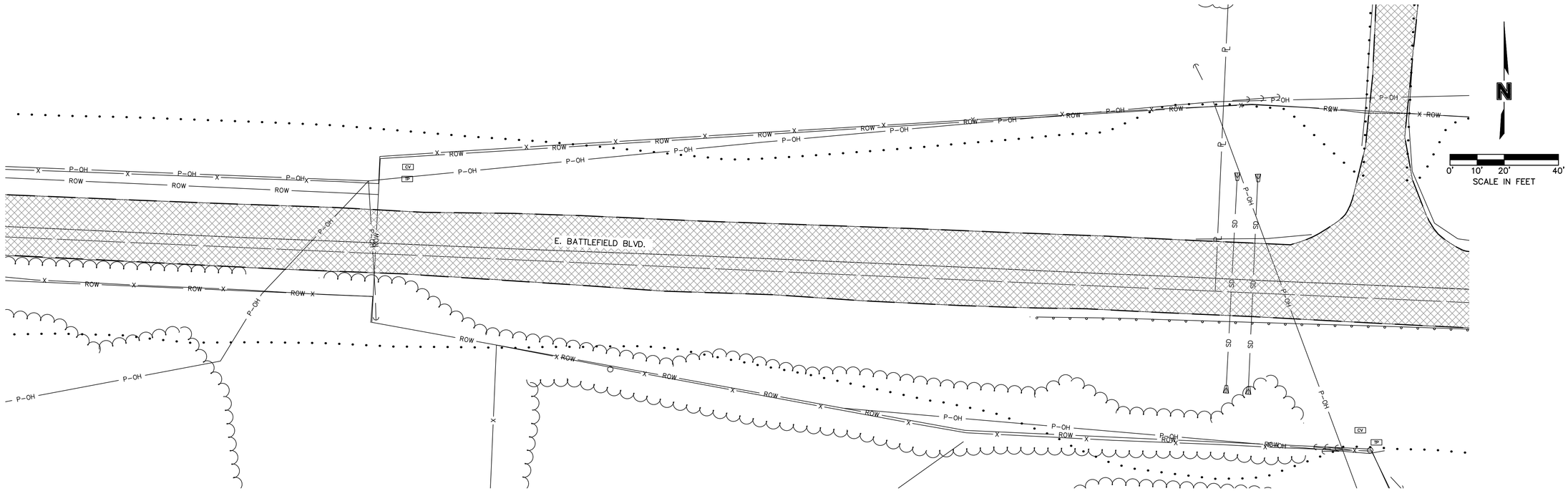
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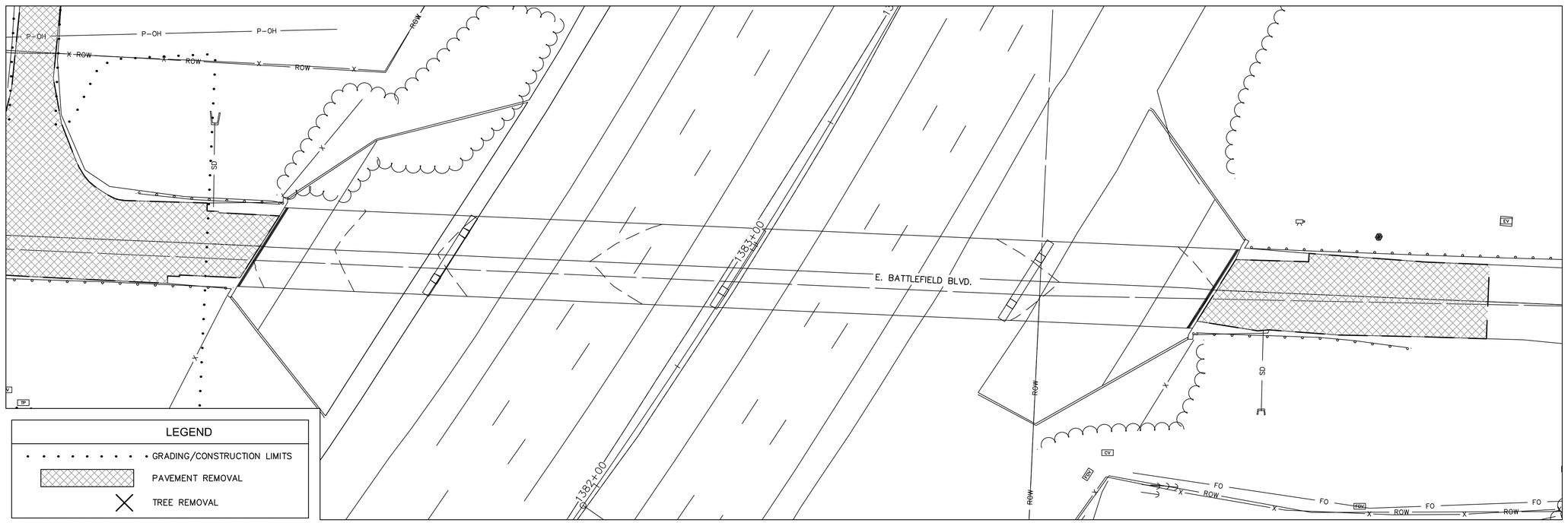
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QA/QC by: CRB
project no: I21-04210
drawing no: T_DEM_01_I2104210
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LEGEND

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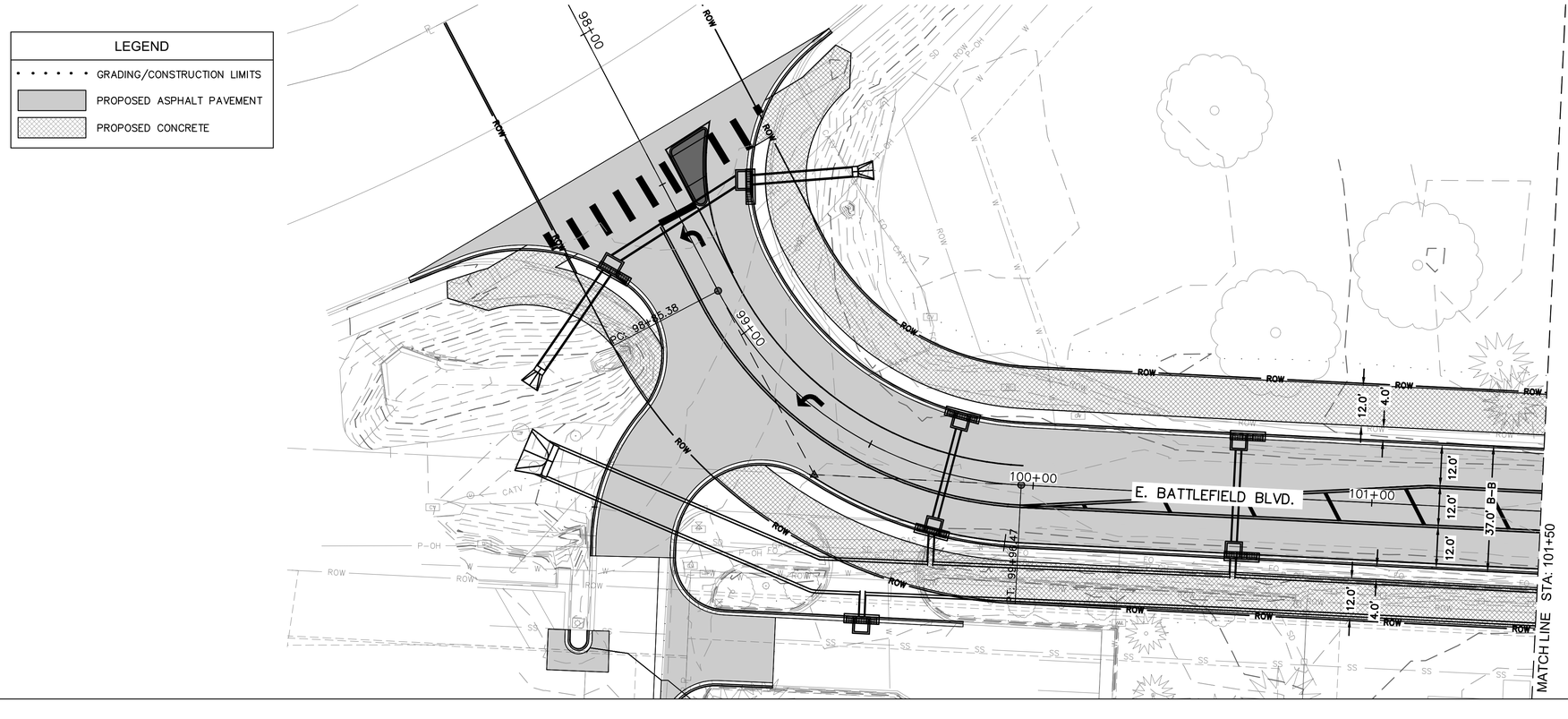
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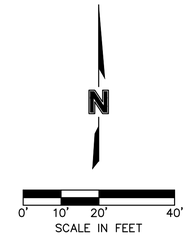
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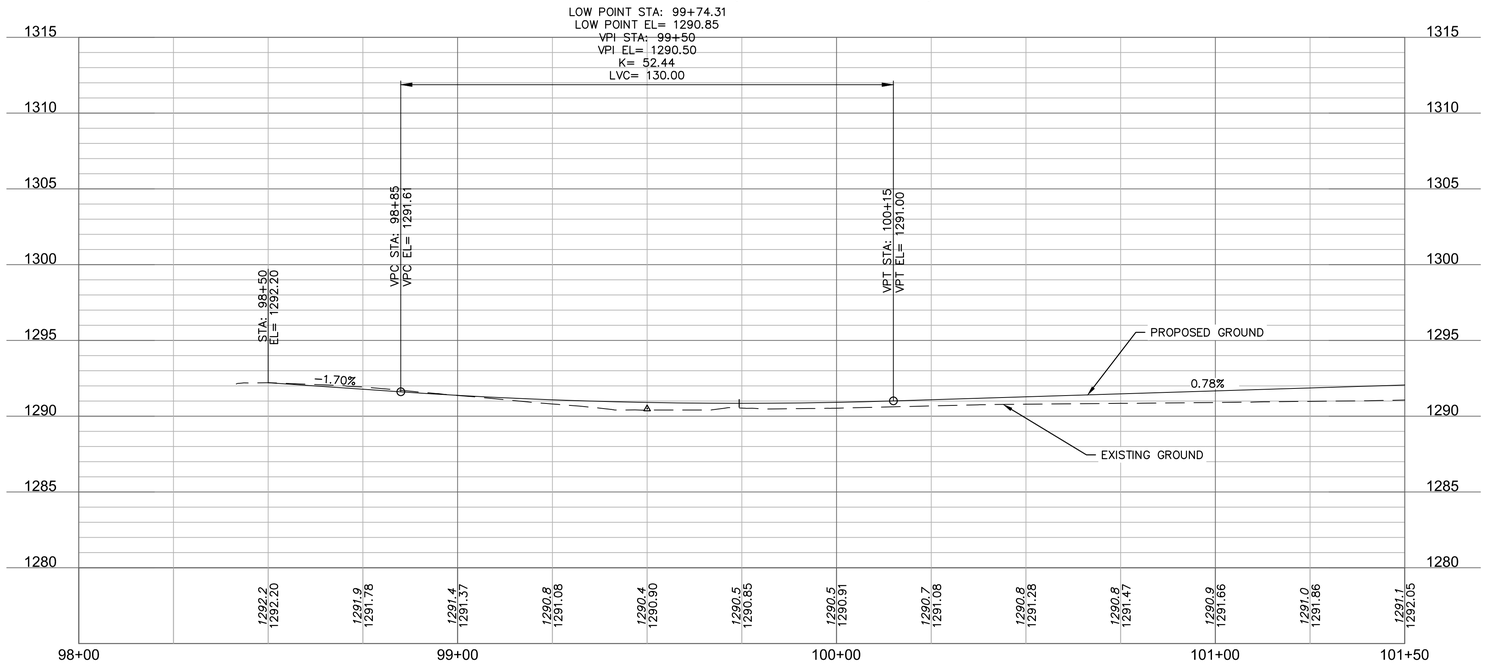
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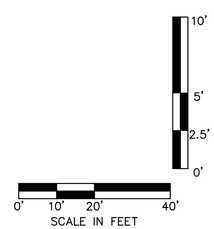
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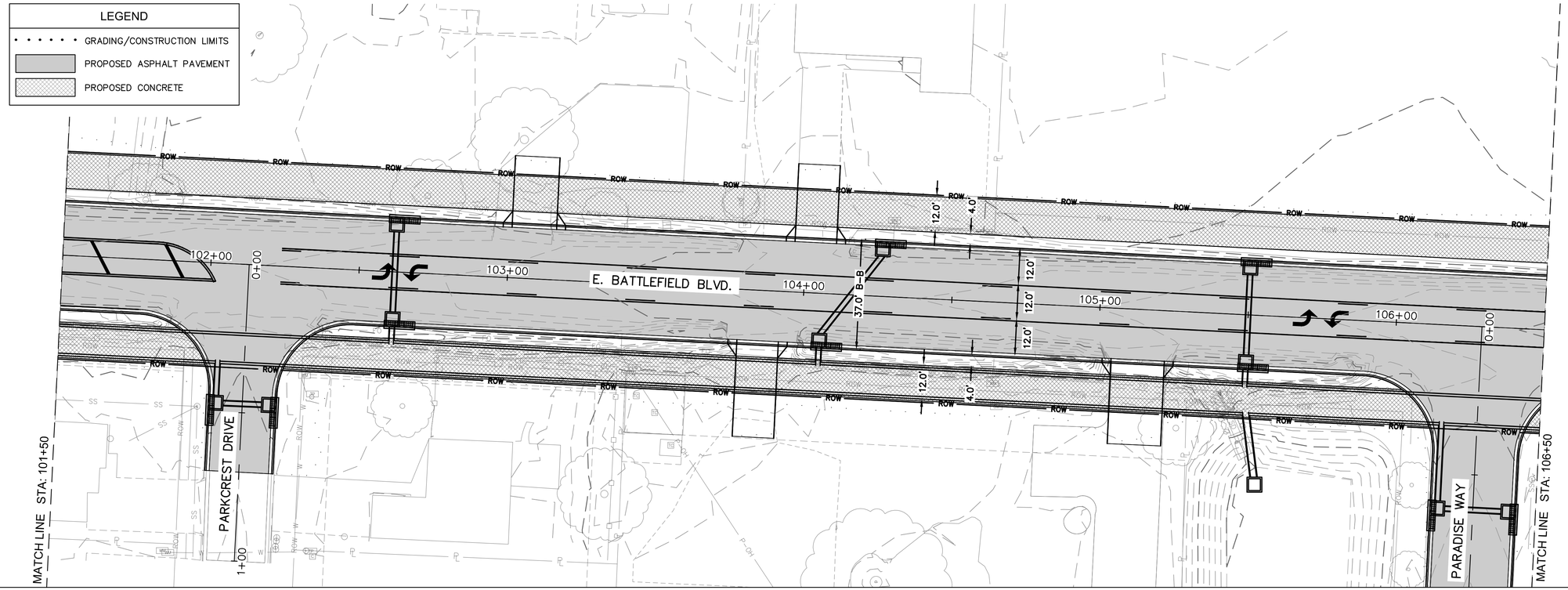
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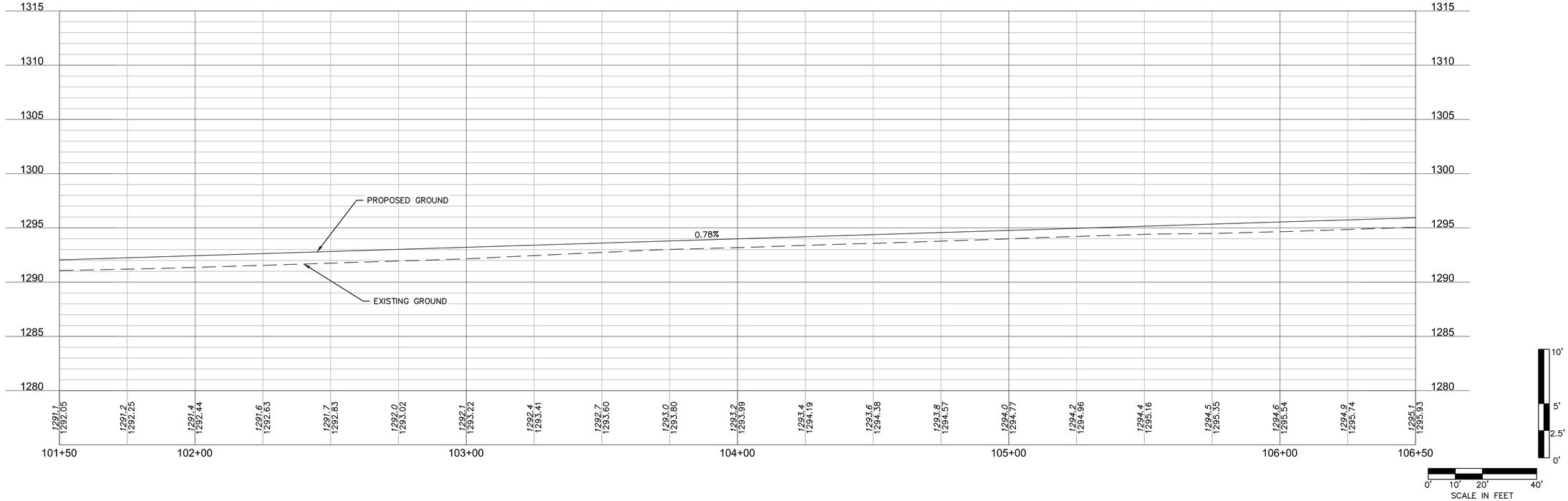
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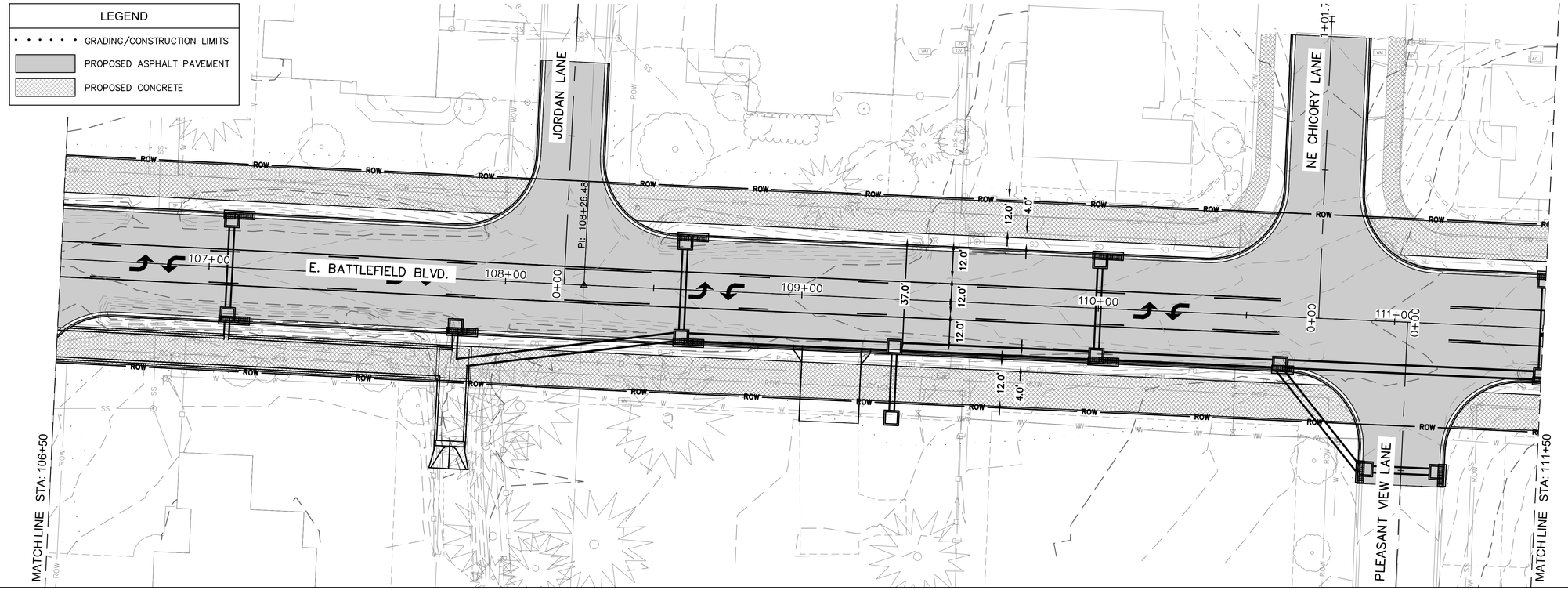
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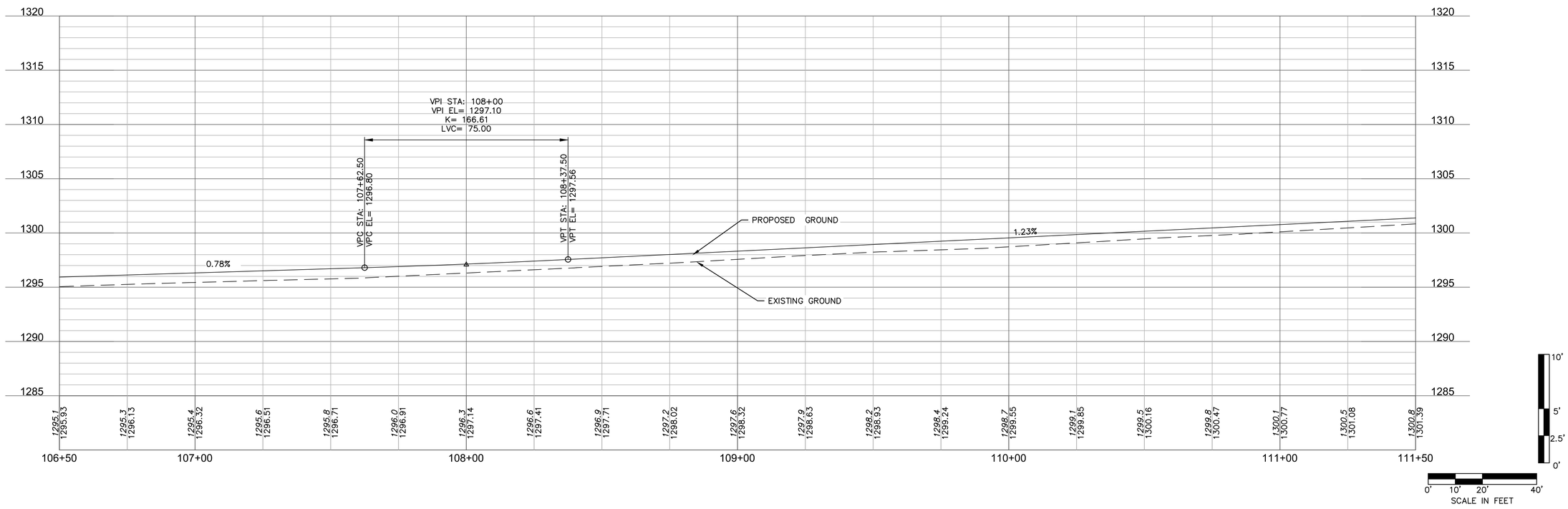
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BATTLEFIELD (106+50 - 111+50)



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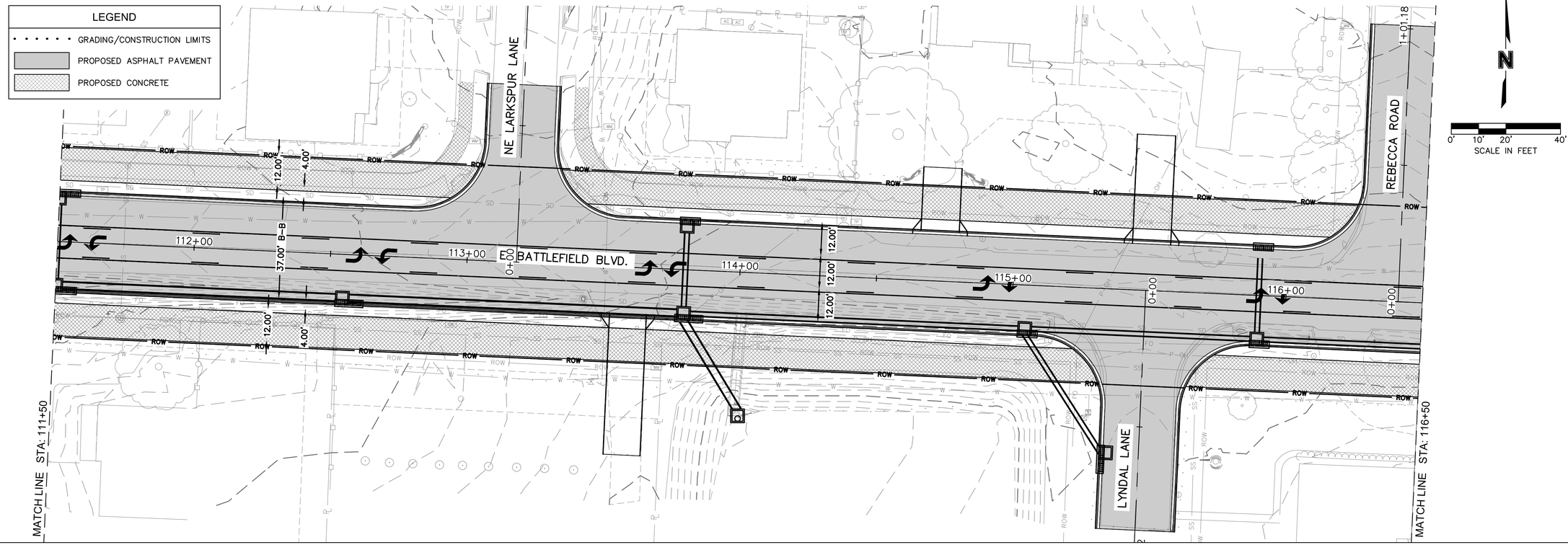
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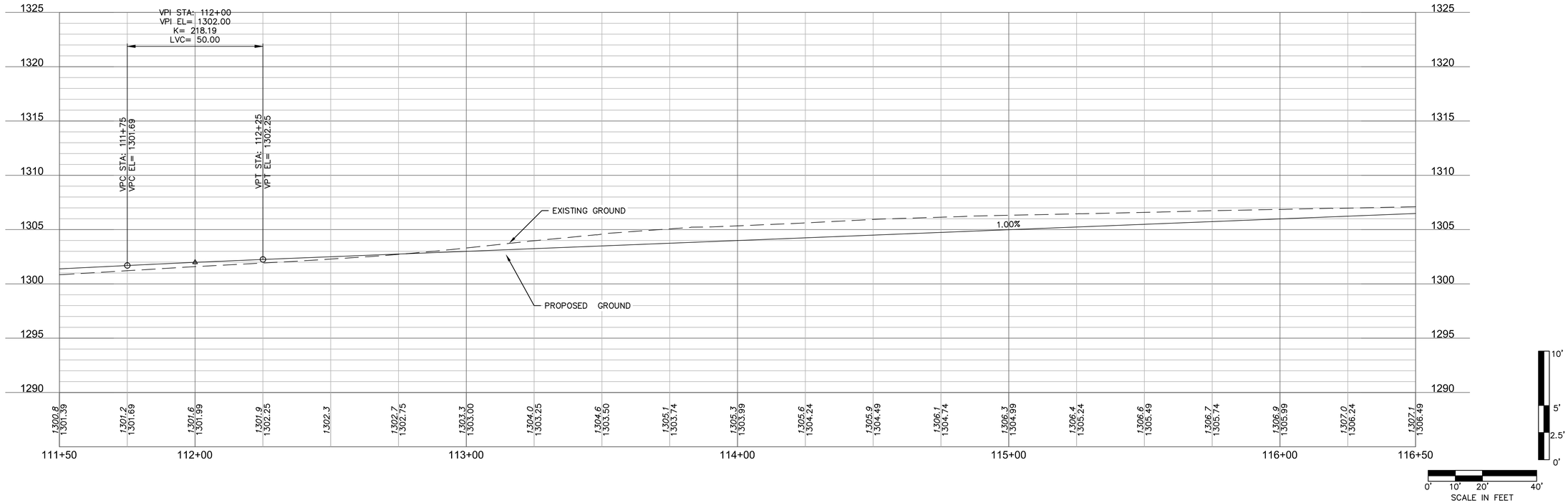
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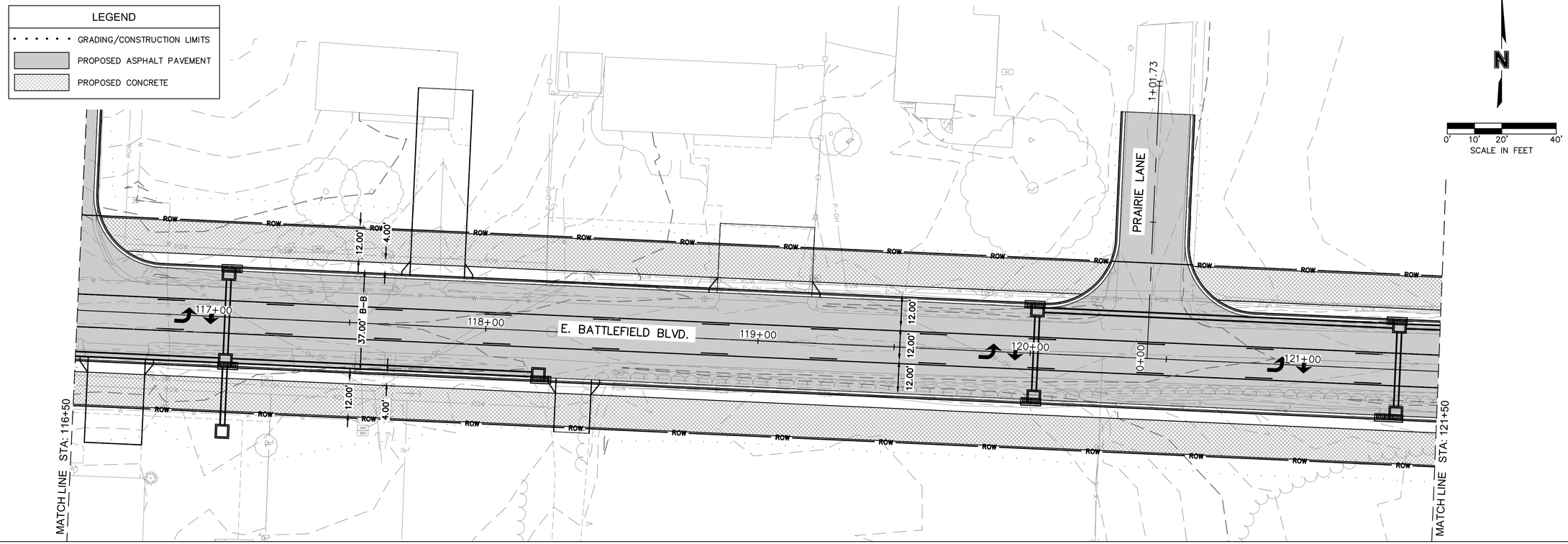
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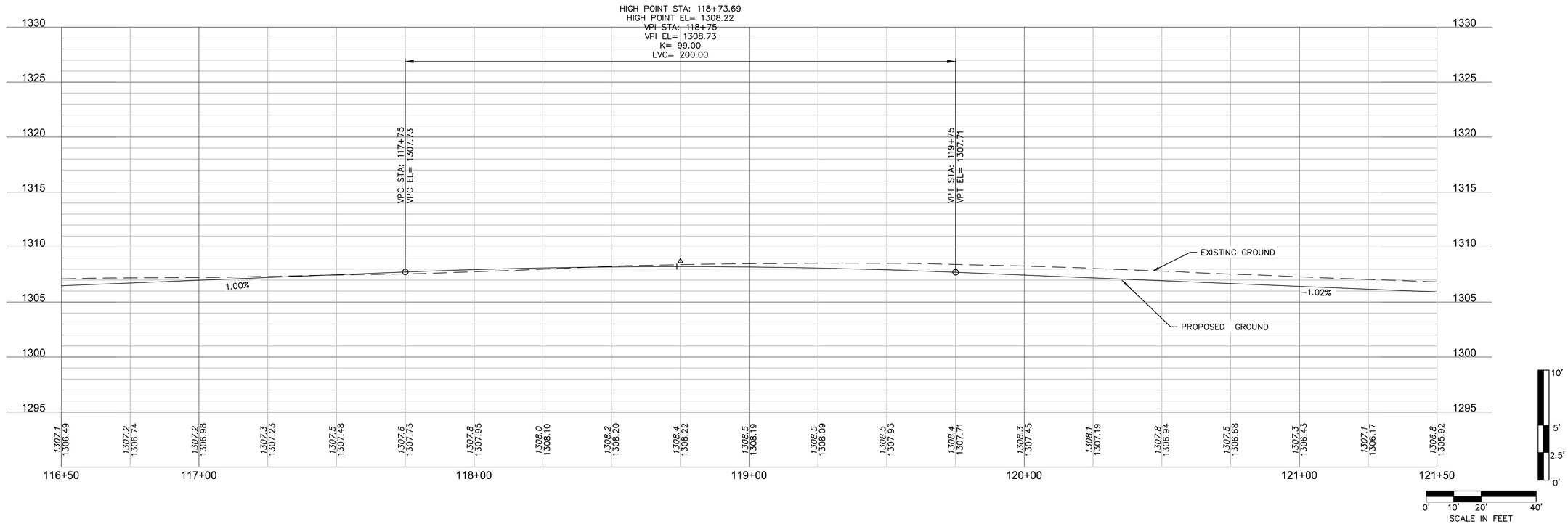
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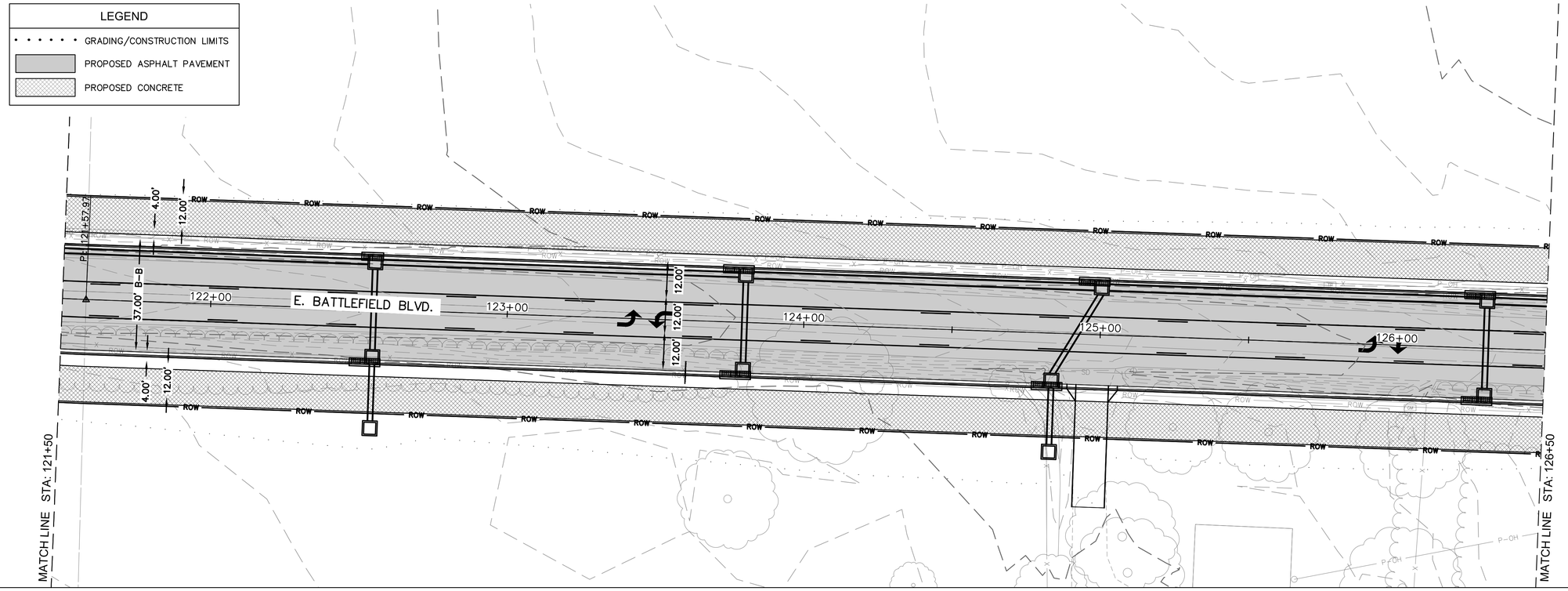
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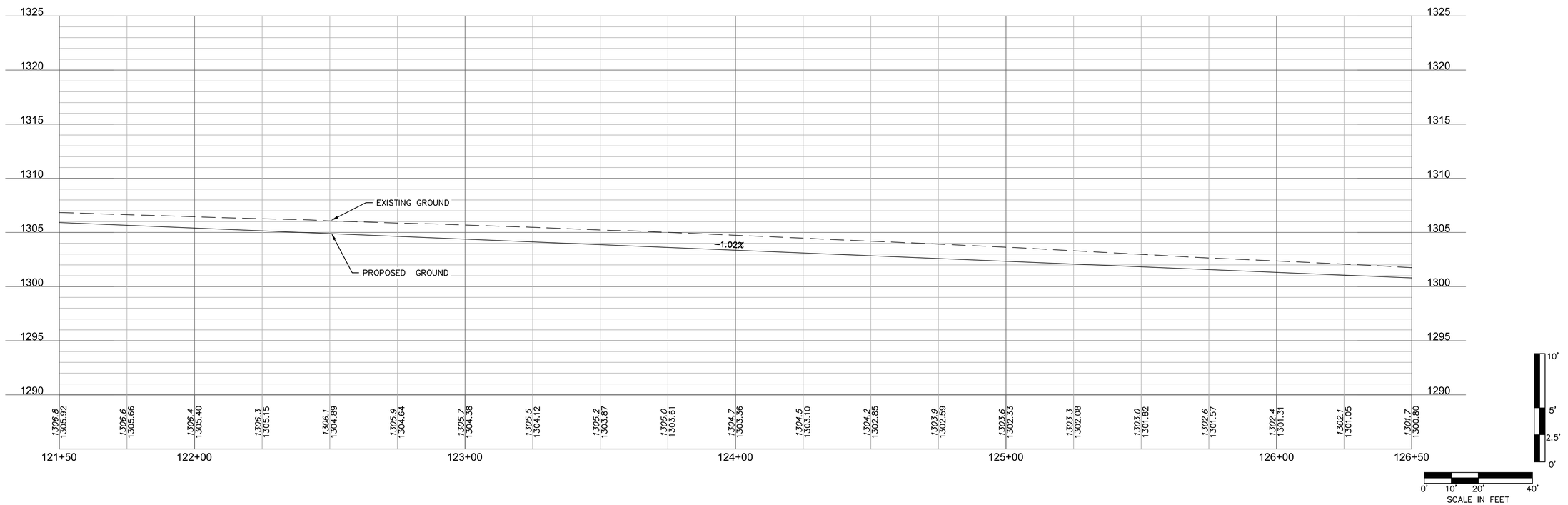
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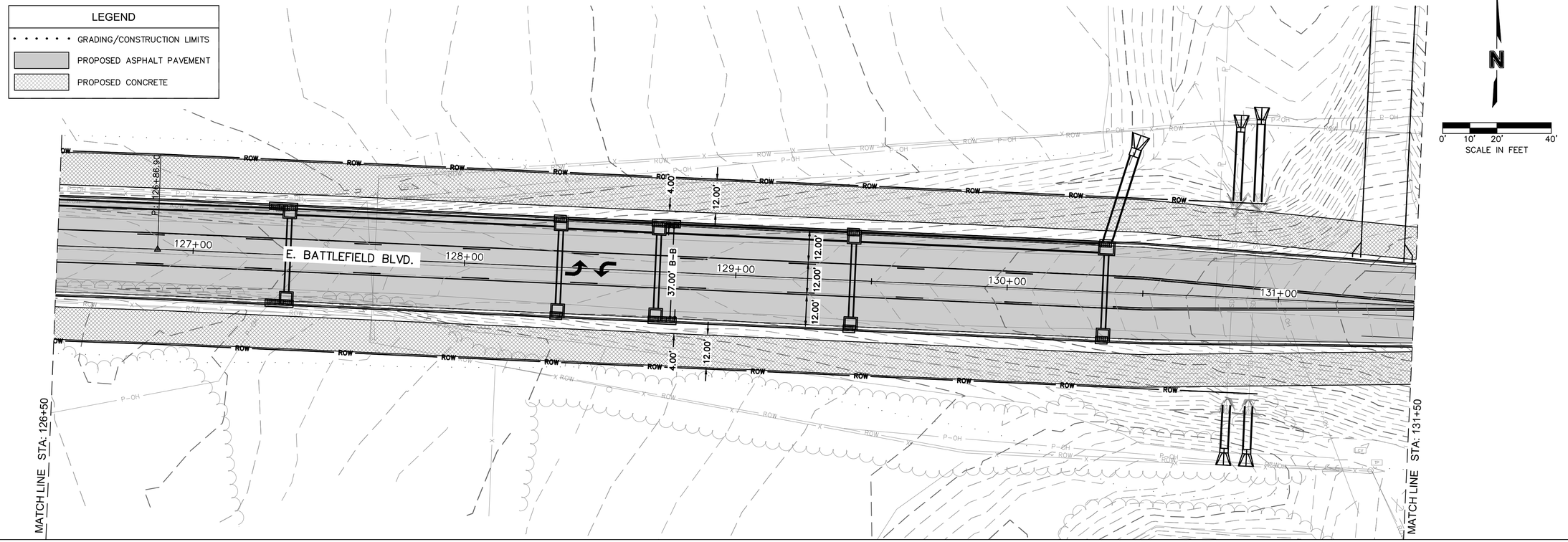
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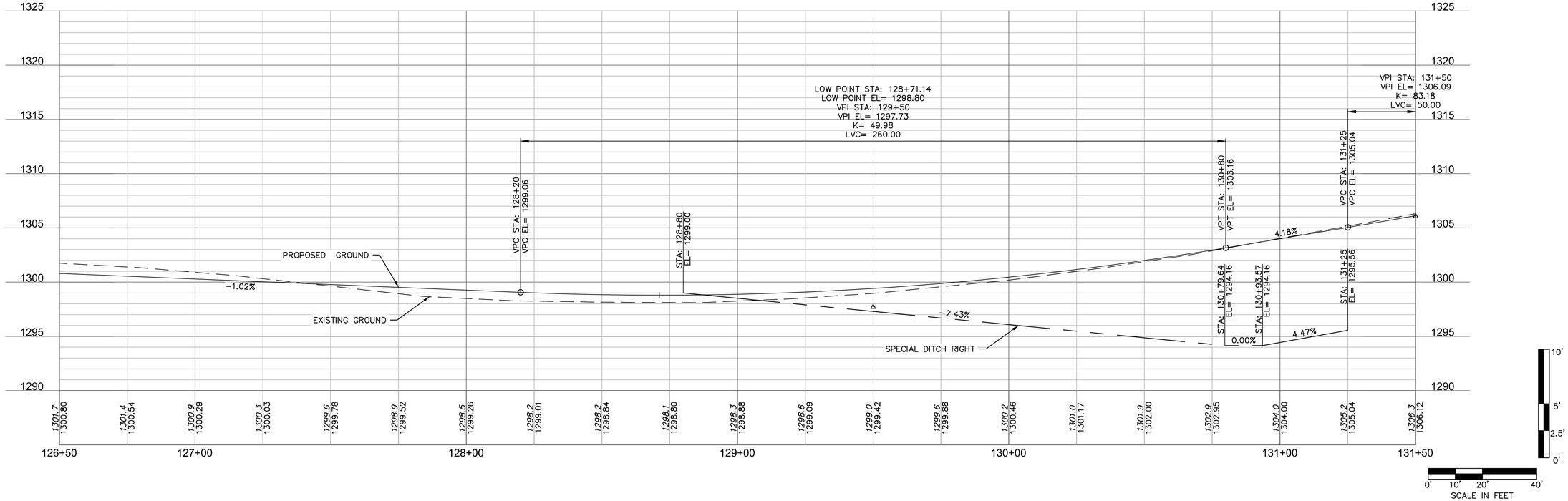
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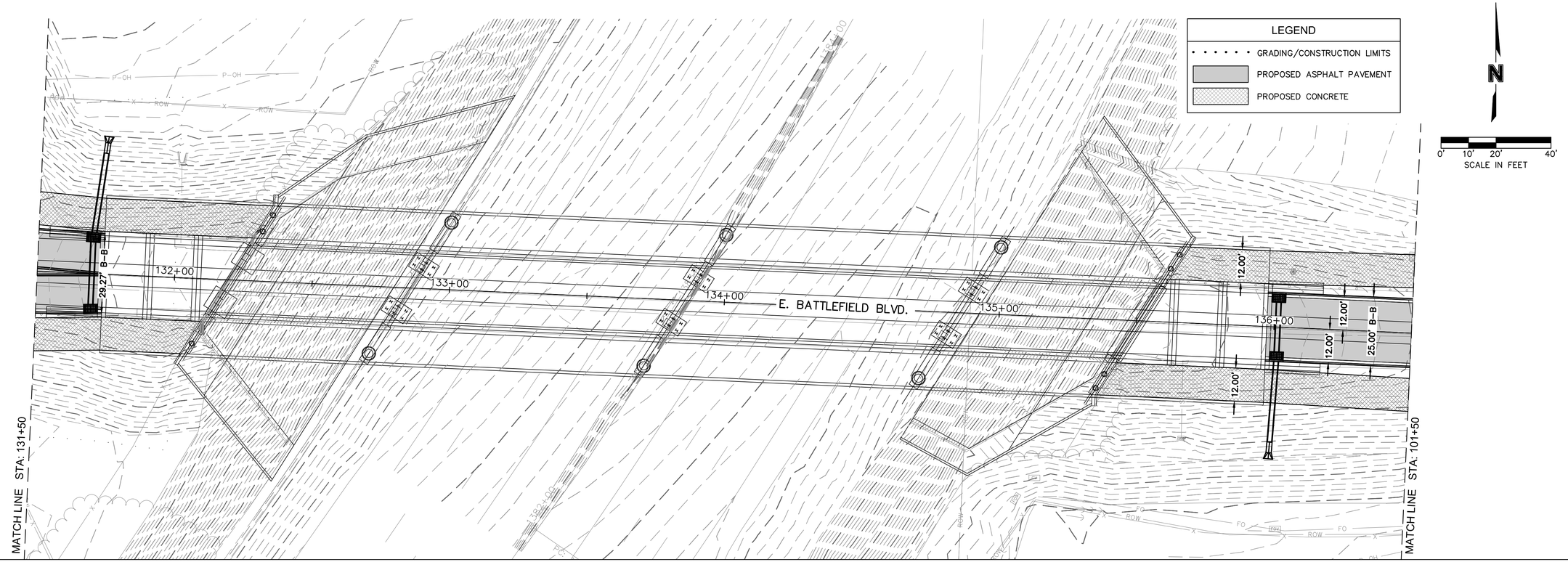
PLAN AND PROFILE

E. BATTLEFIELD BOULEVARD IMPROVEMENTS

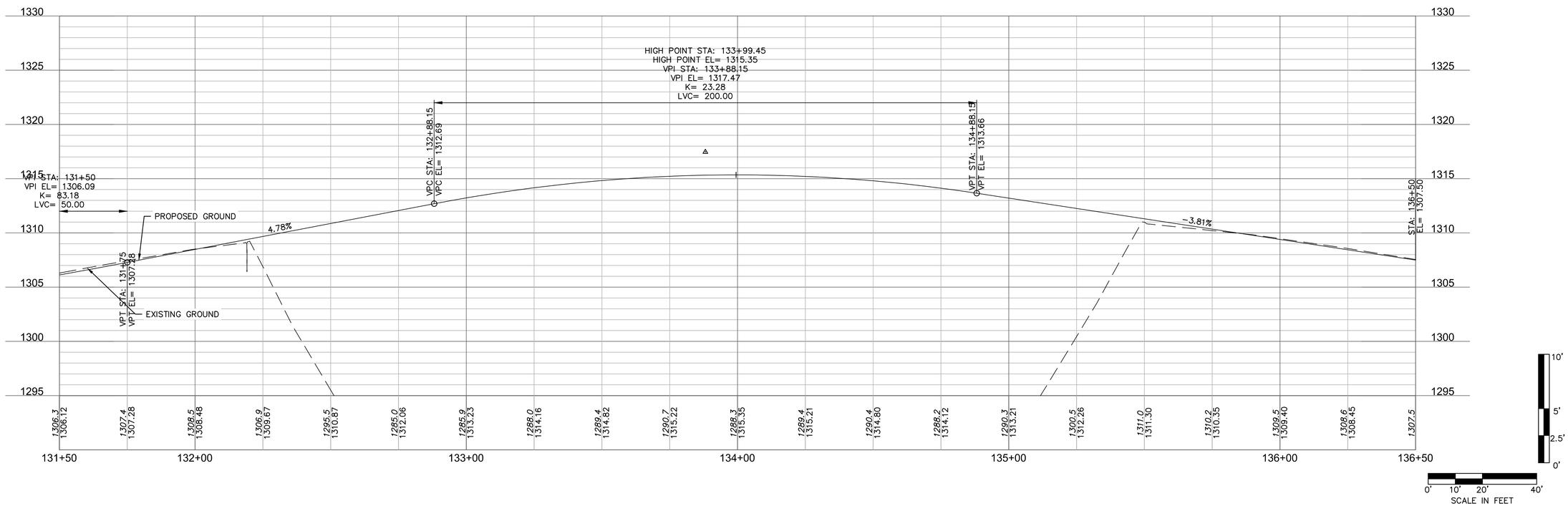
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2022

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checked by: AR
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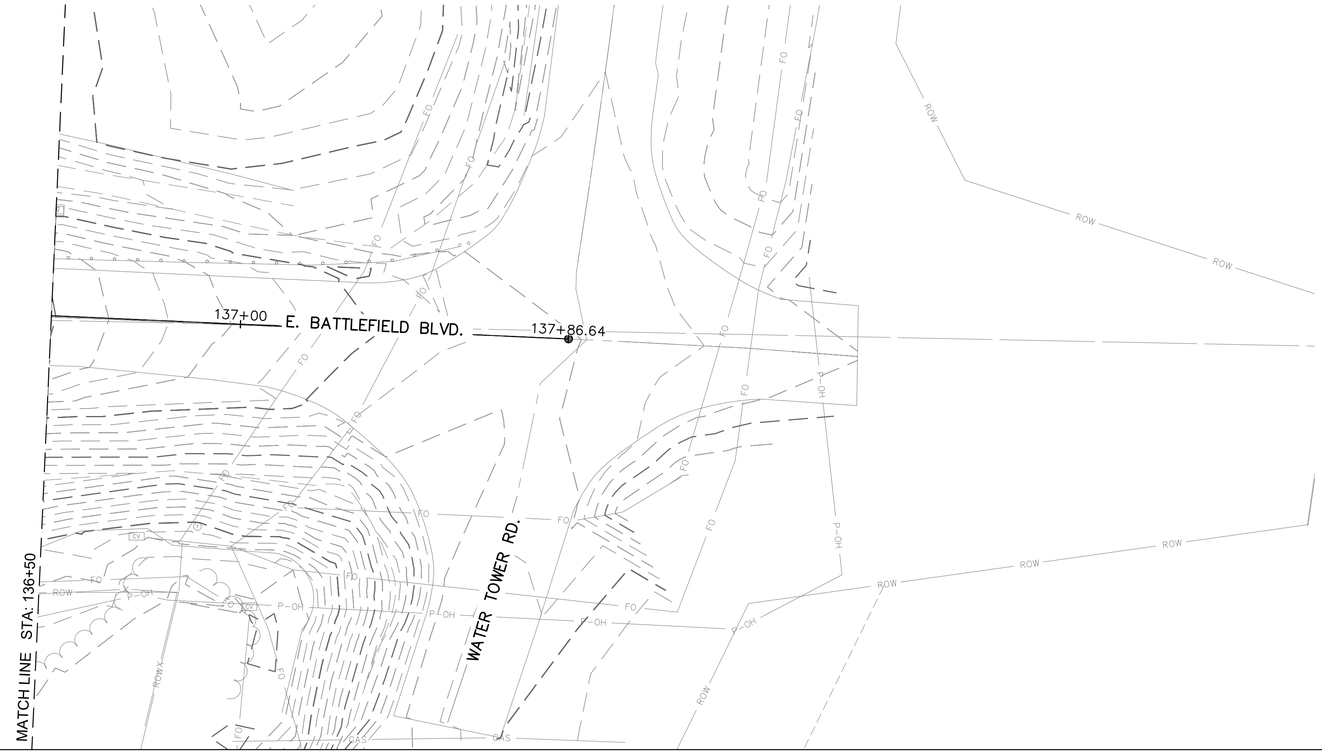
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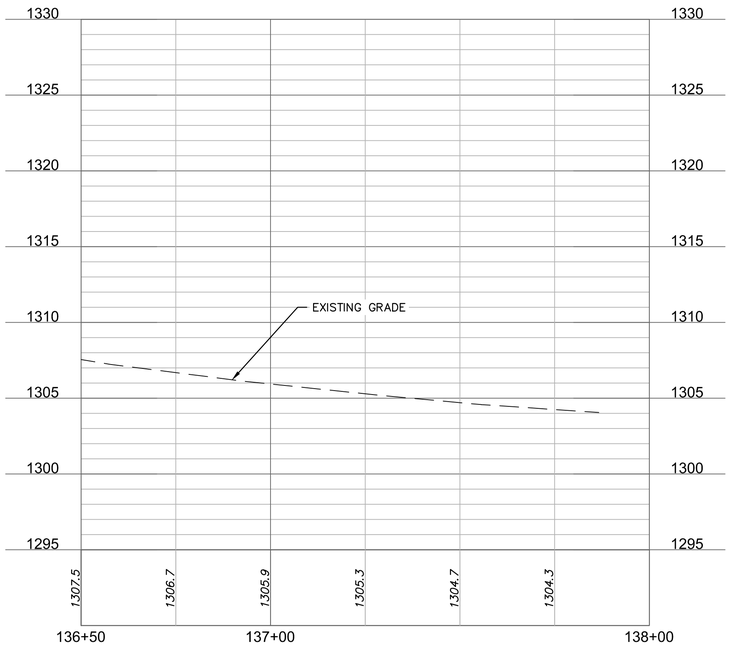
- GRADING/CONSTRUCTION LIMITS
- PROPOSED ASPHALT PAVEMENT
- PROPOSED CONCRETE



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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REVISIONS

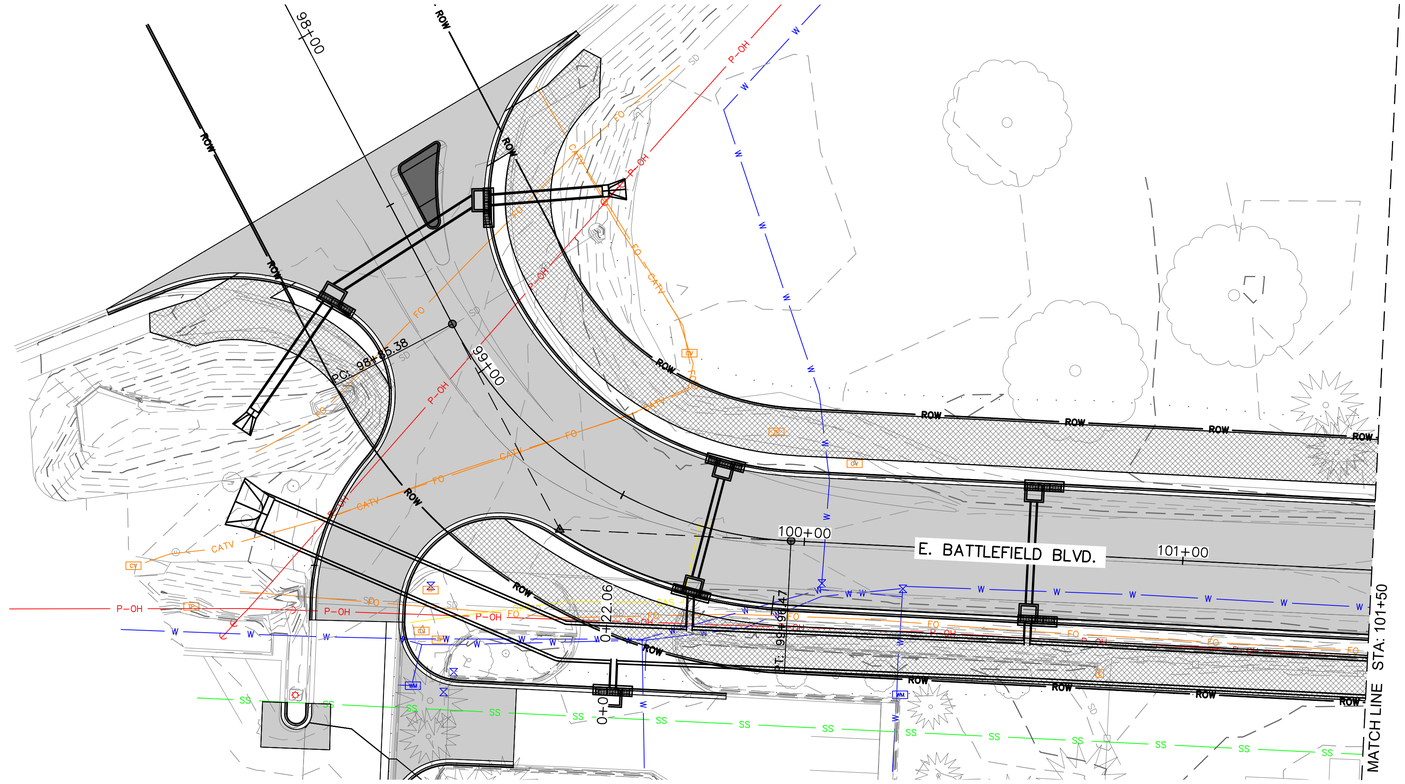
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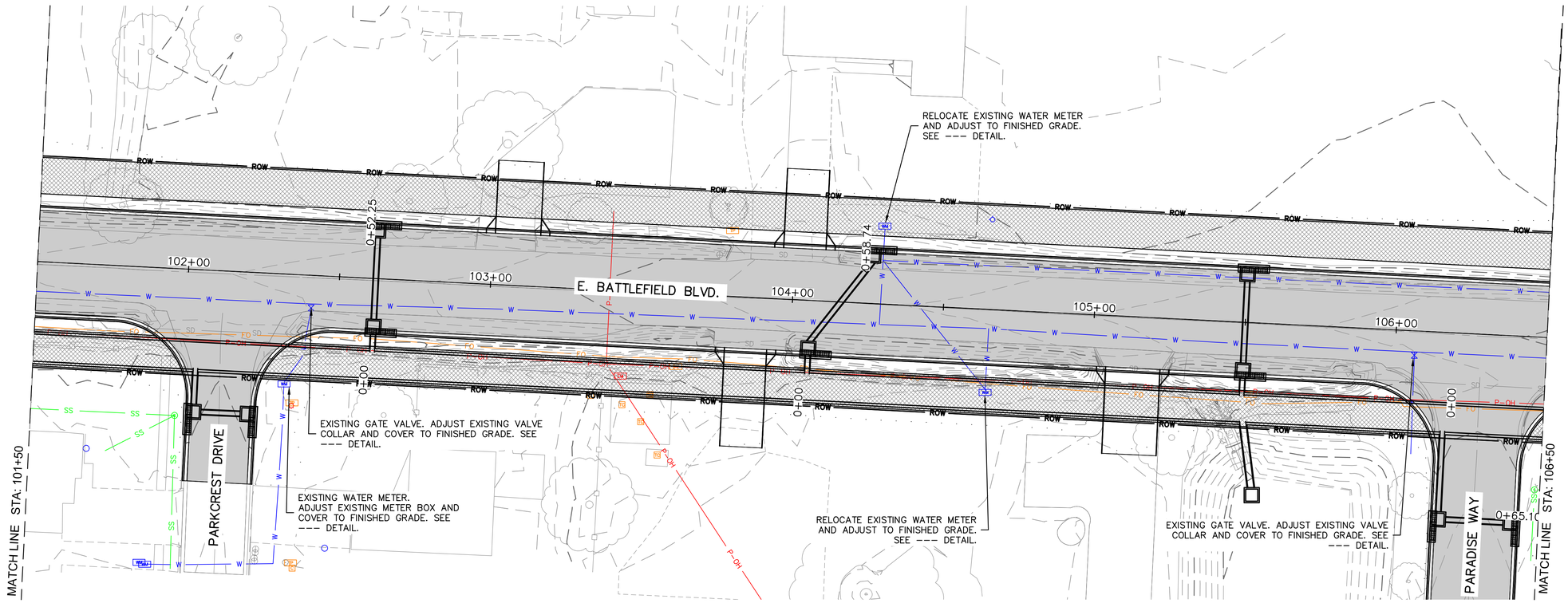
E. BATTLEFIELD BOULEVARD IMPROVEMENTS

BENTONVILLE, AR

2022

drawn by: NS
checked by: AR
approved by: AR
QA/QC by: AR
project no.: I21-04210
drawing no.: T_RPP_03_I2104210
date: 06/15/2022





N

0' 10' 20' 40'
SCALE IN FEET

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REVISIONS

UTILITY RELOCATIONS

E. BATTLEFIELD BOULEVARD IMPROVEMENTS

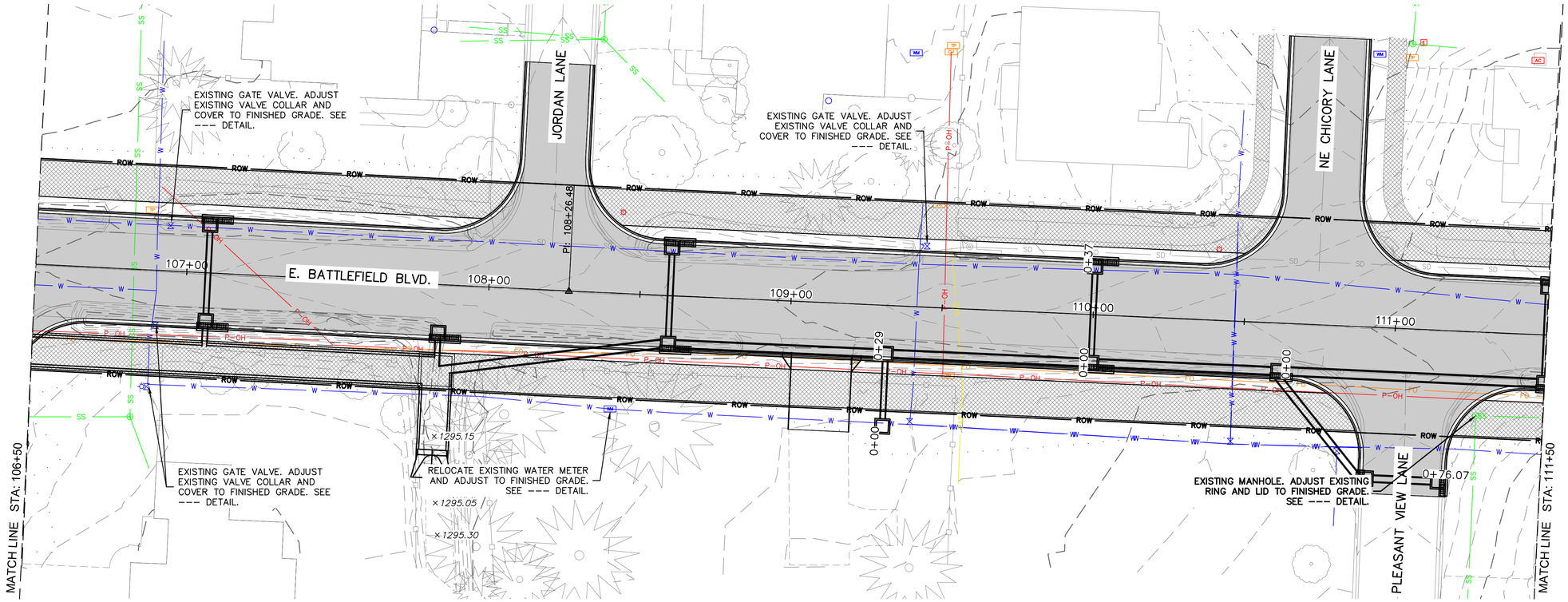
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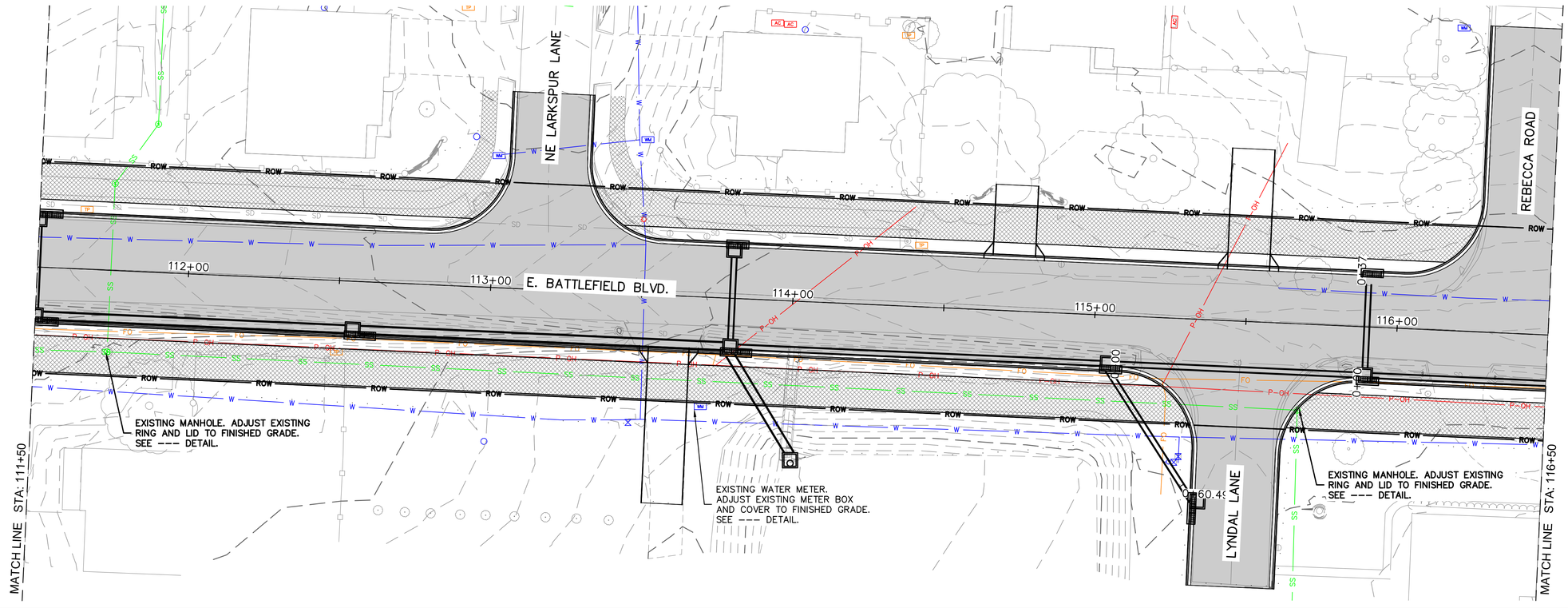
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drawn by: NS
checked by: AR
approved by: AR
QA/QC by: AR
project no.: I21-04210
drawing no.: T_UTR_01_I2104210
date: 06/15/2022

SHEET
19 of 67

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USER: nscoggs
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UTILITY RELOCATIONS

E. BATTLEFIELD BOULEVARD IMPROVEMENTS

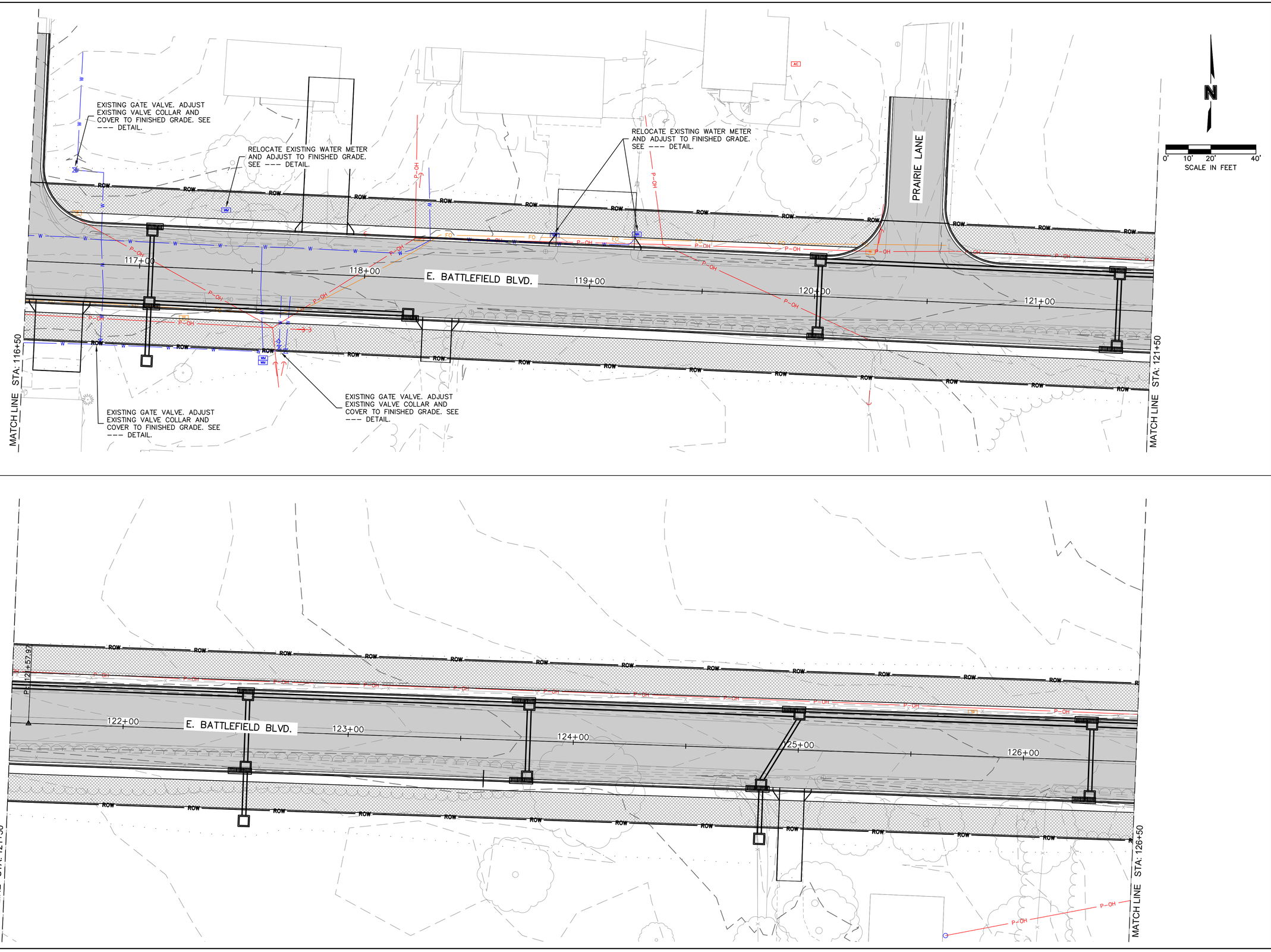
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2022

drawn by: NS
checked by: AR
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date: 06/15/2022

SHEET
20 of 67

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USER: nscoggs



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UTILITY RELOCATIONS

E. BATTLEFIELD BOULEVARD IMPROVEMENTS

BENTONVILLE, AR

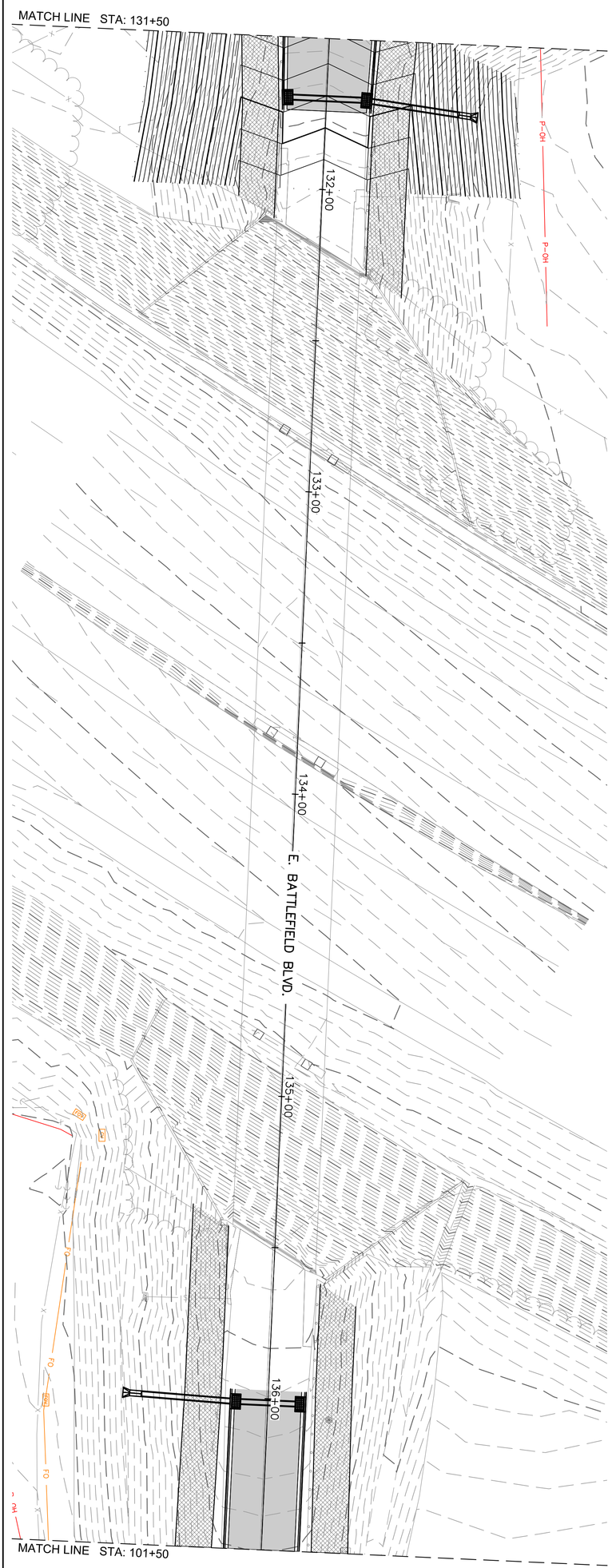
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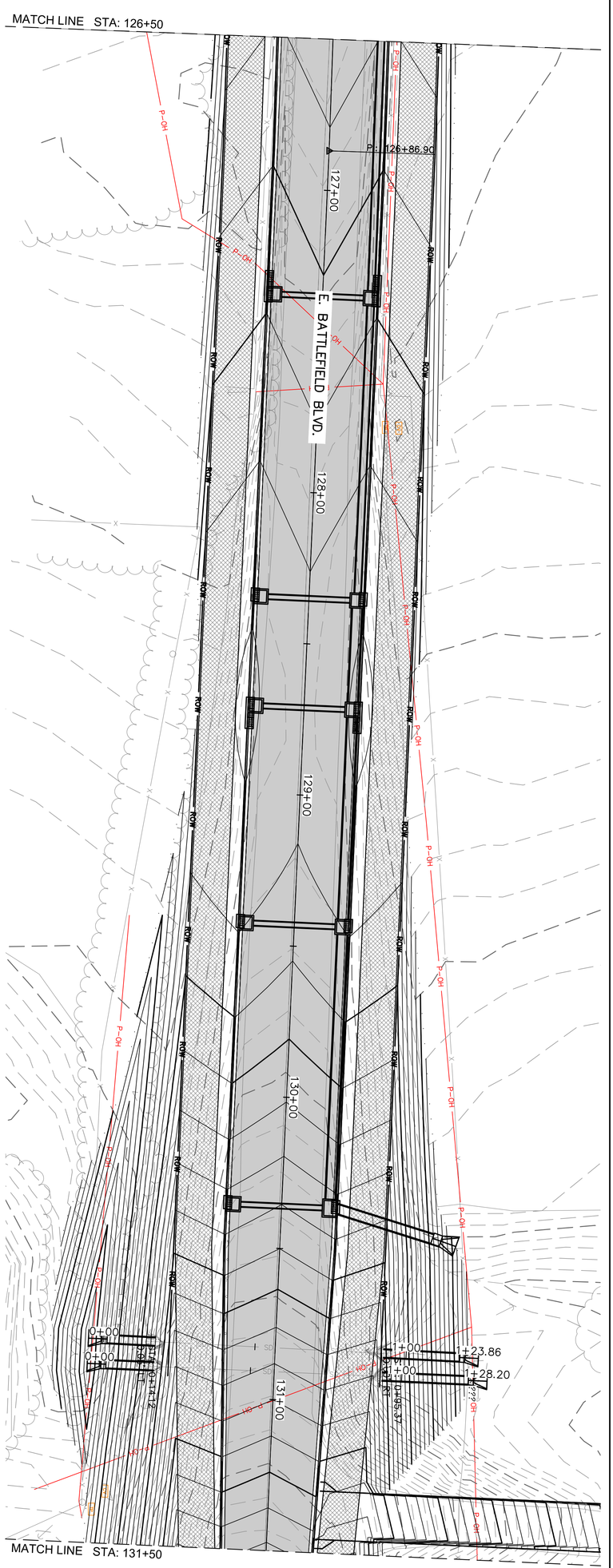
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date: 06/15/2022

SHEET
21 of 67

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SCALE IN FEET 0' 10' 20' 40'

N

SHEET 22 of 67

UTILITY RELOCATIONS

E. BATTLEFIELD BOULEVARD IMPROVEMENTS

BENTONVILLE, AR 2022

REV. NO.	DATE	REVISIONS DESCRIPTION	BY

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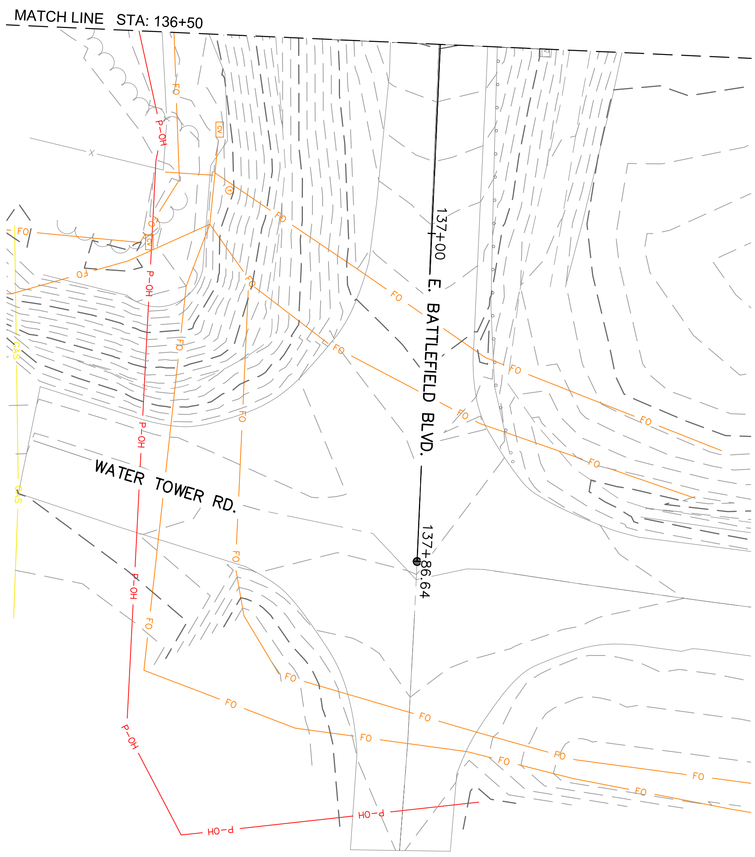
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drawing no.: T_UTR_02_I2104210
date: 06/15/2022

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0' 10' 20' 40'
SCALE IN FEET

N

SHEET 23 of 67

drawn by: NS
checked by: ____
approved by: AR
QC check by: AR
project no.: I21-042101
drawing no.: T_UTR_02_I2104210
date: 06/15/2022

UTILITY RELOCATIONS

E. BATTLEFIELD BOULEVARD IMPROVEMENTS

BENTONVILLE, AR | 2022

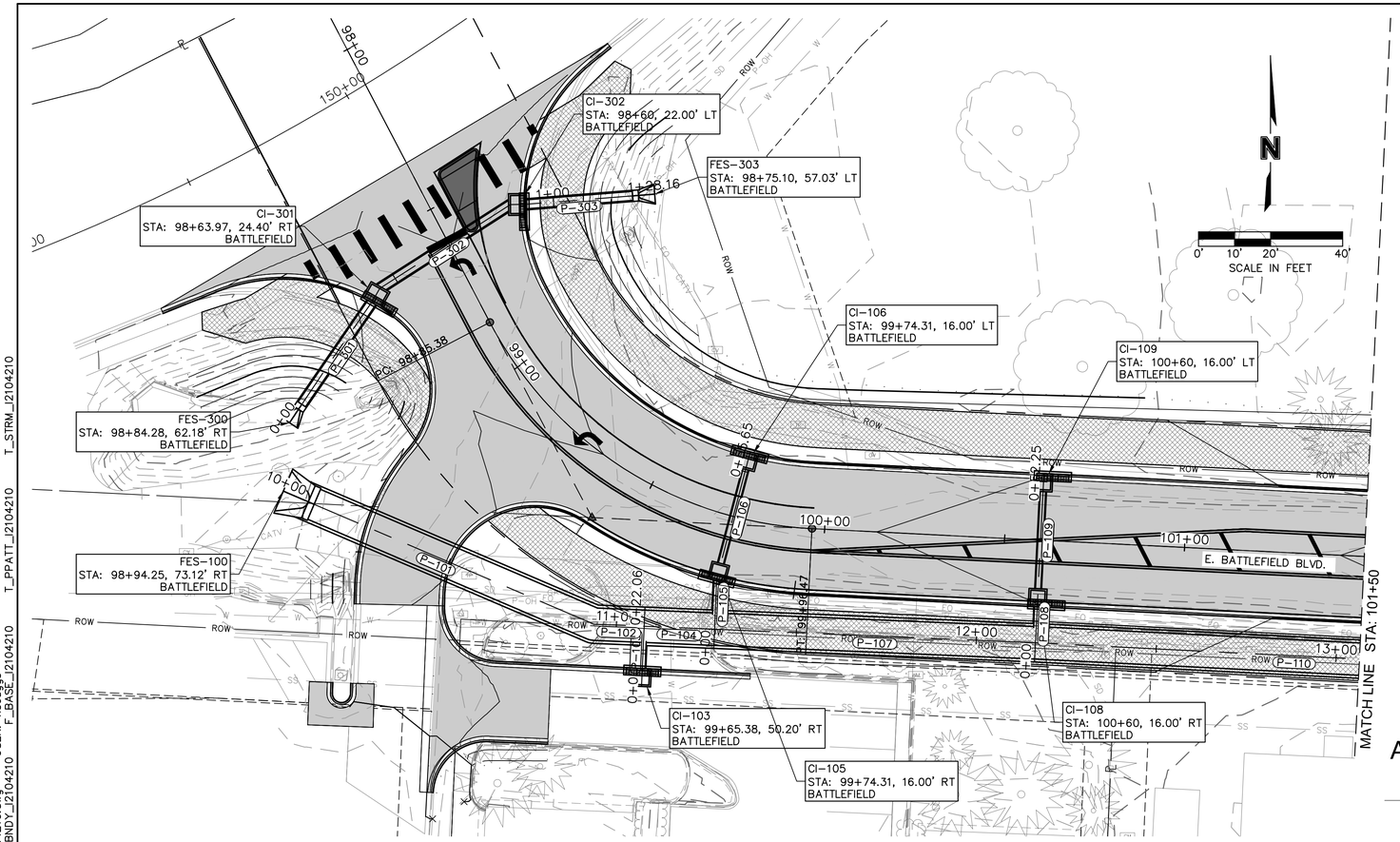
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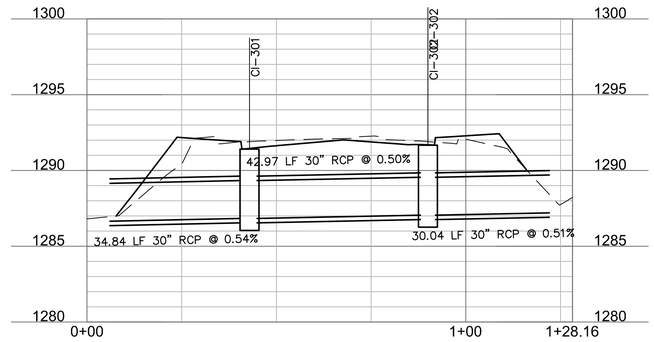
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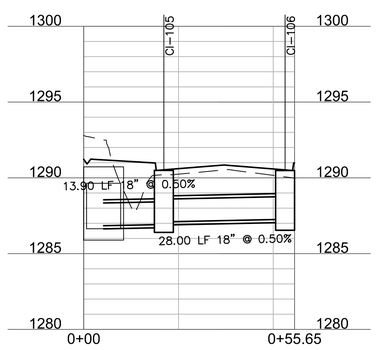
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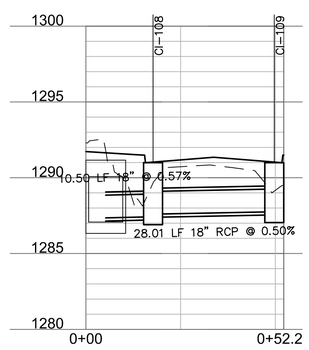
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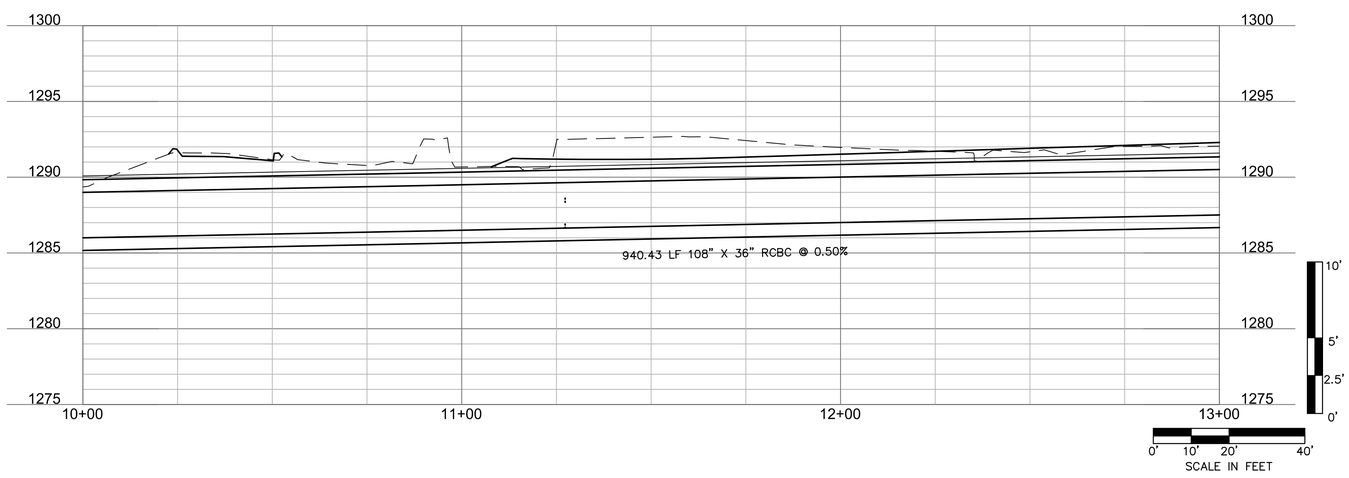
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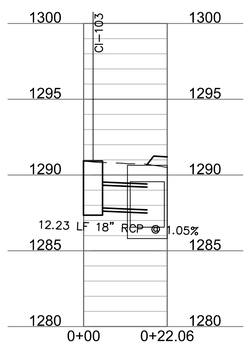
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BATTLEFIELD - LINE 100 (10+00 - 13+00)



G - P-103 (0+00 - 0+22.06)



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STORM DRAINAGE LAYOUT PLAN

E. BATTLEFIELD BOULEVARD IMPROVEMENTS

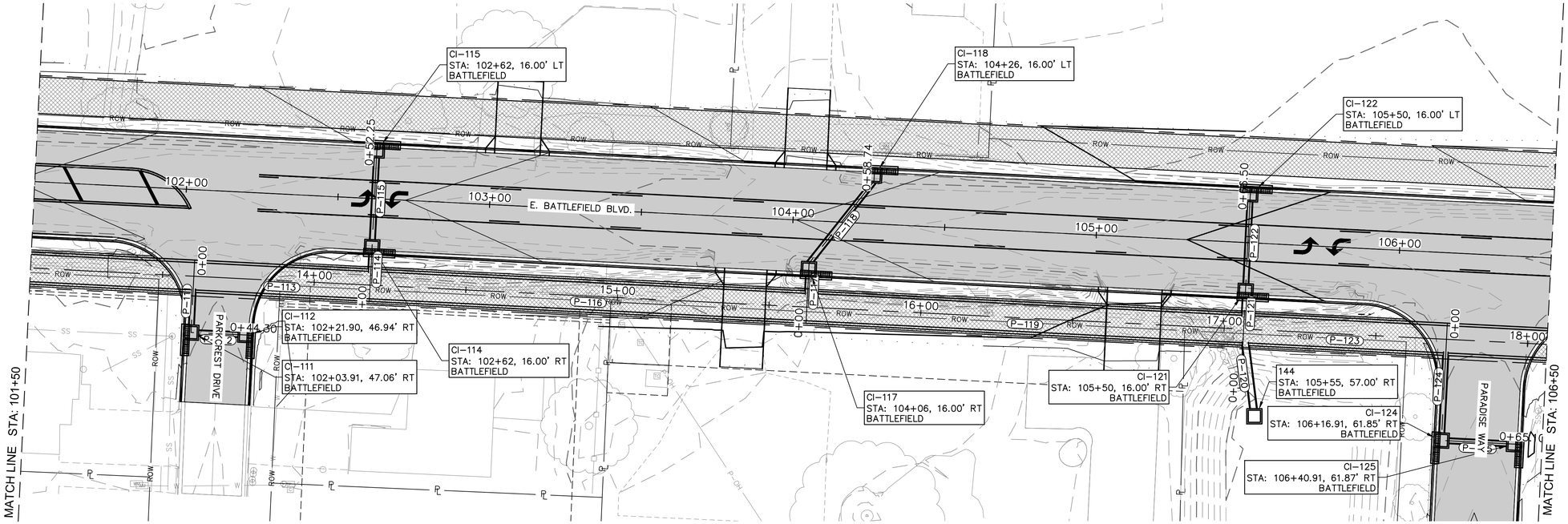
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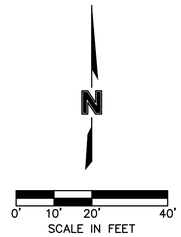
2022

drawn by: NS
checked by: AR
approved by: AR
QA/QC by: AR
project no.: I21-04210
drawing no.: T_STM_01_I2104210
date: 06/15/2022

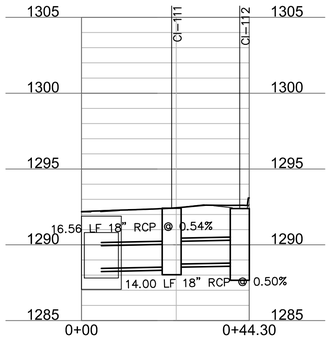
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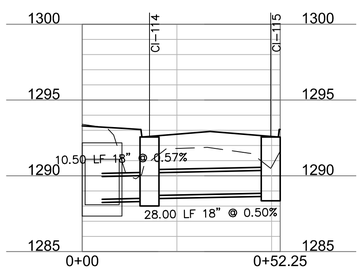




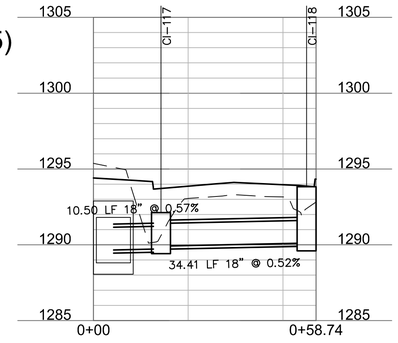
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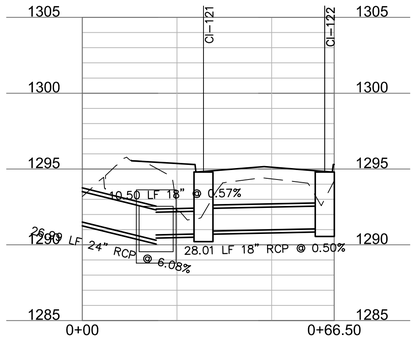
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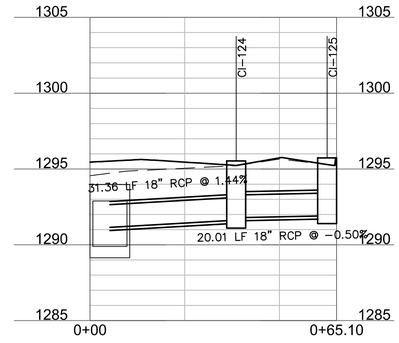
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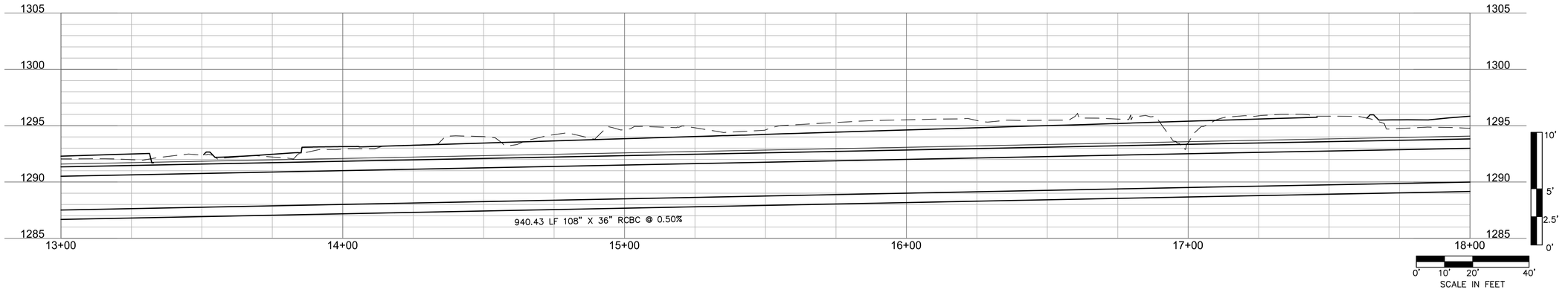
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ALG - P-124 (0+00 - 0+65.10)



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



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REV. NO.	DATE	REVISIONS DESCRIPTION	BY

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STORM DRAINAGE LAYOUT PLAN

E. BATTLEFIELD BOULEVARD IMPROVEMENTS

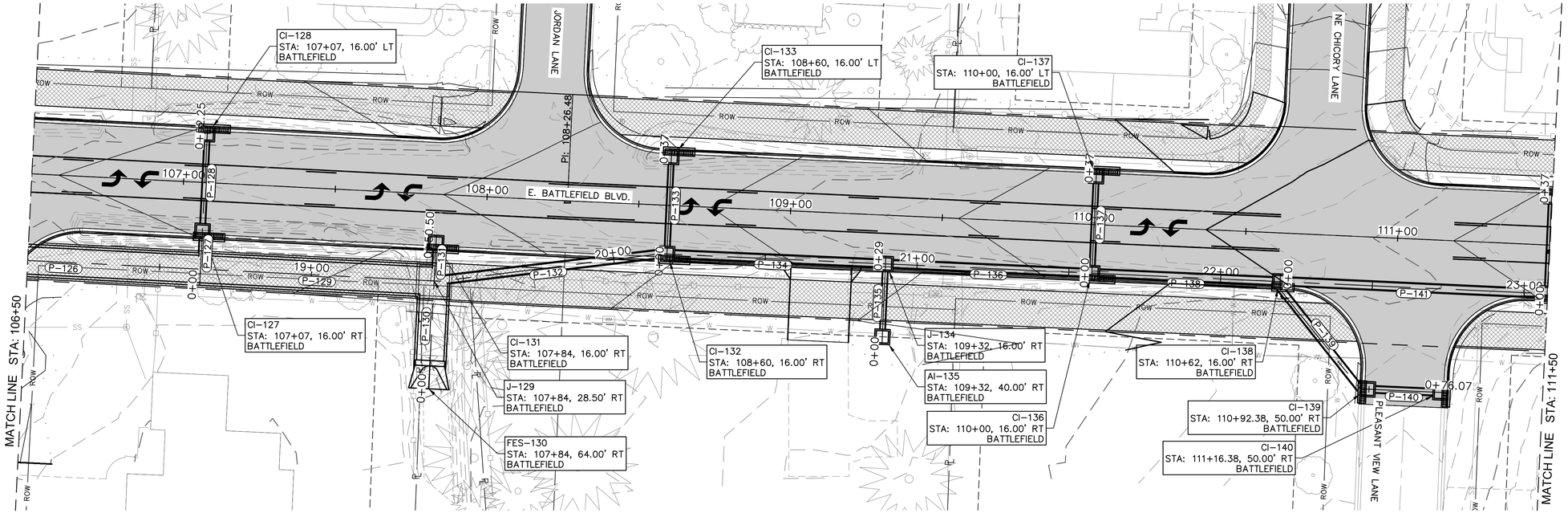
BENTONVILLE, AR

2022

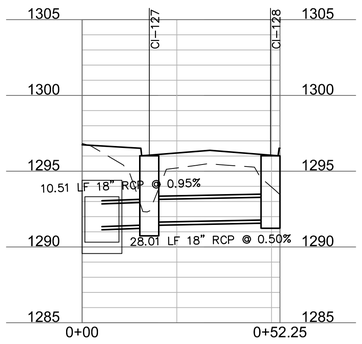
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drawing no.: T_STM_01_I2104210
date: 06/15/2022

SHEET
25 of 67

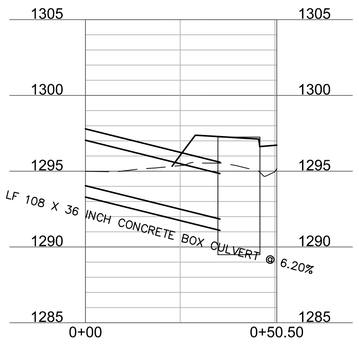
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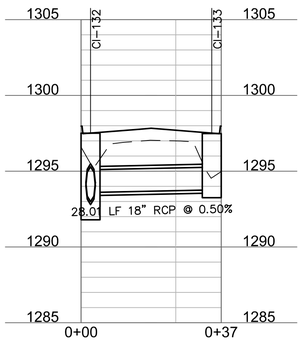
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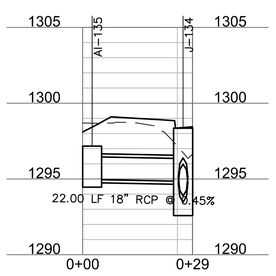
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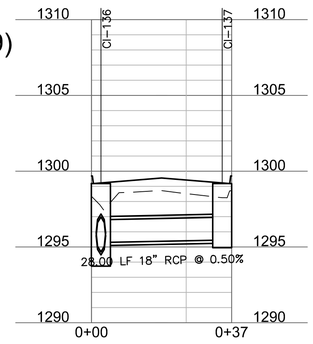
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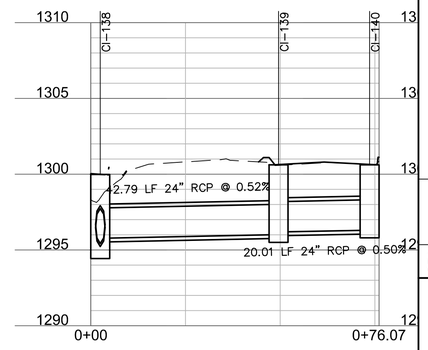
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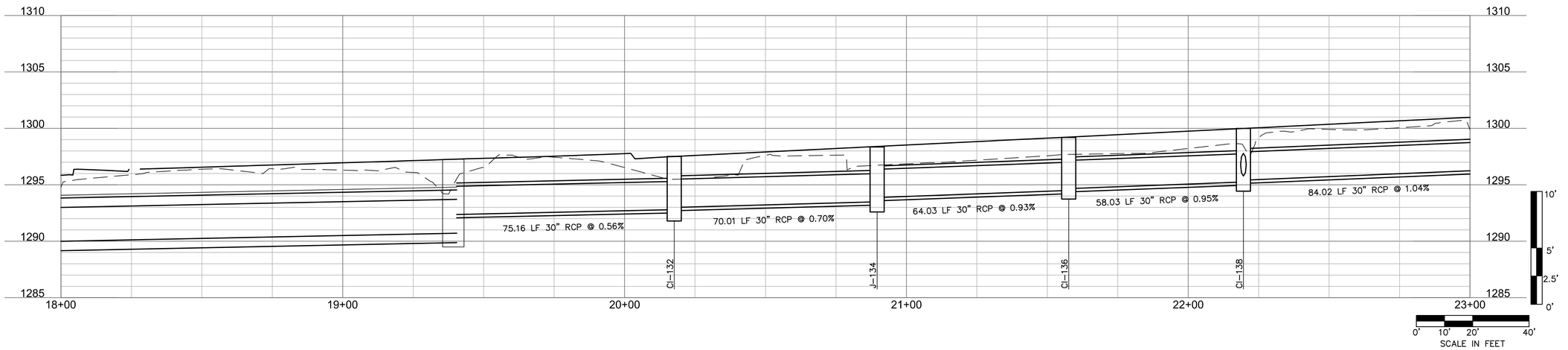
ALG - P-137 (0+00 - 0+37)



ALG - P-139 (0+00 - 0+76.07)



BATTLEFIELD - LINE 100 (18+00 - 23+00)



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STORM DRAINAGE LAYOUT PLAN

E. BATTLEFIELD BOULEVARD IMPROVEMENTS

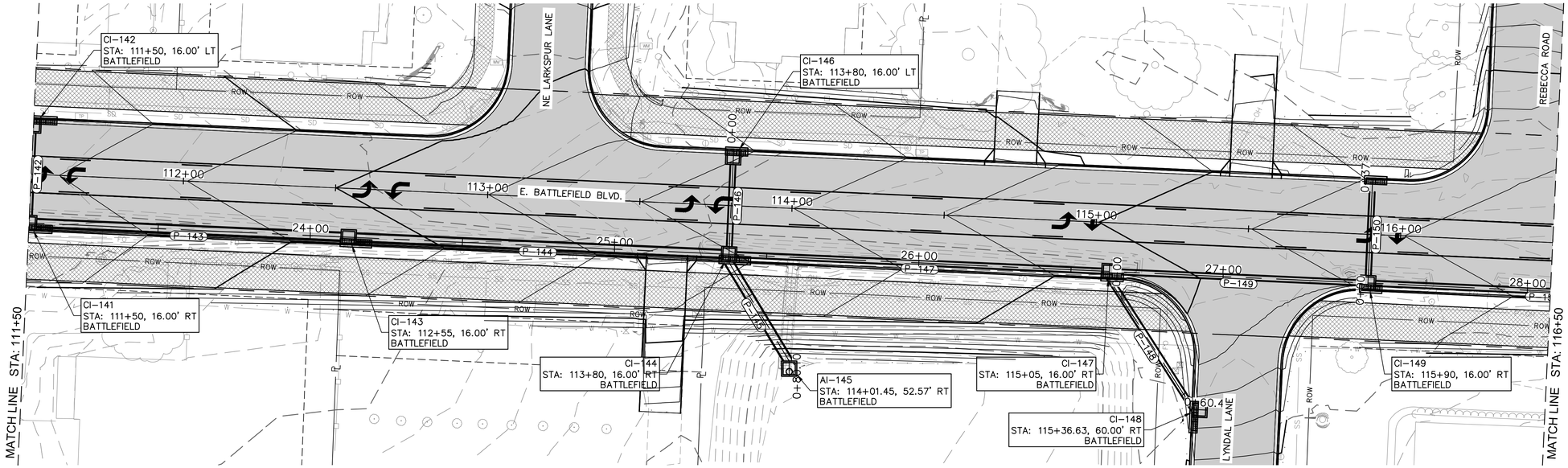
BENTONVILLE, AR

2022

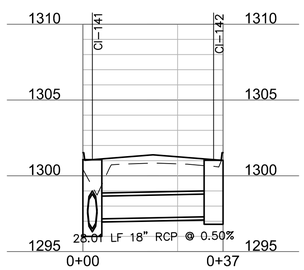
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checked by: AR
approved by: AR
QA/QC by: AR
project no.: I21-04210
drawing no.: T_STM_01_I2104210
date: 06/15/2022

SHEET
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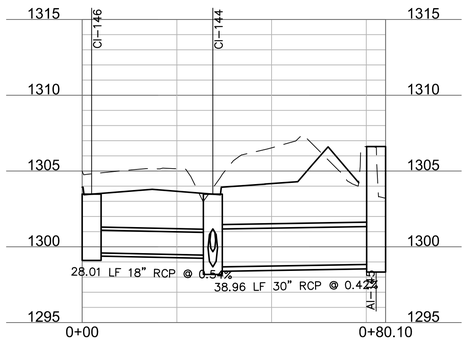
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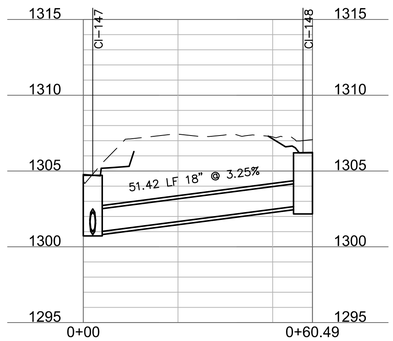
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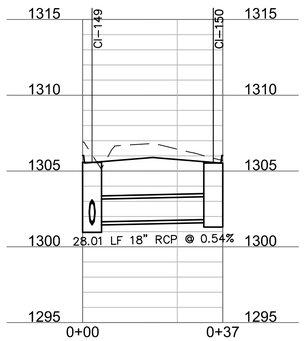
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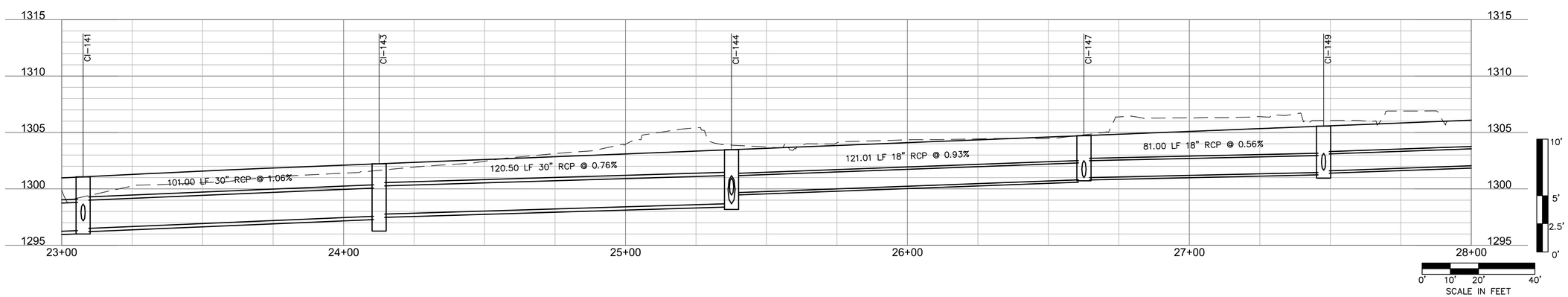
ALG - P-148 (0+00 - 0+60.49)



ALG - P-150 (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

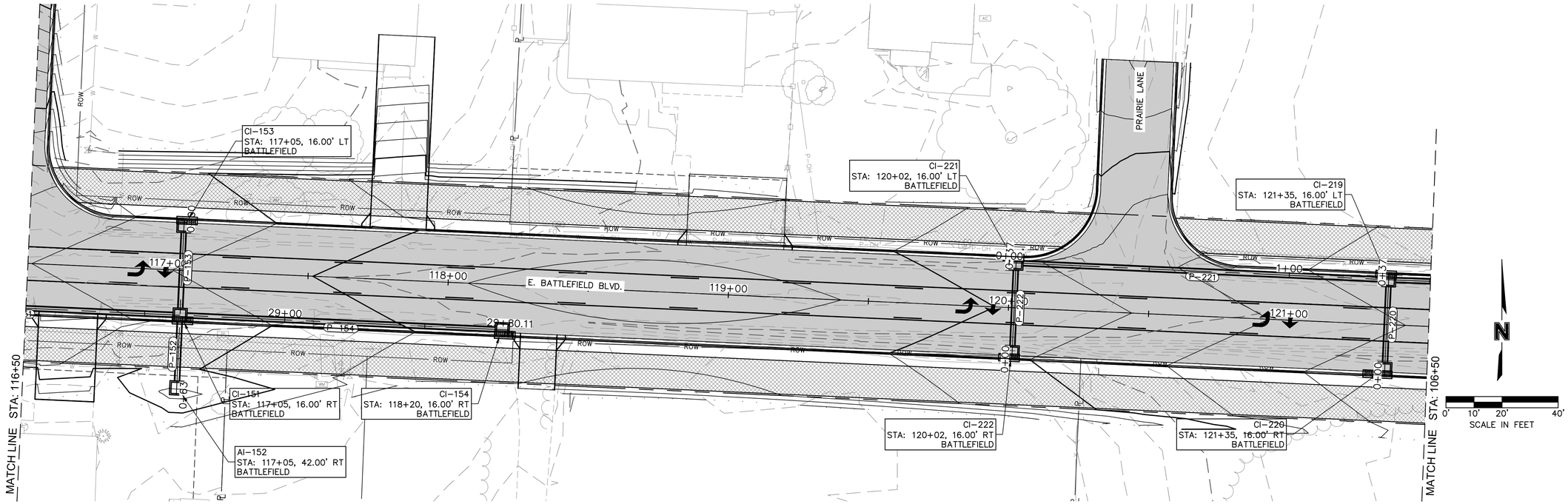
BENTONVILLE, AR

2022

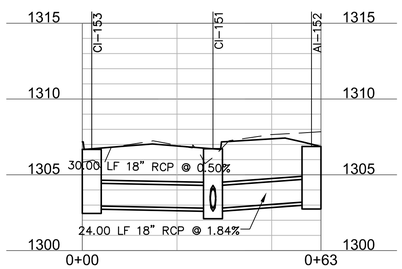
drawn by:	NS
checked by:	AR
approved by:	AR
QA/QC by:	AR
project no.:	I21-04210
drawing no.:	T_STM_02_I2104210
date:	06/15/2022

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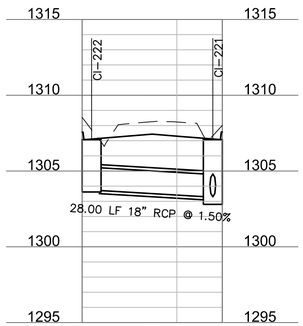
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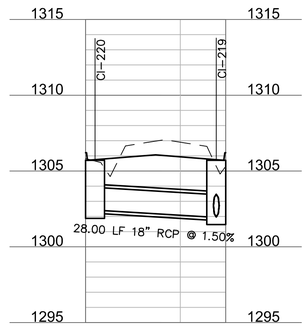
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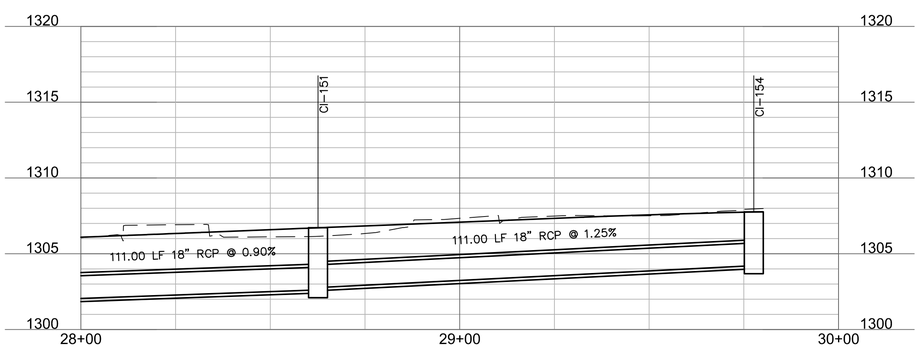
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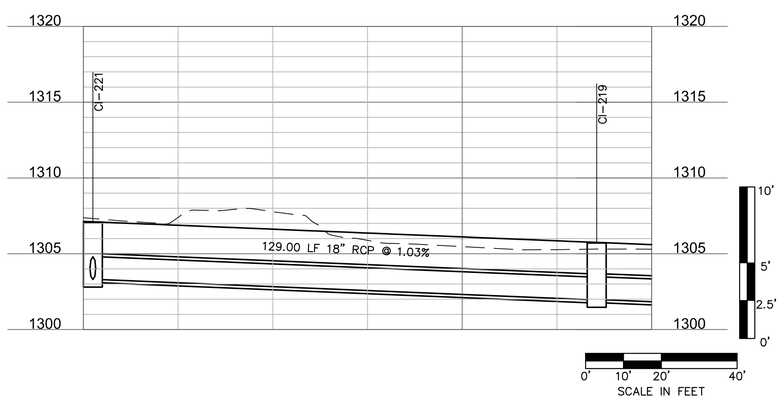
ALG - P-220 (0+00 - 0+37)



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



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



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REV. NO.	DATE	REVISIONS DESCRIPTION	BY
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STORM DRAINAGE LAYOUT PLAN

E. BATTLEFIELD BOULEVARD IMPROVEMENTS

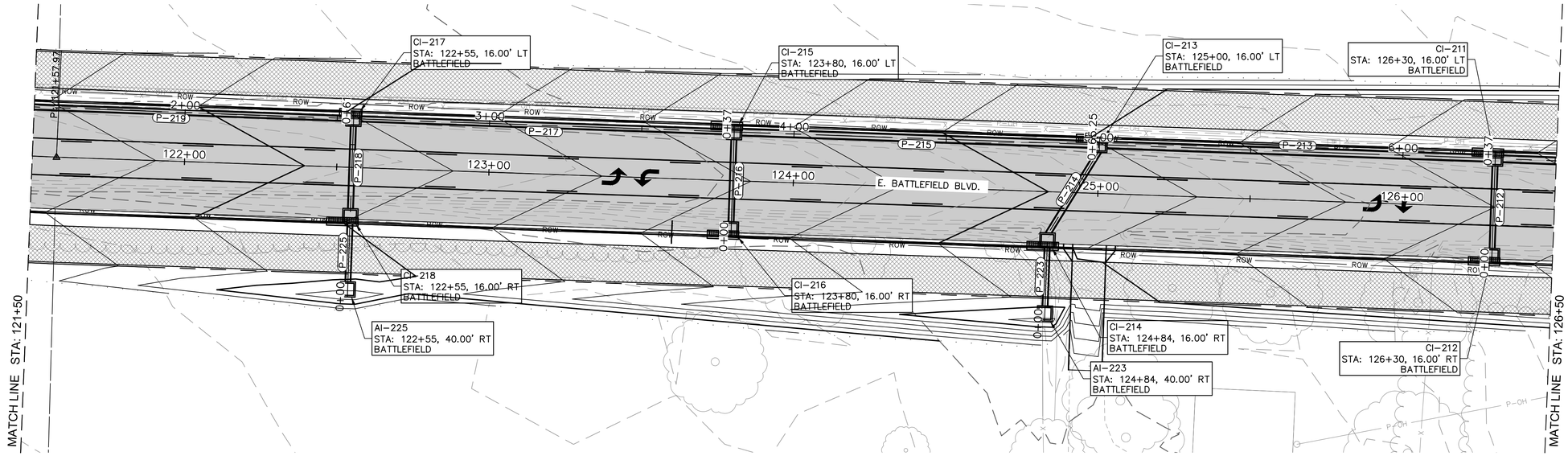
BENTONVILLE, AR

2022

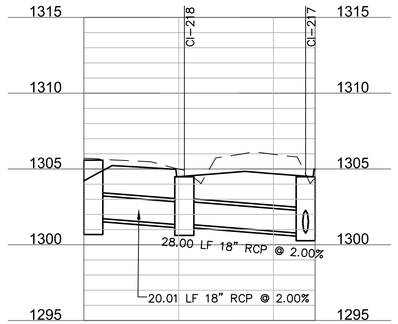
drawn by: NS
checked by: AR
approved by: AR
QA/QC by: AR
project no.: I21-04210
drawing no.: T_STM_02_I2104210
date: 06/15/2022

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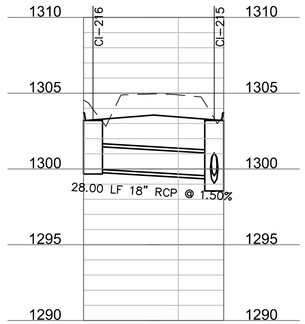
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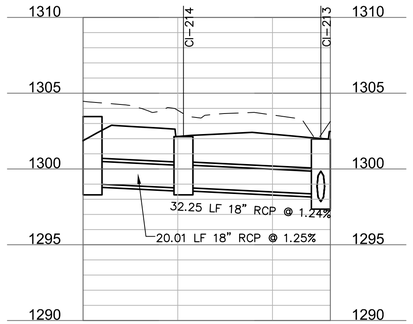
ALG - 218 (0+00 - 0+61)



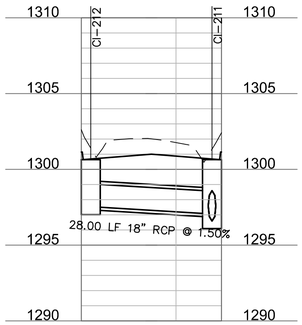
ALG - P-216 (0+00 - 0+37)



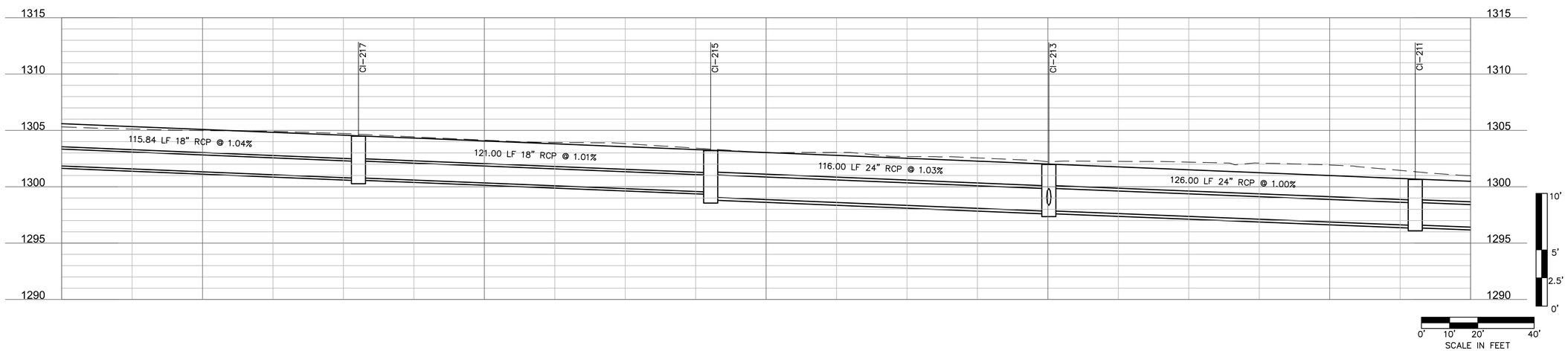
ALG - P-214 (0+00 - 0+65.25)



ALG - P-212 (0+00 - 0+37)



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



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STORM DRAINAGE LAYOUT PLAN

E. BATTLEFIELD BOULEVARD IMPROVEMENTS

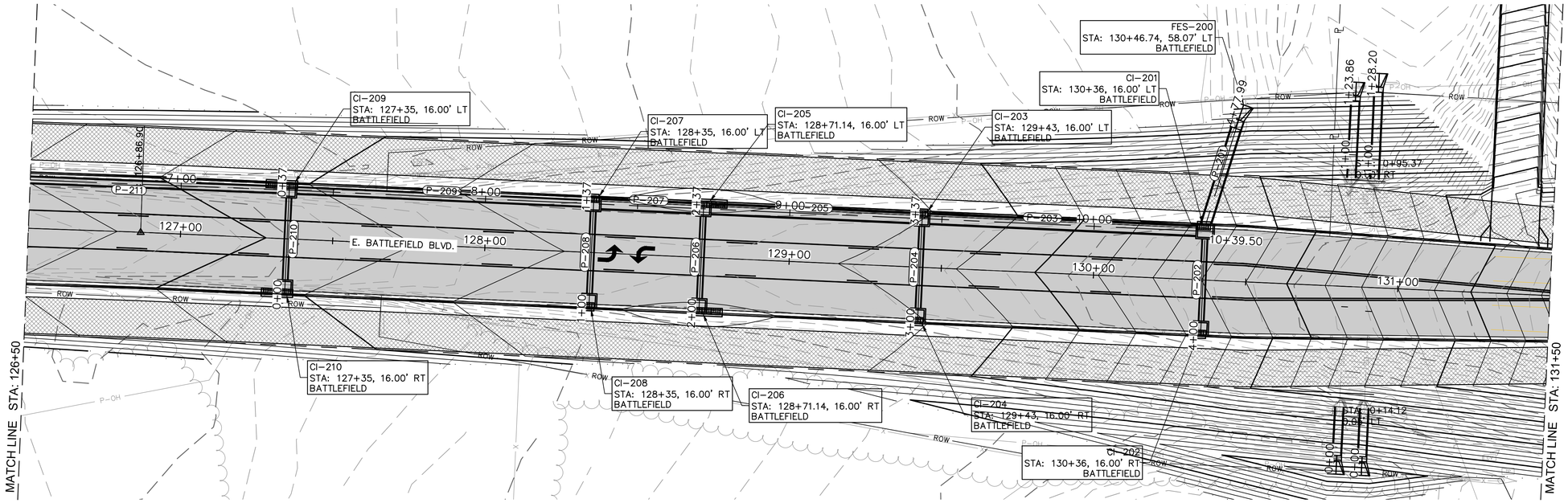
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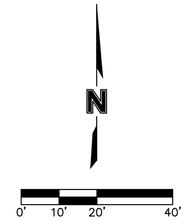
2022

drawn by: NS
checked by: AR
approved by: AR
QA/QC by: AR
project no.: I21-04210
drawing no.: T_STM_02_I2104210
date: 06/15/2022

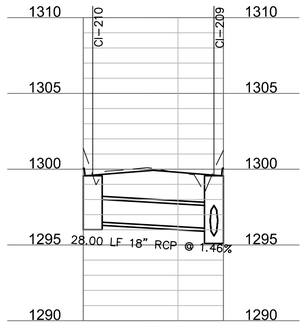
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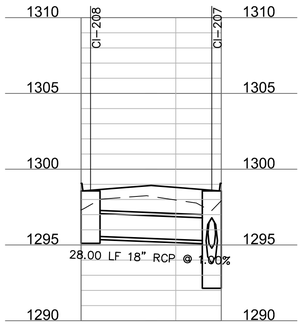




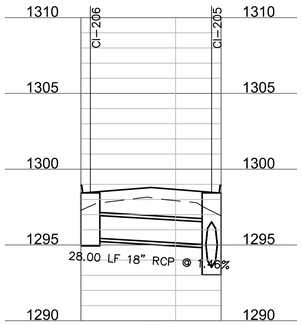
ALG - P-210 (0+00 - 0+37)



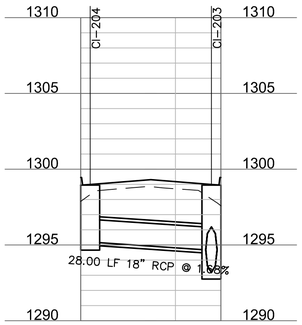
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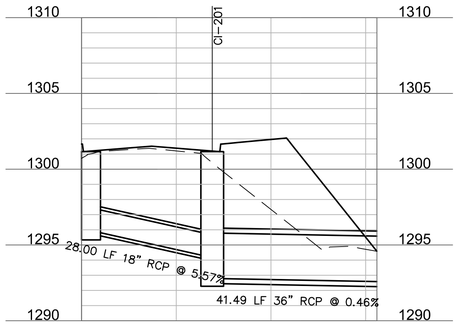
ALG - P-206 (2+00 - 2+37)



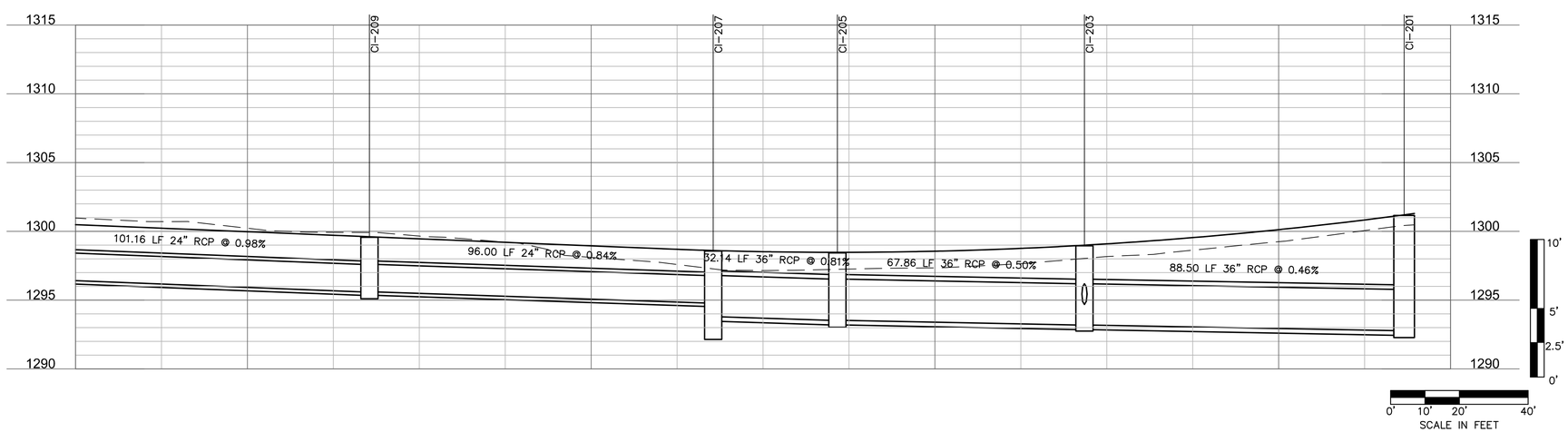
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ALG - P-202 (4+00 - 4+77.99)



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



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REVISIONS

REV. NO.	DATE	REVISIONS DESCRIPTION	BY

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_03_I2104210
date: 06/15/2022

PIPES				
PIPE ID	2D LENGTH (LF) (INSIDE TO INSIDE)	DIAMETER AND MATERIAL	SLOPE	STRUCTURES AND INVERTS
P–101	93.74	108" X 36" RCBC	0.50%	START: J–101 1286.47 END: FES–100 1286.00
P–102	14.00	108" X 36" RCBC	0.50%	START: J–102 1286.54 END: J–101 1286.47
P–103	12.23	18" RCP	1.05%	START: CI–103 1287.85 END: J–102 1287.70
P–104	19.56	108" X 36" RCBC	0.51%	START: J–104 1286.64 END: J–102 1286.54
P–105	13.89	18" RCP	0.50%	START: CI–105 1286.91 END: J–104 1286.84
P–106	28.01	18" RCP	0.50%	START: CI–106 1287.25 END: CI–105 1287.11
P–107	89.20	108" X 36" RCBC	0.50%	START: J–107 1287.09 END: J–104 1286.64
P–108	10.51	18" RCP	0.57%	START: CI–108 1287.41 END: J–107 1287.35
P–109	28.01	18" RCP	0.50%	START: CI–109 1287.75 END: CI–108 1287.61
P–111	16.56	18" RCP	0.54%	START: CI–111 1288.53 END: J–110 1288.44
P–112	14.00	18" RCP	0.50%	START: CI–112 1288.80 END: CI–111 1288.73
P–113	58.11	108" X 36" RCBC	0.50%	START: J–113 1288.10 END: J–110 1287.81
P–114	10.51	18" RCP	0.57%	START: CI–114 1288.51 END: J–113 1288.45
P–115	28.01	18" RCP	0.50%	START: CI–115 1288.85 END: CI–114 1288.71
P–116	144.00	108" X 36" RCBC	0.50%	START: J–116 1288.82 END: J–113 1288.10
P–117	10.50	18" RCP	0.57%	START: 1289.72 END: J–116 1289.66

PIPES				
PIPE ID	2D LENGTH (LF) (INSIDE TO INSIDE)	DIAMETER AND MATERIAL	SLOPE	STRUCTURES AND INVERTS
P–118	34.30	18" RCP	0.52%	START: CI–118 1290.10 END: CI–117 1289.92
P–119	144.00	108" X 36" RCBC	0.50%	START: J–119 1289.54 END: J–116 1288.82
P–120	26.99	24" RCP	6.08%	START: 144 1292.06 END: J–119 1290.30
P–121	10.51	18" RCP	0.57%	START: CI–121 1290.71 END: J–119 1290.65
P–122	28.01	18" RCP	0.50%	START: CI–122 1291.05 END: CI–121 1290.91
P–123	66.91	108" X 36" RCBC	0.48%	START: J–123 1289.86 END: J–119 1289.54
P–124	31.36	18" RCP	1.44%	START: CI–124 1291.60 END: J–123 1291.15
P–125	20.01	18" RCP	–0.50%	START: CI–125 1291.90 END: CI–124 1291.80
P–126	90.09	108" X 36" RCBC	0.51%	START: J–126 1290.32 END: J–123 1289.86
P–127	10.51	18" RCP	0.95%	START: CI–127 1291.44 END: J–126 1291.34
P–128	28.01	18" RCP	0.50%	START: CI–128 1291.78 END: CI–127 1291.64
P–129	77.00	108" X 36" RCBC	0.51%	START: J–129 1290.71 END: J–126 1290.32
P–130	35.50	108 X 36 INCH CONCRETE BOX CULVERT	6.20%	START: FES–130 1294.04 END: J–129 1291.84
P–131	10.50	18" RCP	0.50%	START: CI–131 –4.71 END: J–129 –4.77
P–132	75.16	30" RCP	0.56%	START: CI–132 1292.79 END: J–129 1292.37
P–133	28.01	18" RCP	0.50%	START: CI–133 1293.75 END: CI–132 1293.61

PIPES				
PIPE ID	2D LENGTH (LF) (INSIDE TO INSIDE)	DIAMETER AND MATERIAL	SLOPE	STRUCTURES AND INVERTS
P–134	70.01	30" RCP	0.70%	START: J–134 1293.48 END: CI–132 1292.99
P–135	22.00	18" RCP	0.45%	START: AI–135 1294.96 END: J–134 1294.86
P–136	64.03	30" RCP	0.93%	START: CI–136 1294.48 END: J–134 1293.88
P–137	28.01	18" RCP	0.50%	START: CI–137 1295.45 END: CI–136 1295.31
P–138	58.03	30" RCP	0.95%	START: CI–138 1295.23 END: CI–136 1294.68
P–139	42.79	24" RCP	0.52%	START: CI–138 1295.78 END: CI–139 1296.00
P–140	20.01	24" RCP	0.50%	START: CI–140 1296.30 END: CI–139 1296.20
P–141	84.02	30" RCP	1.04%	START: CI–141 1296.30 END: CI–138 1295.43
P–142	28.01	18" RCP	0.50%	START: CI–142 1297.30 END: CI–141 1297.16
P–143	101.00	30" RCP	1.06%	START: CI–143 1297.57 END: CI–141 1296.50
P–144	121.01	30" RCP	0.76%	START: CI–144 1298.68 END: CI–143 1297.77
P–145	38.96	30" RCP	0.42%	START: AI–145 1298.84 END: CI–144 1298.68
P–146	28.01	18" RCP	0.54%	START: CI–146 1299.60 END: CI–144 1299.45
P–147	121.01	18" RCP	0.93%	START: CI–147 1300.80 END: CI–144 1299.68
P–148	51.07	18" RCP	3.25%	START: CI–148 1302.67 END: CI–147 1301.00
P–149	81.01	18" RCP	0.56%	START: CI–149 1301.45 END: CI–147 1301.00

PIPES				
PIPE ID	2D LENGTH (LF) (INSIDE TO INSIDE)	DIAMETER AND MATERIAL	SLOPE	STRUCTURES AND INVERTS
P–150	28.01	18" RCP	0.54%	START: CI–150 1301.80 END: CI–149 1301.65
P–151	111.02	18" RCP	0.90%	START: CI–151 1302.60 END: CI–149 1301.60
P–152	24.02	18" RCP	1.84%	START: AI–152 1303.24 END: CI–151 1302.80
P–153	28.01	18" RCP	0.50%	START: CI–153 1302.95 END: CI–151 1302.80
P–154	111.01	18" RCP	1.25%	START: CI–154 1304.19 END: CI–151 1302.80
P–301	34.84	30" RCP	0.54%	START: CI–301 1286.83 END: FES–300 1286.65
P–302	42.97	30" RCP	0.50%	START: CI–302 1287.05 END: CI–301 1286.83
P–303	30.04	30" RCP	0.51%	START: FES–303 1287.20 END: CI–302 1287.05

PIPES				
PIPE ID	2D LENGTH (LF) (INSIDE TO INSIDE)	DIAMETER AND MATERIAL	SLOPE	STRUCTURES AND INVERTS
P–201	41.49	36" RCP	0.46%	START: CI–201 1292.78 END: FES–200 1292.59
P–202	28.00	18" RCP	5.57%	START: CI–202 1295.84 END: CI–201 1294.28
P–203	88.50	36" RCP	0.46%	START: CI–203 1293.19 END: CI–201 1292.78
P–204	28.00	18" RCP	1.68%	START: CI–204 1295.16 END: CI–203 1294.69
P–205	67.86	36" RCP	0.50%	START: CI–205 1293.53 END: CI–203 1293.19
P–206	28.00	18" RCP	1.46%	START: CI–206 1295.44 END: CI–205 1295.03
P–207	32.14	36" RCP	0.81%	START: CI–207 1293.79 END: CI–205 1293.53
P–208	28.00	18" RCP	1.00%	START: CI–208 1295.57 END: CI–207 1295.29
P–209	96.00	24" RCP	0.84%	START: CI–209 1295.60 END: CI–207 1294.79
P–210	28.00	18" RCP	1.46%	START: CI–209 1296.10 END: CI–210 1296.51
P–211	101.16	24" RCP	0.98%	START: CI–209 1295.60 END: CI–211 1296.59
P–212	28.00	18" RCP	1.50%	START: CI–211 1297.09 END: CI–212 1297.51
P–213	126.00	24" RCP	1.00%	START: CI–213 1297.85 END: CI–211 1296.59
P–214	32.25	18" RCP	1.24%	START: CI–214 1298.75 END: CI–213 1298.35
P–215	116.00	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	28.00	18" RCP	1.50%	START: CI–215 1299.55 END: CI–216 1299.97
P–217	121.00	18" RCP	1.01%	START: CI–215 1299.55 END: CI–217 1300.77
P–218	28.00	18" RCP	2.00%	START: CI–217 1300.77 END: CI–218 1301.33
P–219	115.84	18" RCP	1.04%	START: CI–217 1300.77 END: CI–219 1301.97
P–220	28.00	18" RCP	1.50%	START: CI–219 1301.97 END: CI–220 1302.39
P–221	129.00	18" RCP	1.03%	START: CI–219 1301.97 END: CI–221 1303.30
P–222	28.00	18" RCP	1.50%	START: CI–221 1303.30 END: CI–222 1303.72
P–223	20.01	18" RCP	1.25%	START: AI–223 1299.00 END: CI–214 1298.75
P–225	20.01	18" RCP	2.00%	START: AI–225 1301.73 END: CI–218 1301.33

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STORM DRAINAGE PIPES

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: 06/15/2022

DWG: F:\2021\04001-04500\021-04210-I\40-Design\AutoCAD\Final Plans\Sheets\STORM DRAINAGE\T_STM_03_I2104210.dwg USER: nscaggs
DATE: Jun 15, 2022 4:30pm XREFS: T_BASE_I2104210 T_TLBK_I2104210 V_XTOPO_I2104210 V_XBNDY_I2104210 F_BASE_I2104210
T_PPAIT_I2104210 T_STRM_I2104210

STORM DRAINAGE STRUCTURES			
ID	DESC.	TOP ELEVATION @ CENTER OF BOX	INVERT
AI–135	4' X 4' – SS–1 JUNCTION BOX	1297.17	INV. OUT= 1294.96 (18" RCP)
AI–152	4' X 4' – SS–1 JUNCTION BOX	1306.87	INV. OUT= 1303.24 (18" RCP)
CI–103	4' X 4' – SS–1 JUNCTION BOX	1290.93	INV. OUT= 1287.85 (18" RCP)
CI–106	4' X 4' – SS–1 JUNCTION BOX	1290.49	INV. OUT= 1287.25 (18" RCP)
CI–109	4' X 4' – SS–1 JUNCTION BOX	1290.99	INV. OUT= 1287.75 (18" RCP)
CI–111	4' X 4' – SS–1 JUNCTION BOX	1292.42	INV. IN= 1288.73 (18" RCP) INV. OUT= 1288.53 (18" RCP)
CI–112	4' X 4' – SS–1 JUNCTION BOX	1292.40	INV. OUT= 1288.80 (18" RCP)
CI–115	4' X 4' – SS–1 JUNCTION BOX	1292.56	INV. OUT= 1288.85 (18" RCP)
CI–118	4' X 4' – SS–1 JUNCTION BOX	1293.83	INV. OUT= 1290.10 (18" RCP)
CI–122	4' X 4' – SS–1 JUNCTION BOX	1294.80	INV. OUT= 1291.05 (18" RCP)
CI–124	4' X 4' – SS–1 JUNCTION BOX	1295.53	INV. OUT= 1291.80 (18" RCP) INV. OUT= 1291.60 (18" RCP)
CI–125	4' X 4' – SS–1 JUNCTION BOX	1295.73	INV. IN= 1291.90 (18" RCP)
CI–128	4' X 4' – SS–1 JUNCTION BOX	1296.01	INV. OUT= 1291.78 (18" RCP)
CI–132	4' X 4' – SS–1 JUNCTION BOX	1297.51	INV. IN= 1292.99 (30" RCP) INV. IN= 1293.61 (18" RCP) INV. OUT= 1292.79 (30" RCP)
CI–133	4' X 4' – SS–1 JUNCTION BOX	1297.48	INV. OUT= 1293.75 (18" RCP)
CI–136	4' X 4' – SS–1 JUNCTION BOX	1299.19	INV. IN= 1294.68 (30" RCP) INV. IN= 1295.31 (18" RCP) INV. OUT= 1294.48 (30" RCP)

STORM DRAINAGE STRUCTURES			
ID	DESC.	TOP ELEVATION @ CENTER OF BOX	INVERT
CI–137	4' X 4' – SS–1 JUNCTION BOX	1299.19	INV. OUT= 1295.45 (18" RCP)
CI–138	4' X 4' – SS–1 JUNCTION BOX	1299.99	INV. IN= 1295.43 (30" RCP) INV. IN= 1295.78 (24" RCP) INV. OUT= 1295.23 (30" RCP)
CI–139	4' X 4' – SS–1 JUNCTION BOX	1300.62	INV. IN= 1296.20 (24" RCP) INV. OUT= 1296.00 (24" RCP)
CI–140	4' X 4' – SS–1 JUNCTION BOX	1300.61	INV. OUT= 1296.30 (24" RCP)
CI–141	4' X 4' – SS–1 JUNCTION BOX	1301.07	INV. IN= 1297.16 (18" RCP) INV. IN= 1296.50 (30" RCP) INV. OUT= 1296.30 (30" RCP)
CI–142	4' X 4' – SS–1 JUNCTION BOX	1301.03	INV. OUT= 1297.30 (18" RCP)
CI–143	4' X 4' – SS–1 JUNCTION BOX	1302.23	INV. IN= 1297.77 (30" RCP) INV. OUT= 1297.57 (30" RCP)
CI–144	4' X 4' – SS–1 JUNCTION BOX	1303.47	INV. IN= 1299.68 (18" RCP) INV. IN= 1298.68 (30" RCP) INV. IN= 1299.45 (18" RCP) INV. OUT= 1298.68 (30" RCP)
CI–146	4' X 4' – SS–1 JUNCTION BOX	1303.47	INV. OUT= 1299.60 (18" RCP)
CI–147	4' X 4' – SS–1 JUNCTION BOX	1304.72	INV. IN= 1301.00 (18" RCP) INV. IN= 1301.00 (18" RCP) INV. OUT= 1300.80 (18" RCP)
CI–148	4' X 4' – SS–1 JUNCTION BOX	1306.20	INV. OUT= 1302.67 (18" RCP)
CI–149	4' X 4' – SS–1 JUNCTION BOX	1305.57	INV. IN= 1301.65 (18" RCP) INV. IN= 1301.60 (18" RCP) INV. OUT= 1301.45 (18" RCP)
CI–150	4' X 4' – SS–1 JUNCTION BOX	1305.53	INV. OUT= 1301.80 (18" RCP)
CI–151	4' X 4' – SS–1 JUNCTION BOX	1306.71	INV. IN= 1302.80 (18" RCP) INV. IN= 1302.80 (18" RCP) INV. IN= 1302.80 (18" RCP) INV. OUT= 1302.60 (18" RCP)
CI–153	4' X 4' – SS–1 JUNCTION BOX	1306.67	INV. OUT= 1302.95 (18" RCP)
CI–154	4' X 4' – SS–1 JUNCTION BOX	1307.76	INV. OUT= 1304.19 (18" RCP)

STORM DRAINAGE STRUCTURES			
ID	DESC.	TOP ELEVATION @ CENTER OF BOX	INVERT
CI–301	4' X 5' – JUNCTION BOX	1291.41	INV. IN= 1286.83 (30" RCP) INV. OUT= 1286.83 (30" RCP)
CI–302	4' X 5' – JUNCTION BOX	1291.67	INV. IN= 1287.05 (30" RCP) INV. OUT= 1287.05 (30" RCP)
FES–100	84" FES	1292.00	INV. IN= 1286.00 (108" X 36" RCBC)
FES–130	84" FES	1297.87	INV. OUT= 1294.04 (108 X 36 INCH CONCRETE BOX CULVERT)
FES–300	30" FES	1289.52	INV. IN= 1286.65 (30" RCP)
J–101	NULL STRUCTURE	1290.45	INV. IN= 1286.47 (108" X 36" RCBC) INV. OUT= 1286.47 (108" X 36" RCBC)
J–107	NULL STRUCTURE	1291.04	INV. IN= 1287.35 (18" RCP) INV. IN= 1287.09 (108" X 36" RCBC) INV. OUT= 1287.09 (108" X 36" RCBC)
J–113	NULL STRUCTURE	1292.04	INV. IN= 1288.45 (18" RCP) INV. IN= 1288.10 (108" X 36" RCBC) INV. OUT= 1288.10 (108" X 36" RCBC)
J–116	NULL STRUCTURE	1292.89	INV. IN= 1289.66 (18" RCP) INV. IN= 1288.82 (108" X 36" RCBC) INV. OUT= 1288.82 (108" X 36" RCBC)
J–119	NULL STRUCTURE	1294.13	INV. IN= 1290.65 (18" RCP) INV. IN= 1289.54 (108" X 36" RCBC) INV. IN= 1290.30 (24" RCP) INV. OUT= 1289.54 (108" X 36" RCBC)
J–126	NULL STRUCTURE	1294.53	INV. IN= 1291.34 (18" RCP) INV. IN= 1290.32 (108" X 36" RCBC) INV. OUT= 1290.32 (108" X 36" RCBC)
J–129	120" X 120" RCBC	1360.62	INV. IN= –4.77 (18" RCP) INV. IN= 1291.84 (108 X 36 INCH CONCRETE BOX CULVERT) INV. IN= 1292.37 (30" RCP) INV. OUT= 1290.71 (108" X 36" RCBC)
J–134	4' X 4' – SS–1 JUNCTION BOX	1298.35	INV. IN= 1293.88 (30" RCP) INV. IN= 1294.86 (18" RCP) INV. OUT= 1293.48 (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

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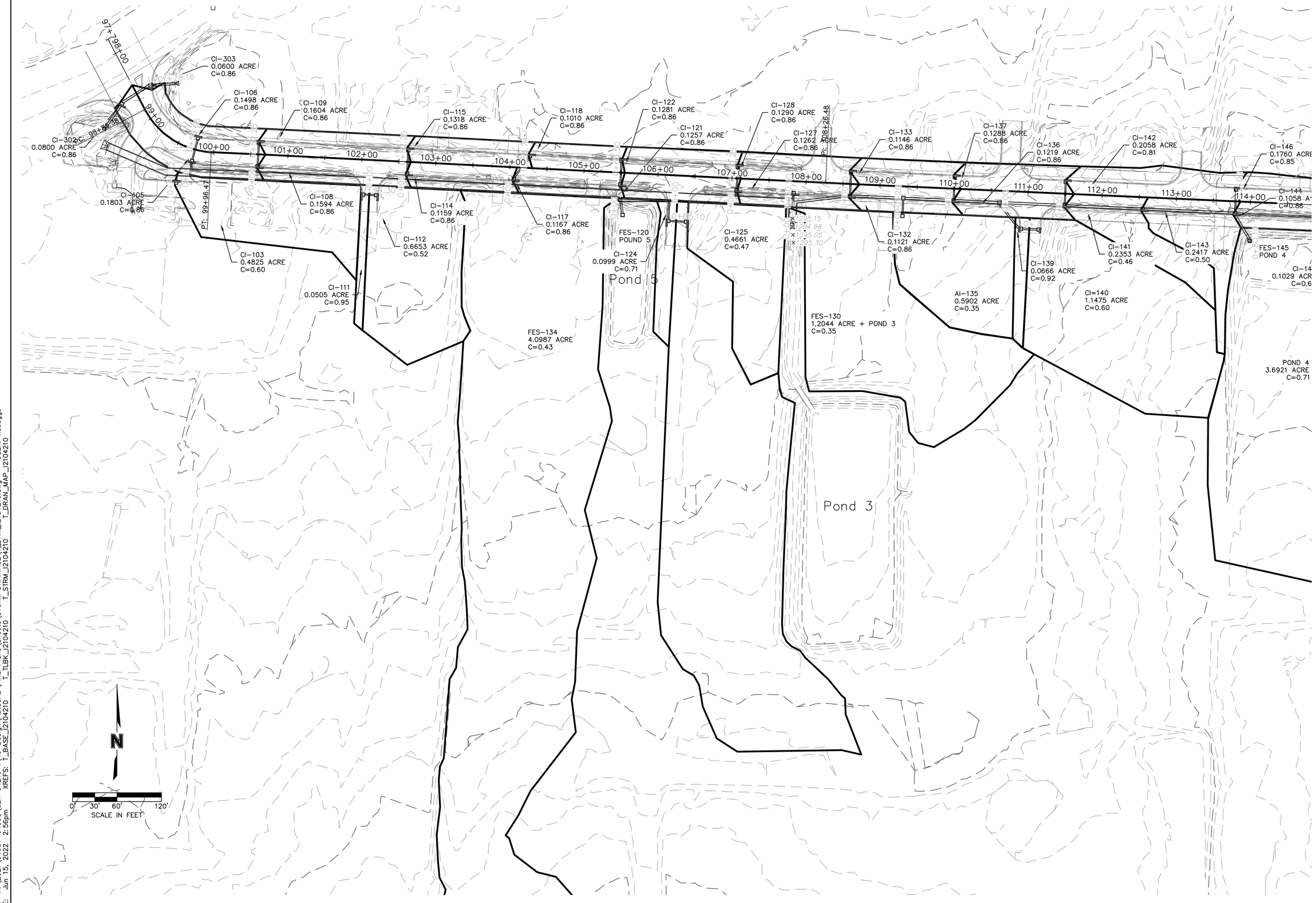
BENTONVILLE, AR

2022

drawn by: NS
checked by: AR
approved by: AR
QA/QC by: AR
project no.: I21-04210
drawing no.: T_STM_03_I2104210
date: 06/15/2022

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DRAINAGE AREA MAP

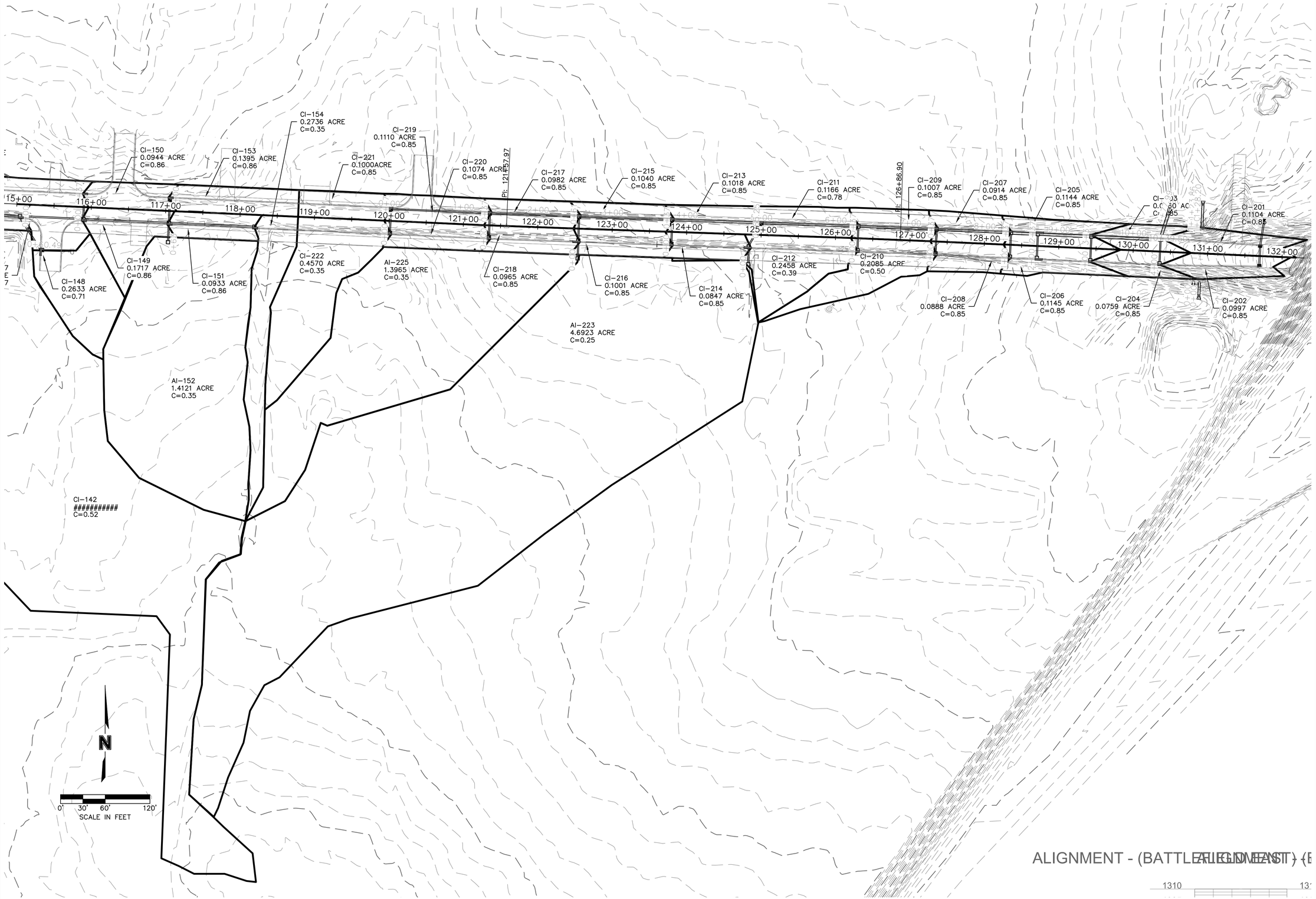
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BENTONVILLE, AR

2022

drawn by: JS
checked by: CBB
approved by: CBB
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project no.: I21-04210
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DRAINAGE AREA MAP

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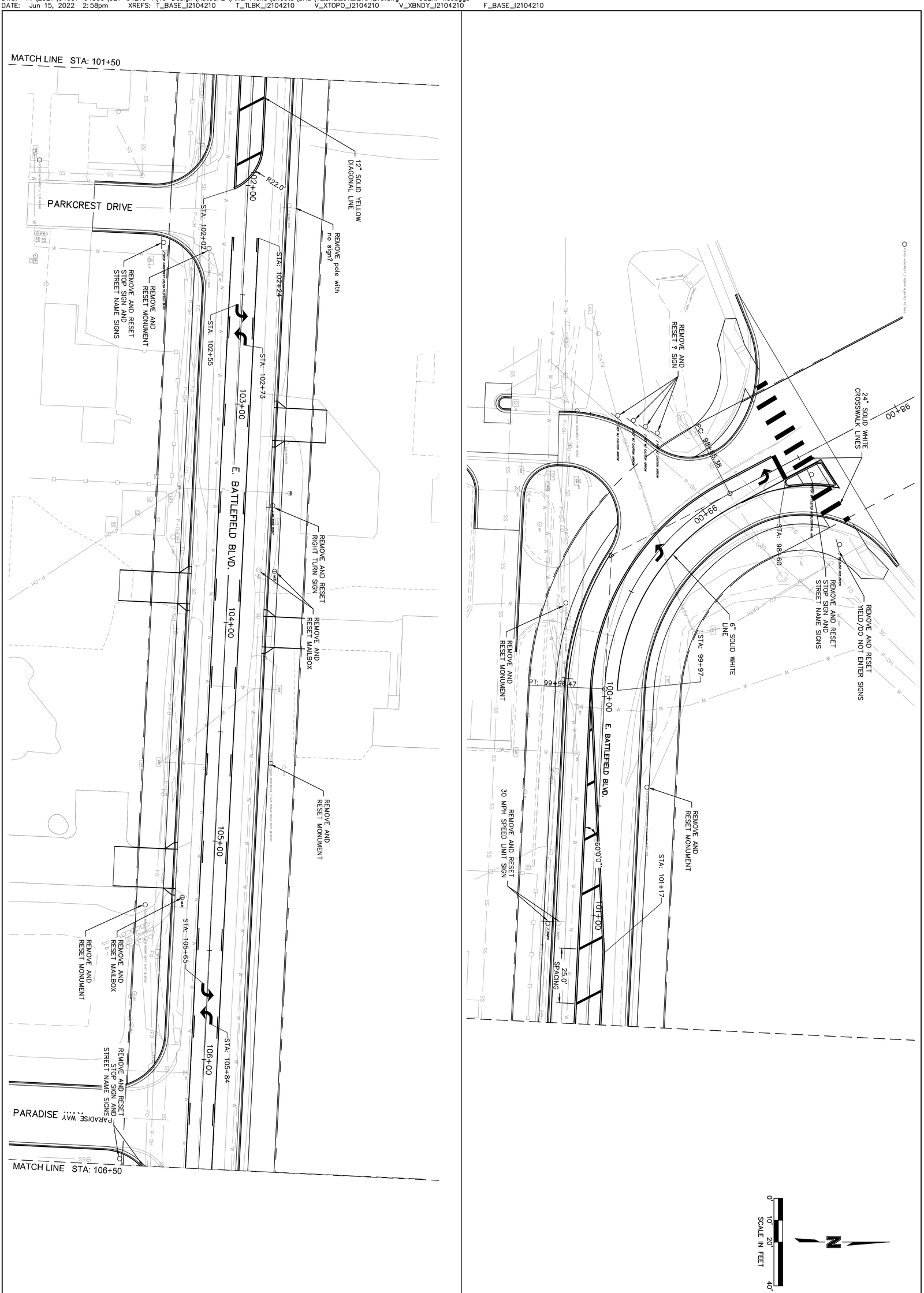
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project no.: I21-04210
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34 of 67

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drawn by: JS
checked by:
approved by: CRB
QC checked by: CRB
project no.: I21-04210
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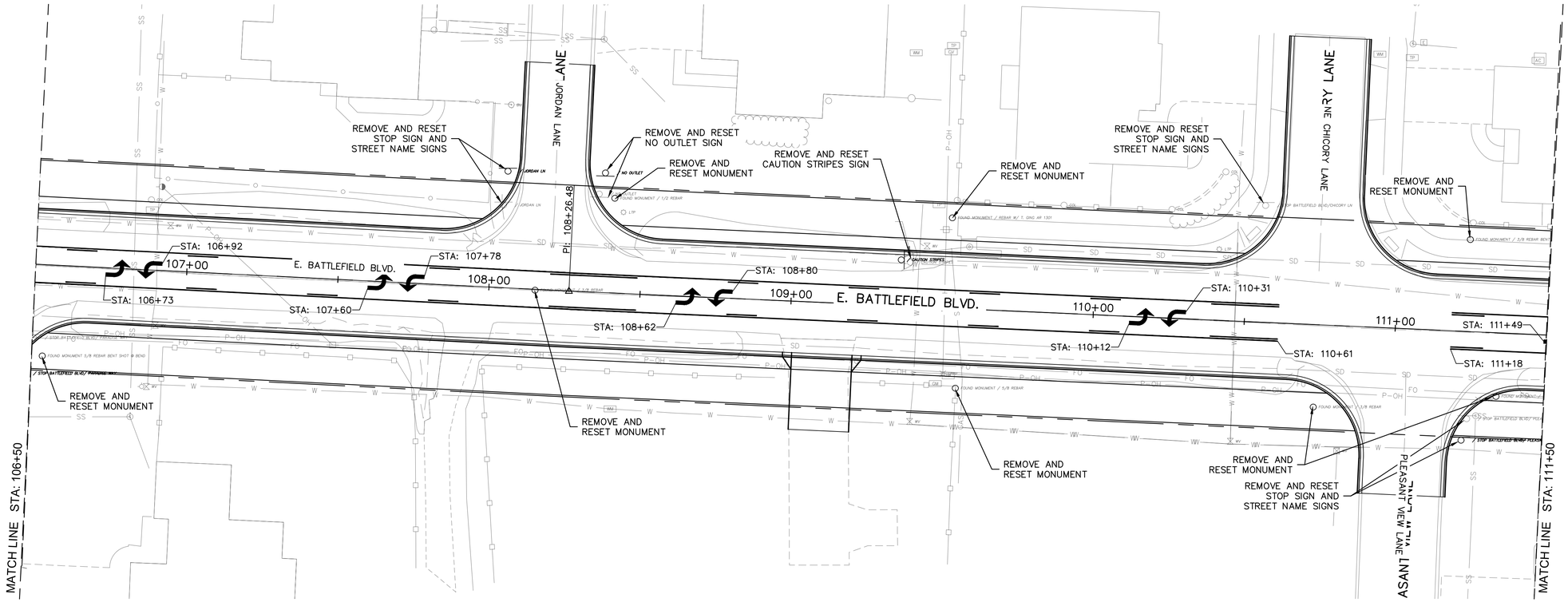
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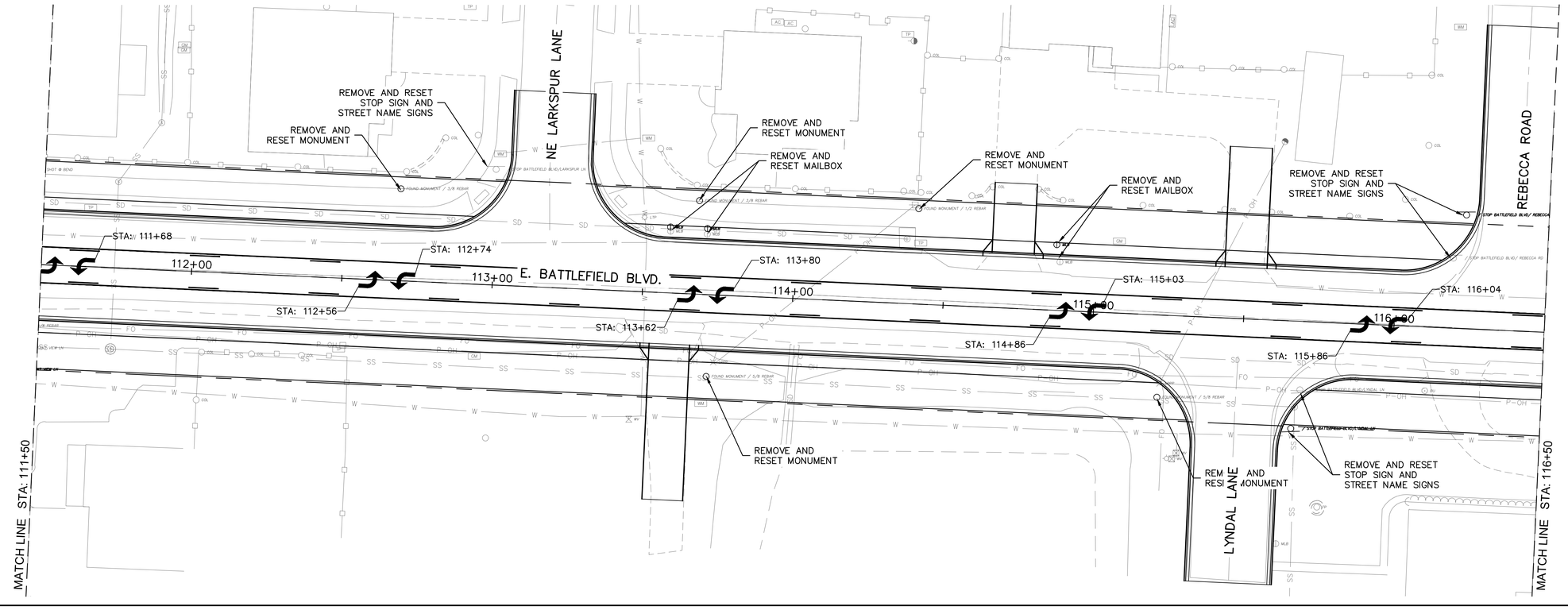
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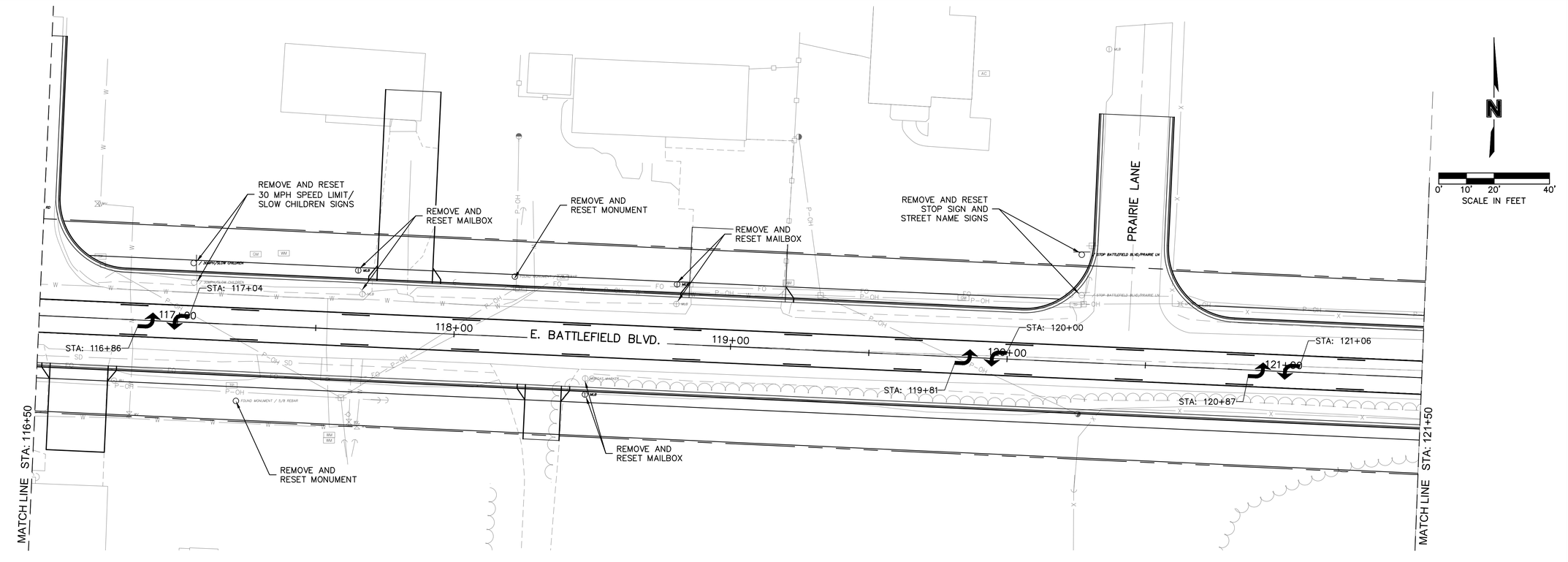
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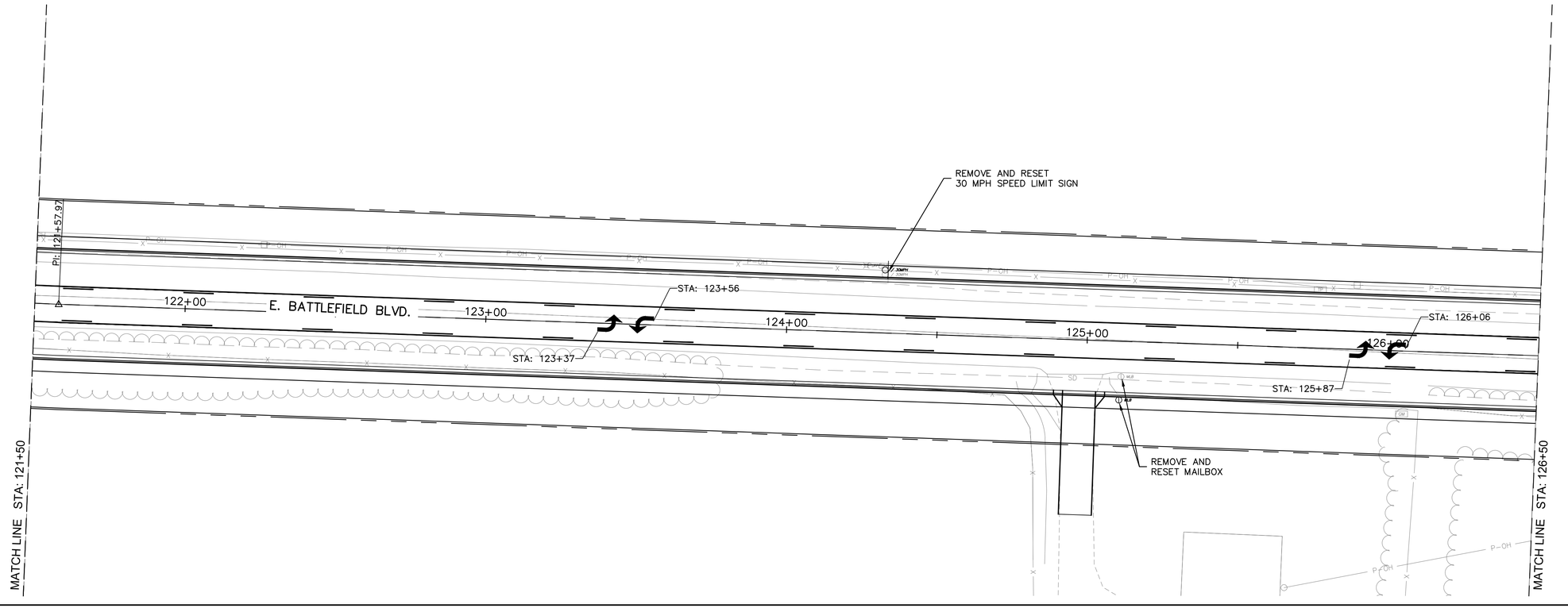
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36 of 67

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E. BATTLEFIELD BOULEVARD IMPROVEMENTS

BENTONVILLE, AR

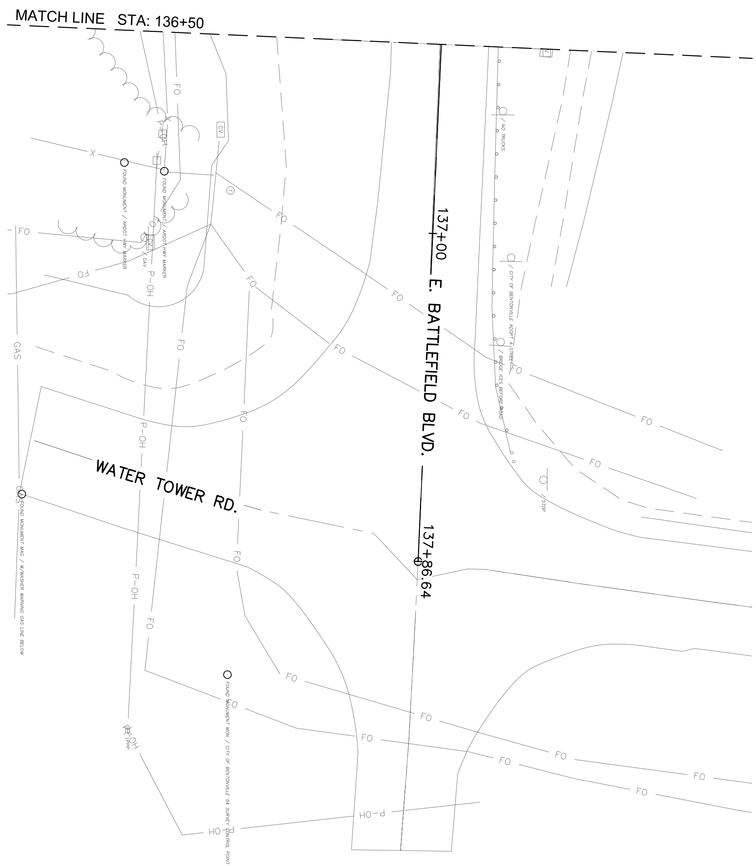
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drawn by: JS
checked by: CBB
approved by: CBB
QA/QC by:
project no.: I21-04210
drawing no.: T_SAS_02_I2104210
date: 06/15/2022

SHEET
38 of 67

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0' 10' 20' 40'
SCALE IN FEET

N

SHEET 39 of 67

drawn by: JS
checked by: CRB
approved by: CRB
QC check by: _____
project no.: I21-04210
drawing no.: T_SAS_02_I2104210
date: 06/15/2022

SIGNAGE AND STRIPING

E. BATTLEFIELD BOULEVARD IMPROVEMENTS

BENTONVILLE, AR 2022

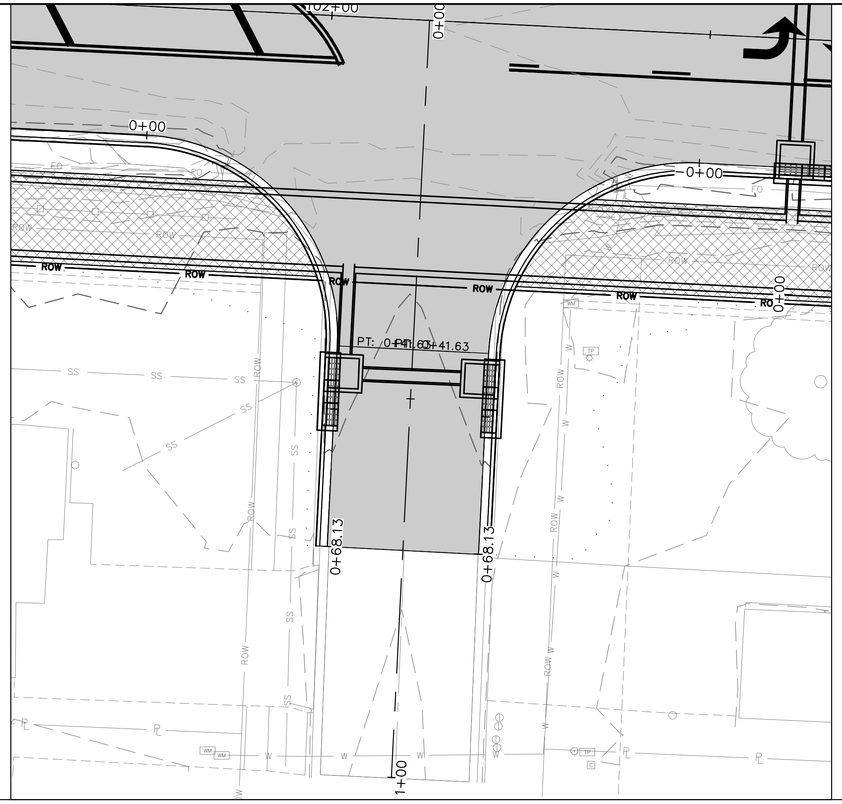
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REVISIONS

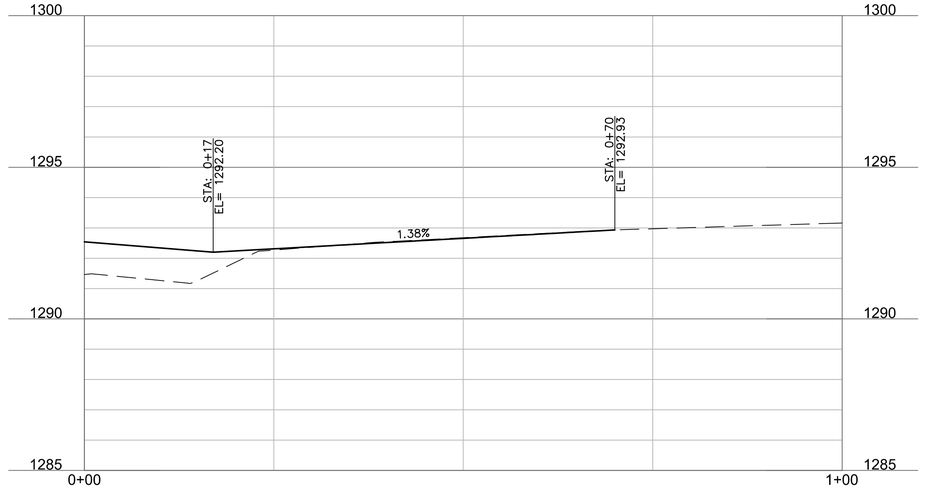
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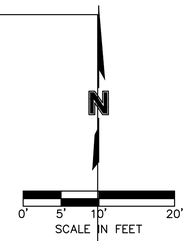
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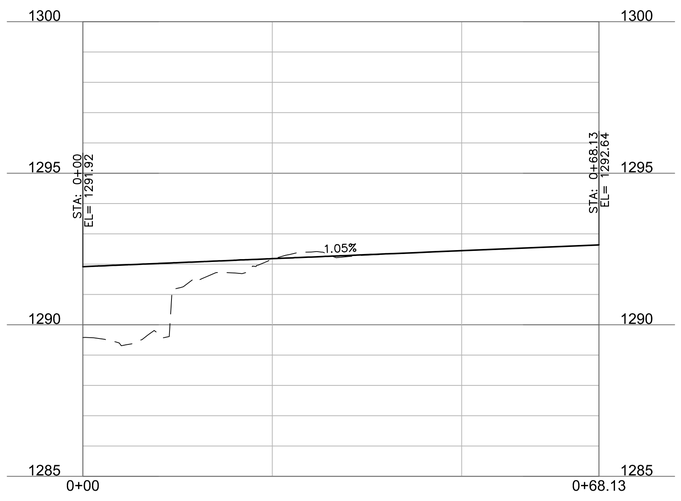


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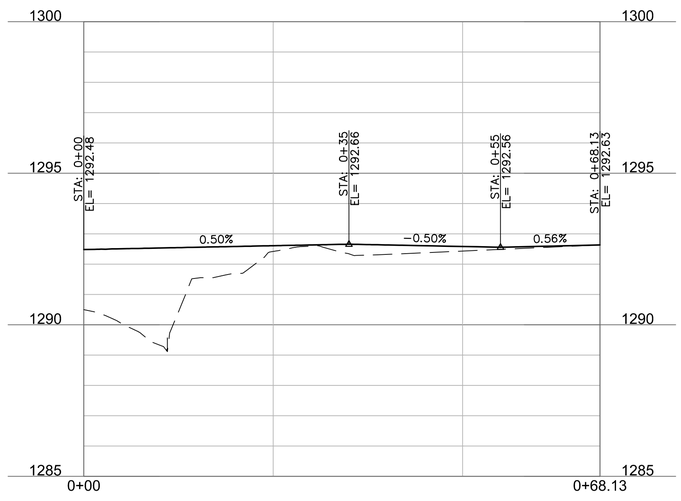


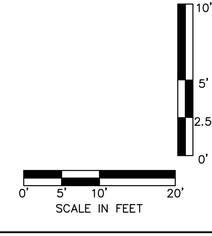


PARKCREST DR - CURB RETURN WEST (0+00 - 0+68.13)



PARKCREST DR - CURB RETURN EAST (0+00 - 0+68.13)





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REV. NO.	DATE	REVISIONS DESCRIPTION	BY

REVISIONS

SIDE STREET LAYOUT

E. BATTLEFIELD BOULEVARD IMPROVEMENTS

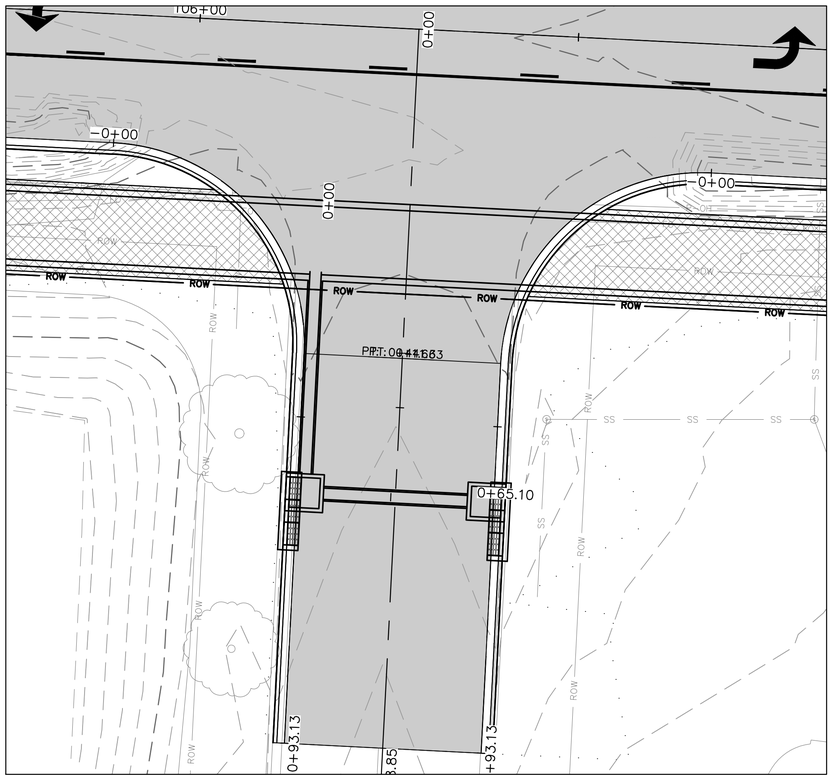
BENTONVILLE, AR

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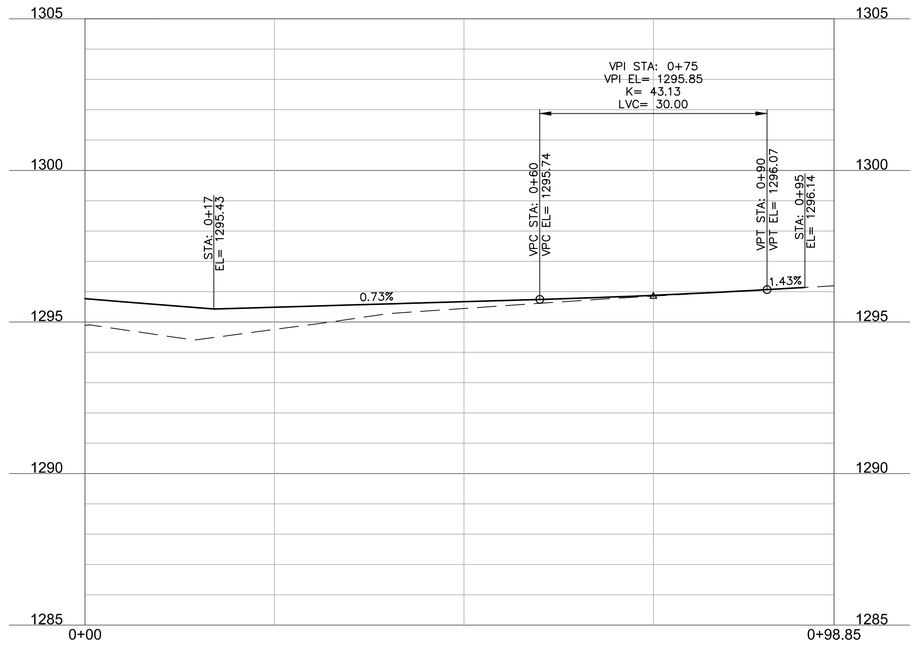
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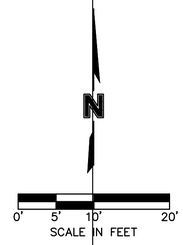
SHEET
40 of 67

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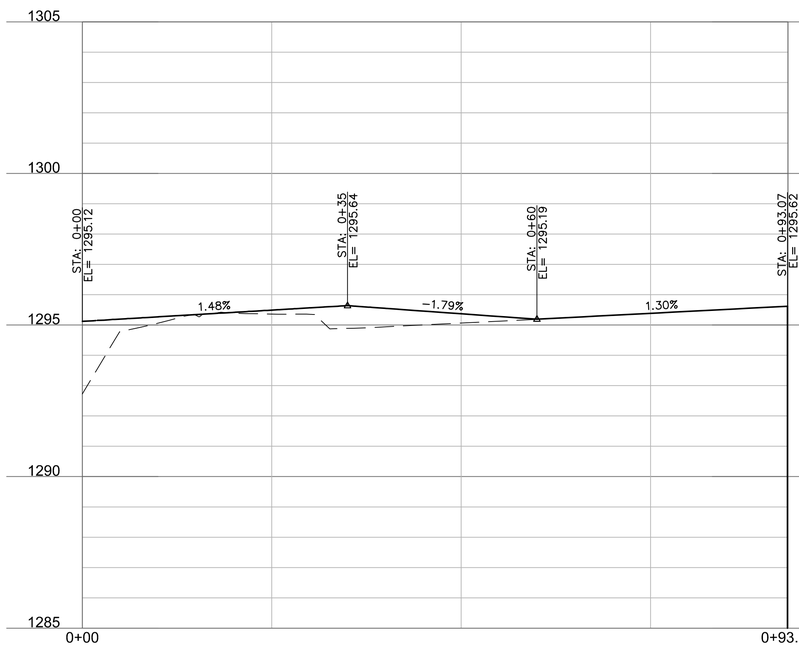


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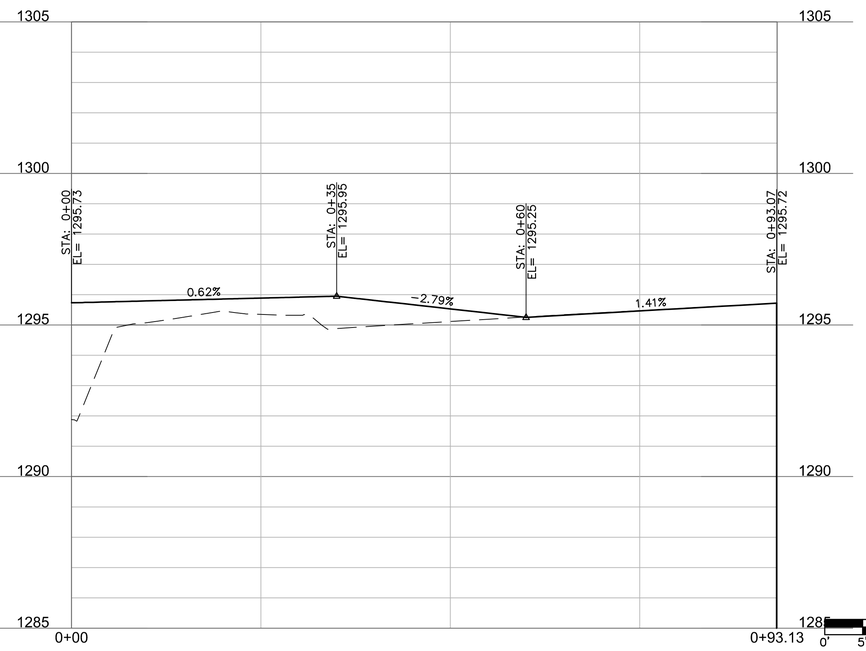


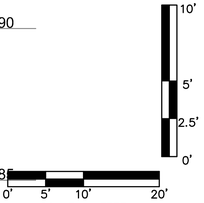


PARADISE WAY - CURB RETURN WEST (0+00 - 0+93.13)



PARADISE WAY - CURB RETURN EAST (0+00 - 0+93.13)





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REV. NO.	DATE	REVISIONS DESCRIPTION	BY

REVISIONS

SIDE STREET LAYOUT

E. BATTLEFIELD BOULEVARD IMPROVEMENTS

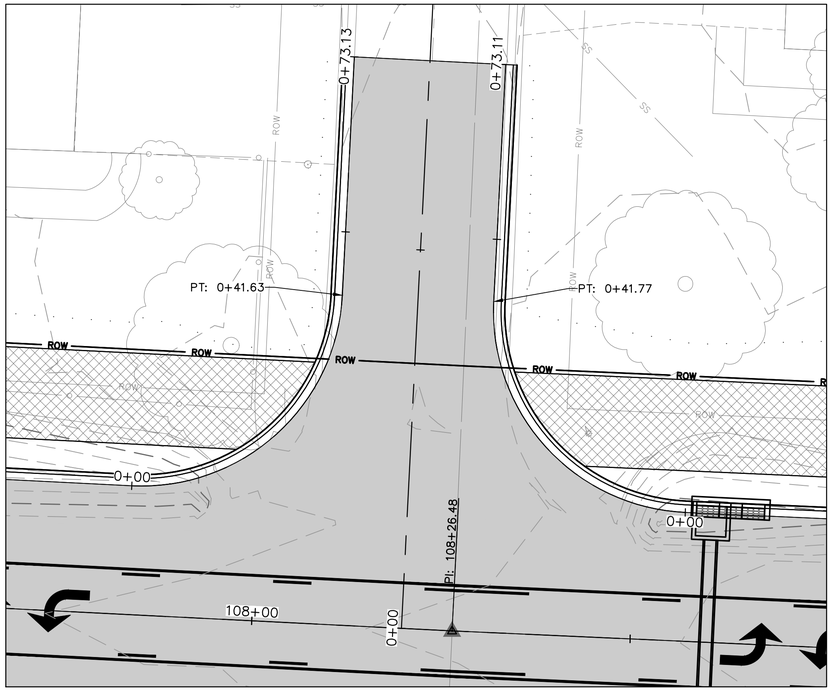
BENTONVILLE, AR

2022

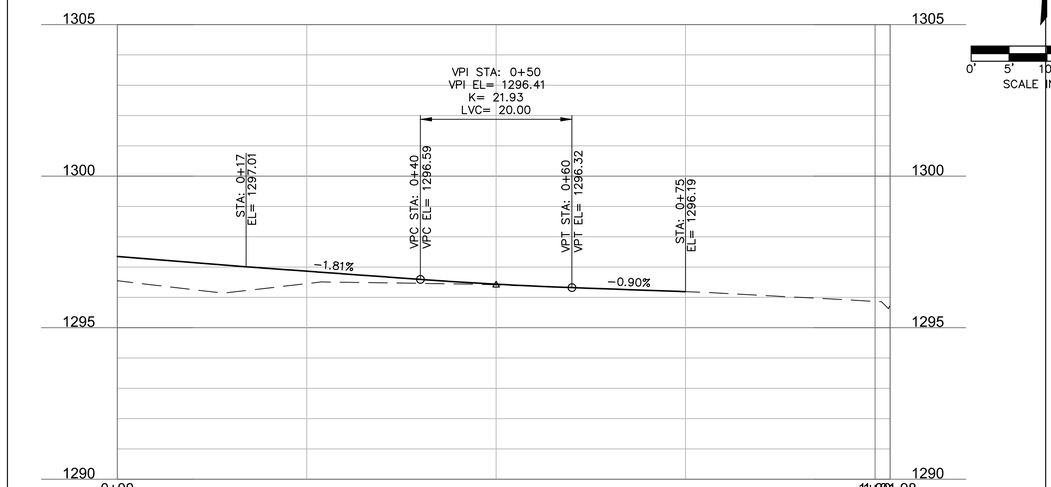
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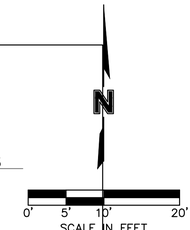
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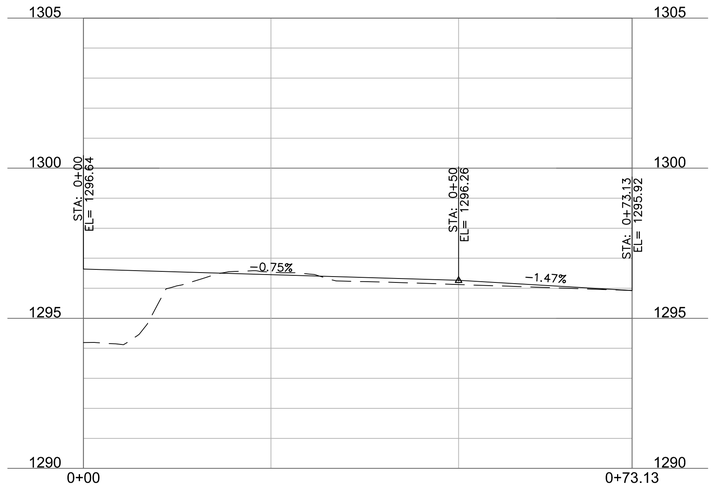


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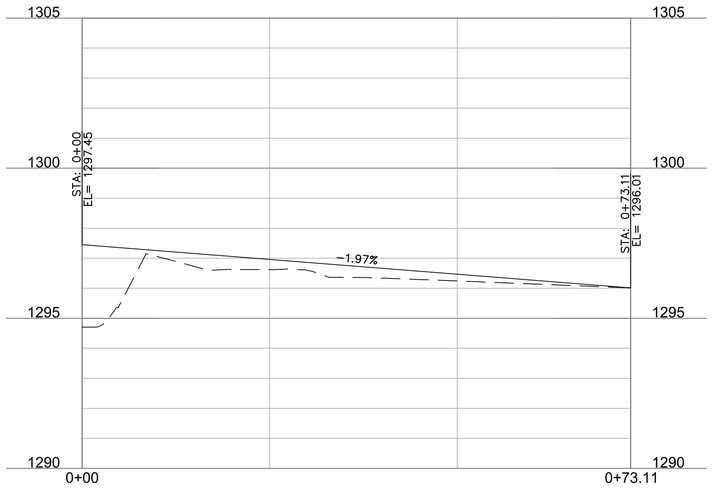


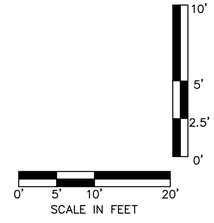


JORDAN LANE - CURB RETURN WEST (0+00 - 0+73.13)



JORDAN LANE - CURB RETURN EAST (0+00 - 0+73.11)





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SIDE STREET LAYOUT

E. BATTLEFIELD BOULEVARD IMPROVEMENTS

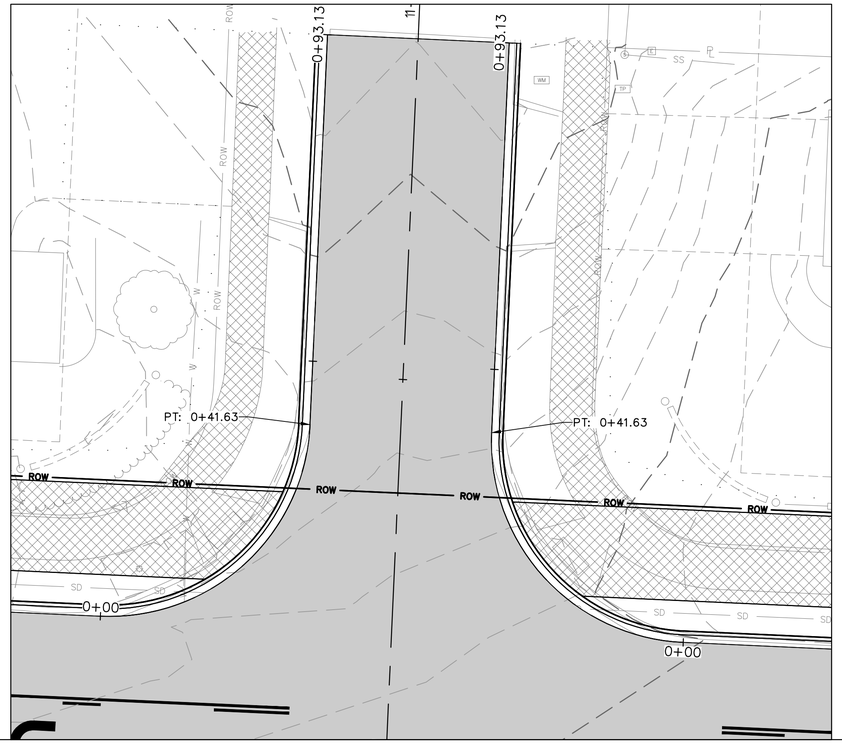
BENTONVILLE, AR

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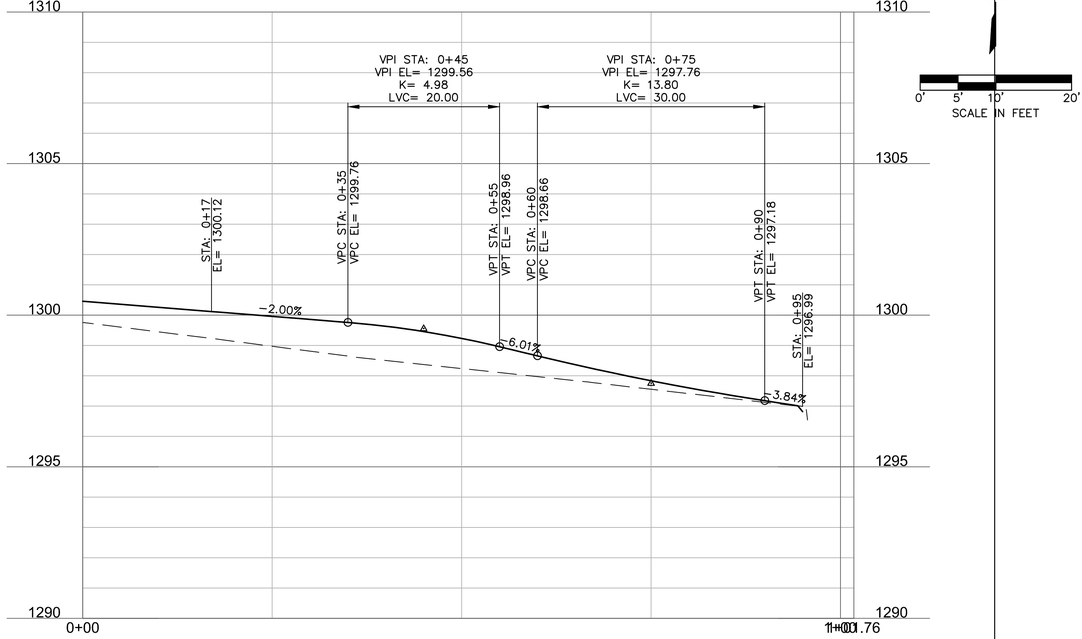
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SHEET
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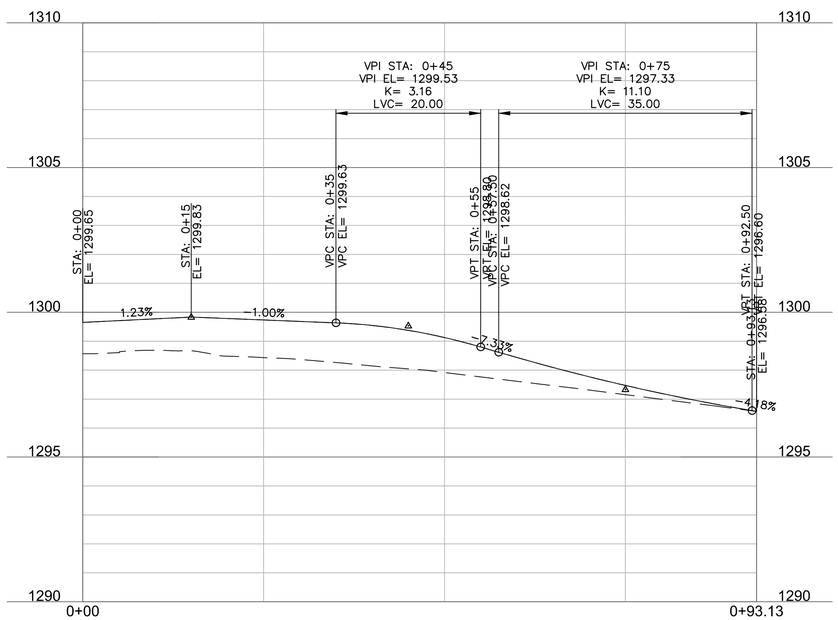
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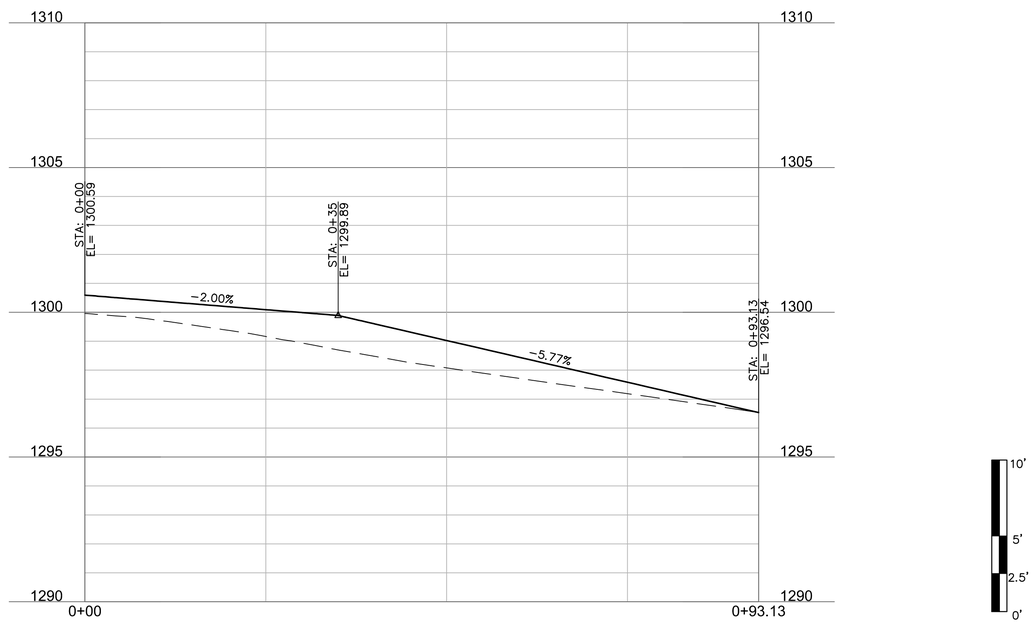
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CHICKORY LANE - CURB RETURN WEST (0+00 - 0+93.13)



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



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SIDE STREET LAYOUT

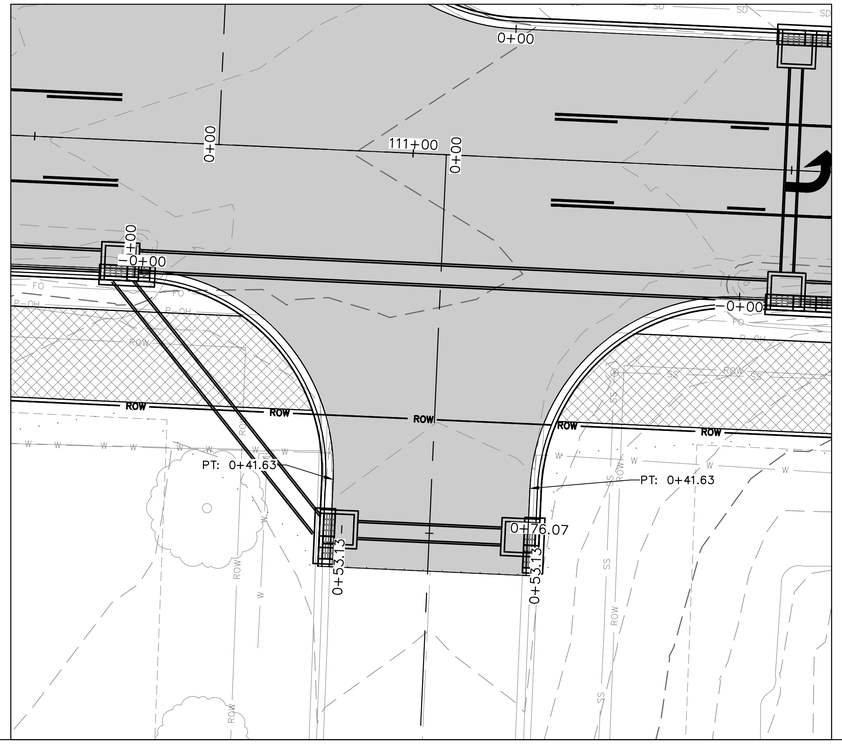
E. BATTLEFIELD BOULEVARD IMPROVEMENTS

BENTONVILLE, AR

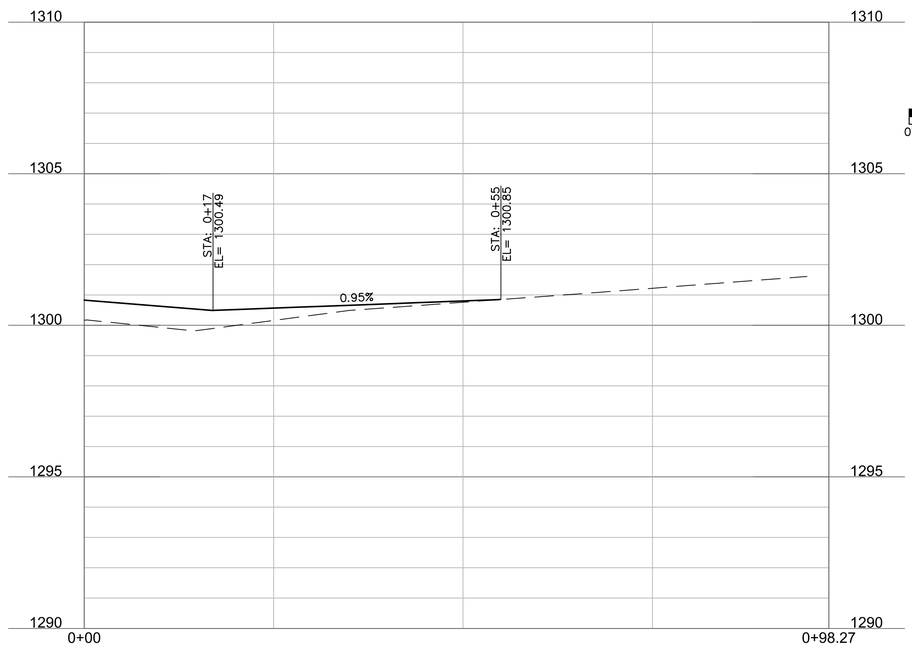
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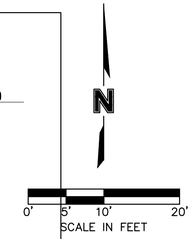
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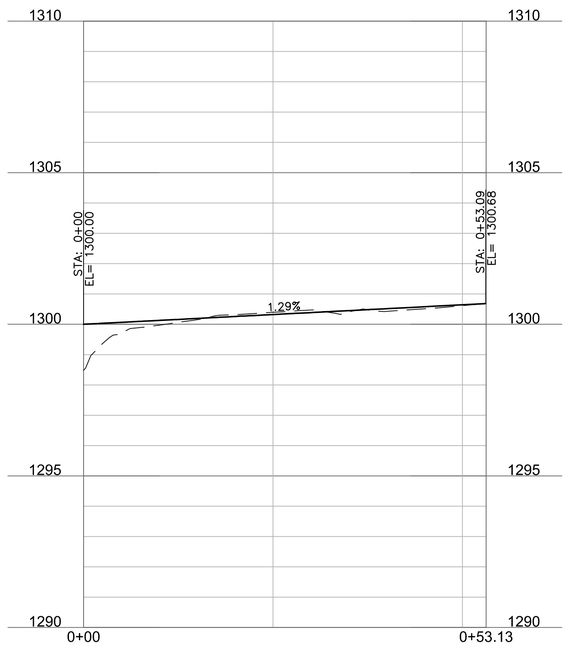


PLEASANT VIEW LANE (0+00 - 0+98.27)

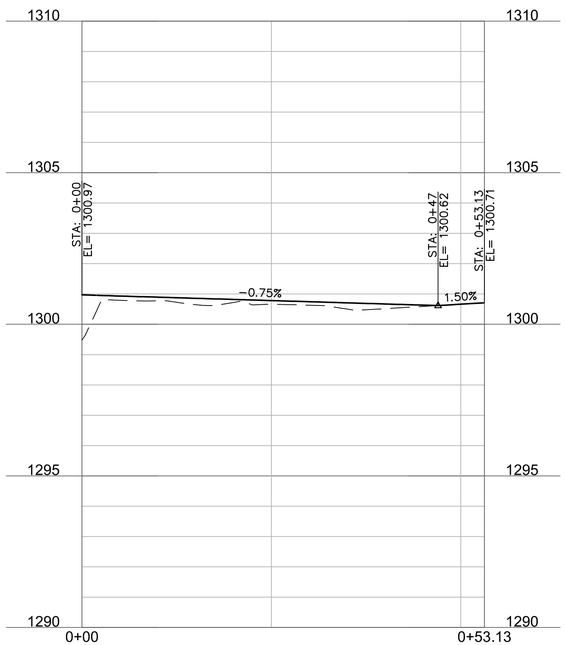


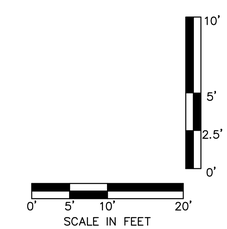


PLEASANT VIEW LN - CURB RETURN WEST (0+00 - 0+53.13)



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





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REV. NO.	DATE	REVISIONS DESCRIPTION	BY

SIDE STREET LAYOUT

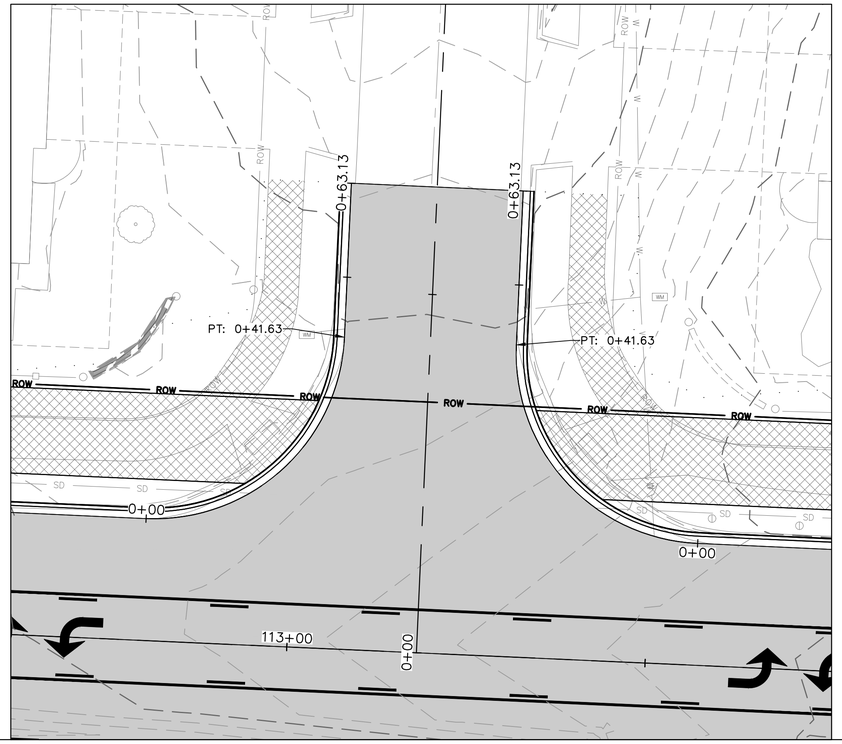
E. BATTLEFIELD BOULEVARD IMPROVEMENTS

BENTONVILLE, AR

2022

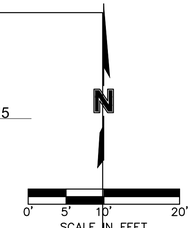
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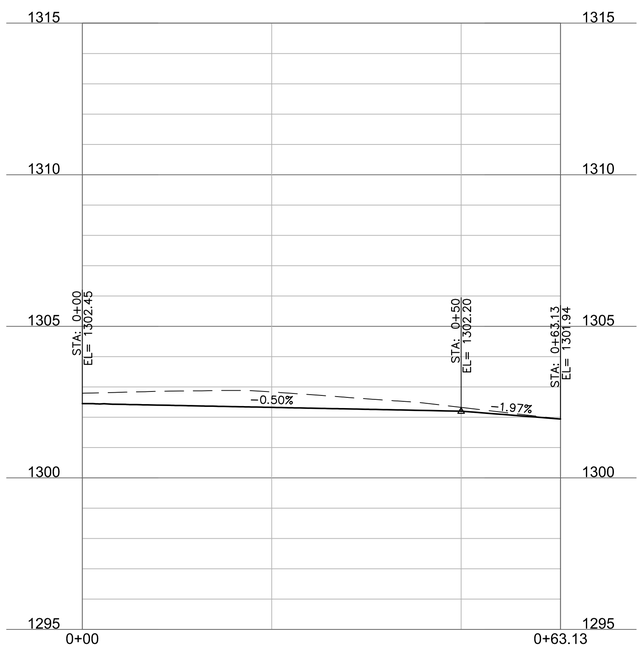


NE LARKSPUR LANE (0+00 - 1+01.51)

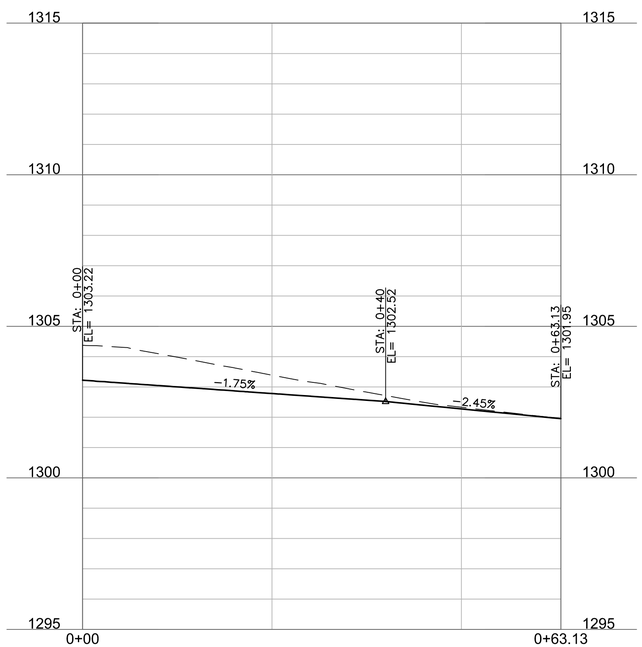


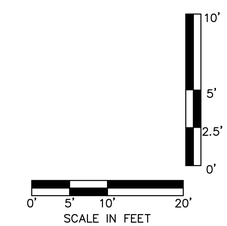


LARKSPUR LANE - CURB RETURN WEST (0+00 - 0+63.13)



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





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SIDE STREET LAYOUT

E. BATTLEFIELD BOULEVARD IMPROVEMENTS

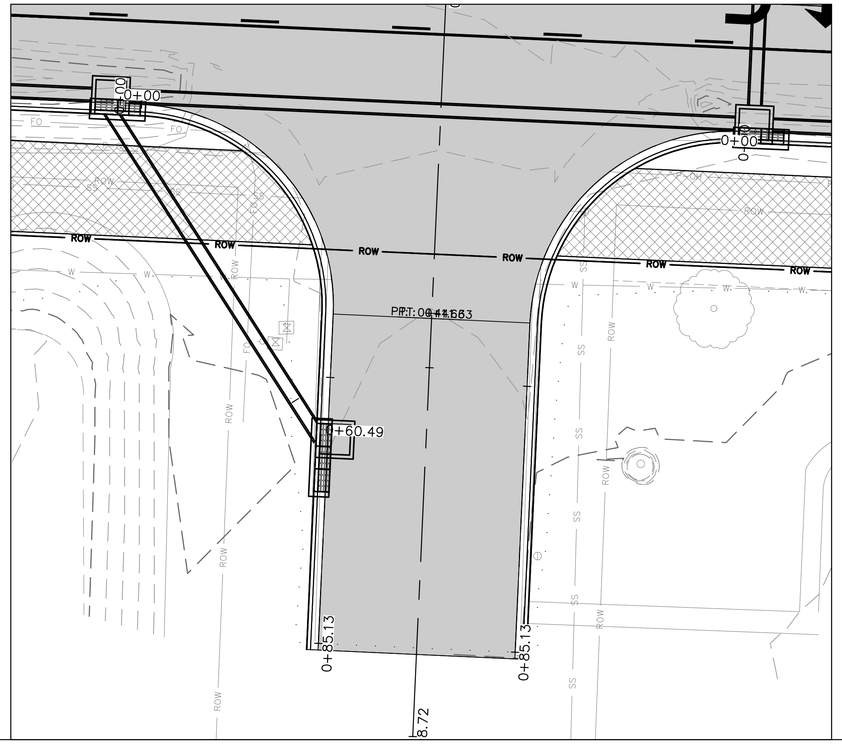
BENTONVILLE, AR

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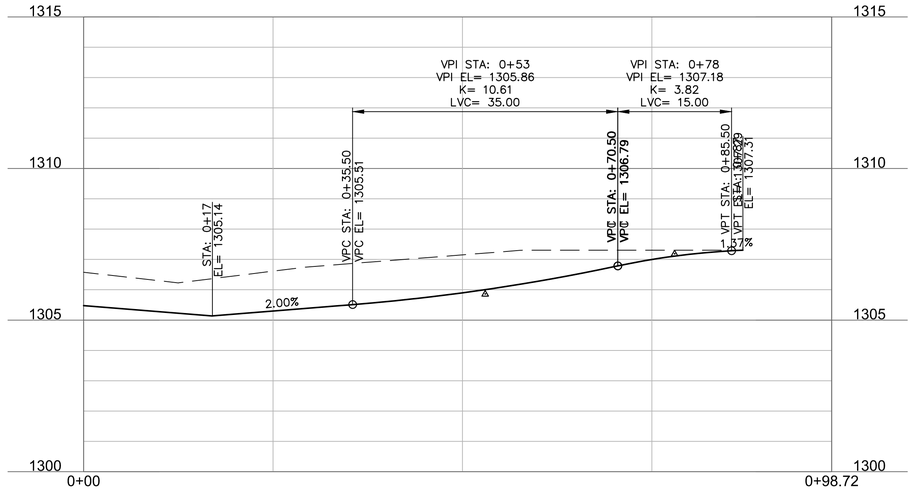
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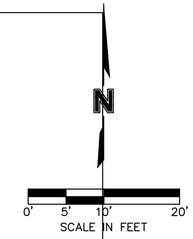
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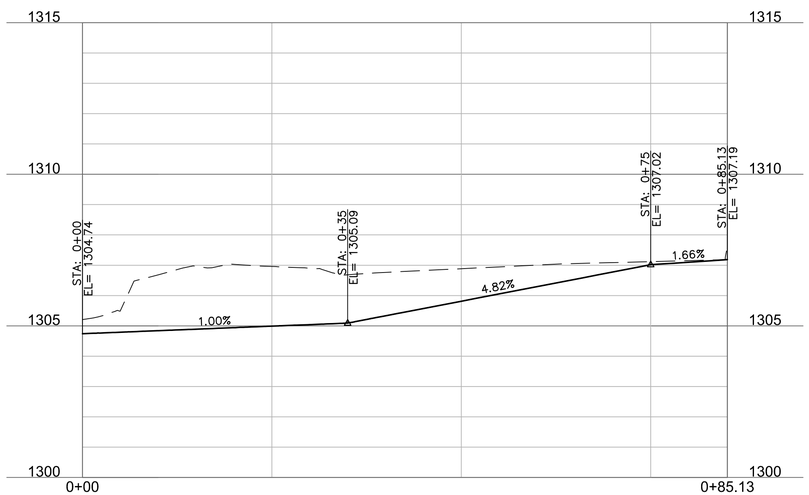


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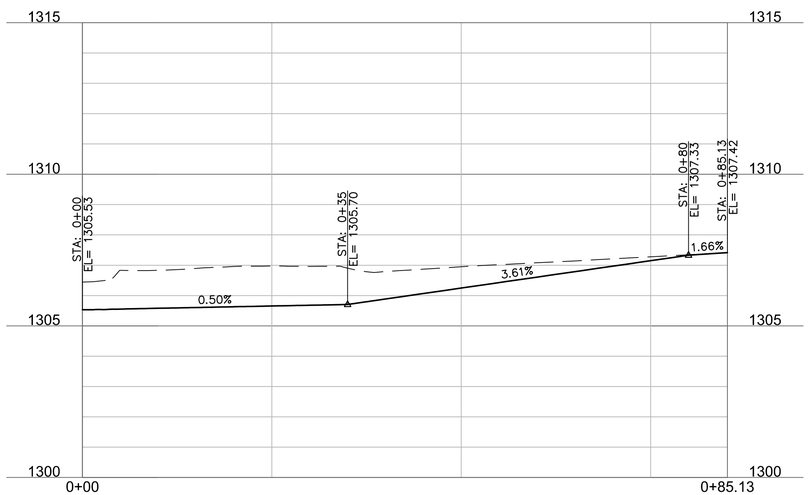


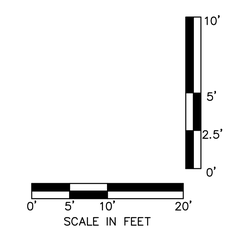


LYNDAL LN - CURB RETURN WEST (0+00 - 0+85.13)



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SIDE STREET LAYOUT

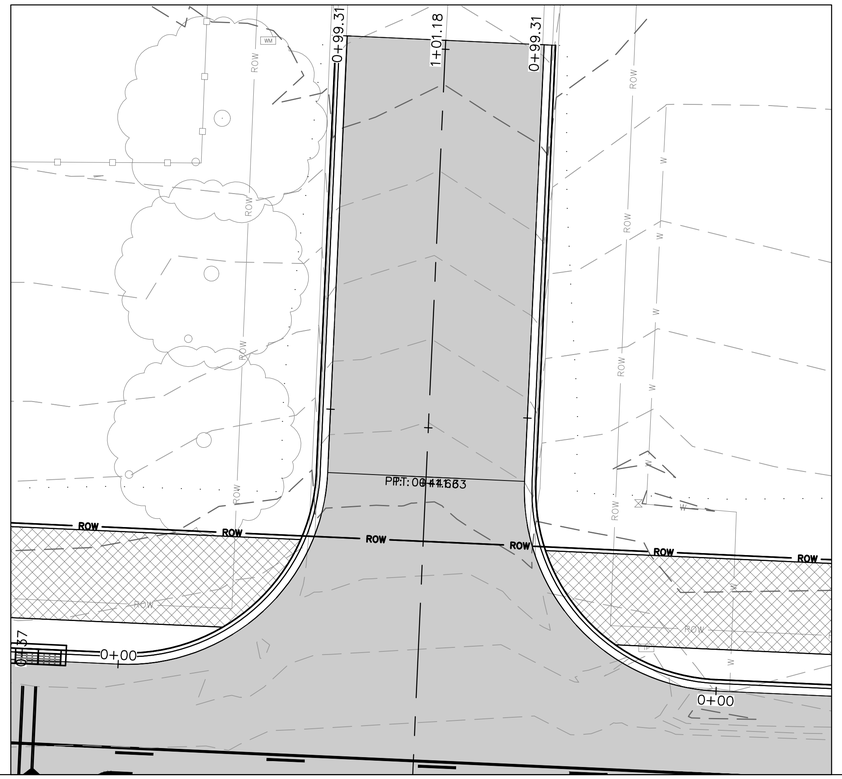
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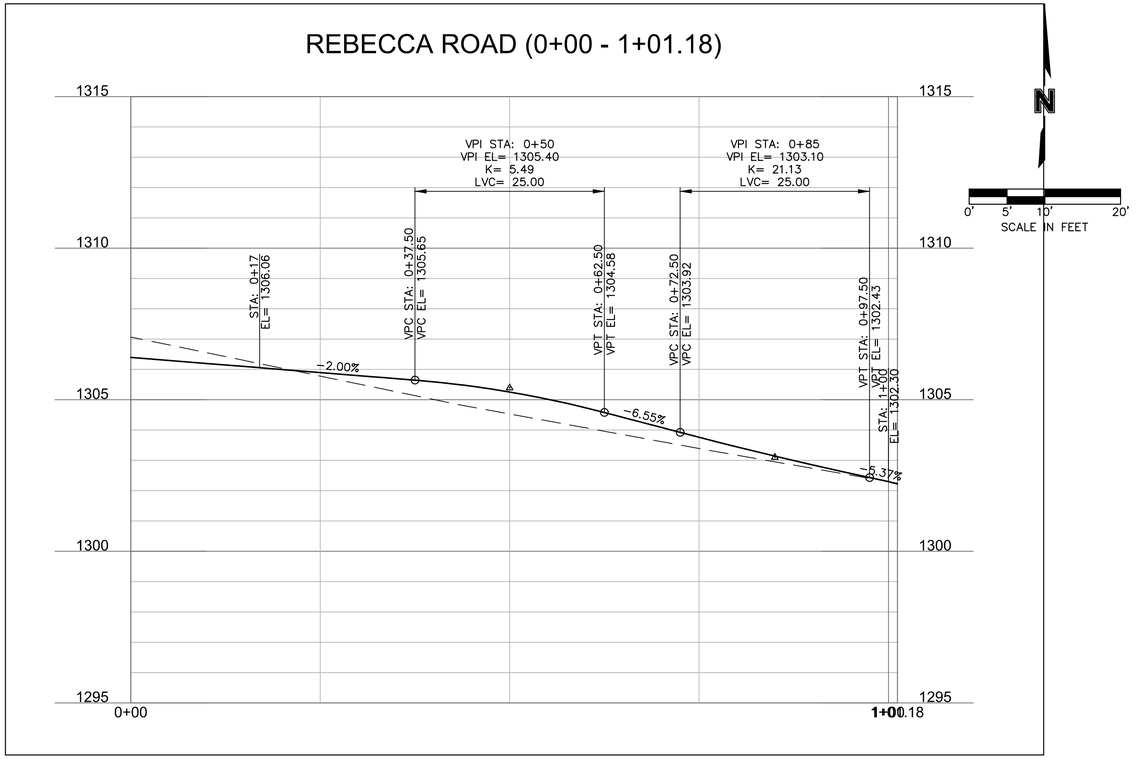
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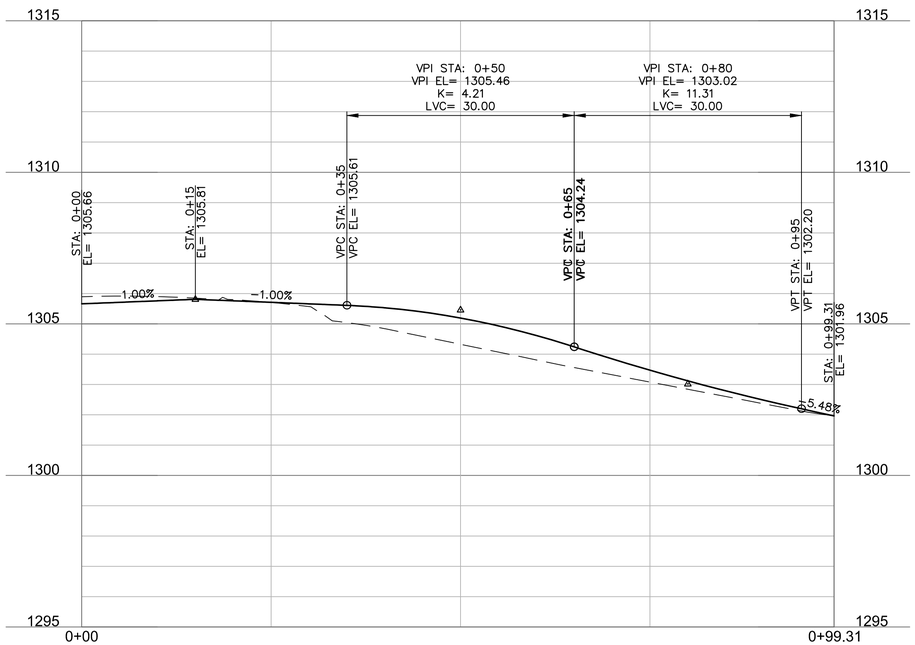
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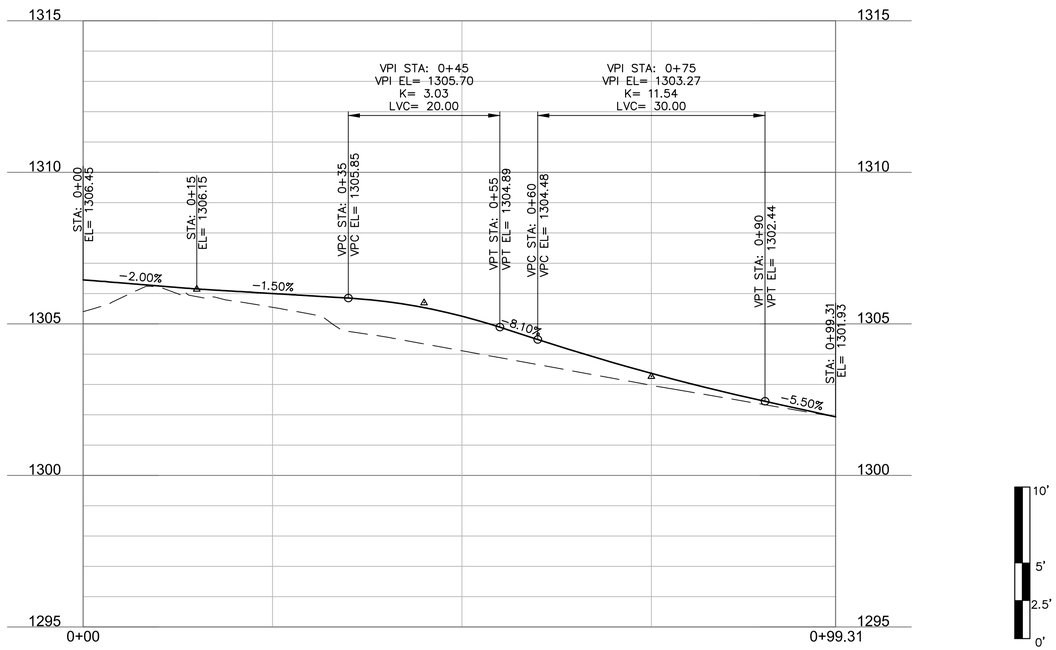
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SIDE STREET LAYOUT

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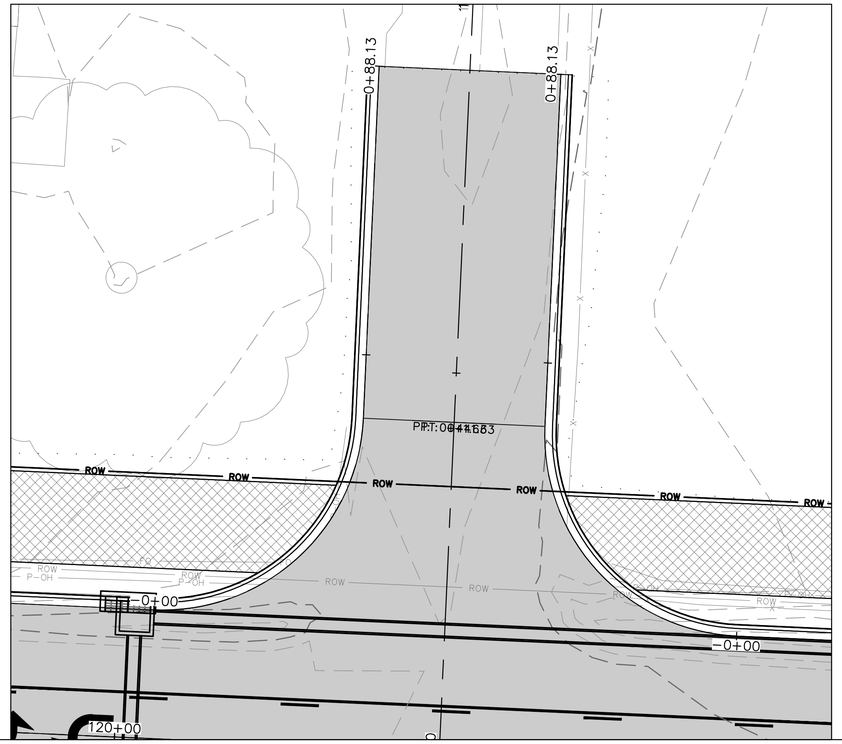
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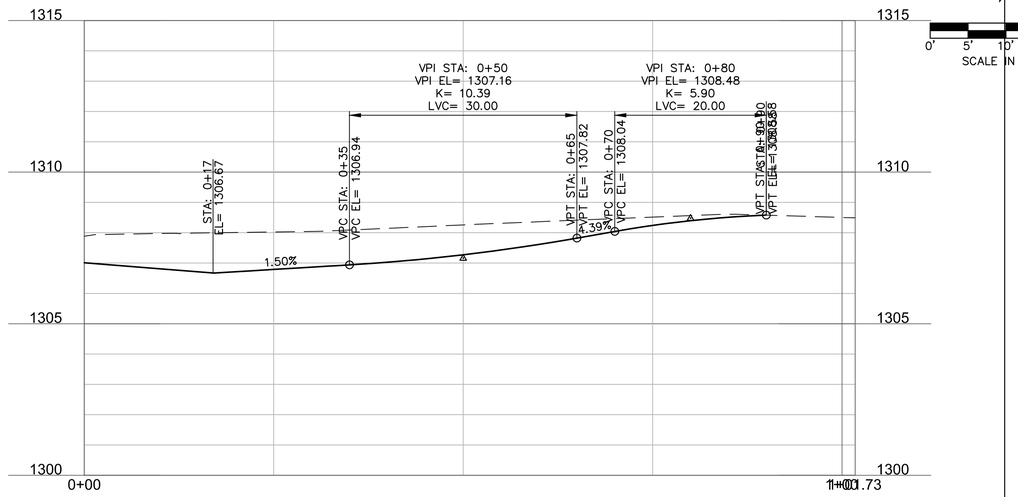
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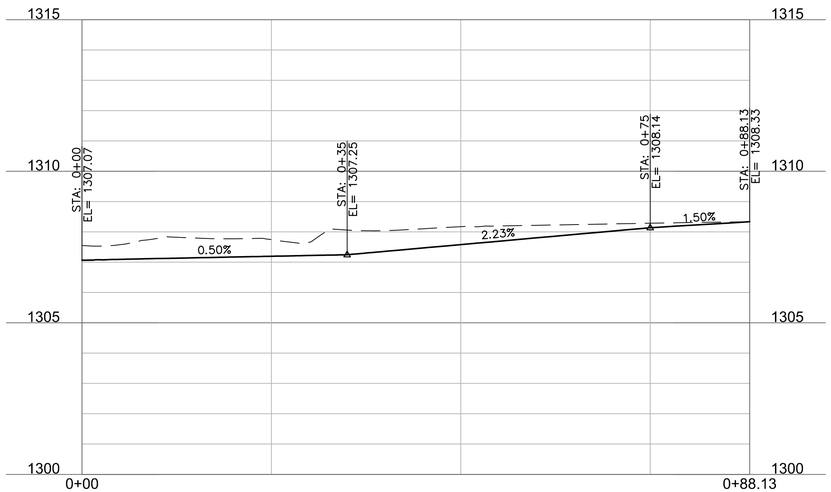


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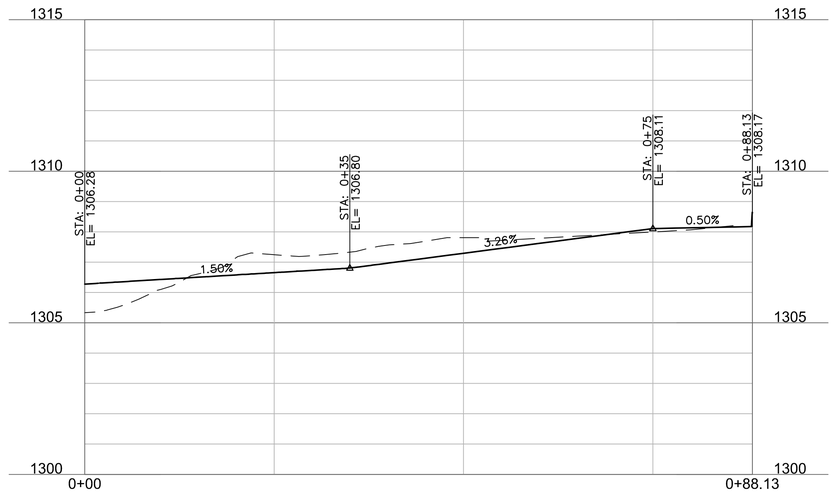


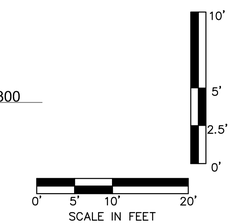


PRAIRIE LN - CURB RETURN WEST (0+00 - 0+88.13)



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SIDE STREET LAYOUT

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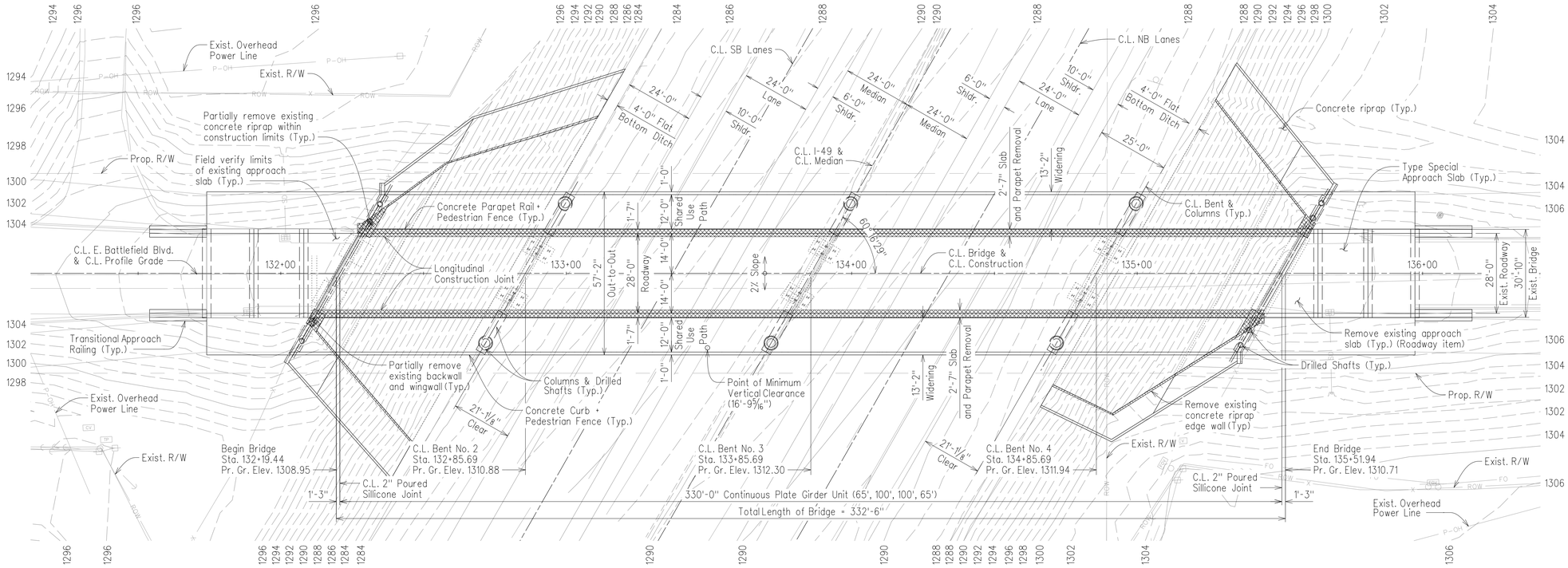
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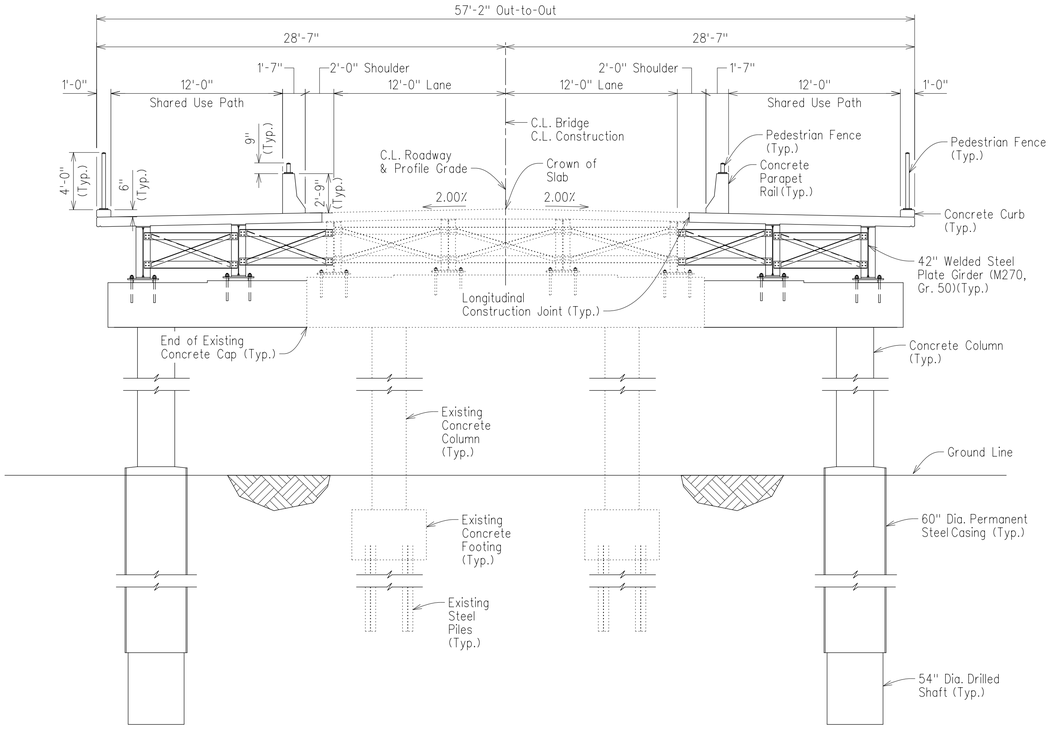
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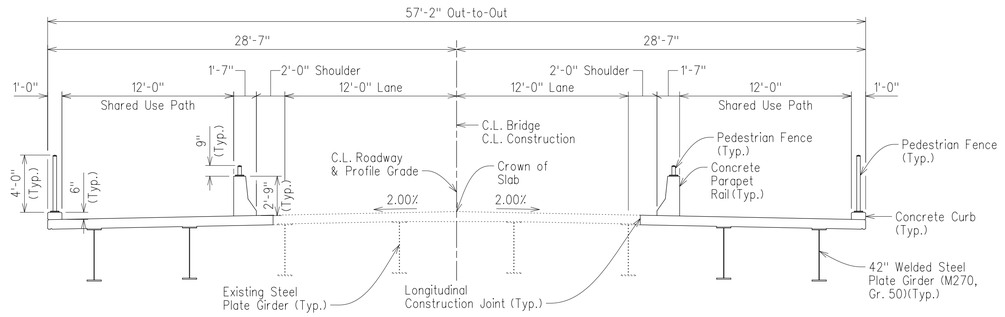
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PLAN



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



E. BATTLEFIELD BLVD. BRIDGE
PROP. TYP. SECTION

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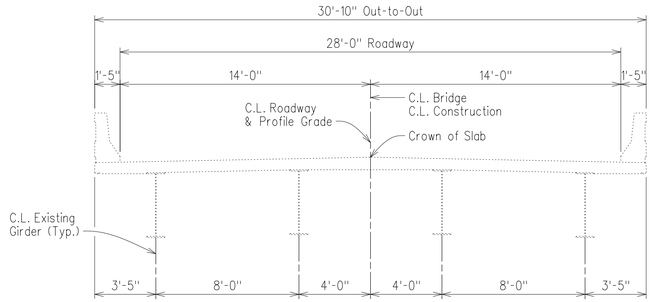
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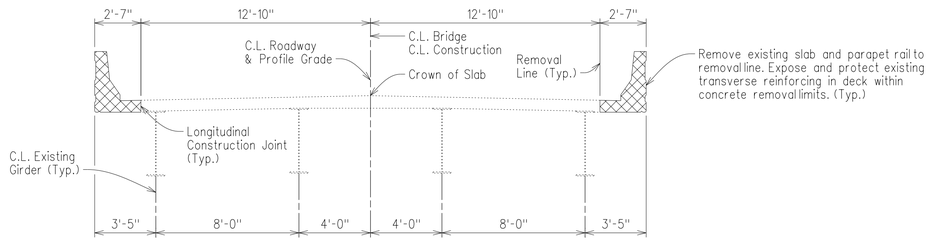
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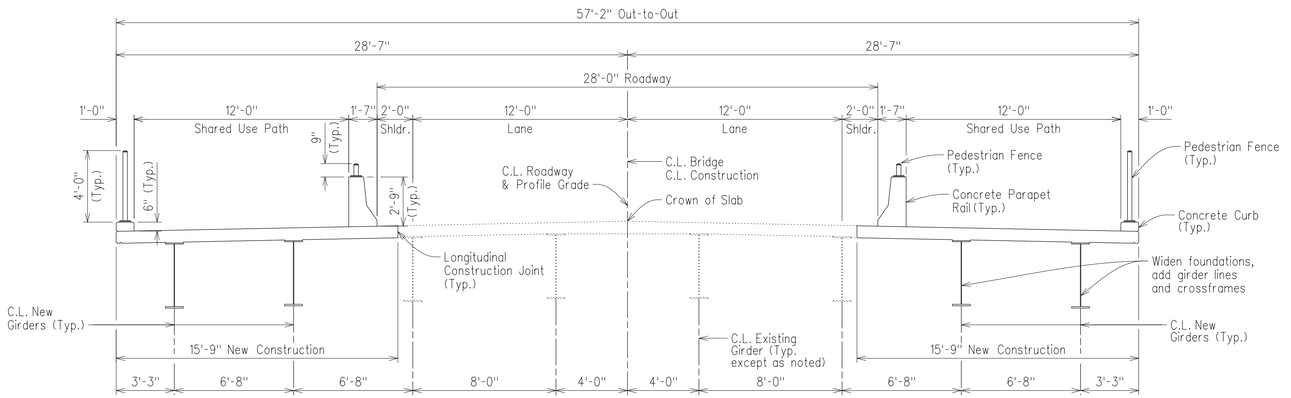
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drawing no.:
date: 12/10/2021



EXISTNG



REMOVALS



FINAL CONDITION

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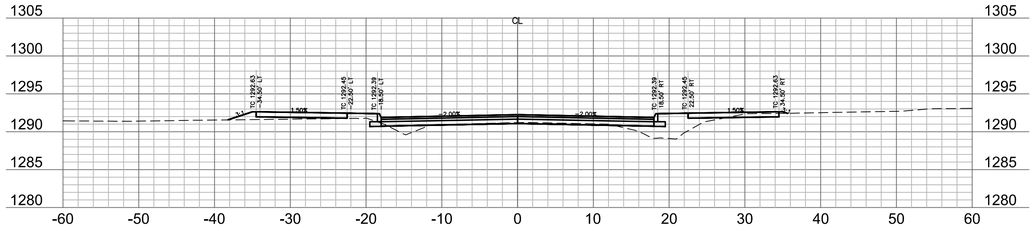
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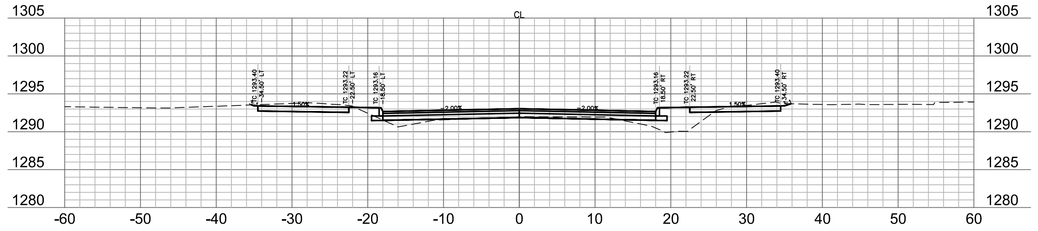
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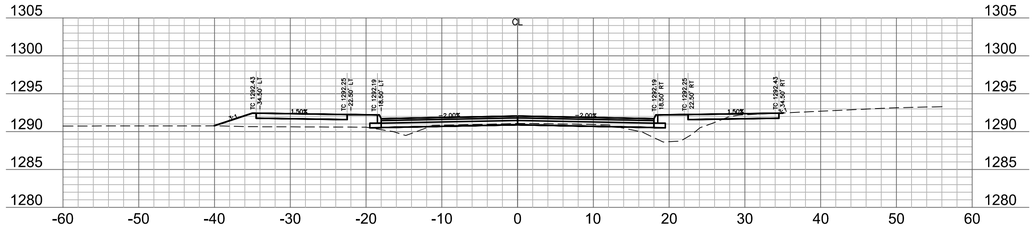
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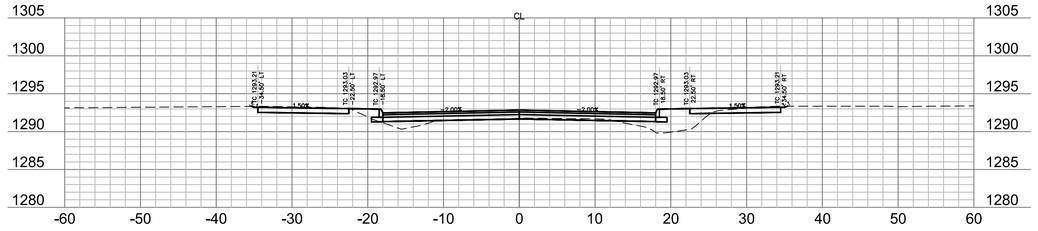
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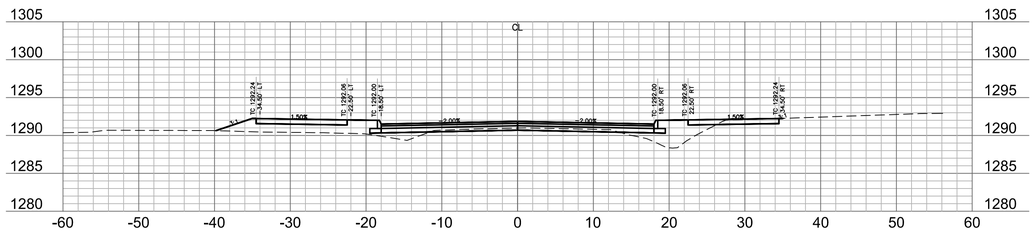
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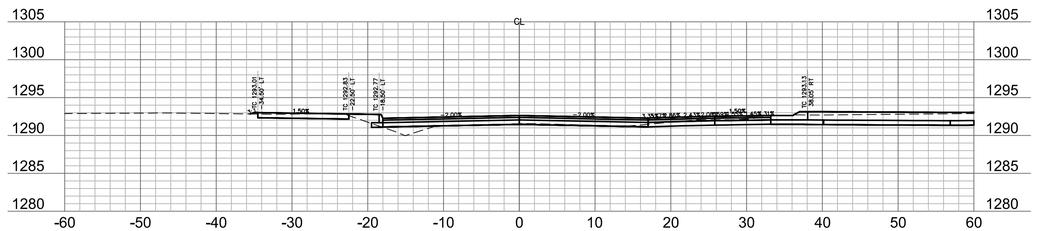
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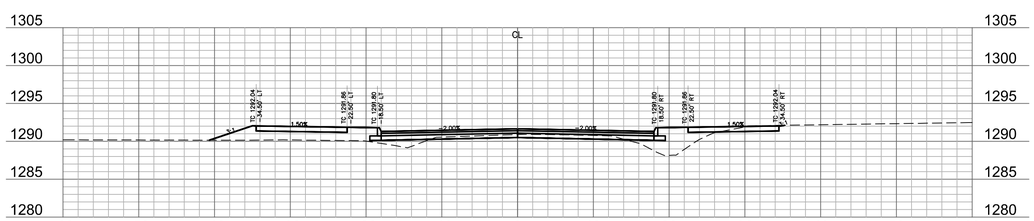
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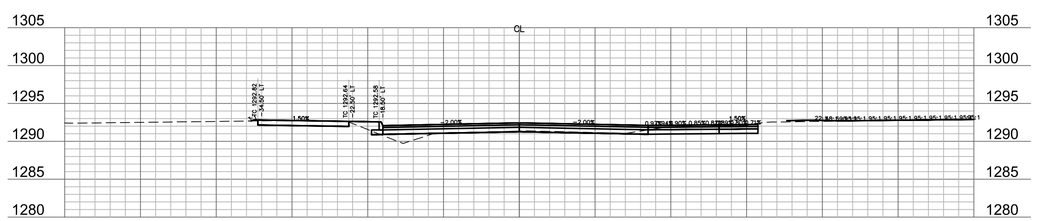
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101+00



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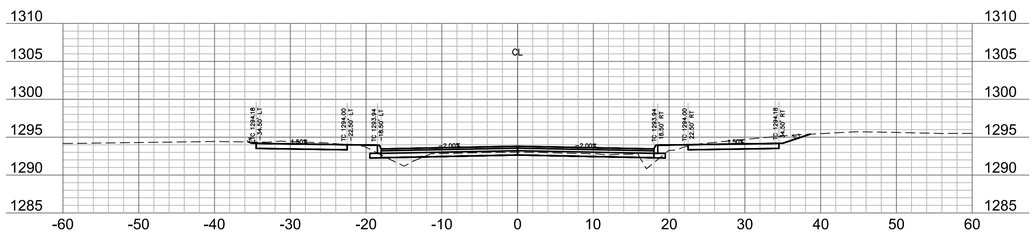
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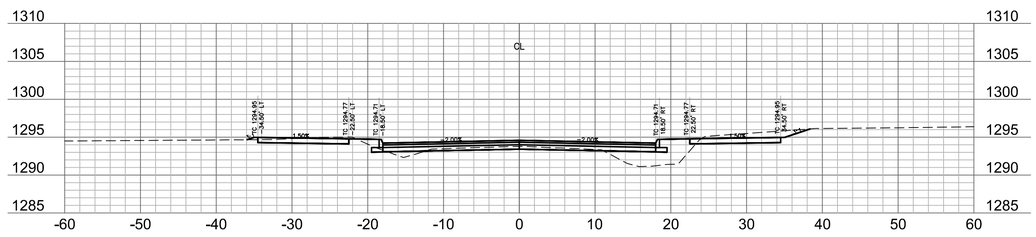
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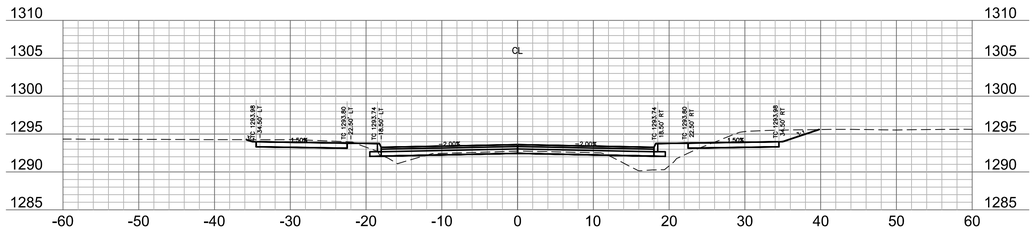
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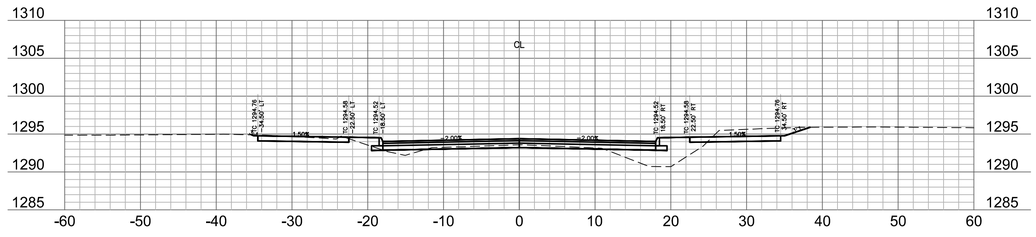
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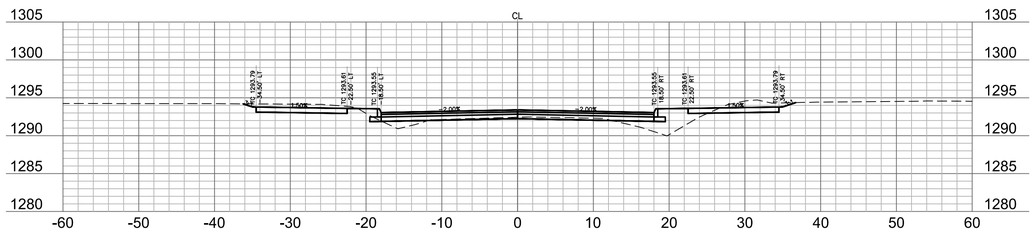
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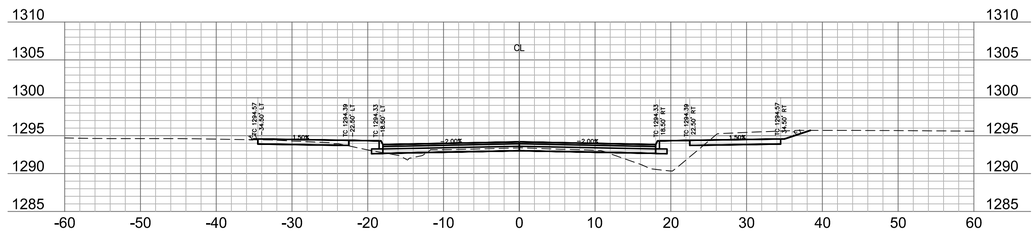
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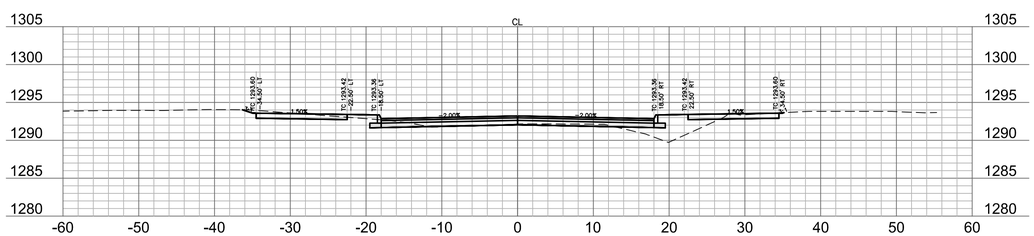
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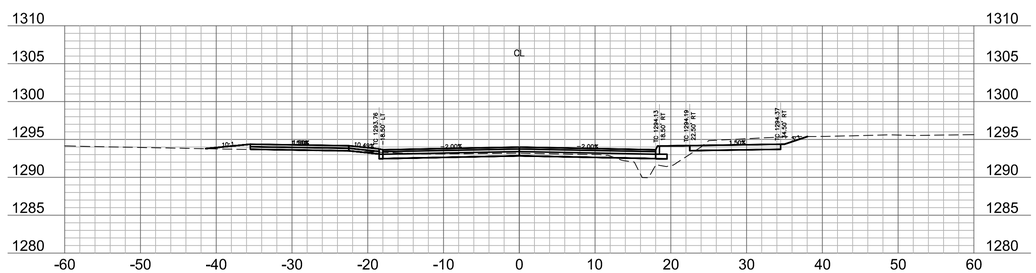
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104+25



103+00



104+00

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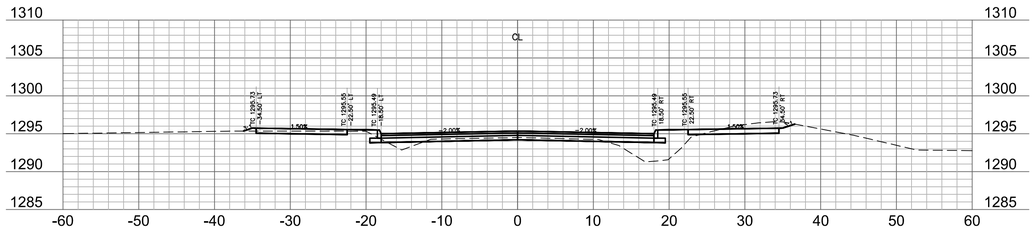
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BENTONVILLE, AR

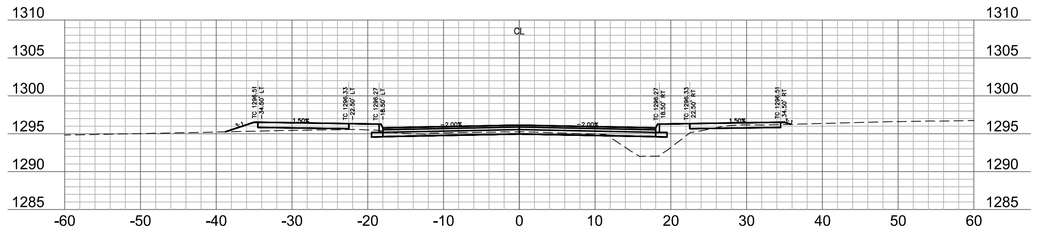
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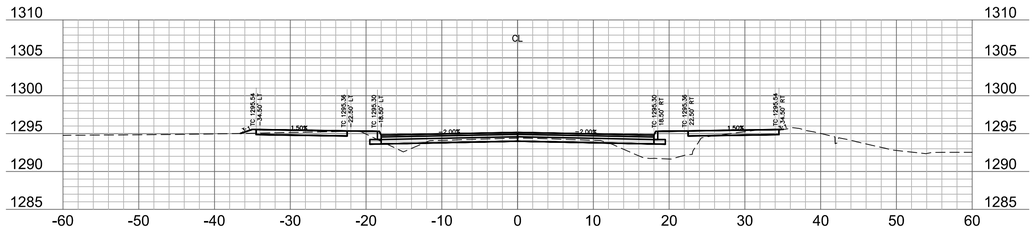
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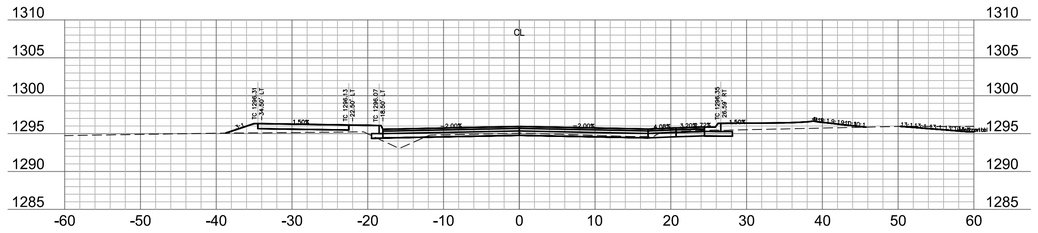
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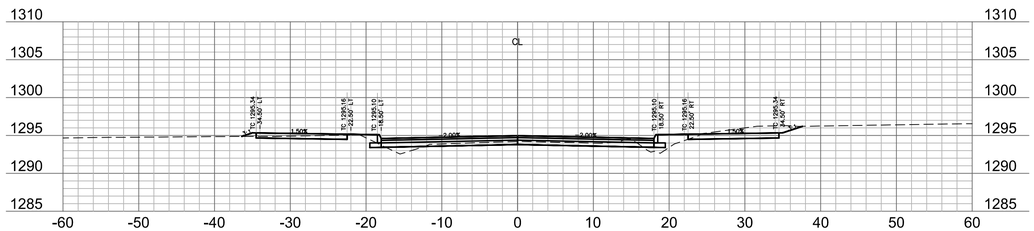
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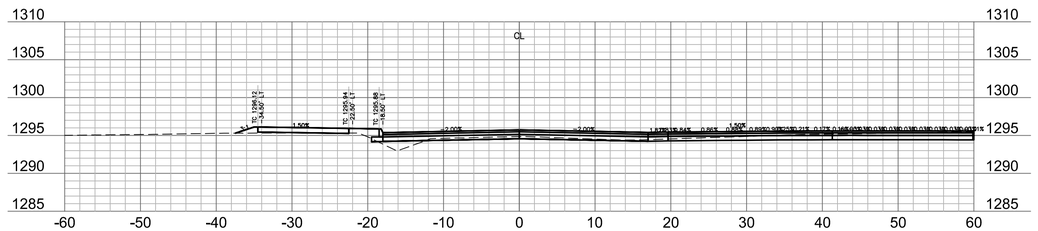
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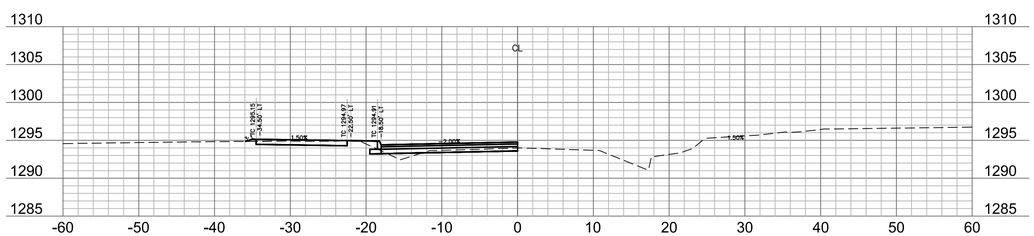
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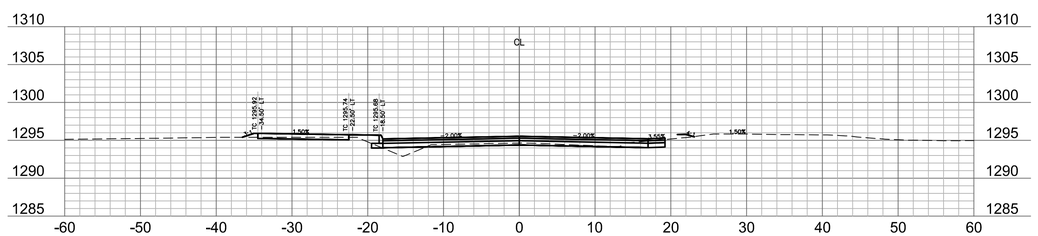
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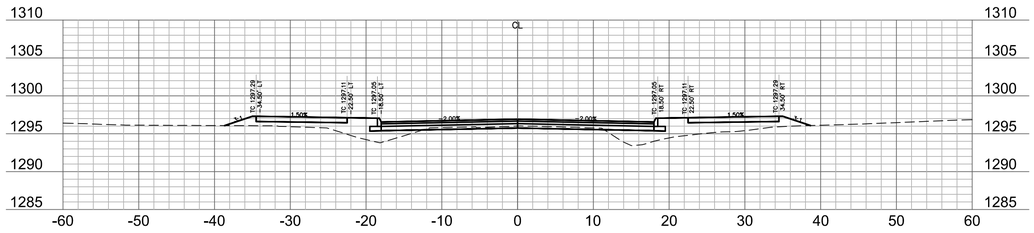
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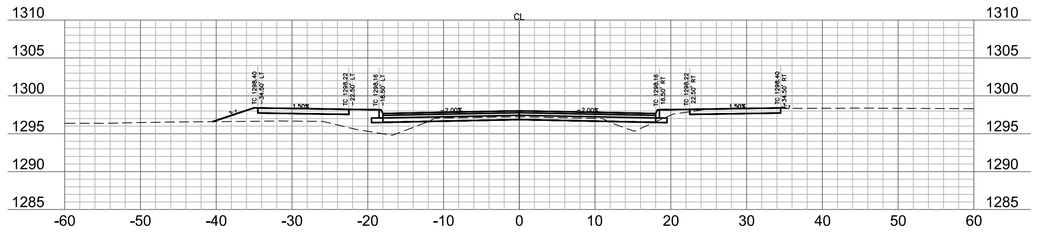
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date: 06/15/2022

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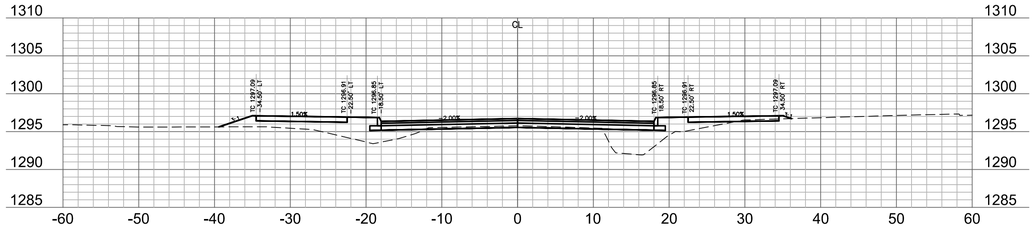
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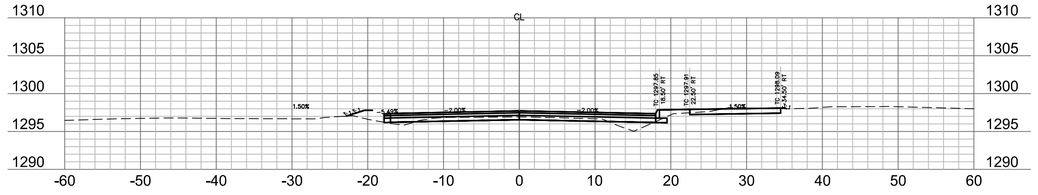
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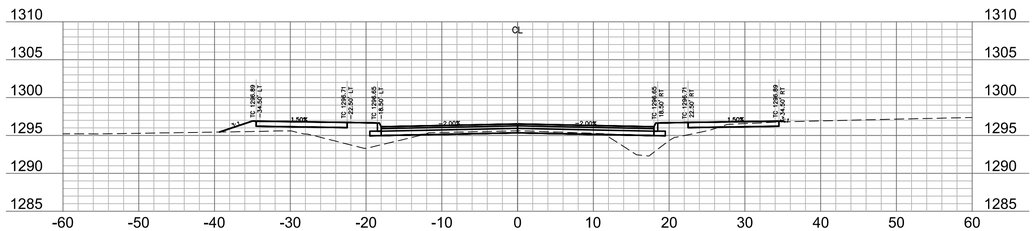
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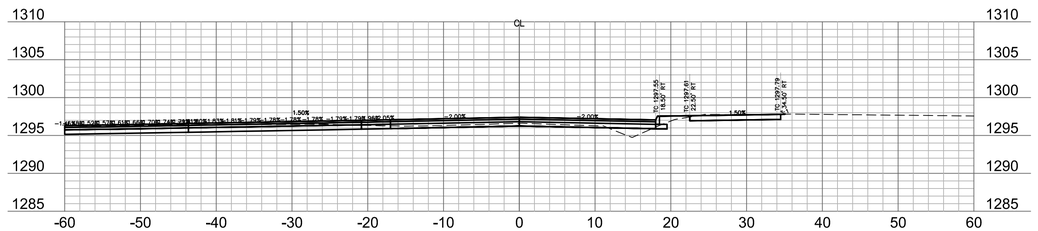
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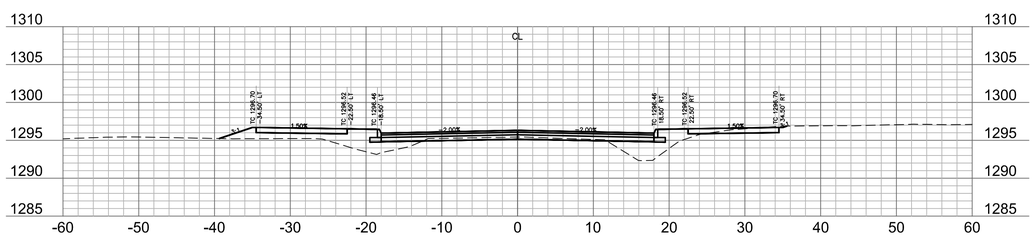
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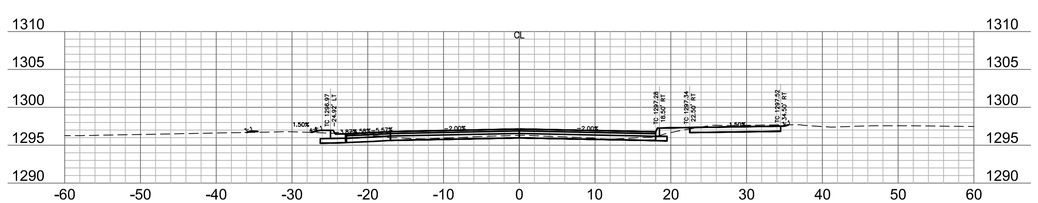
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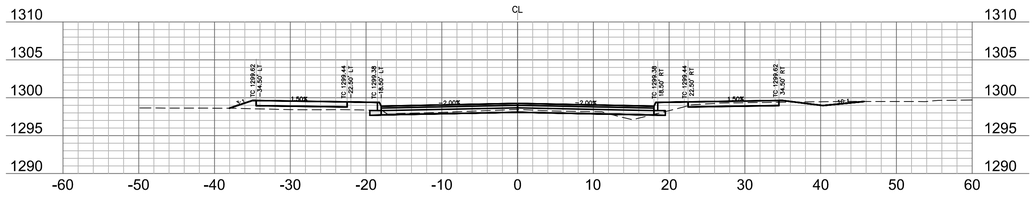
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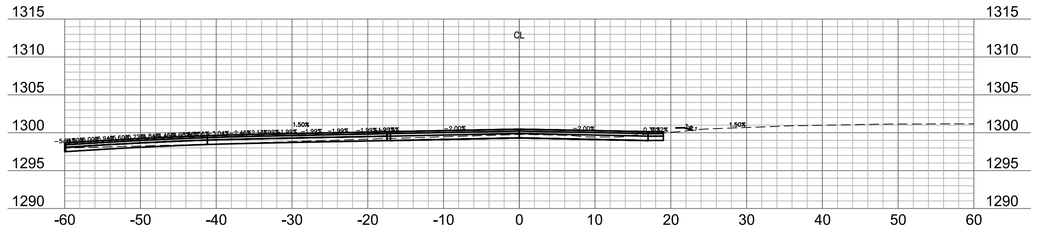
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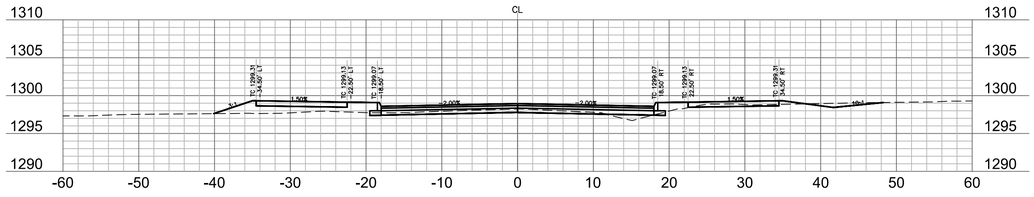
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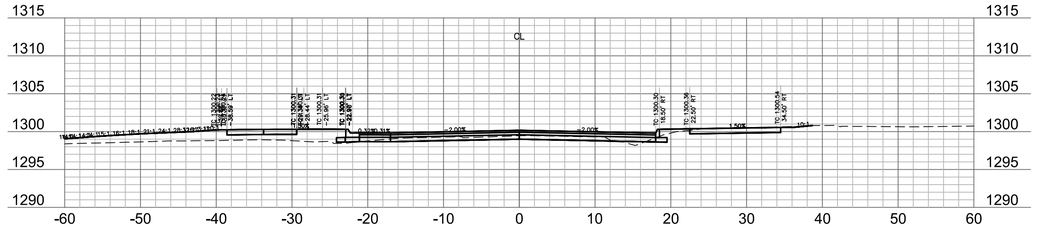
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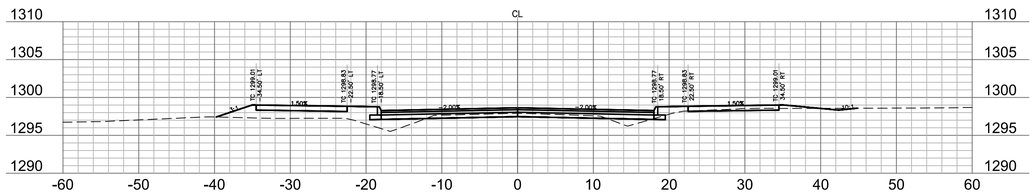
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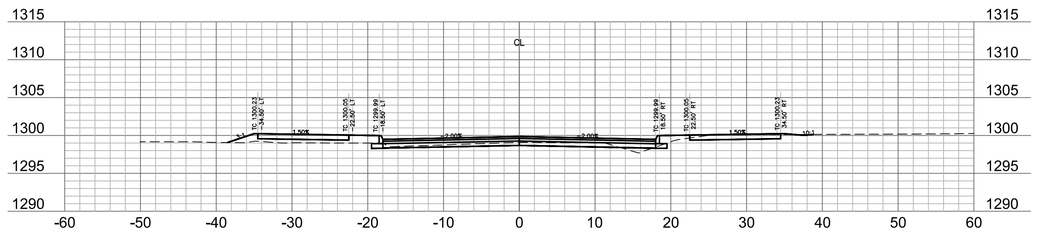
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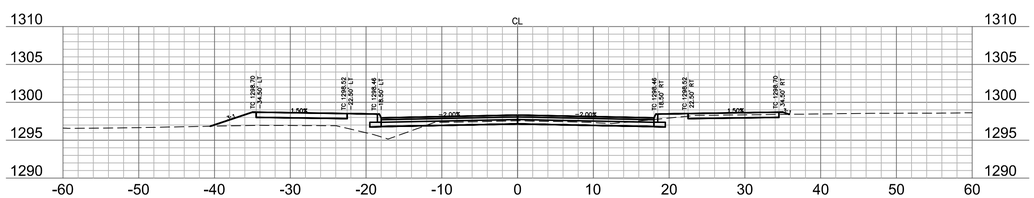
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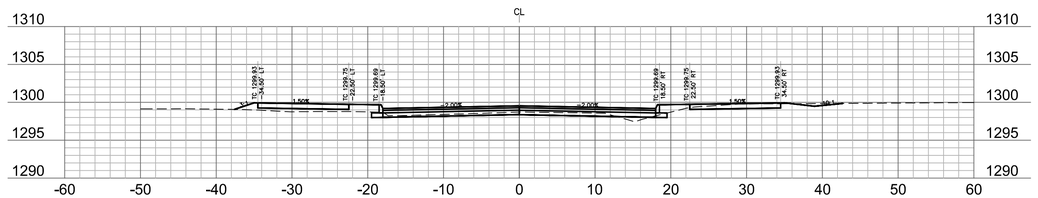
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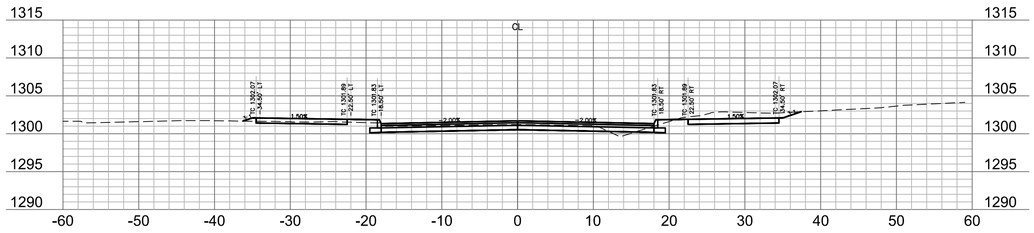
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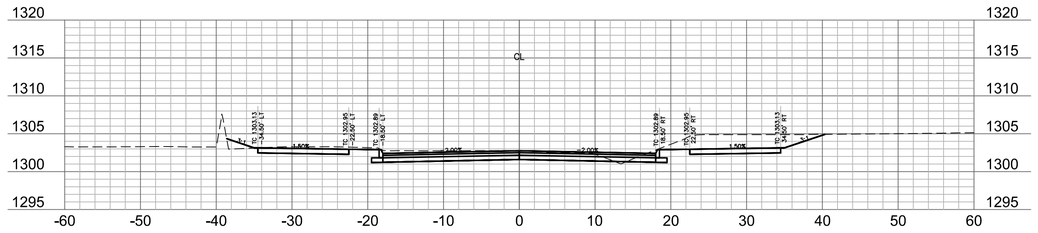
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date: 06/15/2022

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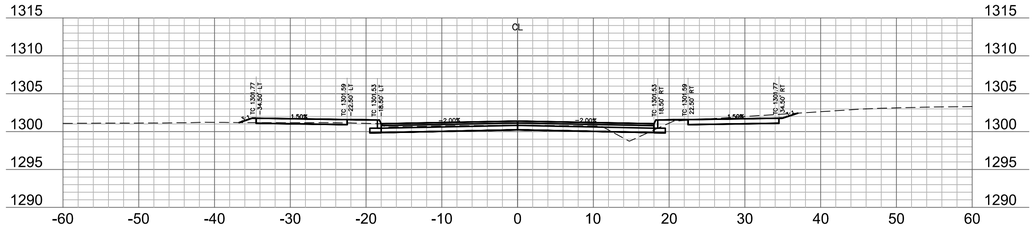
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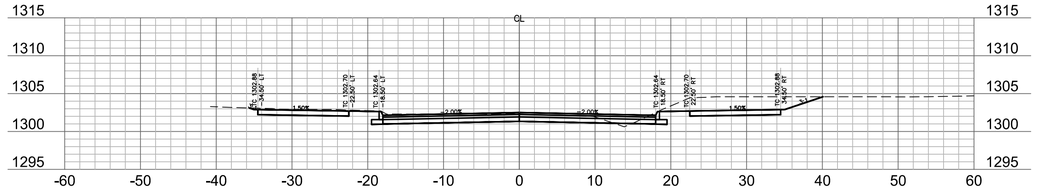
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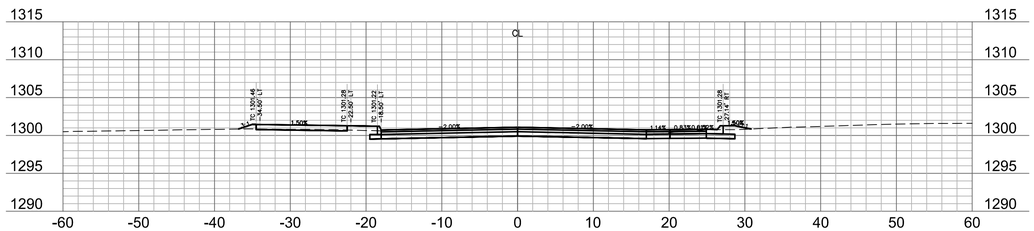
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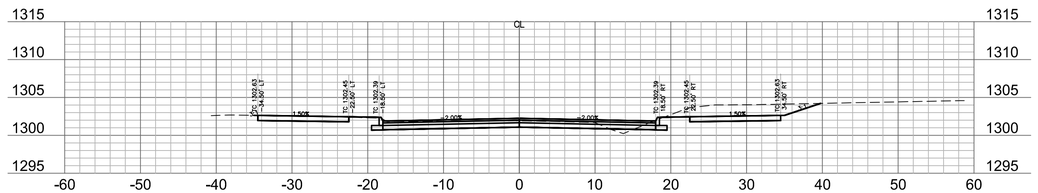
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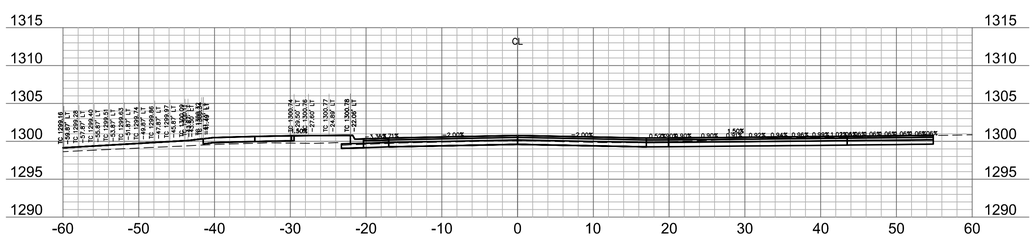
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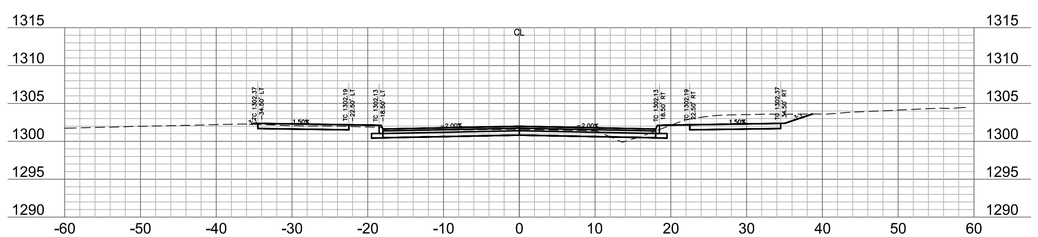
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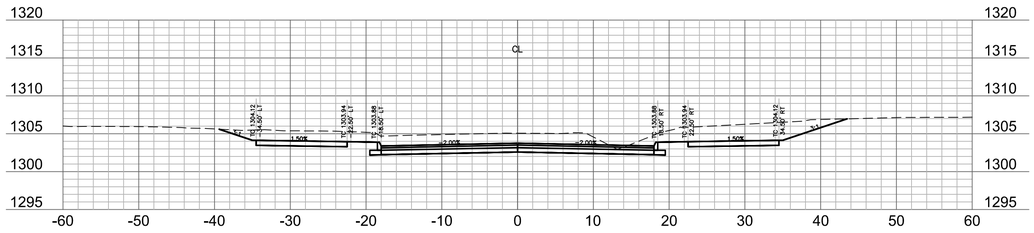
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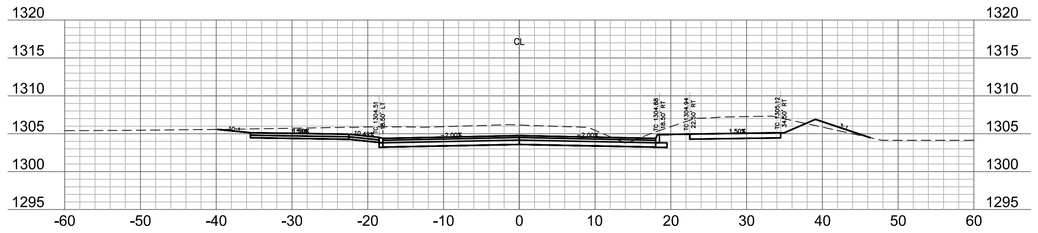
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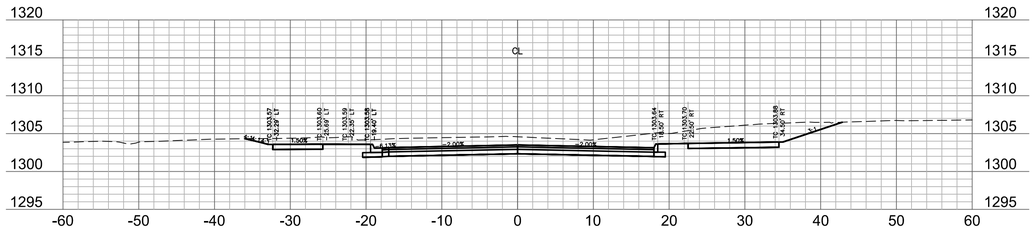
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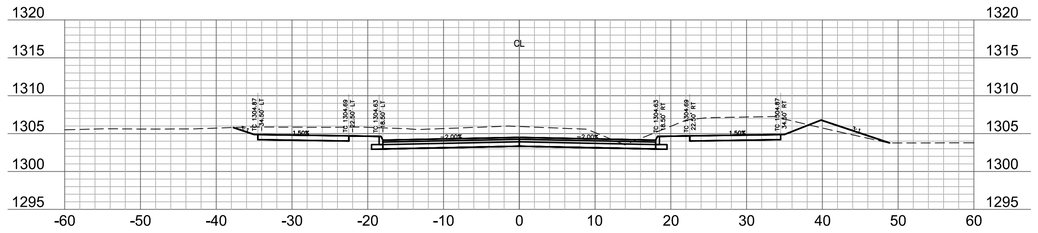
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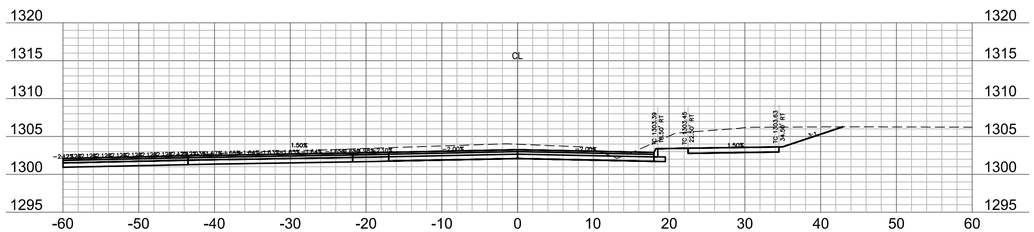
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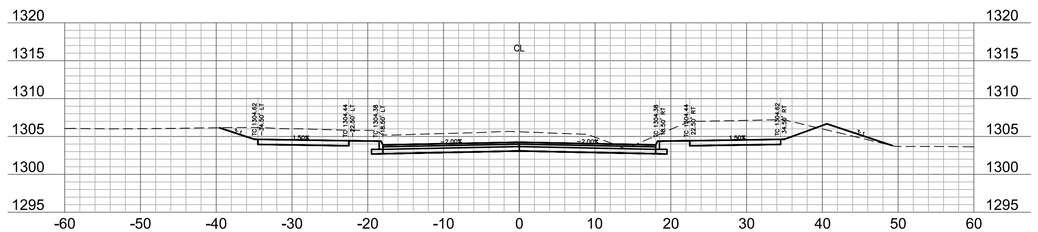
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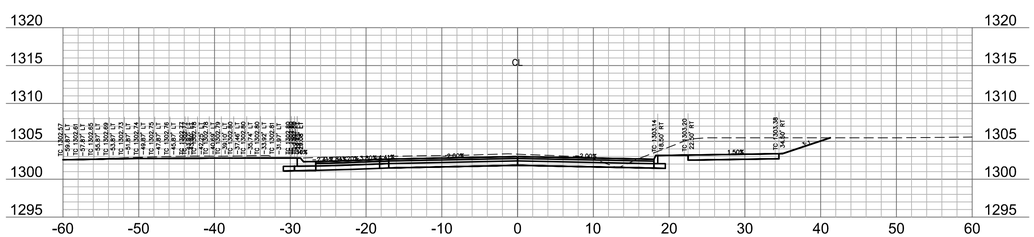
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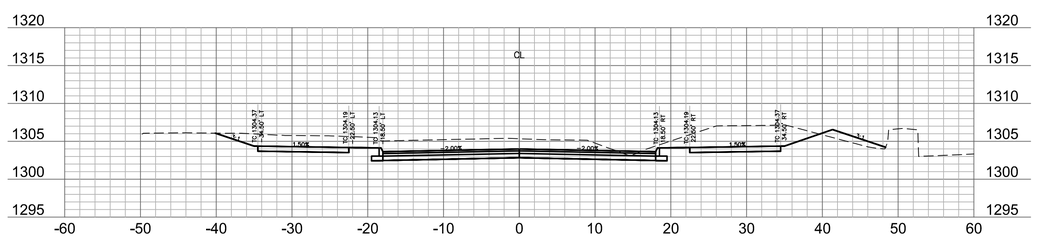
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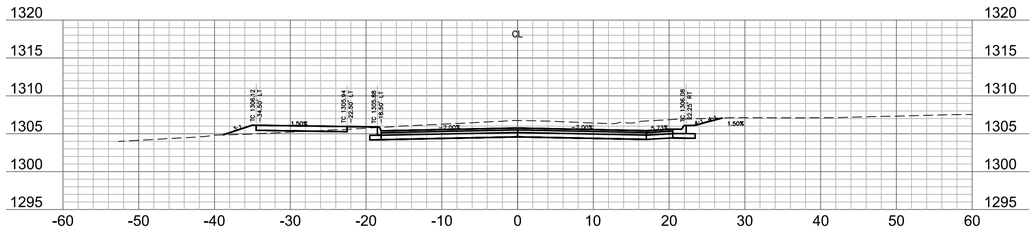
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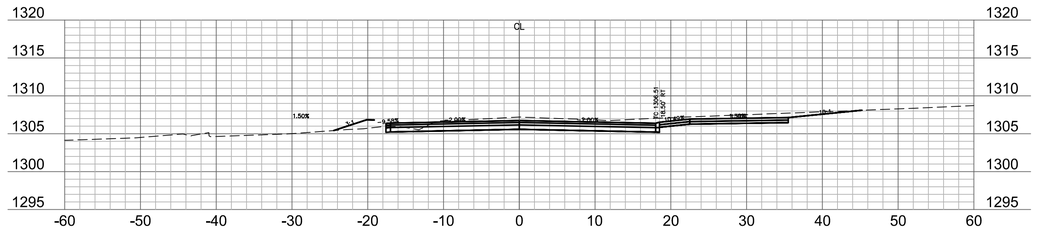
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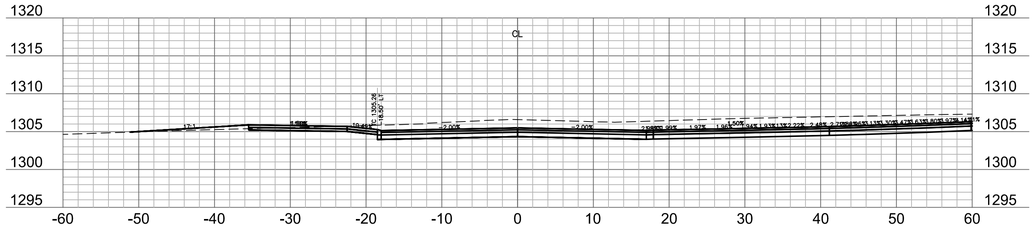
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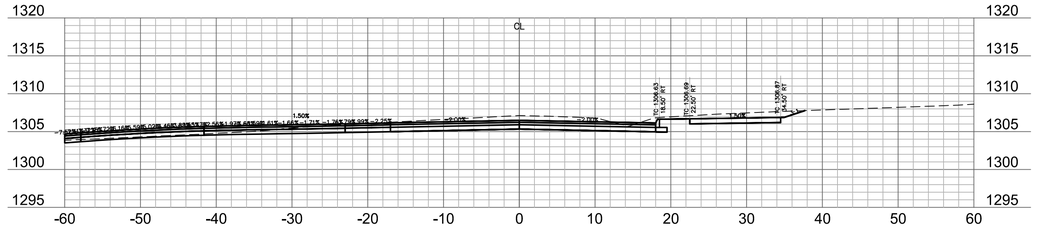
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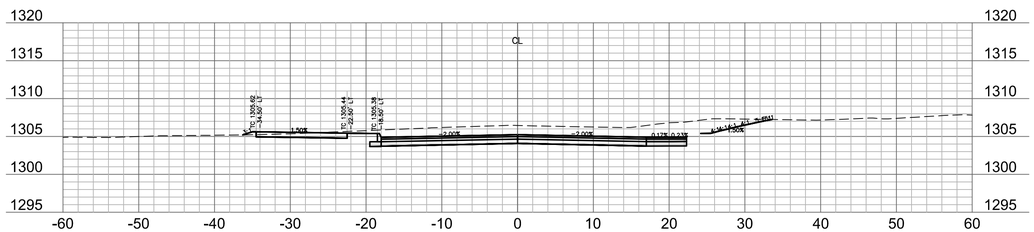
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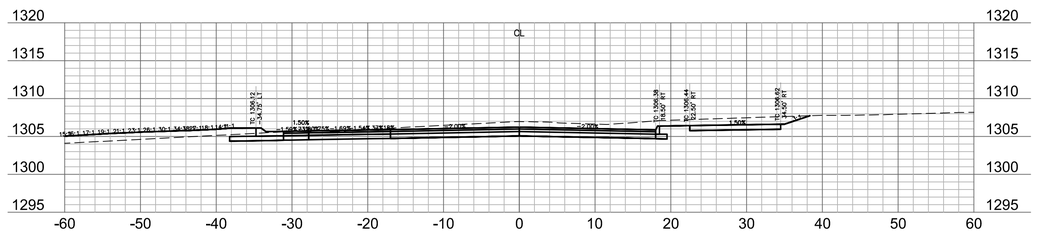
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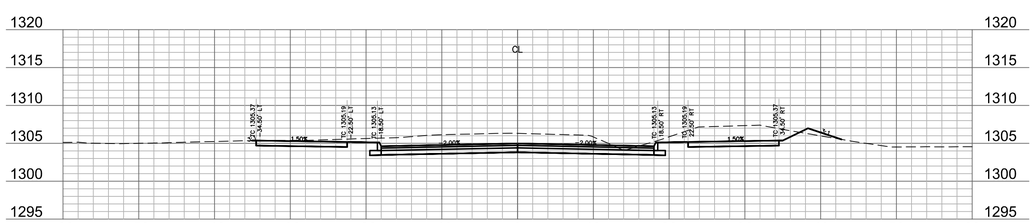
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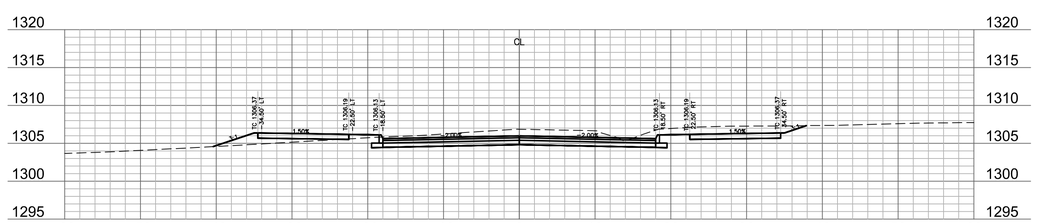
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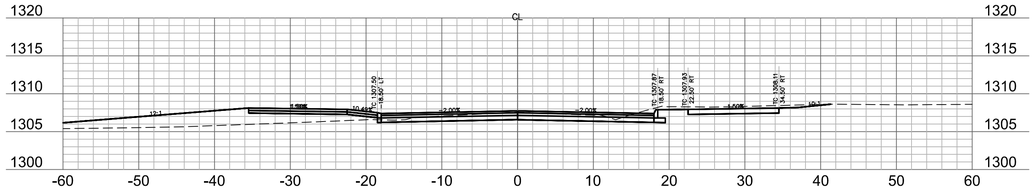
E. BATTLEFIELD BOULEVARD IMPROVEMENTS

BENTONVILLE, AR

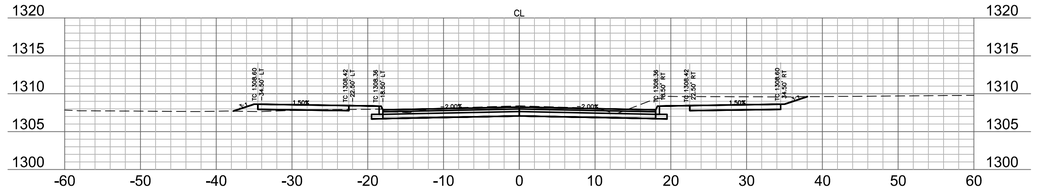
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drawn by: NS
checked by: AR
approved by: AR
QA/QC by: AR
project no.: I21-04210
drawing no.: T_XSV_02_I2104210
date: 06/15/2022

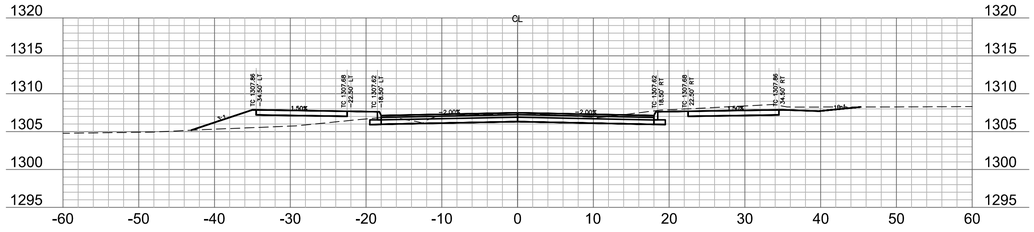
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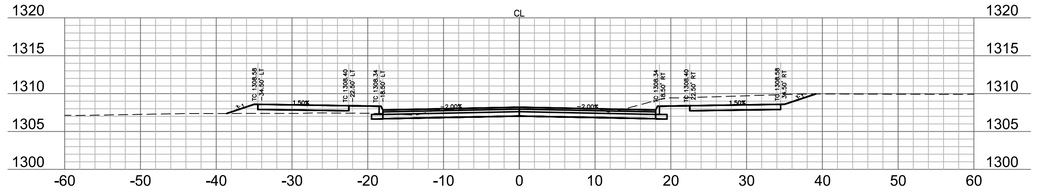
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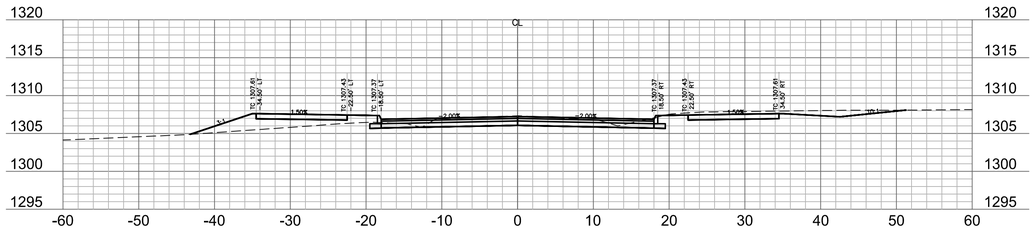
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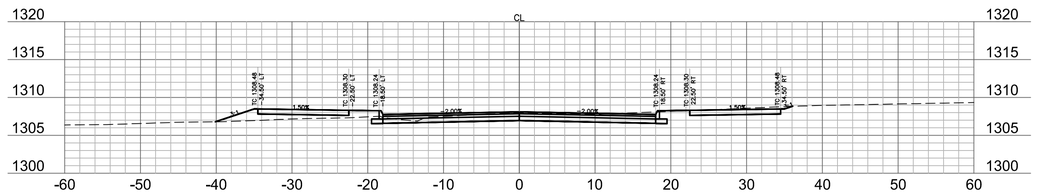
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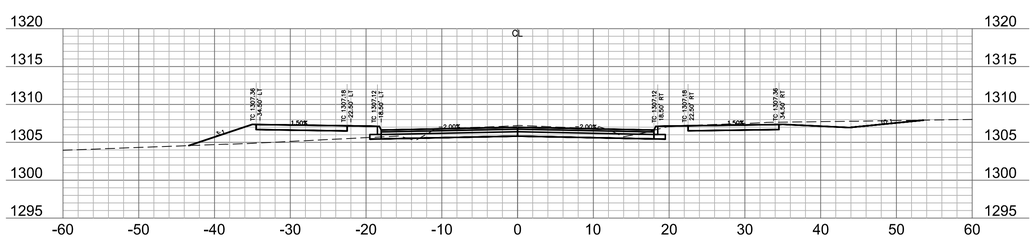
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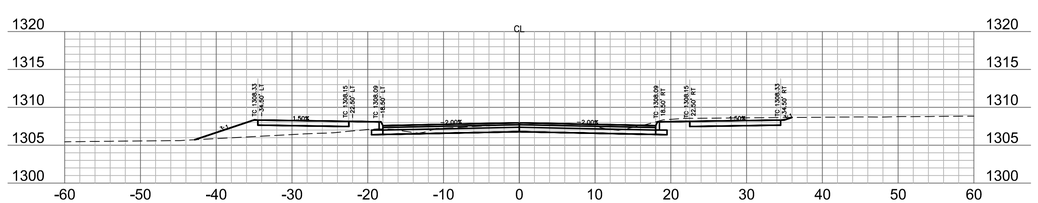
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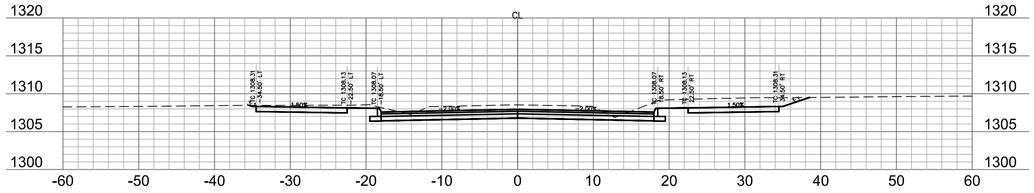
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E. BATTLEFIELD BOULEVARD IMPROVEMENTS

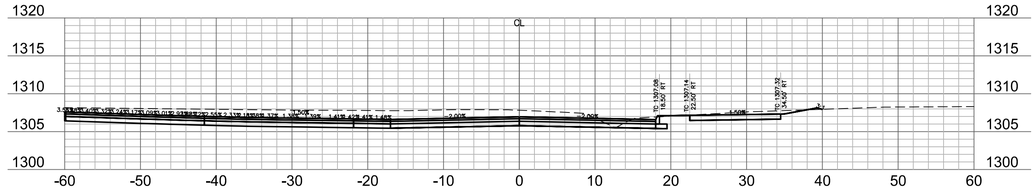
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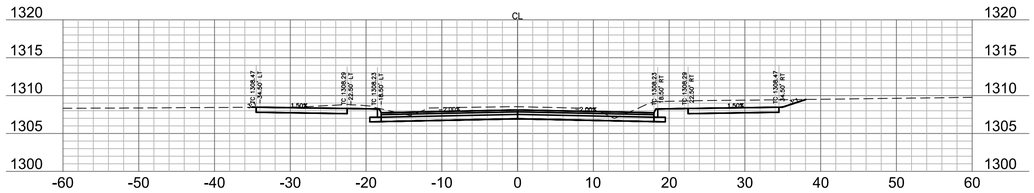
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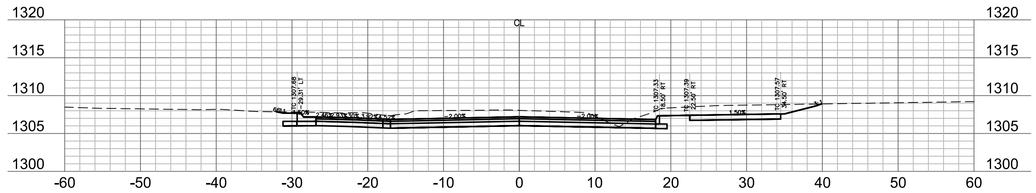
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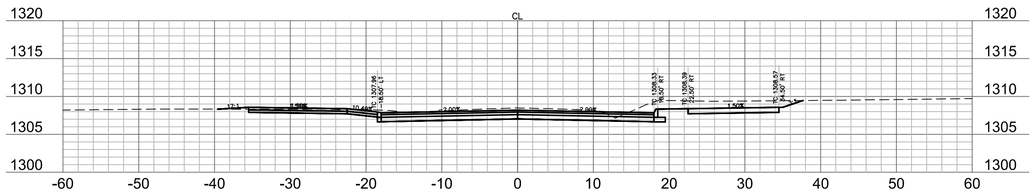
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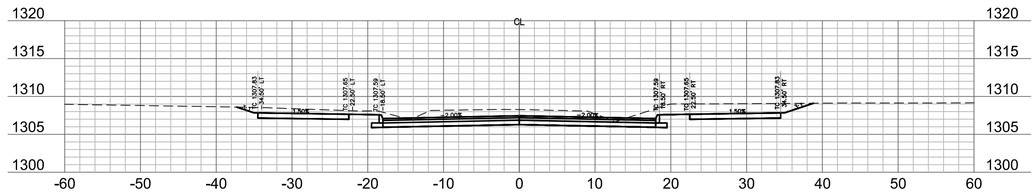
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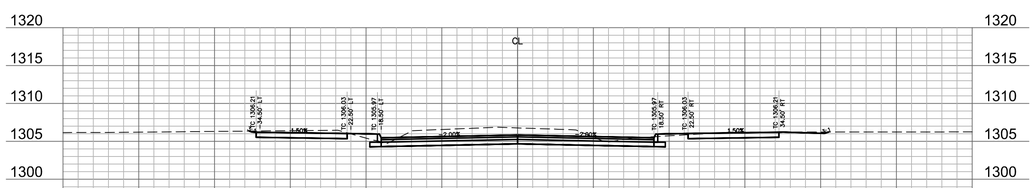
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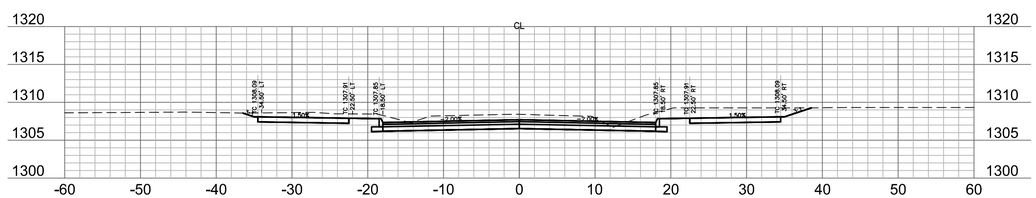
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120+00



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119+75

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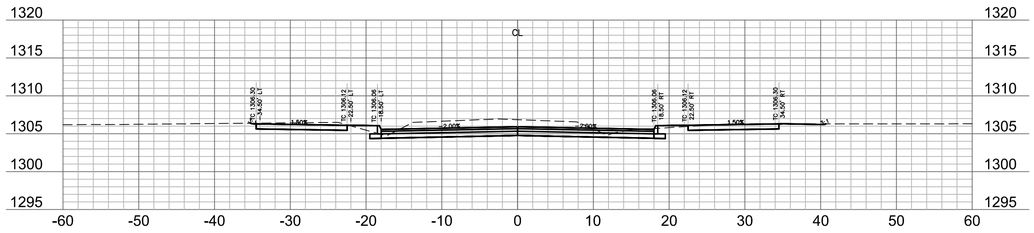
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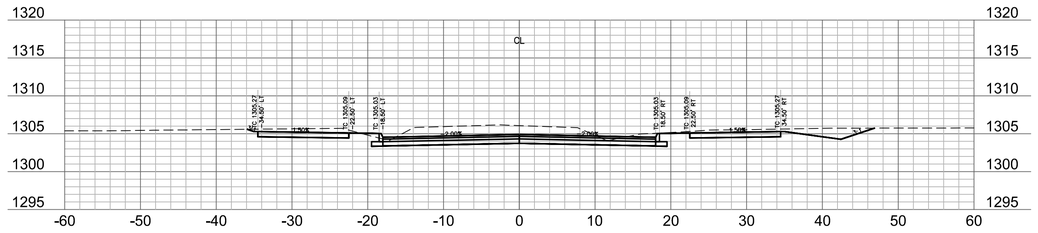
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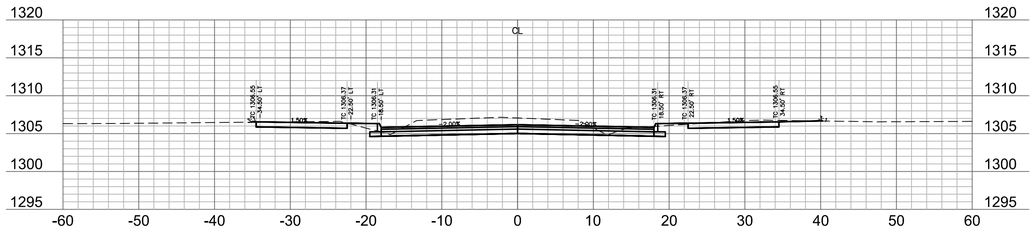
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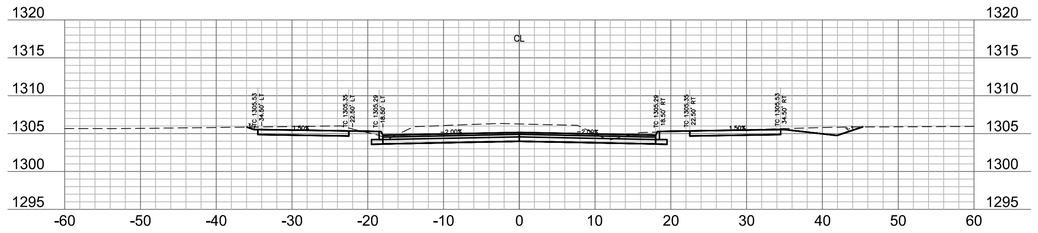
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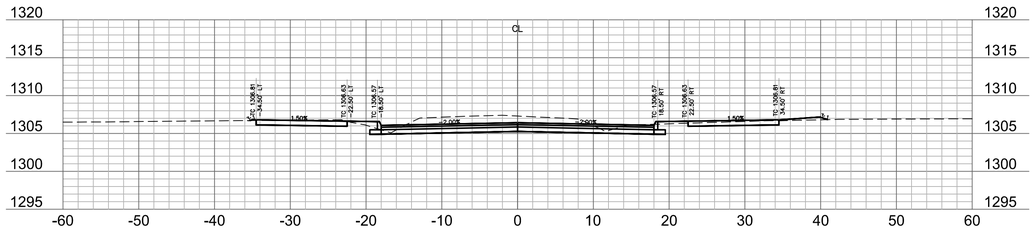
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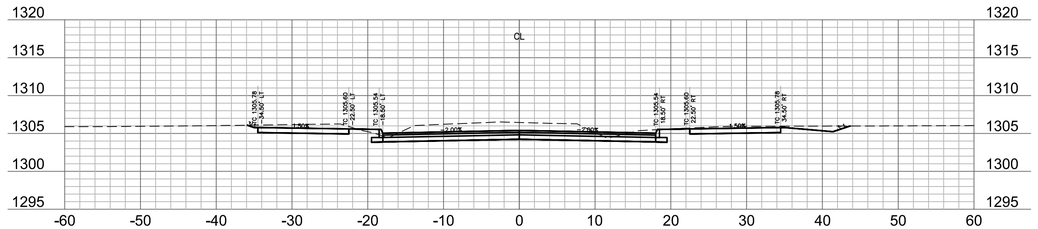
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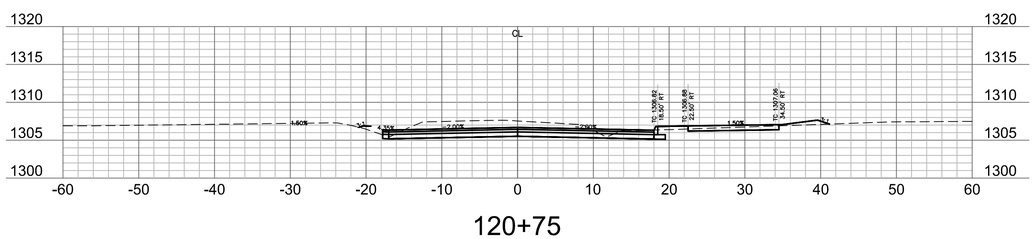
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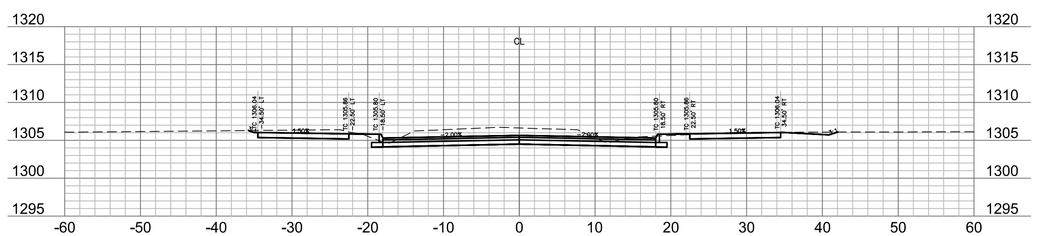
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120+75



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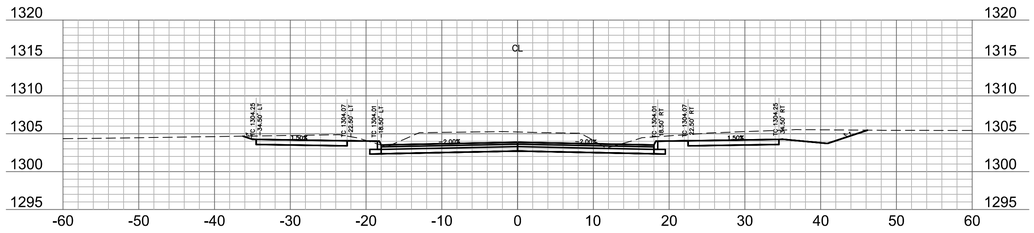
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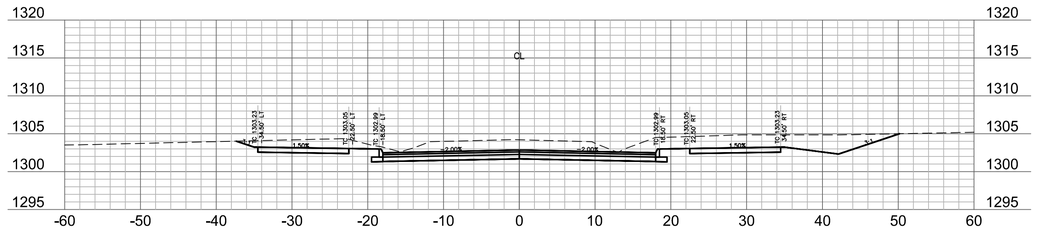
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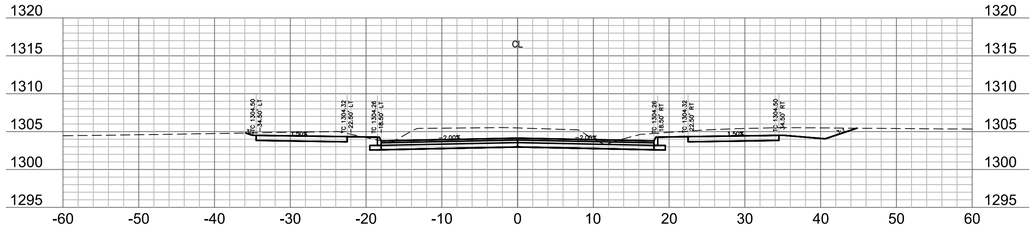
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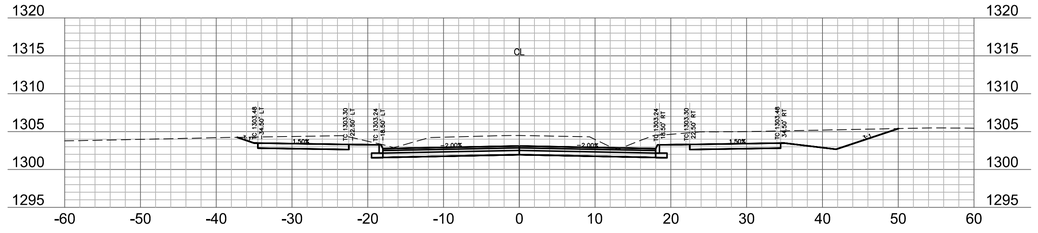
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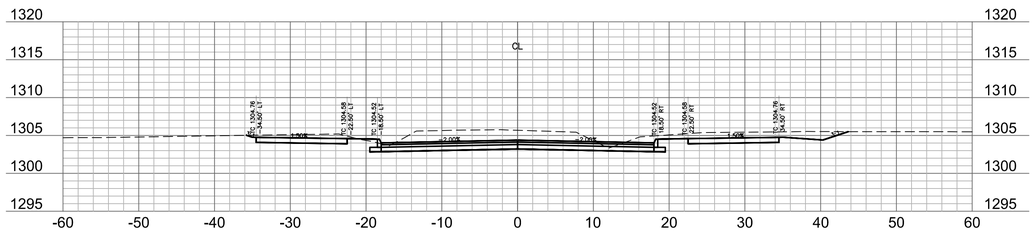
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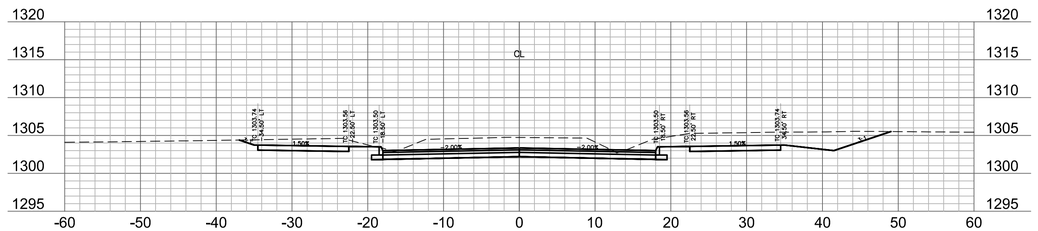
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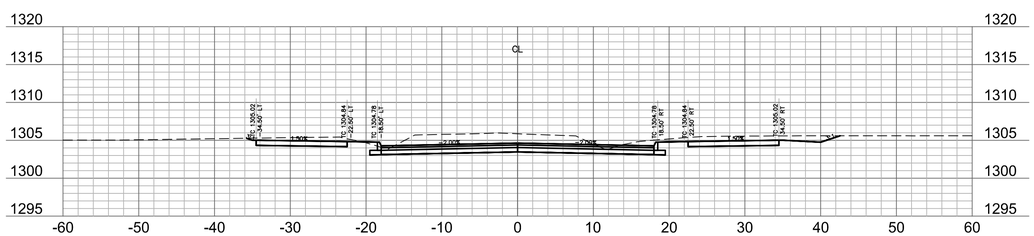
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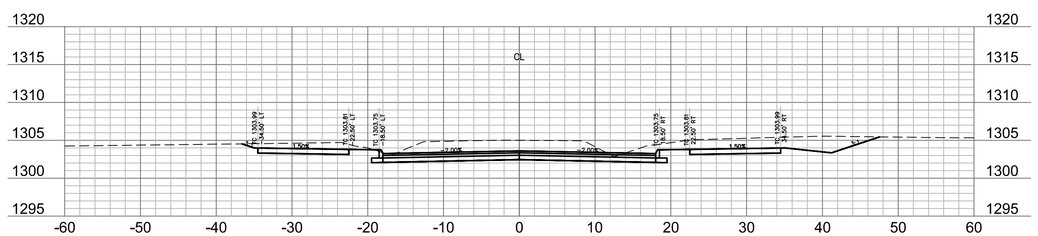
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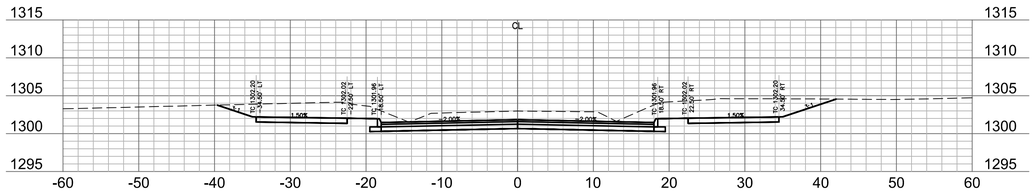
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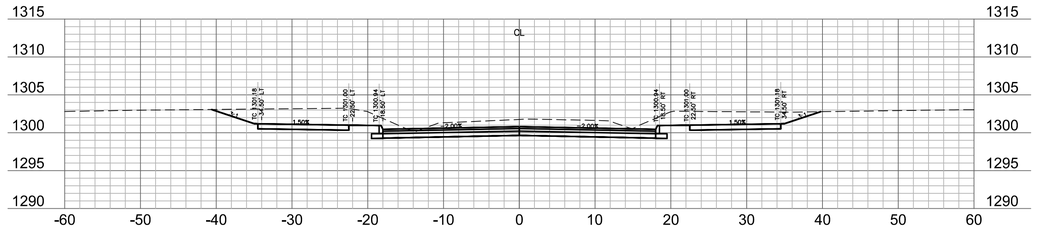
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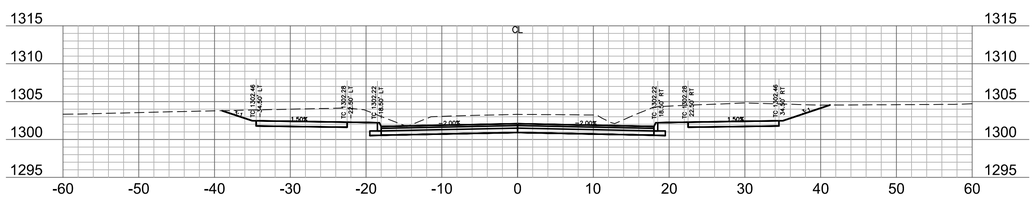
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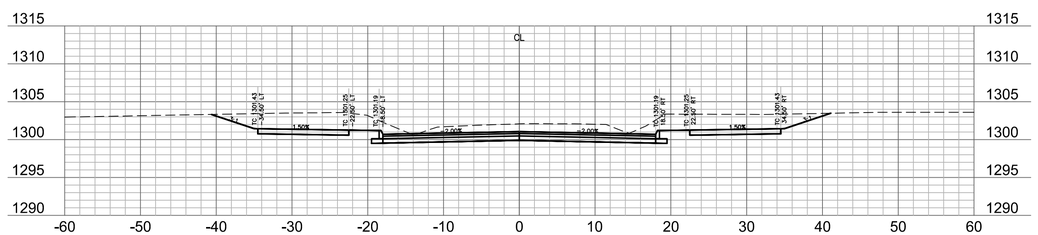
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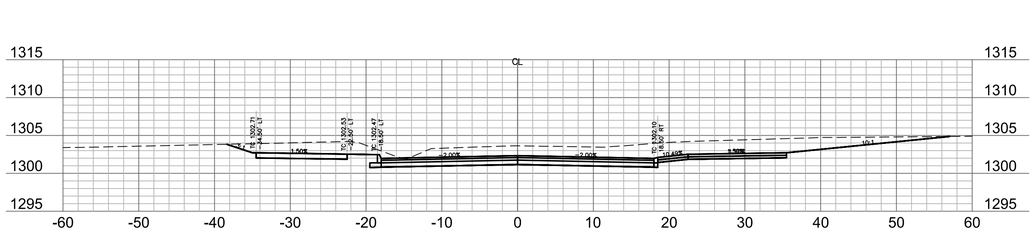
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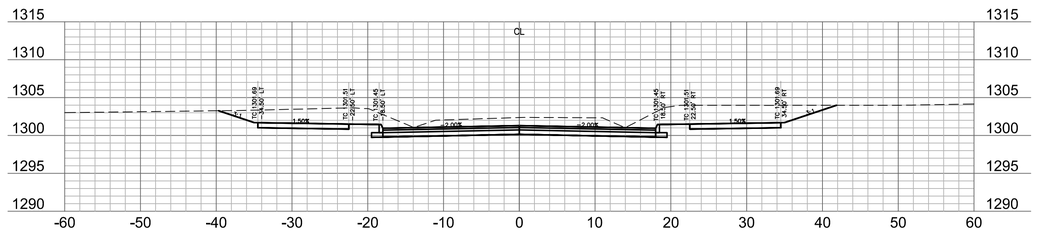
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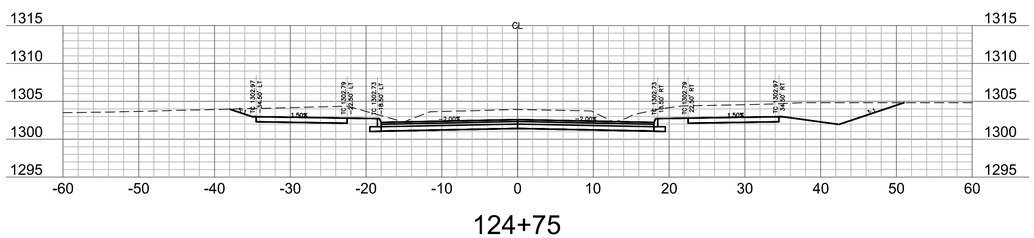
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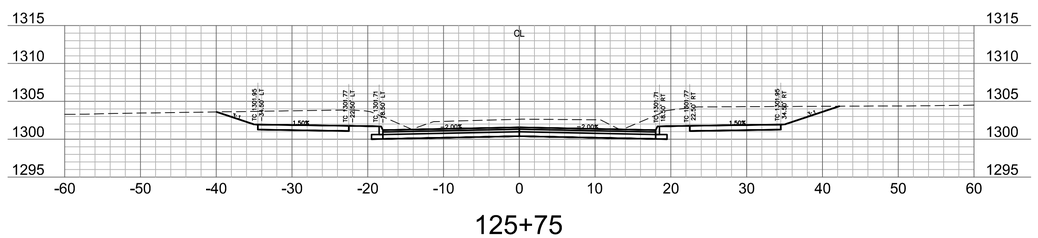
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126+00



124+75



125+75

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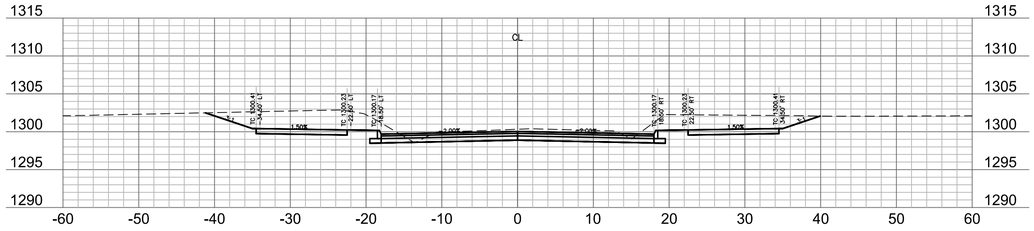
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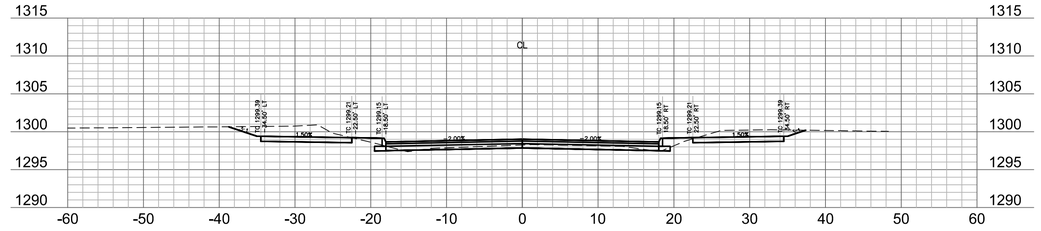
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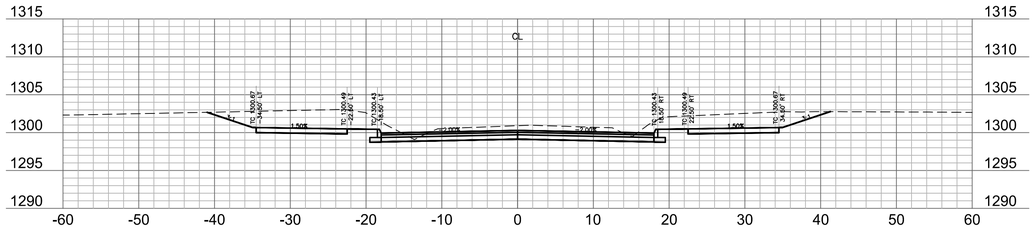
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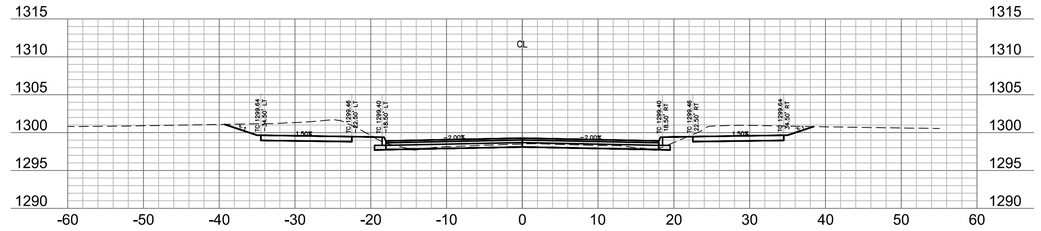
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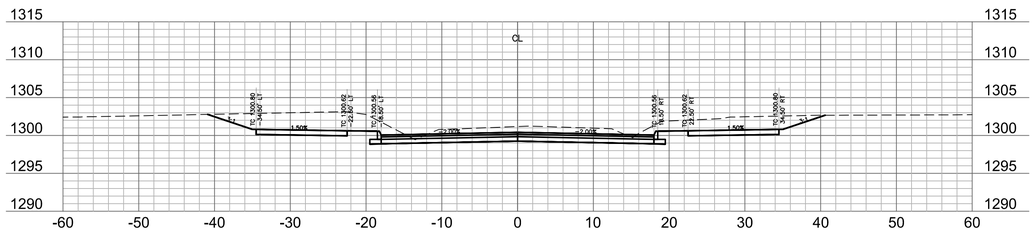
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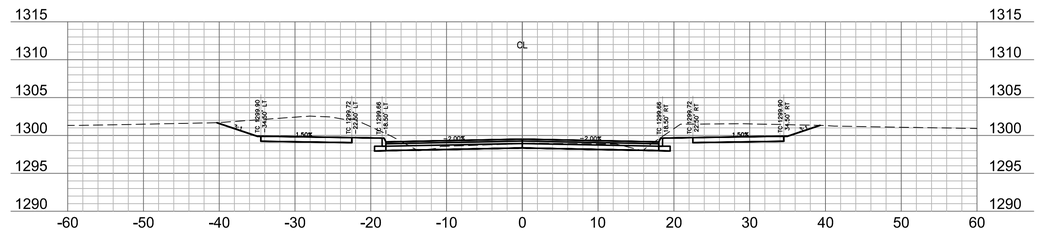
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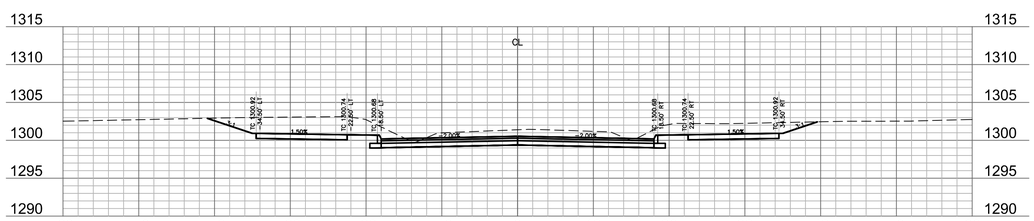
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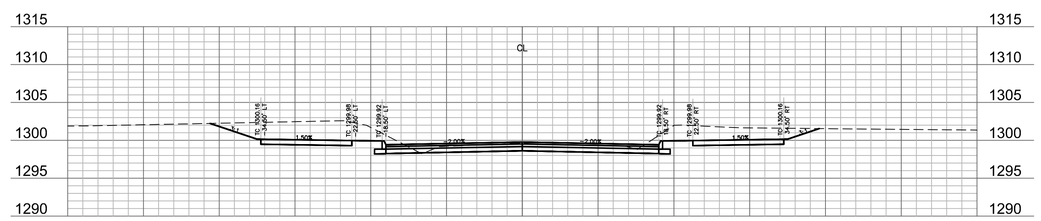
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126+75



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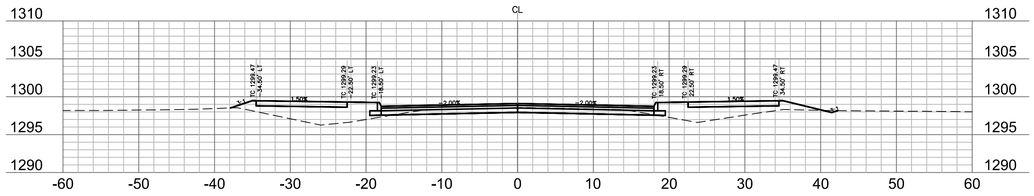
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E. BATTLEFIELD BOULEVARD IMPROVEMENTS

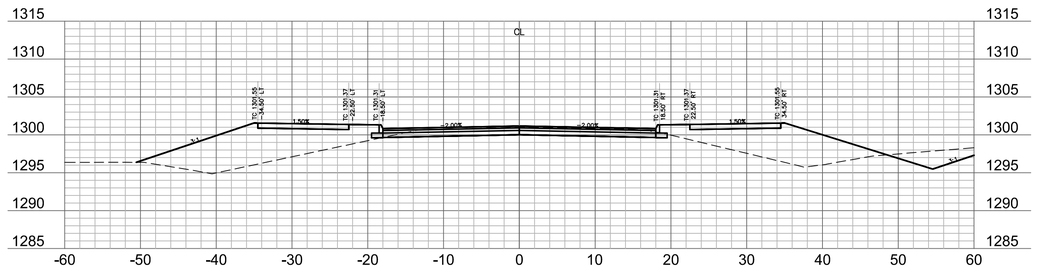
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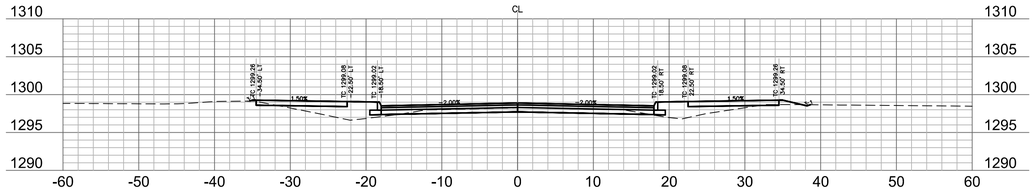
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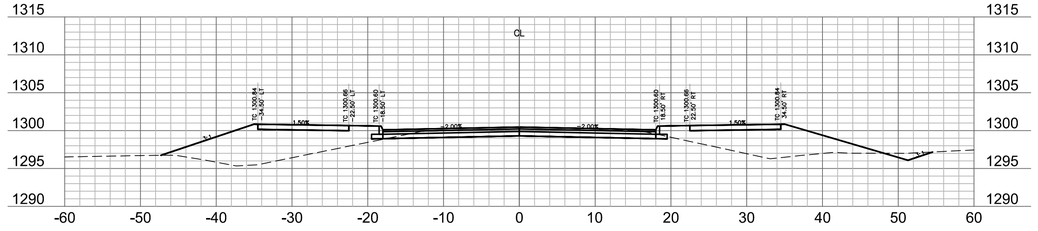
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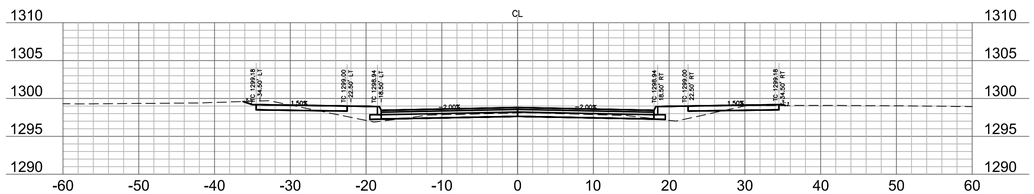
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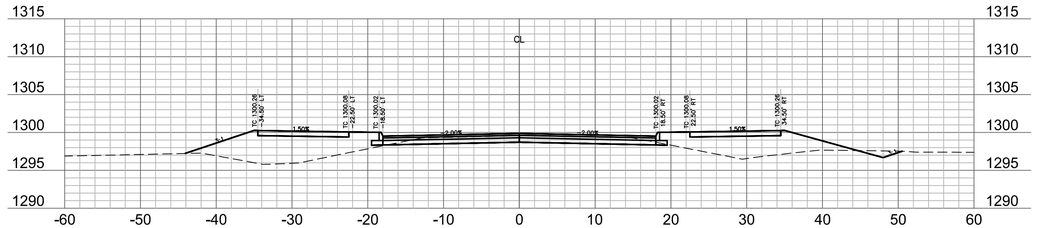
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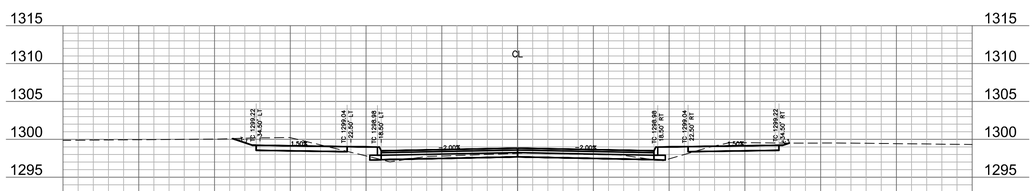
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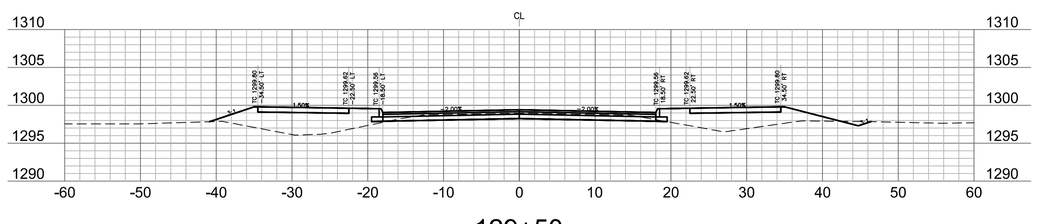
128+75



129+75



128+50



129+50

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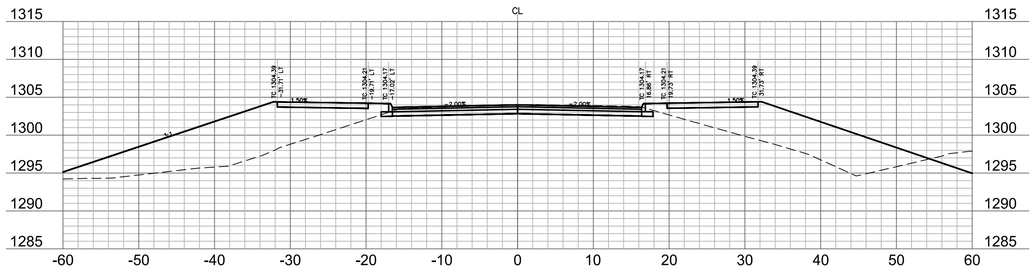
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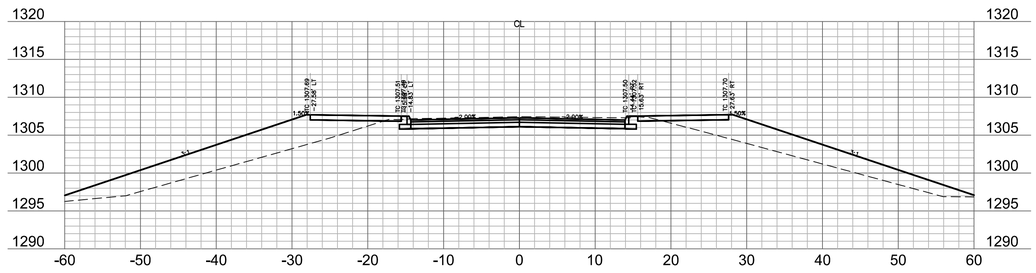
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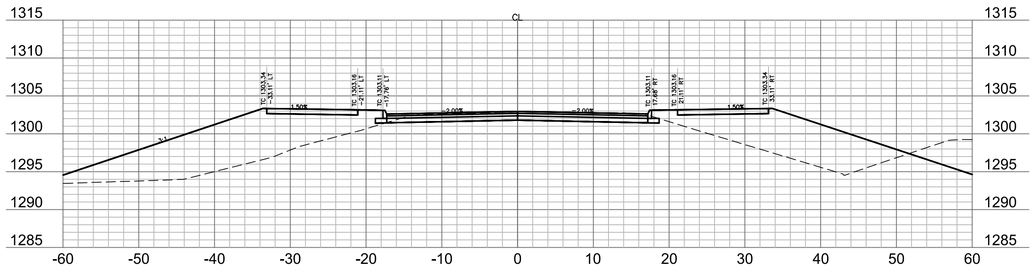
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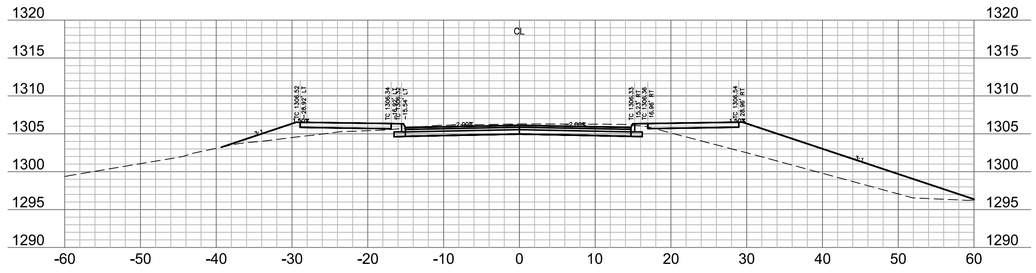
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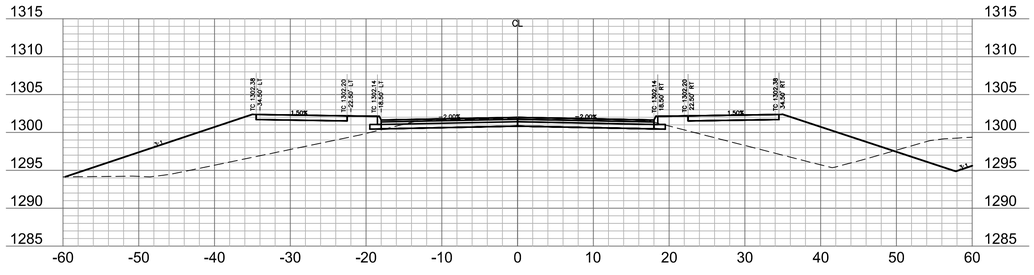
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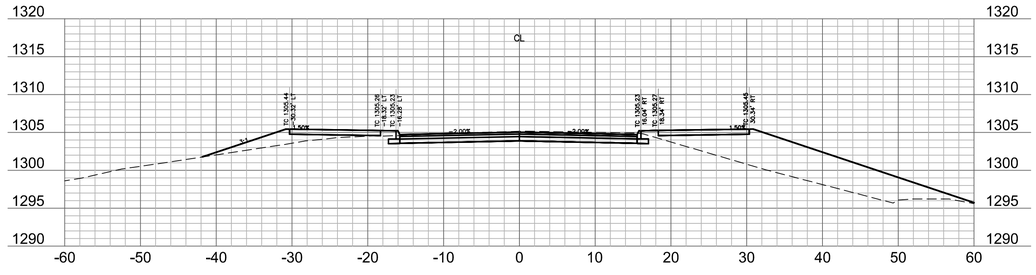
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131+50



130+50



131+25

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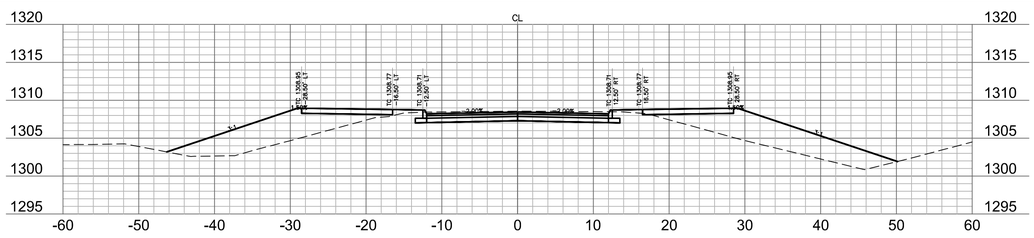
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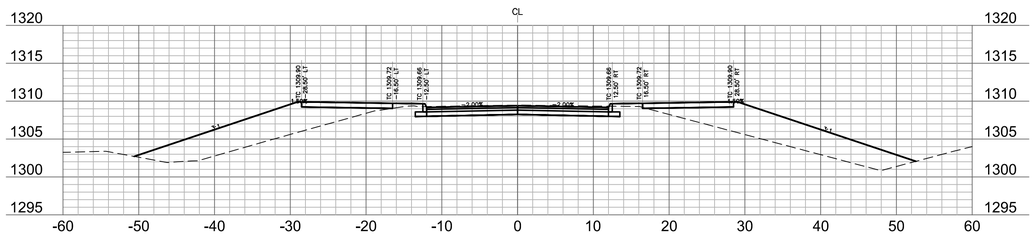
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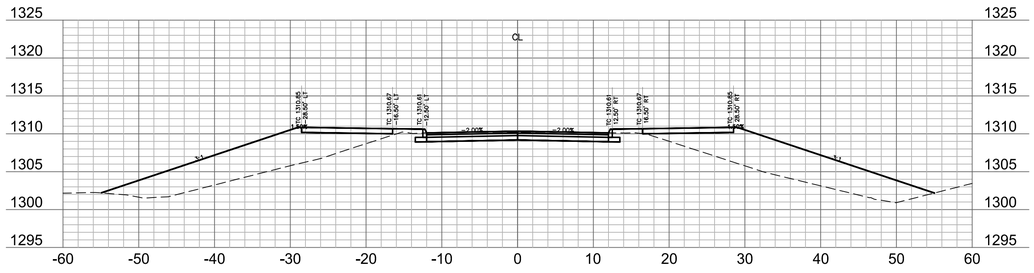
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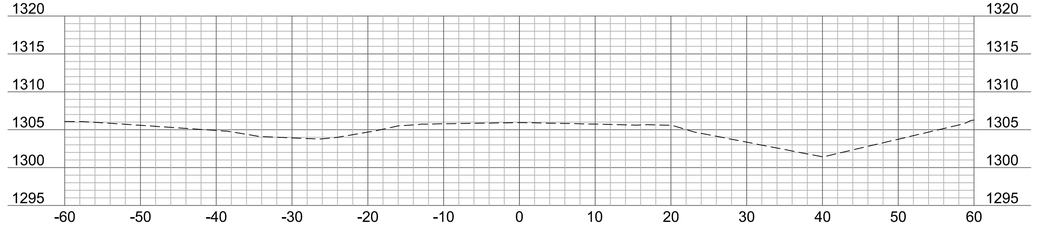
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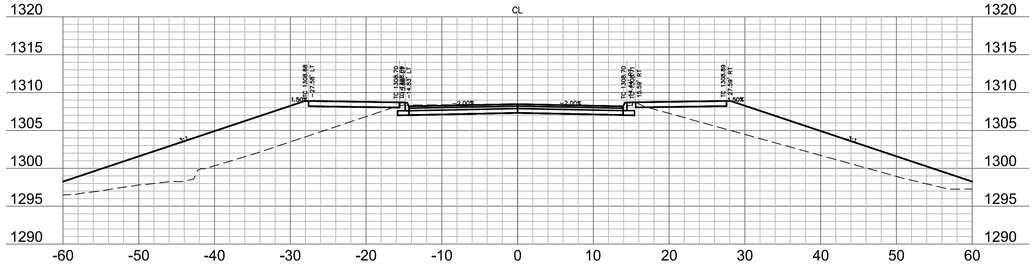
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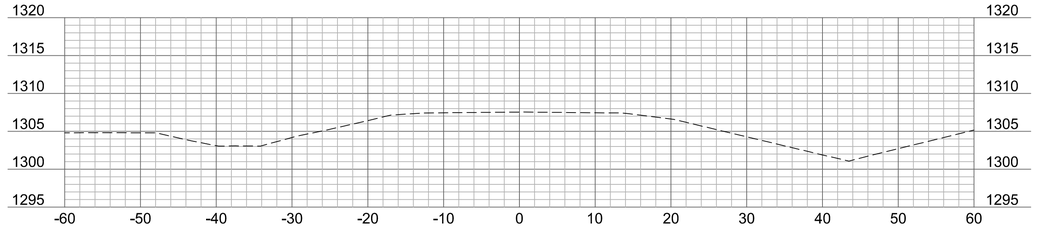
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137+00



132+00



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BENTONVILLE, AR

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