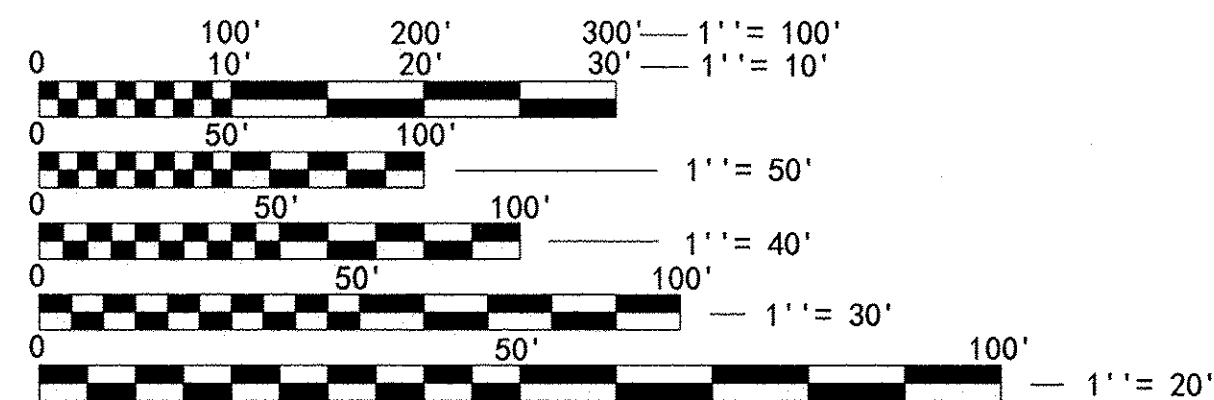


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LIST OF ILLINOIS DOT HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
664001-02	CHAIN LINK FENCE
665001-02	WOVEN WIRE FENCE
701001-02	OFF ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5m) AWAY
701006-05	OFF ROAD OPERATIONS, 2L 2W 15' TO 24" FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TERM OPERATIONS
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-05	TRAFFIC CONTROL DEVICES
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
725001	OBJECT AND TERMINAL MARKERS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES OF A&B METAL POSTS (FOR SIGNS AND MARKERS)



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J. U. L. I. E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

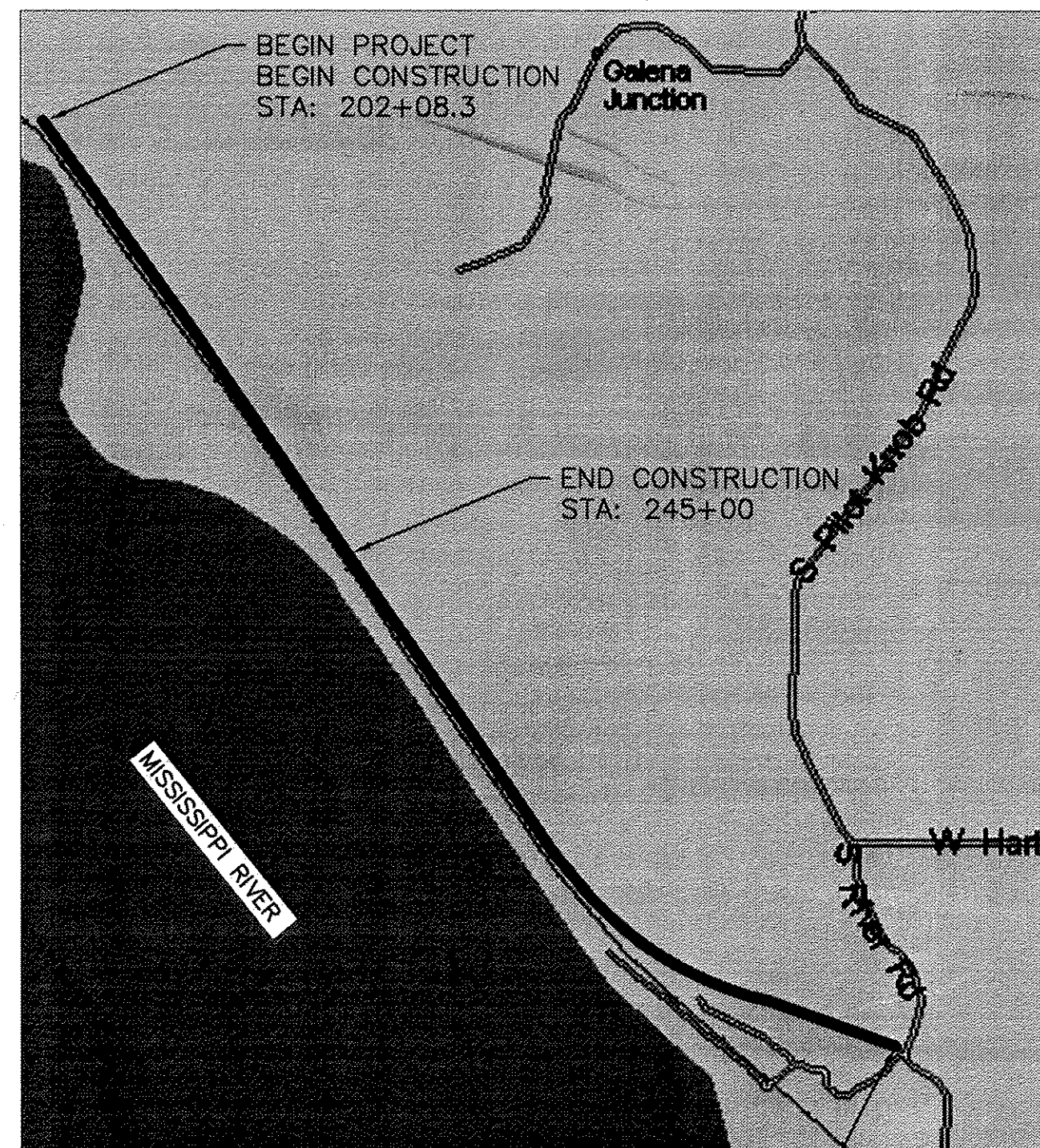
PROJECT ENGINEER: DENNIS WAUGH, P. E.
PROJECT MANAGER: JULIE NEEBEL, P. E.

CONTRACT NO. 85581

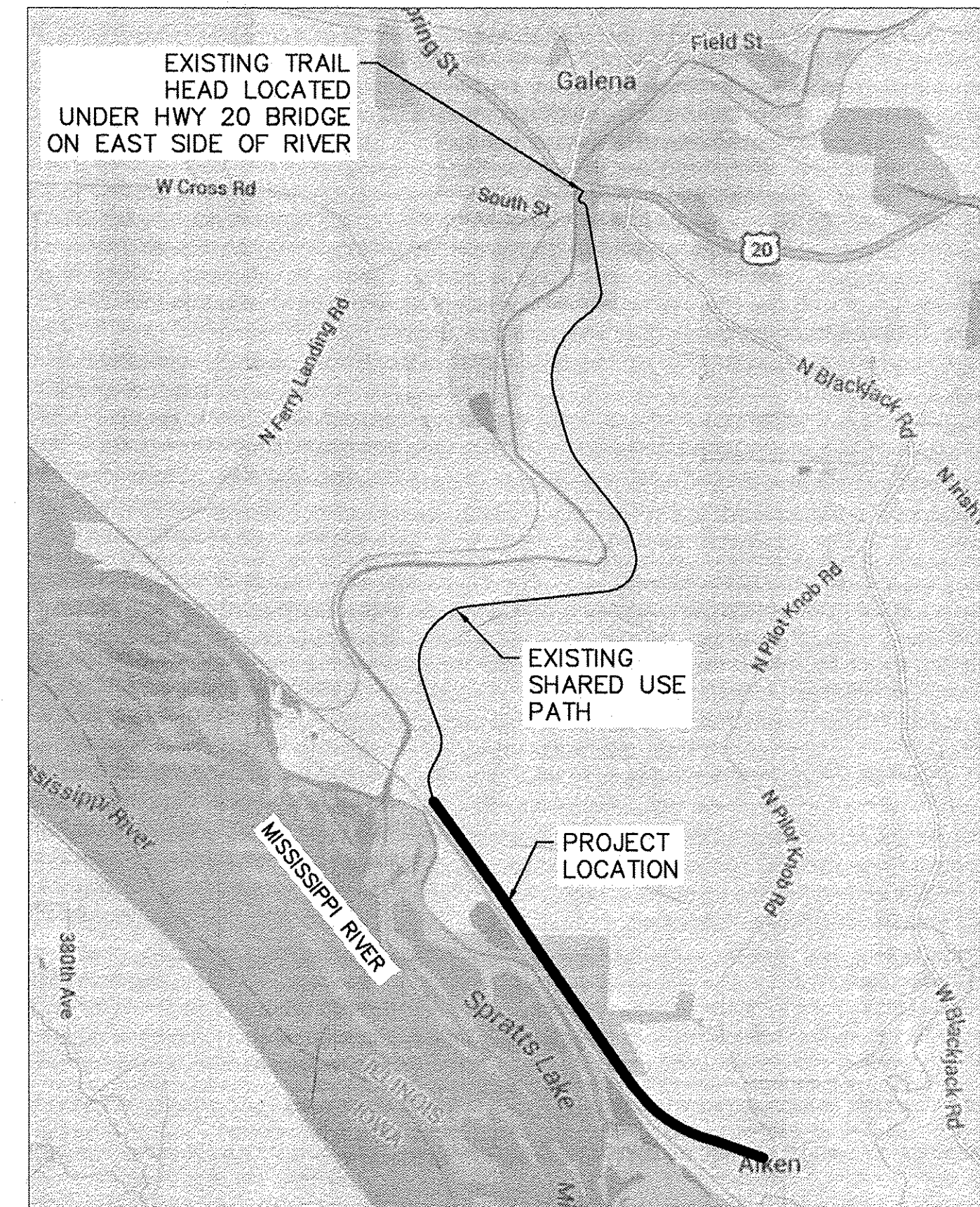
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS PLANS FOR PROPOSED IMPROVEMENTS

GALENA RIVER TRAIL PHASE 3
CITY OF GALENA
SECTION 10-00046-00-BT
PROJECT TE-00D2 (141)
JO DAVIESS COUNTY
JOB NO. C-92-060-11
ITEP NO. 229009

GROSS LENGTH = 11,712 FT. = 2.22 MILE
LONGITUDINAL: 42° - 22' N
LATITUDE: 90° - 26' W



LOCATION MAP



VICINITY MAP

F.A.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	10-00046-00-BT	JO DAVIESS	69	1

Long Section Number
Multiple County Names



LOCATION OF SECTION INDICATED THIS: - [black rectangle] -

AGENCY RESPONSIBLE FOR LETTING

Approved: *[Signature]*
29th August 2016
Galena City Engineer

Passed: 9/1/16
[Signature]
District 2 Engineer of Local Roads & Streets

Releasing for Bid Based on Limited Review: 9-1-16
[Signature]
Deputy Director of Highways, Region 2 Engineer

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

END PROJECT STA: 319+20

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JULIE P. NEEBEL
62-057352
LICENSED PROFESSIONAL ENGINEER
DATE: 8/29/16
EXP: 11/2017
ILLINOIS

I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF ILLINOIS

FOR I.I.W. P.C.
PROFESSIONAL DESIGN FIRM LICENSE #184-000951

[Signature] DATE: 8/29/16
62-057352 EXP: 11/30/2017
REG. # RENEWAL DATE

PAGES OR SHEETS COVERED BY THIS CERTIFICATION:
G1.01-G1.03, C2.01, C2.10, C2.50-C2.52, C3.01-C3.08, C4.01-C4.07, C10.01-C10.22

DENNIS F. WAUGH
81-4329
LICENSED STRUCTURAL ENGINEER
EXP. 11/2016
ILLINOIS

I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL STRUCTURAL ENGINEER UNDER THE LAWS OF THE STATE OF ILLINOIS

FOR I.I.W. P.C.
PROFESSIONAL DESIGN FIRM LICENSE #184-000951

[Signature] DATE: 8/29/16
DENNIS F. WAUGH
81-4329 EXP: 11/30/2016
REG. # EXP. DATE

PAGES OR SHEETS COVERED BY THIS CERTIFICATION:
G1.04-G1.05, C2.02-C2.09, C2.11-C2.12, C5.01-C5.06, C6.01-C6.06

SUMMARY OF QUANTITIES - CONSTRUCTION TYPE CODE: 0028

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route	10-00046-00-BT	JO DAVESS	69	3
ILLINOIS FED. AID PROJECT			CONTRACT NO. -----	

Reference Number	Pay Item Number	Item	Unit of Measure	Quantity
1	20100500	TREE REMOVAL, ACRES	ACRE	1.75
2	20200100	EARTH EXCAVATION	CU YD	520
3	20200200	ROCK EXCAVATION	CU YD	100
4	20700110	POROUS GRANULAR EMBANKMENT	TON	1467
5	21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	1288
6	25000200	SEEDING, CLASS 2	ACRE	1
7	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	87
8	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	87
9	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	87
10	25100105	MULCH, METHOD 1	ACRE	0.5
11	25100630	EROSION CONTROL BLANKET	SQ YD	1728
12	25100900	TURF REINFORCEMENT MAT	SQ YD	1231
13	28000305	TEMPORARY DITCH CHECKS	FOOT	90
14	28000500	INLET AND PIPE PROTECTION	EACH	2
15	28000400	PERIMETER EROSION BARRIER	FOOT	2271
16	28100809	STONE DUMPED RIPRAP, CLASS A5	TON	65
17	28200200	FILTER FABRIC	SQ YD	90
18	31101900	SUBBASE GRANULAR MATERIAL, TYPE C	TON	240
19	35101400	AGGREGATE BASE COURSE, TYPE B	TON	855
20	40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	338
21	50200100	STRUCTURE EXCAVATION	CU YD	1192
22	50200400	ROCK EXCAVATION FOR STRUCTURES	CU YD	245
23	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	20139
24	542D0217	PIPE CULVERTS, CLASS D, TYPE 1 12"	FOOT	30
25	60108501	PIPE UNDERDRAINS, TYPE 3	FOOT	740
Δ 26	66400205	CHAIN LINK FENCE, 5'	FOOT	495
27	67100100	MOBILIZATION	L SUM	1
Δ 28	72000100	SIGN PANEL - TYPE 1	SQ FT	17.5
Δ 29	72900100	METAL POST - TYPE A	FOOT	81
Δ 30	X6640585	CHAIN LINK FENCE, ATTACHED TO STRUCTURE, SPECIAL	FOOT	229
31	X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1
Δ 32	XX006653	FENCE (SPECIAL)	FOOT	450
33	X0322508	PEDESTRIAN TRUSS SUPERSTRUCTURE	SQ FT	5146
34	X0325279	CLASS SI CONCRETE	CU YD	139.7
Δ 35	X5090810	PEDESTRIAN RAIL (SPECIAL)	FOOT	1266
36	XZ127902	RETAINING WALL SPECIAL	SQ FT	5933
37	Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	898
38	Z0048665	RAILROAD PROTECTION LIABILITY INSURANCE	L SUM	1

QUANTITY REFERENCE NOTES -CONT.

REF. NO.	ESTIMATE REFERENCE INFORMATION/GENERAL NOTES
5	TOPSOIL EXCAVATION AND PLACEMENT SHALL BE LIMITED TO THE GRADED PORTIONS OF THE PATH CORRIDOR. BENEATH THE PATH ELEVATED WALKWAY SHALL REMAIN UNDISTURBED AS MUCH AS POSSIBLE, AND TOPSOIL IN THESE AREAS SHALL REMAIN. PRIOR TO THE START OF WORK, THE CONTRACTOR AND ENGINEER SHALL AGREE TO THE FINAL TOPSOIL LIMITS.
6	FOR USE ON ALL DISTURBED AREAS NOT RECEIVING GRANULAR SURFACING OR RIPRAP.
7	FOR USE ON ALL DISTURBED AREAS NOT RECEIVING GRANULAR SURFACING OR RIPRAP.
8	FOR USE ON ALL DISTURBED AREAS NOT RECEIVING GRANULAR SURFACING OR RIPRAP.
9	FOR USE ON ALL DISTURBED AREAS NOT RECEIVING GRANULAR SURFACING OR RIPRAP.
10	MULCH SHALL BE USED ON ALL SEEDED DISTURBED AREAS NOT INDICATED TO RECEIVE EROSION CONTROL BLANKET OR TURF REINFORCED MAT.
11	EROSION CONTROL BLANKET TO BE USED ON DISTURBED AREAS AS INDICATED ON THE EROSION CONTROL PLAN. QUANTITY INCLUDES 20% UNDESIGNATED FOR USE IN DISTURBED AREAS OUTSIDE OF THE GRADING LIMITS. PRIOR TO THE START OF WORK, THE CONTRACTOR AND ENGINEER SHALL AGREE TO THE FINAL EROSION CONTROL BLANKET LIMITS.
12	FOR USE IN DITCHES AND BENEATH THE PATH BRIDGES AS INDICATED IN THE PLANS.
14	FOR USE AT INLET OF PROPOSED CULVERT AT STA 203+83 AND AROUND INLET OF EXISTING LIMESTONE CULVERT AT STA 211+95.
15	LOCATION MAY NEED TO BE ADJUSTED TO ENCOMPASS DISTURBED AREAS.
16	FOR USE AT ELEVATED WALKWAY #4 AS NOTED. SEE SHEET C5.05.
17	FOR USE AT LOCATIONS AS DIRECTED BY THE ENGINEER AND AS SHOWN IN THE TYPICAL SECTIONS ON SHEET C2.01 FOR USE AS NEEDED AS SUBGRADE STABILIZATION.
18	10% UNDISTRIBUTED QUANTITY INCLUDED, IN ADDITION TO LOCATIONS USED AS BASE ON THE TYPICAL SECTIONS.
19	10% UNDISTRIBUTED QUANTITY INCLUDED, IN ADDITION TO LOCATIONS USED AS BASE ON THE TYPICAL SECTIONS.
20	10% UNDISTRIBUTED QUANTITY INCLUDED, IN ADDITION TO LOCATIONS USED AS SURFACE COURSE ON THE TYPICAL SECTIONS. SEE TYPICAL SECTIONS.
21	TOTAL EXCAVATION FOR ABUTMENTS AND PIERS OF ALL ELEVATED WALKWAYS IS 370 CU YD, OF WHICH 69 CU YDS IS ASSUMED TO BE ROCK EXCAVATION AND 301 CU YDS IS CONSIDERED STRUCTURE EXCAVATION, AS TABULATED ON SHEET G1.05. TOTAL EXCAVATION FOR WALLS 1-N AND 1-S IS 283 CU YD, OF WHICH 73 CU YDS IS ASSUMED TO BE ROCK EXCAVATION AND 210 CU YDS IS ASSUMED TO BE STRUCTURE EXCAVATION. TOTAL EXCAVATION FOR WALLS 2-N AND 2-S IS 174 CU YD, OF WHICH 103 CU YDS IS ASSUMED TO BE ROCK EXCAVATION AND 70 CU YD IS CONSIDERED TO BE STRUCTURE EXCAVATION. ROCK EXCAVATION FOR WALLS 1-N, 1-S, 2-N, AND 2-S BASED ON ASSUMED ROCK DEPTH OF 3' BELOW THE EXISTING GROUND SURFACE IN THE AREA OF THE WALLS. TOTAL STRUCTURE EXCAVATION FOR WALL 3-N IS 611 CU YD WITH NO ROCK EXCAVATION ANTICIPATED AT THIS WALL LOCATION. EXCAVATION ASSUMED IN WALL AREAS IS SHOWN IN THE CROSS SECTIONS IN THE PLANS. THE QUANTITY OF STRUCTURE EXCAVATION SHALL BE INCREASED OR DECREASED TO COMPENSATE FOR THE DIFFERENCES IN THE ASSUMED ROCK EXCAVATION.

QUANTITY REFERENCE NOTES -CONT.

REF. NO.	ESTIMATE REFERENCE INFORMATION/GENERAL NOTES
22	SEE BORING SHEETS, SERIES C6. PAYMENT FOR ROCK EXCAVATION SHALL BE MEASURED. ROCK EXCAVATION WAS ASSUMED TO BE THE BOTTOM 6" OF THE PIER EXCAVATION. FOR WALLS 1-N, 1-S, 2-N, AND 2-S, ROCK EXCAVATION CALCULATED BASED ON ASSUMED ROCK DEPTH OF 3' BELOW EXISTING GROUND. NO ROCK EXCAVATION IS ANTICIPATED AT WALL 3-N.
23	SEE TABULATION SHEET C2.09
24	FOR USE AS SHOWN ON SHEET C3.01 AND C5.06.
25	FOR INSTALLATION ALONG THE SHARED USE PATH AS TABULATED IN SHALLOW DITCH ALONG ROCK FACE. OUTLET INTO RIPRAP ADJACENT TO ELEVATED WALKWAY #4. PLACE TO DRAIN WITH A MINIMUM SLOPE OF 0.25%. CONFIRM PLACEMENT LOCATION AND QUANTITY WITH ENGINEER PRIOR TO ORDERING MATERIAL. FURNISHING AND INSTALLATION OF THE DRAINAGE AGGREGATE AND ANY EXCAVATION REQUIRED IN ACCORDANCE WITH DETAILS ON THE PLAN SHEETS WILL NOT BE PAID FOR SEPERATELY, BUT SHALL BE INCLUDED IN THE COST OF THE PIPE UNDERDRAINS. DRAINAGE AGGREGATE BACKFILL SHALL BE GRADATION CA 15, CA
26	FOR USE ON AREAS AS NOTED IN PLAN AND PROFILE SHEETS, WHERE NOT MOUNTED ON WALL OR BRIDGE ABUTMENT
28	SEE TABULATION SHEET G1.05 AND DETAILS SHEET C2.10.
29	SEE TABULATION SHEET G1.05 AND DETAILS SHEET C2.10.
30	FOR USE ON ABUTMENTS AS NOTED AND ON THE DOWNHILL SIDE OF RETAINING WALLS, HEIGHT OF 42". AS DETAILED ON STANDARD 664001 CHAIN LINK FENCE, NOTED IN THE PLAN DETAILS, AND AS RECOMMENDED BY THE WALL FABRICATOR. METHOD OF MEASUREMENT SHALL BE MEASURED BE BY THE LINEAR FOOT INSTALLED AS MEASURED BY THE ENGINEER. BASIS OF PAYMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT. FURNISHING AND INSTALLATION OF THE FENCING INCLUDING ALL LABOR AND MATERIALS, POSTS, CHAIN LINK, BOLTS, AND HARDWARE SHALL NOT BE PAID FOR SEPERATELY, BUT SHALL BE INCLUDED IN THE COST OF THE FENCE.
32	FENCE TO BE INSTALLED IN ACCORDANCE WITH STANDARD 665001-02. IN LIEU OF WOVEN WIRE, INSTALL 5 BARBED WIRES WITH THE FIRST WIRE 12" FROM THE FINISHED GROUND SURFACE, AND THE REMAINING WIRES SPACED AT 9" ON CENTER. GATE POSTS SHALL BE INSTALLED TO ALLOW FOR FUTURE INSTALLATION OF 16" PIPE GATE AS INDICATED ON THE PLANS. GATE WILL BE INSTALLED BY OTHERS. SEE SHEETS C3.03 AND C3.04, STATION 216+41 TO STATION 220+50, LEFT SIDE. METHOD OF MEASUREMENT SHALL BE MEASURED BE BY THE LINEAR FOOT INSTALLED AS MEASURED BY THE ENGINEER. BASIS OF PAYMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT. FURNISHING AND INSTALLATION OF THE FENCING INCLUDING ALL LABOR AND MATERIALS, POSTS, WIRE, BOLTS, AND HARDWARE SHALL NOT BE PAID FOR SEPERATELY, BUT SHALL BE INCLUDED IN THE COST OF THE FENCE.
33	REFER TO SPECIAL PROVISION
34	SEE TABULATION SHEET C2.09, REFER TO SPECIAL PROVISION
35	REFER TO SPECIAL PROVISION
36	SEE DETAIL SHEET C.2.11 AND C2.12., REFER TO SPECIAL PROVISION
37	FOR USE BEHIND THE RETAINING WALL SPECIAL AND BEHIND THE BRIDGE ABUTMENTS. GEOTECHNICAL FABRIC AND DRAINAGE AGGREGATE SHALL BE CONSIDERED INCIDENTAL TO THIS BID ITEM. REFER TO SPECIAL PROVISION.

QUANTITY REFERENCE NOTES Δ SPECIALTY ITEMS

REF. NO.	ESTIMATE REFERENCE INFORMATION/GENERAL NOTES
1	TREE REMOVAL SHALL BE LIMITED TO THOSE WHICH OCCUR DIRECTLY IN THE PATH CORRIDOR, OR TREES WHICH MUST BE REMOVED AS PART OF CONSTRUCTION. THE CITY OF GALENA HAS ALREADY FELLED SOME TREES, THE CONTRACTOR SHALL VIEW THE SITE TO ASSESS THE AMOUNT OF TREE REMOVAL INSTEAD OF DEPENDING ON THE NUMBER OF TREES SHOWN IN THE PLANS TO DETERMINE REMOVALS. WHEREVER POSSIBLE, TREES WITHIN THE GRADING LIMITS AND OUTSIDE OF THE PATH CORRIDOR SHALL BE PRESERVED. PRIOR TO THE START OF WORK, THE CONTRACTOR AND ENGINEER SHALL AGREE TO THE FINAL REMOVAL LIMITS. TREES 3 INCHES OR GREATER IN DIAMETER AT BREST HEIGHT SHALL BE CUT PRIOR TO APRIL 1 OR AFTER OCTOBER 14.
2	QUANTITIES LISTED DO NOT INCLUDE STRUCTURE EXCAVATION MATERIAL. SUITABLE MATERIAL EXCAVATED FOR STRUCTURE CONSTRUCTION MAY BE USED AS PATH EMBANKMENT MATERIAL, AS APPROVED BY THE ENGINEER. SEE EARTHWORK SUMMARY TABULATION ON SHEET G1.05 FOR A DETAILED BREAKDOWN OF THE QUANTITIES. CLEARING NECESSARY FOR EARTH EXCAVATION SHALL INCLUDE REMOVAL OF EXISTING FENCING WITHIN THE GRADING LIMITS.
3	PAYMENT FOR ROCK EXCAVATION SHALL BE MEASURED QUANTITIES. ROCK CUT IS ASSUMED FROM STATION 212+25 TO STATION 213+25 AT 100 CY. FIELD VERIFY. SUITABLE MATERIAL EXCAVATED AS ROCK EXCAVATION MAY BE USED AS PATH EMBANKMENT MATERIAL, AS APPROVED BY THE ENGINEER.
4	FOR USE AS BACKFILL BEHIND, UNDER, AND BETWEEN THE RETAINING WALL SPECIAL AND ABUTMENTS. REFER TO SHEET C2.02. POROUS GRANULAR EMBANKMENT WILL BE MEASURED AND PAID FOR ACCORDING TO SECTION 207 OF THE STANDARD SPECIFICATIONS, TO THE LIMITS INDICATED IN SECTION 502 OF THE STANDARD SPECIFICATION, UNLESS APPROVED BY THE ENGINEER. POROUS GRANULAR BACKFILL SHALL MEET GRADATION CA6 OR CA10.

DATE _____ BY _____
 SURVEYED _____
 PLAN _____
 NOTE BOOK _____
 CHECKED _____
 RT. OF WAY CHECKED _____
 NO. _____
 FILE NAME _____

DATE _____ BY _____
 SURVEYED _____
 PROFILE _____
 NOTE BOOK _____
 CHECKED _____
 STRUCTURE NOTATION CHKD _____
 NO. _____

USER NAME = NHOFRI0HTER	DESIGNED -- --	REVISED -- --
	DRAWN -- NOAH HOFRICHTER	REVISED -- --
PLOT SCALE = --	CHECKED -- --	REVISED -- --
PLOT DATE = 8/29/2016 7:54 AM	DATE -- --	REVISED -- --

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

GALENA RIVER TRAIL PHASE 3 SUMMARY OF QUANTITIES			
SCALE: N/A	SHEET 3	OF 69 SHEETS	STA. -- TO STA. --

FILE NAME = P:\12\028\028-01\Drawings\Civil\12028_general sheets
SHEET NAME G1.03

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route	10-00046-00-BT	JO DAVIESS	69	4
CONTRACT NO. -----			ILLINOIS FED. AID PROJECT	

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED APRIL 1, 2016". THESE PLANS AND THE SPECIAL PROVISIONS ARE INCLUDED IN THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL COORDINATE ACTIVITIES WITH ALL UTILITIES WITHIN THE PROJECT LIMITS. THE LOCATION OF EXISTING UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT ARE NOT GUARANTEED. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THEIR EXACT LOCATIONS FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION. THE CONTRACTOR IS REQUIRED TO CONTACT J.U.L.I.E. AT 1-800-892-0123 PRIOR TO PROCEEDING WITH ANY EXCAVATION AND WORK ON THE PROJECT.
- ALL WORK, INCLUDING TEMPORARY STAGING, WHICH OCCURS WITHIN THE RAILROAD RIGHT-OF-WAY SHALL BE COORDINATED DIRECTLY WITH THE RAILROAD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIRED FLAGGING, INSURANCE, AND PERMITS REQUIRED TO COMPLETE WORK WITHIN THE RAILROAD RIGHT-OF-WAY.
- THE SHARED USE PATH SHALL BE CLOSED TO ALL USERS DURING CONSTRUCTION. THE ACCESS ROAD SHALL BE LEFT OPEN TO LOCAL TRAFFIC. ALL TRAFFIC CONTROL DEVICES, PROCEDURES, AND LAYOUTS WITHIN THE LIMITS OF THIS PROJECT SHALL CONFORM TO THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (MUTCD)" AS ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION. THE CONTRACTOR SHALL FURNISH TRAFFIC CONTROL INCLUDING SIGNS AND BARRICADES IN CONFORMANCE WITH STANDARD NO. 701801 & 701901 AND THE MUTCD. CONTRACTOR SHALL FURNISH, ERECT, AND MAINTAIN ALL NECESSARY TRAFFIC CONTROL DEVICES ON A 24 HOUR PER DAY, 7 DAYS A WEEK BASIS DURING THE CONSTRUCTION PERIOD.
- TRAFFIC CONTROL SHALL INCLUDE ALL MEANS NECESSARY TO PROTECT ANY CONTRACTOR, EQUIPMENT AND MATERIALS. ACCESS SHALL CONTINUE TO BE PROVIDED ALONG ALL ROADWAYS (INCLUDING RAILROAD MAINTENANCE ROADWAYS) DURING CONSTRUCTION. TRAFFIC CONTROL SHALL BE PROVIDED TO PREVENT ANY USE OF THE SHARED USE PATH OR SHARED USE PATH SEGMENTS WITHIN THE CONSTRUCTION LIMITS BY ALL POTENTIAL PATH USERS UNTIL THE SHARED USE PATH IS FULLY OPEN TO ALL USERS.
- TYPE III BARRICADES SHALL BE INSTALLED AT EACH END OF EACH STRUCTURE UNTIL SHARED USE PATH IS COMPLETE AND OPEN TO ALL USERS.

DESIGN SPECIFICATIONS

2012 AASHTO LRFD BRIDGE DESIGN SPECIFICATION - 6TH ED

LOADING

LIVE: 90 #/SQ FT - 2500# VEHICLE

DESIGN STRESSES

FIELD UNITS:

fc' = 3,500 psi
Fy = 60,000 psi (REINFORCEMENT)

STRUCTURAL CONCRETE:

fc' = 4,000 psi

ALUMINUM:

Fty = 35,000 PSI, ALLOY 6061-T6

PEDESTRIAN TRUSS SUPERSTRUCTURE GENERAL NOTES

THE PEDESTRIAN TRUSS SUPERSTRUCTURE SHALL CONSIST OF A WELDED ALUMINUM WALKWAY SYSTEM, INCLUDING DECKING, FRAMING, BEARINGS, MATERIAL ISOLATION, RAILING AND FASTENERS.

THE PEDESTRIAN TRUSS SUPERSTRUCTURE SHALL CONFORM TO AASHTO BRIDGE DESIGN SPECIFICATIONS FOR ALUMINUM STRUCTURES, INCLUDING REFERENCED MATERIAL SPECIFICATIONS, AASHTO LRFD GUIDE SPECIFICATIONS FOR THE DESIGN OF PEDESTRIAN BRIDGES.

THE PEDESTRIAN TRUSS SUPERSTRUCTURE DECK UNITS SHALL CONSIST OF A FULLY WELDED ENCASED BOX FRAME INCLUDING THE WALKING SURFACE. ALL HARDWARE SHALL BE STAINLESS STEEL TYPE 304. INSULATING WASHERS SHALL BE PROVIDED WHERE STAINLESS STEEL AND ALUMINUM CONTACT IS ANTICIPATED TO MINIMIZE THE POTENTIAL FOR GALVANIC ACTION.

THE PEDESTRIAN TRUSS SUPERSTRUCTURE SHALL INCORPORATE A PEDESTRIAN RAIL (SPECIAL) CONSISTING OF VERTICAL PICKETS, A GRASPABLE TOP RAIL, AND CURB BOTTOM RAIL, WHICH SHALL MINIMIZE CLIMBING HAZARDS AND SERVE THE FUNCTION OF GUARD, HAND, AND TOE RAIL. THE RAIL SYSTEM SHALL MEET ALL THE DIMENSIONAL REQUIREMENTS OF THE AMERICAN WITH DISABILITIES ACT (ADA).

- TOP OF TOP RAIL SHALL NOT BE LESS THAN 42" ABOVE THE FINISHED DECK.
- CLEAR OPENING BETWEEN PICKETS SHALL REJECT THE PASSAGE OF A 4" DIAMETER SPHERE FULL HEIGHT OF THE RAILING.
- CLEAR OPENING BETWEEN BOTTOM RAIL AND FINISHED DECK SHALL REJECT THE PASSAGE OF A 2" DIAMETER SPHERE.
- GRASPABLE PORTION OF TOP RAIL SHALL BE ROUND WITH A 1 1/4" TO 2" OD OR EQUIVALENT GRIPPING SURFACE.
- ENDS OF HANDRAILS SHALL BE RETURNED SMOOTHLY TO FLOOR OR POSTS.
- A 1.5" CLEAR DISTANCE BETWEEN OBSTRUCTIONS AND TOP RAIL MUST BE MAINTAINED.
- ALL GEOMETRY IS TO BE SMOOTH WITH NO SHARP CORNERS.

PEDESTRIAN TRUSS SUPERSTRUCTURE DESIGN LOADS:

UNIFORMLY DISTRIBUTED LIVE LOAD OF 90 POUNDS PER SQUARE FOOT.

2,500 POUND VEHICLE, 60% ON THE REAR AXLE AND 40% ON THE FRONT AT A MAXIMUM WHEEL BASE OF 6 FEET.

WIND LOADS - HORIZONTAL WIND LOAD OF 35 POUNDS PER SQUARE FOOT, APPLIED TO THE FULL VERTICAL PROJECTED AREA OF THE PEDESTRIAN TRUSS SUPERSTRUCTURE AS IF ENCLOSED, OVERTURNING WIND LOAD APPLIED AT THE WINDWARD QUARTER POINT OF THE TRANSVERSE SUPERSTRUCTURE WIDTH OF 20 POUNDS PER SQUARE FOOT OF DECK.

THE TOP CHORD, TOP RAIL, AND VERTICAL POSTS SHALL BE DESIGNED FOR A SIMULTANEOUS VERTICAL AND HORIZONTAL LOAD OF 50 POUNDS PER LINEAR FOOT OR A 200 POUND POINT LOAD VERTICAL PICKETS 200 POUND POINT LOAD APPLIED TRANSVERSELY OVER AN AREA OF 1 SQUARE FOOT.

FASTENERS SHALL BE TYPE 304 STAINLESS STEEL. ANY INSTALLATION OF ALUMINUM AGAINST CONCRETE OR POTENTIALLY CORROSIVE INSTALLATION OF DISSIMILAR METALS SHALL BE PROPERLY ISOLATED.

NO FIELD WELDING IS PERMITTED EXCEPT AS SPECIFIED IN THE CONTRACT DOCUMENTS.

REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.

THE ORGANIC ZINC RICH PRIMER/EPOXY/URETHANE PAINT SYSTEM SHALL BE USED FOR PAINTING OF NEW STRUCTURAL STEEL EXCEPT WHERE OTHERWISE NOTED. THE ENTIRE SYSTEM SHALL BE SHOP APPLIED, WITH THE EXCEPTION OF THE EXTERIOR SURFACE AND THE BOTTOM OF THE BOTTOM FLANGE OF FASCIA BEAMS, MASKED OFF CONNECTION SURFACES, FIELD INSTALLED FASTENERS AND DAMAGED AREAS SHALL BE TOUCHED UP IN THE FIELD. THE COLOR OF THE FINAL FINISH COAT FOR ALL INTERIOR STEEL SURFACES SHALL BE GRAY, MUNSELL NO. 5B 7/1. THE COLOR OF THE FINAL FINISH COAT FOR THE EXTERIOR AND BOTTOM FLANGE OF THE FASCIA BEAMS SHALL BE (GRAY, MUNSELL NO. 5B).

ENVIRONMENTAL COMMITMENTS

- TREES GREATER THAN OR EQUAL TO FIVE INCHES DIAMETER BREAST HEIGHT (DBH) TO BE CUT WITHIN THE PROJECT AREA SHALL BE CLEARLY FLAGGED AND/OR MARKED AND SHALL NOT BE CUT BETWEEN THE DATES OF APRIL 1 - OCTOBER 14.
- THE CONTRACTOR SHALL FOLLOW MEASURES THAT WILL MINIMIZE OFF-SITE IMPACTS TO THE CASPER BLUFF LWR SUCH AS USING EROSION CONTROL BEST MANAGEMENT PRACTICES AND ENSURING THAT EQUIPMENT AND CLOTHING IS FREE OF INVASIVE SEED/PROPAGULES WHEN WORKING ADJACENT TO THE LWR.

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	GRADES CHECKED	
	STRUCTURE	
	NOTATMS CKRD	

PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	GRADES CHECKED	
	STRUCTURE	
	NOTATMS CKRD	

USER NAME = NIIFR1CHTER	DESIGNED -- --	REVISED -- --
	DRAWN -- NOAH HOFRICHTER	REVISED -- --
PLOT SCALE = --	CHECKED -- --	REVISED -- --
PLOT DATE = 9/1/2016 11:11 AM	DATE -- --	REVISED -- --



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GALENA RIVER TRAIL PHASE 3 GENERAL NOTES			
SCALE: N/A	SHEET 4	OF 69 SHEETS	STA. --- TO STA. ---

FILE NAME = P:\12\028\028-01\Drawings\Civil\12028_general sheets
SHEET NAME G1.04

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route	10-00046-00-BT	JO DAWESS	58	5
ILLINOIS FED. AID PROJECT			CONTRACT NO. -----	

PROJECT QUANTITIES - STRUCTURES									
STRUCTURE	#50200400	#50200100	#207001010	X0325279	#X0322508	#X5090810	#50800205	#Z0046304	#X6640585
	*ROCK EXCAVATION STRUCTURES CY	*STRUCTURE EXCAVATION CY	POROUS GRANULAR EMBANKMENT BACKFILL TONS	CLASS SI CONCRETE CY	PEDESTRIAN TRUSS SUPERS STRUCTURE SF	PEDESTRIAN RAIL (SPECIAL) FT	REINFORCING BARS EPOXY COATED LBS	PIPE UNDERDRAIN FOR STRUCTURE, 4 FT	CHAIN LINK FENCE, ATTACHED TO STRUCTURE, SPECIAL FT
ELEVATED WALKWAY #1					1360.0	340.0			
ABUTMENTS	13.3	53.4	107.6	16.3			2022	26	12
PIERS	0.9	7.4		13.8			2403		
ELEVATED WALKWAY #2					240.0	60.0			
ABUTMENTS	15.8	63.1	181.7	22.7			2643	26	8
PIERS	0.1	0.9		2.2			374		
ELEVATED WALKWAY #3					3355.0	838.7			
ABUTMENTS	16.1	64.1	114.2	17.4			2136	26	12
PIERS	3.2	34.9		46.9			7427		
ELEVATED WALKWAY #4									
ABUTMENTS	19.4	77.2	125.7	20.4	191.4	27.3	2514	37	16
TOTALS	68.9	301.1	529.2	139.7	5146.3	1266.1	19519	115	48

*ROCK EXCAVATION BASED ON 6" EMBEDMENT INTO SOUND ROCK AT PIERS. ABUTMENT EXCAVATION BASED ON DEPTH AT CENTER OF ABUTMENT, 20% ROCK EXCAVATION AND 80% STRUCTURE EXCAVATION. ROCK EXCAVATION AND STRUCTURE EXCAVATION BID ITEMS ALSO UTILIZED FOR EXCAVATION AT RETAINING WALLS. SEE SUMMARY OF EARTHWORK QUANTITIES FOR TOTALS FOR THESE TWO ITEMS.

** ADDITIONAL QUANTITY OF PIPE UNDERDRAIN FOR STRUCTURE AND CHAIN LINK FENCE, ATTACHED TO STRUCTURE, SPECIAL UTILIZED FOR RETAINING WALLS. SEE TABULATION OF RETAINING WALL ITEMS.

TABULATION OF RETAINING WALL ITEMS				
LOCATION/WALL STRUCTURE	XZ127902	20700110	Z0046304	X6640585
	RETAINING WALL SPECIAL SQ FT	POROUS GRANULAR EMBANKMENT* TON	PIPE UNDERDRAIN FOR STRUCTURES, 4" * FOOT	CHAIN LINK FENCE, ATTACHED TO STRUCTURE, SPECIAL * FOOT
1-N	860	120	109	-
1-S	909	130	109	109
2-N	470	66	72	-
2-S	647	110	72	72
3-N	3047	427	350	-
UNDISTRIBUTED	-	85	71	-
TOTAL	5933	938	783	181

*ADDITIONAL POUROUS GRANULAR EMBANKMENT MATERIAL, PIPE UNDERDRAIN FOR STRUCTURES, AND CHAIN LINK FENCE, ATTACHED TO STRUCTURE, SPECIAL UTILIZED AT ABUTMENTS. SEE TABULATION "PROJECT QUANTITIES - STRUCTURES" FOR ADDITIONAL QUANTITY.

LOCATION	31101900	35101400	40200800
	SUBBASE GRANULAR MATERIAL TYPE C TON	AGGREGATE BASE COURSE TYPE B TON	AGGREGATE SURFACE COURSE TYPE B TON
STA 202+02 TO STA 204+29	-	60	20
STA 205+97 TO STA 206+92	-	20	7
STA 207+40 TO STA 208+08	-	14	5
STA 212+45 TO STA 242+40	-	619	254
STA 242+54 TO STA 245+00	-	65	22
UNDISTRIBUTED	240	78	31
TOTALS	240	855	338

LOCATION	542D0217	60107600
	PIPE CULVERTS, CLASS D, TYPE 1 12" FOOT	PIPE UNDERDRAINS, 4" FOOT
203+83.30	30	-
237+50 TO 242+40	-	490
242+50 TO 245+00	-	250
TOTAL	30	740

EARTHWORK SCHEDULE

LOCATION	A	B	C	D	E	F	G
	#20200100 EARTH EXCAVATION CUBIC YARD	#20200200 ROCK EXCAVATION CUBIC YARD	EMBANKMENT CUBIC YARD	#50200100 STRUCTURE EXCAVATION (AVAILABLE FOR FILL) CUBIC YARD	#50200400 ROCK EXCAVATION FOR STRUCTURES (AVAILABLE FOR FILL) CUBIC YARD	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE CUBIC YARD	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) CUBIC YARD
STA 202+08 to STA 205+00	92	0	151	20	See Note 1	5	See Note 1
STA 205+00 to STA 212+35	0	0	0	457	See Note 2	214	See Note 2
STA 212+35 to STA 261+00	428	100	478	715	See Note 3	26	See Note 3
Total	520	100	629	1192	See Note 4	245	See Note 4

- A. Quantity from CAD Plans. Does not include Topsoil Excavation.
- B. Rock Excavation Estimated from Cross Sections for area from approximately STA 212+25 - 213+25.
- C. Quantities from CAD Plans.
- D. Quantities from Structure Excavation for abutments, walls, and piers that is available for use in embankment fill.
- E. Quantities from Rock Excavation for Structures for abutments, walls, and piers that is available for use in embankment fill.
- F. Earth Excavation, Rock, Structure Excavation, and Rock Excavation for Structure Quantities to be used as fill material in embankment. Shrinkage factor for earth excavation assumed to be 30%. Rock Excavation shrinkage factor assumed to be 0%. Calculation is: (A+D)*(0.7)+(B+C)=
- G. Material needed or material to waste. Calculation is: (F-C)=

- Notes
- Structure Excavation and Rock Excavation from Abutment #1 and Pier 1, as shown in "Project Quantities - Structures" tabulation.
 - Structure Excavation and Rock Excavation from Abutment #2, 3, 4 & 5, Walls 1-N, 1-S, 2-N, 2-S, and Piers #2-29. Abutment and Pier excavation quantities are as shown in "Project Quantities - Structures" tabulation. Total excavation for Walls 1-N and 1-S is 283 cu yd, of which 73 cu yds is assumed to be Rock Excavation and 210 cu yds is assumed to be Structure Excavation. Total excavation for Walls 2-N and 2-S is 174 cu yd, of which 103 cu yds is assumed to be Rock Excavation and 70 cu yds is considered to be Structure Excavation. Rock Excavation for Walls 1-N, 1-S, 2-N, and 2-S based on assumed rock depth of 3' below the existing ground surface in the area of the walls.
 - Structure Excavation and Rock Excavation from Abutment #6, 7, & 8 and structure excavation only for Wall 3-N. Abutment excavation quantities are shown in "Project Quantities - Structures" tabulation. Total structure excavation for Wall 3-N is 611 cu yd with no Rock Excavation anticipated at this wall location.
 - Totals include the structure and rock excavation tabulated for walkway abutments and piers in "Project Quantities - Structures" as well as quantities for retaining wall excavation.

#25100105 MULCH, METHOD 1				
FROM	TO	DESCRIPTION	FT	SF
BOP	202+08.3	LEFT SHOULDER - NOT UNIFORM		63.1
202+08.3	204+13.47	LEFT & RIGHT SHOULDER X 4'	205.2	820.7
204+13.47	204+23.47	LEFT SHOULDER - NOT UNIFORM		13.33
204+13.47	204+23.47	RIGHT SHOULDER - NOT UNIFORM		13.33
212+50.17	213+25.69	LEFT & RIGHT SHOULDER X 4'	98.7	394.8
213+25.69	216+75.47	RIGHT SHOULDER X 2'	303.7	607.4
216+75.47	221+00	LEFT & RIGHT SHOULDER X 4'	447.4	1789.6
221+00	227+00	ALL DISTURBED AREA OUTSIDE OF 10' TRAIL		4,375.0
227+00	245+00	LEFT SHOULDER X 2'	1800	3,600.0
TOTAL				11677.3
undistributed (20%)				2335.5
43,560 SF / ACRE				0.32 ACRES
ROUND TO				0.5 ACRES

LOCATION	TYPE	SIZE	72000100	72900100
			SIGN PANEL - TYPE 1 SF	METAL POST - TYPE A FOOT
STA 203+00 RT	SPECIAL - SEE C2.10	18" X 24"	3	9
STA 203+50 RT	R12-1, 1 TON LIMIT	12"x18"	1.5	9
STA 213+00 LT	SPECIAL - SEE E.10	18" X 24"	3	9
STA 213+10 LT	R12-1, 1 TON LIMIT	12"x18"	1.5	9
STA 220+00 LT	R5-3, NO MOTOR VEHICLES	24" X 24"	4	9
STA 242+25 RT	R12-1, 1 TON LIMIT	12"x18"	1.5	9
STA 242+35 RT	OM3-L, OBJECT MARKER	6"x18"	0.75	9
STA 242+59 RT	OM3-R, OBJECT MARKER	6"x18"	0.75	9
STA 242+75 LT	R12-1, 1 TON LIMIT	12"x18"	1.5	9
TOTAL			17.5	81

SEEDING, CLASS 2 #25000200 FERTILIZER #25000400, 25000500, 25000600				
FROM	TO	DESCRIPTION	FT	SF
BOP	202+08.3	LEFT SHOULDER - NOT UNIFORM		63.1
202+08.3	204+13.47	LEFT & RIGHT SHOULDER X 4'	205.2	820.7
204+13.47	204+23.47	LEFT SHOULDER - NOT UNIFORM		13.33
204+13.47	204+23.47	RIGHT SHOULDER - NOT UNIFORM		13.33
212+50.17	213+25.69	LEFT & RIGHT SHOULDER X 4'	98.7	394.8
213+25.69	216+75.47	RIGHT SHOULDER X 2'	303.7	607.4
216+75.47	221+00	LEFT & RIGHT SHOULDER X 4'	447.4	1789.6
221+00	227+00	ALL DISTURBED AREA OUTSIDE OF 10' TRAIL		4,375.0
227+00	245+00	LEFT SHOULDER X 2'	1800	3,600.0
EROSION CONTROL BLANKET - 1439.9 SY				12,959.1
TURF REINFORCED MAT - 1119.2 SY				10,072.8
TOTAL				34709.2
undistributed (20%)				6941.8
43,560 SF / ACRE				0.96 ACRES
ROUND TO				1.0 ACRES
FERTILIZER - 90 LBS / ACRE (0.96 AC X 90)				= 86.4 LBS
ROUND TO				= 87 LBS

EROSION CONTROL BLANKET #25100630		
FROM	TO	SY
202+08 L	203+50 L	193.7
202+20 R	204+68 R	260.1
205+92 R	207+11 R	47.4
207+39 R	208+27 R	38.3
212+45 R	213+50 R	79.8
212+60 L	213+26 L	61.6
213+50 R	221+00 R	464.4
216+75 L	217+60 L	164.1
217+60 L	221+00 L	130.5
SUBTOTAL		1439.9
undistributed (20%)		288.0
Rounded Total		1728

PERIMETER EROSION BARRIER #28000400		
FROM	TO	FT
202+20	204+66	263.1
205+91	207+25	139.0
207+37	208+37	104.1
212+41	221+00	859.3
224+06	224+47	44.0
225+75	231+67	592.1
230+48	231+03	62.5
TOTAL		2064.1
undistributed (10%)		206.4
ROUND TO		2271

TURF REINF. MAT #25100900		
FROM	TO	SY
203+46	212+60	1041.8
213+26	216+75	77.4
TOTAL		1119.2
undistributed (10%)		111.9
ROUND TO		1231

TOPSOIL EXCAVATION AND PLACEMENT #21101505				
FROM	TO	DESCRIPTION	SF	CF
201+70	204+69	CONSTRUCTION LIMITS	8826.8	4413.4
205+88	207+27	CONSTRUCTION LIMITS	2699	1349.5
207+37	208+38	CONSTRUCTION LIMITS	1894.3	947.15
212+39	215+00	CONSTRUCTION LIMITS	56199.2	28099.6
TOTAL			69619.3	34,809.65
CY				1288.0

USER NAME = NHOFRICHTER	DESIGNED -- --	REVISED -- --
	DRAWN -- NOAH HOFRICHTER	REVISED -- --
PLOT SCALE = --	CHECKED -- --	REVISED -- --
PLOT DATE = 8/29/2016 7:54 AM	DATE -- --	REVISED -- --

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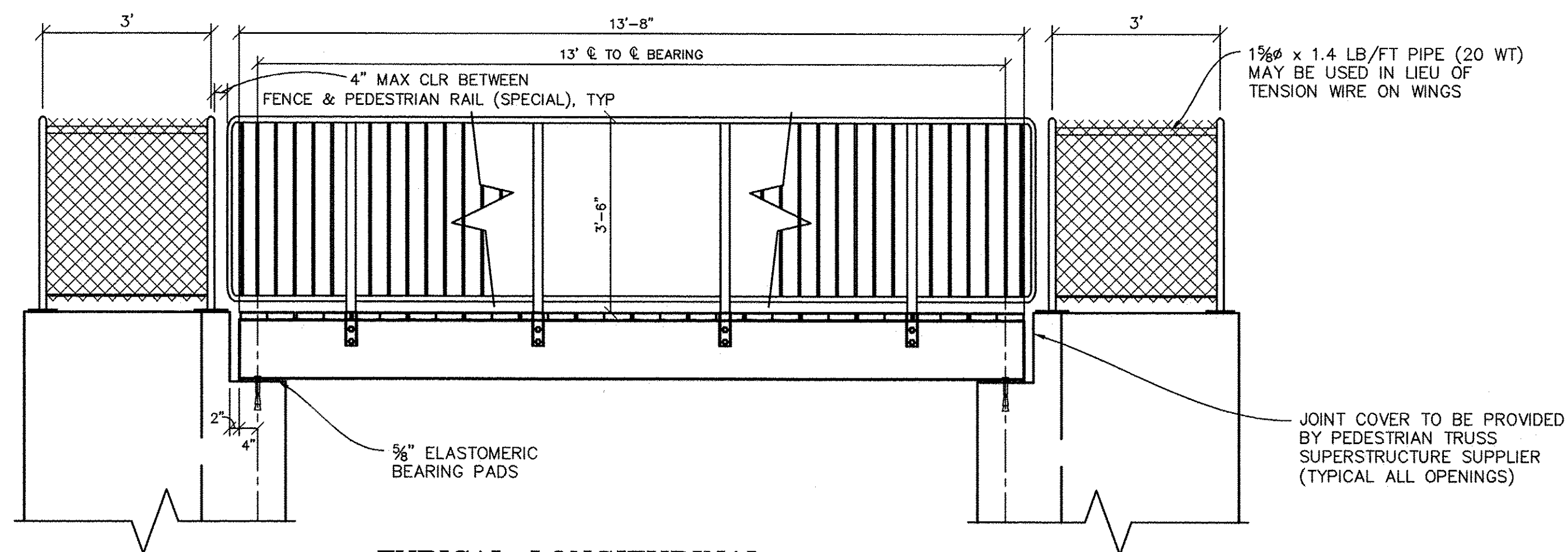
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GALENA RIVER TRAIL PHASE 3 SCHEDULE OF QUANTITIES		
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FILE NAME = P:\12\028\028-01\Drawings\Civil\12028_general sheets	SHEET NAME G1.05
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route	10-00046-00-BT	JO DAVIESS	69	9
CONTRACT NO. -----			ILLINOIS FED. AID PROJECT	

PLAN	DATE
SURVEYED	BY
PLOTTED	BY
GRAPHS CHECKED	BY
STRUCTURE NOTATION CHECKED	BY
NOTE BOOK NO.	CADD FILE NAME

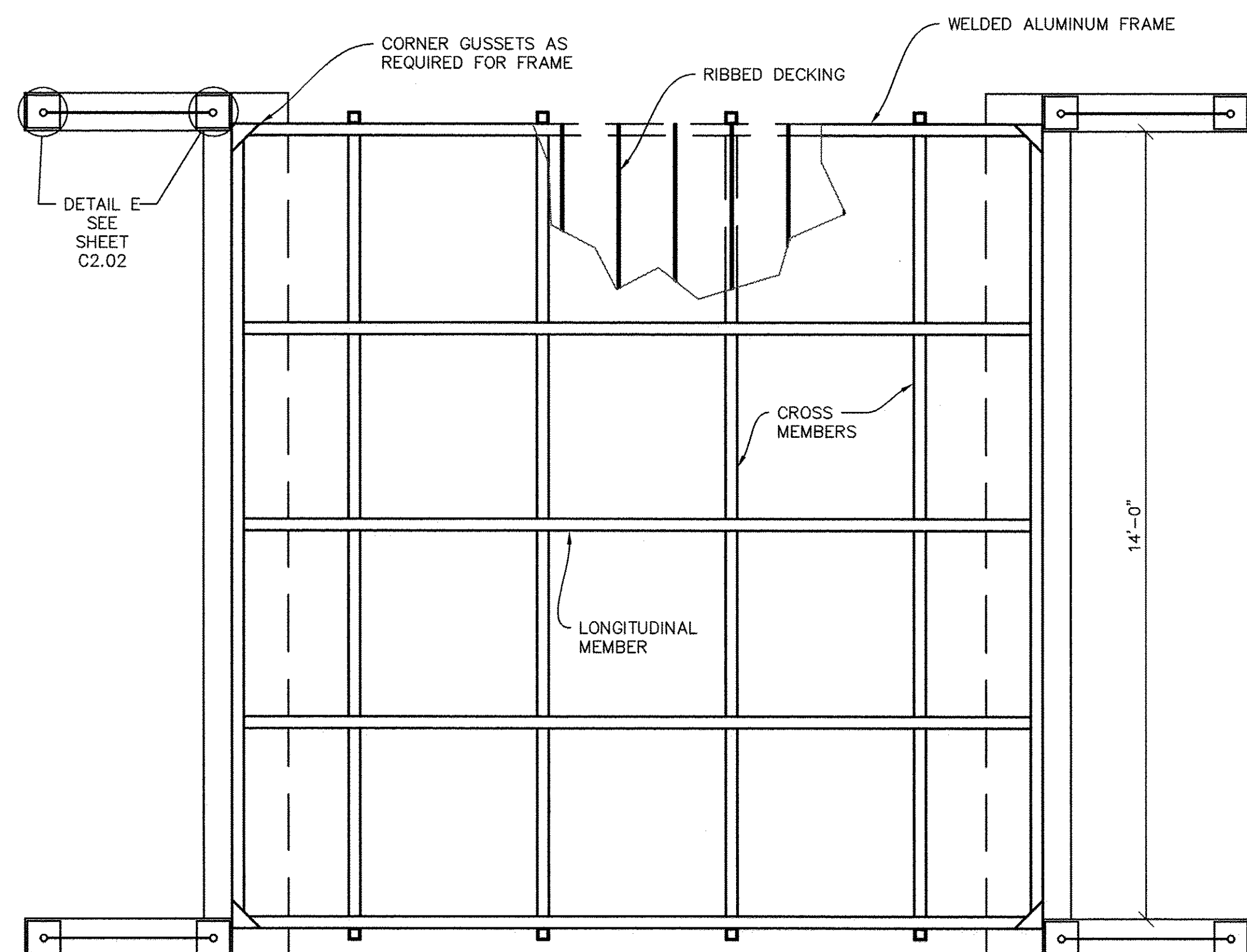


TYPICAL LONGITUDINAL SECTION - 13'-8" SPAN

STATION 242+46.93
 11x17 SCALE: 1/4" = 1'-0"
 22x34 SCALE: 1/8" = 1'-0"

RAILING POST SPACING, PEDESTRIAN TRUSS SUPERSTRUCTURE CROSS MEMBER AND LONGITUDINAL MEMBER SIZING AND SPACING TO BE DETERMINED BY MANUFACTURER.

PROFILE	DATE
SURVEYED	BY
PLOTTED	BY
GRAPHS CHECKED	BY
STRUCTURE NOTATION CHECKED	BY
NOTE BOOK NO.	CADD FILE NAME



FRAMING PLAN - 13'-8" SPAN

STATION 242+46.78
 11x17 SCALE: 1/4" = 1'-0"
 22x34 SCALE: 1/8" = 1'-0"

USER NAME = NHOFRICHTER	DESIGNED ---	REVISED ---
	DRAWN --- NOAH HOFRICHTER	REVISED ---
PLOT SCALE = ---	CHECKED ---	REVISED ---
PLOT DATE = 8/29/2016 7:55 AM	DATE ---	REVISED ---

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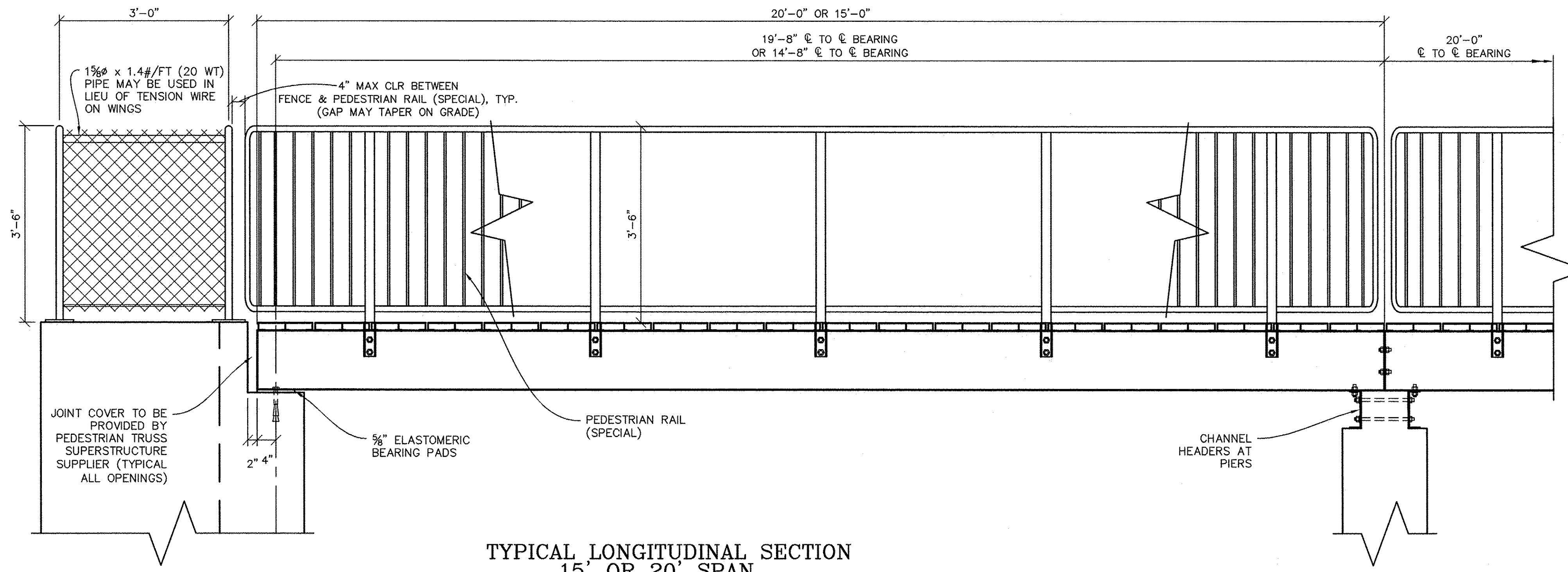
STATE OF ILLINOIS
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GALENA RIVER TRAIL PHASE 3
 DETAILS-PEDESTRIAN TRUSS SUPERSTRUCTURE & PEDESTRIAN RAIL (SPECIAL)
 SCALE: SEE DETAIL SHEET 9 OF 69 SHEETS STA. --- TO STA. ---

FILE NAME = P:\12\028\028-01\Drawings\Civil\12028_details

SHEET NAME C2.04

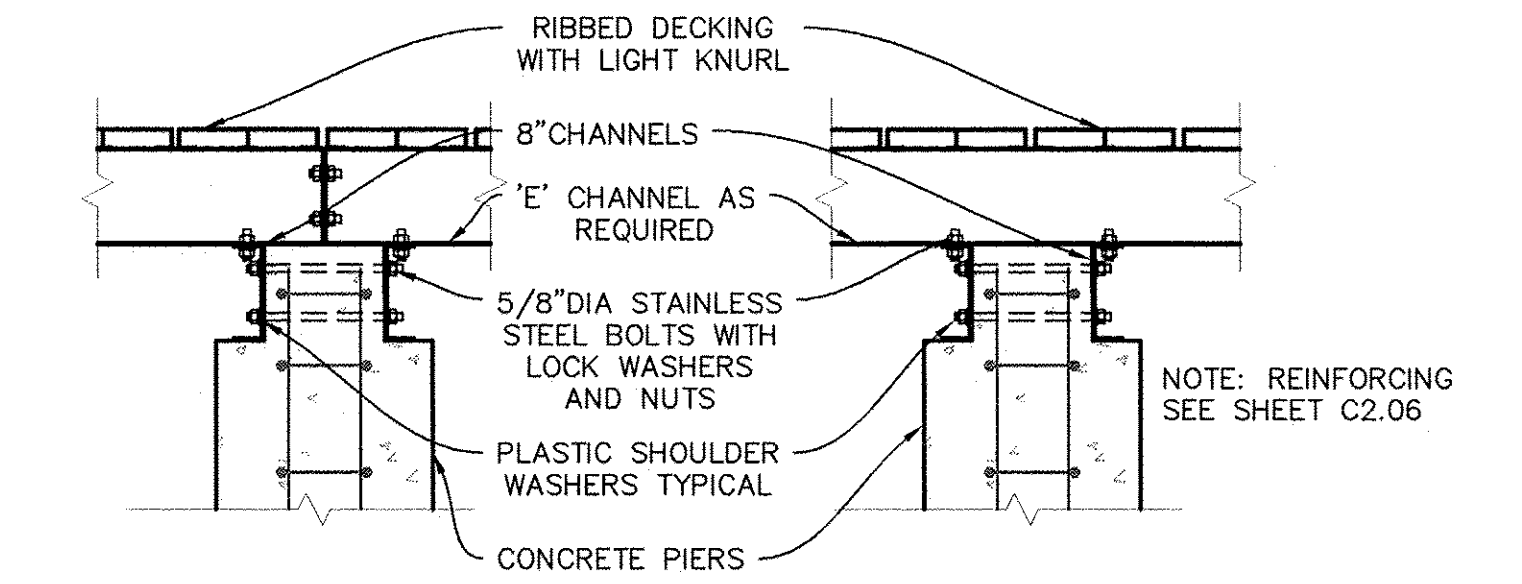
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Route 10-00046-00-BT		JO DAVIESS	69	10
CONTRACT NO. -----				
ILLINOIS FED. AID PROJECT				



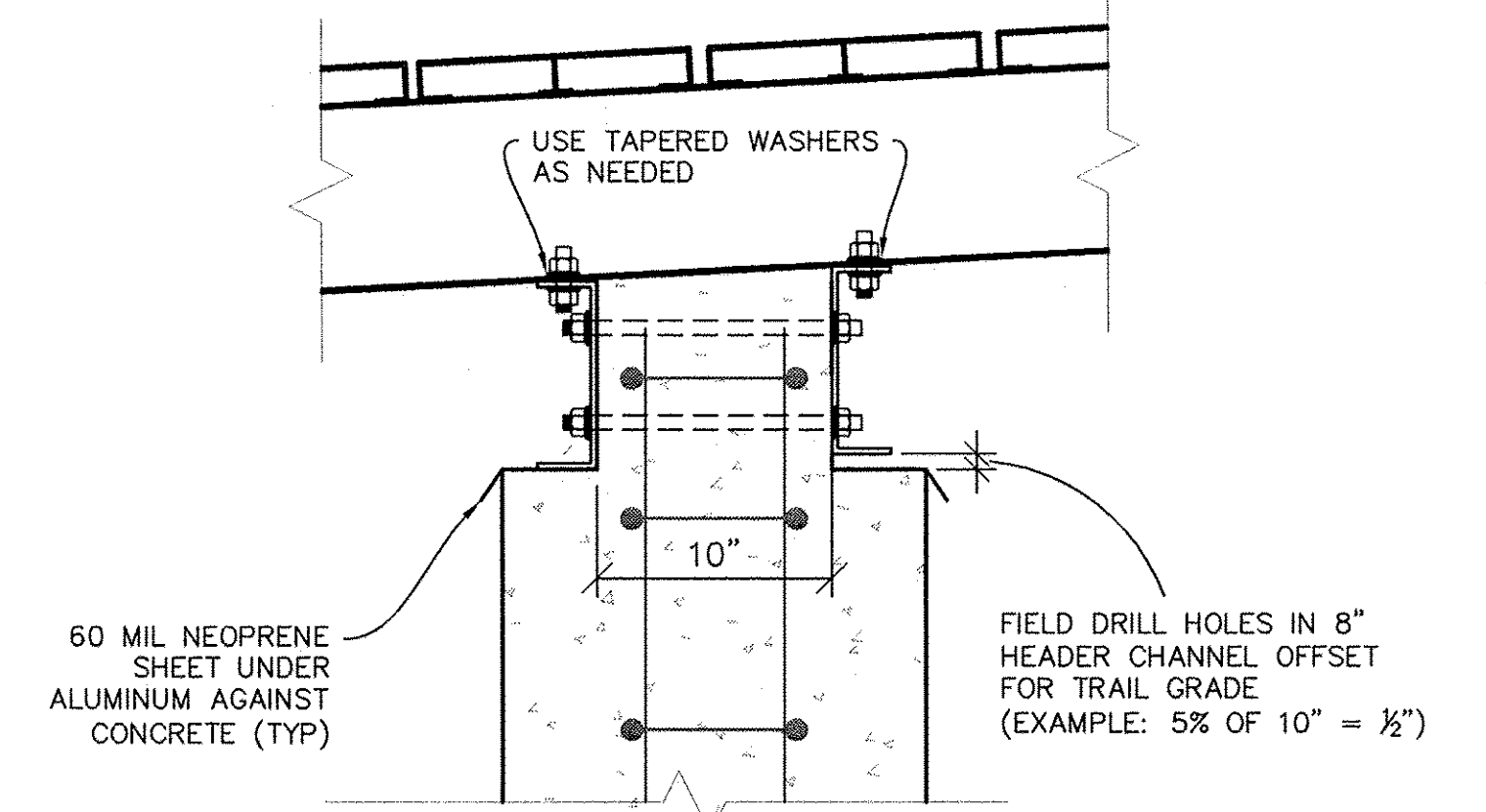
TYPICAL LONGITUDINAL SECTION
15' OR 20' SPAN

11x17 SCALE: 3/8" = 1'-0"
22x34 SCALE: 3/4" = 1'-0"

RAILING POST SPACING, PEDESTRIAN TRUSS SUPERSTRUCTURE CROSS MEMBER AND LONGITUDINAL MEMBER SIZING AND SPACING TO BE DETERMINED BY MANUFACTURER.

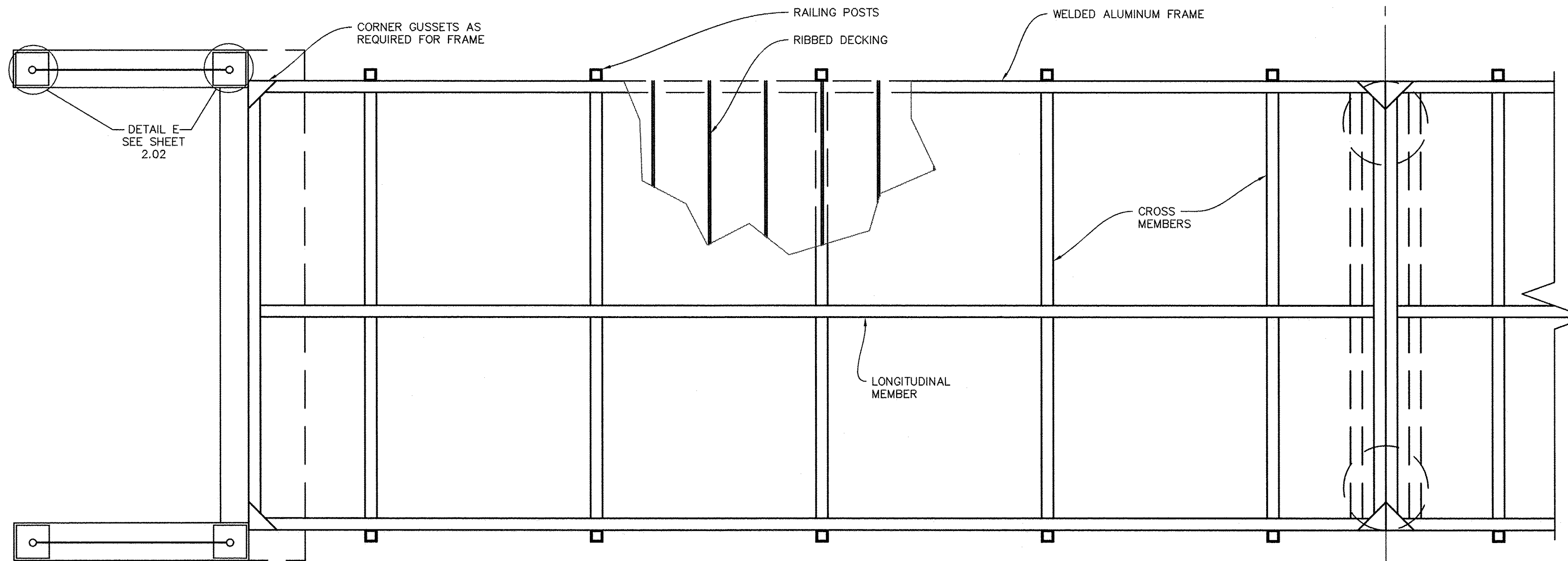


PEDESTRIAN TRUSS SUPERSTRUCTURE JOINT AT PIER
NO PEDESTRIAN TRUSS SUPERSTRUCTURE JOINT AT PIER



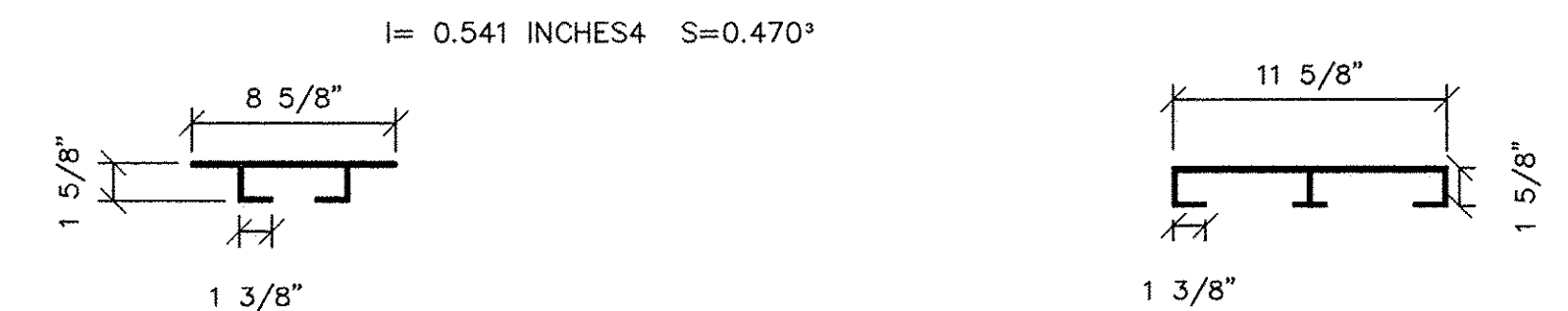
PEDESTRIAN TRUSS SUPERSTRUCTURE ON PROFILE GRADE
CHANNEL HEADERS AT PIERS

11x17 SCALE: 3/8" = 1'-0"
22x34 SCALE: 3/4" = 1'-0"



FRAMING PLAN
TYP 15' OR 20' SECTION

11x17 SCALE: 3/8" = 1'-0"
22x34 SCALE: 3/4" = 1'-0"



RIBBED DECKING SECTION ALTERNATE ALLOWABLE RIBBED DECKING SECTION

NOTE: LIGHT KNURL TO RUN PERPENDICULAR TO RIBS
11x17 SCALE: 3/4" = 1'-0" 22x34 SCALE: 1 1/2" = 1'-0"
11x17 SCALE: 3/4" = 1'-0" 22x34 SCALE: 1 1/2" = 1'-0"

PLAN	DATE
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NO.	

PROFILE	DATE
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STRUCTURE NOTATIONS CHKO	
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USER NAME = NHOFRICHTER	DESIGNED ---	REVISED ---
	DRAWN --- NOAH HOFRICHTER	REVISED ---
PLOT SCALE = ---	CHECKED ---	REVISED ---
PLOT DATE = 8/29/2016 7:55 AM	DATE ---	REVISED ---

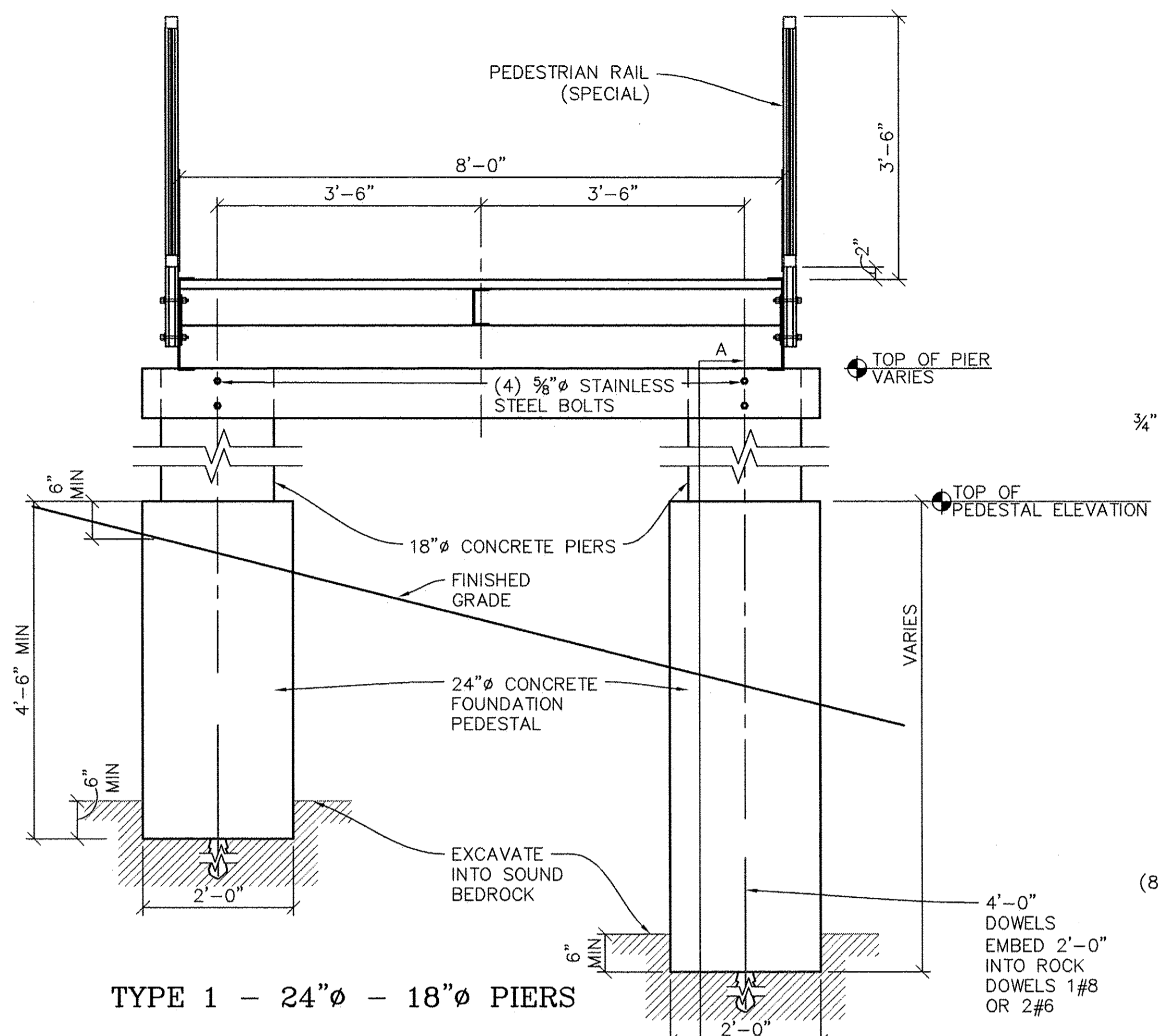
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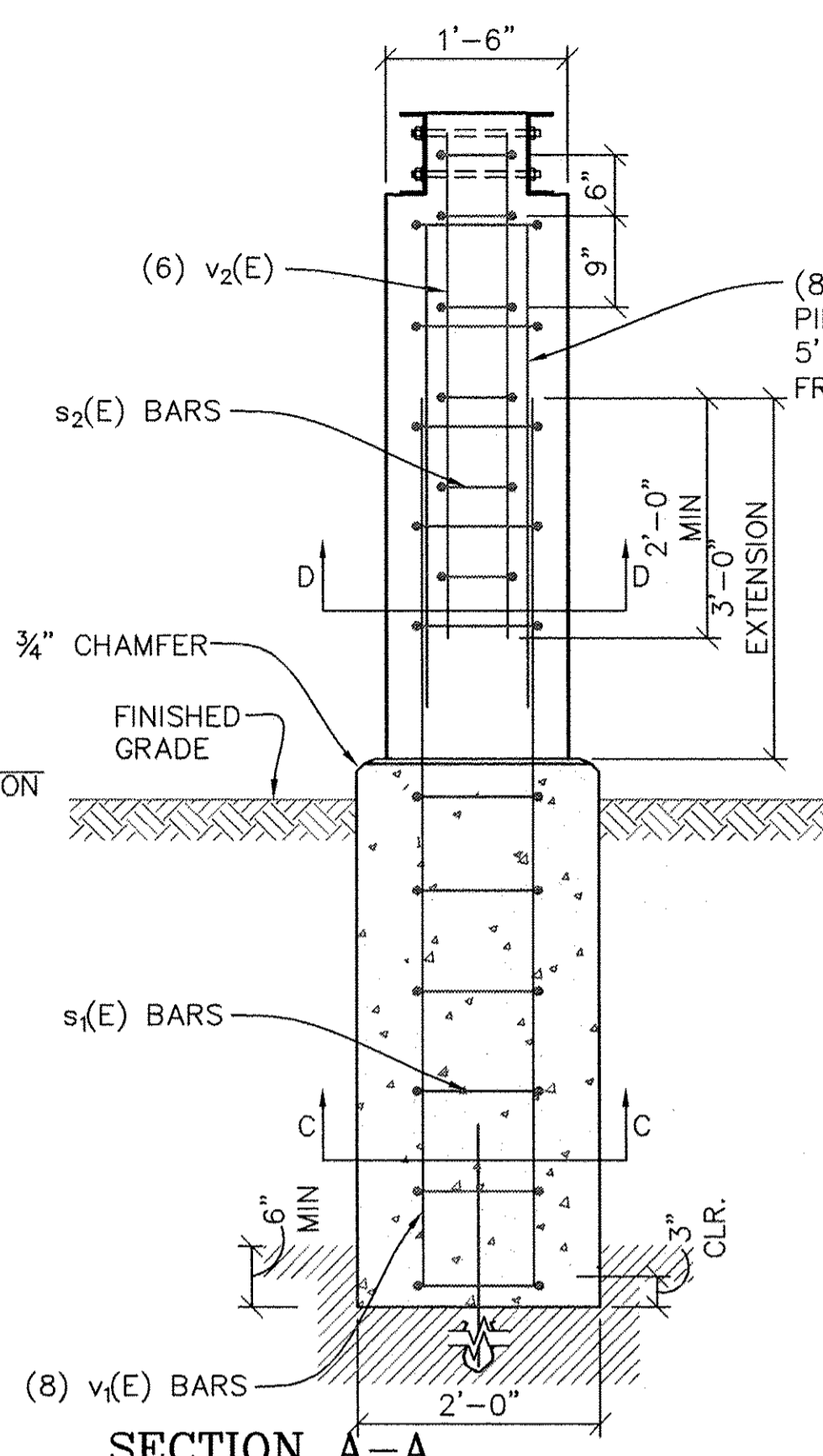
GALENA RIVER TRAIL PHASE 3
DETAILS-PEDESTRIAN TRUSS SUPERSTRUCTURE & PEDESTRIAN RAIL (SPECIAL)
SCALE: SEE DETAIL SHEET 10 OF 69 SHEETS STA. -- TO STA. --

FILE NAME = P:\12\028\028-01\Drawings\Civil\12028_details
SHEET NAME C2.05

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route 10-00046-00-BT		JO DAVIESS	69	11
CONTRACT NO. -----				
ILLINOIS FED. AID PROJECT				

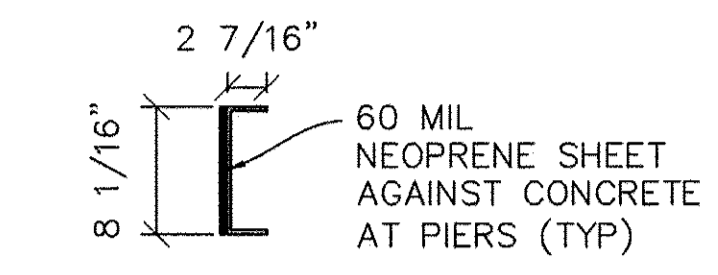


TYPE 1 - 24"Ø - 18"Ø PIERS

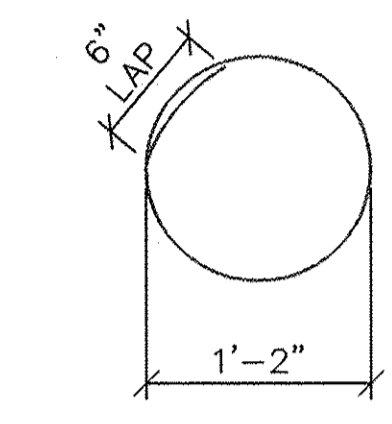


SECTION A-A
TYPE 1
PIER ONLY

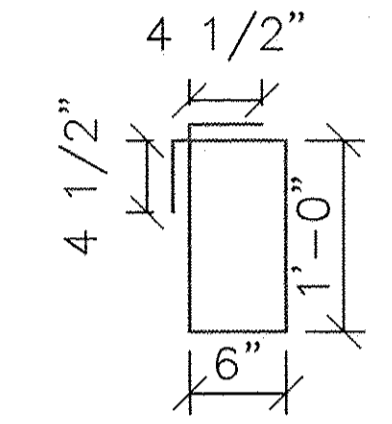
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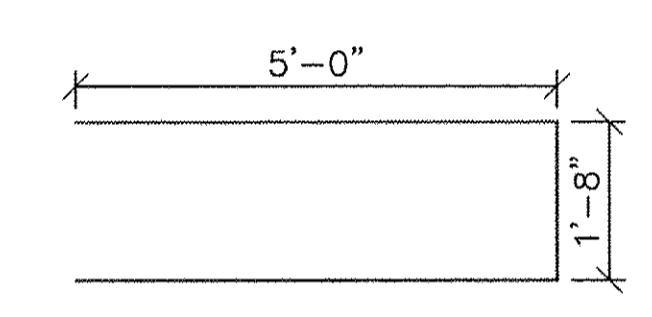
8" HEADER CHANNEL



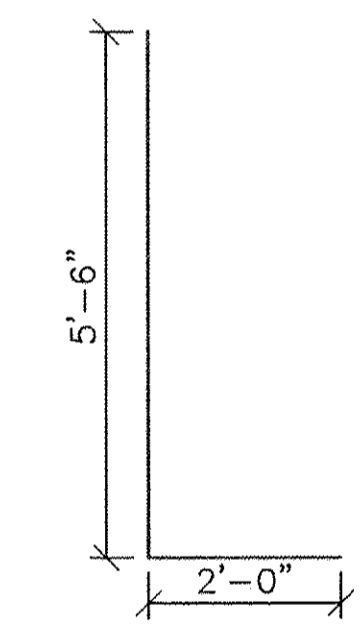
BAR s₁(E)



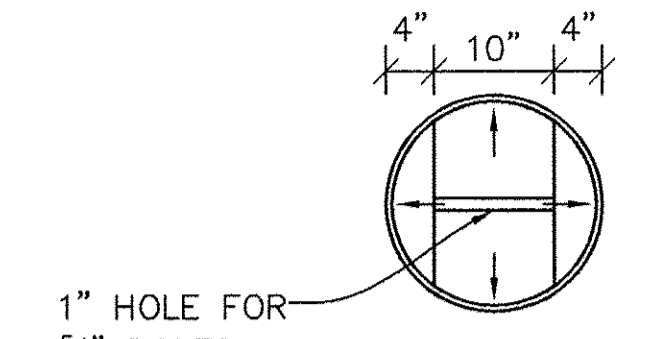
BAR s₂(E)



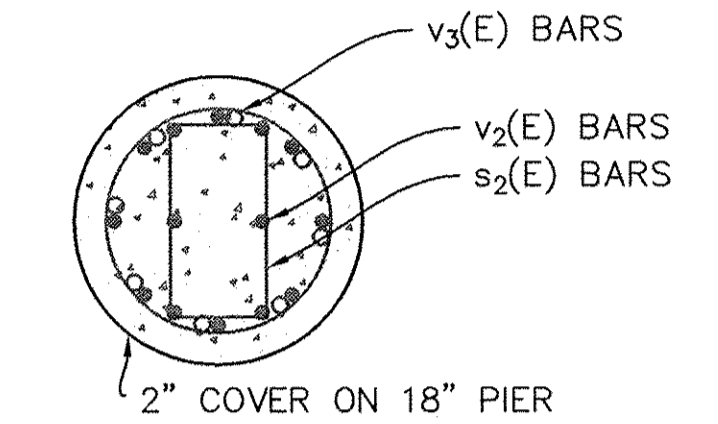
BAR h₂(E)



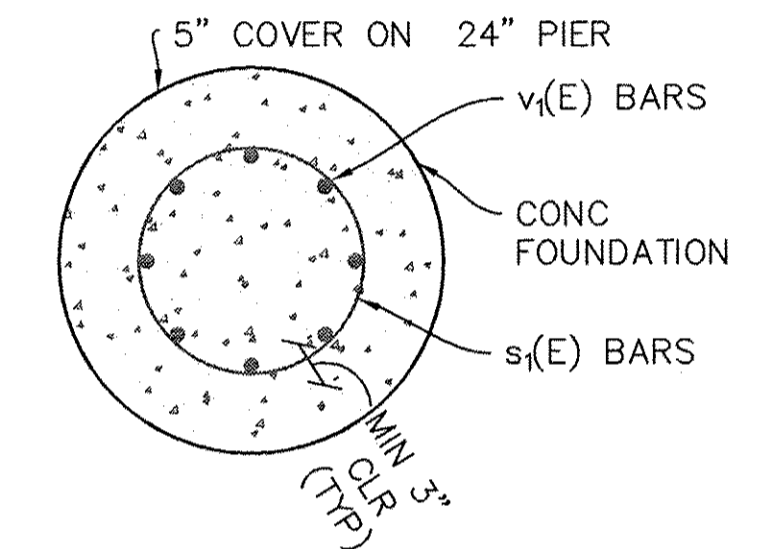
BAR v₁(E)



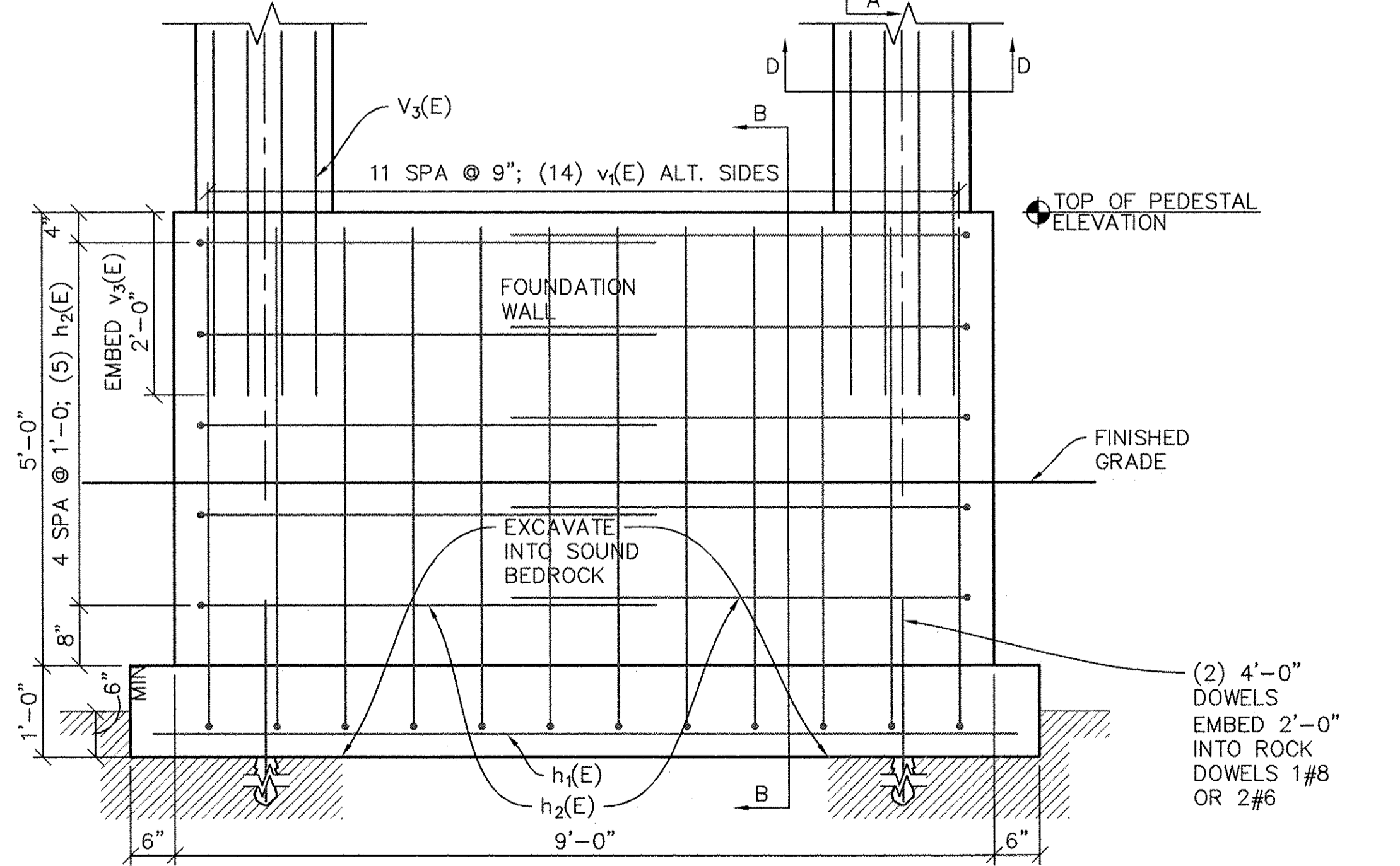
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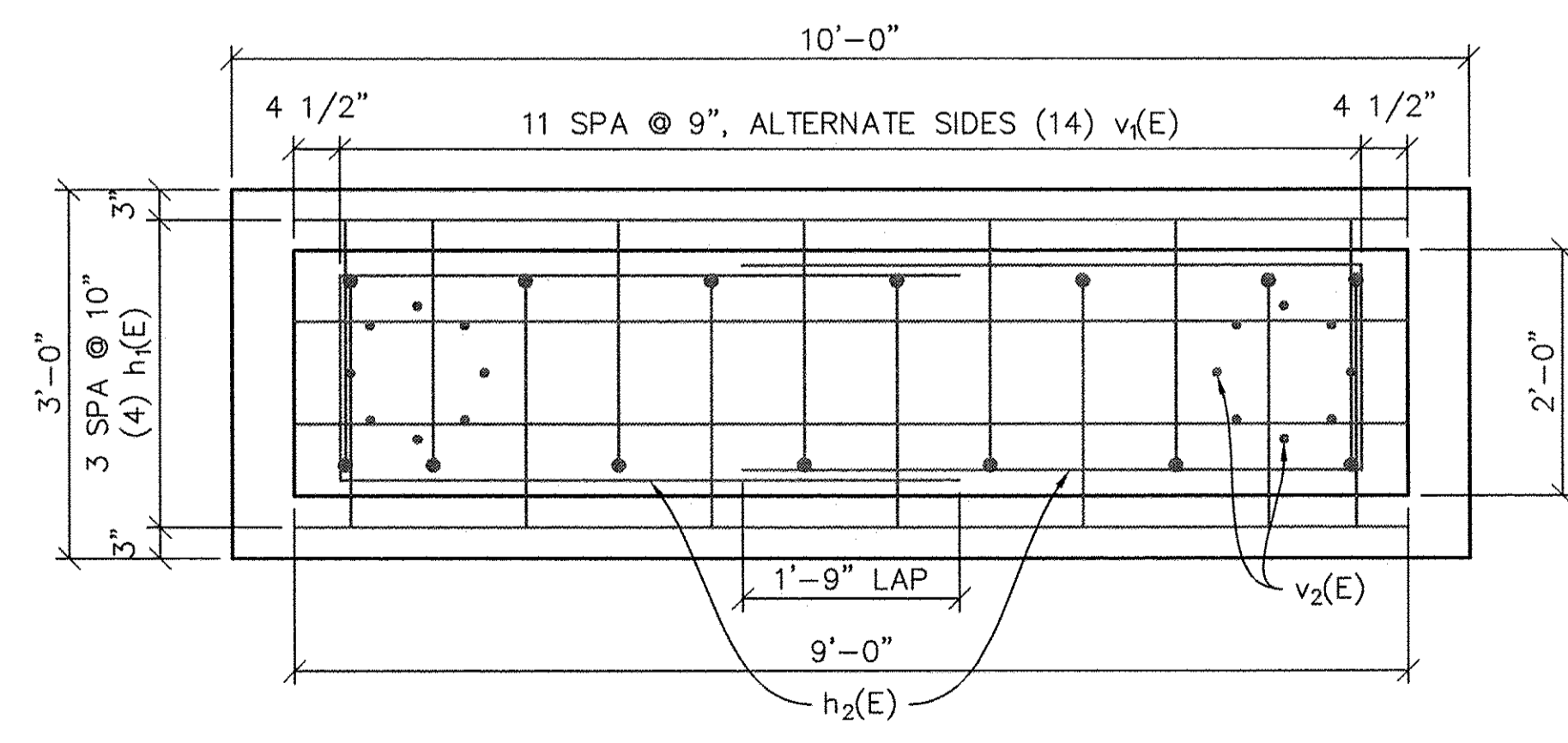
SECTION D-D
18"Ø PIER



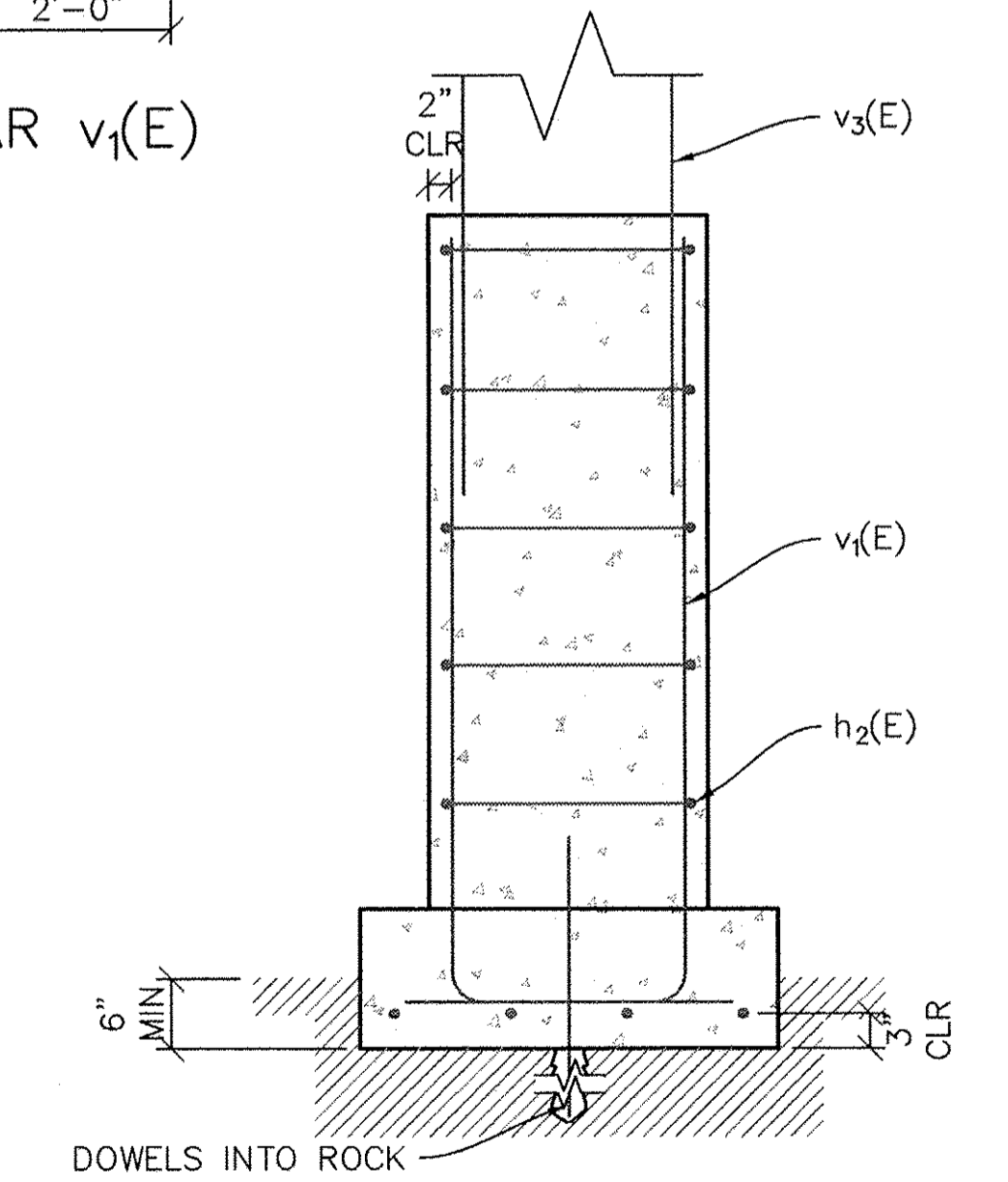
SECTION C-C
24"Ø PIER



TYPE 2 - CONCRETE FOOTING, WALL - 18"Ø PIERS (STA 211+85 AND 212+05)
ELEVATION



TYPE 2 PIER ONLY - PLAN



SECTION B-B
TYPE 2
PIER ONLY

DATE	
BY	
REVISIONS	
NO. DATE	
PLAN	
REVISED	
NOTED	
PLotted	
NO. DATE	

DATE	
BY	
REVISIONS	
NO. DATE	
PROFILE	
REVISED	
NOTED	
PLotted	
NO. DATE	

USER NAME = NHOFRICHTER
PLOT SCALE = ---
PLOT DATE = 8/29/2016 7:55 AM

DESIGNED ---	REVISED ---
DRAWN --- NOAH HOFRICHTER	REVISED ---
CHECKED ---	REVISED ---
DATE ---	REVISED ---

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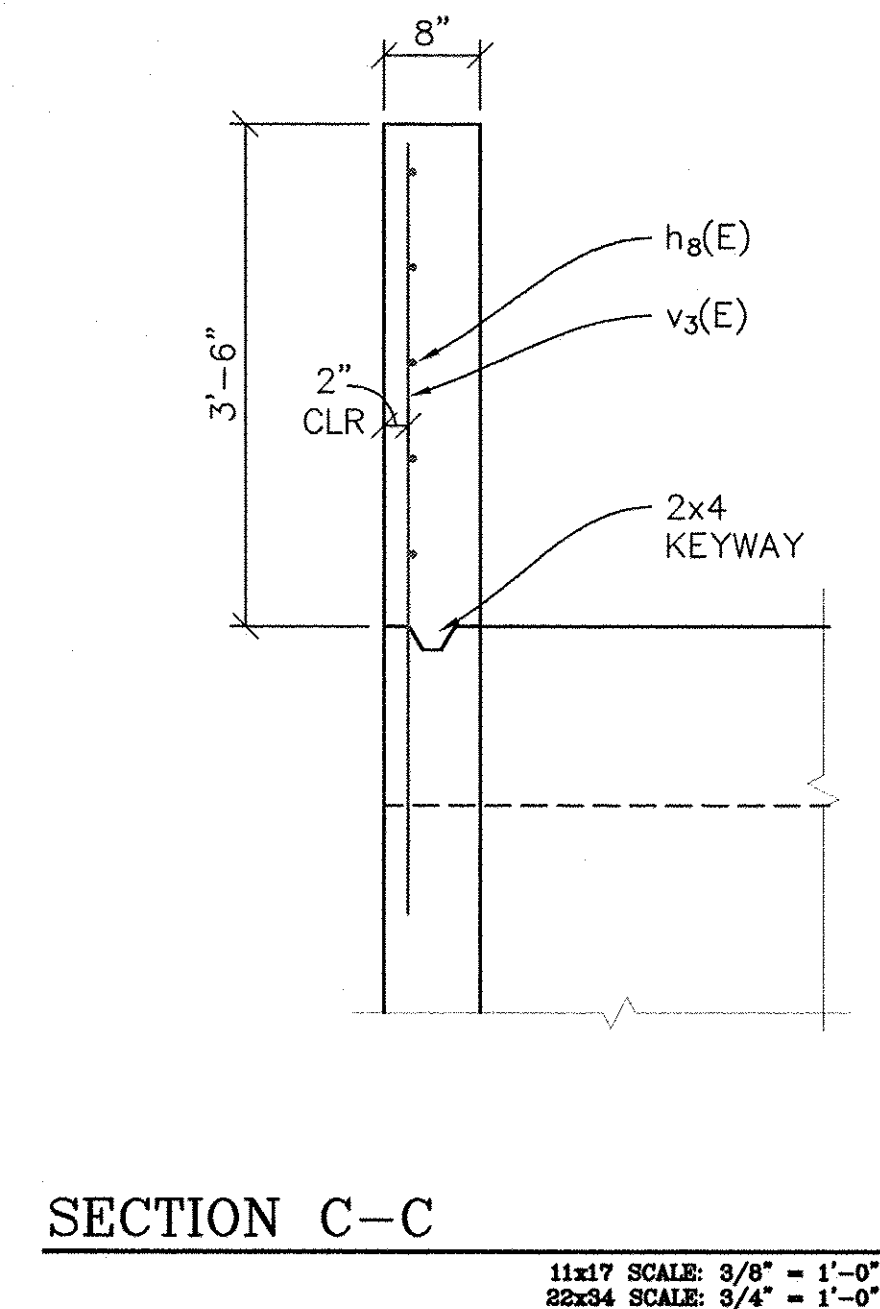
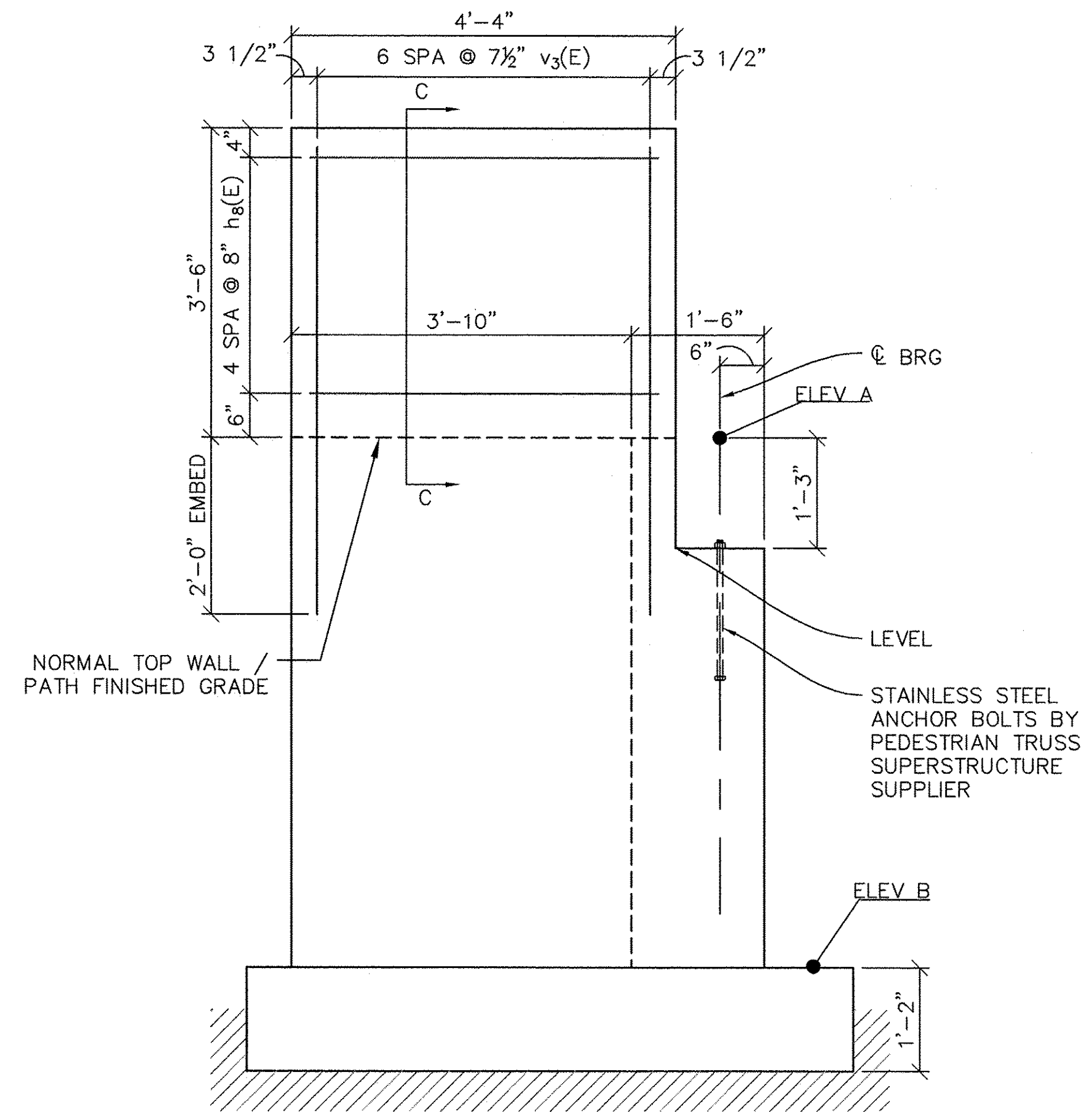
GALENA RIVER TRAIL PHASE 3
DETAILS
SCALE: SEE DETAIL SHEET 11 OF 69 SHEETS STA. --- TO STA. ---

FILE NAME = P:\12\028\028-01\Drawings\Civil\12028_details
SHEET NAME C2.06

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route 10-00046-00-BT		JO DAVESS	69	13
ILLINOIS FED. AID PROJECT			CONTRACT NO. -----	

PLAN	DATE
SURVEYED	
ALIGNED	
CHECKED	
RT. OF WAY CHECKED	
CADD FILE NAME	

PROFILE	DATE
SURVEYED	
GRADES CHECKED	
B.M. NOTED	
STRUCTURE NOTATIONS CHRD	



WING RETAINING WALL ON ABUTMENT

11x17 SCALE: 3/8" = 1'-0"
22x34 SCALE: 3/4" = 1'-0"

WINGS AT ABUTMENT 2 LT, 3 LT, 4 LT, 5 LT HAVE THE WING EXTENSIONS SHOWN ABOVE TO RETAIN THE EARTH FILL ON UPHILL SIDE OF THE TRAIL ADJACENT TO RETAINING WALLS AND ACT AS A BARRIER. SEE TABLE OF ABUTMENT ELEVATIONS SHEET C2.07

USER NAME = NHOFRICHTER	DESIGNED ---	REVISED ---
	DRAWN -- NOAH HOFRICHTER	REVISED ---
PLOT SCALE ---	CHECKED ---	REVISED ---
PLOT DATE = 8/29/2016 7:56 AM	DATE ---	REVISED ---

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DEPARTMENT OF TRANSPORTATION

GALENA RIVER TRAIL PHASE 3 DETAILS	
SCALE: SEE DETAIL	SHEET 13 OF 69 SHEETS STA. --- TO STA. ---

FILE NAME = P:\12\028\028-01\Drawings\Civil\12028_details
SHEET NAME C2.08

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route	10-00046-00-BT	JO DAVIESS	69	14
CONTRACT NO. -----				
ILLINOIS FED. AID PROJECT				

BILL OF MATERIALS - PIERS

Pier Location Station	Top of Pier Elevation **	Top of Pedestal Elevation	Ground Elevation at Pier		24" Pedestal Concrete, CY	18" Column Concrete, CY	ROCK EXCAVATION STRUCTURES CY	STRUCTURE EXCAVATION CY	CLASS SI CONCRETE CY	PEDESTRIAN TRUSS SUPERSTRUCTURE SF	PEDESTRIAN RAIL (SPECIAL) FT	REINFORCING BARS EPOXY COATED LBS
			Left	Right								
Elevated Walkway #1												
204+47.97	616.23	615	614.4	613.5	1.29	0.16	0.12	0.93	1.45	160.0	40.0	285
204+67.97	617.14	613.2	612.7	611.8	1.27	0.52	0.12	0.93	1.78	160.0	40.0	313
204+87.97	618.13	615.5	615	613.8	1.30	0.34	0.12	0.93	1.65	160.0	40.0	284
205+07.97	619.13	616.6	616.1	614.9	1.30	0.33	0.12	0.93	1.63	160.0	40.0	284
205+27.97	620.13	616.6	616.1	614.7	1.33	0.46	0.12	0.93	1.79	160.0	40.0	313
205+47.97	621.13	617	616.5	615.1	1.33	0.54	0.12	0.93	1.87	160.0	40.0	313
205+67.97	622.13	618	617.5	616	1.34	0.54	0.12	0.93	1.88	160.0	40.0	298
205+82.97	622.87	619	618.5	617.5	1.28	0.51	0.12	0.93	1.79	120.0	30.0	313
Elevated Walkway #2												
207+30.30	630.23	624.75	624	622.1	1.44	0.72	0.12	0.93	2.16	120.0	30.0	374
Elevated Walkway #3												
208+46.30	636.02	632.5	632	627.5	1.69	0.46	0.12	0.93	2.15	160.0	40.0	360
208+66.30	637.02	635.5	635	631.5	1.57	0.20	0.12	0.93	1.77	160.0	40.0	313
208+86.30	637.85	637.18	637.5	633.5	1.44	0.09	0.12	0.93	1.53	160.0	40.0	298
209+06.30	638.35	637.68	637	633.5	1.61	0.09	0.12	0.93	1.70	160.0	40.0	298
209+26.30	638.51	635.5	635	630.5	1.69	0.39	0.12	0.93	2.08	160.0	40.0	342
209+46.30	638.35	633.5	633	628.5	1.69	0.63	0.12	0.93	2.32	160.0	40.0	375
209+66.30	637.85	633.5	633	628.5	1.69	0.57	0.12	0.93	2.26	160.0	40.0	375
209+86.30	637.02	634.5	634	629	1.75	0.33	0.12	0.93	2.07	160.0	40.0	346
210+06.30	636.02	631.5	631	626.5	1.69	0.59	0.12	0.93	2.28	160.0	40.0	375
210+26.17	635.03	631	630.5	626.5	1.63	0.53	0.12	0.93	2.16	159.0	39.7	360
210+46.06	634.03	629.5	629	626.5	1.45	0.59	0.12	0.93	2.05	159.1	39.8	342
210+66.06	633.03	628.5	628	626	1.40	0.59	0.12	0.93	1.99	160.0	40.0	328
210+86.06	632.04	628	627.5	625	1.45	0.53	0.12	0.93	1.98	160.0	40.0	328
211+06.06	631.04	626.8	626.3	624	1.43	0.55	0.12	0.93	1.99	160.0	40.0	328
211+25.86	630.05	627.5	627	625	1.40	0.33	0.12	0.93	1.73	158.4	39.6	298
211+45.67	629.06	628.41	627.5	625.5	1.49	0.09	0.12	0.93	1.58	158.5	39.6	284
211+65.67	628.06	624	623.5	622.5	1.28	0.53	0.12	0.93	1.81	160.0	40.0	313
211+85.67	627.16	619	617	617	4.44	1.07	0.56	9.07	5.51	160.0	40.0	697
212+05.67	626.46	615	611.5	611	4.44	1.50	0.56	9.07	5.95	160.0	40.0	739
212+25.67	625.98	621.5	621	619	1.40	0.59	0.12	0.93	1.98	160.0	40.0	328
TOTALS					48.50	14.37	4.25	43.28	62.87	4955.0	1238.7	10824

* Structure Excavation for pedestals based on bored hole same size as pedestal

** Top of Pier Elevations to be verified by contractor after approval of shop drawings based on the actual manufacturer-determined walkway structure depth. Elevations in the table assume a structure depth of 1'-2 3/8" from finished grade to top of bearing.

EPOXY COATED REINFORCING STEEL - PIERS

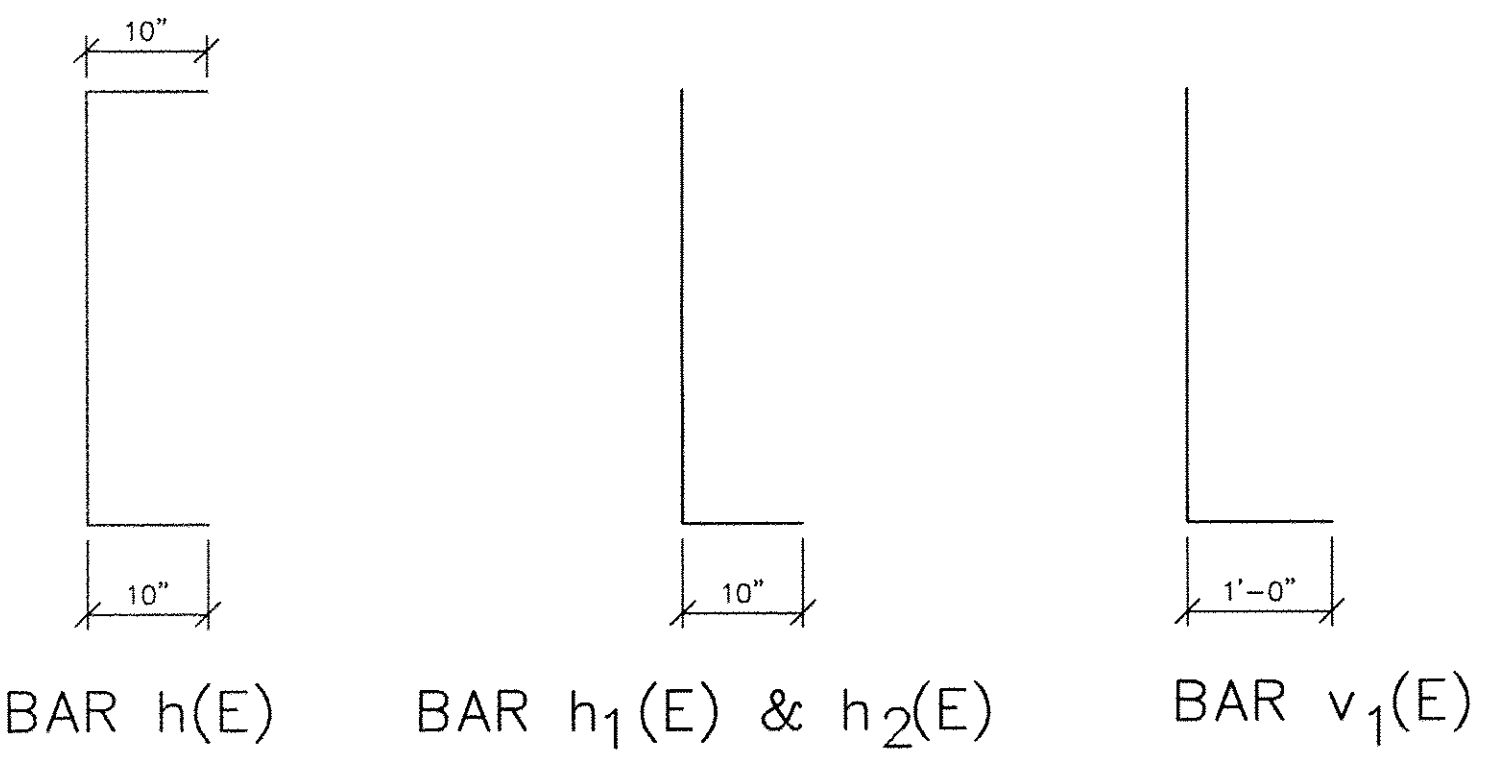
Pier Location Station	24" Dia. Pier Pedestals				18" Dia. Pier Columns				Pier Pedestals and Columns				Weight
	Left		Right		v ₂ (E) bars #6		v ₃ (E) bars #6		s ₁ (E) bars #4		s ₂ (E) bars #4		
	v ₁ (E) bars #6	Length	v ₁ (E) bars #6	Length	No.	Length	No.	Length	No.	Length	No.	Length	
	No.	Length	No.	Length	No.	Length	No.	Length	No.	Length	No.	Length	
Elevated Walkway #1													
204+47.97	8	7' - 10"	8	8' - 9"	8	1' - 10"	0' - 0"	19	4' - 2"	4	3' - 9"	285	
204+67.97	8	7' - 9"	8	8' - 9"	8	3' - 10"	0' - 0"	19	4' - 2"	6	3' - 9"	313	
204+87.97	8	7' - 9"	8	8' - 9"	8	1' - 10"	0' - 0"	19	4' - 2"	4	3' - 9"	284	
205+07.97	8	7' - 9"	8	8' - 9"	8	1' - 10"	0' - 0"	19	4' - 2"	4	3' - 9"	284	
205+27.97	8	7' - 9"	8	8' - 9"	8	3' - 10"	0' - 0"	19	4' - 2"	6	3' - 9"	313	
205+47.97	8	7' - 9"	8	8' - 9"	8	3' - 10"	0' - 0"	19	4' - 2"	6	3' - 9"	313	
205+67.97	8	7' - 9"	8	7' - 9"	8	3' - 10"	0' - 0"	18	4' - 2"	6	3' - 9"	298	
205+82.97	8	7' - 9"	8	8' - 9"	8	3' - 10"	0' - 0"	19	4' - 2"	6	3' - 9"	313	
Elevated Walkway #2													
207+30.30	8	8' - 9"	8	10' - 9"	8	5' - 2.7"	0' - 0"	22	4' - 2"	6	3' - 9"	374	
Elevated Walkway #3													
208+46.30	8	7' - 9"	8	12' - 0"	8	3' - 10"	0' - 0"	22	4' - 2"	6	3' - 9"	360	
208+66.30	8	7' - 9"	8	10' - 9"	8	1' - 10"	0' - 0"	21	4' - 2"	4	3' - 9"	313	
208+86.30	8	7' - 9"	8	9' - 9"	8	1' - 10"	0' - 0"	20	4' - 2"	4	3' - 9"	298	
209+06.30	8	7' - 9"	8	9' - 9"	8	1' - 10"	0' - 0"	20	4' - 2"	4	3' - 9"	298	
209+26.30	8	7' - 9"	8	10' - 9"	8	3' - 10"	0' - 0"	21	4' - 2"	6	3' - 9"	342	
209+46.30	8	7' - 9"	8	13' - 0"	8	3' - 10"	0' - 0"	23	4' - 2"	6	3' - 9"	375	
209+66.30	8	7' - 9"	8	13' - 0"	8	3' - 10"	0' - 0"	23	4' - 2"	6	3' - 9"	375	
209+86.30	8	7' - 9"	8	13' - 0"	8	1' - 10"	0' - 0"	23	4' - 2"	4	3' - 9"	346	
210+06.30	8	7' - 9"	8	13' - 0"	8	3' - 10"	0' - 0"	23	4' - 2"	6	3' - 9"	375	
210+26.17	8	7' - 9"	8	12' - 0"	8	3' - 10"	0' - 0"	22	4' - 2"	6	3' - 9"	360	
210+46.06	8	7' - 9"	8	10' - 9"	8	3' - 10"	0' - 0"	21	4' - 2"	6	3' - 9"	342	
210+66.06	8	7' - 9"	8	9' - 9"	8	3' - 10"	0' - 0"	20	4' - 2"	6	3' - 9"	328	
210+86.06	8	7' - 9"	8	9' - 9"	8	3' - 10"	0' - 0"	20	4' - 2"	6	3' - 9"	328	
211+06.06	8	7' - 9"	8	9' - 9"	8	3' - 10"	0' - 0"	20	4' - 2"	6	3' - 9"	328	
211+25.86	8	7' - 9"	8	9' - 9"	8	1' - 10"	0' - 0"	20	4' - 2"	4	3' - 9"	298	
211+45.67	8	7' - 9"	8	8' - 9"	8	1' - 10"	0' - 0"	19	4' - 2"	4	3' - 9"	284	
211+65.67	8	7' - 9"	8	8' - 9"	8	3' - 10"	0' - 0"	19	4' - 2"	6	3' - 9"	313	
212+25.67	8	7' - 9"	8	9' - 9"	8	3' - 10"	0' - 0"	20	4' - 2"	6	3' - 9"	328	

TYPE 2 PIER FOUNDATION

TYPE 2 PIER	v ₁ (E) bars #6	h ₁ (E) bars #6	h ₂ (E) bars #6	v ₂ & v ₃ bars #6	s ₁ (E) bars #4	s ₂ (E) bars #4	
211+85.67	14	7' - 6"	4	9' - 6"	10	11' - 8"	14
212+05.67	14	7' - 6"	4	9' - 6"	10	11' - 8"	14
#8 Dowels - Pedestal To Rock							58
TOTAL EPOXY COATED REINFORCING							10824

BILL OF MATERIALS - ABUTMENTS

BAR	SHAPE	SIZE	ELEVATED WALKWAY #1		ELEVATED WALKWAY #2		ELEVATED WALKWAY #3		ELEVATED WALKWAY #4		
			ABUT. NO. 1	ABUT. NO. 2	ABUT. NO. 3	ABUT. NO. 4	ABUT. NO. 5	ABUT. NO. 6	ABUT. NO. 7	ABUT. NO. 8	
LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.
h(E)	#5	10' - 6"	4	10' - 6"	9	10' - 6"	11	10' - 6"	11	10' - 6"	5
h ₁ (E)	#5	6' - 5"	10	6' - 5"	22	6' - 5"	24	6' - 5"	24	6' - 5"	12
h ₂ (E)	#5	5' - 9"	5	5' - 9"	14	5' - 9"	16	5' - 9"	16	5' - 9"	7
h ₃ (E)	#5	10' - 2"	7	10' - 2"	7	10' - 2"	7	10' - 2"	7	15' - 11"	7
h ₄ (E)	#5	6' - 5"	11	6' - 5"	11	6' - 5"	11	6' - 5"	11	6' - 5"	17
h ₅ (E)	#5	10' - 2"	7	10' - 2"	7	10' - 2"	7	10' - 2"	7	15' - 11"	7
h ₆ (E)	#5	6' - 5"	11	6' - 5"	11	6' - 5"	11	6' - 5"	11	6' - 5"	17
h ₇ (E)	#5	3' - 11"	6	3' - 11"	6	3' - 11"	6	3' - 11"	6	3' - 11"	6
h ₈ (E)	#5			3' - 11"	5	3' - 11"	5	3' - 11"	5		
v(E)	#5	4' - 3"	19	9' - 10"	19	11' - 3"	19	11' - 9"	19	4' - 5"	25
v ₁ (E)	#6	4' - 6"	32	4' - 8"	32	4' - 8"	32	4' - 8"	32	4' - 8"	44
v ₂ (E)	#5	3' - 0"	11	8' - 6.1"	11	10' - 0"	11	9' - 12"	11	10' - 0.1"	11
v ₃ (E)	#5			5' - 4"	7	5' - 4"	7	5' - 4"	7		
Structure Excavation	Cu. Yd.	18.9		Cu. Yd.	34.5	Cu. Yd.	28	Cu. Yd.	35.1	Cu. Yd.	37.1
Rock Excavation	Cu. Yd.	4.7		Cu. Yd.	8.6	Cu. Yd.	7.0	Cu. Yd.	8.8	Cu. Yd.	9.3
Porous Granular Emb. Backfill	Tons	36.8		Tons	70.9	Tons	85.9	Tons	95.8	Tons	42.0
Class SI Concrete	Cu. Yd.	6.02		Cu. Yd.	10.31	Cu. Yd.	11.37	Cu. Yd.	11.36	Cu. Yd.	11.37
Reinforcement Epoxy Coated	Pound	796		Pound	1226	Pound	1319	Pound	1324	Pound	1329



DATE: _____ BY: _____

REVISIONS: _____

PLAN: _____

NOTE: _____

FILE NAME: _____

DATE: _____ BY: _____

REVISIONS: _____

PROFILE: _____

NOTE: _____

FILE NAME: _____

USER NAME = NHOFRICHTER	DESIGNED -- --	REVISED -- --
PLOT SCALE = --	DRAWN -- NOAH HOFRICHTER	REVISED -- --
PLOT DATE = 9/1/2016 11:27 AM	CHECKED -- --	REVISED -- --
	DATE -- --	REVISED -- --

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GALENA RIVER TRAIL PHASE 3
DETAILS

SCALE: SEE DETAIL SHEET 14 OF 58 SHEETS STA. -- TO STA. --

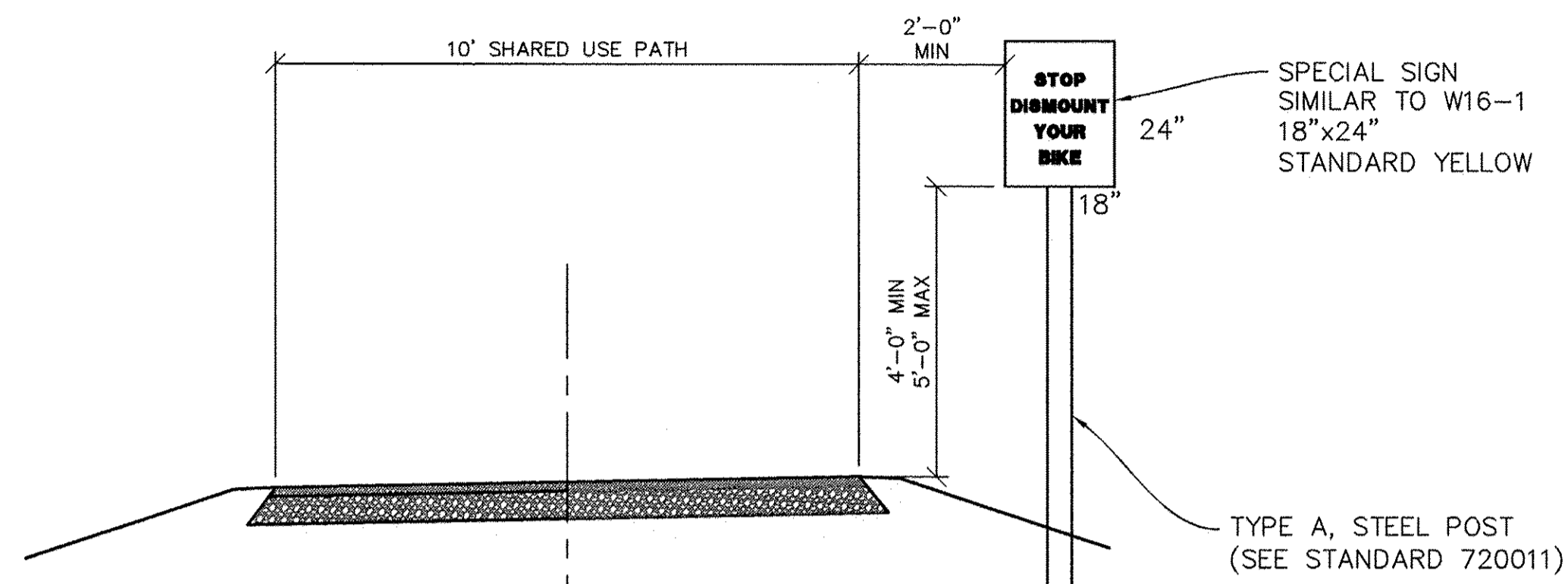
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SHEET NAME C2.09

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route	10-00046-00-BT	JO DAVIESS	69	15
CONTRACT NO. -----			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	CHECKED	
	BY: []	
	DATE	

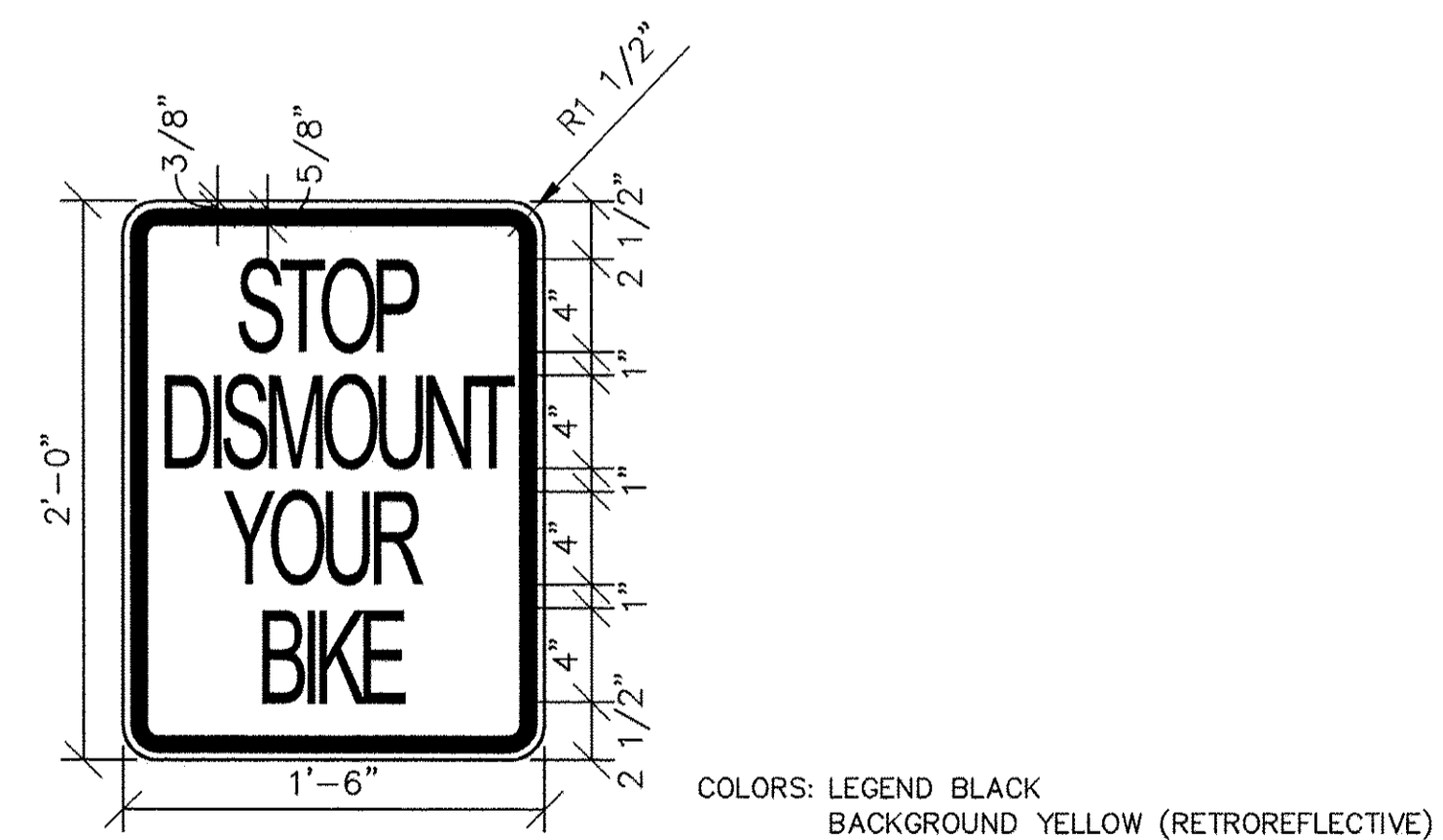
PROFILE	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	CHECKED	
	BY: []	
	DATE	



SHARED USE PATH SIGN LOCATION

STA. 202+35
 LOOKING UPSTATION
 STA. 217+00
 LOOKING DOWNSTATION

11x17 SCALE: NTS
 22x34 SCALE: NTS



SPECIAL SIGN DETAIL

11x17 SCALE: NTS
 22x34 SCALE: NTS

COLORS: LEGEND BLACK
 BACKGROUND YELLOW (RETROREFLECTIVE)

USER NAME = NHOFRICHTER	DESIGNED -- --	REVISED -- --
	DRAWN -- NOAH HOFRICHTER	REVISED -- --
PLOT SCALE = --	CHECKED -- --	REVISED -- --
PLOT DATE = 8/29/2016 7:56 AM	DATE -- --	REVISED -- --

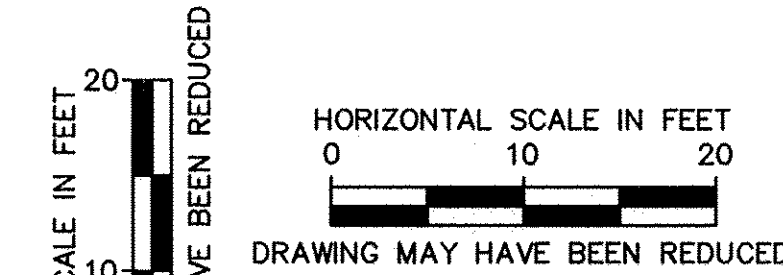
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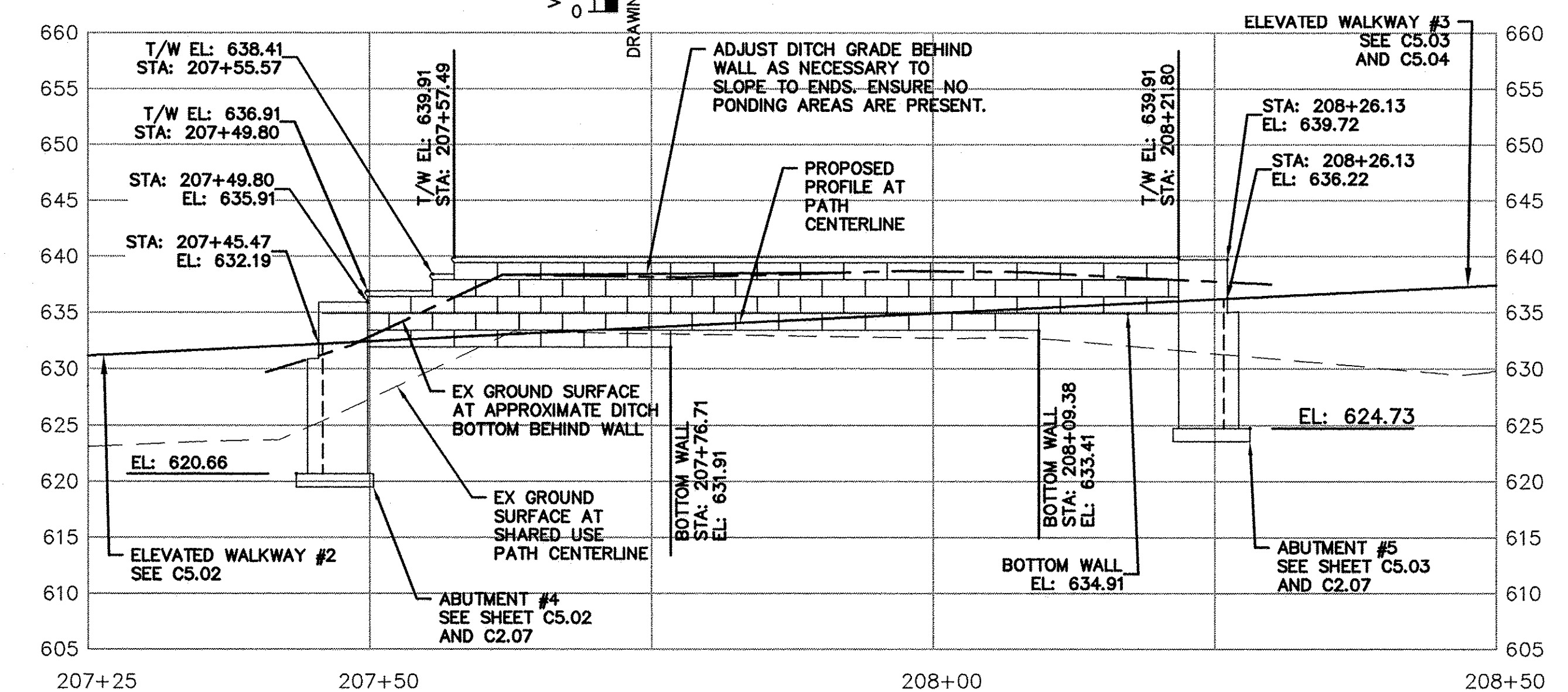
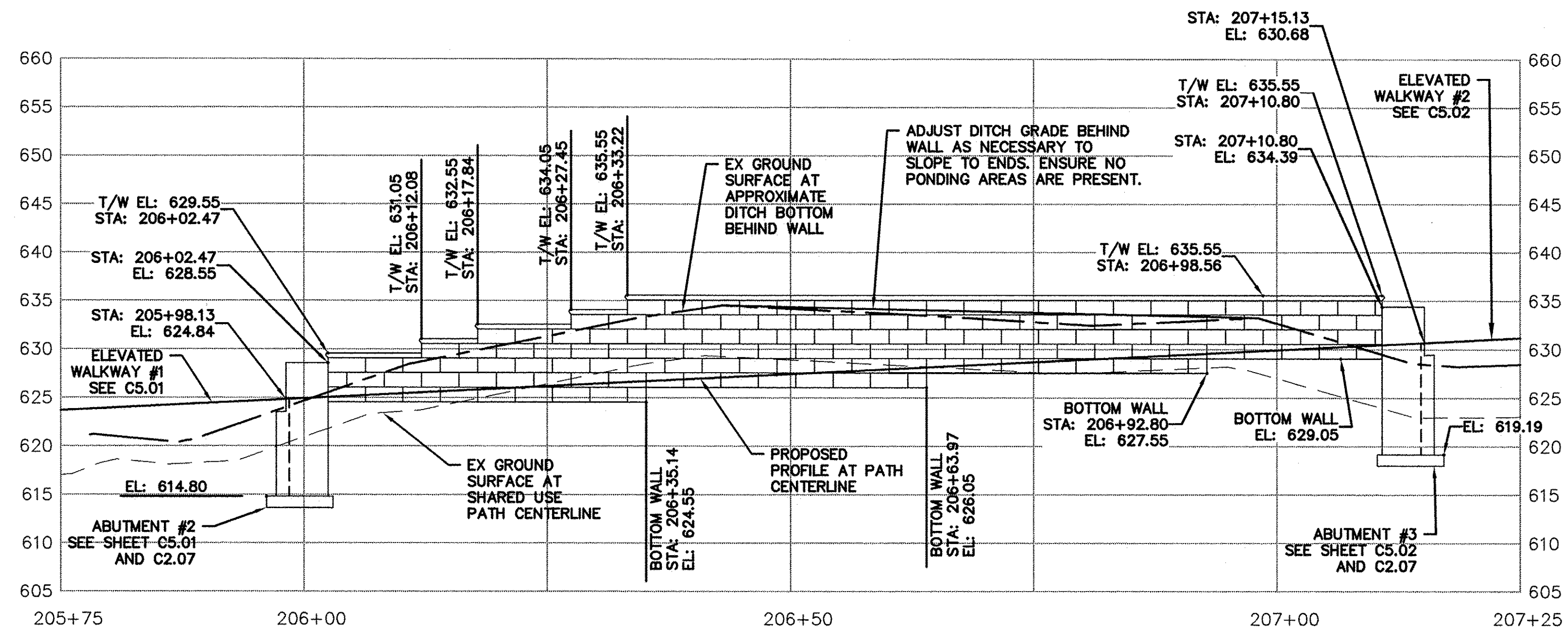
GALENA RIVER TRAIL PHASE 3 DETAILS		
SCALE: SEE DETAIL	SHEET 15 OF 69 SHEETS	STA. -- TO STA. --

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SHEET NAME C2.10

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route 10-00046-00-BT		JO DAVIESS	69	16
CONTRACT NO. -----			ILLINOIS FED. AID PROJECT	



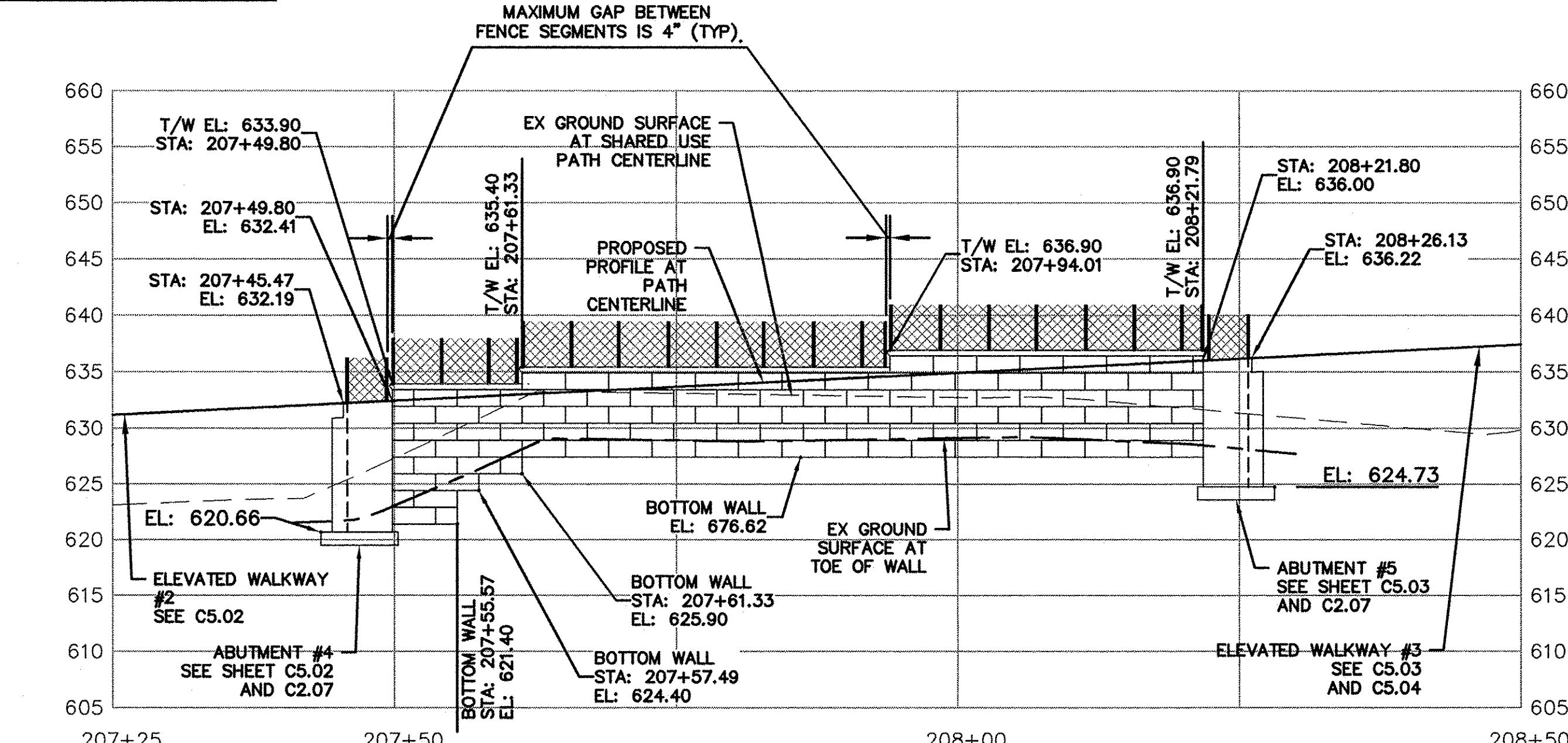
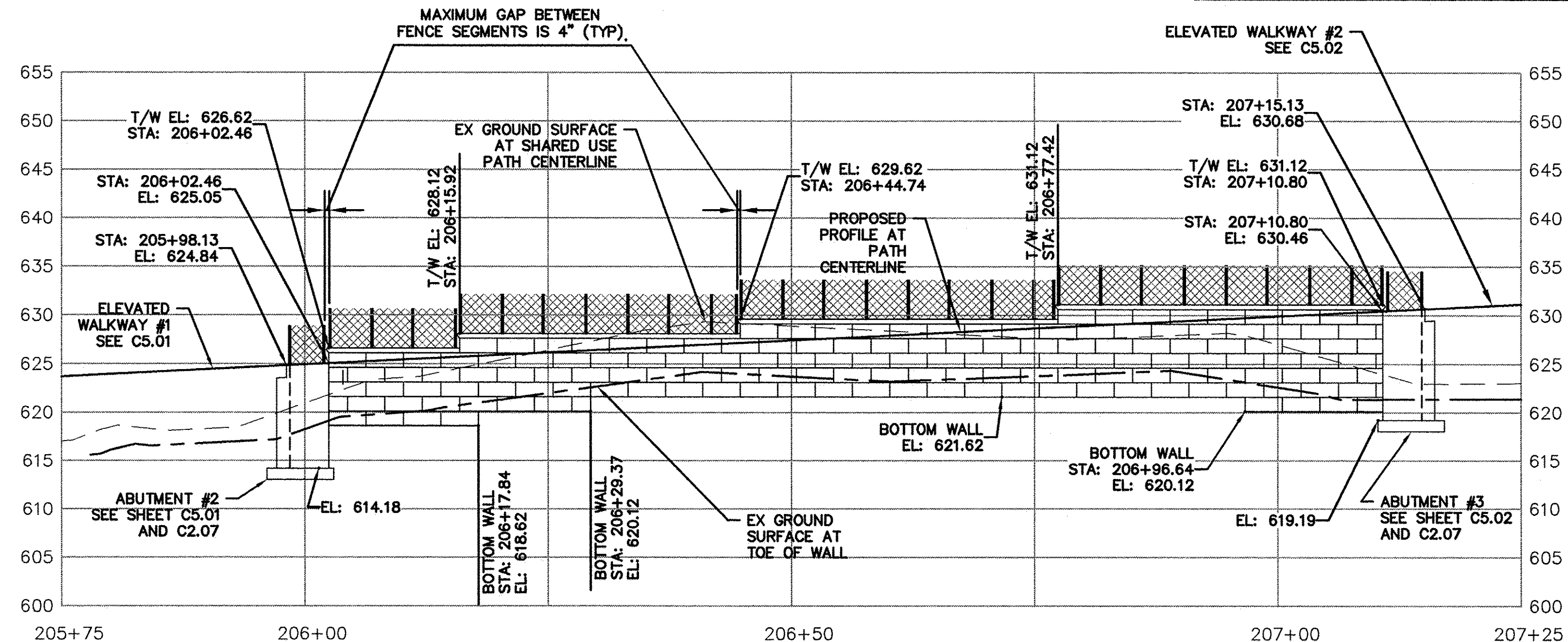
PLAN	DATE
SURVEYED	
PLOTTED	
CHECKED	
BY	
NO. _____	



WALL ELEVATIONS ILLUSTRATE THE GENERAL PROFILE OF EACH WALL AND ADJACENT GRADING. TOP AND BOTTOM WALL ELEVATIONS TO BE DETERMINED BY WALL MANUFACTURER MEETING THE PROJECT REQUIREMENTS.

NOTE: ADJUST LOCATION STATIONS AS NECESSARY FOR PLACEMENT OF MODULAR BLOCK DIMENSIONS.

PROFILE	DATE
SURVEYED	
PLOTTED	
CHECKED	
BY	
NO. _____	



USER NAME = NHOFRICHTER	DESIGNED ---	REVISED ---
	DRAWN --- NOAH HOFRICHTER	REVISED ---
PLOT SCALE = ---	CHECKED ---	REVISED ---
PLOT DATE = 8/29/2016 7:56 AM	DATE ---	REVISED ---

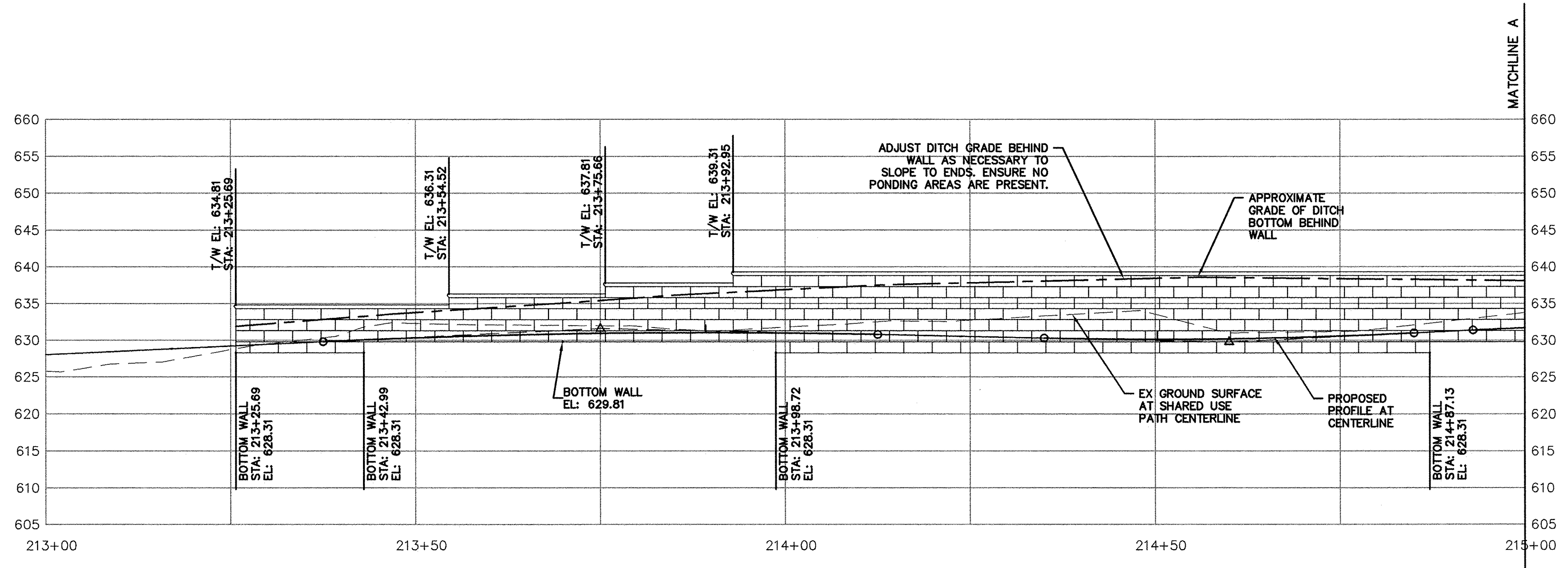
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GALENA RIVER TRAIL PHASE 3 WALL ELEVATIONS		
SCALE: SEE ABOVE	SHEET 16 OF 69 SHEETS	STA. -- TO STA. --

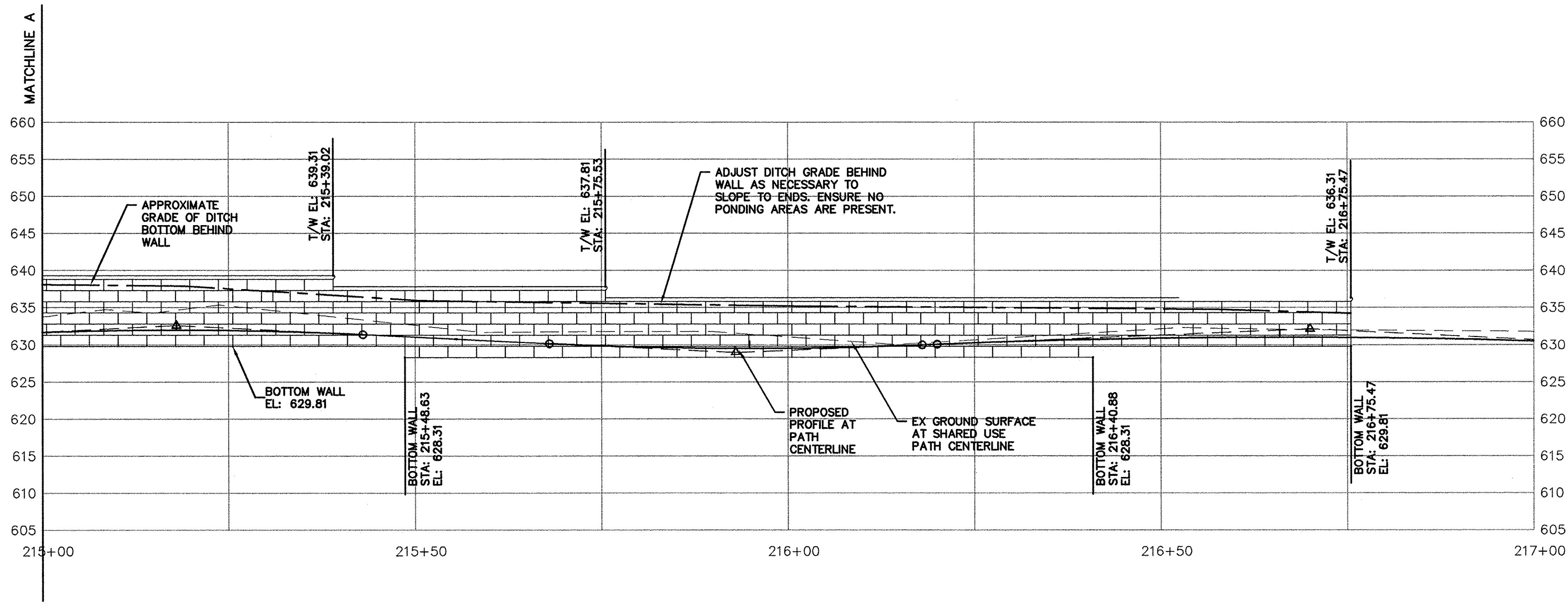
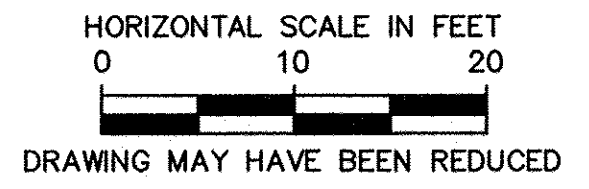
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route 10-00046-00-BT		JO DAVIESS	69	17
ILLINOIS FED. AID PROJECT			CONTRACT NO. -----	



WALL ELEVATIONS ILLUSTRATE THE GENERAL PROFILE OF EACH WALL AND ADJACENT GRADING. TOP AND BOTTOM WALL ELEVATIONS TO BE DETERMINED BY WALL MANUFACTURER MEETING THE PROJECT REQUIREMENTS. BOTTOM OF WALL ELEVATION MAY BE ADJUSTED BASED ON MANUFACTURERS RECOMMENDATIONS FOR MINIMUM EMBEDMENT DEPTH.

NOTE: ADJUST LOCATION STATIONS AS NECESSARY FOR PLACEMENT OF MODULAR BLOCK DIMENSIONS.



WALL 3-N ELEVATION
NOTE: TWO SECTIONS SHOWN ABOVE ARE ONE CONTINUOUS WALL

PLAN	DATE
BY	
REVISIONS	
NO.	

PROFILE	DATE
BY	
REVISIONS	
NO.	

USER NAME = NHOFRICHTER	DESIGNED -- --	REVISED -- --
	DRAWN -- NOAH HOFRICHTER	REVISED -- --
PLOT SCALE = --	CHECKED -- --	REVISED -- --
PLOT DATE = 8/29/2016 7:56 AM	DATE -- --	REVISED -- --

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GALENA RIVER TRAIL PHASE 3 WALL ELEVATIONS		
SCALE: SEE ABOVE	SHEET 17 OF 69 SHEETS	STA. -- TO STA. --

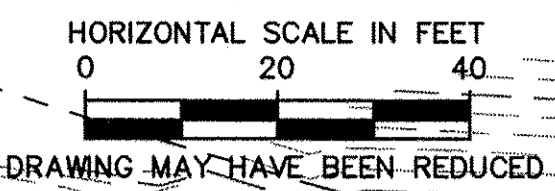
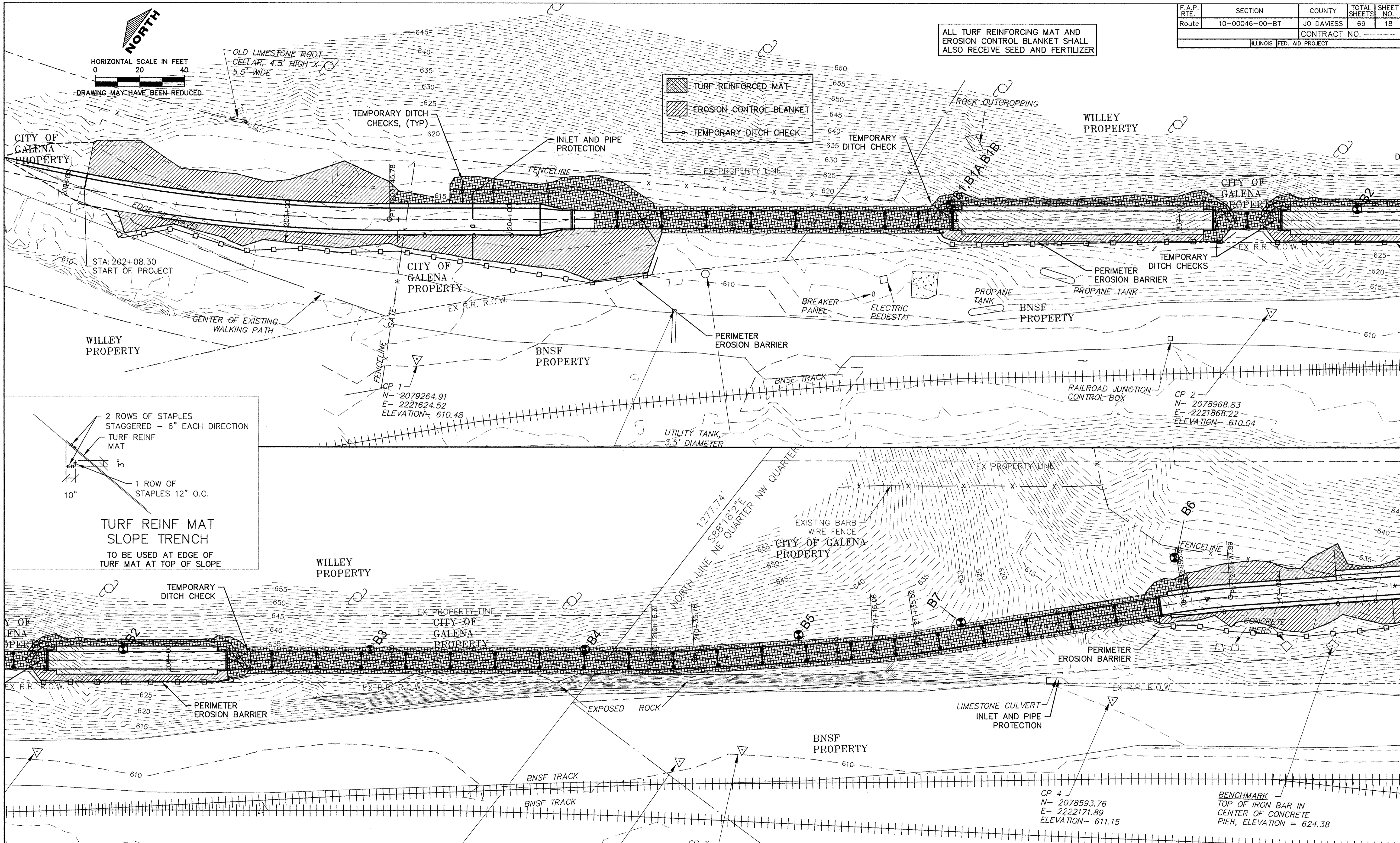
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SHEET NAME C2.12

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route	10-00046-00-BT	JO DAVIESS	69	18
ILLINOIS FED. AID PROJECT			CONTRACT NO. -----	

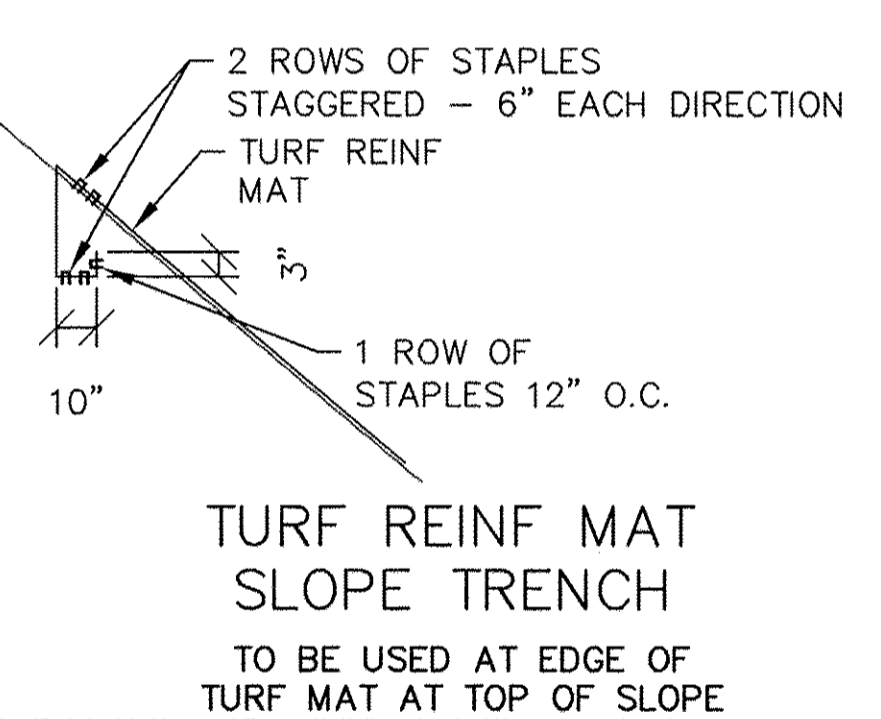
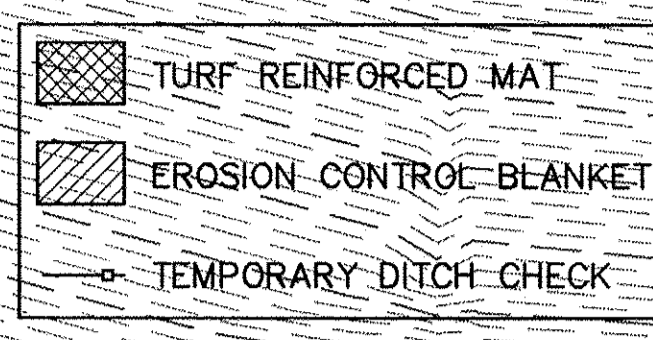
ALL TURF REINFORCING MAT AND EROSION CONTROL BLANKET SHALL ALSO RECEIVE SEED AND FERTILIZER

DATE	BY

DATE	BY



OLD LIMESTONE ROOT CELLAR, 4.5' HIGH X 5.5' WIDE



USER NAME = MWEIMERSKIRCH	DESIGNED ---	REVISED ---
PLOT SCALE = ---	DRAWN --- NOAH HOFRICHTER	REVISED ---
PLOT DATE = 8/29/2016 7:57 AM	CHECKED ---	REVISED ---
	DATE ---	REVISED ---

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DEPARTMENT OF TRANSPORTATION

GALENA RIVER TRAIL PHASE 3
EROSION CONTROL
SCALE: 1"=40' SHEET 18 OF 69 SHEETS STA. 202+00 TO STA. 213+50

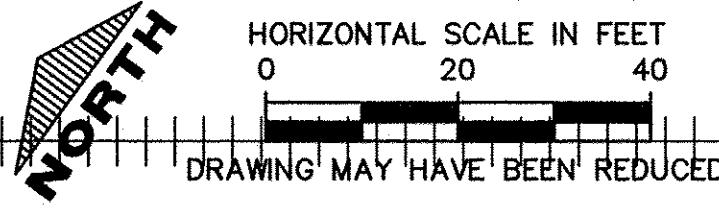
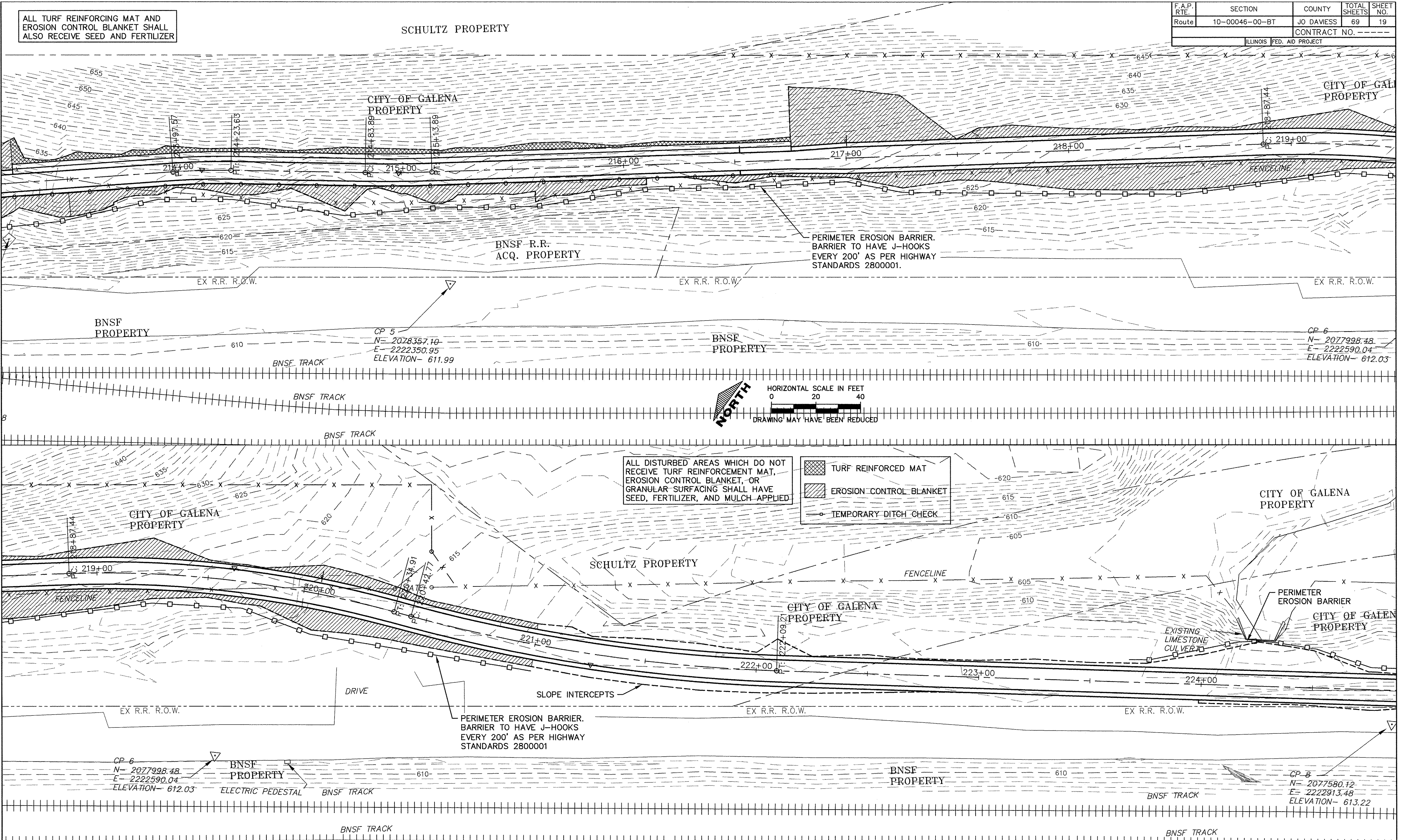
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SHEET NAME C2.50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route 10-00046-00-BT	JO DAVIESS	69	19	
CONTRACT NO. -----				
ILLINOIS FED. AID PROJECT				

ALL TURF REINFORCING MAT AND EROSION CONTROL BLANKET SHALL ALSO RECEIVE SEED AND FERTILIZER

DATE	BY

DATE	BY



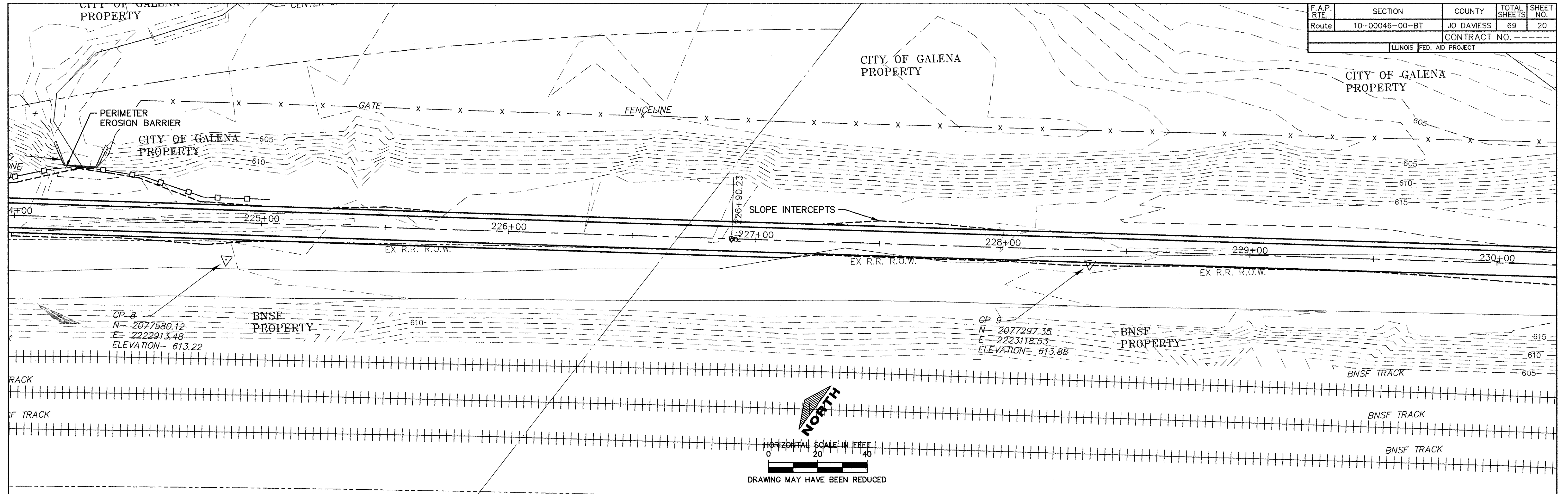
ALL DISTURBED AREAS WHICH DO NOT RECEIVE TURF REINFORCEMENT MAT, EROSION CONTROL BLANKET, OR GRANULAR SURFACING SHALL HAVE SEED, FERTILIZER, AND MULCH APPLIED

- TURF REINFORCED MAT
- EROSION CONTROL BLANKET
- TEMPORARY DITCH CHECK

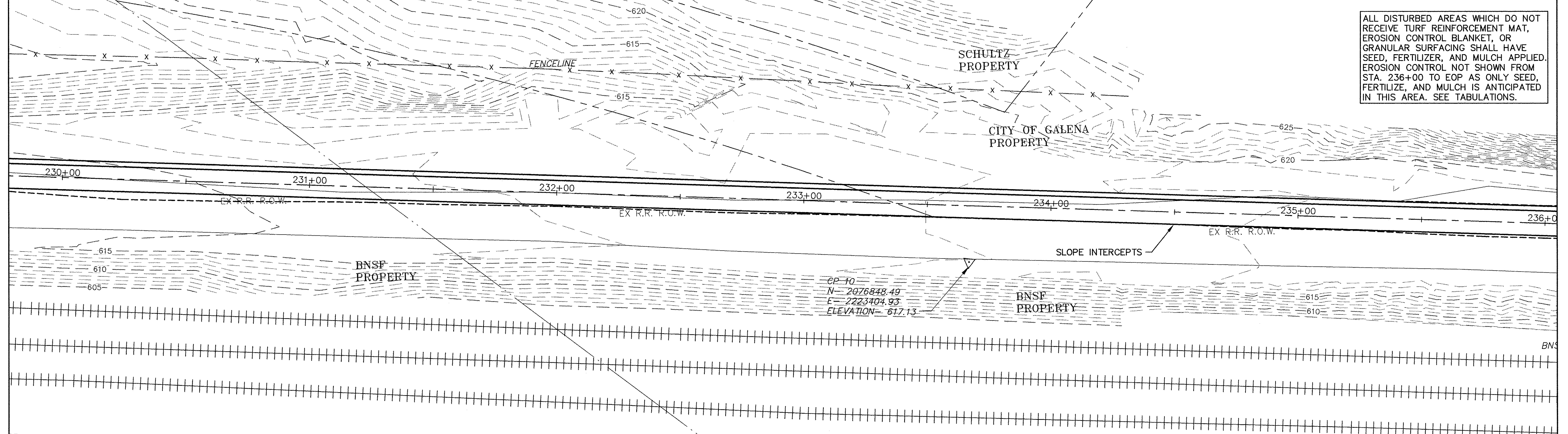
USER NAME = MWEIMERSKIRCH	DESIGNED ---	REVISED ---		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GALENA RIVER TRAIL PHASE 3 EROSION CONTROL	SCALE: 1"=40' SHEET 19 OF 69 SHEETS STA. 213+50 TO STA. 224+50	SHEET NAME C2.51
PLOT SCALE ---	DRAWN --- NOAH HOFRICHTER	REVISED ---					
PLOT DATE = 8/29/2016 7:57 AM	CHECKED ---	REVISED ---	563.556.2464 ♦ 800.556.4491 IIW, P.C. ♦ www.iiwengr.com	FILE NAME = P:\12\028\028-01\Drawings\Civil\12028_erosion			

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route 10-00046-00-BT		JO DAVIESS	69	20
		CONTRACT NO. -----		
ILLINOIS FED. AID PROJECT				

DATE	
BY	
PLAN	
NO. BOOK	
NO.	
SURVEYED	
PLOTTED	
ALIGNED	
CHECKED	
FILE NAME	
NO.	



DATE	
BY	
PROFILE	
NO. BOOK	
NO.	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE	
NOTATION	
CHKD	



USER NAME = MWEIMERSKIRCH	DESIGNED ---	REVISED ---
	DRAWN --- NOAH HOFRICHTER	REVISED ---
PLOT SCALE ---	CHECKED ---	REVISED ---
PLOT DATE = 8/29/2016 7:57 AM	DATE ---	REVISED ---

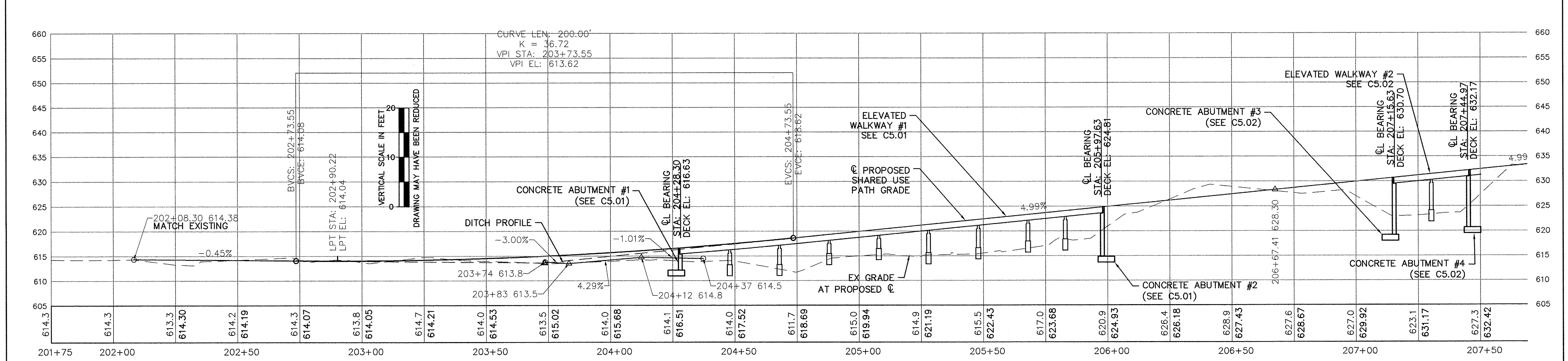
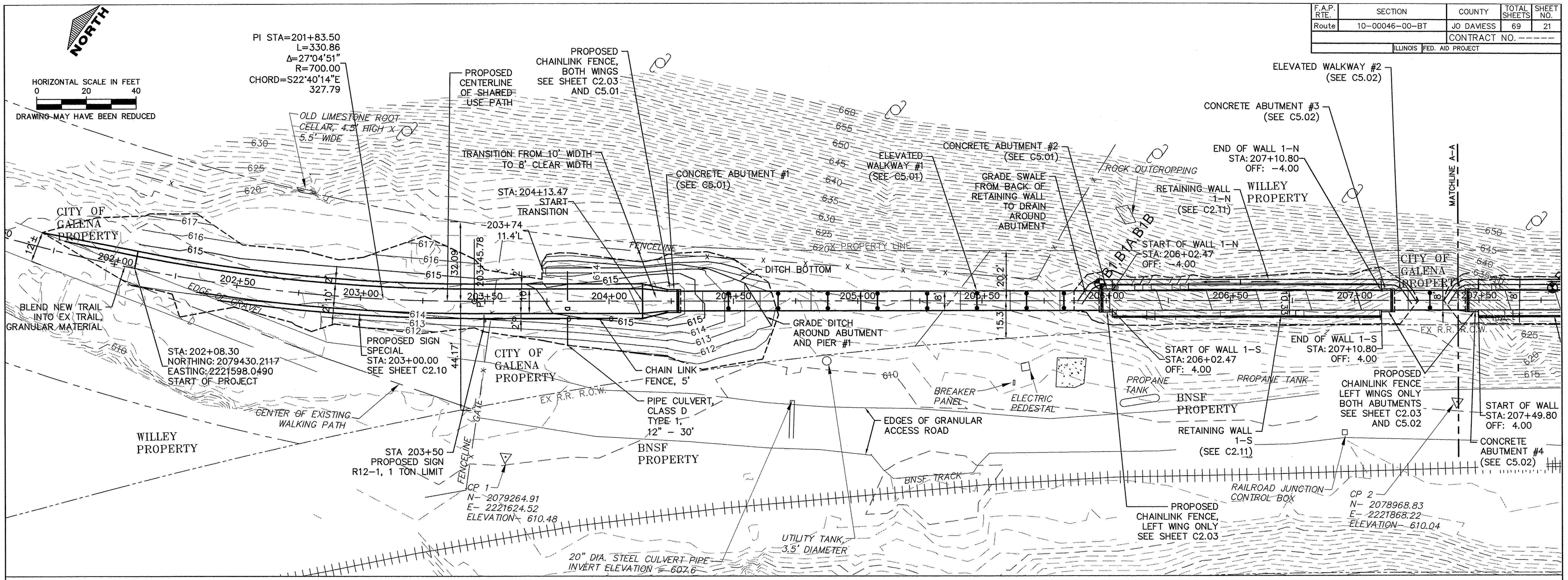
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GALENA RIVER TRAIL PHASE 3
EROSION CONTROL
SCALE: 1"=40' SHEET 20 OF 69 SHEETS STA. 224+50 TO STA. 236+00

FILE NAME = P:\12\028\028-01\Drawings\Civil\12028_erosion
SHEET NAME C2.52

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route 10-00046-00-BT		JO DAVIESS	69	21
ILLINOIS FED. AID PROJECT			CONTRACT NO. -----	



DATE	BY

DATE	BY

USER NAME = NHOFRICHTER	DESIGNED ---	REVISED ---
	DRAWN --- NOAH HOFRICHTER	REVISED ---
	CHECKED ---	REVISED ---
	DATE ---	REVISED ---

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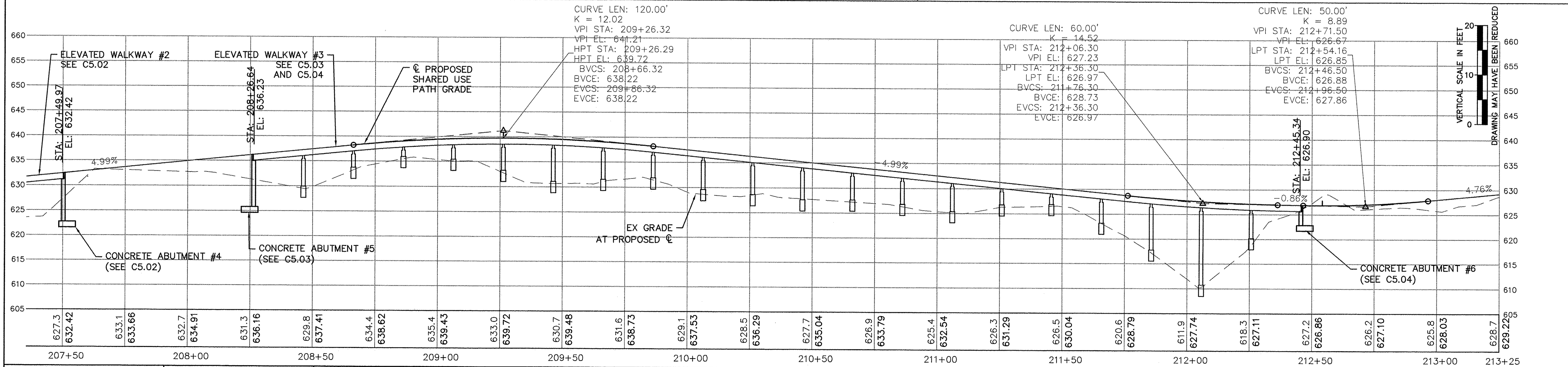
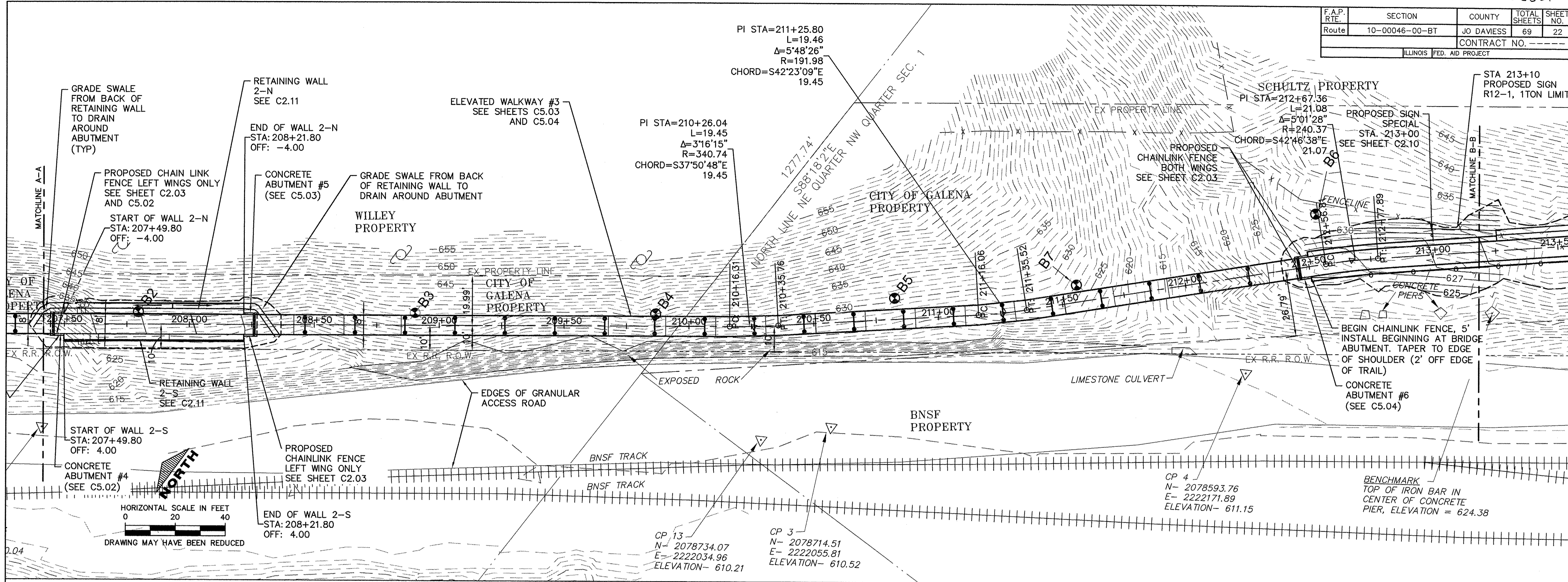
GALENA RIVER TRAIL PHASE 3
 PLAN & PROFILE
 SCALE: --- SHEET 21 OF 69 SHEETS STA. 202+00 TO STA. 207+50

FILE NAME = P:\12\028\028-01\Drawings\Civil\12028_P&P
 SHEET NAME C3.01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route 10-00046-00-BT		JO DAVIESS	69	22
ILLINOIS FED. AID PROJECT				
CONTRACT NO. -----				

PLAN	DATE
SURVEYED	
PLOTTED	
CHECKED	
BY	
NOTE BOOK NO.	
DATE FILE NAME	

PROFILE	DATE
SURVEYED	
PLOTTED	
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BY	
NOTE BOOK NO.	
STRUCTURE NOTATIONS OK'D	

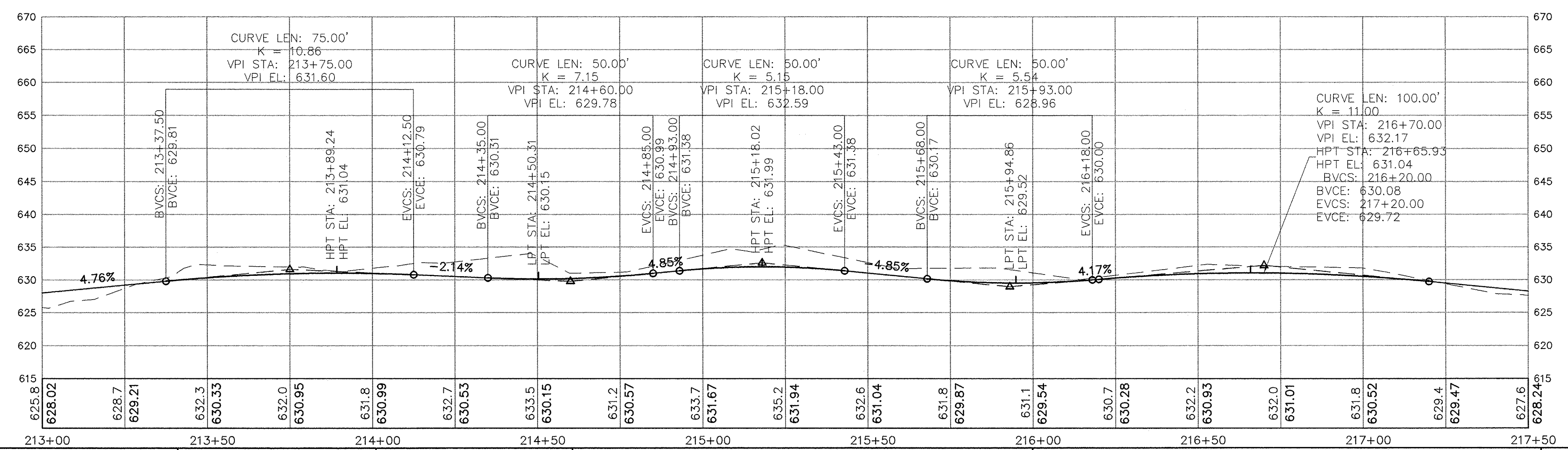
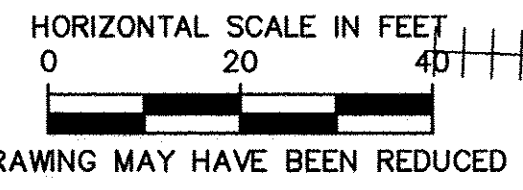
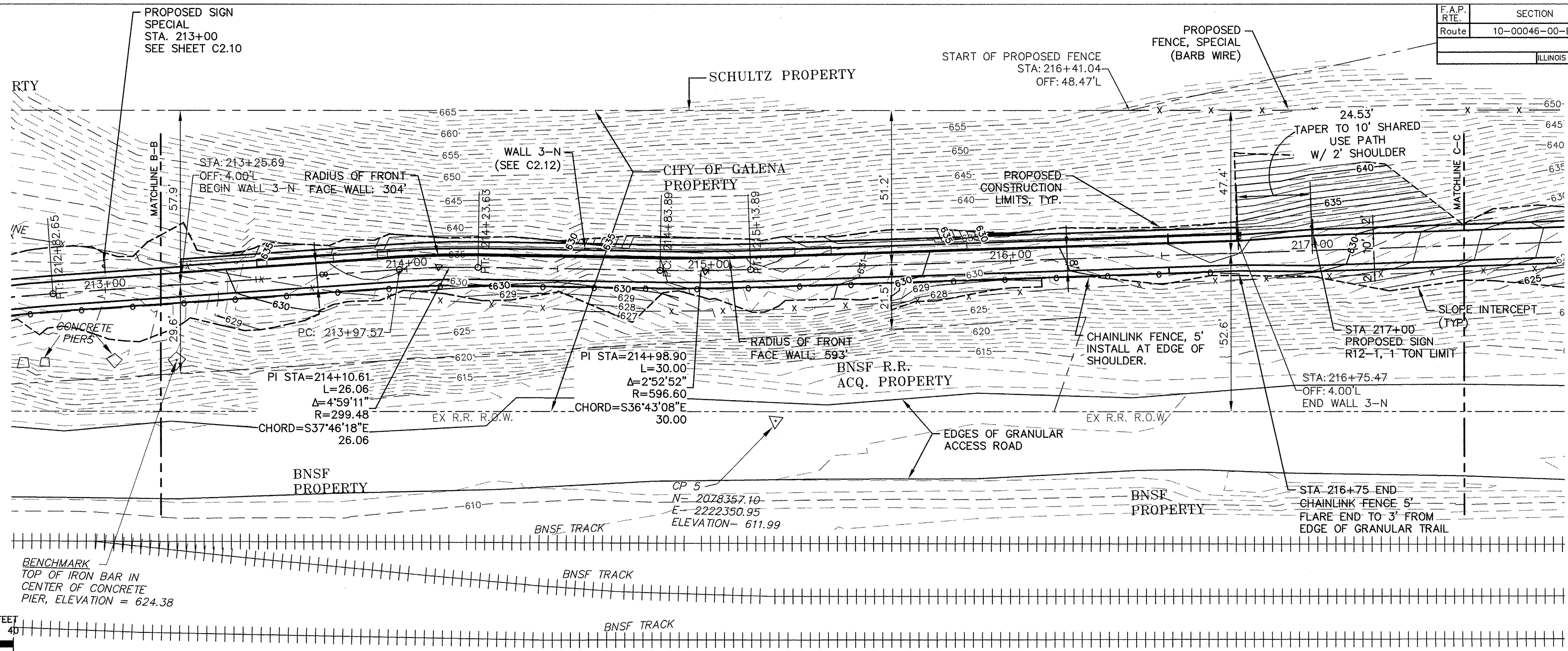


USER NAME = NHOFRICHTER	DESIGNED = --	REVISED = --	<p>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p> <p>GALENA RIVER TRAIL PHASE 3 PLAN & PROFILE</p>	FILE NAME = P:\12\028\028-01\Drawings\Civil\12028_P&P
PLOT SCALE = --	DRAWN = NOAH HOFRICHTER	REVISED = --		SCALE: SEE ABOVE
PLOT DATE = 8/29/2016 7:58 AM	CHECKED = --	REVISED = --		SHEET 22 OF 69 SHEETS
	DATE = --	REVISED = --		STA. 207+50 TO STA. 213+00

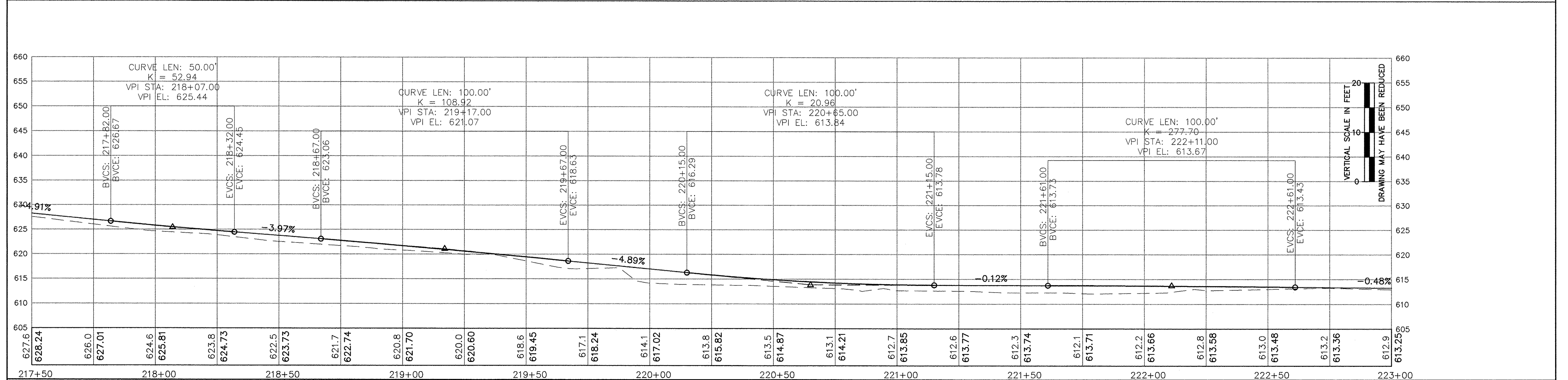
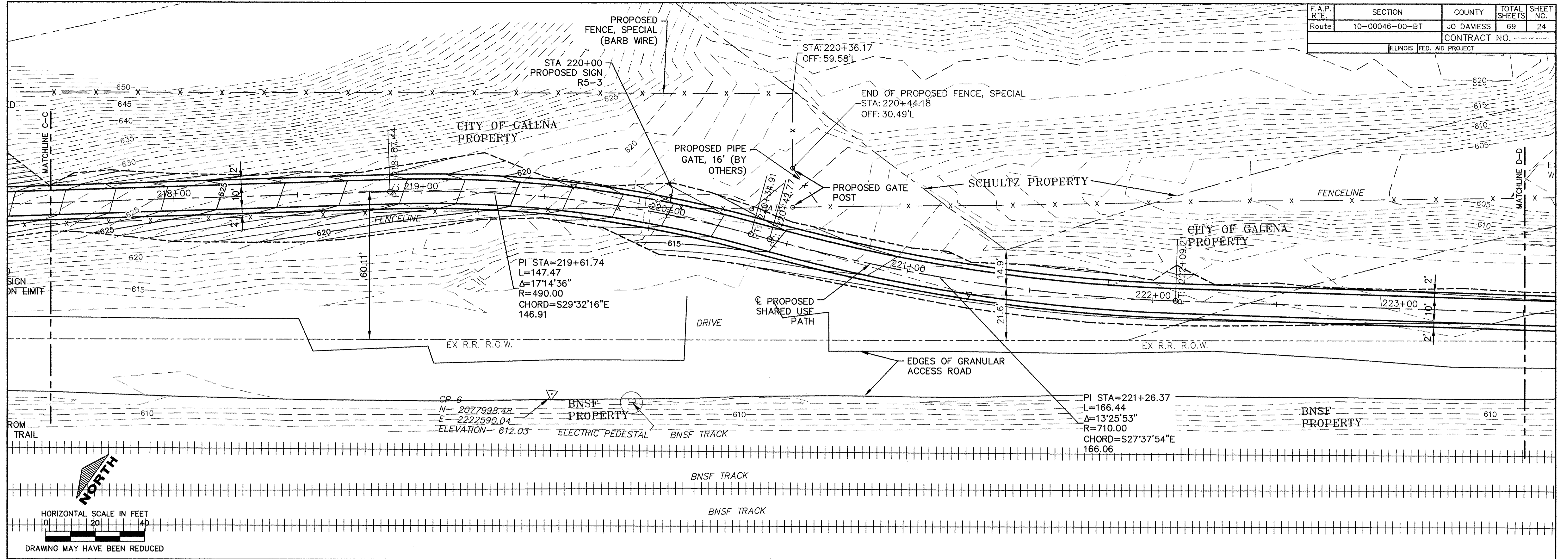
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route 10-00046-00-BT		JO DAVIESS	69	23
ILLINOIS FED. AID PROJECT			CONTRACT NO. -----	

DATE	BY
REVIEWED	PLANNED
ALIGNED	CHECKED
NOTE BOOK	NO.
CADD FILE NAME	

DATE	BY
REVIEWED	PLANNED
GRADES	CHECKED
NOTE BOOK	NO.
STRUCTURE	NOTATION CHG



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route	10-00046-00-BT	JO DAVIESS	69	24
ILLINOIS FED. AID PROJECT			CONTRACT NO. -----	



DATE	
BY	
PLAN	
SURVEYED	
ALIGNED	
NOTE BOOK	
NO. OF WAY CHECKED	
NO.	
DATE	
BY	
PROFILE	
SURVEYED	
GRADES CHECKED	
NO. OF WAY CHECKED	
NO.	
DATE	
BY	

DATE	
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PROFILE	
SURVEYED	
GRADES CHECKED	
NO. OF WAY CHECKED	
NO.	
DATE	
BY	

USER NAME = MWEIMERSKIRCH	DESIGNED -- --	REVISED -- --
	DRAWN -- NOAH HOFRICHTER	REVISED -- --
PLOT SCALE = --	CHECKED -- --	REVISED -- --
PLOT DATE = 8/29/2016 7:59 AM	DATE -- --	REVISED -- --

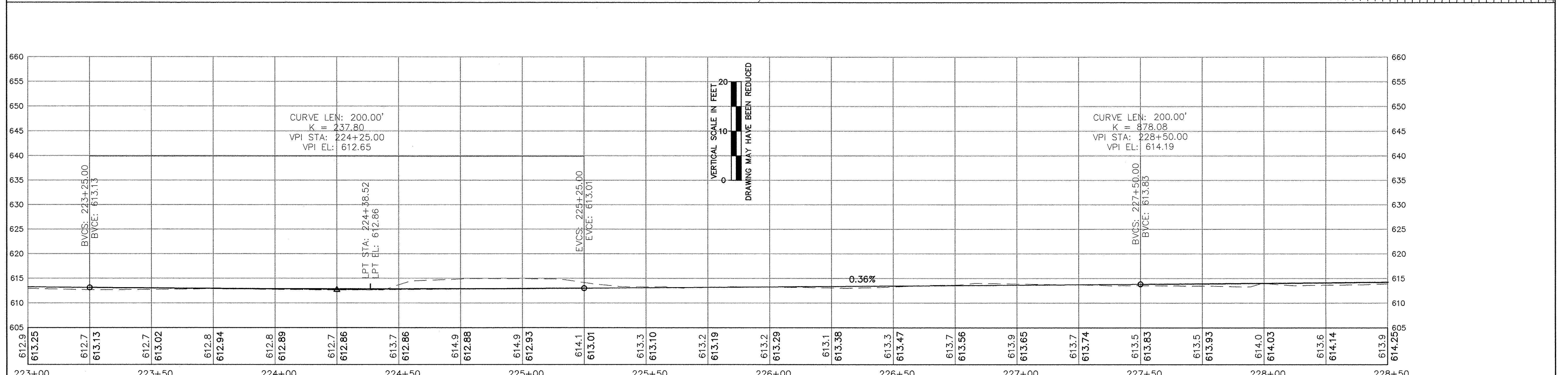
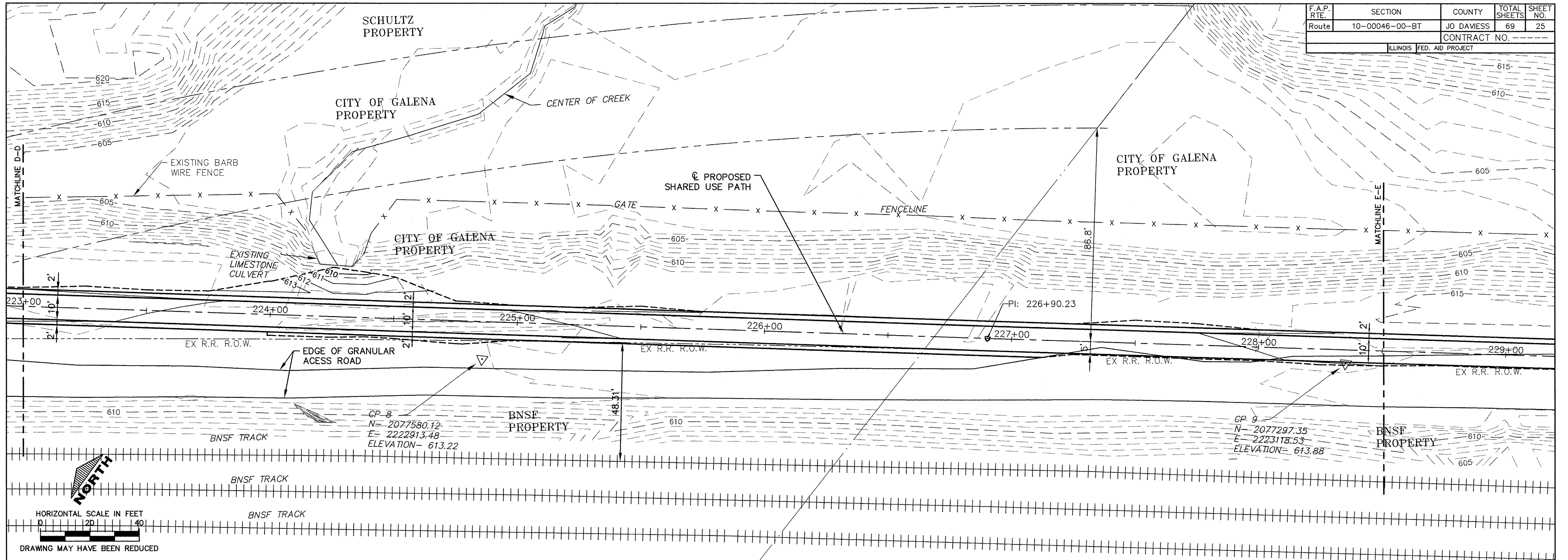
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GALENA RIVER TRAIL PHASE 3
 PLAN & PROFILE
 SCALE: -- SHEET 24 OF 69 SHEETS STA. 217+50 TO STA. 223+00

FILE NAME = P:\12\028\028-01\Drawings\Civil\12028_P&P2
 SHEET NAME C3.04

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route 10-00046-00-BT		JO DAVIESS	69	25
CONTRACT NO. -----				
ILLINOIS FED. AID PROJECT				



DATE	
BY	
REVISIONS	
NO.	DESCRIPTION

DATE	
BY	
REVISIONS	
NO.	DESCRIPTION

USER NAME = MWEIMERSKIRCH	DESIGNED -- --	REVISED -- --
	DRAWN -- NOAH HOFRICHTER	REVISED -- --
PLOT SCALE = --	CHECKED -- --	REVISED -- --
PLOT DATE = 8/29/2016 7:59 AM	DATE -- --	REVISED -- --

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

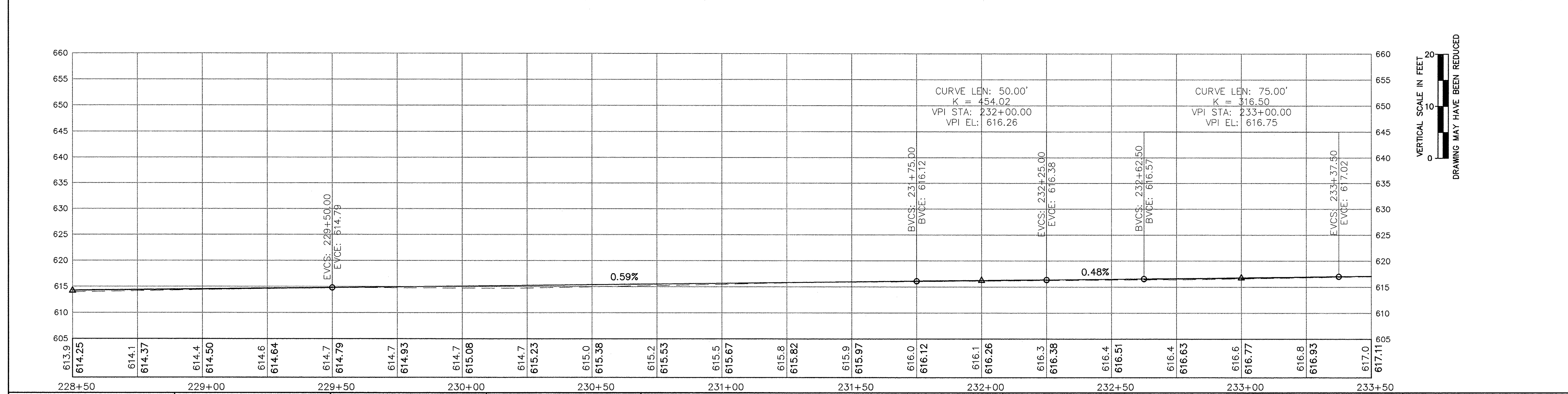
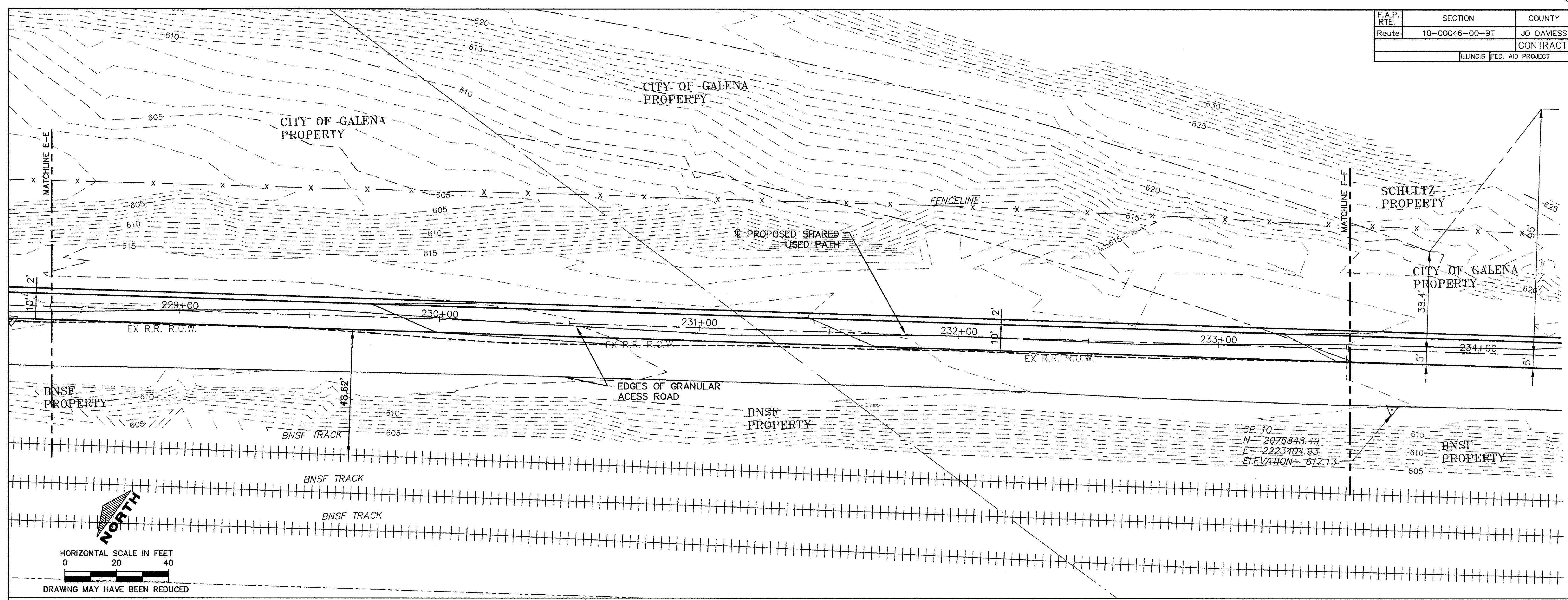
GALENA RIVER TRAIL PHASE 3
 GALENA, ILLINOIS
 SCALE: -- SHEET 25 OF 69 SHEETS STA. 223+00 TO STA. 228+50

FILE NAME = P:\12\028\028-01\Drawings\Civil\12028_P&P2
 SHEET NAME C3.05

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route 10-00046-00-BT		JO DAVIESS	69	26
				CONTRACT NO. -----
ILLINOIS FED. AID PROJECT				

PLAN	DATE
SURVEYED	
ALIGNED	
CHECKED	
RT. OF WAY CHECKED	
NO.	

PROFILE	DATE
SURVEYED	
GRADES CHECKED	
NO. NOTED	
STRUCTURE NOTATIONS CHRD	
NO.	



USER NAME = MWEIMERSKIRCH	DESIGNED - - -	REVISED - - -
	DRAWN - NOAH HOFRICHTER	REVISED - - -
PLOT SCALE = - - -	CHECKED - - -	REVISED - - -
PLOT DATE = 8/29/2016 7:59 AM	DATE - - -	REVISED - - -

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

GALENA RIVER TRAIL PHASE 3
 GALENA, ILLINOIS

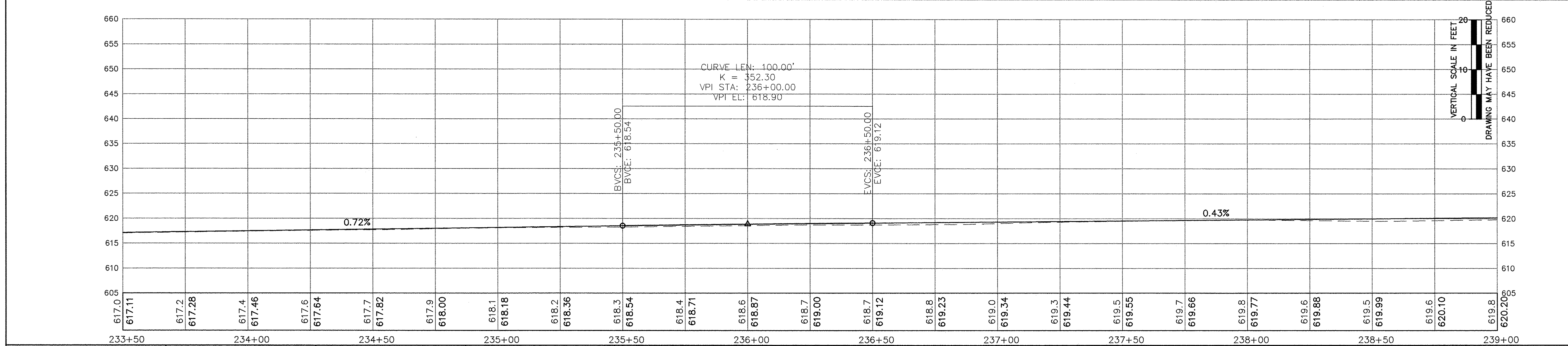
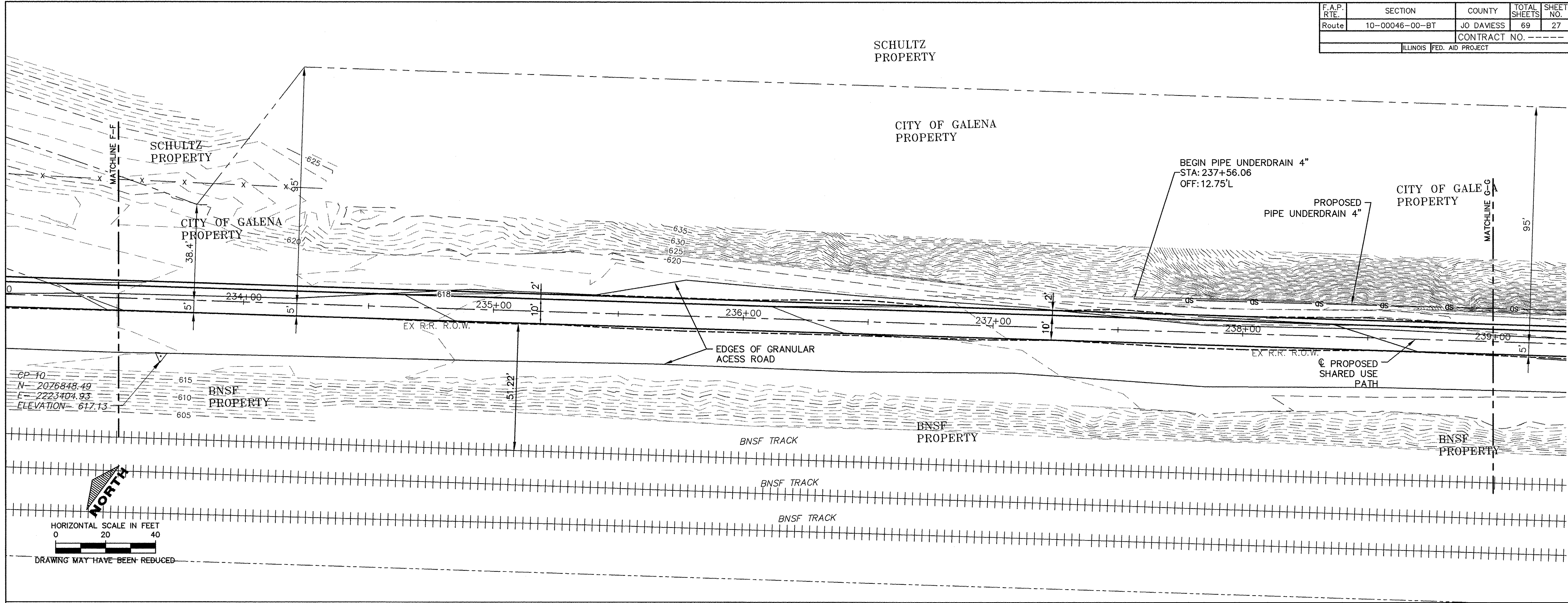
SCALE: - - SHEET 26 OF 69 SHEETS STA. 228+50 TO STA. 233+50

FILE NAME = P:\12\028\028-01\Drawings\Civil\12028_P&P2
 SHEET NAME C3.06

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route	10-00046-00-BT	JO DAVIESS	69	27
CONTRACT NO. -----			ILLINOIS FED. AID PROJECT	

PLAN	REVISIONS	DATE
NO.	BY	
	NOTED	
	ALIGNED	
	CHECKED	
	CADD FILE NAME	

PROFILE	REVISIONS	DATE
NO.	BY	
	NOTED	
	GRADES CHECKED	
	PLANNING	
	REVISED	

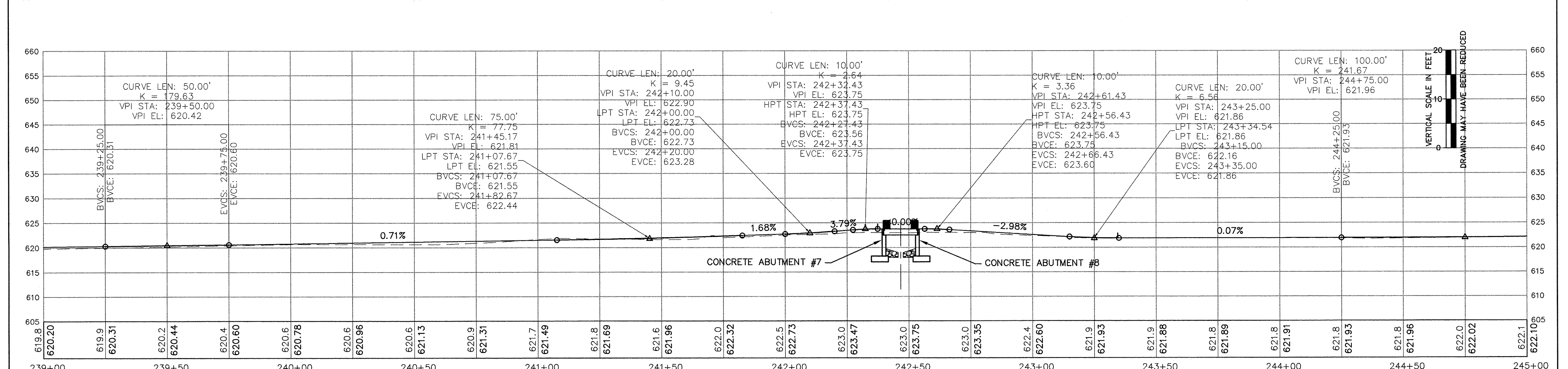
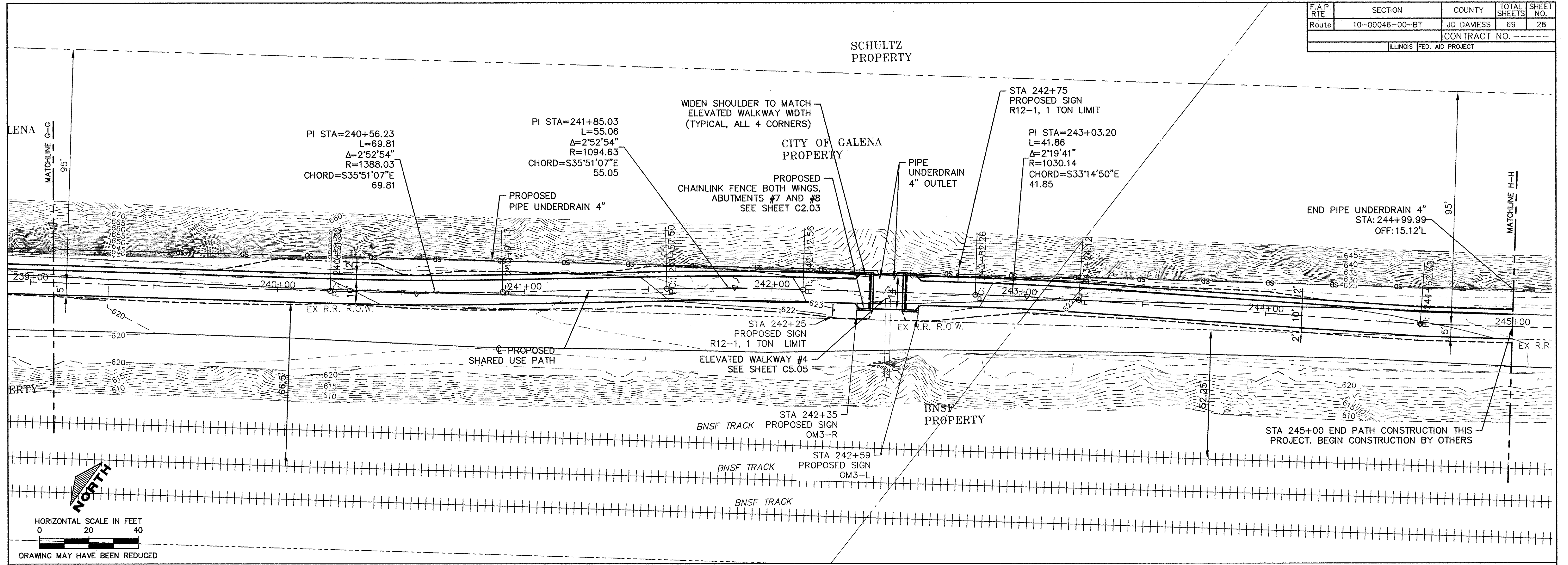


USER NAME = MWEIMERSKIRCH	DESIGNED -- --	REVISED -- --		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GALENA RIVER TRAIL PHASE 3 GALENA, ILLINOIS	FILE NAME = P:\12\028\028-01\Drawings\Civil\12028_P&P2
PLOT SCALE = --	DRAWN -- NOAH HOFRICHTER	REVISED -- --				
PLOT DATE = 8/29/2016 7:59 AM	CHECKED -- --	REVISED -- --	563.556.2464 ♦ 800.556.4491	SCALE: -- SHEET 27 OF 69 SHEETS STA. 233+50 TO STA. 239+00	SHEET NAME C3.07	
	DATE -- --	REVISED -- --	IIW, P.C. ♦ www.iivengr.com			

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route	10-00046-00-BT	JO DAVIESS	69	28
		CONTRACT NO. -----		
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	ALIGNED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
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	DATE	

PROFILE	SURVEYED	DATE
	ALIGNED	
	CHECKED	
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	NO. OF WAY CHECKED	
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	DATE	



USER NAME = MWEIMERSKIRCH	DESIGNED ---	REVISED ---
	DRAWN --- NOAH HOFRICHTER	REVISED ---
	CHECKED ---	REVISED ---
	DATE ---	REVISED ---

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 DEPARTMENT OF TRANSPORTATION

GALENA RIVER TRAIL PHASE 3
 GALENA, ILLINOIS

SCALE: --- SHEET 28 OF 69 SHEETS STA. 239+00 TO STA. 244+50

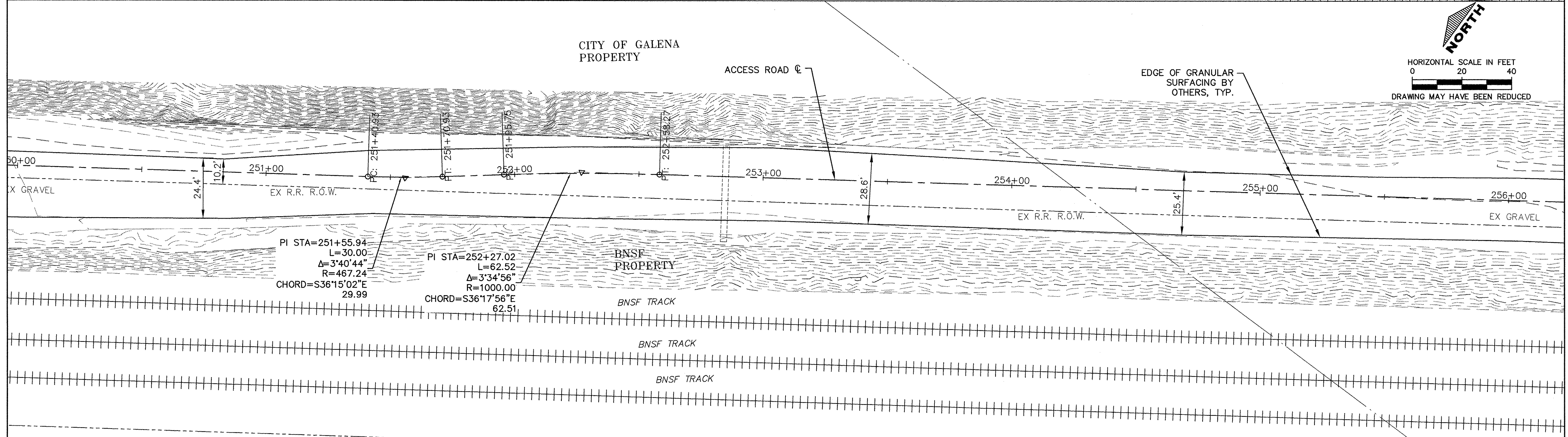
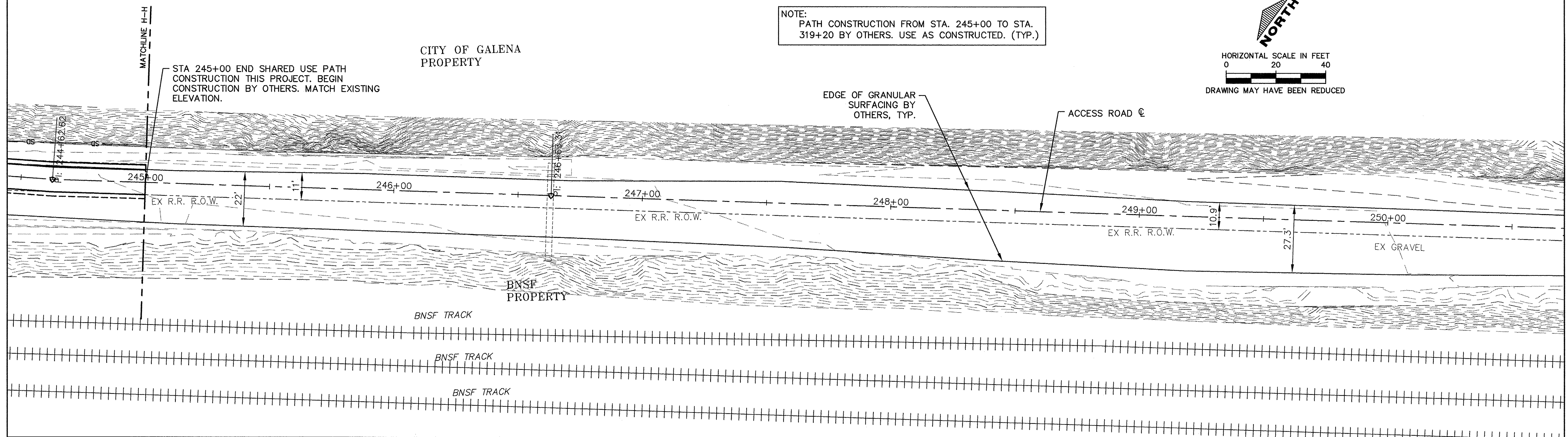
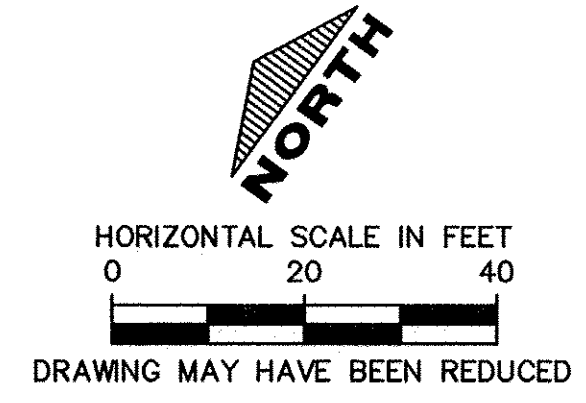
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route	10-00046-00-BT	JO DAVIESS	69	29
ILLINOIS FED. AID PROJECT			CONTRACT NO. -----	

DATE	BY
DATE	BY
DATE	BY

DATE	BY
DATE	BY
DATE	BY

NOTE:
PATH CONSTRUCTION FROM STA. 245+00 TO STA. 319+20 BY OTHERS. USE AS CONSTRUCTED. (TYP.)



USER NAME = MWEIMERSKIRCH	DESIGNED ---	REVISED ---
PLOT SCALE = SEE PLAN	DRAWN --- NOAH HOFRICHTER	REVISED ---
PLOT DATE = 8/29/2016 8:00 AM	CHECKED ---	REVISED ---
	DATE ---	REVISED ---

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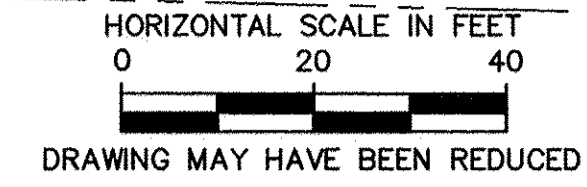
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GALENA RIVER TRAIL PHASE 3
PLAN SHEETS STA. 245+00 TO 256+00
SCALE: 1"=40' SHEET 29 OF 69 SHEETS STA. 245+00 TO STA. 256+00

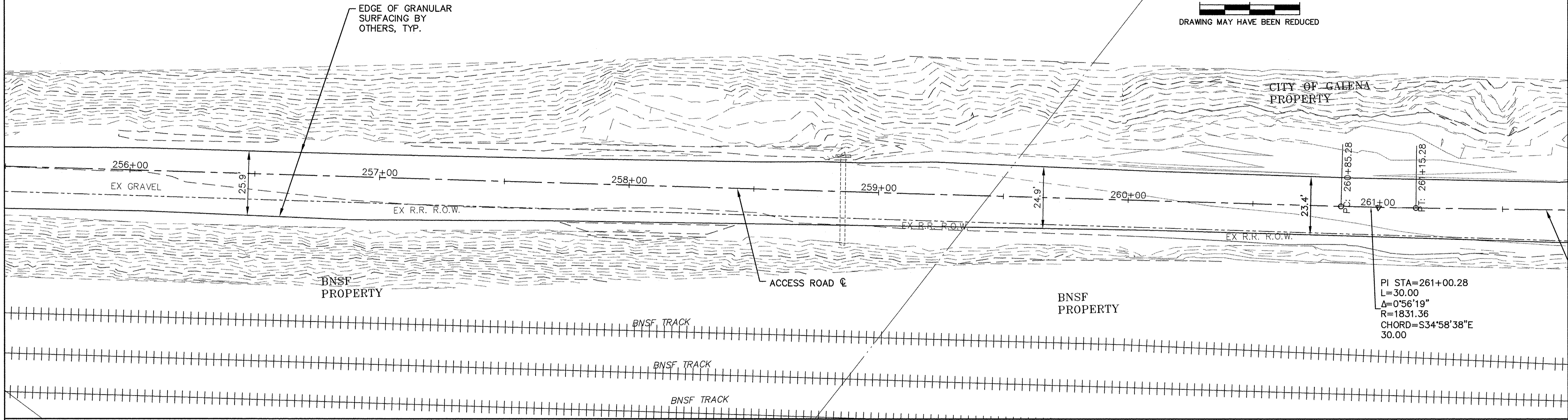
FILE NAME = P:\12\028\028-01\Drawings\Civil\12028_P&P3
SHEET NAME C4.01

JO DAVIESS CONSERVATION
FOUNDATION PROPERTY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route	10-00046-00-BT	JO DAVIESS	69	30
ILLINOIS FED. AID PROJECT			CONTRACT NO. -----	

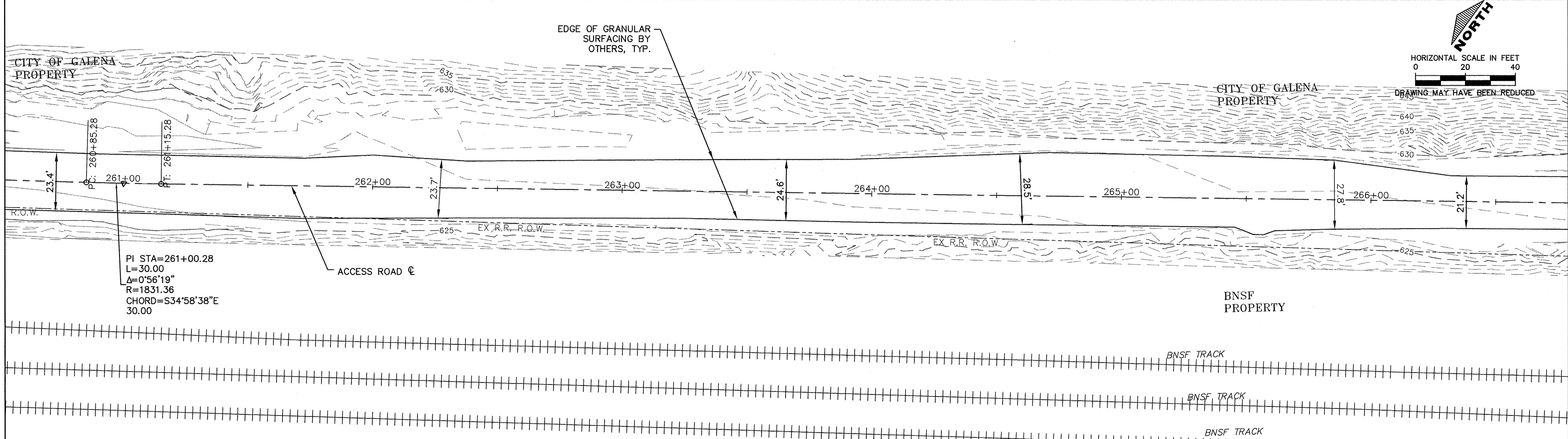


DATE	BY

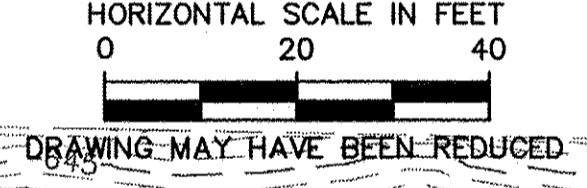


PI STA=261+00.28
L=30.00
 $\Delta=0^{\circ}56'19''$
R=1831.36
CHORD=S34°58'38"E
30.00

DATE	BY



PI STA=261+00.28
L=30.00
 $\Delta=0^{\circ}56'19''$
R=1831.36
CHORD=S34°58'38"E
30.00



USER NAME = MWEIMERSKIRCH	DESIGNED -- --	REVISED -- --
	DRAWN -- NOAH HOFRICHTER	REVISED -- --
PLOT SCALE = SEE PLAN	CHECKED -- --	REVISED -- --
PLOT DATE = 8/29/2016 8:00 AM	DATE -- --	REVISED -- --

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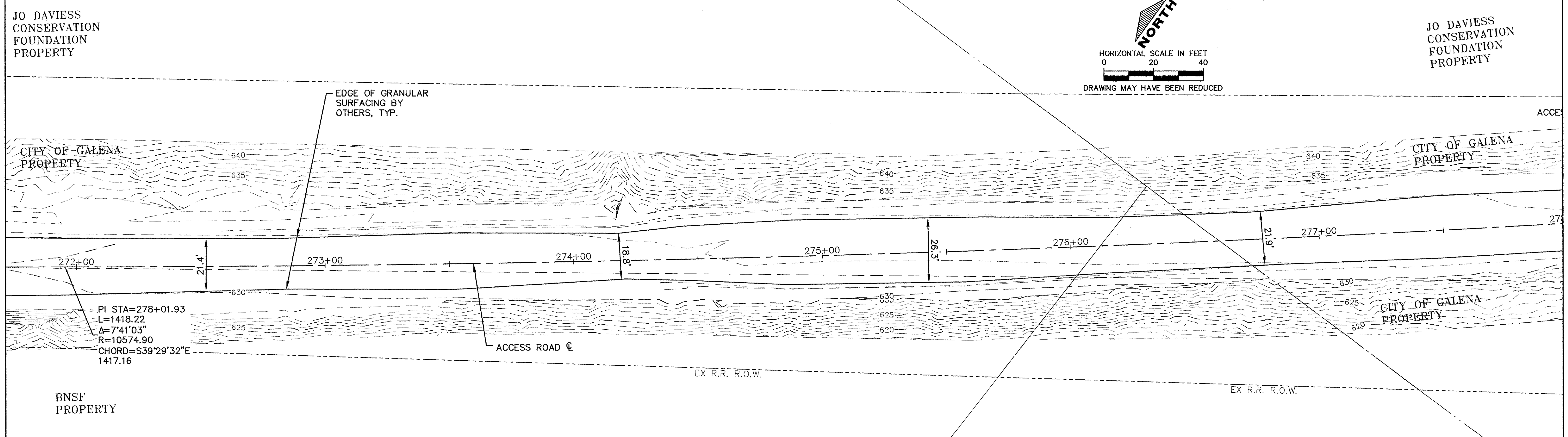
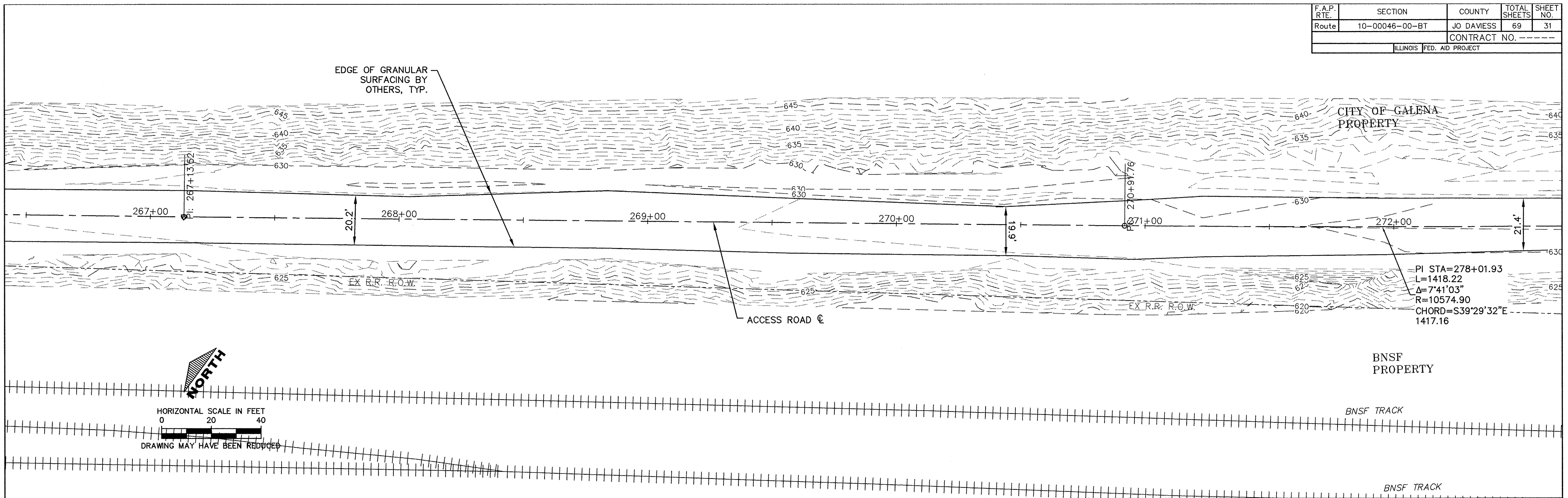
GALENA RIVER TRAIL PHASE 3
PLAN SHEETS STA. 256+00 TO 266+50
SCALE: 1"=40' SHEET 30 OF 69 SHEETS STA. 256+00 TO STA. 266+00

FILE NAME = P:\12\028\028-01\Drawings\Civil\12028_P&P3
SHEET NAME C4.02

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route	10-00046-00-BT	JO DAVIESS	69	31
CONTRACT NO. -----			ILLINOIS FED. AID PROJECT	

DATE	BY
DATE	BY

DATE	BY
DATE	BY



USER NAME = MWEIMERSKIRCH	DESIGNED ---	REVISED ---
PLOT SCALE = SEE PLAN	DRAWN --- NOAH HOFRICHTER	REVISED ---
PLOT DATE = 8/29/2016 8:00 AM	CHECKED ---	REVISED ---
	DATE ---	REVISED ---

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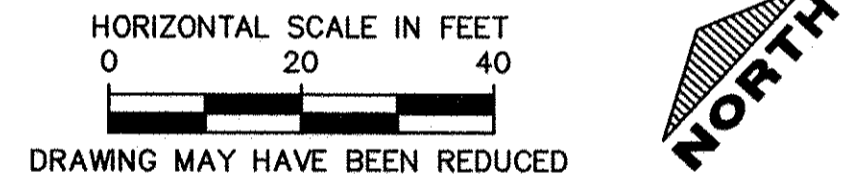
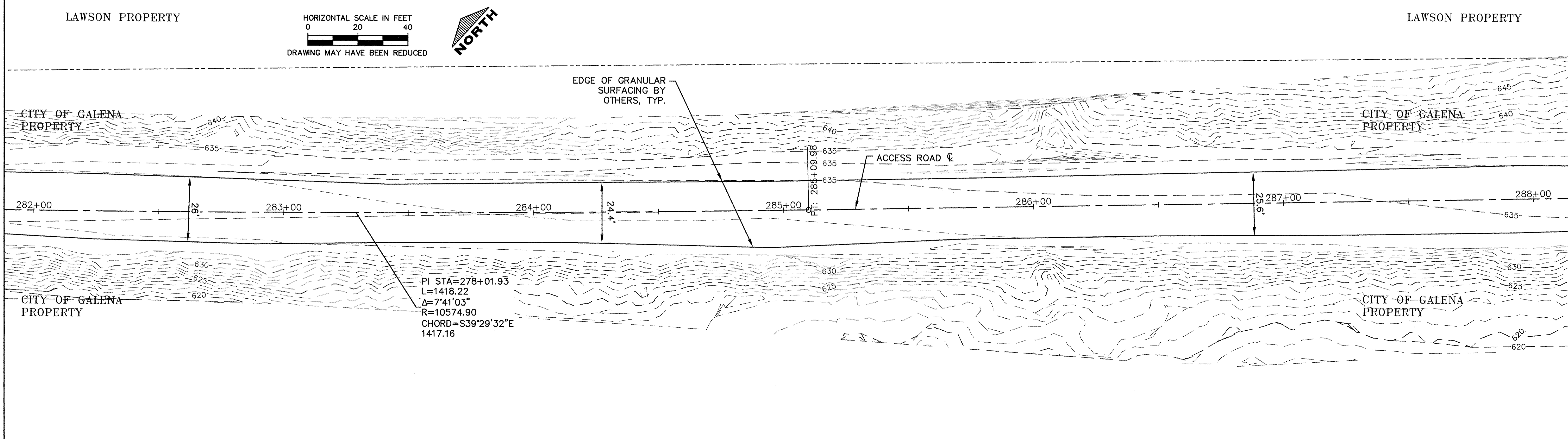
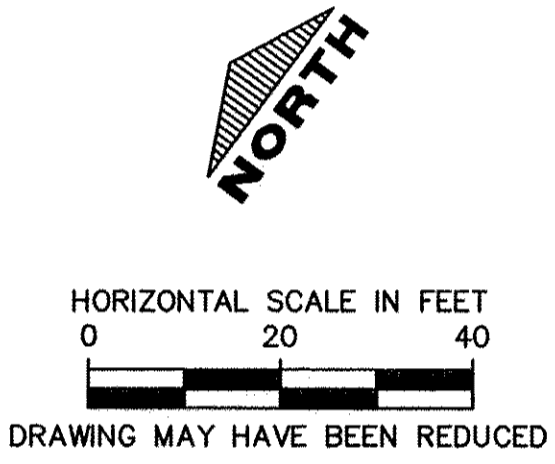
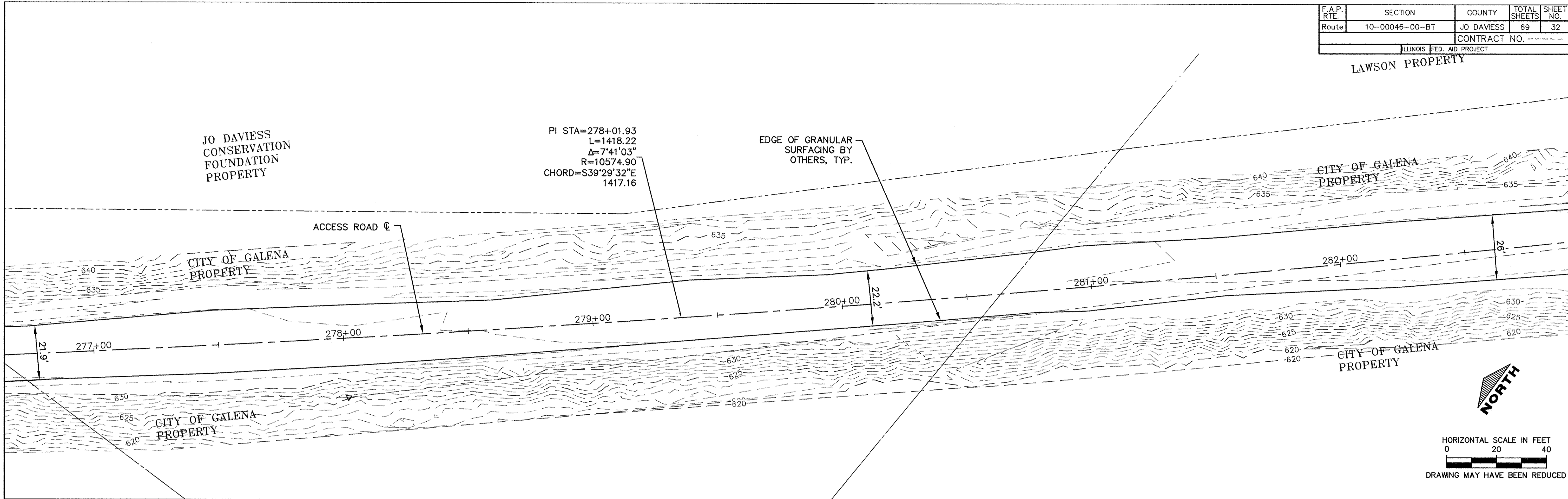
GALENA RIVER TRAIL PHASE 3
PLAN SHEETS STA. 266+50 TO 277+00
SCALE: 1"=40' SHEET 31 OF 69 SHEETS STA. 267+00 TO STA. 277+00

FILE NAME = P:\12\028\028-01\Drawings\Civil\12028_P&P3
SHEET NAME C4.03

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route	10-00046-00-BT	JO DAVIESS	69	32
ILLINOIS FED. AID PROJECT			CONTRACT NO. -----	

DATE	
BY	
SURVEYED	
ALIGNED	
NOTED	
NO.	

DATE	
BY	
SURVEYED	
GRADES CHECKED	
S.M. NOTED	
NO.	



USER NAME = MWEIMERSKIRCH	DESIGNED -- --	REVISED -- --
PLOT SCALE = --	DRAWN -- NOAH HOFRICHTER	REVISED -- --
PLOT DATE = 8/29/2016 8:00 AM	CHECKED -- --	REVISED -- --
	DATE -- --	REVISED -- --

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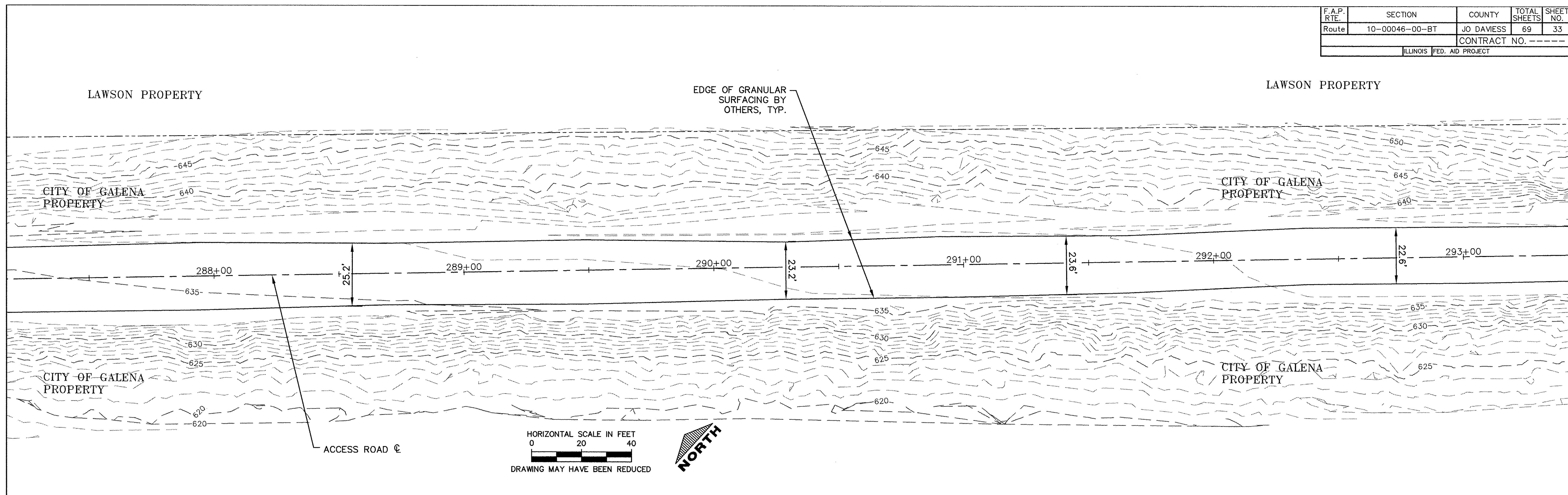
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

GALENA RIVER TRAIL PHASE 3
 PLAN SHEETS STA. 277+00 TO 288+00
 SCALE: 1"=40' SHEET 32 OF 69 SHEETS STA. 277+00 TO STA. 288+00

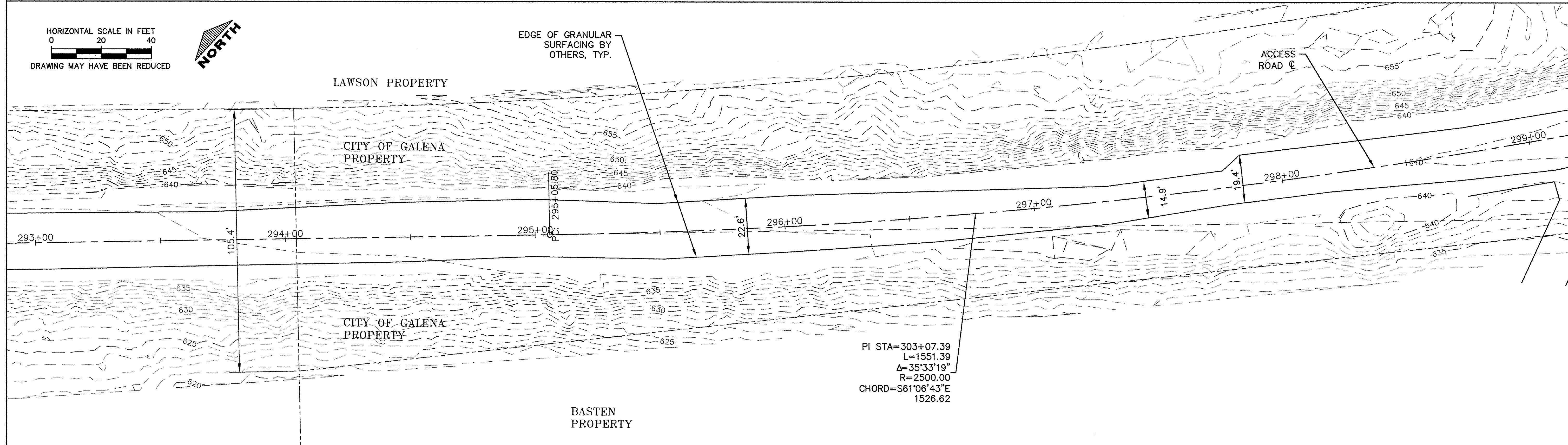
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 SHEET NAME C4.04

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route	10-00046-00-BT	JO DAVIESS	69	33
CONTRACT NO. -----				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	RT. OF WAY CHECKED		
	CADD FILE NAME		
	NO.		



PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	STRUCTURE NOTATIONS CHK'D		
	NO.		



USER NAME = MWEIMERSKIRCH	DESIGNED ---	REVISED ---
	DRAWN --- NOAH HOFRICHTER	REVISED ---
PLOT SCALE ---	CHECKED ---	REVISED ---
PLOT DATE = 8/29/2016 8:00 AM	DATE ---	REVISED ---

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

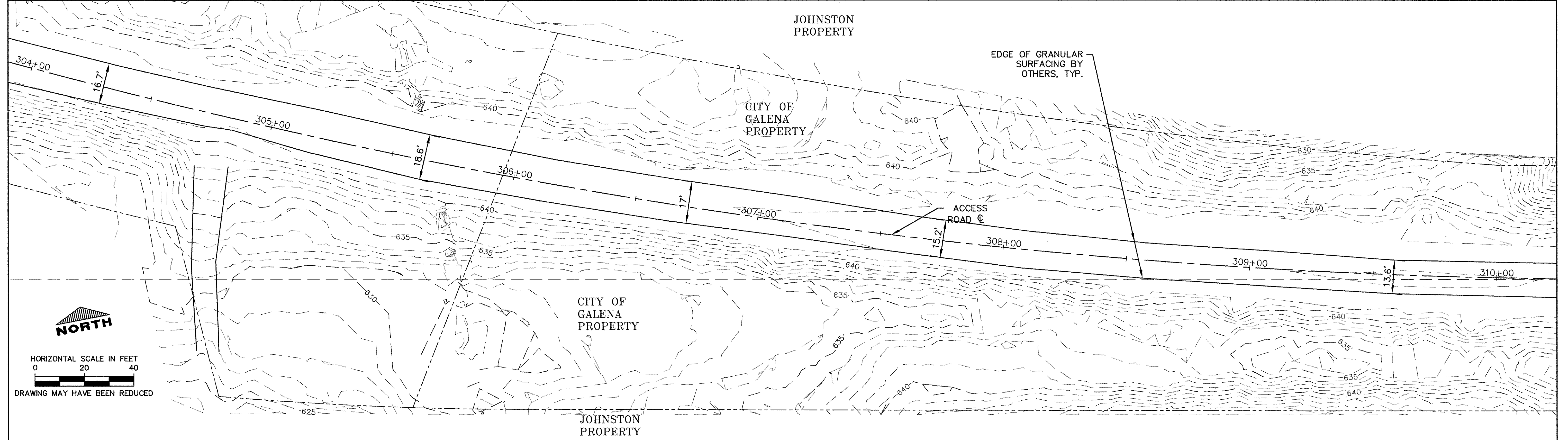
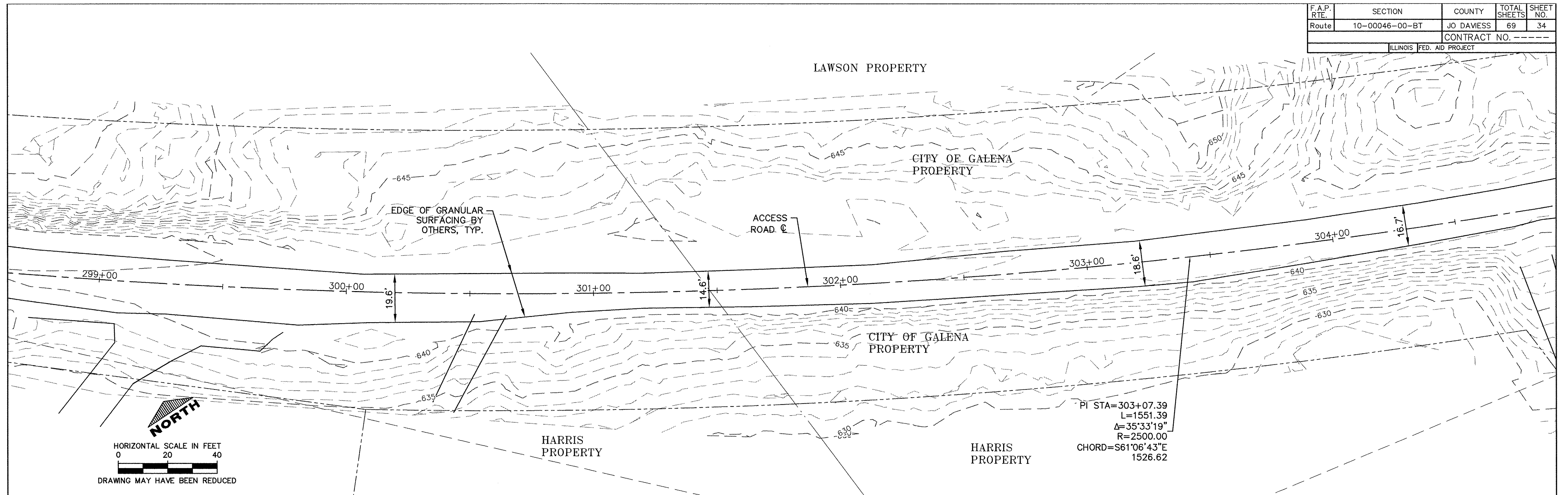
GALENA RIVER TRAIL PHASE 3
 PLAN SHEETS STA. 288+00 TO 299+00
 SCALE: 1"=40' SHEET 33 OF 69 SHEETS STA. 288+00 TO STA. 299+00

FILE NAME = P:\12\028\028-01\Drawings\Civil\12028_P&P3
 SHEET NAME C4.05

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route	10-00046-00-BT	JO DAVIESS	69	34
ILLINOIS FED. AID PROJECT			CONTRACT NO. -----	

DATE	BY
DATE	BY
DATE	BY

DATE	BY
DATE	BY
DATE	BY



USER NAME = MWEIMERSKIRCH	DESIGNED -- --	REVISED -- --
	DRAWN -- NOAH HOFRICHTER	REVISED -- --
PLOT SCALE -- --	CHECKED -- --	REVISED -- --
PLOT DATE = 8/29/2016 8:01 AM	DATE -- --	REVISED -- --

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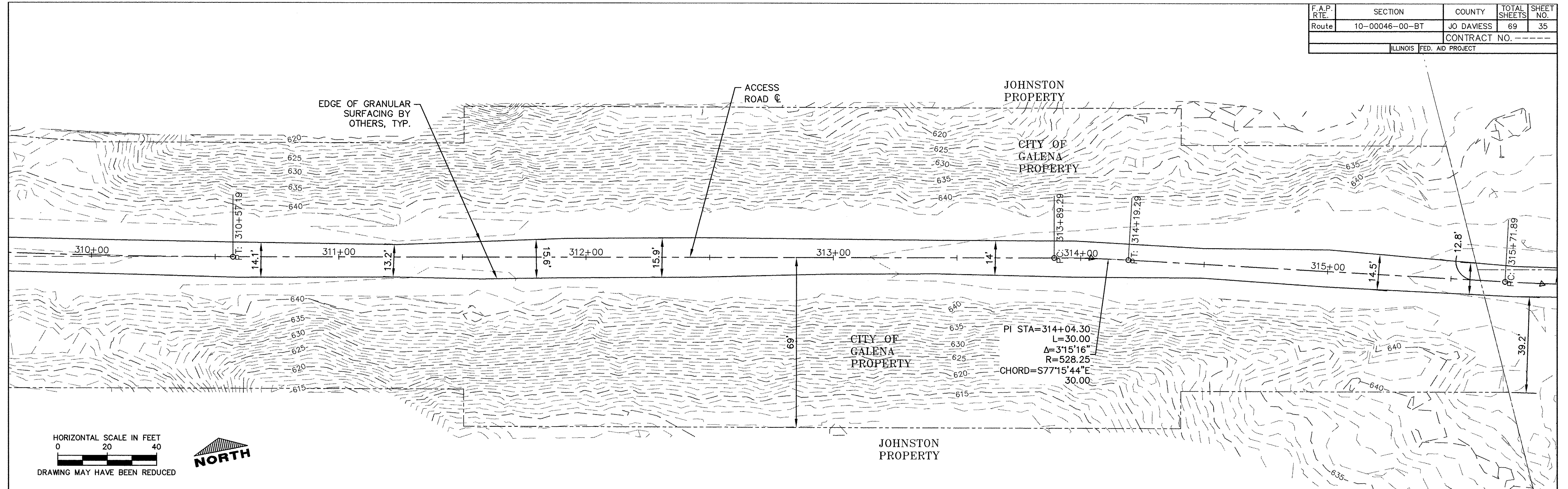
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

GALENA RIVER TRAIL PHASE 3
 PLAN SHEETS STA. 299+00 TO STA. 310+00
 SCALE: 1"=40' SHEET 34 OF 69 SHEETS STA. 299+00 TO STA. 310+00

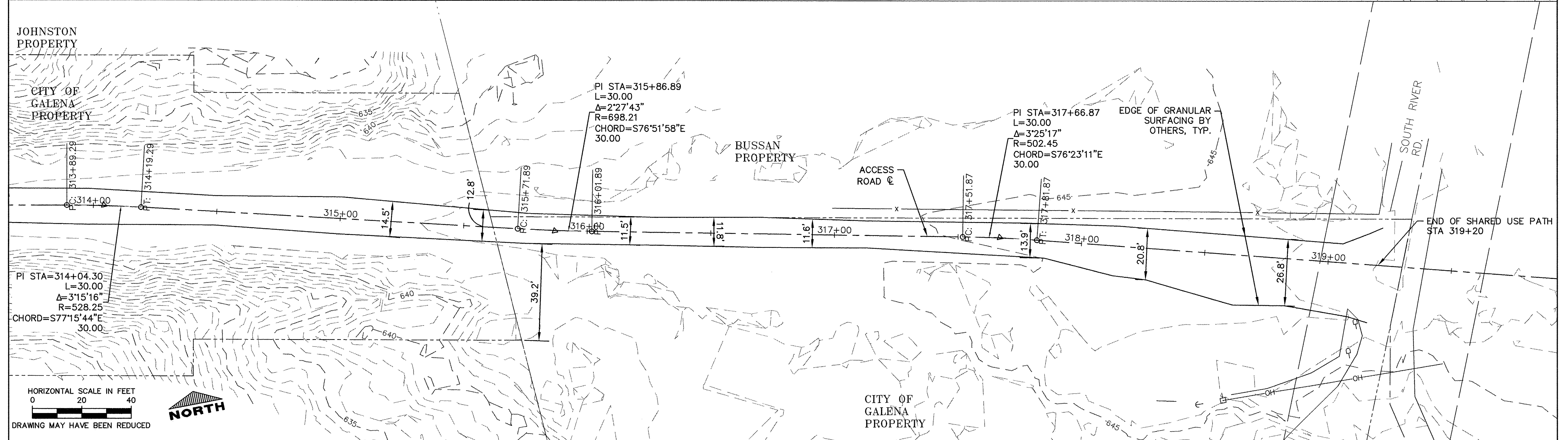
FILE NAME = P:\12\028\028-01\Drawings\Civil\12028_P&P3
 SHEET NAME C4.06

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route 10-00046-00-BT		JO DAVIESS	69	35
				CONTRACT NO. -----
ILLINOIS FED. AID PROJECT				

DATE	
BY	
PLANNED	
NOTED	
ALIGNED	
CHECKED	
CADD FILE NAME	
NO.	



DATE	
BY	
PROFILE	
GRADES	
CHECKED	
STRUCTURE	
NOTATIONS	
CHKD	
NO.	



USER NAME = MWEIMERSKIRCH	DESIGNED -- --	REVISED -- --
	DRAWN -- NOAH HOFRICHTER	REVISED -- --
PLOT SCALE = --	CHECKED -- --	REVISED -- --
PLOT DATE = 8/29/2016 8:01 AM	DATE -- --	REVISED -- --

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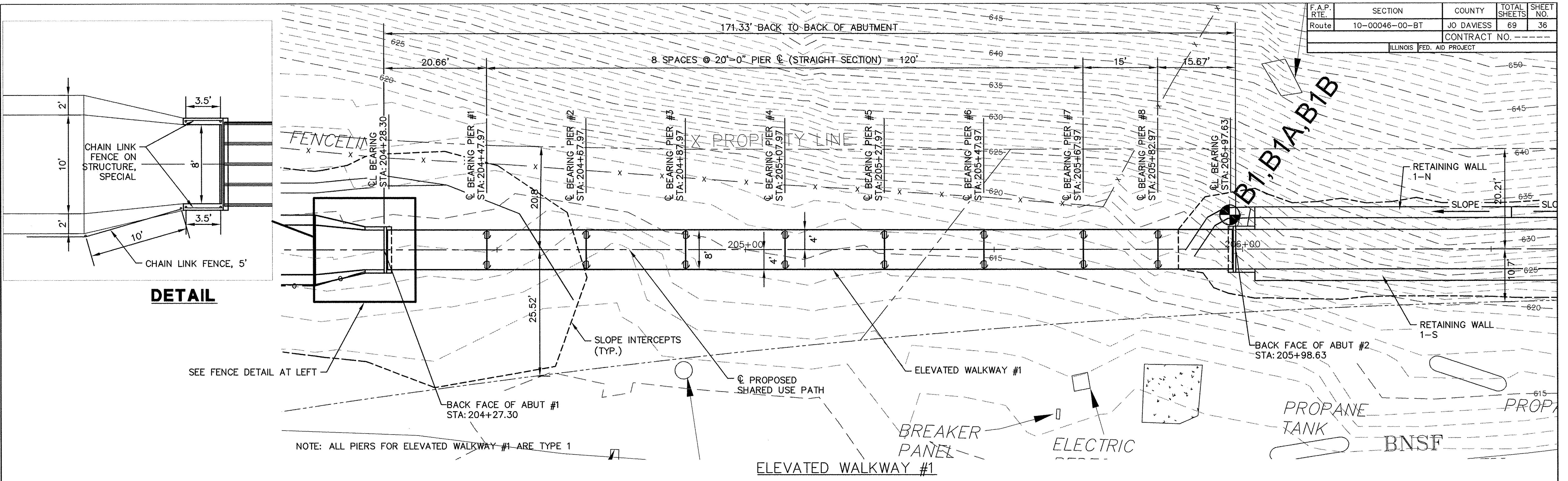
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

GALENA RIVER TRAIL PHASE 3
 PLAN SHEETS STA. 310+00 TO STA. 319+20
 SCALE: 1"=40' SHEET 35 OF 69 SHEETS STA. 310+00 TO STA. 319+20

FILE NAME = P:\12\028\028-01\Drawings\Civil\12028_P&P3
 SHEET NAME C4.07

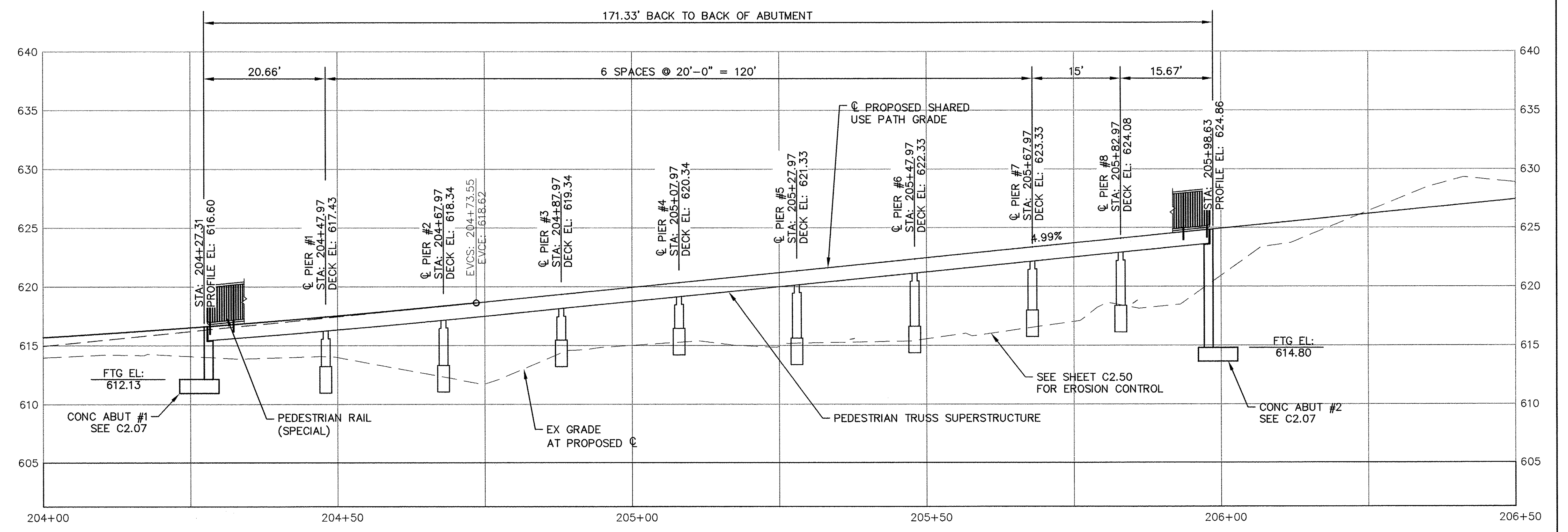
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route 10-00046-00-BT	JO DAVIESS	JO DAVIESS	69	36
ILLINOIS FED. AID PROJECT				
CONTRACT NO. -----				

PLAN	DATE
SURVEYED	BY
PLOTTED	BY
ALIGNMENT CHECKED	BY
NOTE BOOK NO.	NO.
CADD FILE NAME	



PROFILE	DATE
SURVEYED	BY
PLOTTED	BY
GRADES CHECKED	BY
NOTE BOOK NO.	NO.
STRUCTURE NOTATIONS CHYD	

SEE SHEET C3.01 FOR PROPOSED CONTOURS.



USER NAME = MWEIMERSKIRCH	DESIGNED ---	REVISED ---
	DRAWN --- NOAH HOFRICHTER	REVISED ---
	CHECKED ---	REVISED ---
PLOT DATE = 8/29/2016 8:01 AM	DATE ---	REVISED ---

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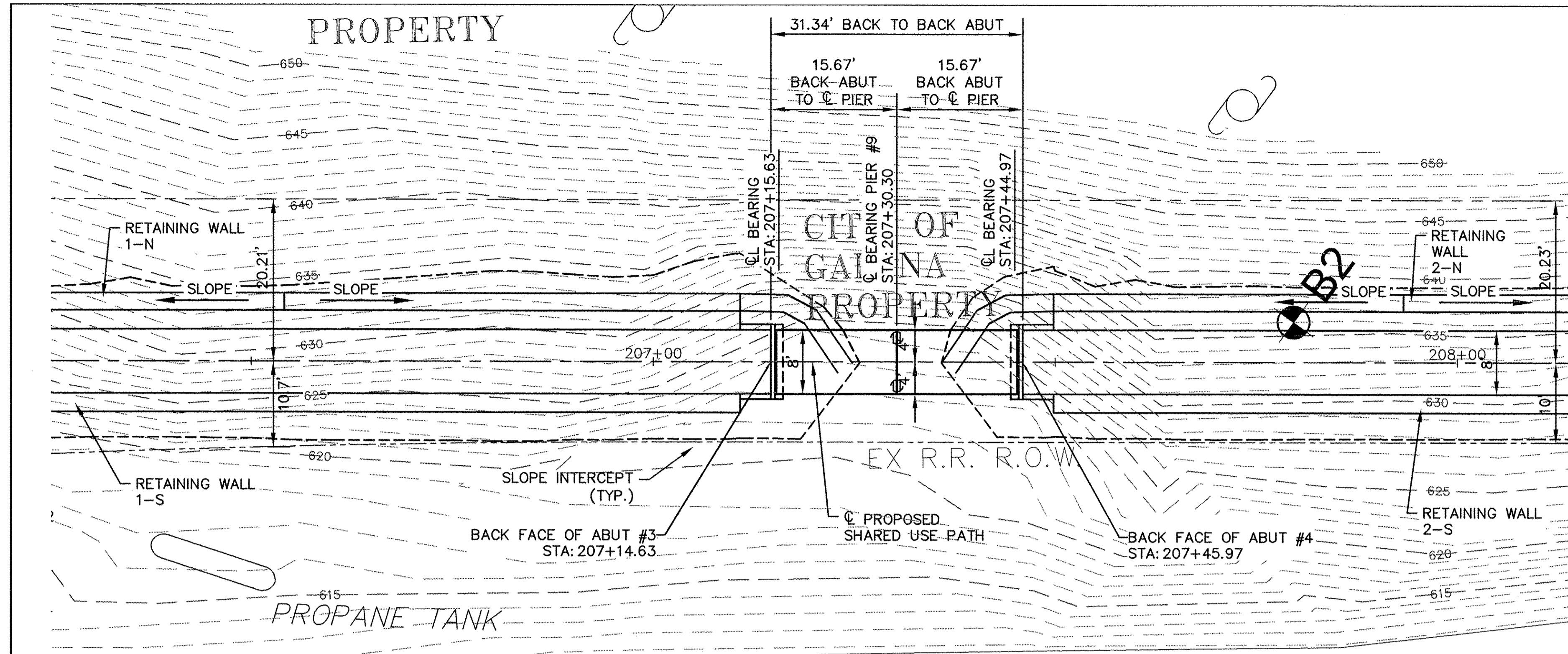
GALENA RIVER TRAIL PHASE 3 ELEVATED WALKWAY #1	
SCALE: ---	SHEET 36 OF 69 SHEETS STA. 204+00 TO STA. 206+50

FILE NAME = P:\12\028\028-01\Drawings\Civil\12028_sit plan1	SHEET NAME C5.01
---	------------------

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route	10-00046-00-BT	JO DAVIESS	69	37
ILLINOIS FED. AID PROJECT			CONTRACT NO. -----	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTED		
	NO. _____		

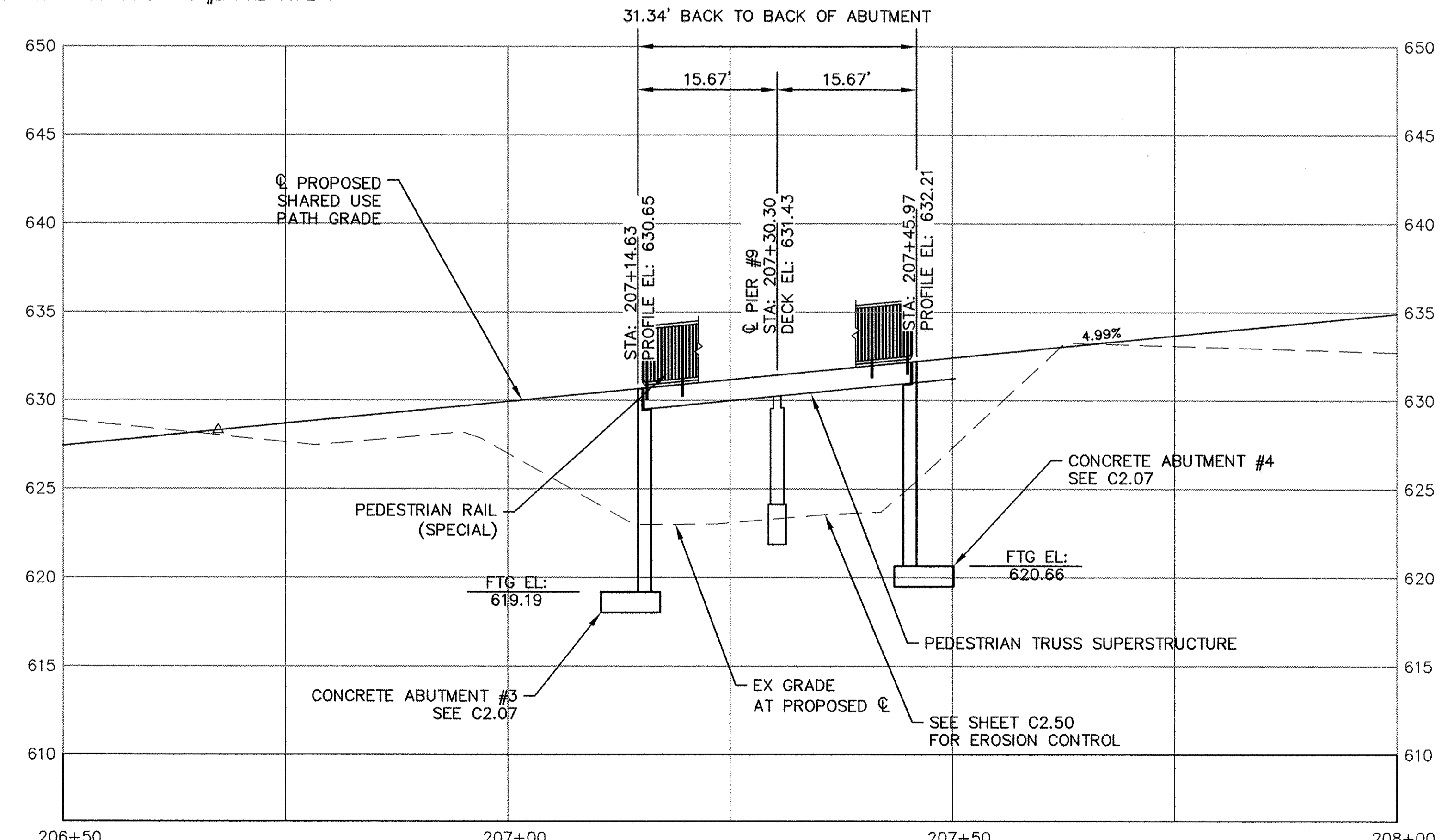
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	NOTED		
	NO. _____		



SEE SHEET C3.01 & C3.02 FOR PROPOSED CONTOURS.

BNSF PROPERTY

NOTE: ALL PIERS FOR ELEVATED WALKWAY #2 ARE TYPE 1



USER NAME = MWEIMERSKIRCH	DESIGNED ---	REVISED ---
	DRAWN --- NOAH HOFRICHTER	REVISED ---
	CHECKED ---	REVISED ---
PLOT DATE = 8/29/2016 8:01 AM	DATE ---	REVISED ---

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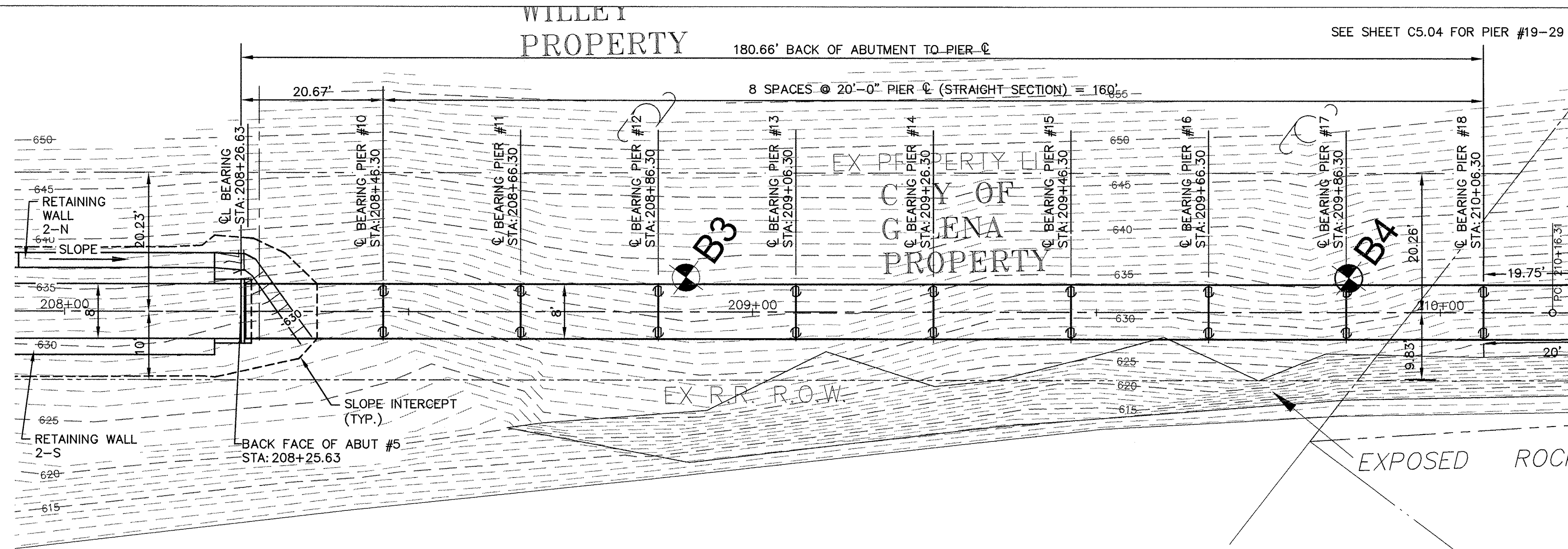
GALENA RIVER TRAIL PHASE 3
 ELEVATED WALKWAY #2
 SCALE: -- SHEET 37 OF 69 SHEETS STA. 206+50 TO STA. 208+00

FILE NAME = P:\12\028\028-01\Drawings\Civil\12028_sit plan1
 SHEET NAME C5.02

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route 10-00046-00-BT		JO DAVIESS	69	38
CONTRACT NO. -----			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	GRADES CHECKED	
	BY	
	DATE	

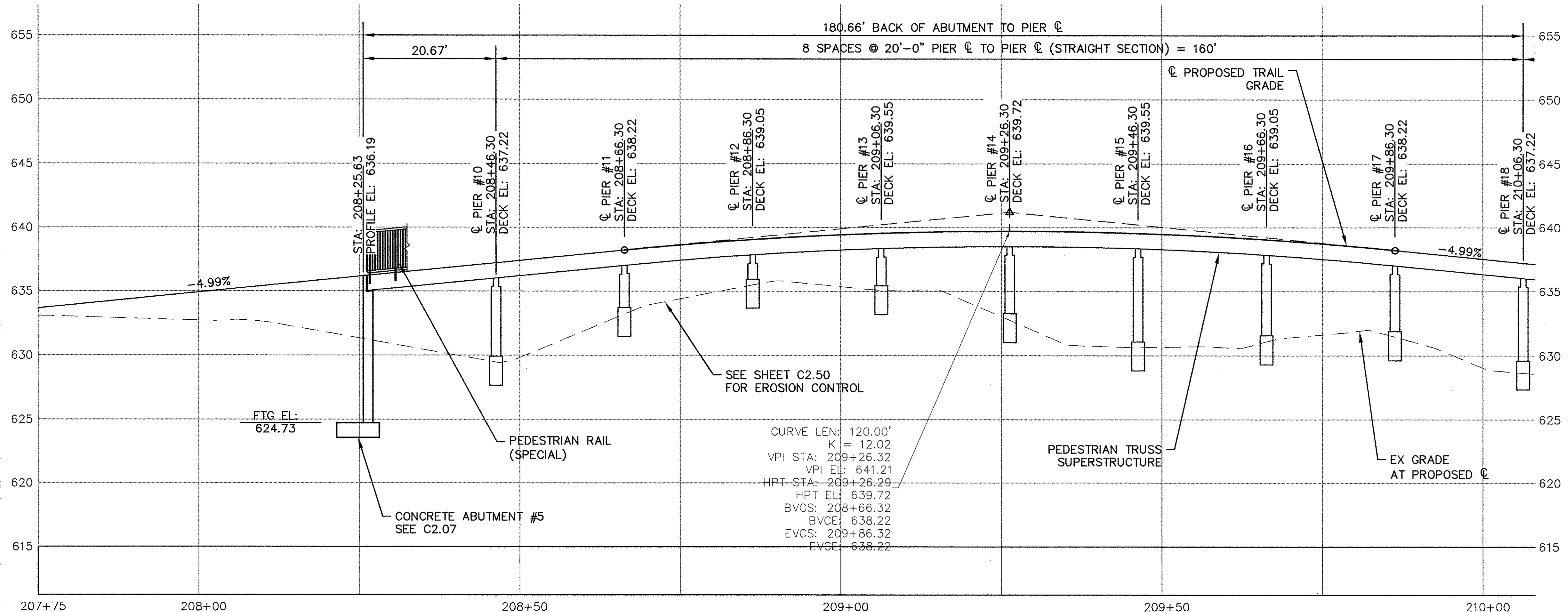
PROFILE	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	GRADES CHECKED	
	BY	
	DATE	



SEE SHEET C3.02 FOR PROPOSED CONTOURS.

PIERS FOR ELEVATED WALKWAY #3 TYPE 1 EXCEPT FOR TWO PIERS AT:
STA 211+85.67
STA 212+05.67

ELEVATED WALKWAY #3



USER NAME = MWEIMERSKIRCH	DESIGNED ---	REVISED ---
	DRAWN --- NOAH HOFRICHTER	REVISED ---
PLOT SCALE = ---	CHECKED ---	REVISED ---
PLOT DATE = 8/29/2016 8:02 AM	DATE ---	REVISED ---

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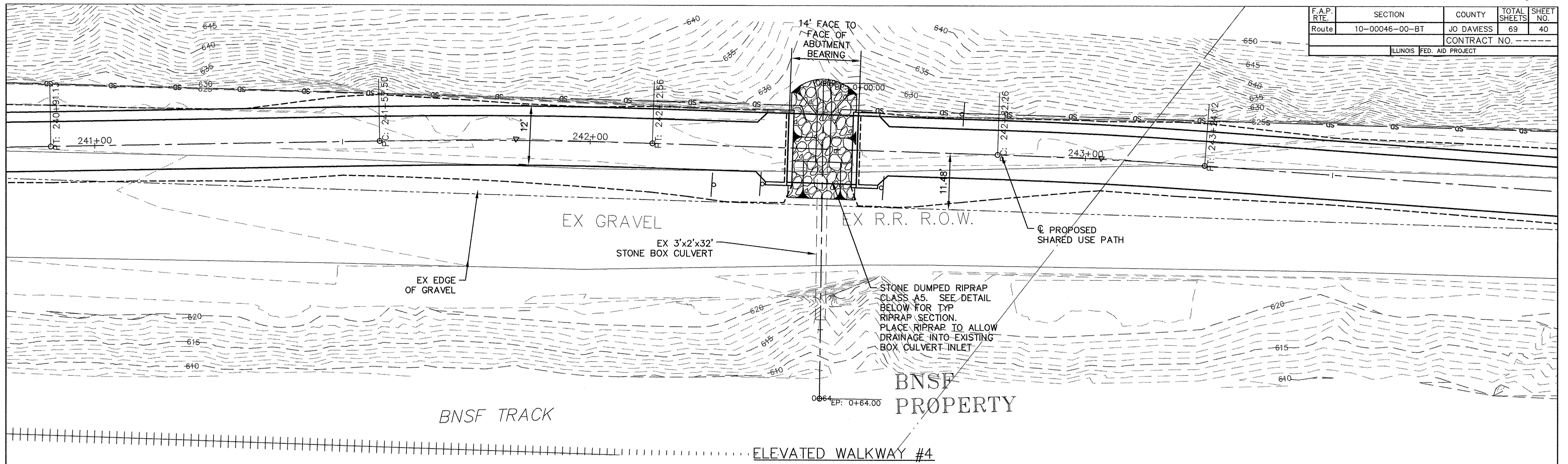
SCALE: ---	SHEET 38 OF 69 SHEETS	STA. 207+75 TO STA. 210+75
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GALENA RIVER TRAIL PHASE 3
ELEVATED WALKWAY #3

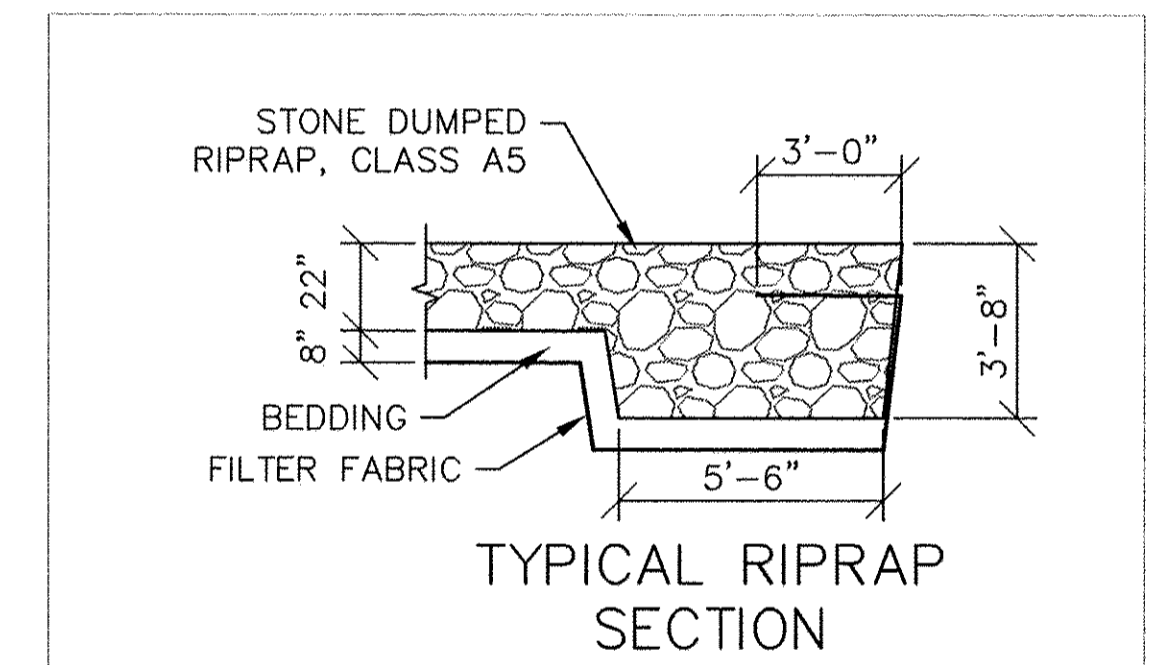
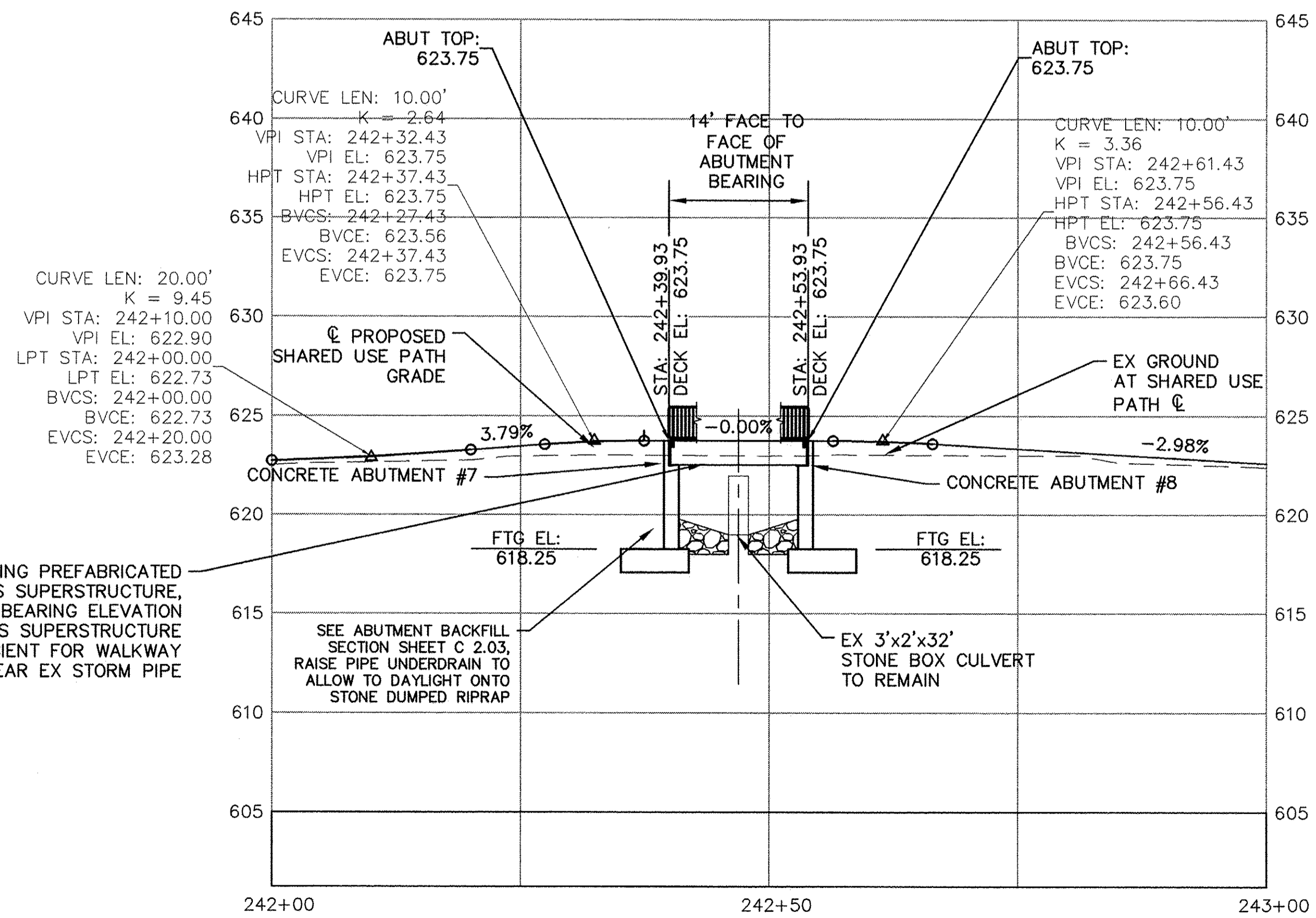
FILE NAME = P:\12\028\028-01\Drawings\Civil\12028_sit plan1	SHEET NAME C5.03
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route	10-00046-00-BT	JO DAVIESS	69	40
		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				

DATE	BY	REVISION
PLAN		
NOTE BOOK NO.		
ALIGNED CHECKED		
PLotted CHECKED		
CADD FILE NAME		



DATE	BY	REVISION
PROFILE		
NOTE BOOK NO.		
GRADES CHECKED		
STRUCTURE NOTATIONS OK'D		



USER NAME = MWEIMERSKIRCH	DESIGNED -- --	REVISED -- --
	DRAWN -- NOAH HOFRICHTER	REVISED -- --
PLOT SCALE -- --	CHECKED -- --	REVISED -- --
PLOT DATE = 8/29/2016 8:02 AM	DATE -- --	REVISED -- --

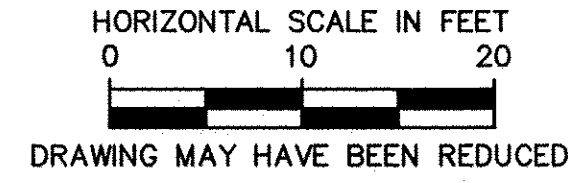
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

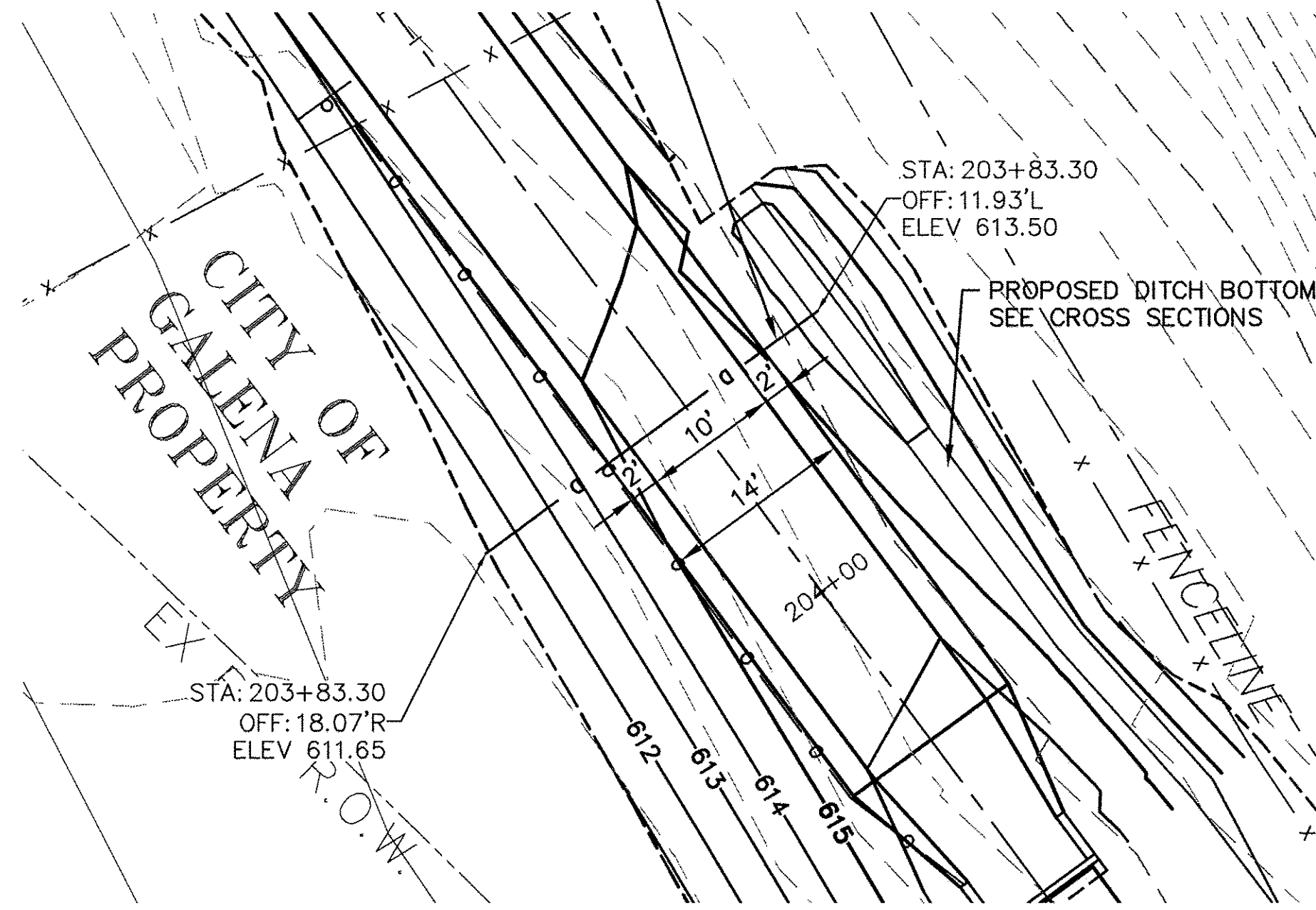
GALENA RIVER TRAIL PHASE 3
ELEVATED WALKWAY #4
SCALE: -- SHEET 40 OF 69 SHEETS STA. 242+00 TO STA. 243+00

FILE NAME = P:\12\028\028-01\Drawings\Civil\12028_sit plan1
SHEET NAME C5.05

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route	10-00046-00-BT	JO DAVIESS	69	41
CONTRACT NO. -----			ILLINOIS FED. AID PROJECT	



PIPE CULVERT,
CLASS D, TYPE 1 12"
30'



PIPE CULVERT - STA: 203+83.30

11x17 SCALE: 1"=20'
22x34 SCALE: 1"=10'

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKO	
NOTE BOOK NO.		
CADD FILE NAME		

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKO	
NOTE BOOK NO.		
CADD FILE NAME		

USER NAME = MWEIMERSKIRCH	DESIGNED ---	REVISED ---
	DRAWN --- NOAH HOFRICHTER	REVISED ---
PLOT SCALE = ---	CHECKED ---	REVISED ---
PLOT DATE = 8/29/2016 8:02 AM	DATE ---	REVISED ---

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GALENA RIVER TRAIL PHASE 3
GALENA, ILLINOIS

SCALE: --- SHEET 41 OF 69 SHEETS STA. --- TO STA. ---

FILE NAME = P:\12\028\028-01\Drawings\Civil\12028_sit_plan_pipes

SHEET NAME C5.06

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route	10-00046-00-BT	JO DAVIESS	69	42
ILLINOIS FED. AID PROJECT			CONTRACT NO. -----	

PROJECT Galena River Trail, Phase 3, Galena, Illinois

CLIENT City of Galena, Galena, Illinois

BORING 1 DATE STARTED 10-27-11 DATE COMPLETED 10-27-11 JOB L-77,608

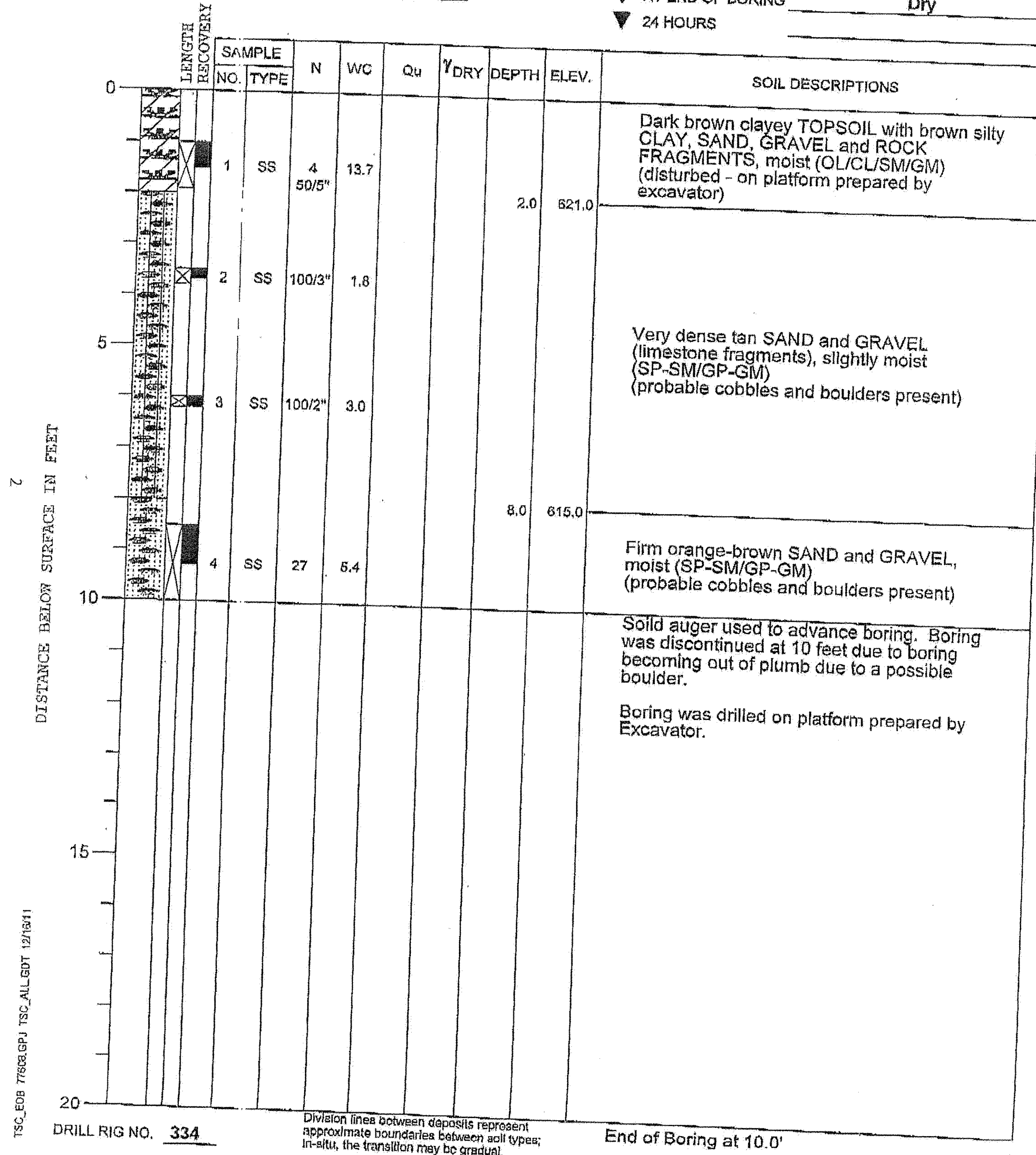
ELEVATIONS
GROUND SURFACE 623.0
END OF BORING 613.0

WATER LEVEL OBSERVATIONS
▽ WHILE DRILLING Dry
▽ AT END OF BORING Dry
▽ 24 HOURS



DATE	
BY	
SURVEYED	
PLOTTED	
CHECKED	
FILED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
CHECKED	
FILED	
NO.	



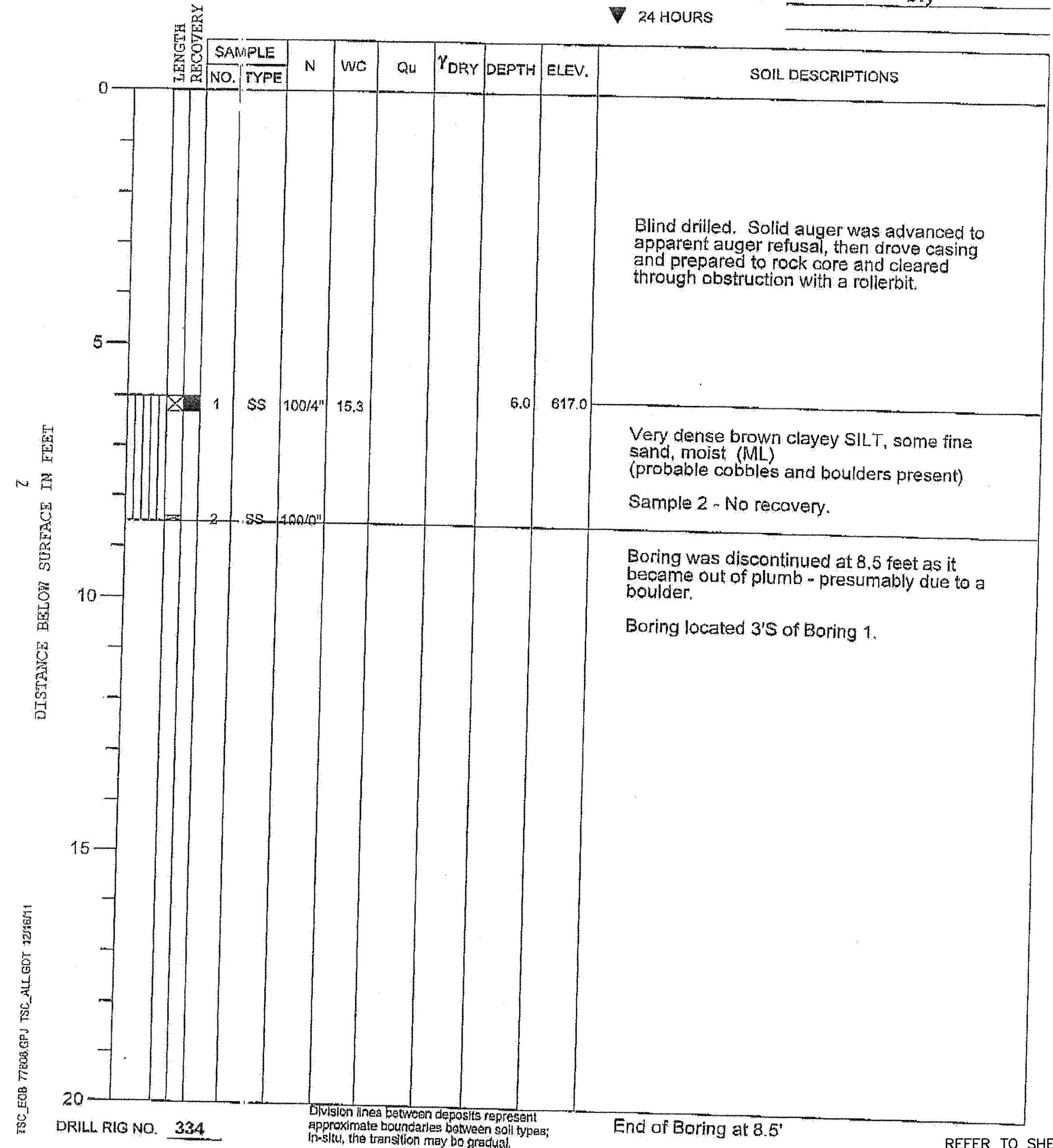
PROJECT Galena River Trail, Phase 3, Galena, Illinois

CLIENT City of Galena, Galena, Illinois

BORING 1A DATE STARTED 10-27-11 DATE COMPLETED 10-27-11 JOB L-77,608

ELEVATIONS
GROUND SURFACE 623.0
END OF BORING 614.5

WATER LEVEL OBSERVATIONS
▽ WHILE DRILLING Dry
▽ AT END OF BORING Dry
▽ 24 HOURS



TSC_EOB 77608.GPJ TSC_ALL.GDT 12/18/11

TSC_EOB 77608.GPJ TSC_ALL.GDT 12/18/11

USER NAME = DSCHWARZ	DESIGNED ---	REVISED ---
PLOT SCALE = ---	DRAWN --- NOAH HOFRICHTER	REVISED ---
PLOT DATE = 8/29/2016 8:03 AM	CHECKED ---	REVISED ---
	DATE ---	REVISED ---

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DEPARTMENT OF TRANSPORTATION

GALENA RIVER TRAIL PHASE 3
BORING DATA

SCALE: --- SHEET 42 OF 69 SHEETS STA. TO STA.

REFER TO SHEET C2.50 FOR PLAN VIEW OF BORING LOCATIONS

FILE NAME = P:\12\028\028-01\Drawings\Civil\12028_soil_borings

SHEET NAME C6.01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route 10-00046-00-BT		JO DAVISS	69	43
CONTRACT NO. -----			ILLINOIS FED. AID PROJECT	

PROJECT Galena River Trail, Phase 3, Galena, Illinois
 CLIENT City of Galena, Galena, Illinois
 BORING 1B DATE STARTED 10-27-11 DATE COMPLETED 10-27-11 JOB L-77,608



ELEVATIONS
 GROUND SURFACE 623.0
 END OF BORING 599.5

WATER LEVEL OBSERVATIONS
 ▽ WHILE DRILLING Dry
 ▽ AT END OF BORING Dry
 ▽ 24 HOURS

PROJECT Galena River Trail, Phase 3, Galena, Illinois
 CLIENT City of Galena, Galena, Illinois
 BORING 1E DATE STARTED 10-27-11 DATE COMPLETED 10-27-11 JOB L-77,608

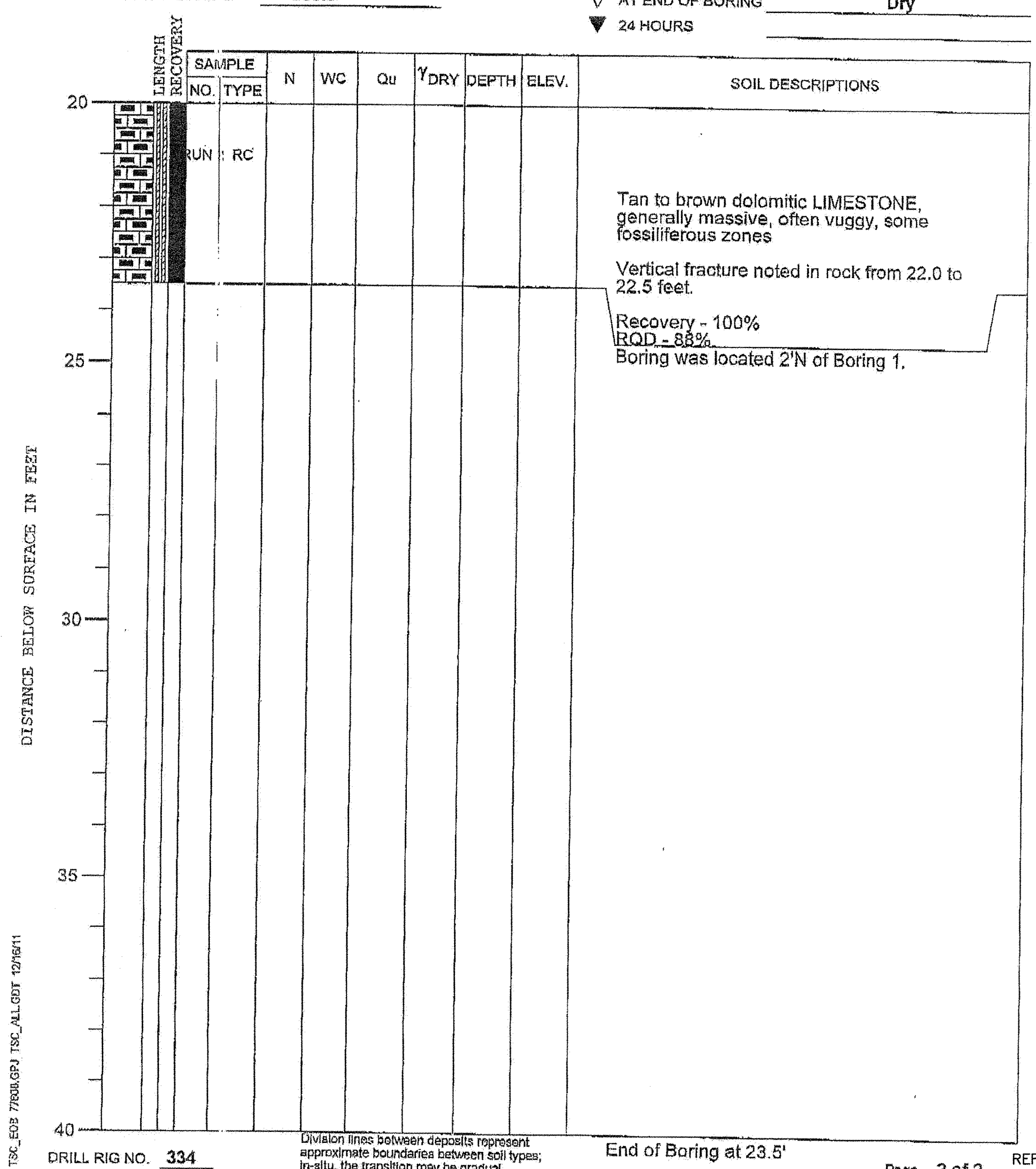
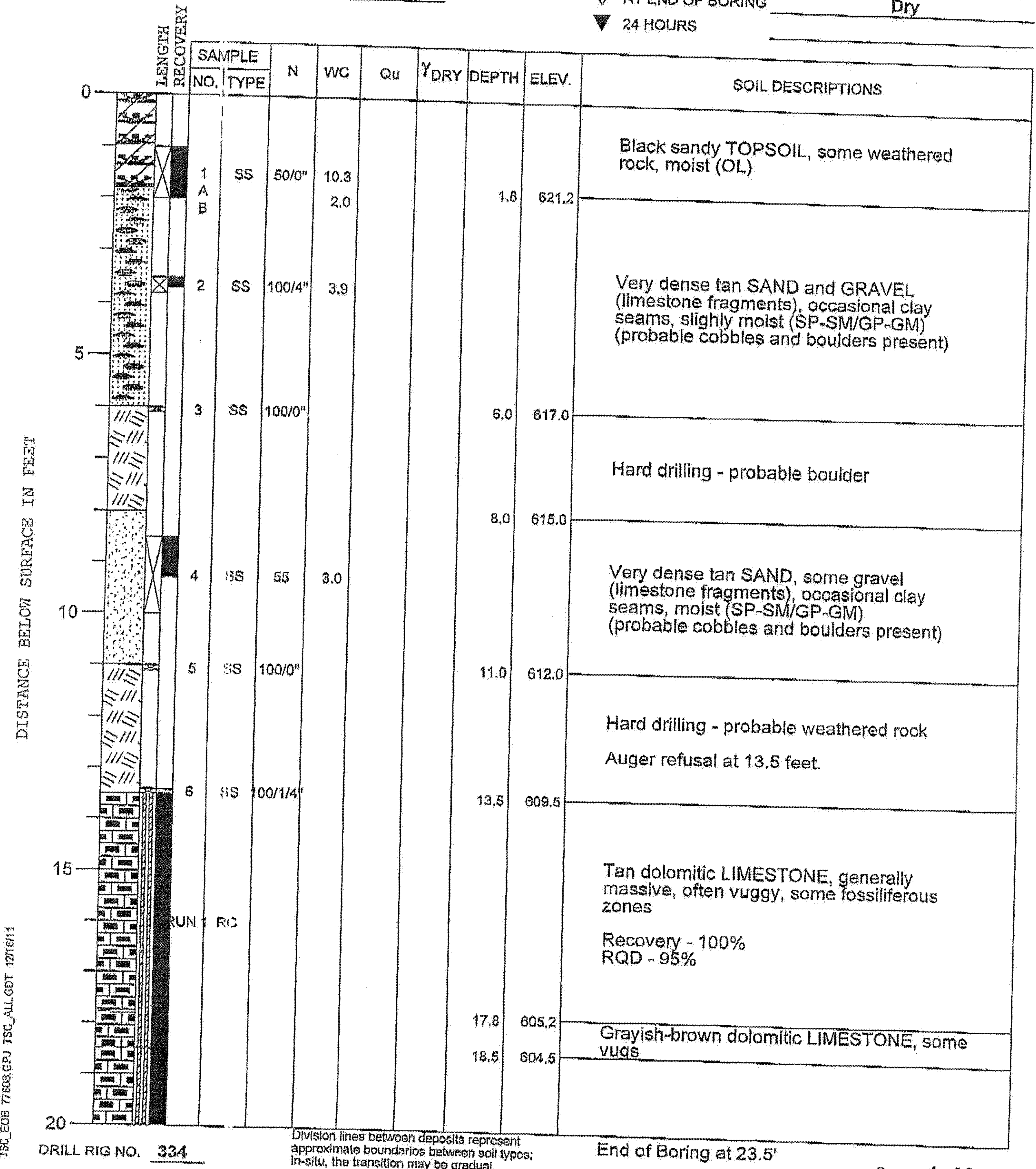


ELEVATIONS
 GROUND SURFACE 623.0
 END OF BORING 599.5

WATER LEVEL OBSERVATIONS
 ▽ WHILE DRILLING Dry
 ▽ AT END OF BORING Dry
 ▽ 24 HOURS

DATE	
BY	
REVIEWED	
PLANNED	
NOTE BOOK	
NO.	

DATE	
BY	
REVIEWED	
PLANNED	
NOTE BOOK	
NO.	



REFER TO SHEET C2.50 FOR PLAN VIEW OF BORING LOCATIONS

USER NAME = DSCHWARZ	DESIGNED - - -	REVISED - - -
	DRAWN - NOAH HOFRICHTER	REVISED - - -
PLOT SCALE = - - -	CHECKED - - -	REVISED - - -
PLOT DATE = 8/29/2016 8:03 AM	DATE - - -	REVISED - - -

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GALENA RIVER TRAIL PHASE 3 BORING DATA		
SCALE: - - -	SHEET 43 OF 69 SHEETS	STA. TO STA.

FILE NAME = P:\12\028\028-01\Drawings\Civil\12028_soil_borings
SHEET NAME C6.02

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route	10-00046-00-BT	JO DAVIESS	69	45
CONTRACT NO. -----			ILLINOIS FED. AID PROJECT	

PROJECT Galena River Trail, Phase 3, Galena, Illinois
 CLIENT City of Galena, Galena, Illinois
 BORING 4 DATE STARTED 10-28-11 DATE COMPLETED 10-28-11 JOB L-77,608



HAND AUGER BORING

ELEVATION 635.0
 LOCATION _____ GROUNDWATER Dry

SAMPLE DEPTH (feet)	WATER CONTENT (%)	Qu (tsf)	DRY DENSITY (pcf)	DEPTH	ELEV.	SOIL DESCRIPTIONS
0-0.8				0.8	634.2	Black sandy, clayey TOPSOIL (OL)
1.0-2.5	14.4			3.0	632.0	Dark brown clayey SILT, trace sand and organic, occasional gravel, moist (ML)
3.0-3.5	12.7					Brown clayey SILT, little sand, some rock fragments, trace root seams, moist (ML)
						Hand auger refusal at 3.5 feet.

DATE _____ BY _____
 SURVEYED _____
 PLOTTED _____
 ALIGNMENT CHECKED _____
 NOTE BOOK _____
 CADD FILE NAME _____
 NO. _____

DATE _____ BY _____
 SURVEYED _____
 PLOTTED _____
 GRADES CHECKED _____
 NOTE BOOK _____
 STRUCTURE NOTATIONS CHECKED _____
 NO. _____

DISTANCE BELOW SURFACE IN FEET

HANDAUGER 77608.GPJ TSC_ALL.GDT 12/16/11

INSPECTOR LT

PROJECT Galena River Trail, Phase 3, Galena, Illinois
 CLIENT City of Galena, Galena, Illinois
 BORING 5 DATE STARTED 10-28-11 DATE COMPLETED 10-28-11 JOB L-77,608



HAND AUGER BORING

ELEVATION 631.0
 LOCATION _____ GROUNDWATER Dry

SAMPLE DEPTH (feet)	WATER CONTENT (%)	Qu (tsf)	DRY DENSITY (pcf)	DEPTH	ELEV.	SOIL DESCRIPTIONS
0-1.2				1.2	629.8	FILL - Black sandy, clayey TOPSOIL, some gravel (OL)
1.0-2.5	16.6			3.5	627.5	FILL - Dark brown clayey SILT, trace sand and organic, moist (ML)
3.5-4.0	12.3					FILL - Brown clayey SILT, little to some sand, trace organic and coal pieces, moist (ML)
						Hand auger refusal at 4 feet (4 attempts)

DISTANCE BELOW SURFACE IN FEET

HANDAUGER 77608.GPJ TSC_ALL.GDT 12/16/11

INSPECTOR LT

REFER TO SHEET C2.50 FOR PLAN VIEW OF BORING LOCATIONS

USER NAME = DSCHWARZ	DESIGNED ---	REVISED ---
	DRAWN --- NOAH HOFRICHTER	REVISED ---
PLOT SCALE ---	CHECKED ---	REVISED ---
PLOT DATE = 8/29/2016 8:03 AM	DATE ---	REVISED ---

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GALENA RIVER TRAIL PHASE 3 BORING DATA		
SCALE: ---	SHEET 45 OF 69 SHEETS	STA. _____ TO STA. _____

FILE NAME = P:\12\028\028-01\Drawings\Civil\12028_soil_borings
SHEET NAME C6.04

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route	10-00046-00-BT	JO DAVIESS	69	46
ILLINOIS FED. AID PROJECT			CONTRACT NO. -----	

PROJECT Galena River Trail, Phase 3, Galena, Illinois
 CLIENT City of Galena, Galena, Illinois
 BORING 6 DATE STARTED 10-26-11 DATE COMPLETED 10-26-11 JOB L-77,608



ELEVATIONS
 GROUND SURFACE 632.0
 END OF BORING 598.2

WATER LEVEL OBSERVATIONS
 WHILE DRILLING Dry
 AT END OF BORING Dry
 24 HOURS

PROJECT Galena River Trail, Phase 3, Galena, Illinois
 CLIENT City of Galena, Galena, Illinois
 BORING 6 DATE STARTED 10-26-11 DATE COMPLETED 10-26-11 JOB L-77,608

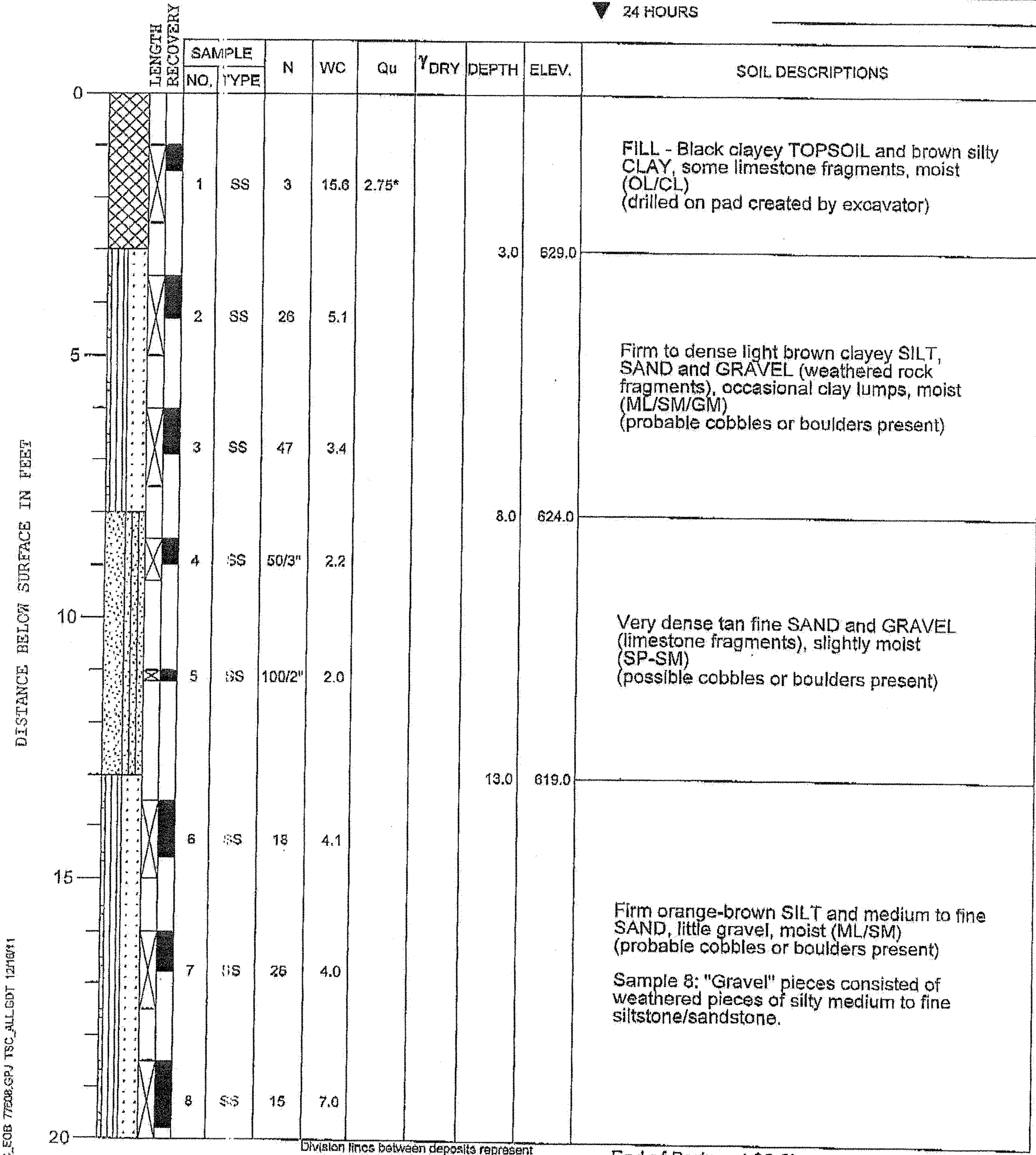


ELEVATIONS
 GROUND SURFACE 632.0
 END OF BORING 598.2

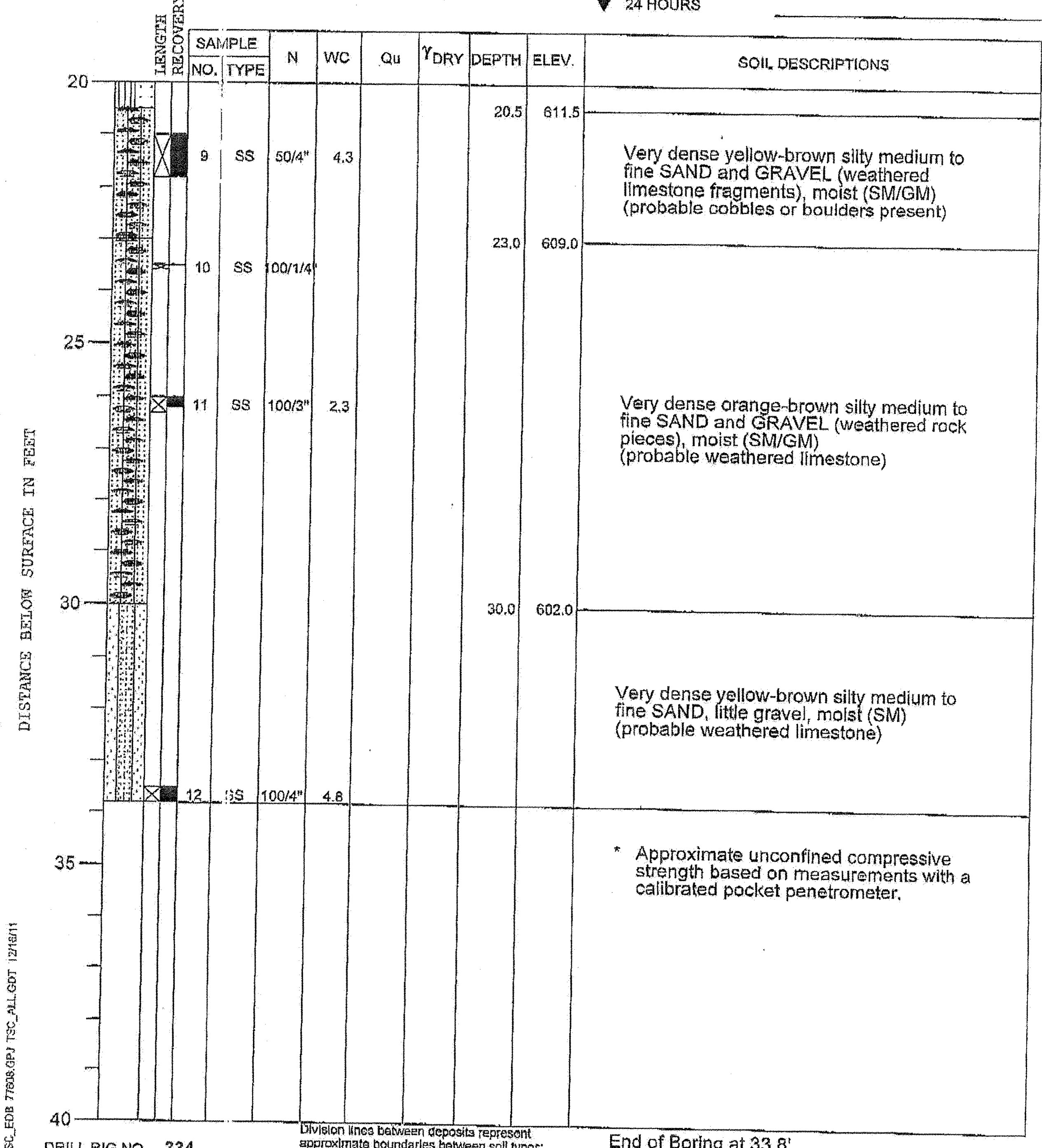
WATER LEVEL OBSERVATIONS
 WHILE DRILLING Dry
 AT END OF BORING Dry
 24 HOURS

DATE	BY

DATE	BY



DRILL RIG NO. 334 End of Boring at 33.8'



DRILL RIG NO. 334 End of Boring at 33.8'

Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

REFER TO SHEET C2.50 FOR PLAN VIEW OF BORING LOCATIONS

USER NAME = DSCHWARZ	DESIGNED ---	REVISED ---
PLOT SCALE = ---	DRAWN = NOAH HOFRICHTER	REVISED ---
PLOT DATE = 8/29/2016 8:03 AM	CHECKED ---	REVISED ---
	DATE ---	REVISED ---

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GALENA RIVER TRAIL PHASE 3 BORING DATA		
SCALE: ---	SHEET 46 OF 69 SHEETS	STA. TO STA.

FILE NAME = P:\12\028\028-01\Drawings\Civil\12028_soil_borings
SHEET NAME C6.05

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route	10-00046-00-BT	JO DAVIESS	69	47
CONTRACT NO. -----			ILLINOIS FED. AID PROJECT	

PROJECT Galena River Trail, Phase 3, Galena, Illinois
 CLIENT City of Galena, Galena, Illinois
 BORING 7 DATE STARTED 10-28-11 DATE COMPLETED 10-28-11 JOB L-77,608



HAND AUGER BORING

ELEVATION 627.0
 LOCATION _____ GROUNDWATER Dry

SAMPLE DEPTH (feet)	WATER CONTENT (%)	Qu (tsf)	DRY DENSITY (pcf)	DEPTH	ELEV.	SOIL DESCRIPTIONS
0				0.6	626.4	Black sandy, clayey TOPSOIL (OL)
1.0-2.5	7.4					Reddish-brown clayey SILT, some fine sand, trace organic, moist (ML)
						Hand auger refusal at 2.5 feet.

DISTANCE BELOW SURFACE IN FEET

HANDAUGER 77618.GPJ TSC_ALL.GDT 12/16/11

INSPECTOR LT

DATE	
BY	
REVISIONS	
PLANNED	
ALIGNED	
CHECKED	
NO. _____	
NOTE BOOK	
NO. _____	
CADD FILE NAME	

DATE	
BY	
REVISIONS	
PROFILES	
GRADES	
CHECKED	
NO. _____	
NOTE BOOK	
NO. _____	
STRUCTURE	
NOTATION	
DRYD	

REFER TO SHEET C2.50 FOR PLAN VIEW OF BORING LOCATIONS

USER NAME = DSCHWARZ	DESIGNED ---	REVISED ---
	DRAWN --- NOAH HOFRICHTER	REVISED ---
PLOT SCALE = ---	CHECKED ---	REVISED ---
PLOT DATE = 8/29/2016 8:04 AM	DATE ---	REVISED ---

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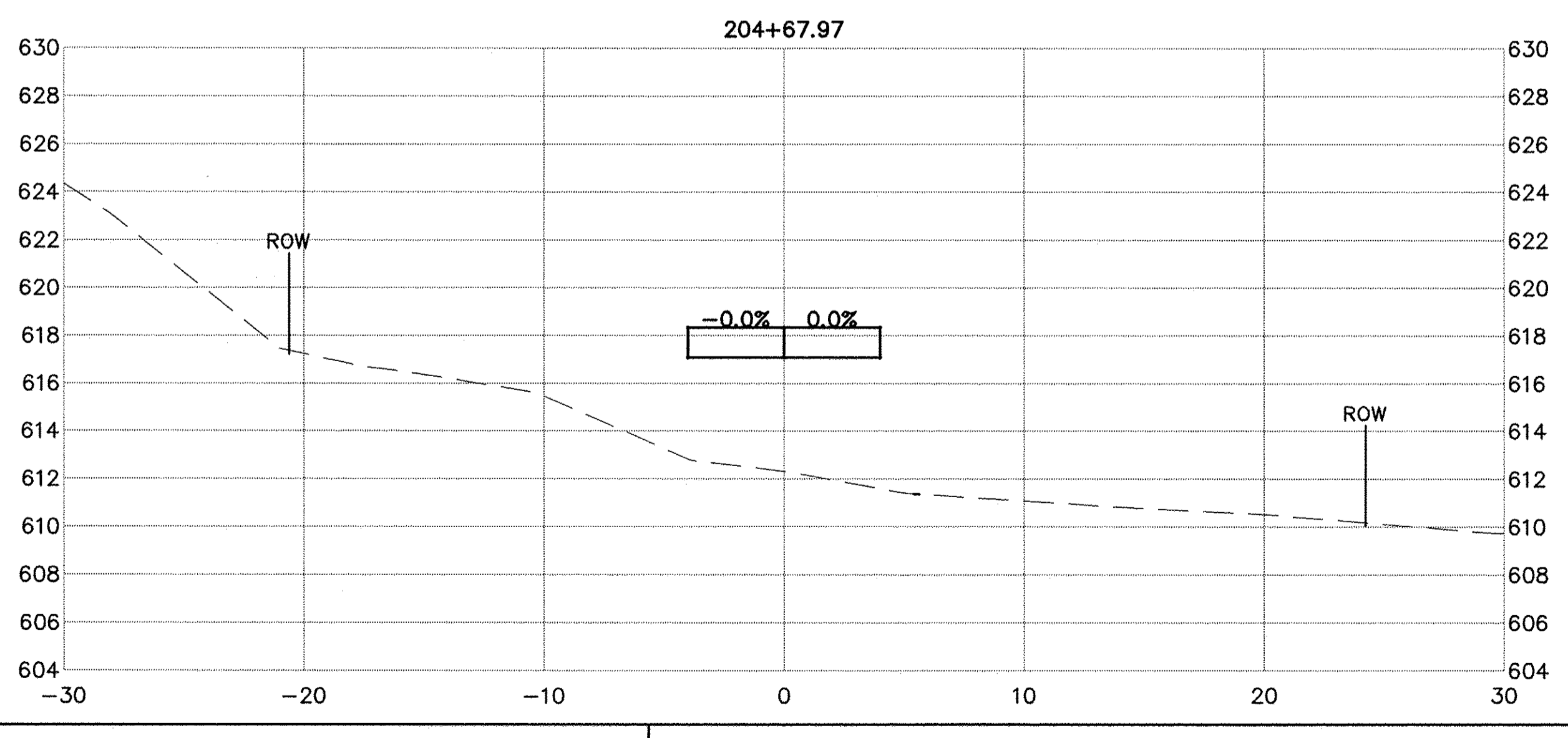
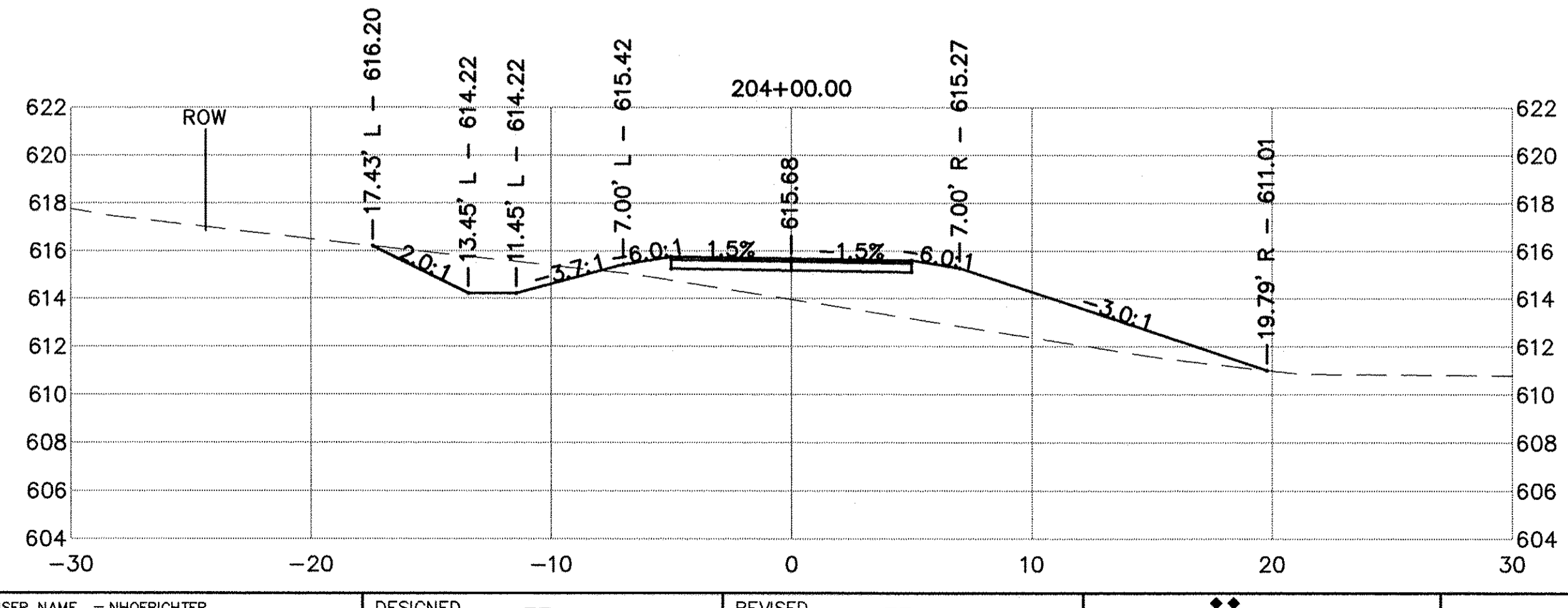
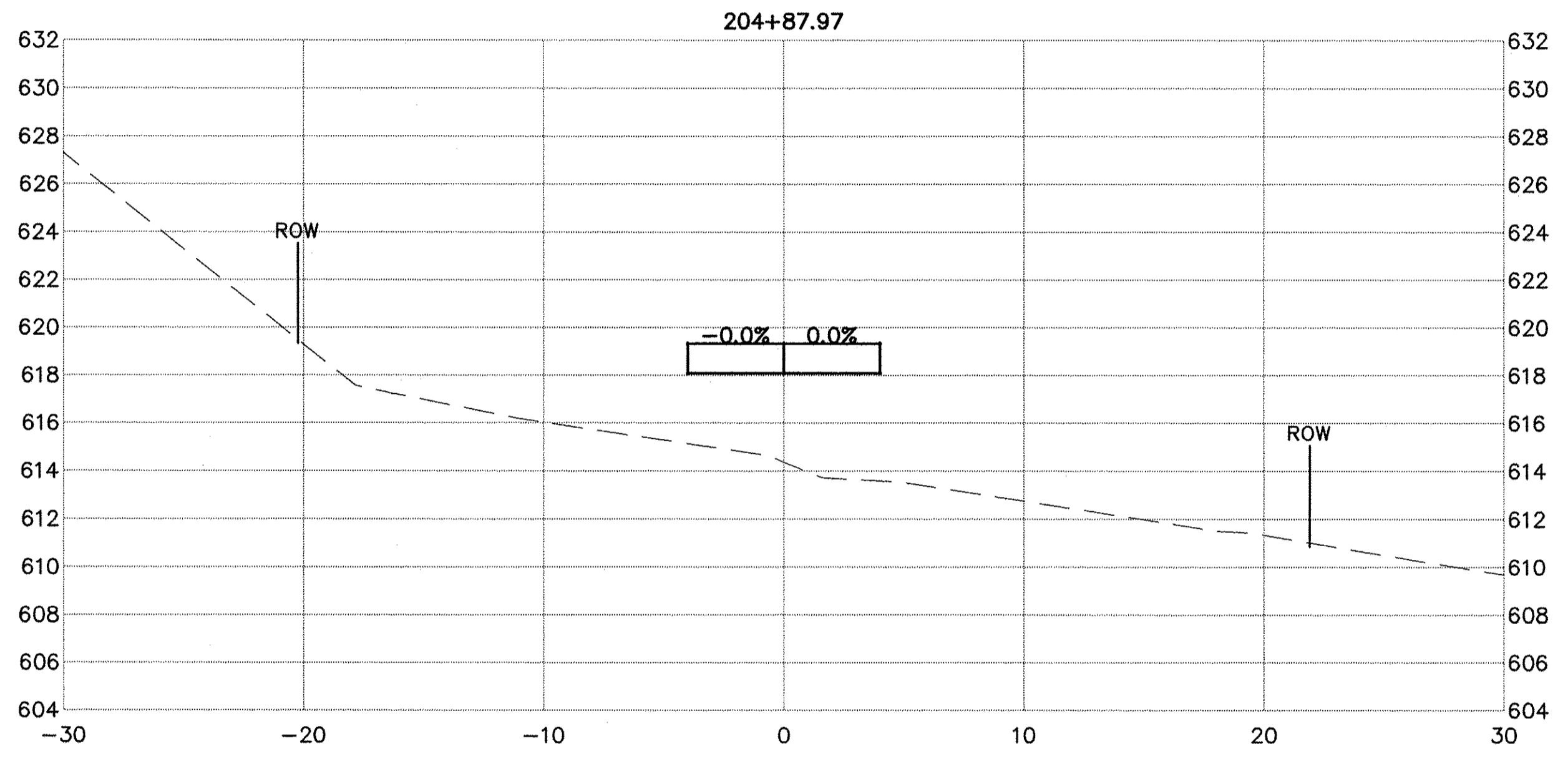
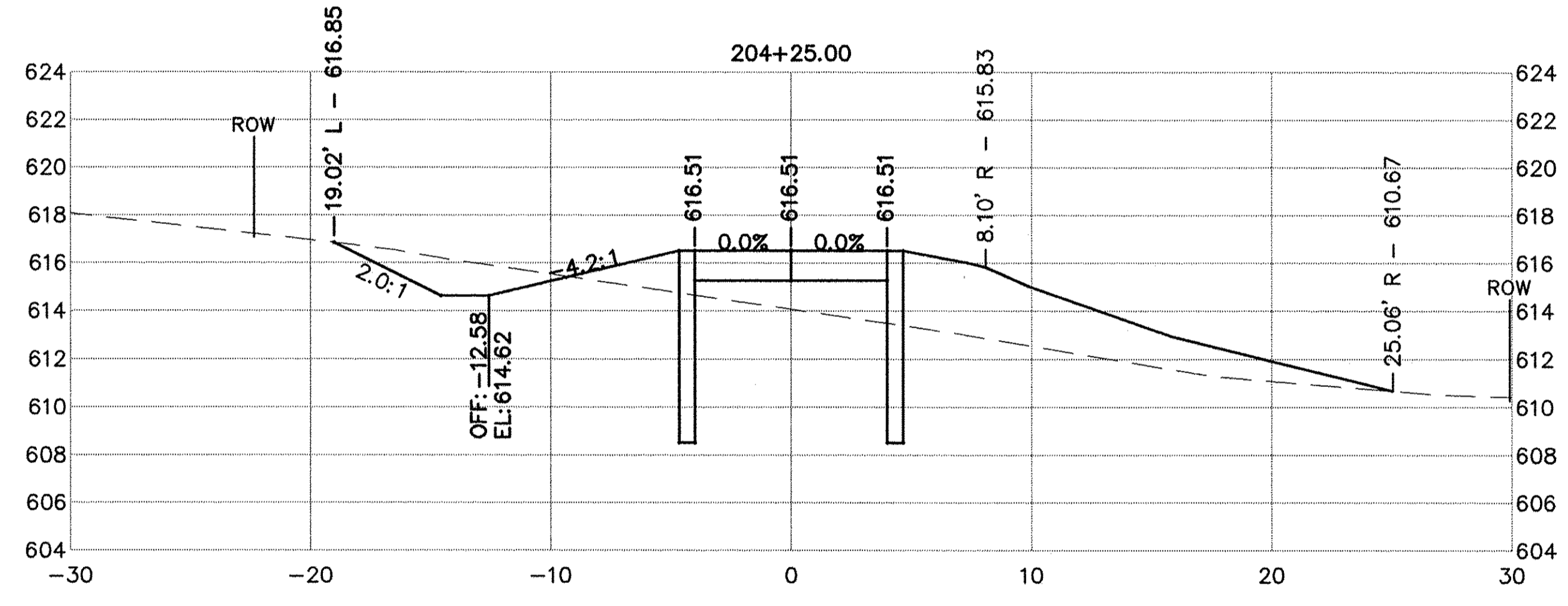
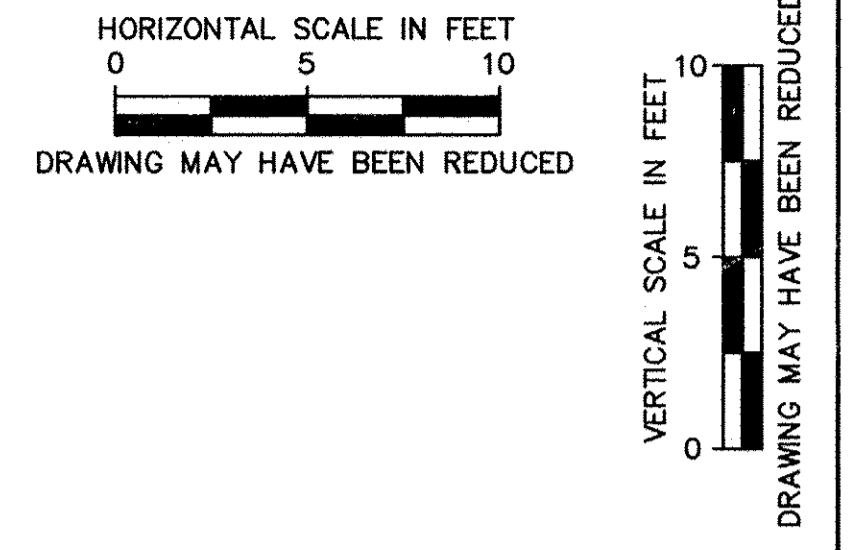
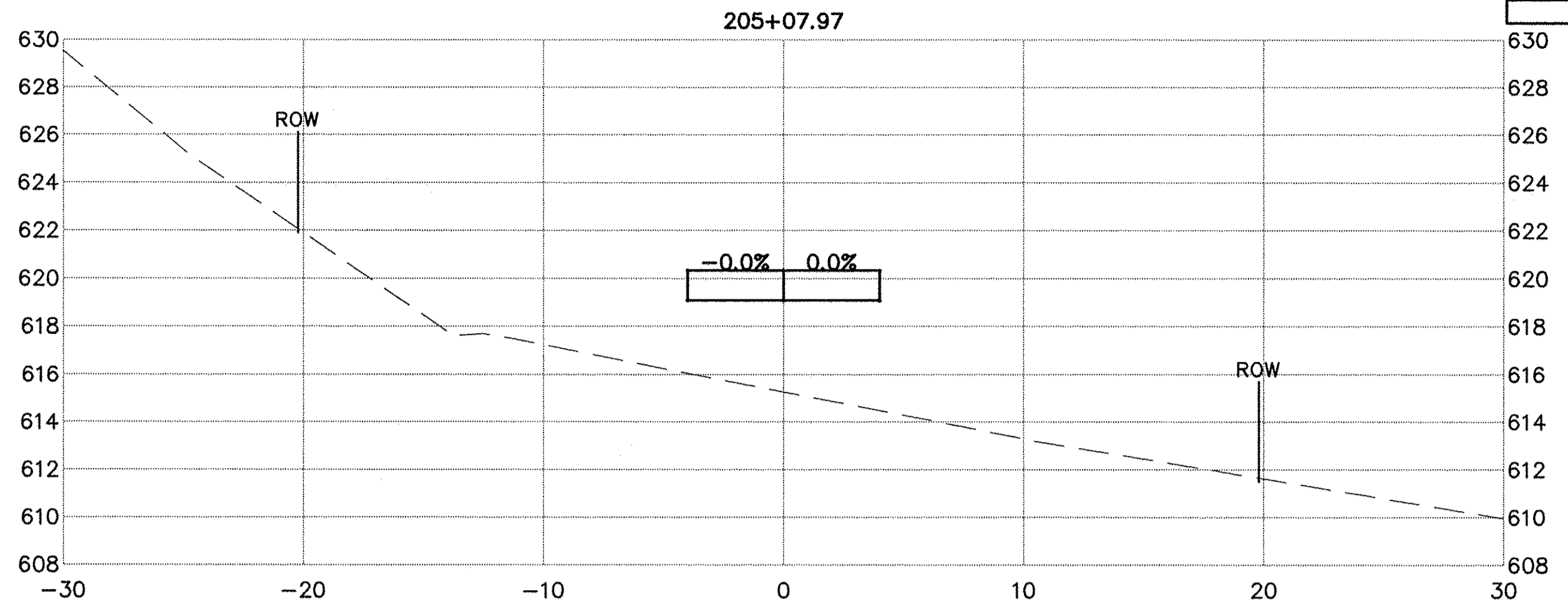
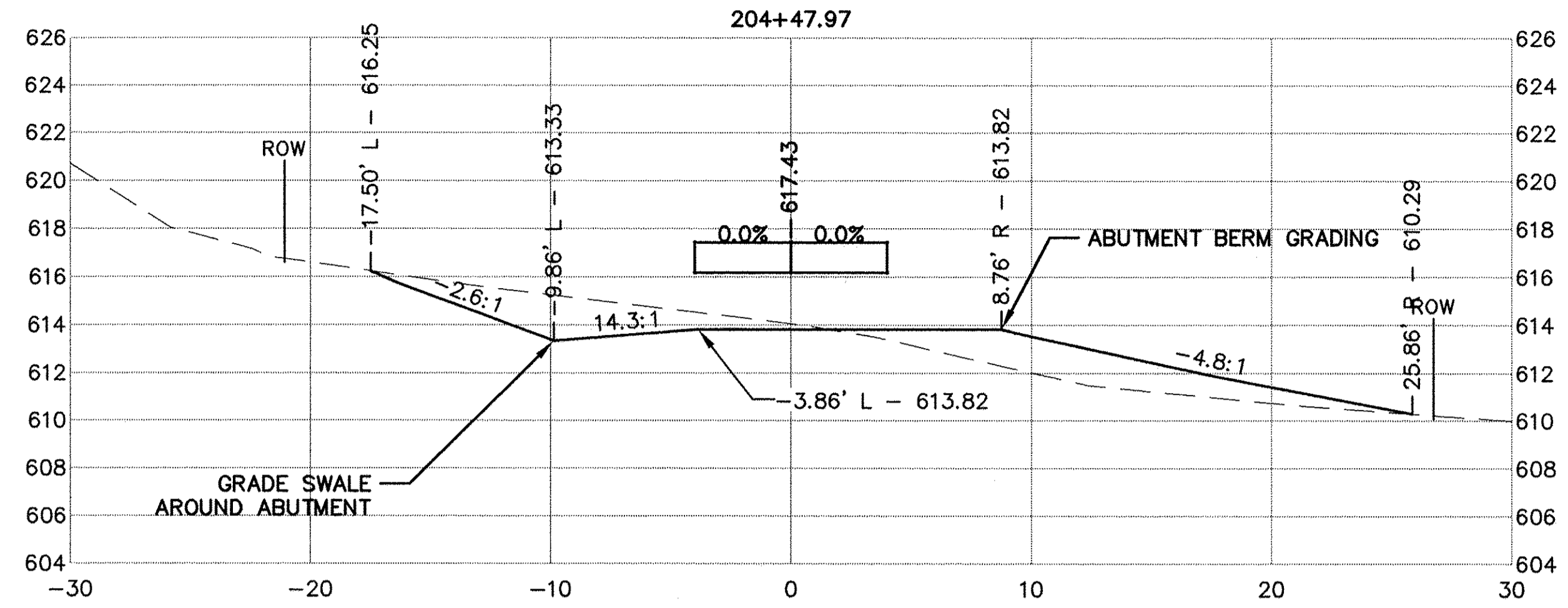
GALENA RIVER TRAIL PHASE 3 BORING DATA	
SCALE: --	SHEET 47 OF 69 SHEETS STA. TO STA.

FILE NAME = P:\12\028\028-01\Drawings\Civil\12028_soil_borings
 SHEET NAME C6.06

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route	10-00046-00-BT	JO DAVNESS	69	49
ILLINOIS FED. AID PROJECT			CONTRACT NO. -----	

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NOTE BOOK NO.	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NOTE BOOK NO.	
	CADD FILE NAME	



USER NAME = NHOFRICHTER	DESIGNED ---	REVISED ---
	DRAWN --- NOAH HOFRICHTER	REVISED ---
PLOT SCALE = ---	CHECKED ---	REVISED ---
PLOT DATE = 8/29/2016 8:05 AM	DATE ---	REVISED ---

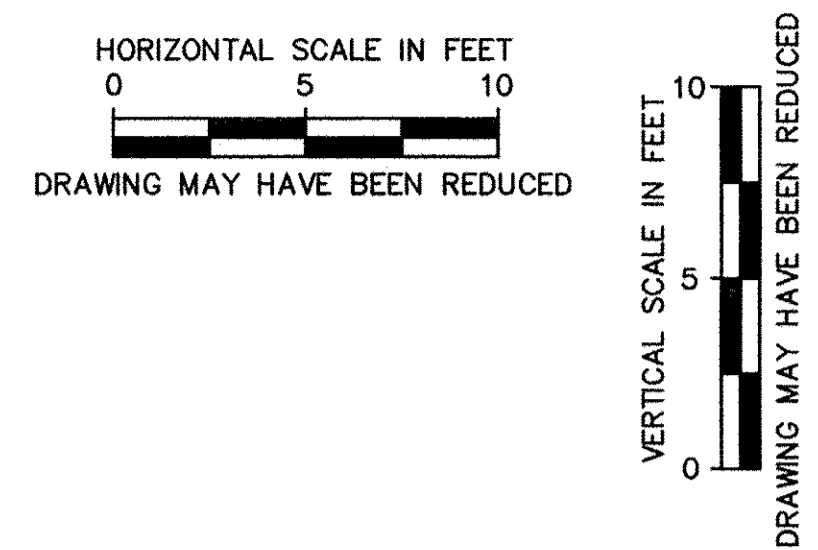
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GALENA RIVER TRAIL PHASE 3
 CROSS SECTIONS
 SCALE: --- SHEET 49 OF 69 SHEETS STA. 204+00 TO STA. 205+07.97

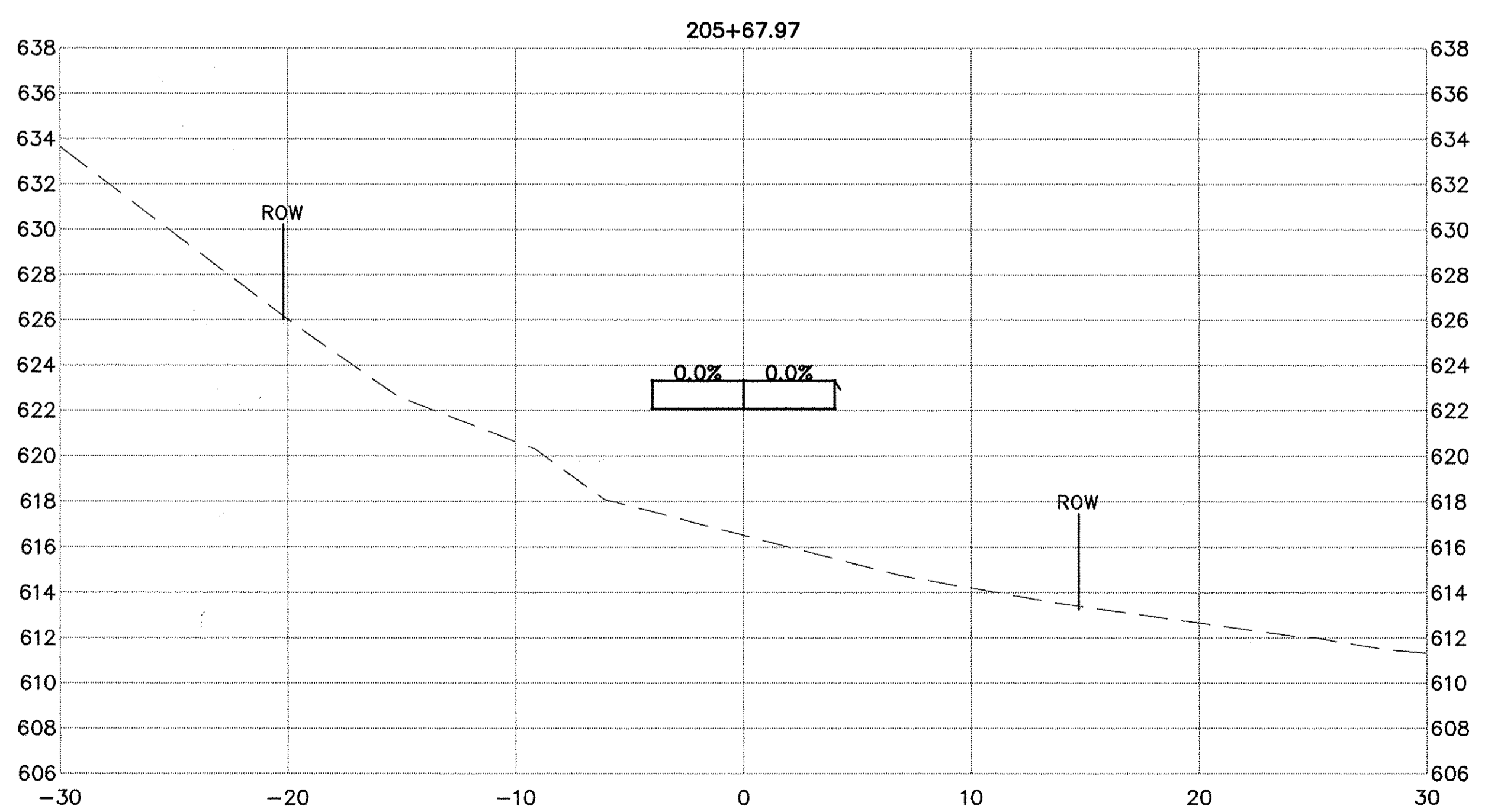
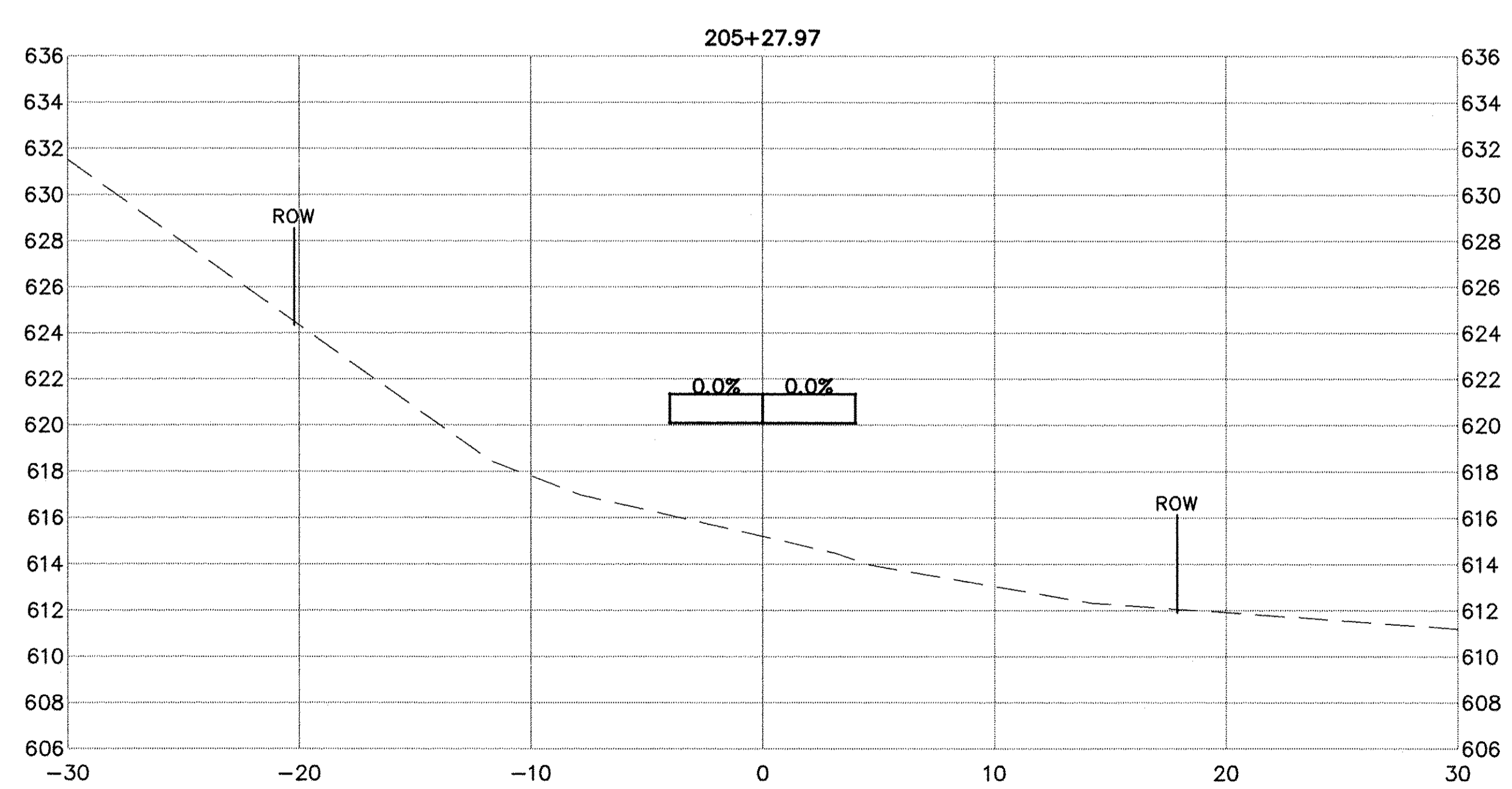
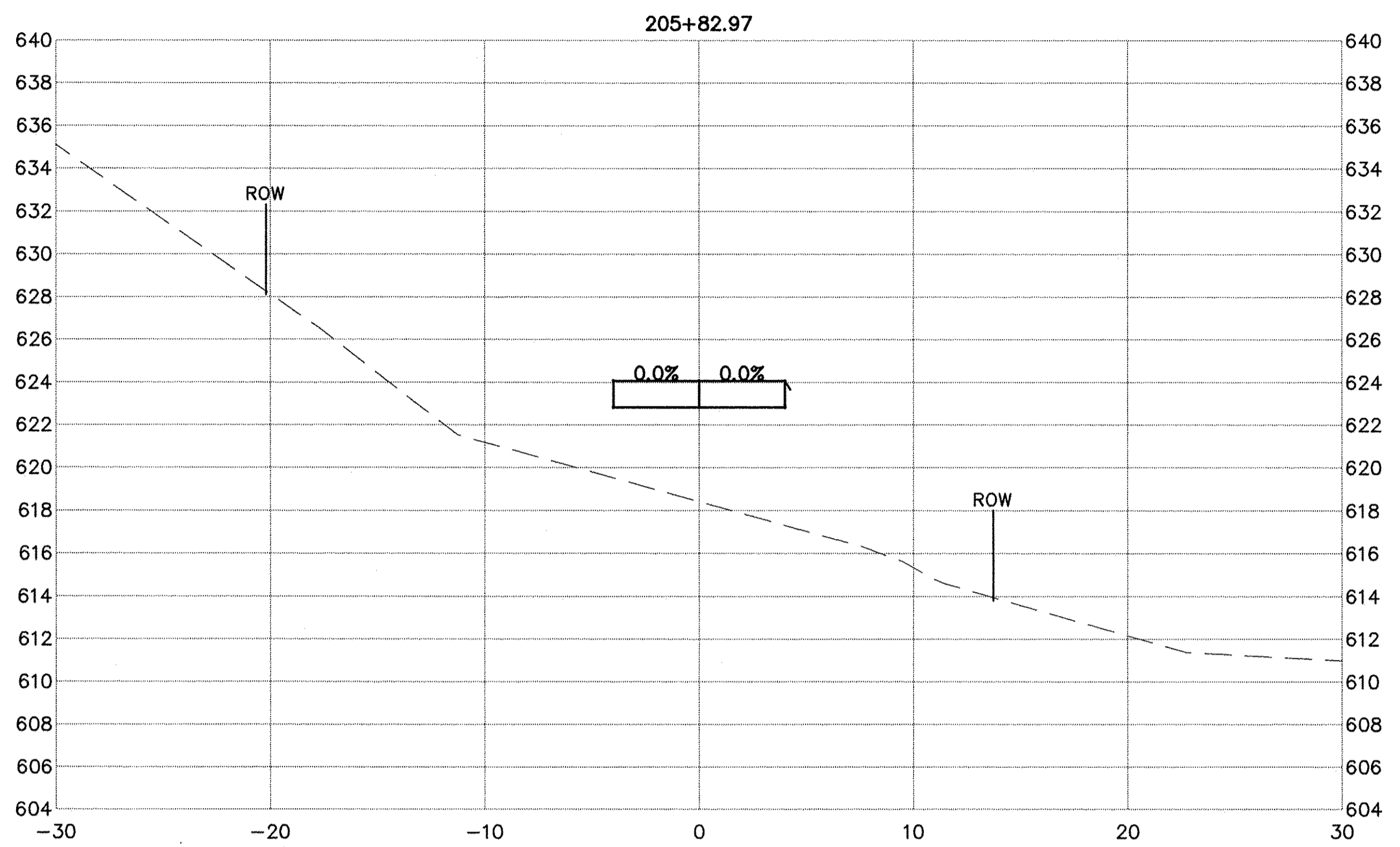
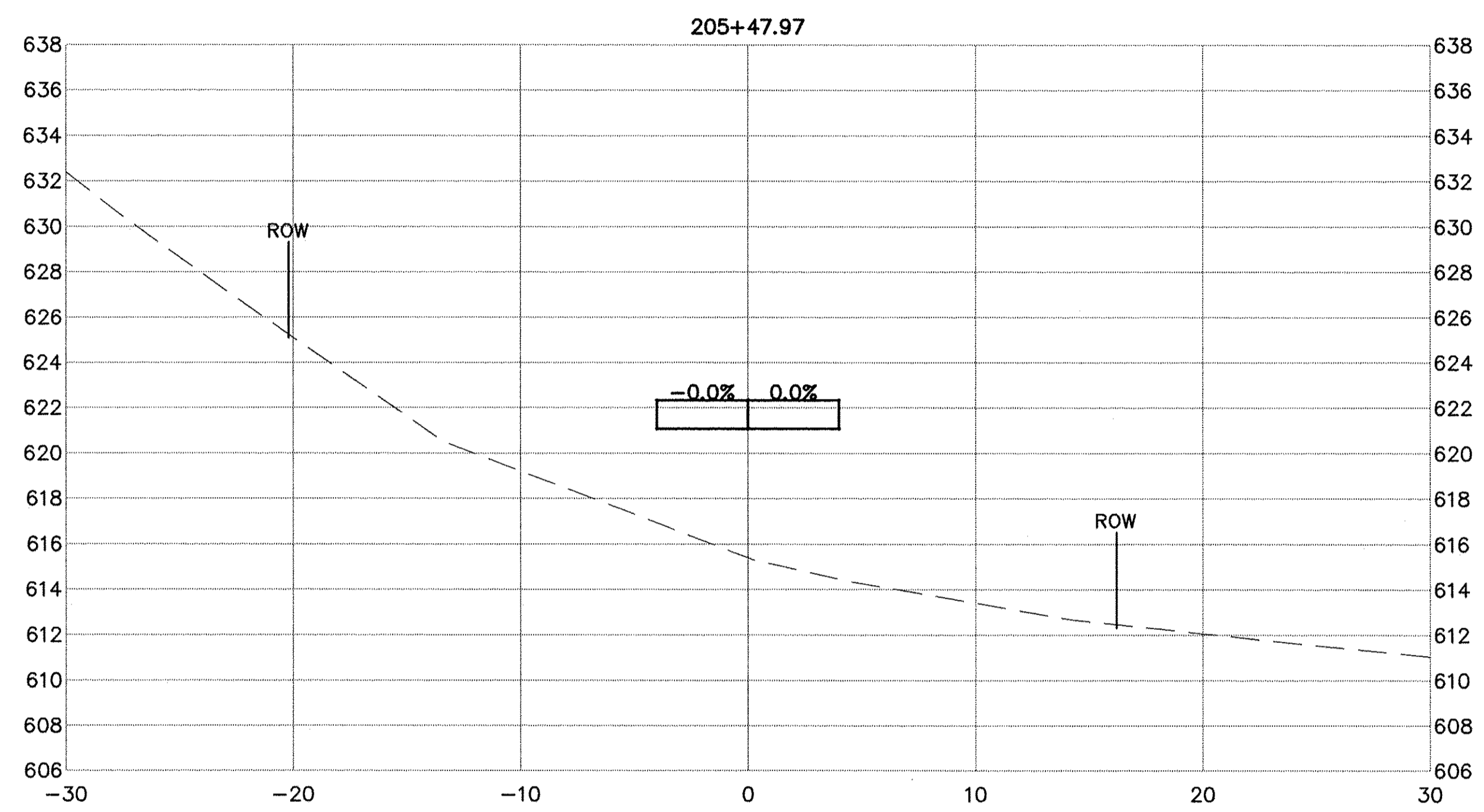
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route	10-00046-00-BT	JO DAVIESS	69	50
ILLINOIS FED. AID PROJECT			CONTRACT NO. -----	



PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	STRUCTURE NOTATIONS CHKD	



USER NAME = NHOFRICHTER	DESIGNED -- --	REVISED -- --
	DRAWN -- NOAH HOFRICHTER	REVISED -- --
PLOT SCALE = --	CHECKED -- --	REVISED -- --
PLOT DATE = 8/29/2016 8:05 AM	DATE -- --	REVISED -- --

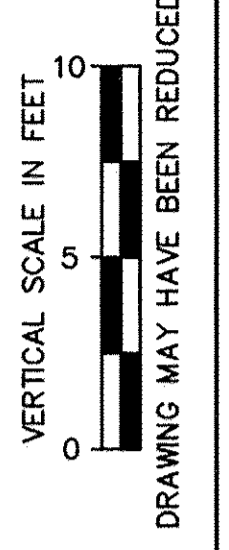
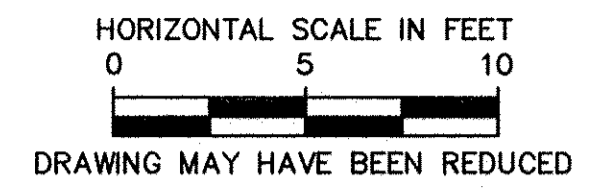
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GALENA RIVER TRAIL PHASE 3 CROSS SECTIONS		
SCALE: --	SHEET 50 OF 69 SHEETS	STA. 205+27.97 TO STA. 205+82.97

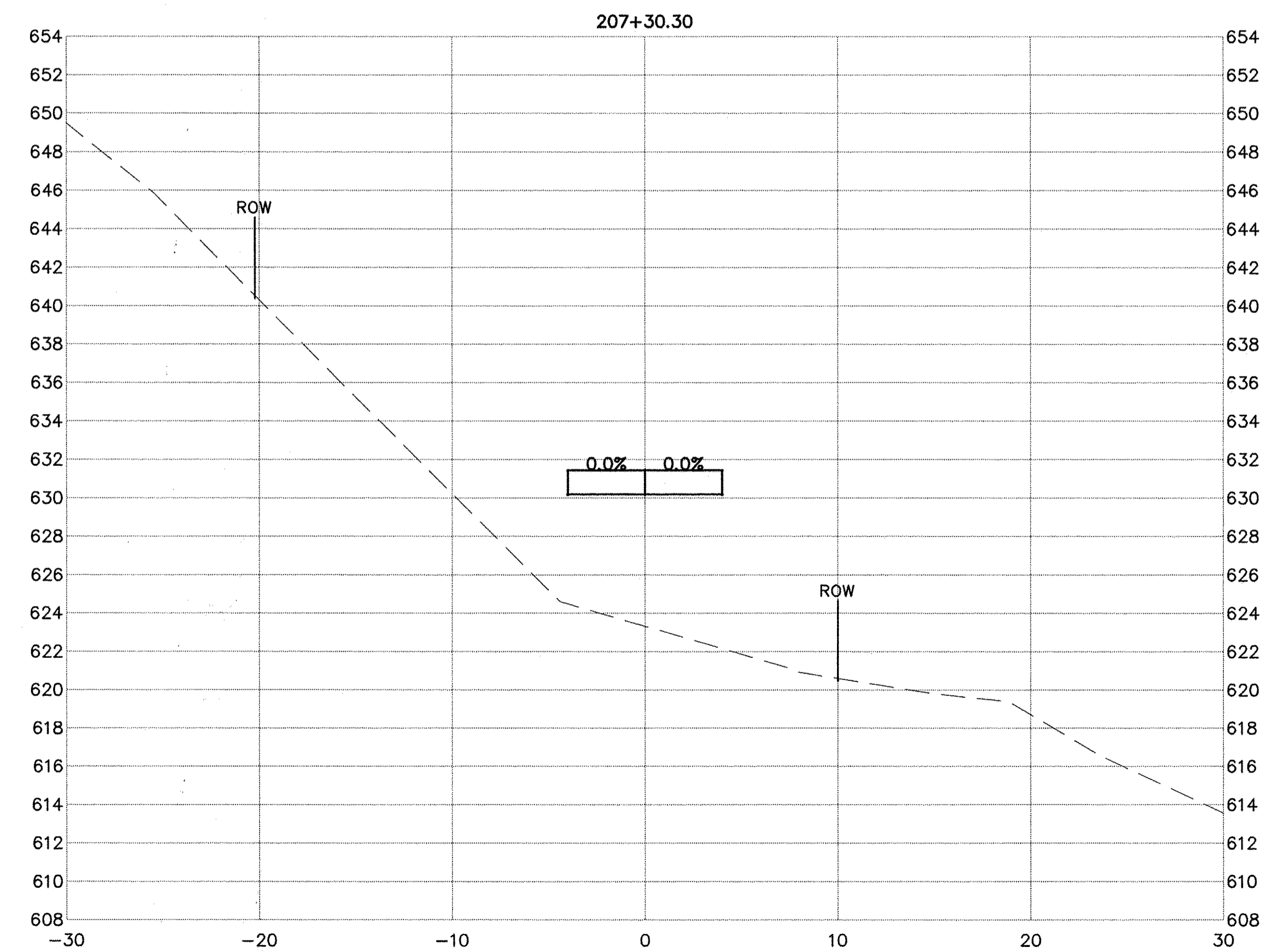
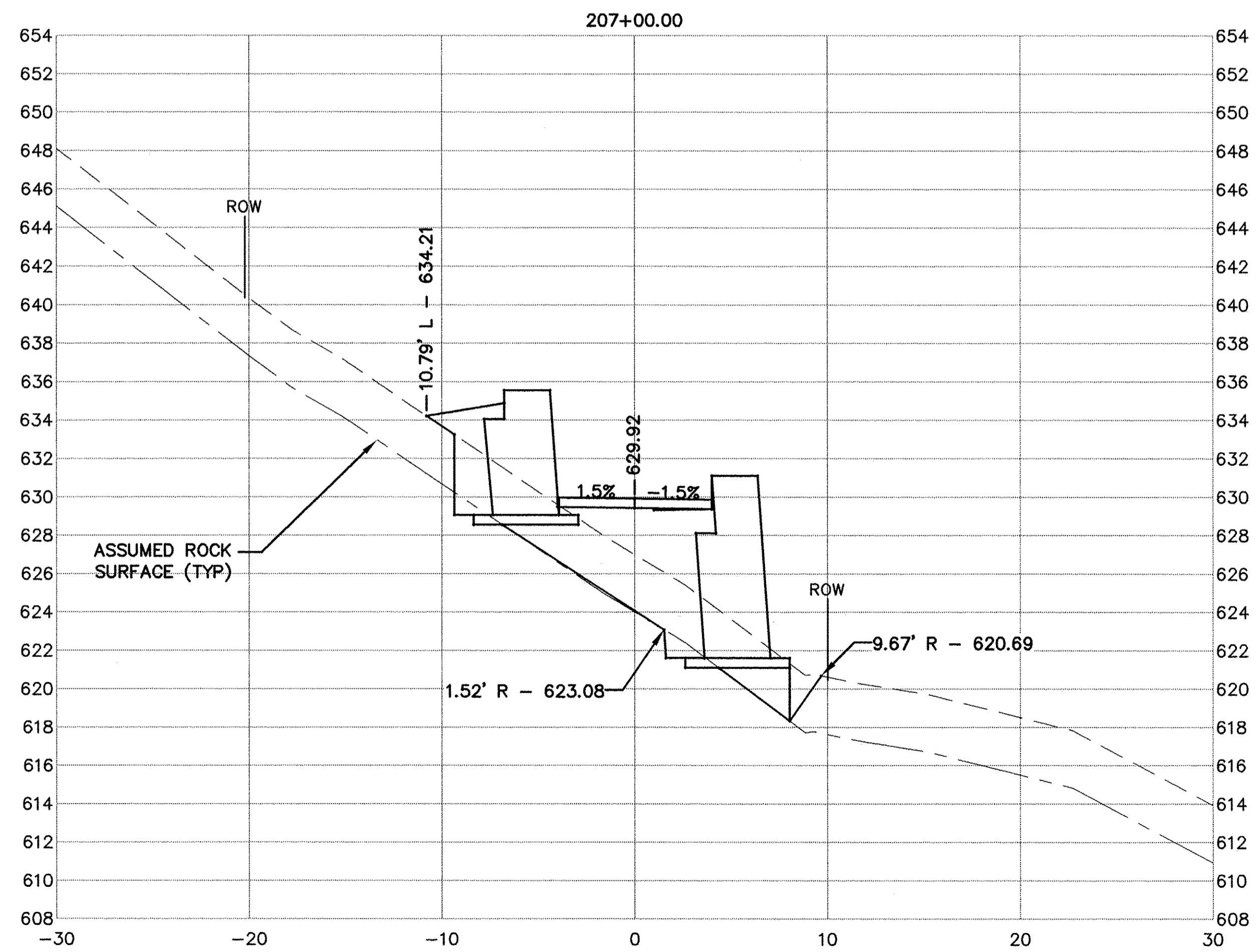
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route	10-00046-00-BT	JO DAVIESS	69	52
ILLINOIS FED. AID PROJECT			CONTRACT NO. -----	



PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	CHECKED	
	BY	
	DATE	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	CHECKED	
	BY	
	DATE	



USER NAME = NHOFRICHTER	DESIGNED ---	REVISED ---
	DRAWN --- NOAH HOFRICHTER	REVISED ---
PLOT SCALE = --	CHECKED ---	REVISED ---
PLOT DATE = 8/29/2016 8:05 AM	DATE ---	REVISED ---

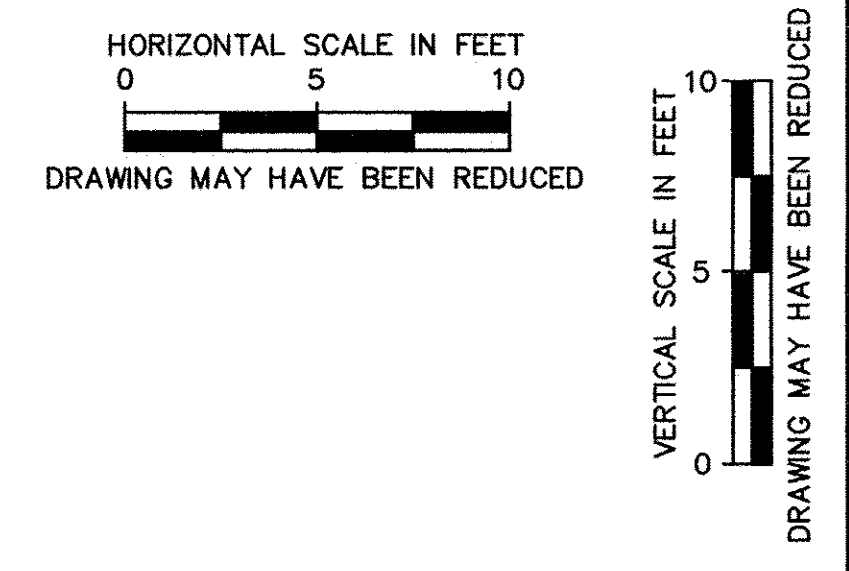
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GALENA RIVER TRAIL PHASE 3 CROSS SECTIONS		
SCALE: --	SHEET 52 OF 69 SHEETS	STA. 207+00 TO STA. 207+30.30

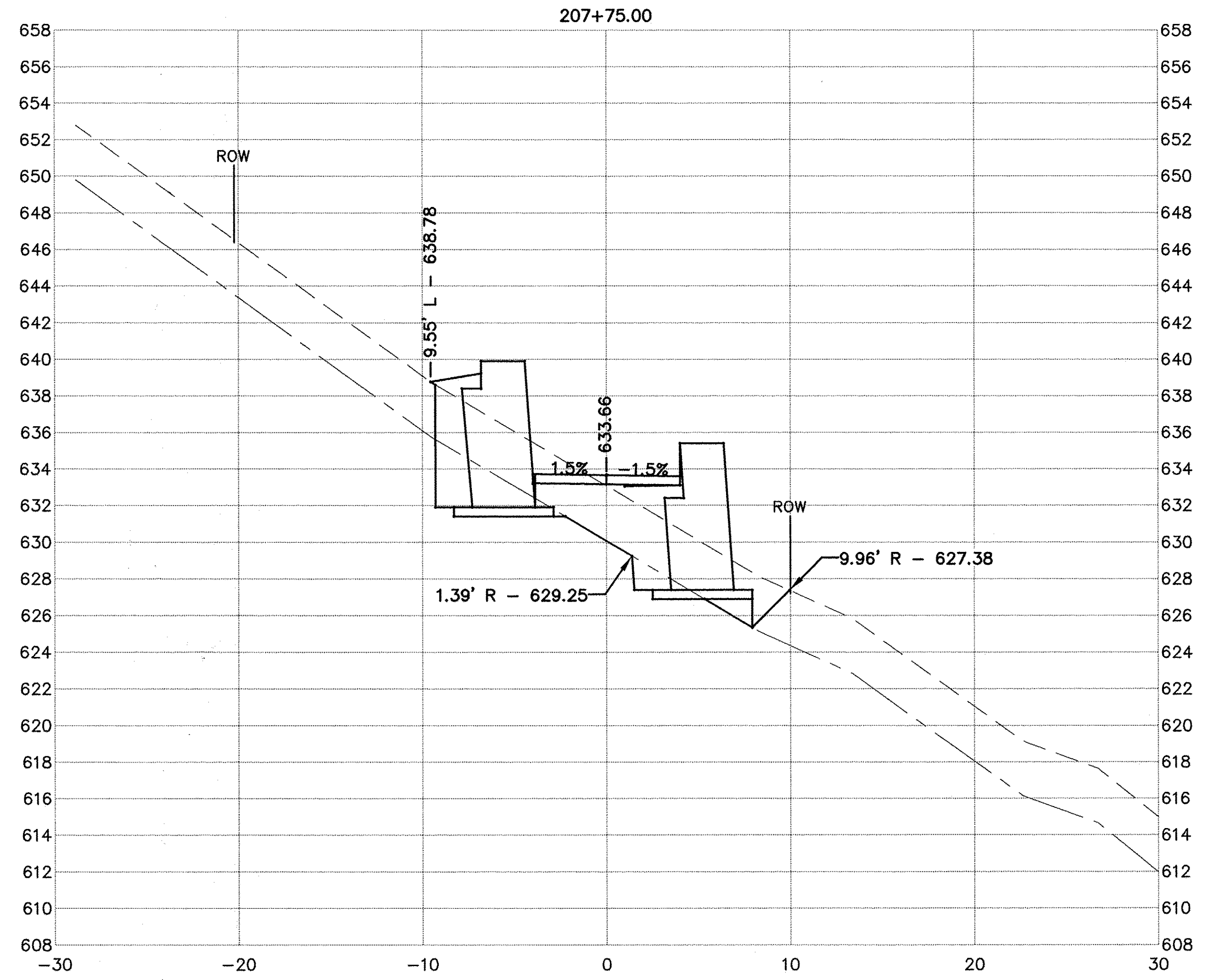
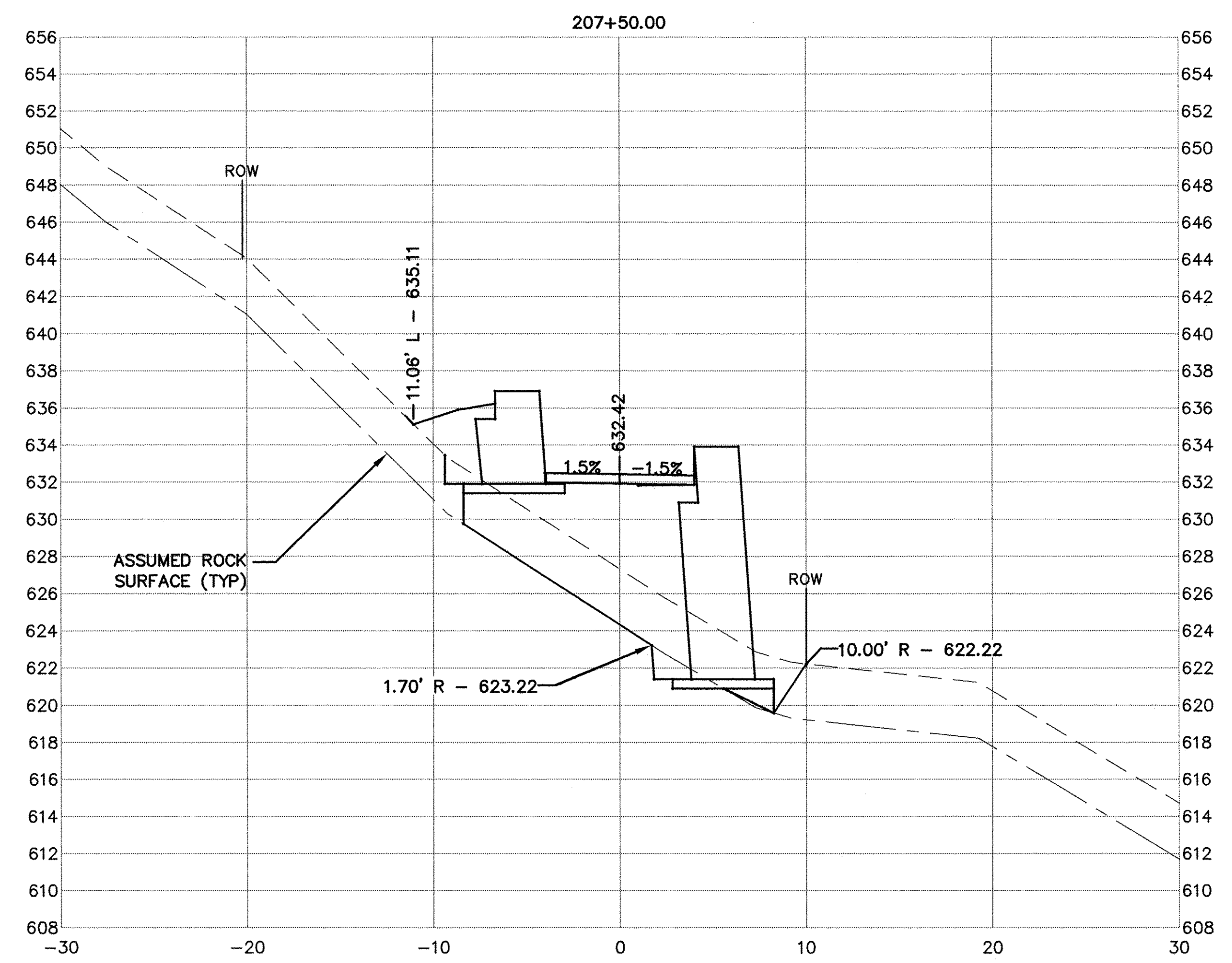
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 SHEET NAME C10.05

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route	10-00046-00-BT	JO DAVIESS	69	53
			CONTRACT NO. -----	
ILLINOIS FED. AID PROJECT				



PLAN	DATE
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	

PROFILE	DATE
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	



USER NAME = NHOFRICHTER	DESIGNED ---	REVISED ---
	DRAWN --- NOAH HOFRICHTER	REVISED ---
PLOT SCALE = ---	CHECKED ---	REVISED ---
PLOT DATE = 8/29/2016 8:06 AM	DATE ---	REVISED ---

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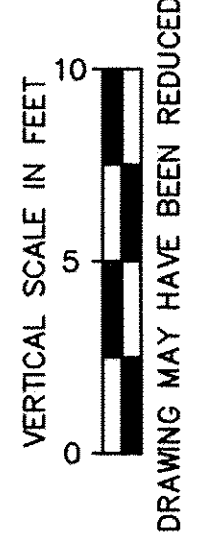
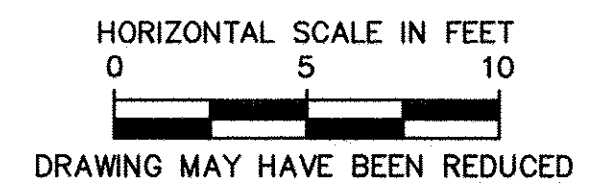
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

GALENA RIVER TRAIL PHASE 3 CROSS SECTIONS			
SCALE: ---	SHEET 53	OF 69 SHEETS	STA. 207+50 TO STA. 207+75

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SHEET NAME C10.06

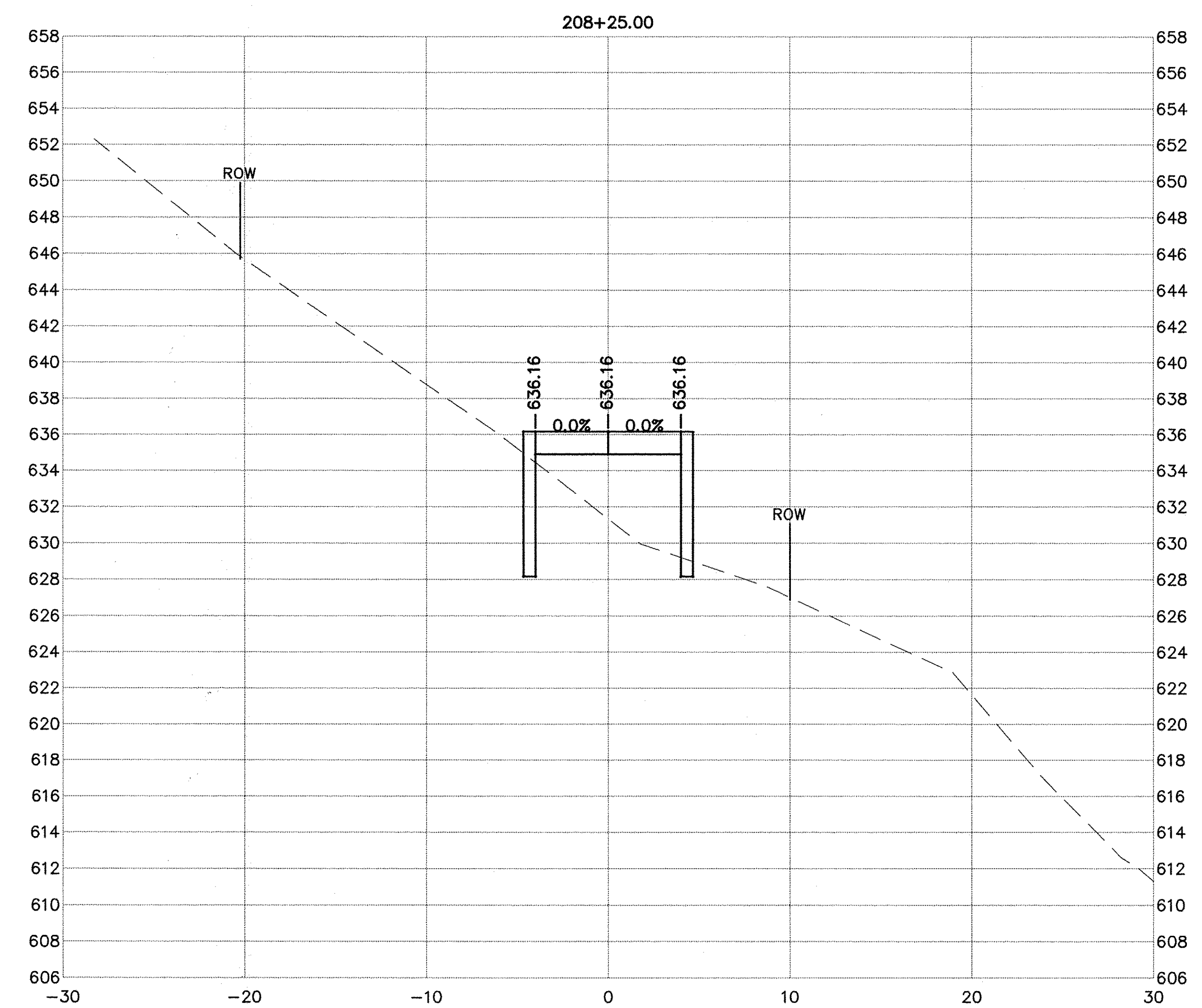
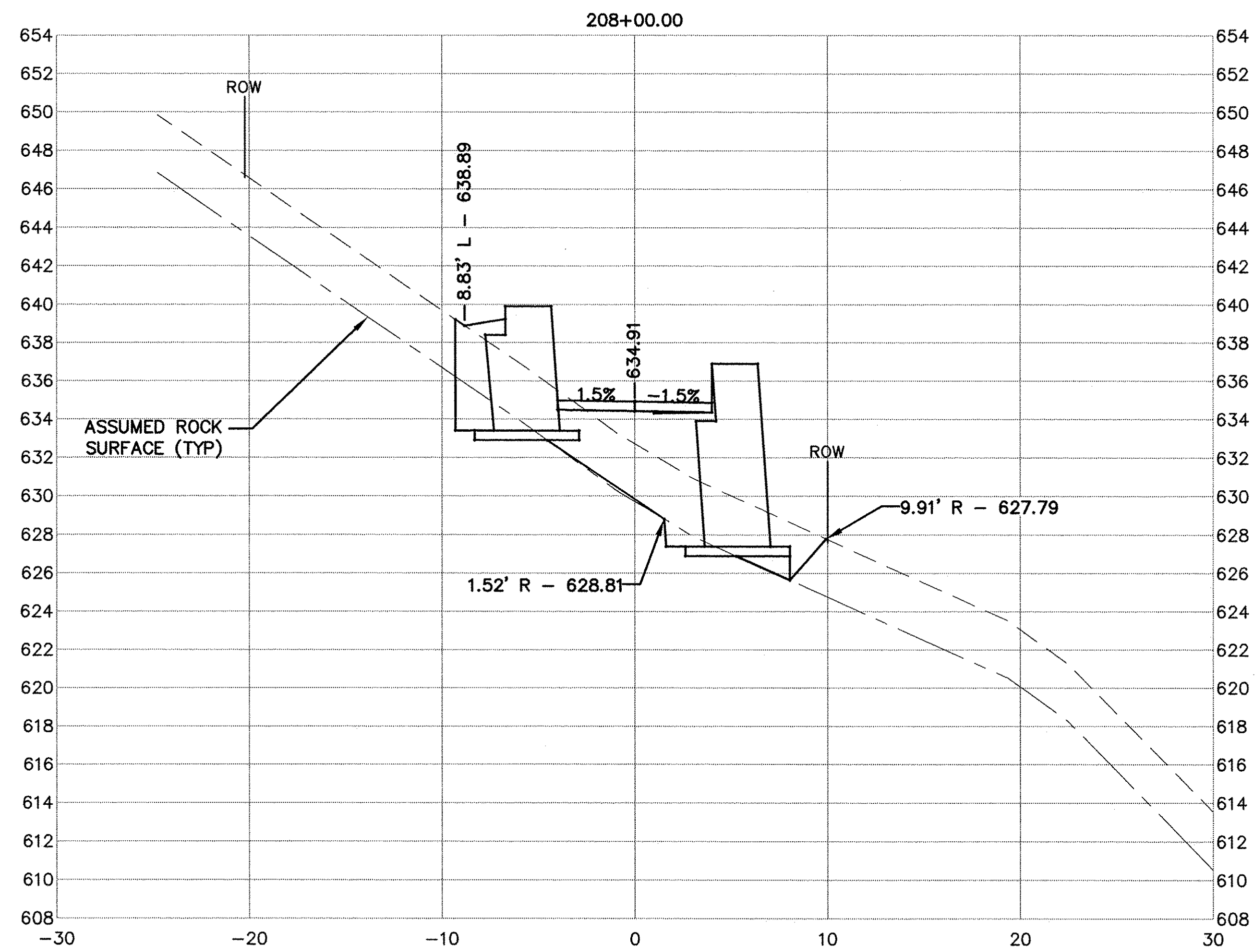
85581

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route	10-00046-00-BT	JO DAVIESS	69	54
CONTRACT NO. -----				
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	



USER NAME = NHOFRICHTER	DESIGNED ---	REVISED ---
	DRAWN --- NOAH HOFRICHTER	REVISED ---
PLOT SCALE ---	CHECKED ---	REVISED ---
PLOT DATE = 8/29/2016 8:06 AM	DATE ---	REVISED ---

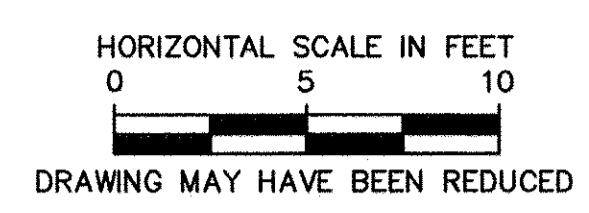
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GALENA RIVER TRAIL PHASE 3 CROSS SECTIONS		
SCALE: --	SHEET 54 OF 69 SHEETS	STA. 208+00 TO STA. 208+25

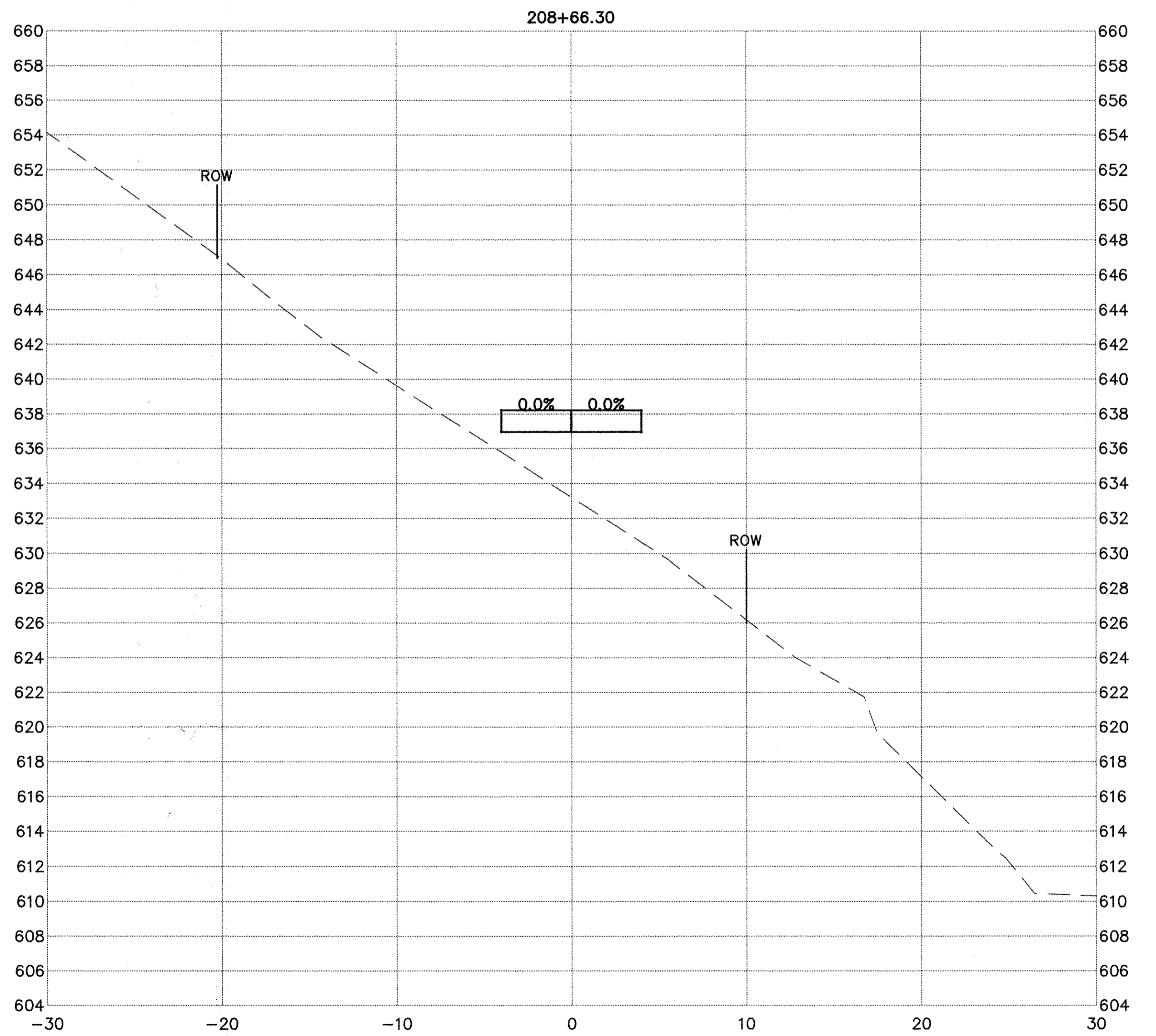
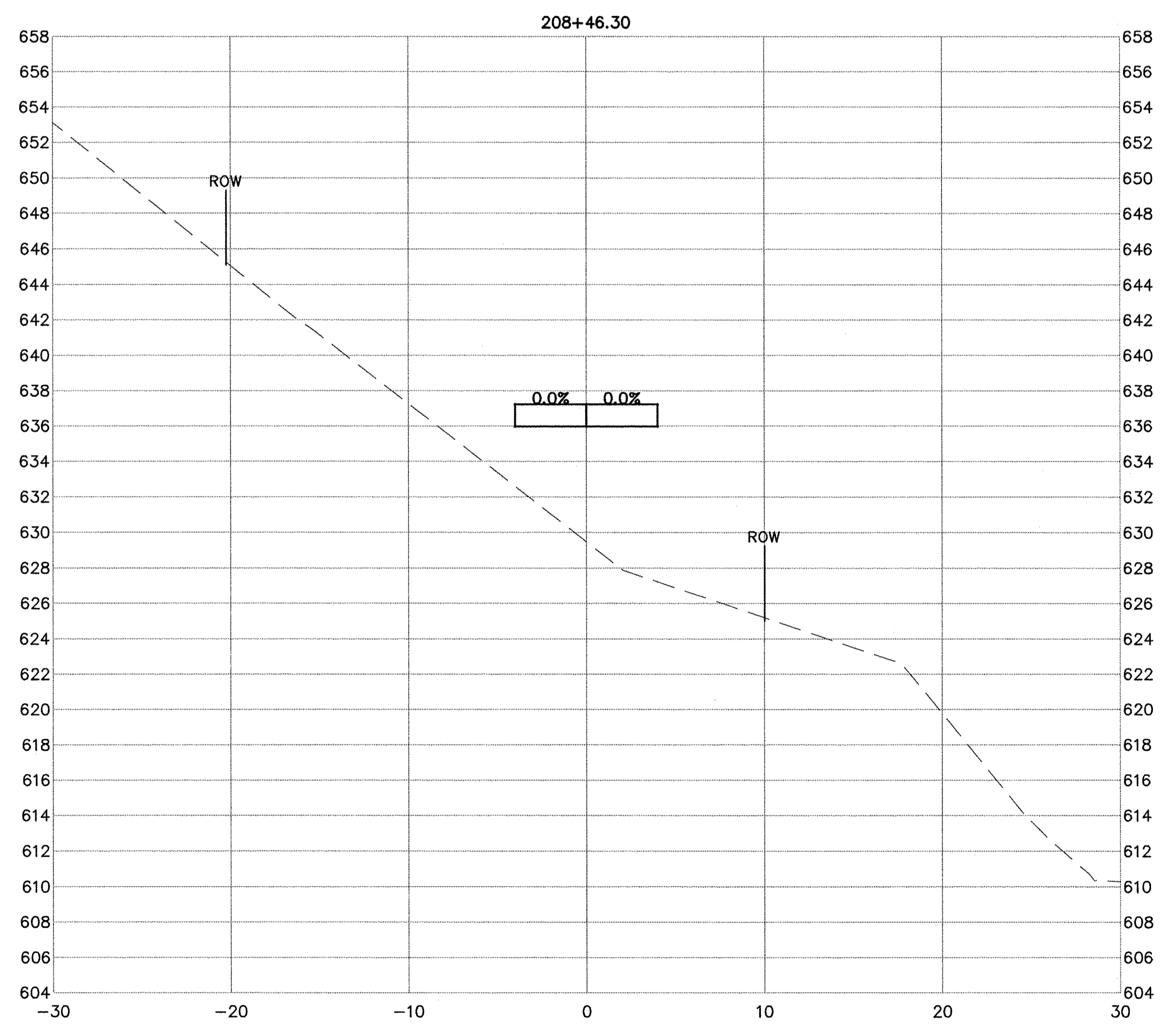
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route	10-00046-00-BT	JO DAVIESS	69	55
ILLINOIS FED. AID PROJECT			CONTRACT NO. -----	



PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	
	BY	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	
	BY	



USER NAME = NHOFRICHTER	DESIGNED -- --	REVISED -- --
	DRAWN -- NOAH HOFRICHTER	REVISED -- --
PLOT SCALE = --	CHECKED -- --	REVISED -- --
PLOT DATE = 8/29/2016 8:06 AM	DATE -- --	REVISED -- --

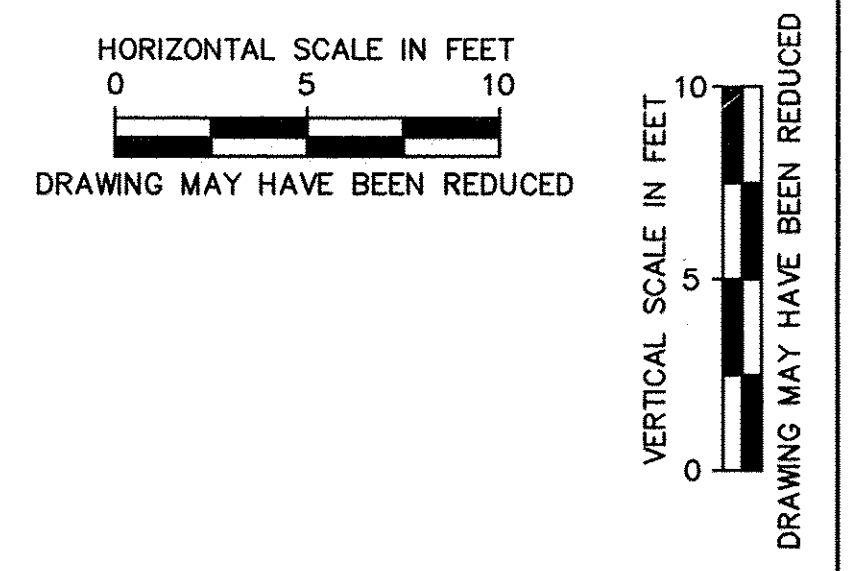
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GALENA RIVER TRAIL PHASE 3
 CROSS SECTIONS
 SCALE: -- SHEET 55 OF 69 SHEETS STA. 208+46.30 TO STA. 208+66.30

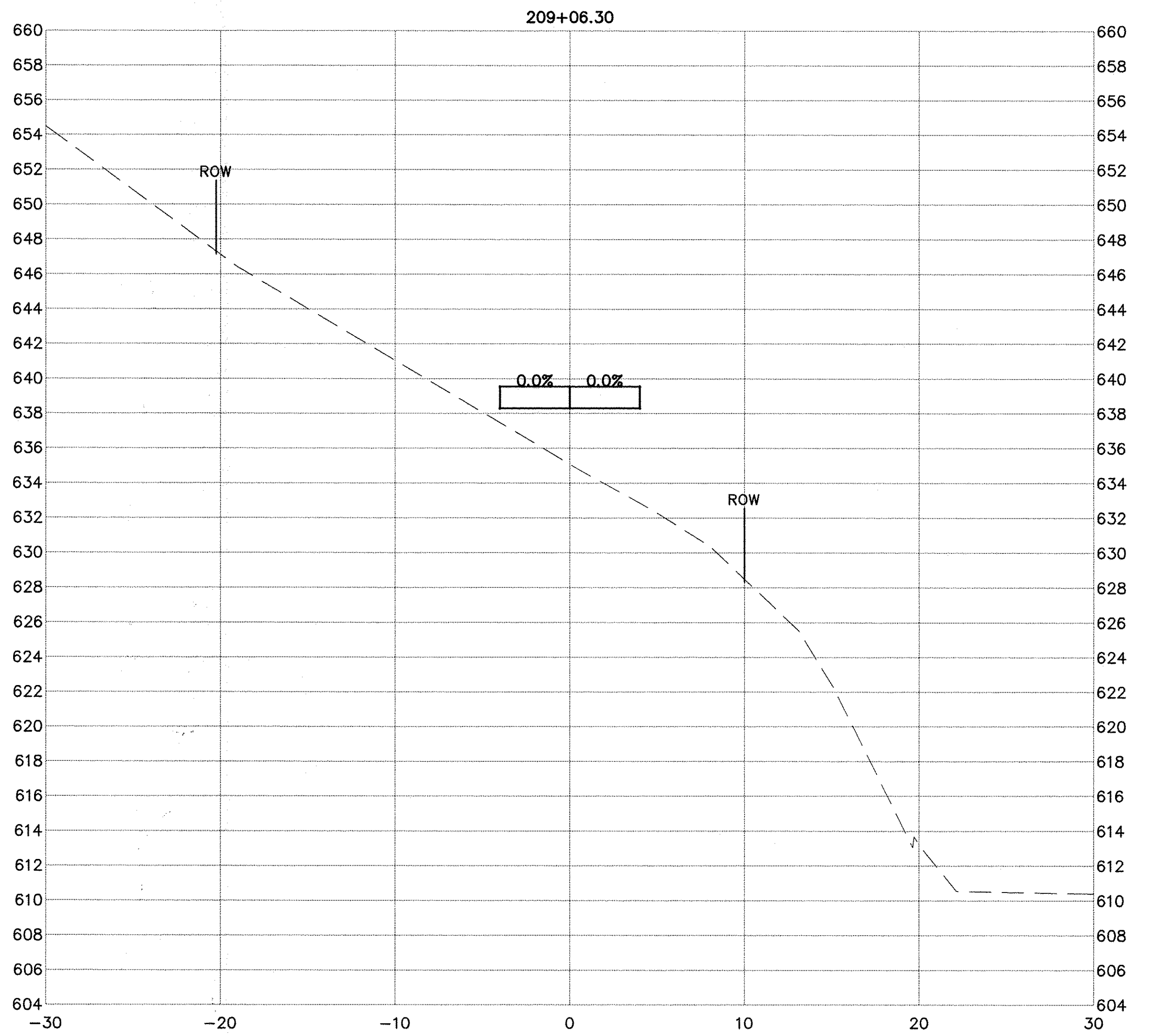
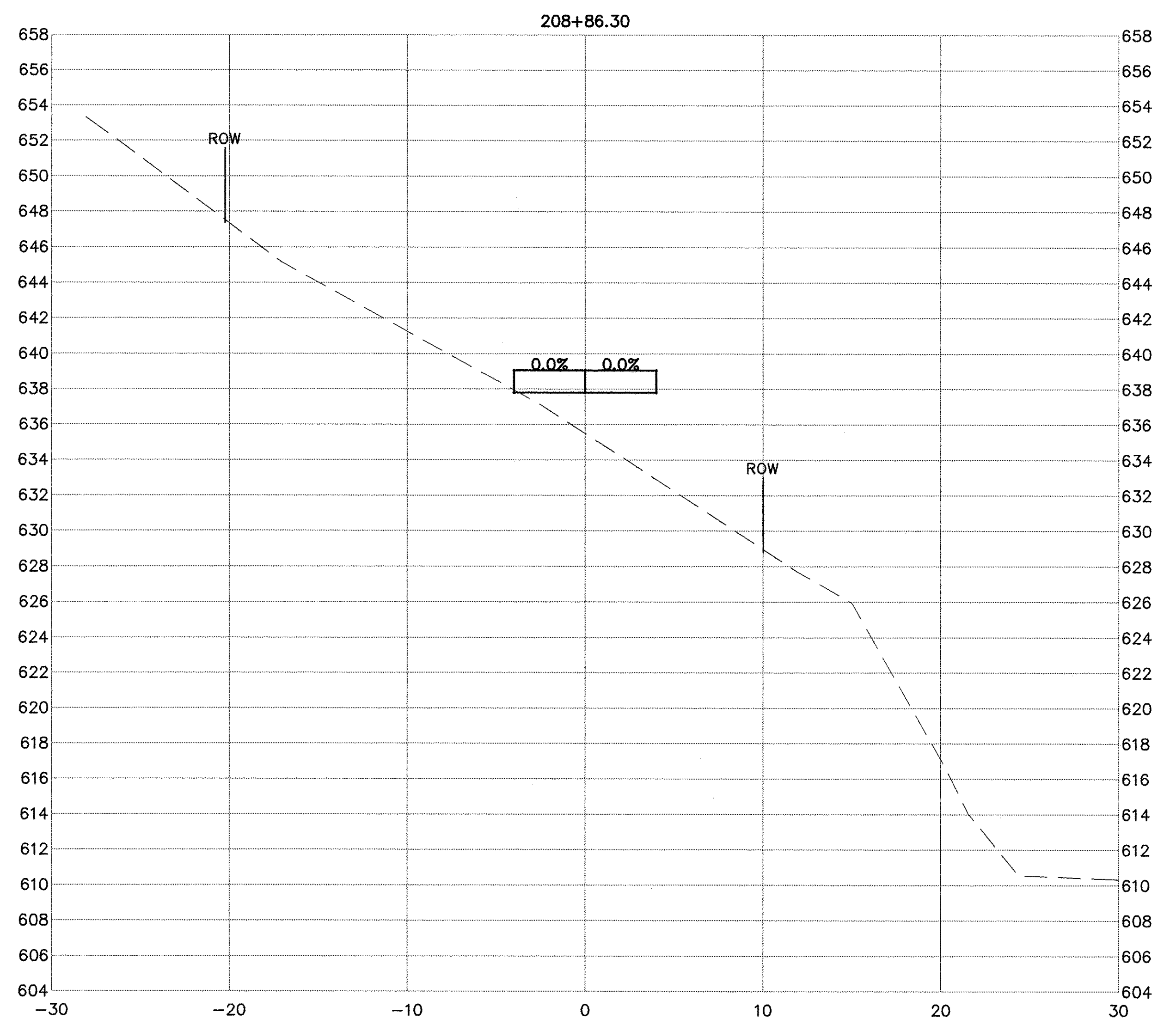
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route	10-00046-00-BT	JO DAVIESS	69	56
ILLINOIS FED. AID PROJECT			CONTRACT NO. -----	



PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATION CHKO		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATION CHKO		



USER NAME = NHOFRICHTER	DESIGNED -- --	REVISED -- --
	DRAWN -- NOAH HOFRICHTER	REVISED -- --
PLOT SCALE = --	CHECKED -- --	REVISED -- --
PLOT DATE = 8/29/2016 8:06 AM	DATE -- --	REVISED -- --

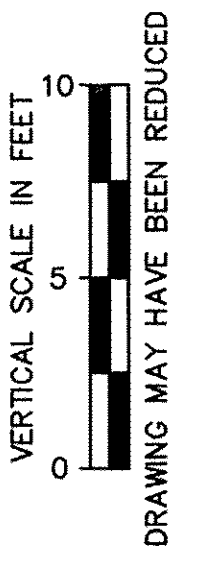
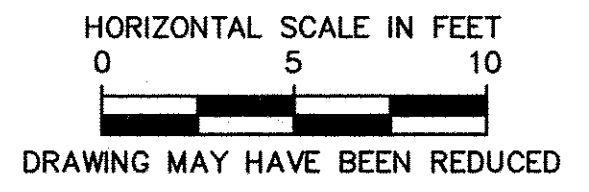
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GALENA RIVER TRAIL PHASE 3 CROSS SECTIONS	
SCALE: --	SHEET 56 OF 69 SHEETS STA. 208+86.30 TO STA. 209+06.30

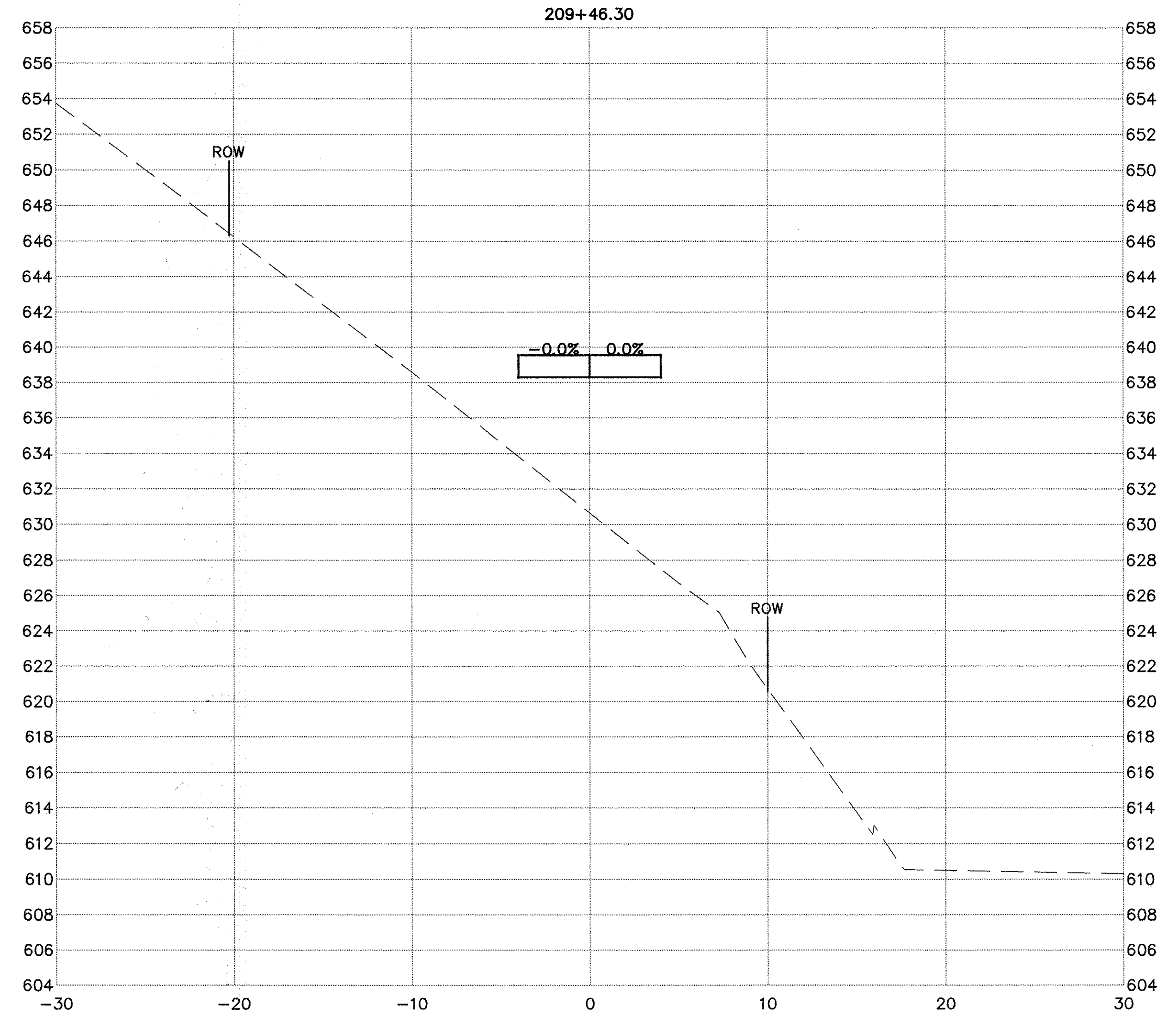
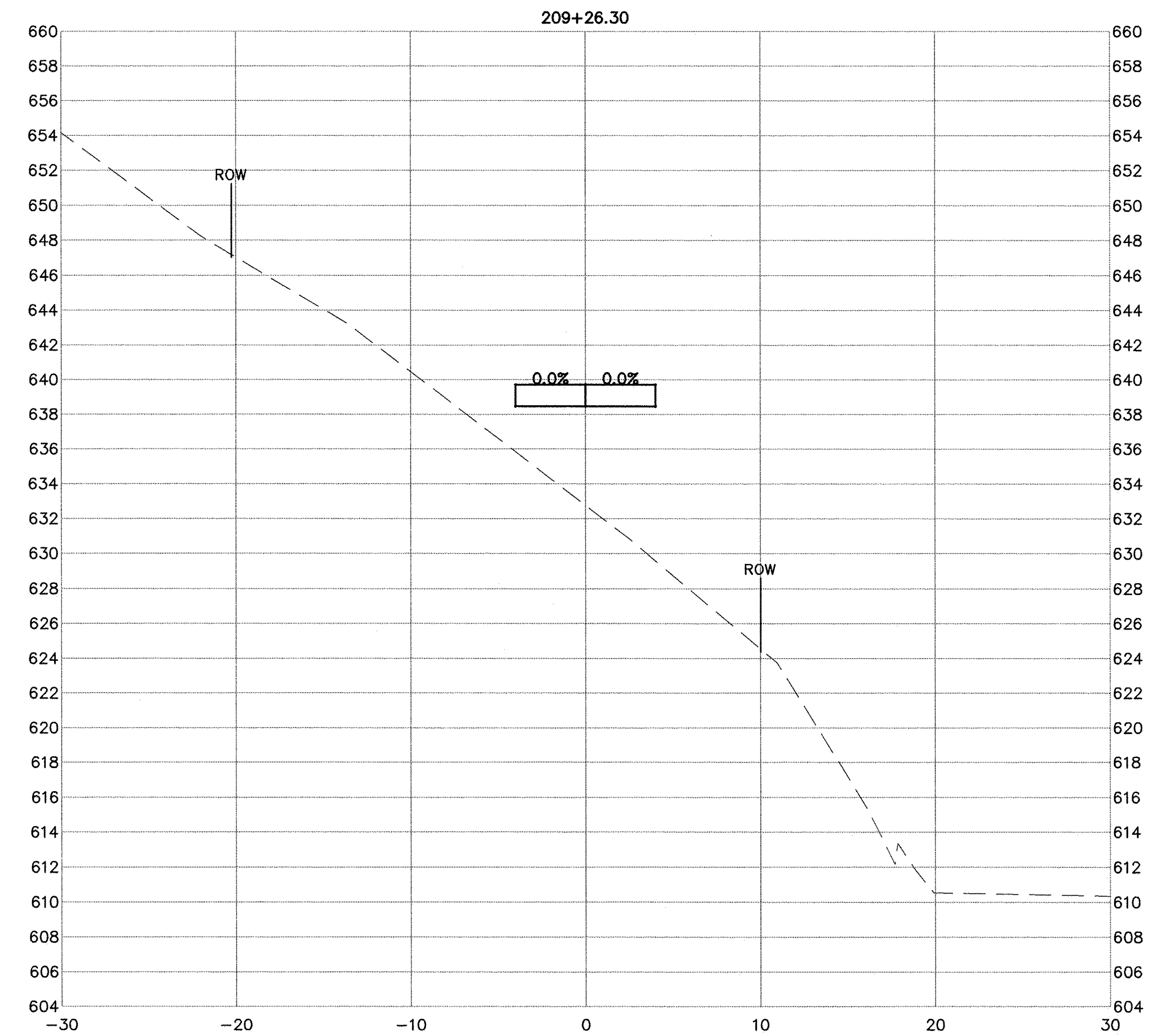
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route	10-00046-00-BT	JO DAVIESS	69	57
ILLINOIS FED. AID PROJECT			CONTRACT NO. -----	



PLAN	SURVEYED	DATE
NOTE BOOK NO.	ALIGNED	
	CHKD	
	BY	
	DATE	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	ALIGNED	
	CHKD	
	BY	
	DATE	



USER NAME = NHOFRICHTER	DESIGNED -- --	REVISED -- --
	DRAWN -- NOAH HOFRICHTER	REVISED -- --
PLOT SCALE = --	CHECKED -- --	REVISED -- --
PLOT DATE = 8/29/2016 8:07 AM	DATE -- --	REVISED -- --

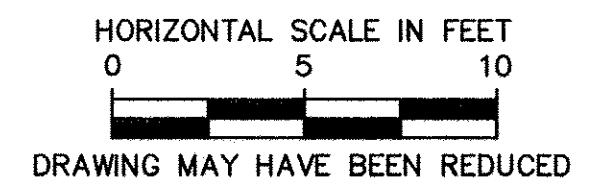
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DEPARTMENT OF TRANSPORTATION

GALENA RIVER TRAIL PHASE 3 CROSS SECTIONS		
SCALE: --	SHEET 57 OF 69 SHEETS	STA. 209+26.30 TO STA. 209+46.30

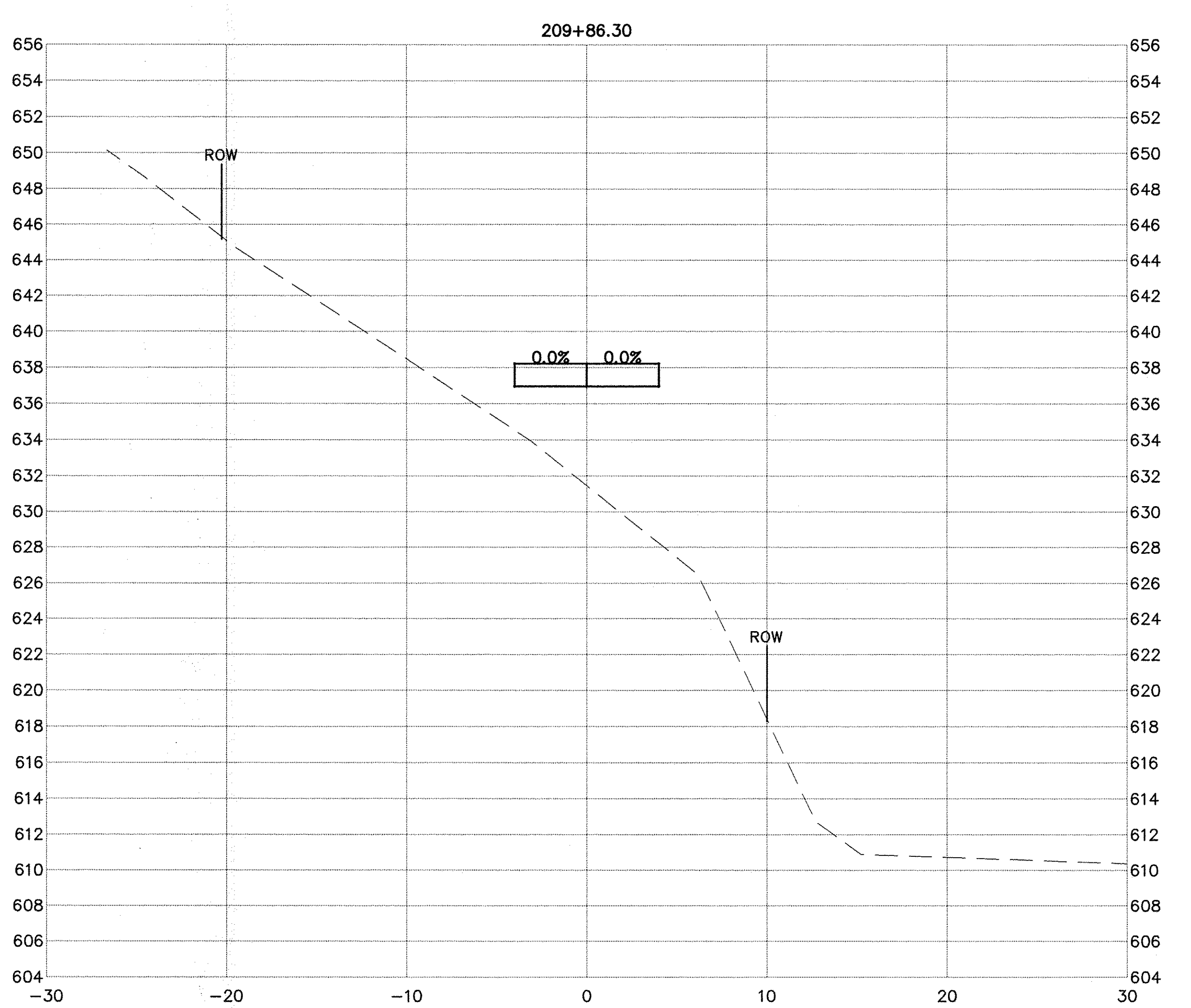
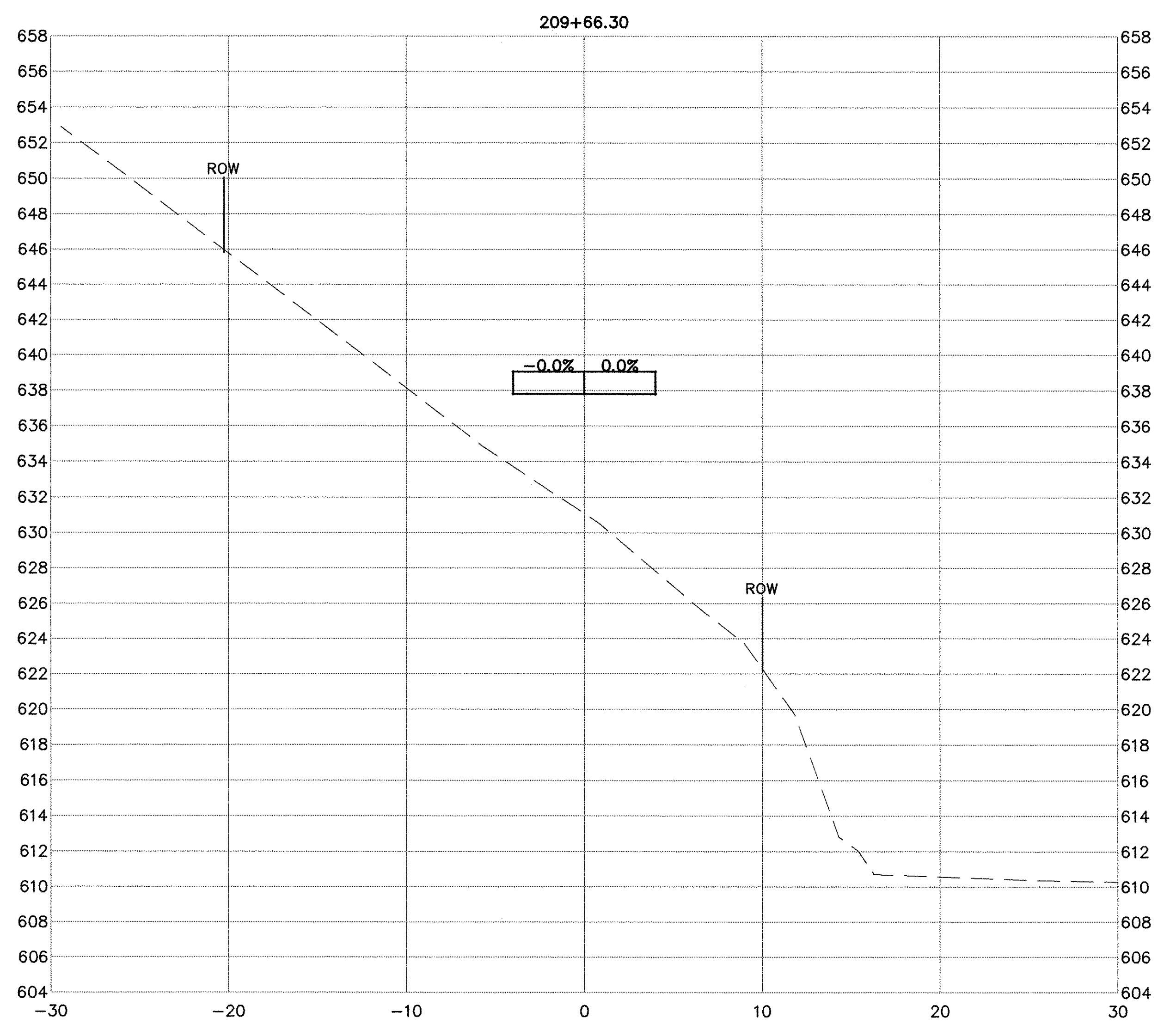
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SHEET NAME C10.10

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route	10-00046-00-BT	JO DAVIESS	69	58
ILLINOIS FED. AID PROJECT			CONTRACT NO. -----	



PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	



USER NAME = NHOFRICHTER	DESIGNED -- --	REVISED -- --
	DRAWN -- NOAH HOFRICHTER	REVISED -- --
PLOT SCALE = --	CHECKED -- --	REVISED -- --
PLOT DATE = 8/29/2016 8:07 AM	DATE -- --	REVISED -- --

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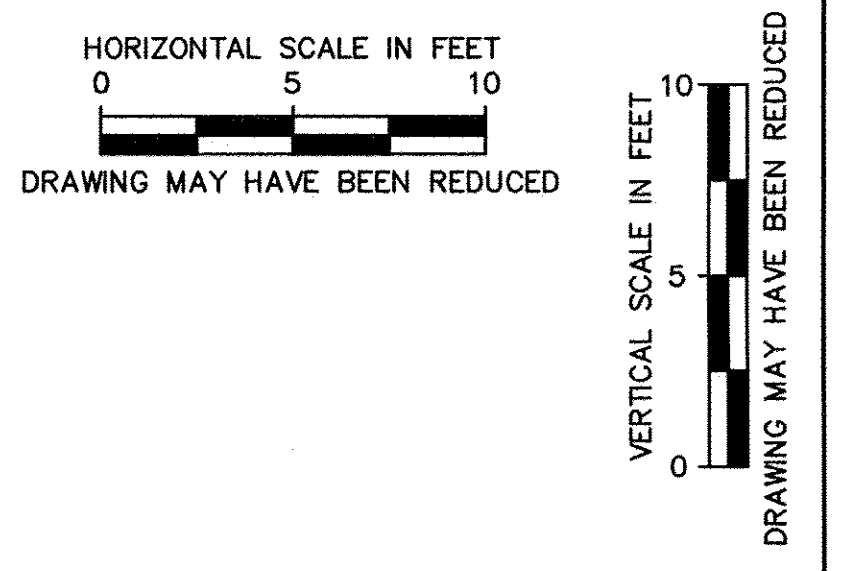
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

GALENA RIVER TRAIL PHASE 3
 CROSS SECTIONS
 SCALE: -- SHEET 58 OF 69 SHEETS STA. 209+66.30 TO STA. 209+86.30

FILE NAME = P:\12\028\028-01\Drawings\Civil\12028_xsec_updated
 SHEET NAME C10.11

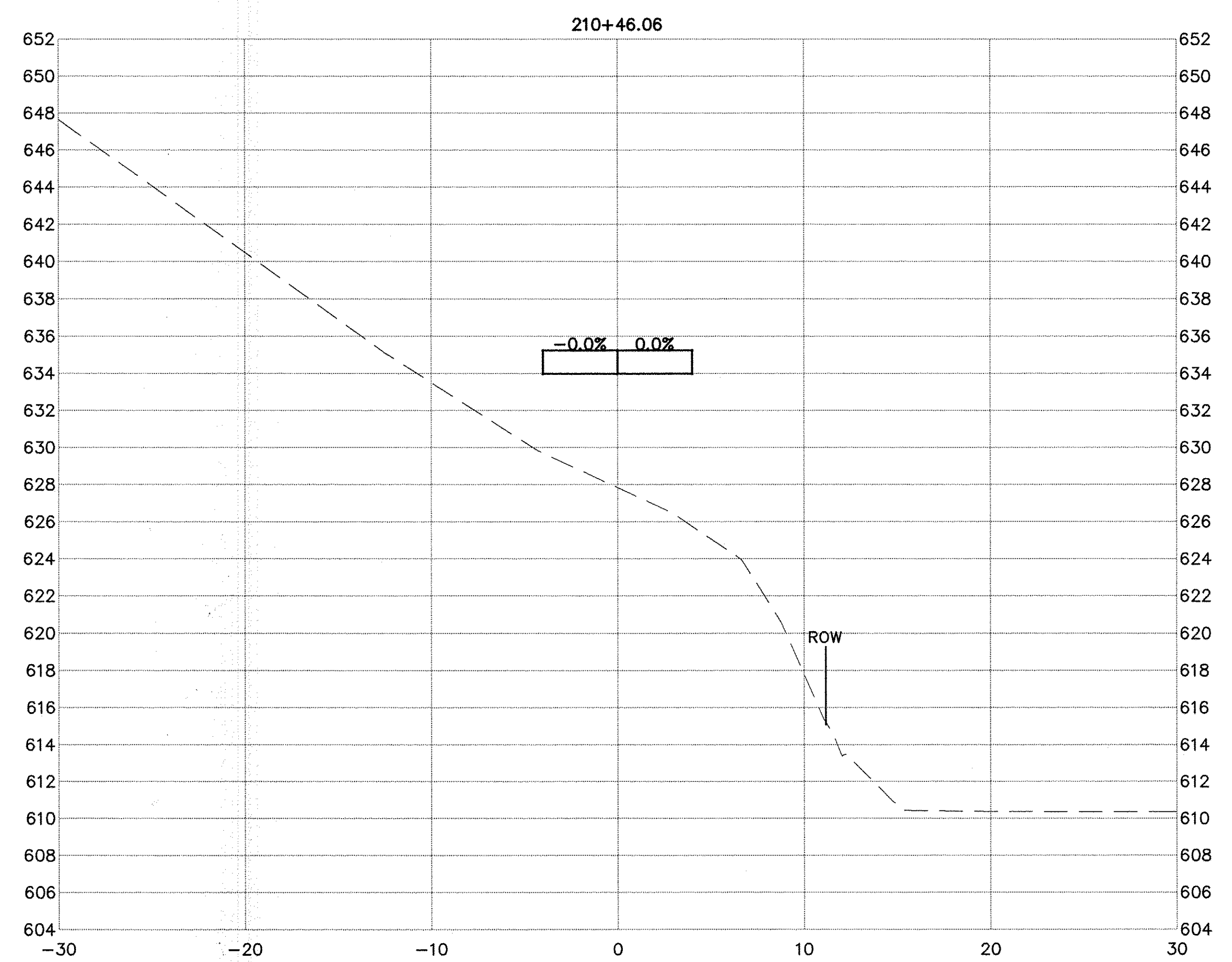
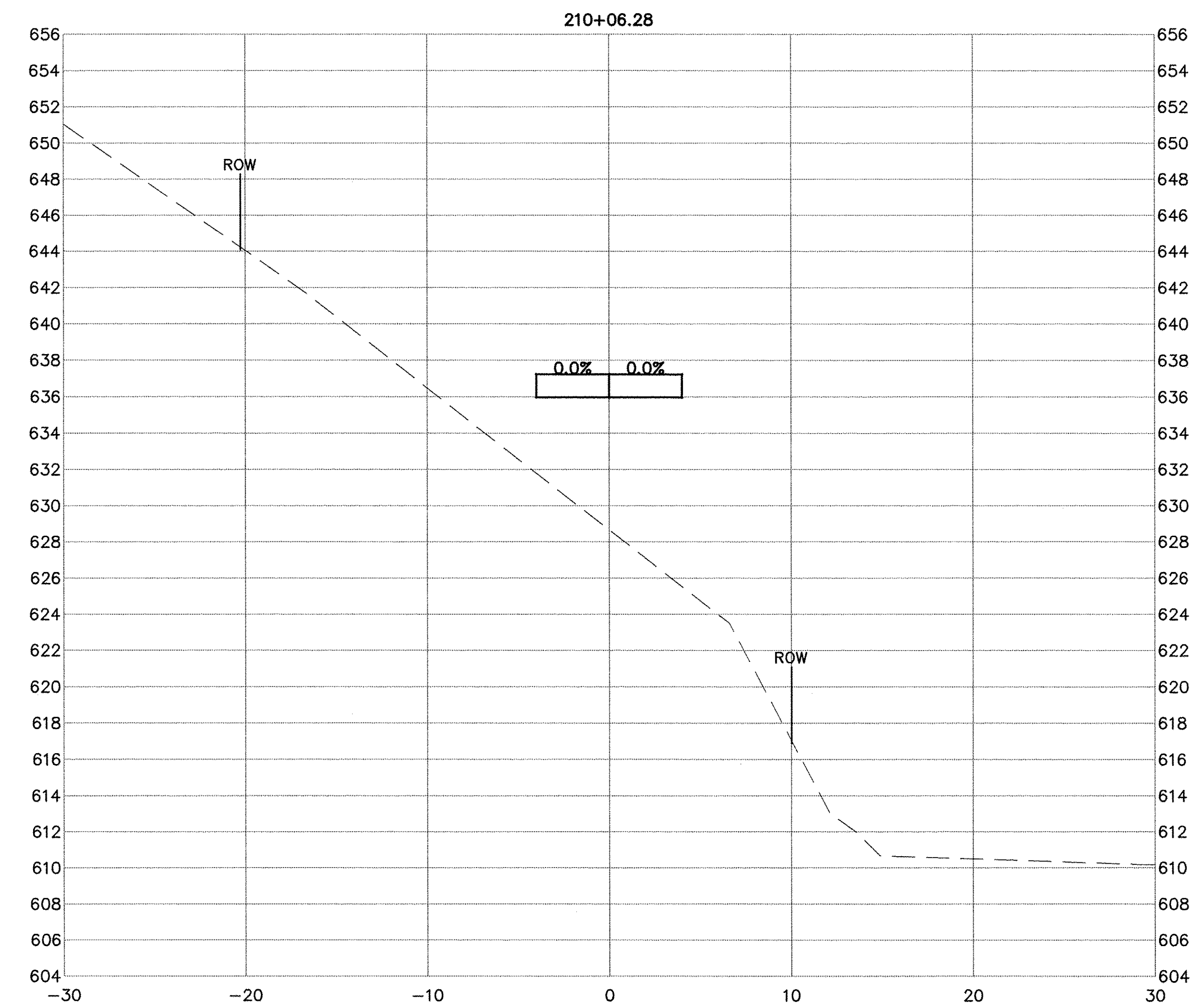
85581

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route	10-00046-00-BT	JO DAVIESS	69	59
CONTRACT NO. -----				
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
NOTE BOOK NO.	ALIGNED	
	CHKD	
	BY	
	DATE	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	ALIGNED	
	CHKD	
	BY	
	DATE	



USER NAME = NHOFRICHTER	DESIGNED -- --	REVISED -- --
	DRAWN -- NOAH HOFRICHTER	REVISED -- --
PLOT SCALE = --	CHECKED -- --	REVISED -- --
PLOT DATE = 8/29/2016 8:07 AM	DATE -- --	REVISED -- --

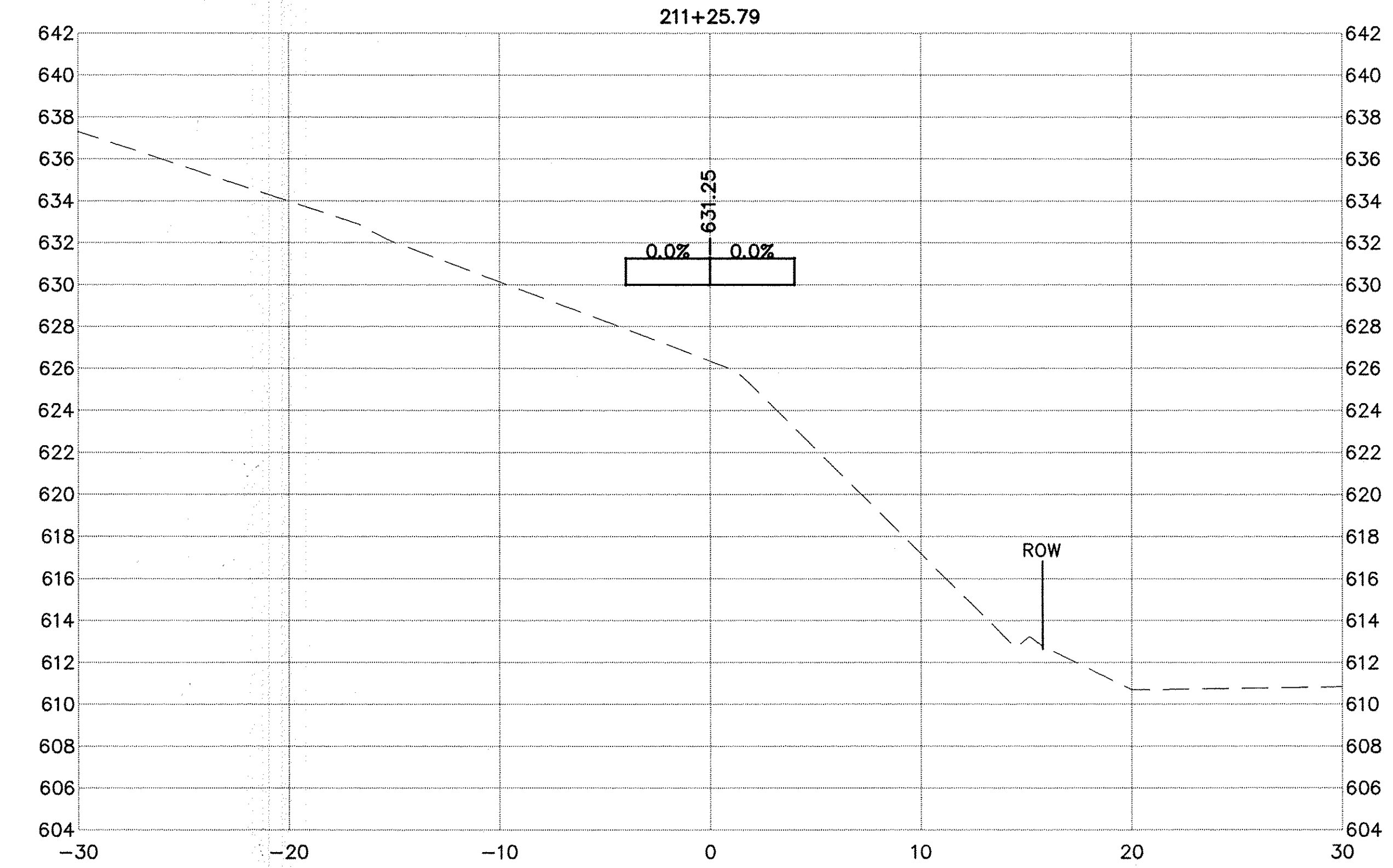
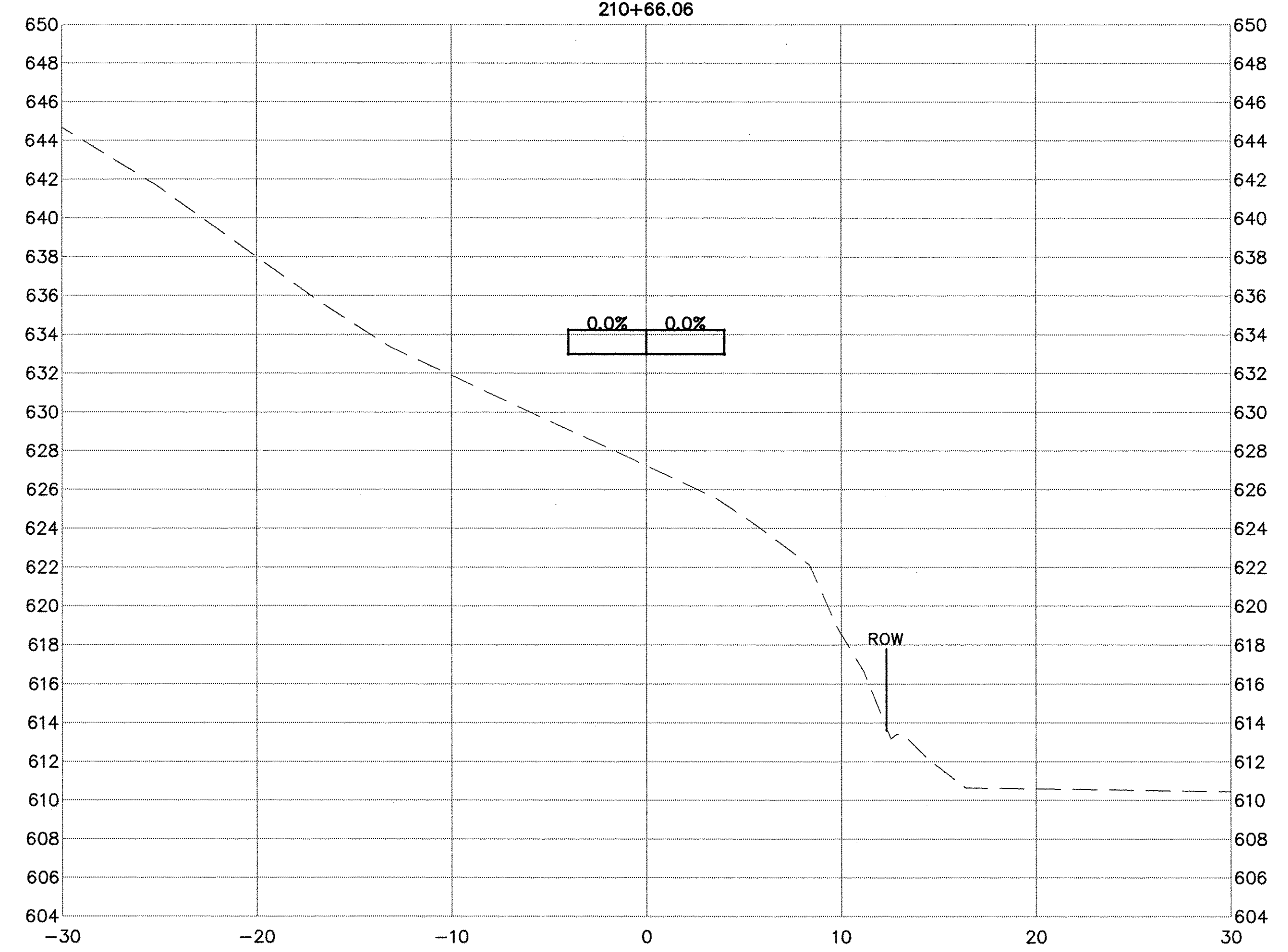
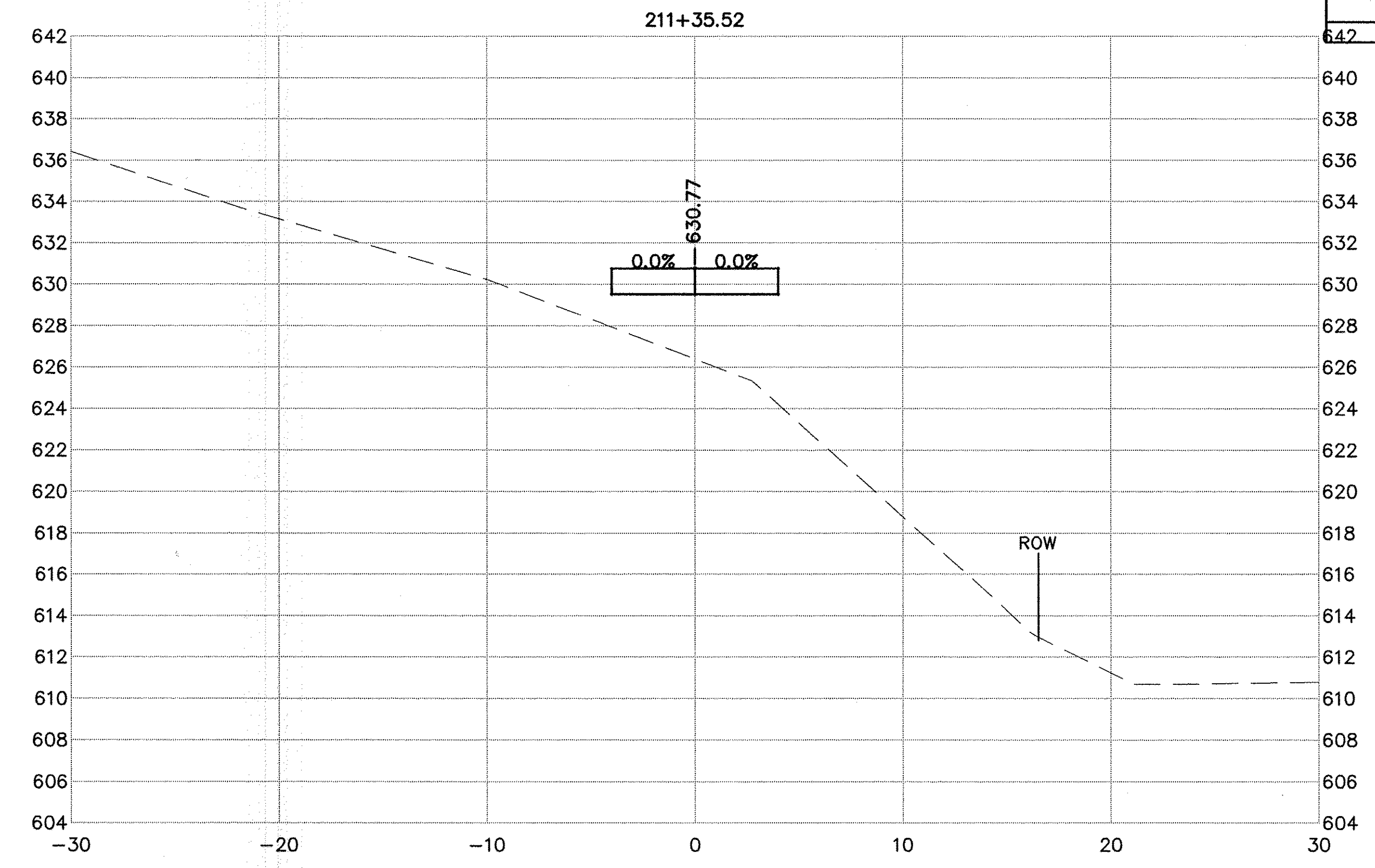
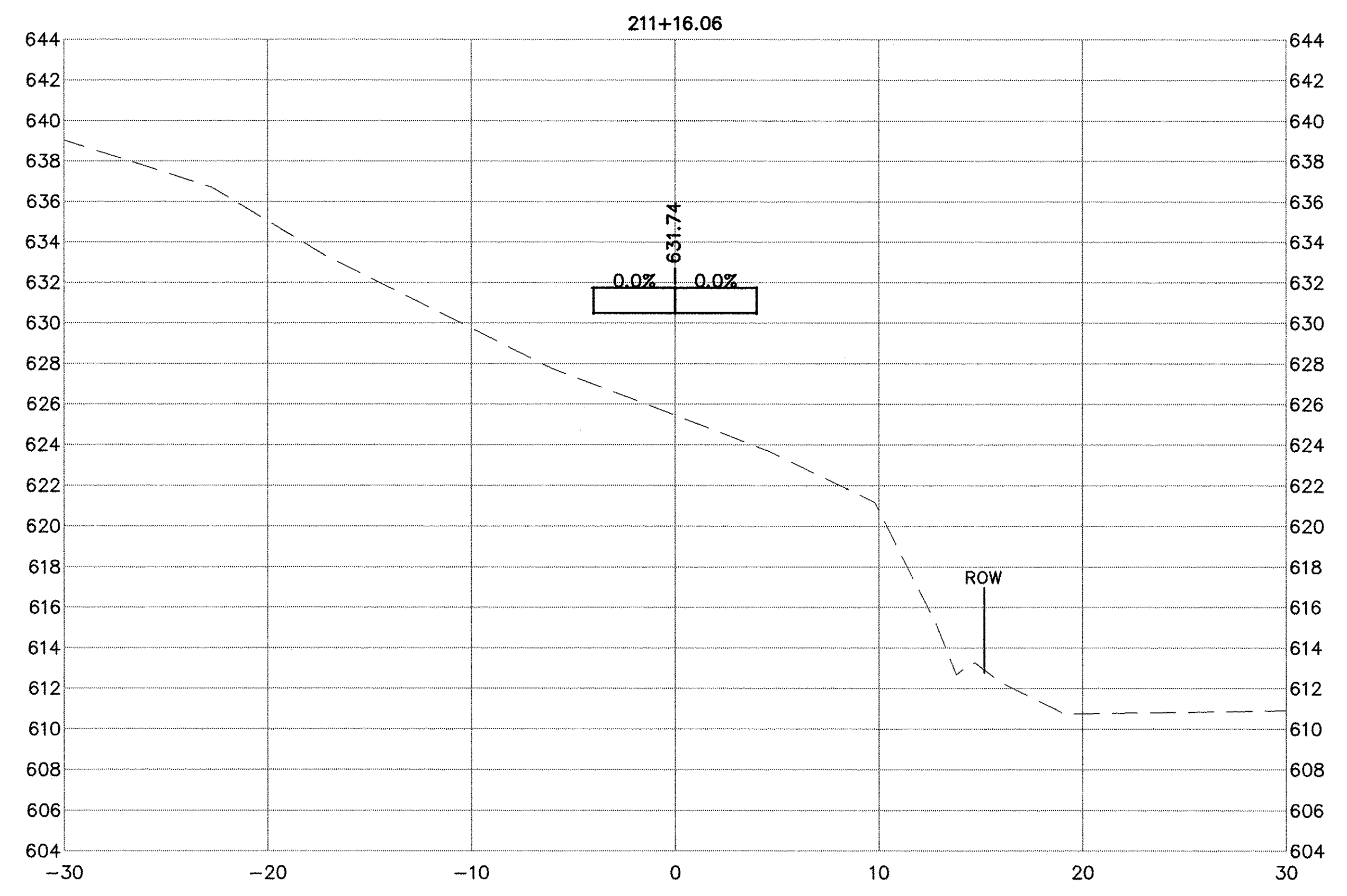
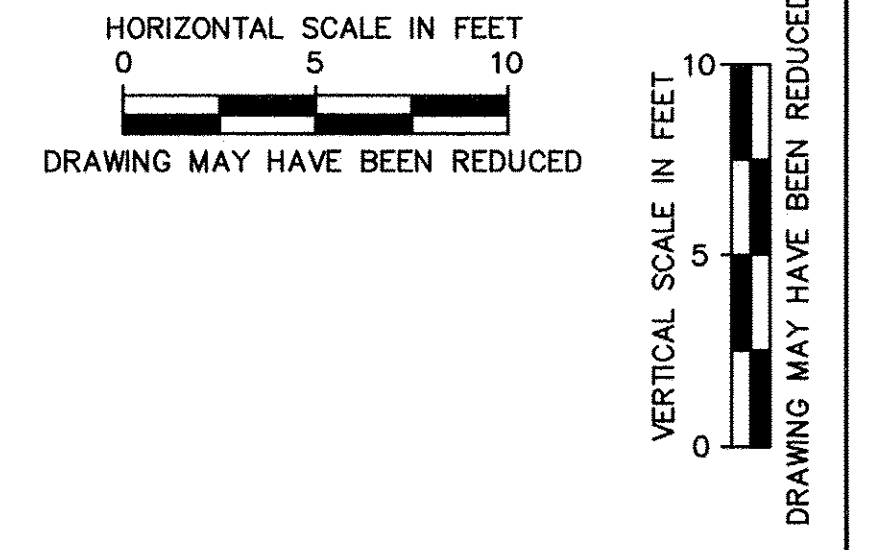
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GALENA RIVER TRAIL PHASE 3
 CROSS SECTIONS
 SCALE: -- SHEET 59 OF 69 SHEETS STA. 210+06.28 TO STA. 210+46.06

FILE NAME = P:\12\028\028-01\Drawings\Civil\12028_xsec_updated
 SHEET NAME C10.12

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route	10-00046-00-BT	JO DAVIESS	69	60
ILLINOIS FED. AID PROJECT			CONTRACT NO. -----	



PLAN	REVISIONS	DATE
NO.	BY	
NOTE BOOK	ALIGNED	
CADD FILE NAME	CHECKED	

PROFILE	REVISIONS	DATE
NO.	BY	
NOTE BOOK	GRADES CHECKED	
STRUCTURE NOTATIONS	BY	

USER NAME = NHOFRICHTER	DESIGNED -- --	REVISED -- --
	DRAWN -- NOAH HOFRICHTER	REVISED -- --
PLOT SCALE = --	CHECKED -- --	REVISED -- --
PLOT DATE = 8/29/2016 8:07 AM	DATE -- --	REVISED -- --

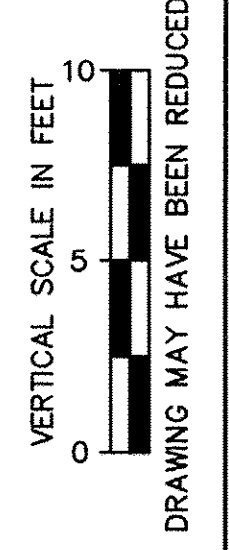
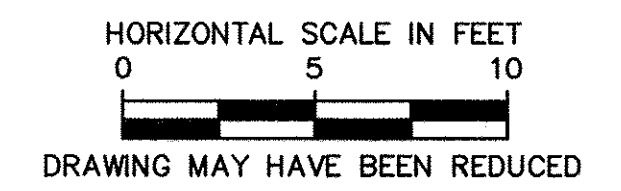
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GALENA RIVER TRAIL PHASE 3 CROSS SECTIONS	
SCALE: --	SHEET 60 OF 69 SHEETS STA. 210+66.06 TO STA. 211+35.52

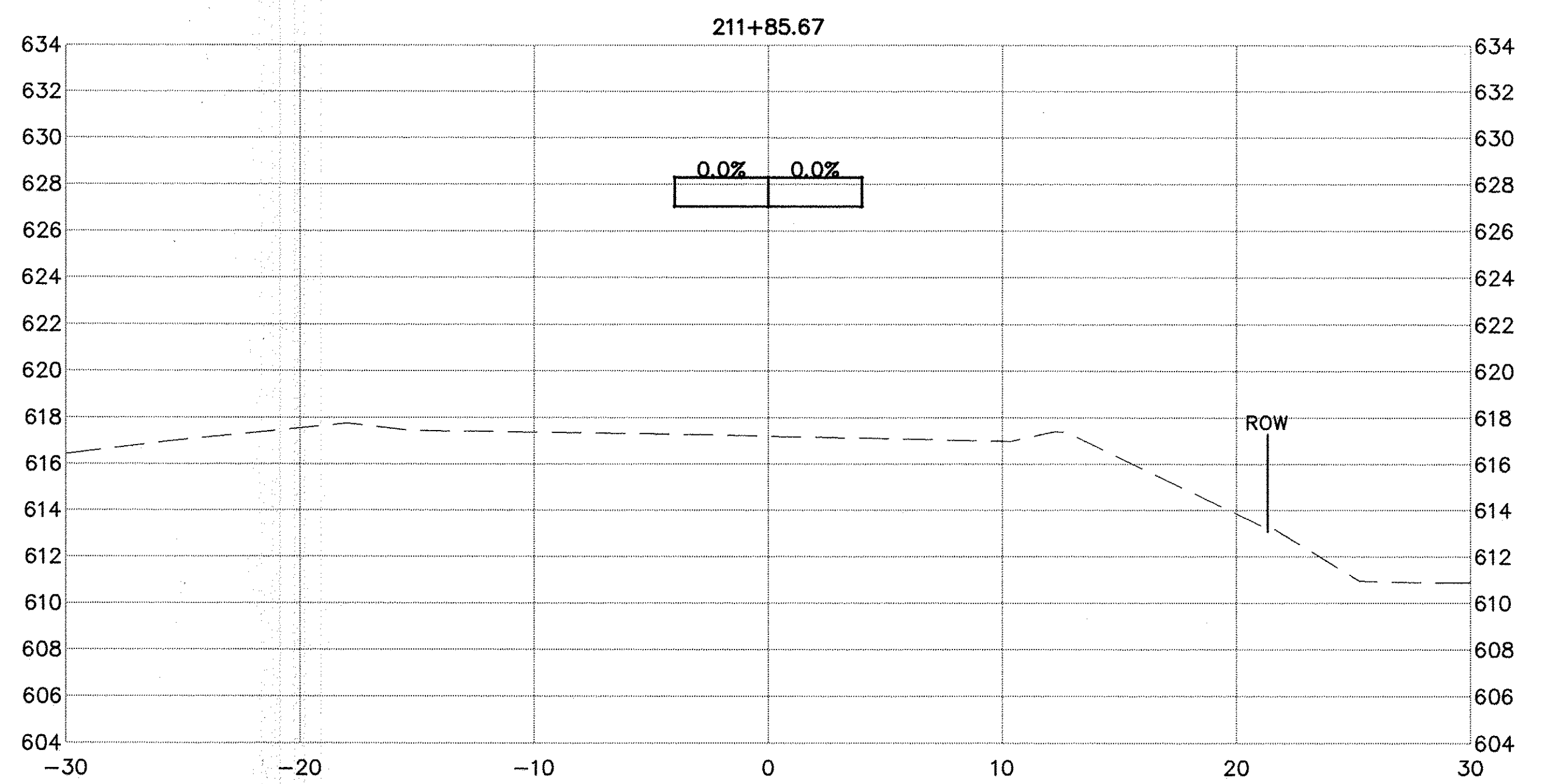
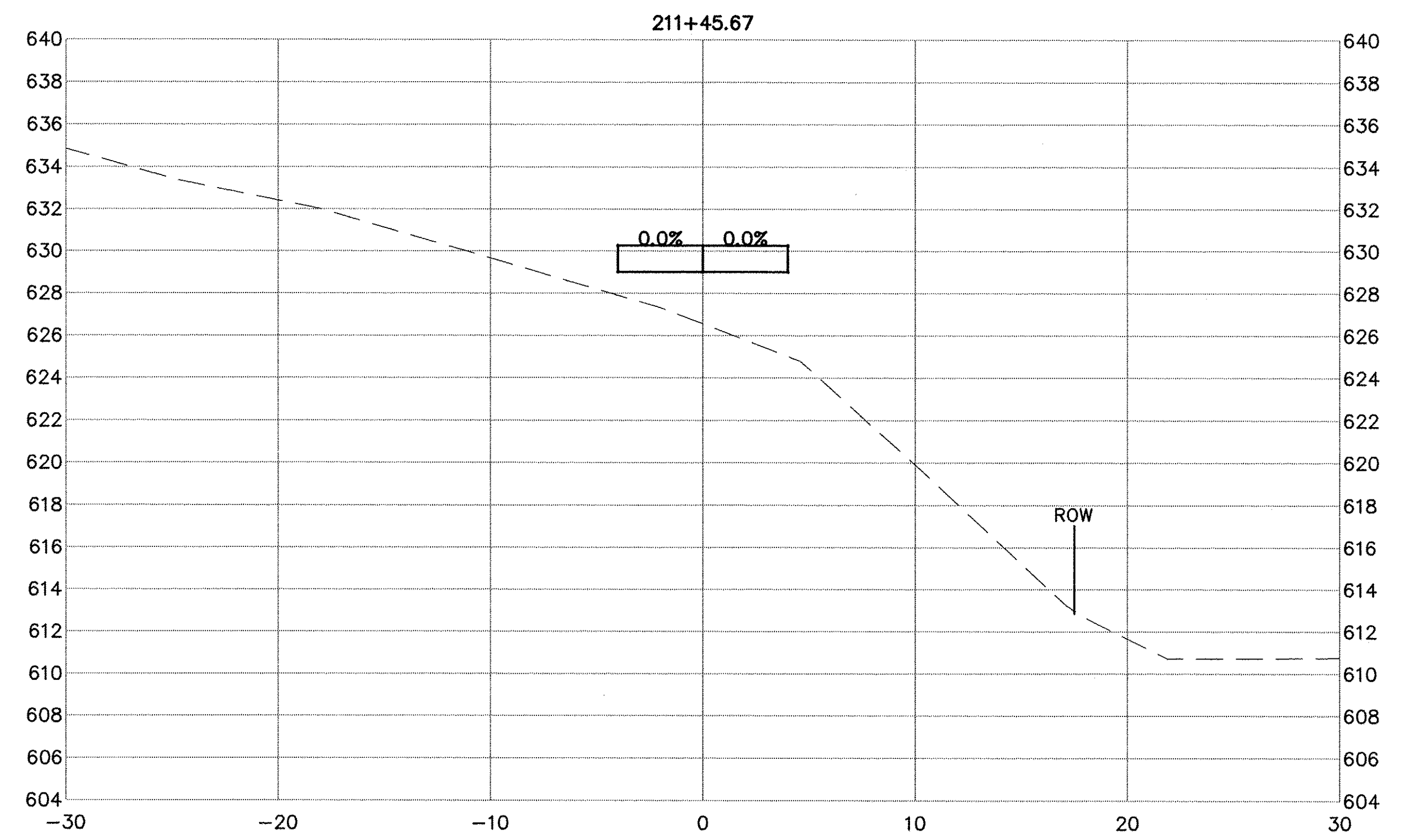
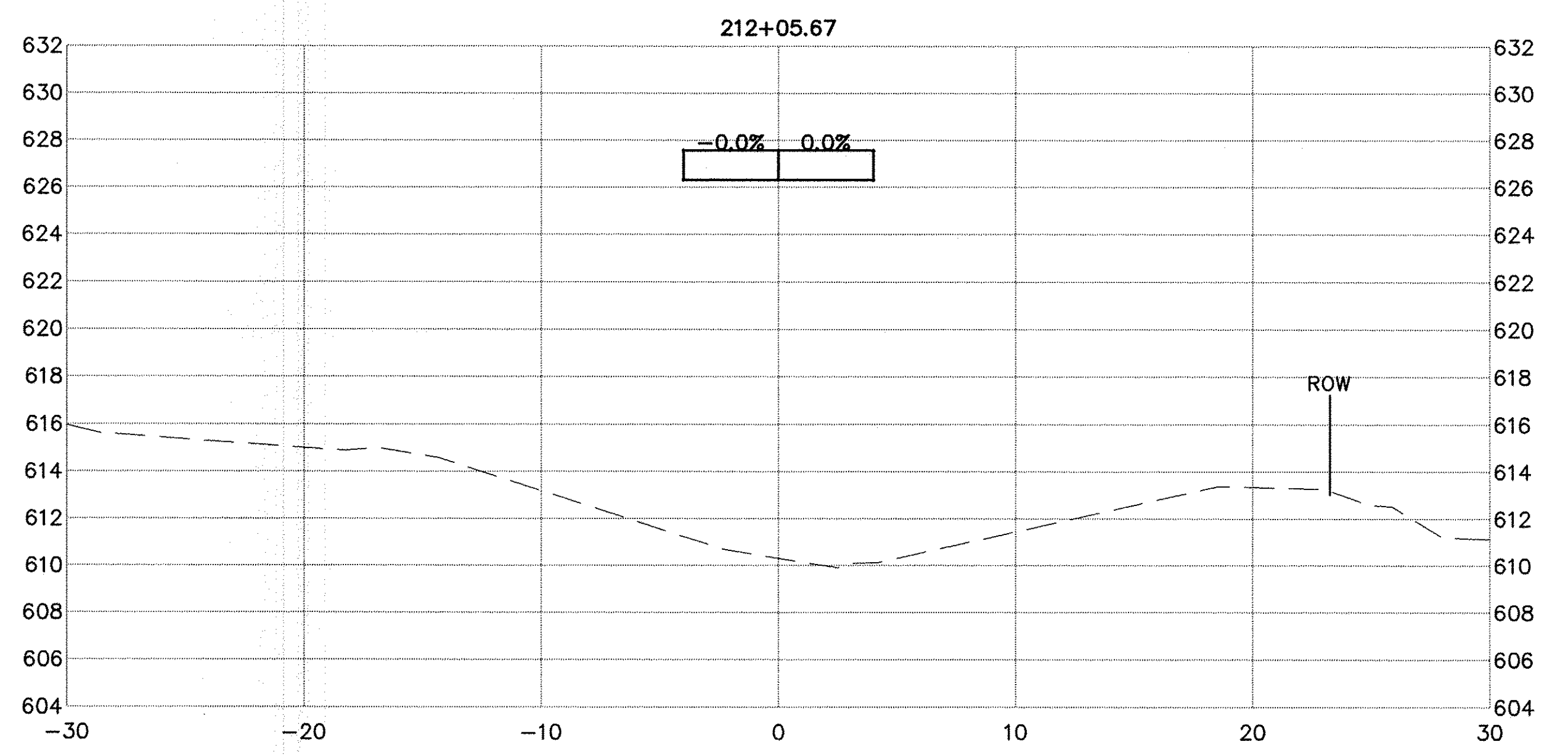
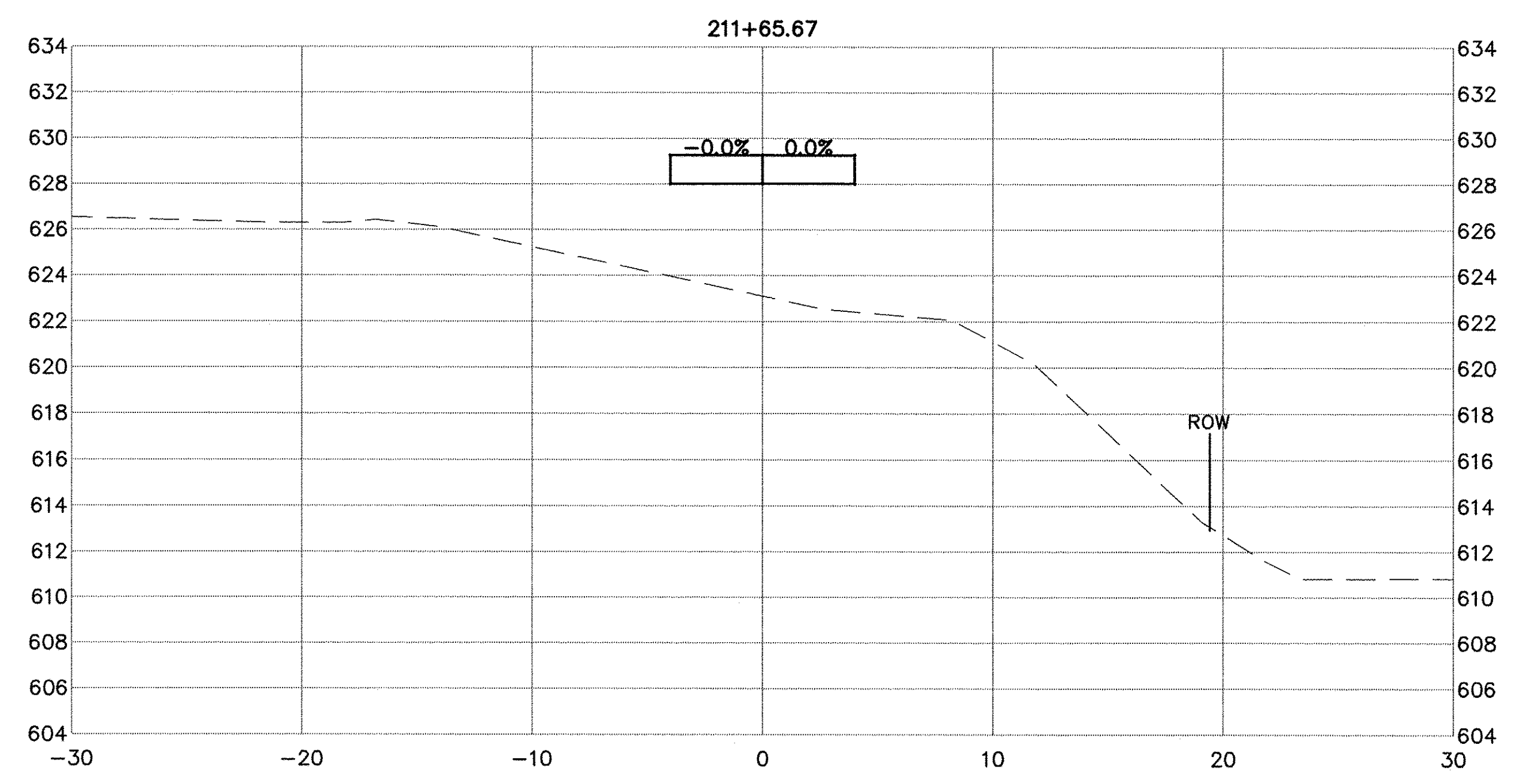
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route	10-00046-00-BT	JO DAVIESS	69	61
ILLINOIS FED. AID PROJECT			CONTRACT NO. -----	



PLAN	REVISIONS	DATE
NO.	NO.	
NOTE BOOK	ALIGNED CHECKED	
	PLOTTED	
	CADD FILE NAME	

PROFILE	REVISIONS	DATE
NO.	NO.	
NOTE BOOK	GRADES CHECKED	
	STRUCTURE NOTATION CHKO	



USER NAME = NHOFRICHTER	DESIGNED -- --	REVISED -- --
	DRAWN -- NOAH HOFRICHTER	REVISED -- --
PLOT SCALE = --	CHECKED -- --	REVISED -- --
PLOT DATE = 8/29/2016 8:08 AM	DATE -- --	REVISED -- --

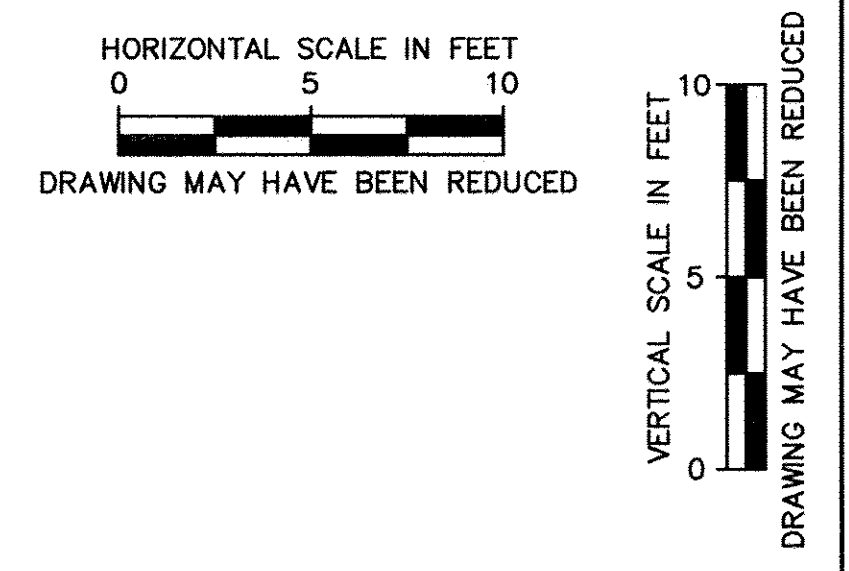
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GALENA RIVER TRAIL PHASE 3 CROSS SECTIONS		
SCALE: --	SHEET 61 OF 69 SHEETS	STA. 211+45.67 TO STA. 212+05.67

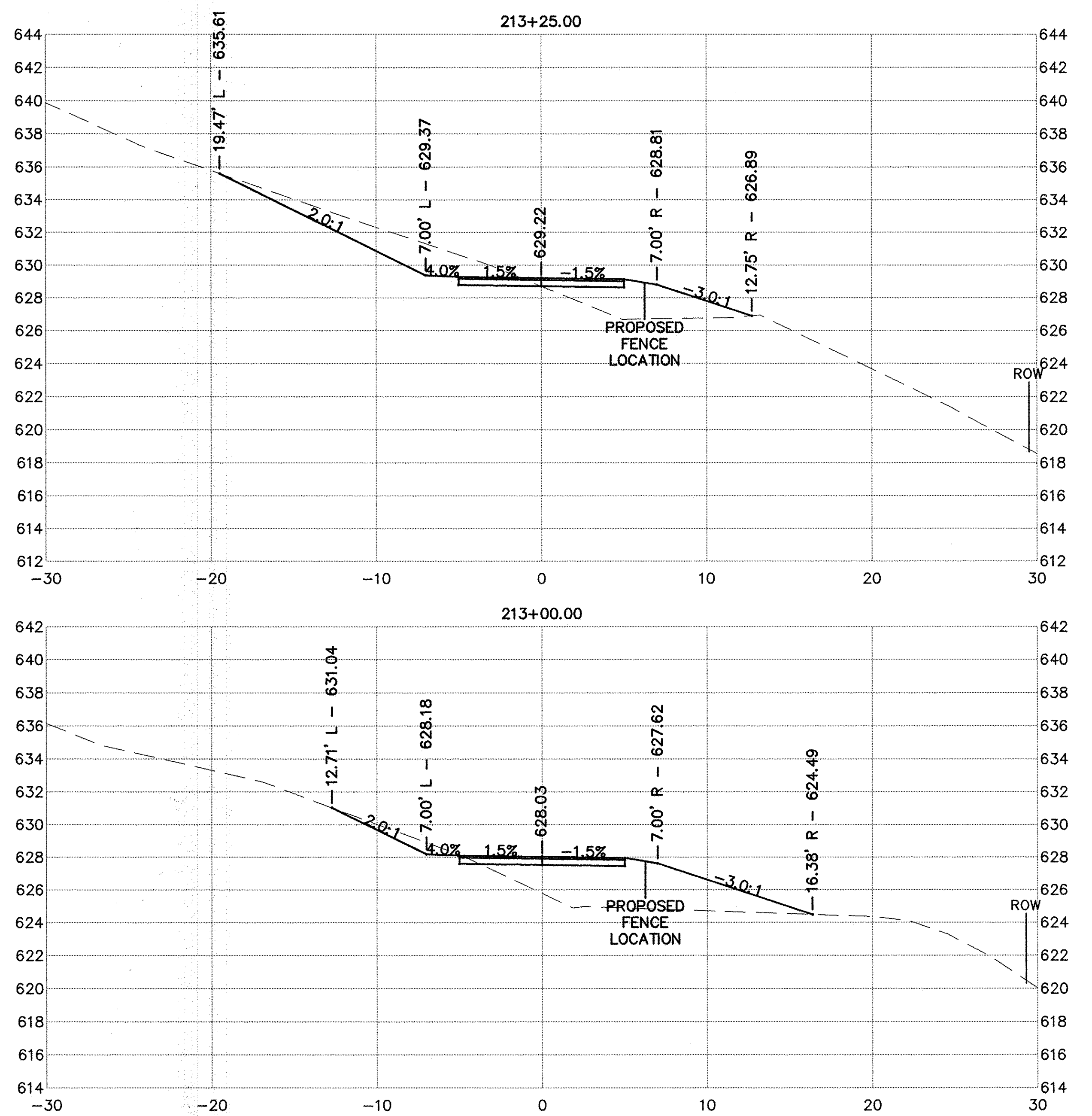
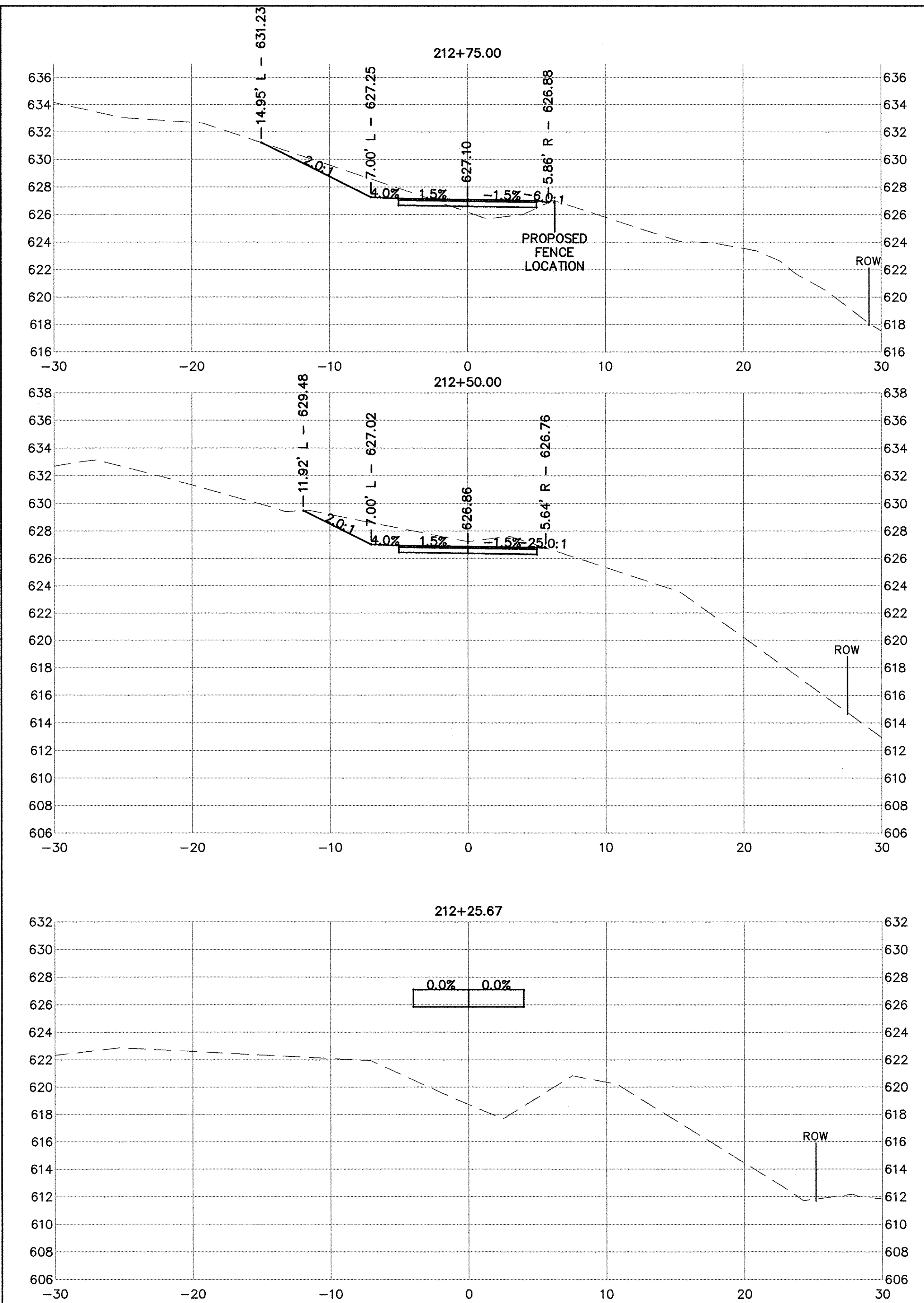
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 SHEET NAME C10.14

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route 10-00046-00-BT		JO DAVIESS	69	62
ILLINOIS FED. AID PROJECT			CONTRACT NO. -----	



PLAN	SURVEYED	DATE
	BY	
	NO. _____	
	NOTE BOOK _____	
	ALIGNED CHECKED _____	
	PLOTTED CHECKED _____	
	FILE NAME _____	

PROFILE	SURVEYED	DATE
	BY	
	NO. _____	
	NOTE BOOK _____	
	GRADES CHECKED _____	
	STRUCTURE NOTATIONS CHECKED _____	



USER NAME = NHOFRICHTER	DESIGNED ---	REVISED ---
	DRAWN --- NOAH HOFRICHTER	REVISED ---
PLOT SCALE ---	CHECKED ---	REVISED ---
PLOT DATE = 8/29/2016 8:08 AM	DATE ---	REVISED ---

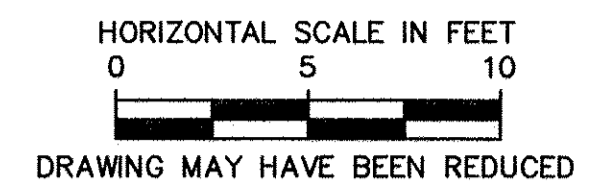
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GALENA RIVER TRAIL PHASE 3
 CROSS SECTIONS
 SCALE: --- SHEET 62 OF 69 SHEETS STA. 212+25.67 TO STA. 213+25

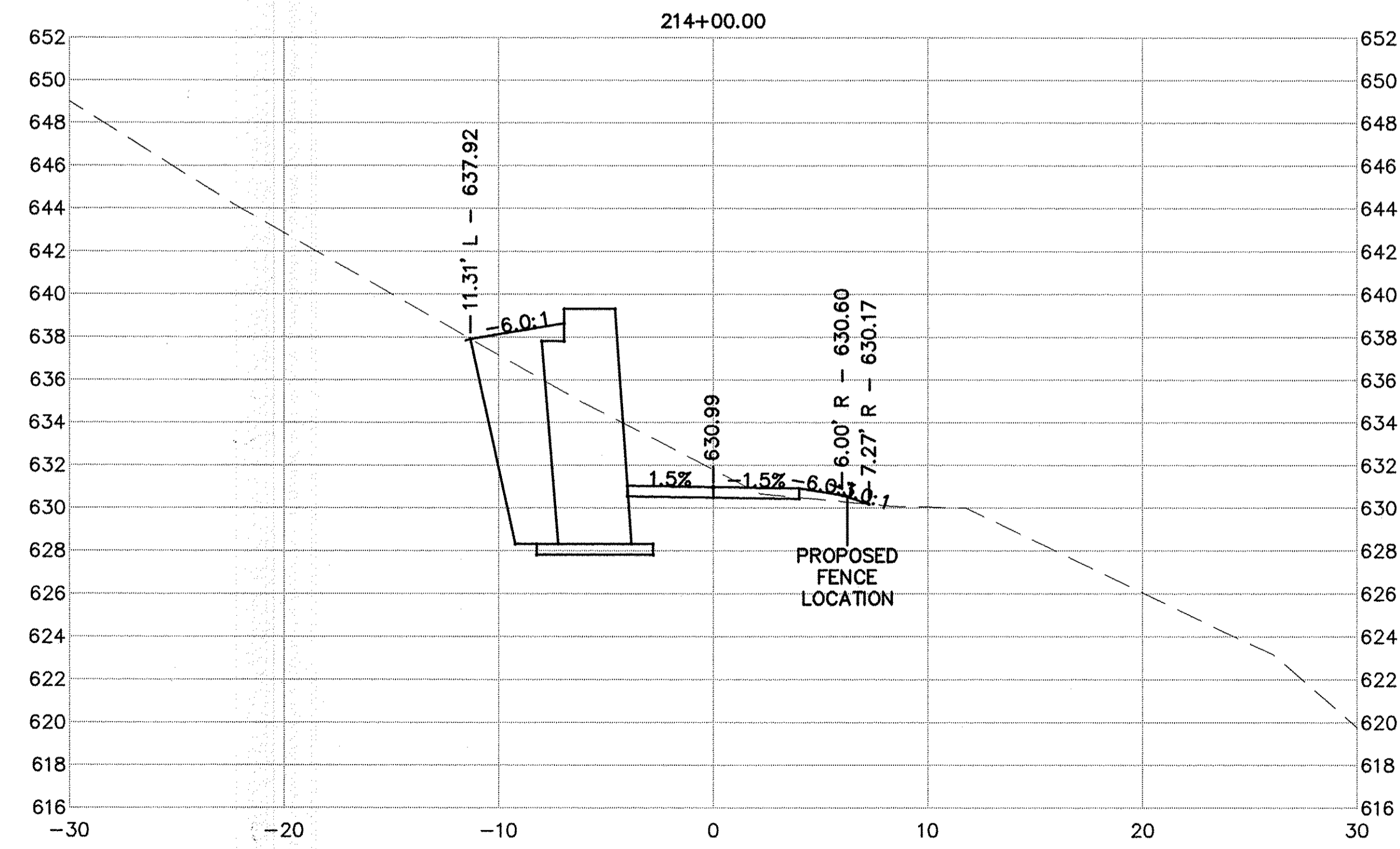
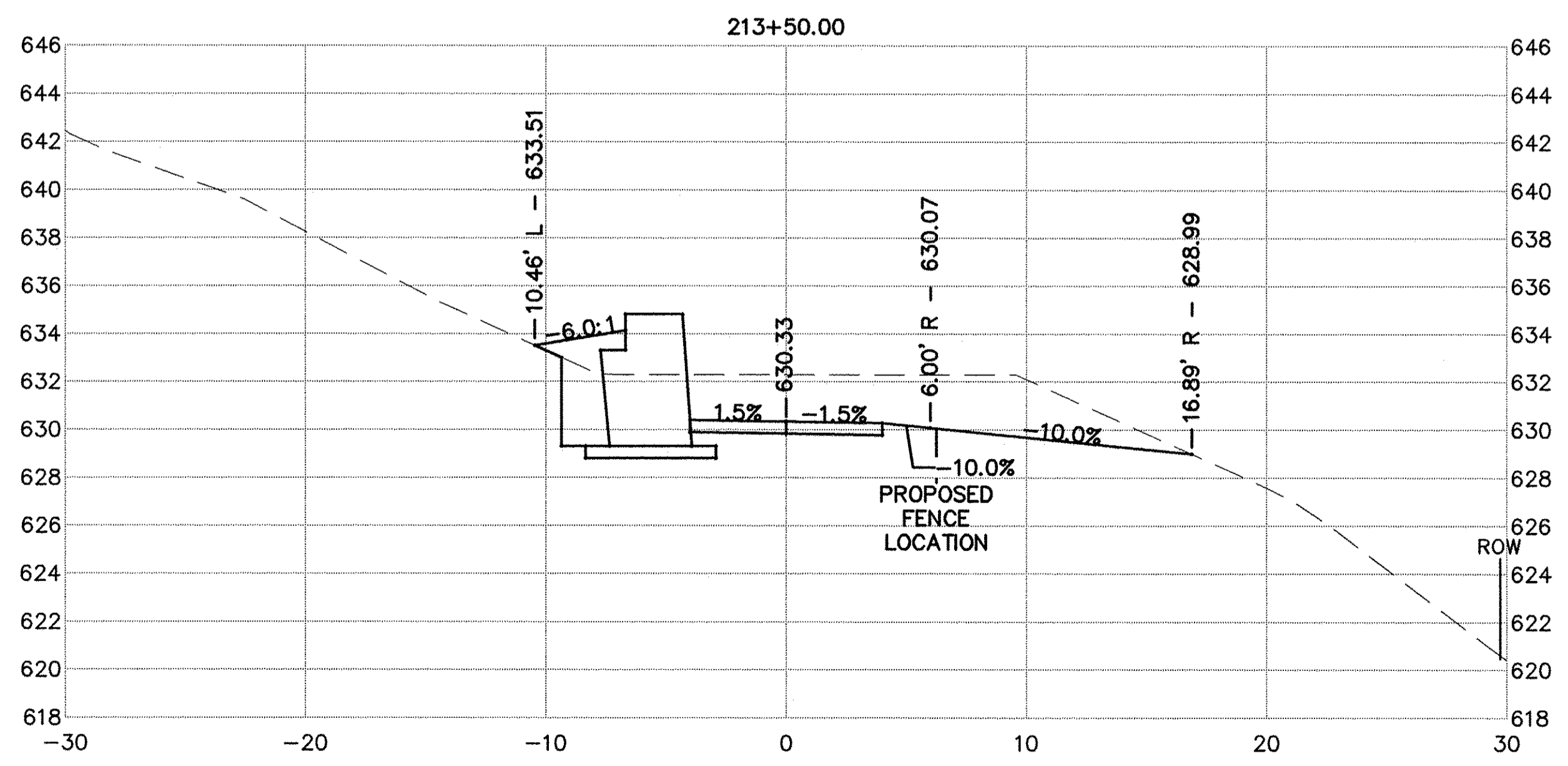
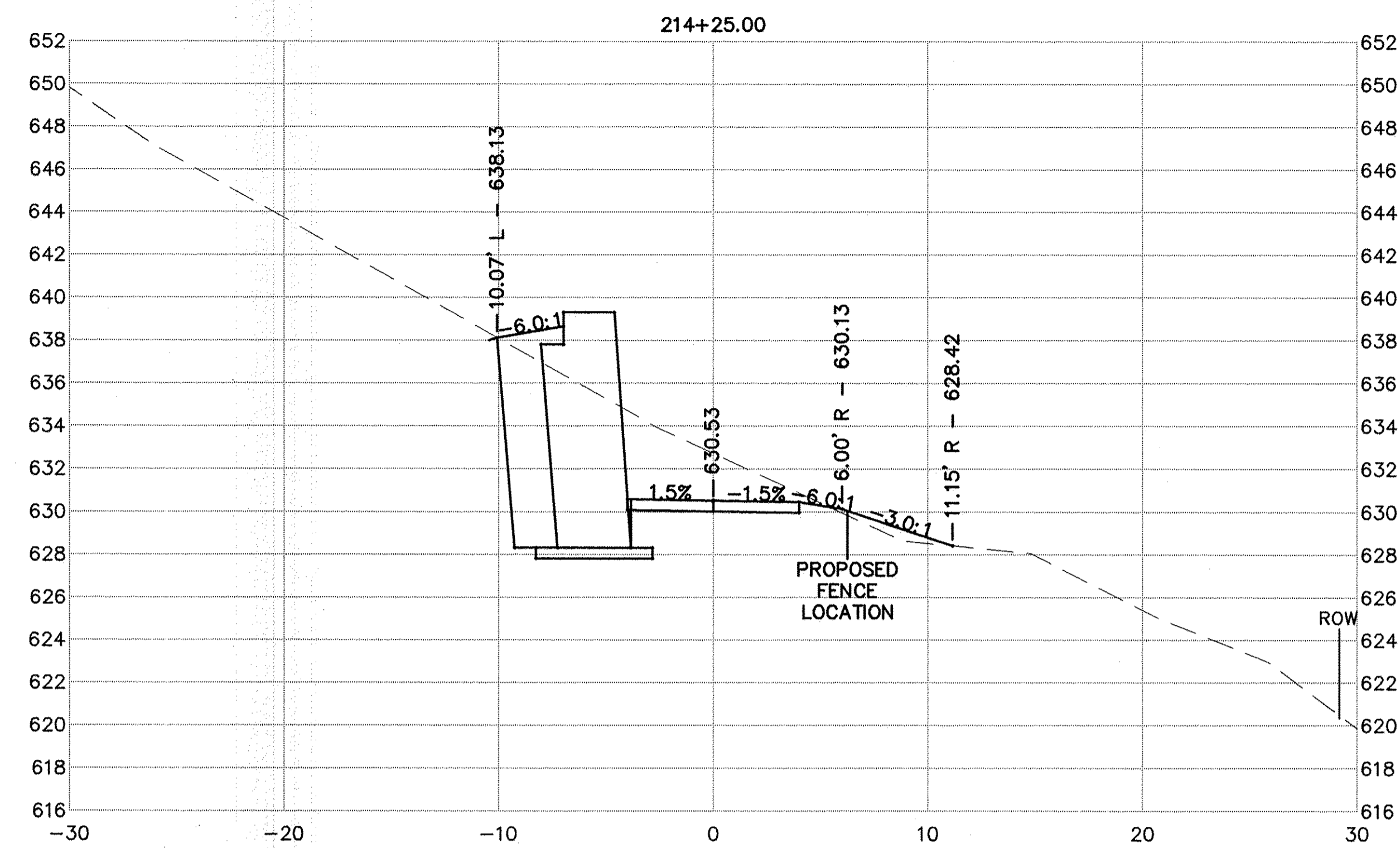
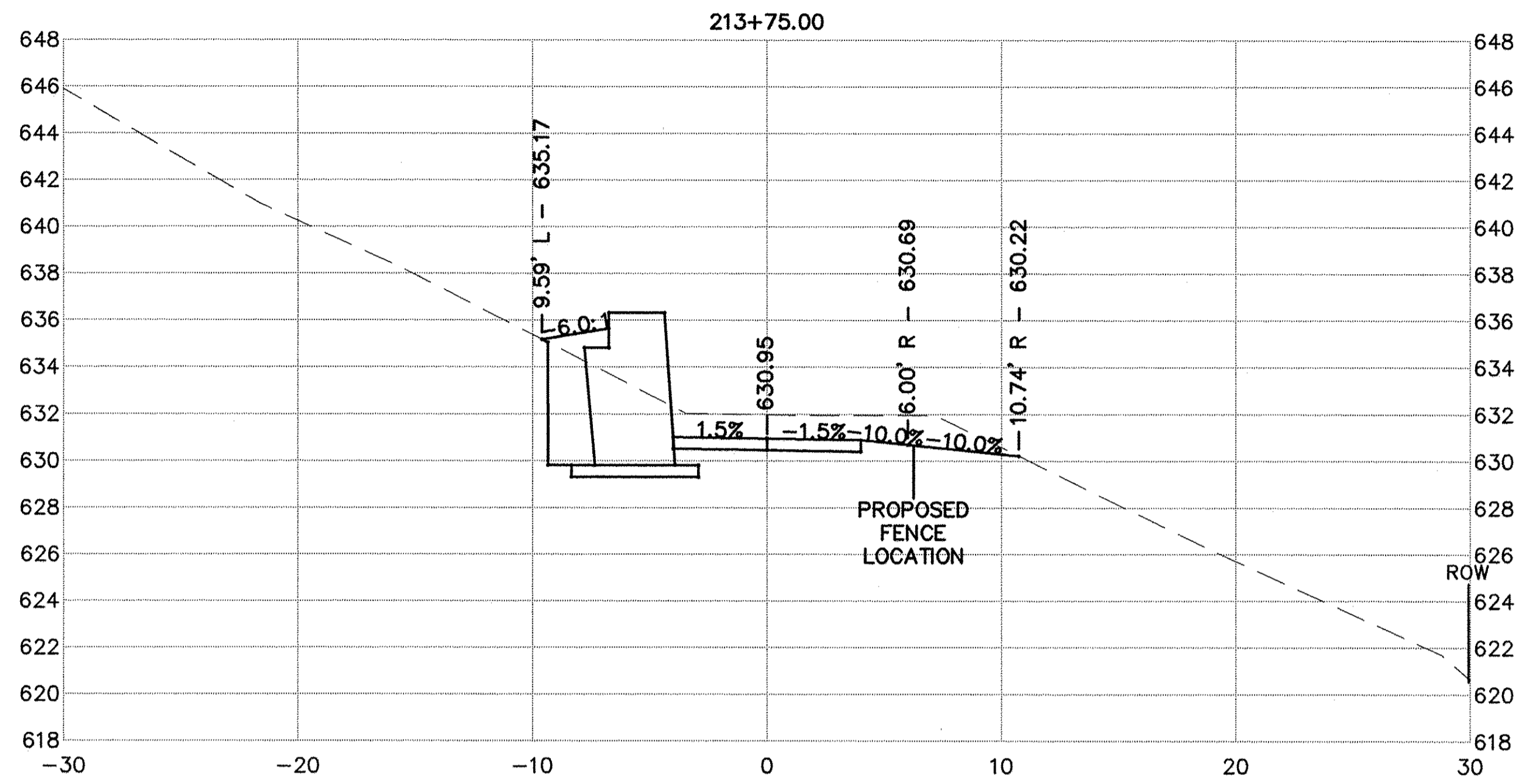
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 SHEET NAME C10.15

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route	10-00046-00-BT	JO DAVIESS	69	63
ILLINOIS FED. AID PROJECT			CONTRACT NO. -----	



PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	BY
NO.	STRUCTURE NOTATION	CHKD



USER NAME = NHOFRICHTER	DESIGNED ---	REVISED ---
	DRAWN --- NOAH_HOFRICHTER	REVISED ---
PLOT SCALE ---	CHECKED ---	REVISED ---
PLOT DATE = 8/29/2016 8:08 AM	DATE ---	REVISED ---

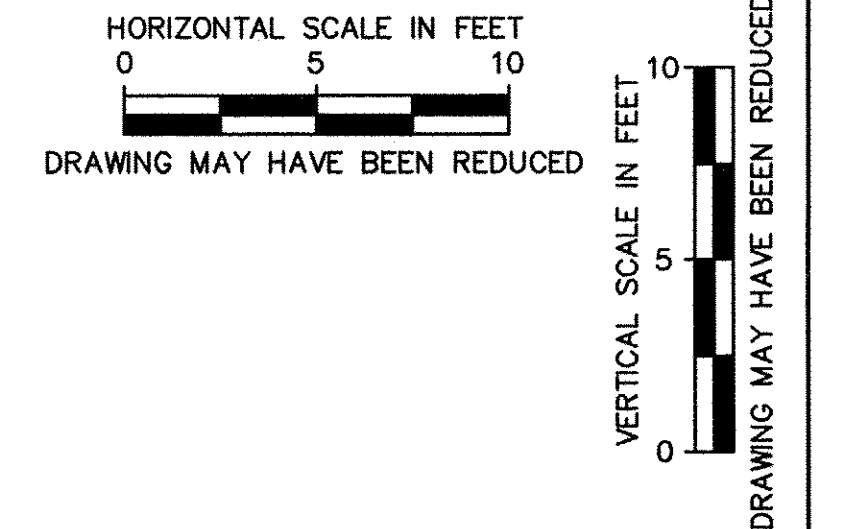
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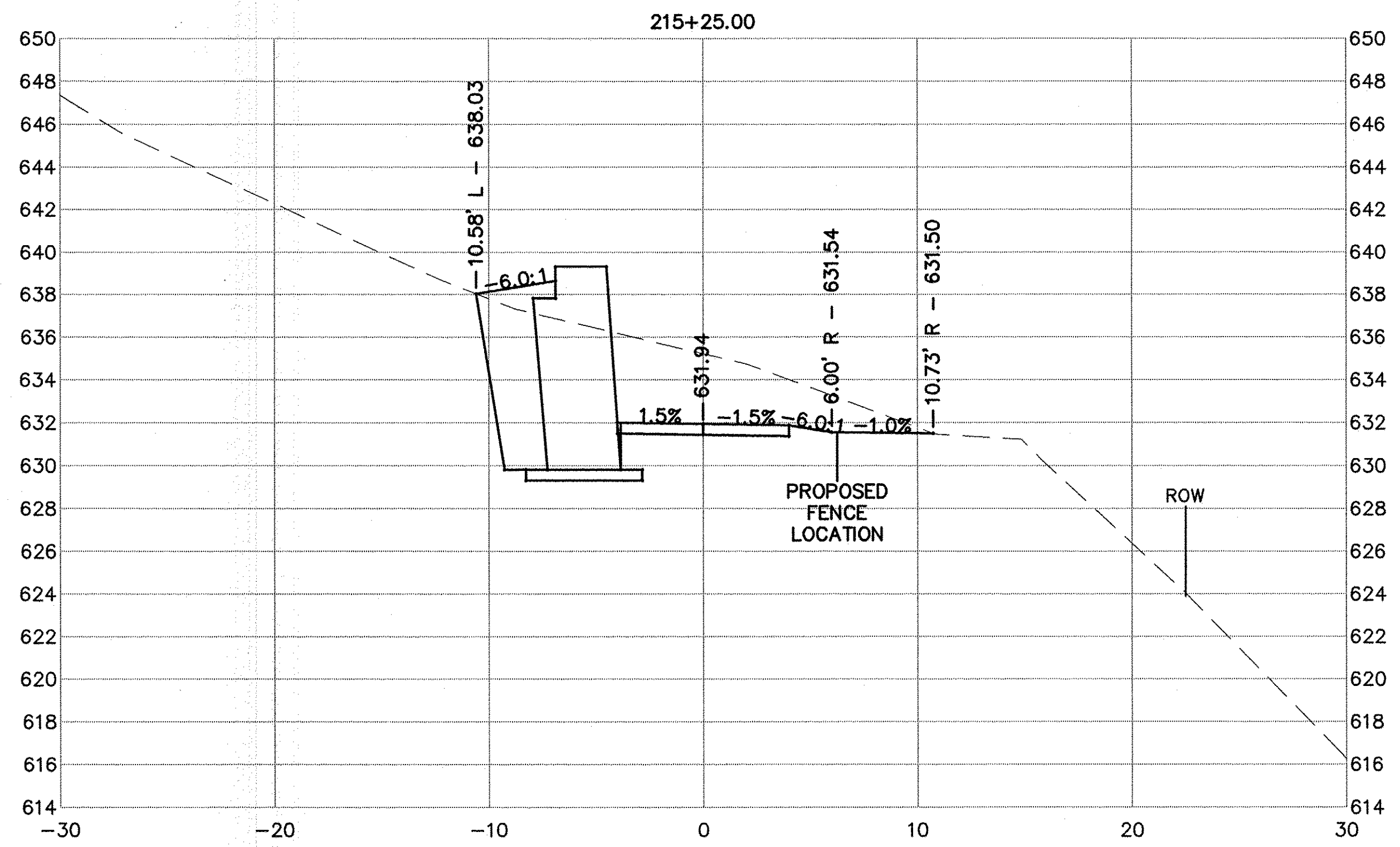
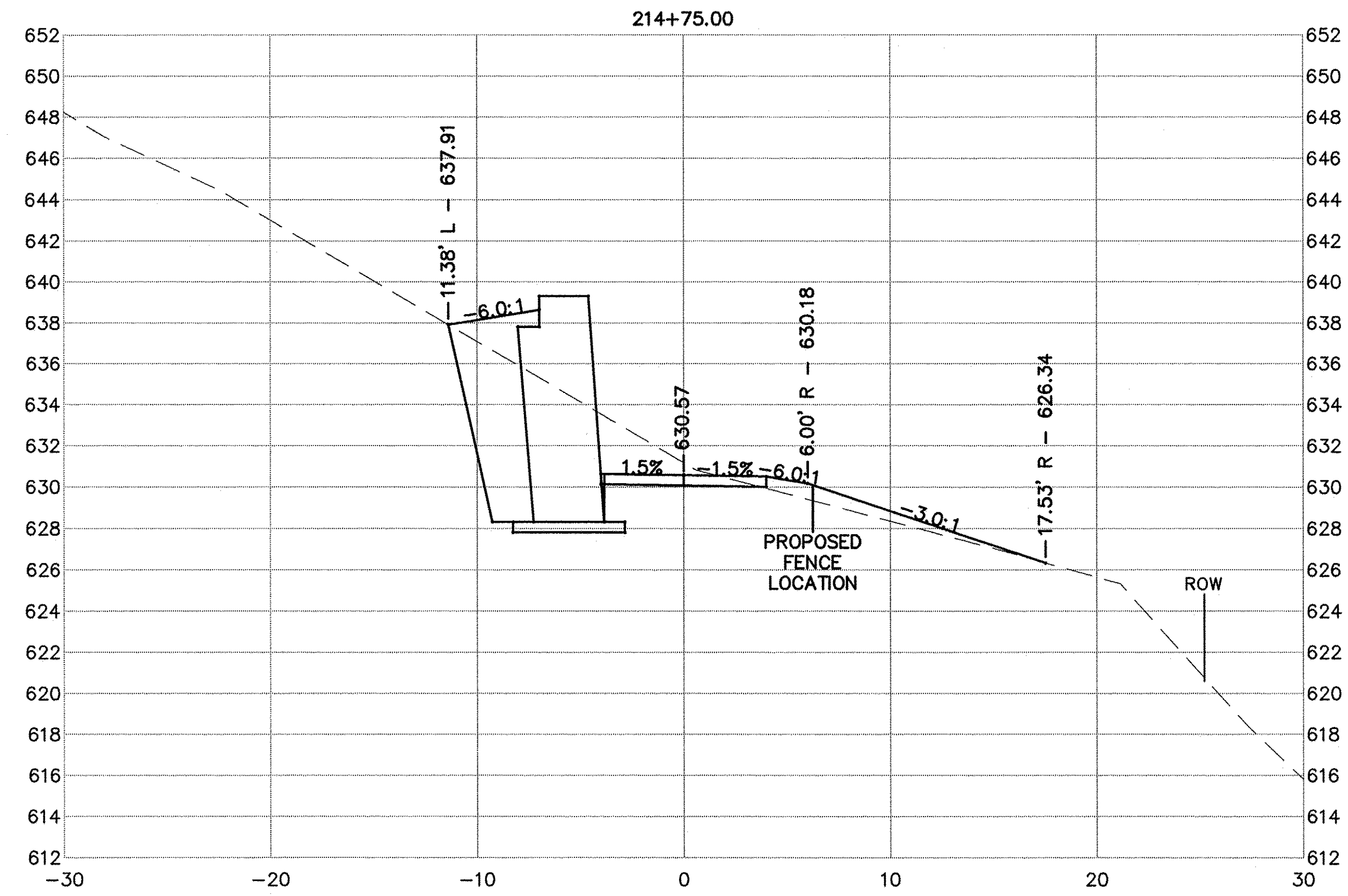
GALENA RIVER TRAIL PHASE 3
CROSS SECTIONS
SCALE: --- SHEET 63 OF 69 SHEETS STA. 213+50 TO STA. 214+25

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SHEET NAME C10.16

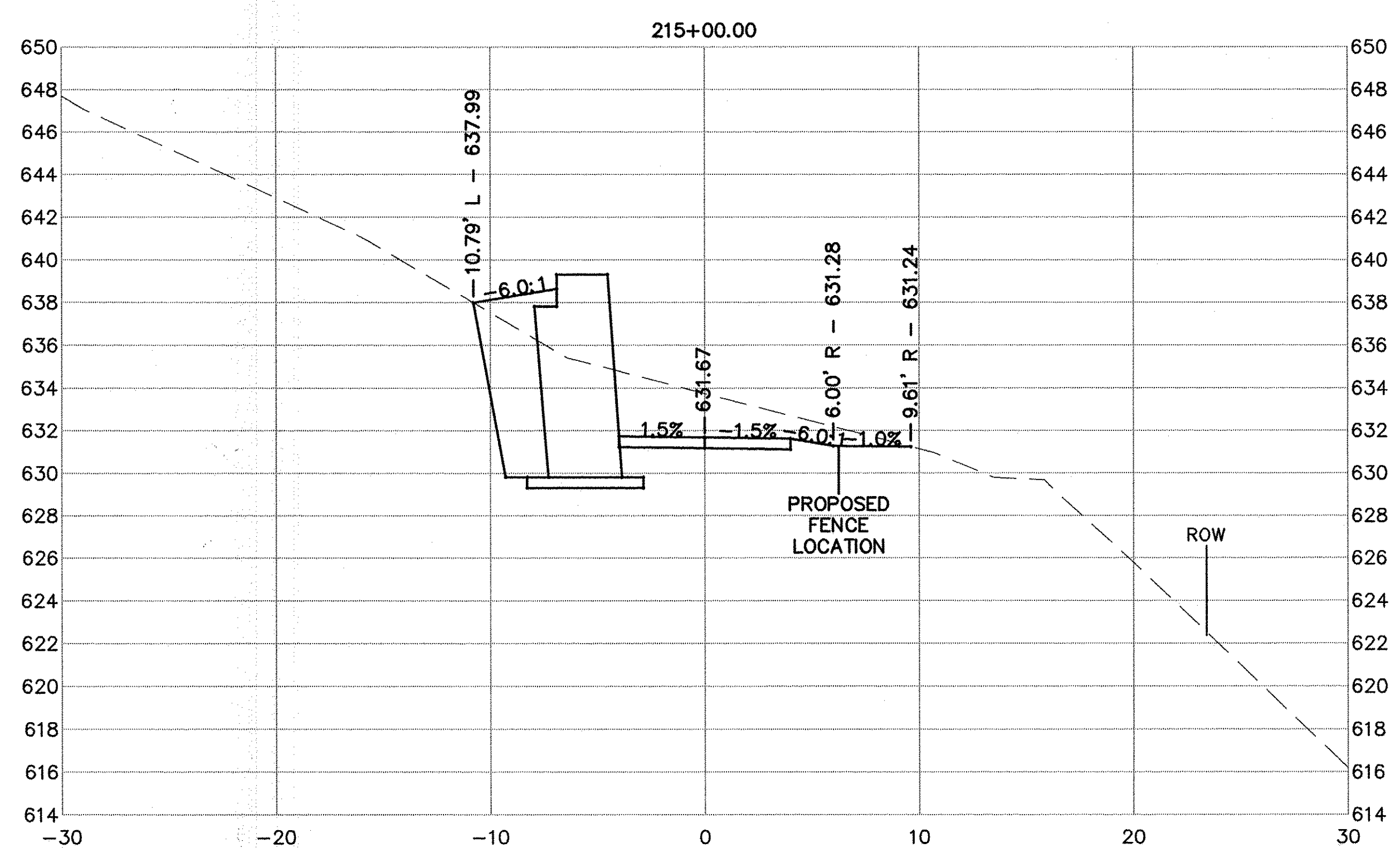
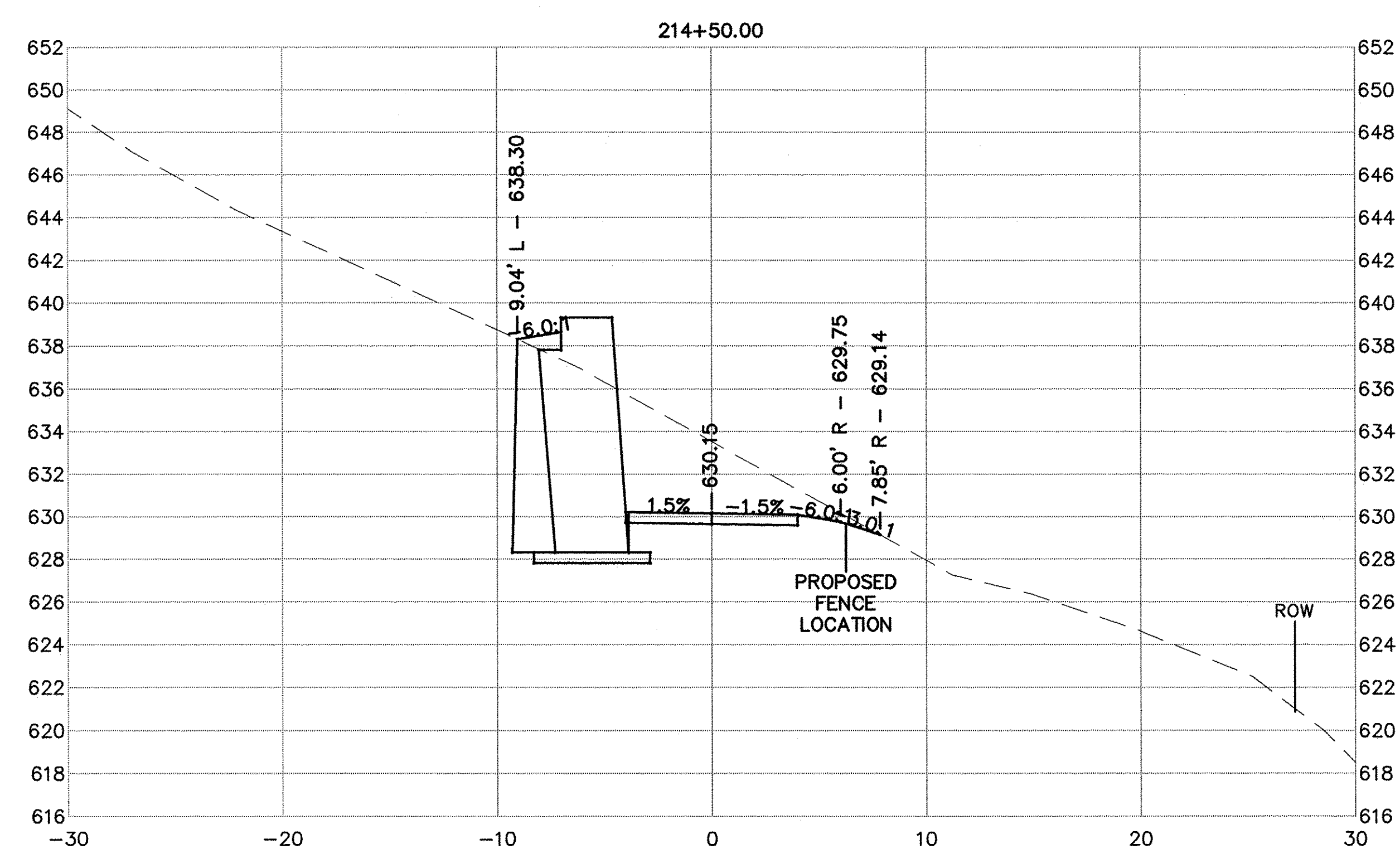
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route	10-00046-00-BT	JO DAVIESS	69	64
ILLINOIS FED. AID PROJECT			CONTRACT NO. -----	



PLAN	SURVEYED	DATE
NO.	PLOTTED	
	ALIGNMENT CHECKED	
	CONTRACT FILE NAME	



PROFILE	SURVEYED	DATE
NO.	GRADES CHECKED	
	STRUCTURE NOTATION OK'D	



USER NAME = NHOFRICHTER	DESIGNED ---	REVISED ---
	DRAWN --- NOAH HOFRICHTER	REVISED ---
PLOT SCALE = ---	CHECKED ---	REVISED ---
PLOT DATE = 8/29/2016 8:09 AM	DATE ---	REVISED ---

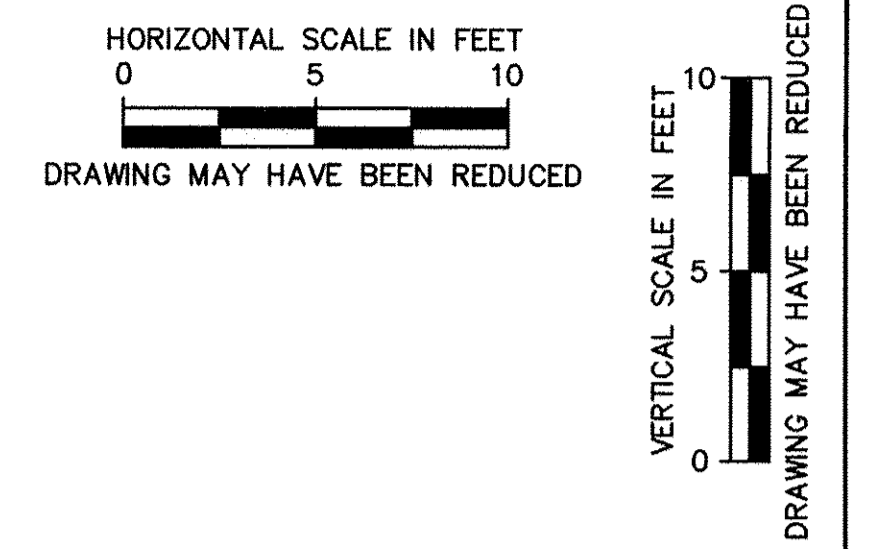
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GALENA RIVER TRAIL PHASE 3 CROSS SECTIONS		
SCALE: ---	SHEET 64 OF 69 SHEETS	STA. 214+50 TO STA. 215+25

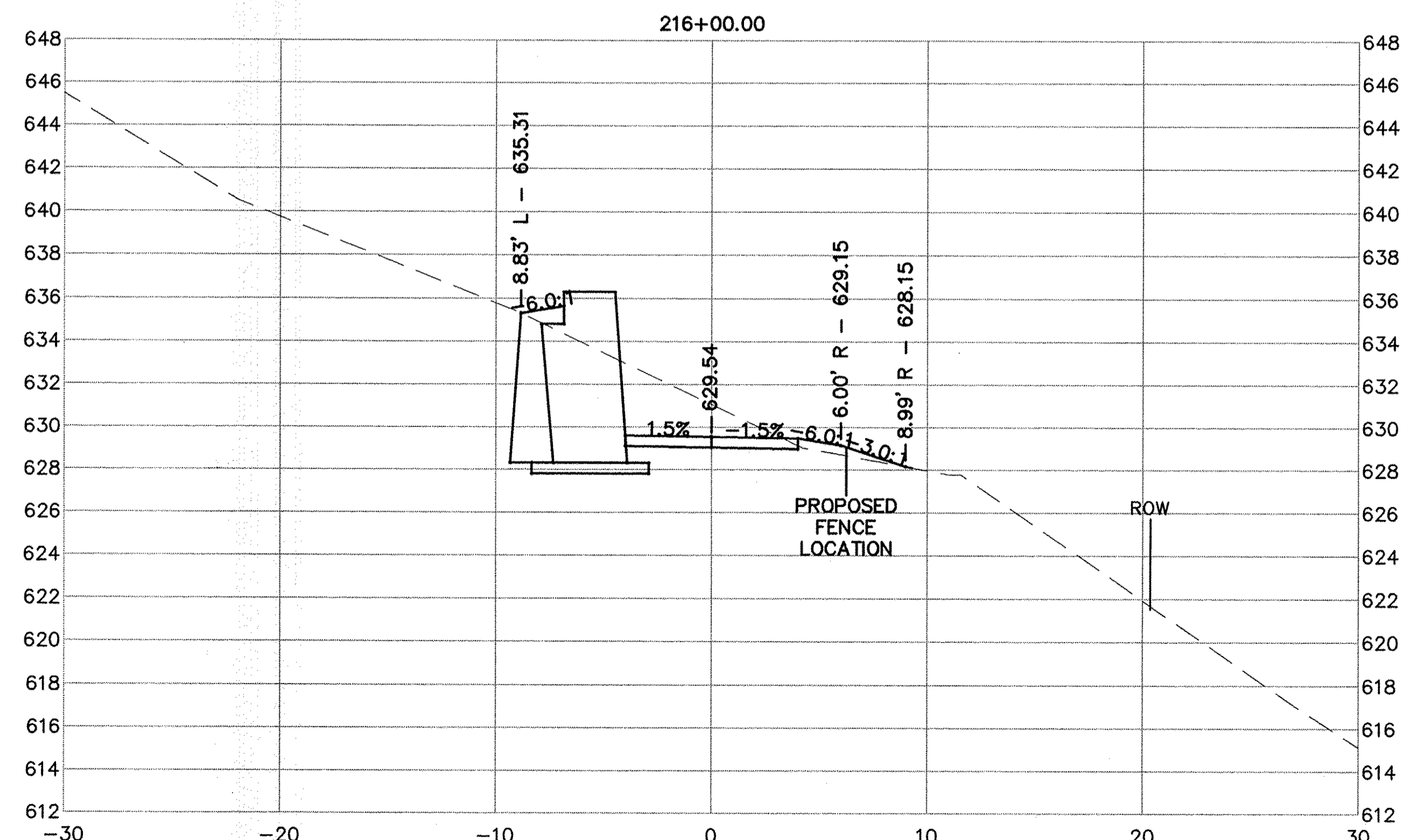
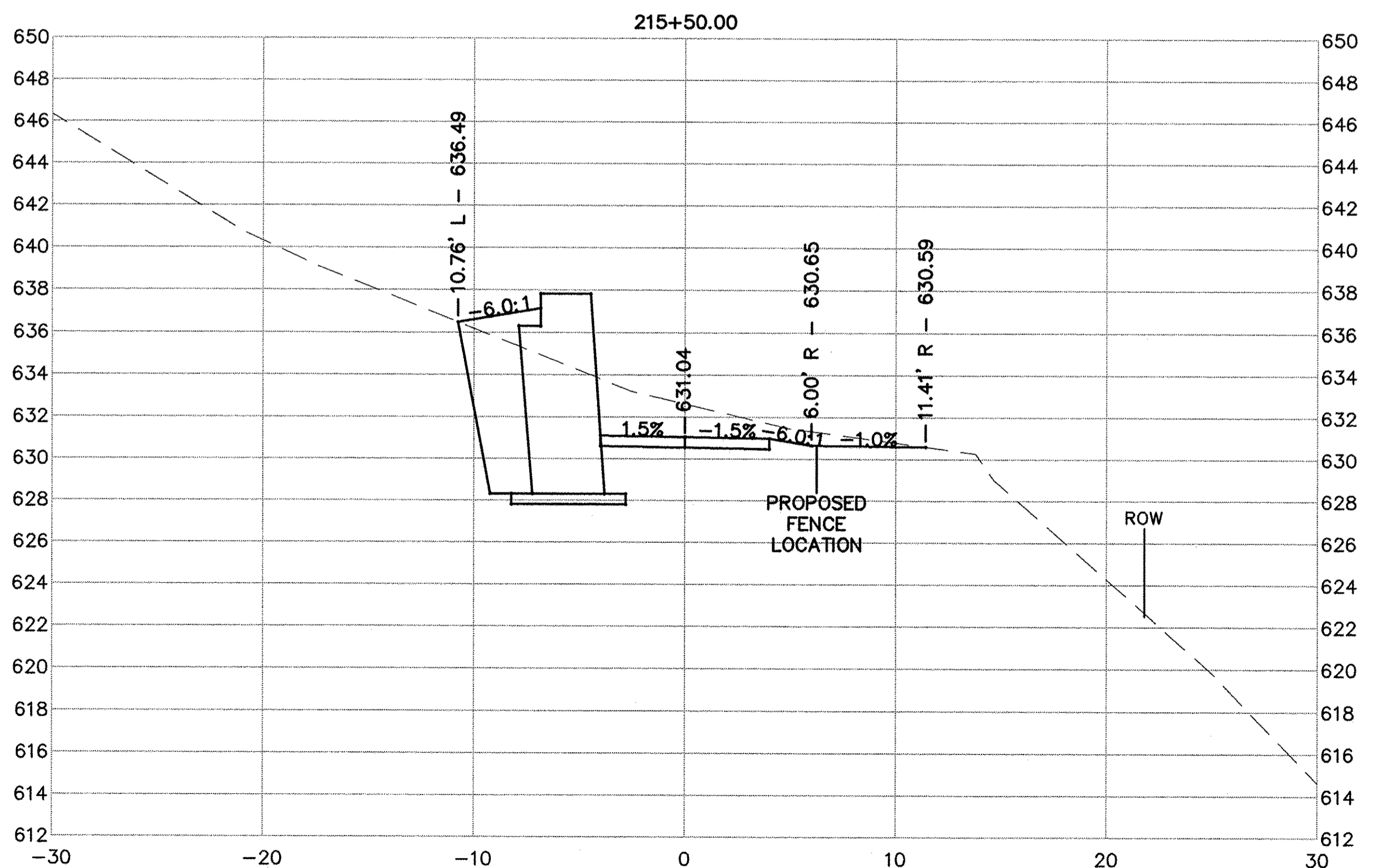
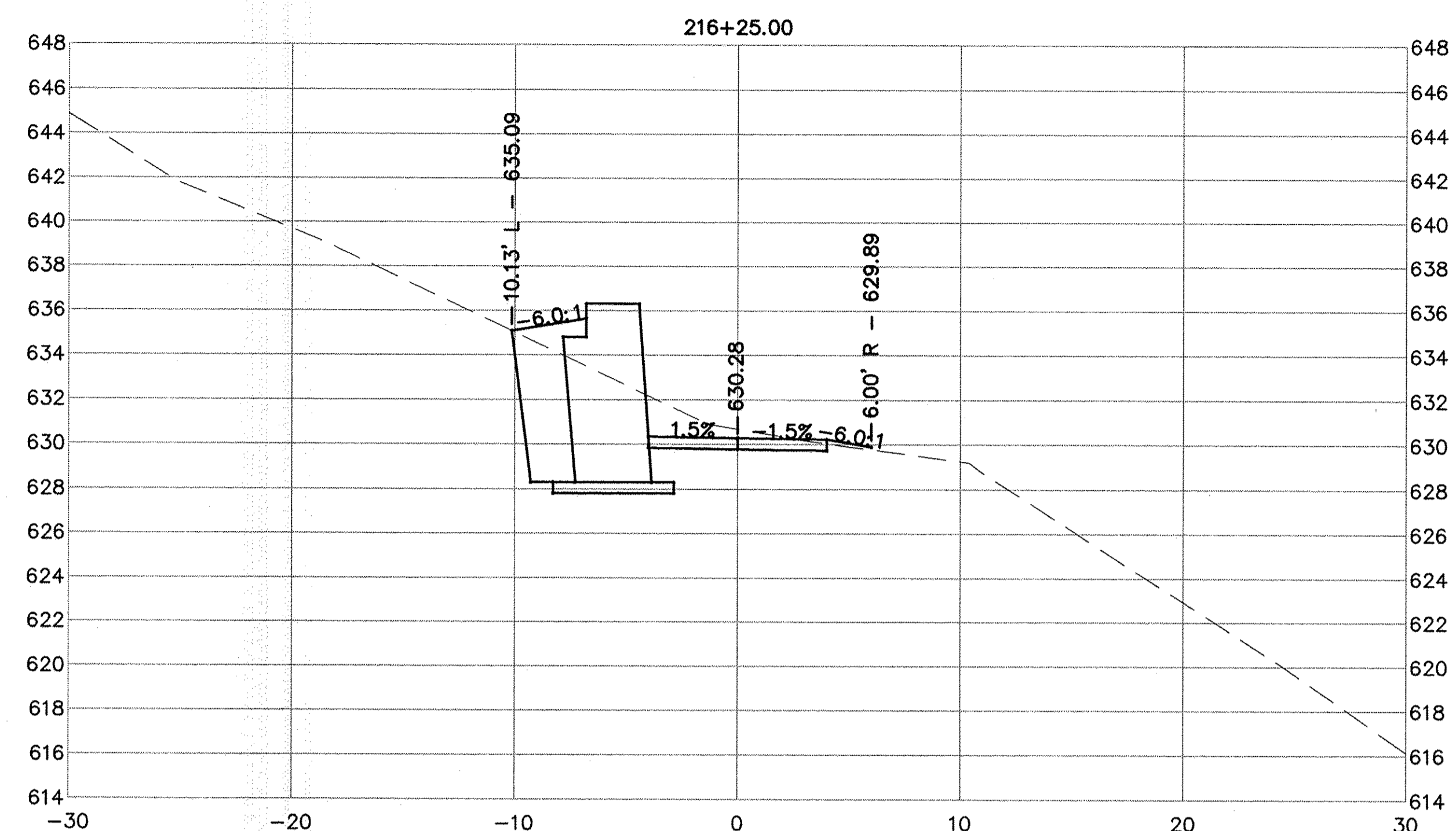
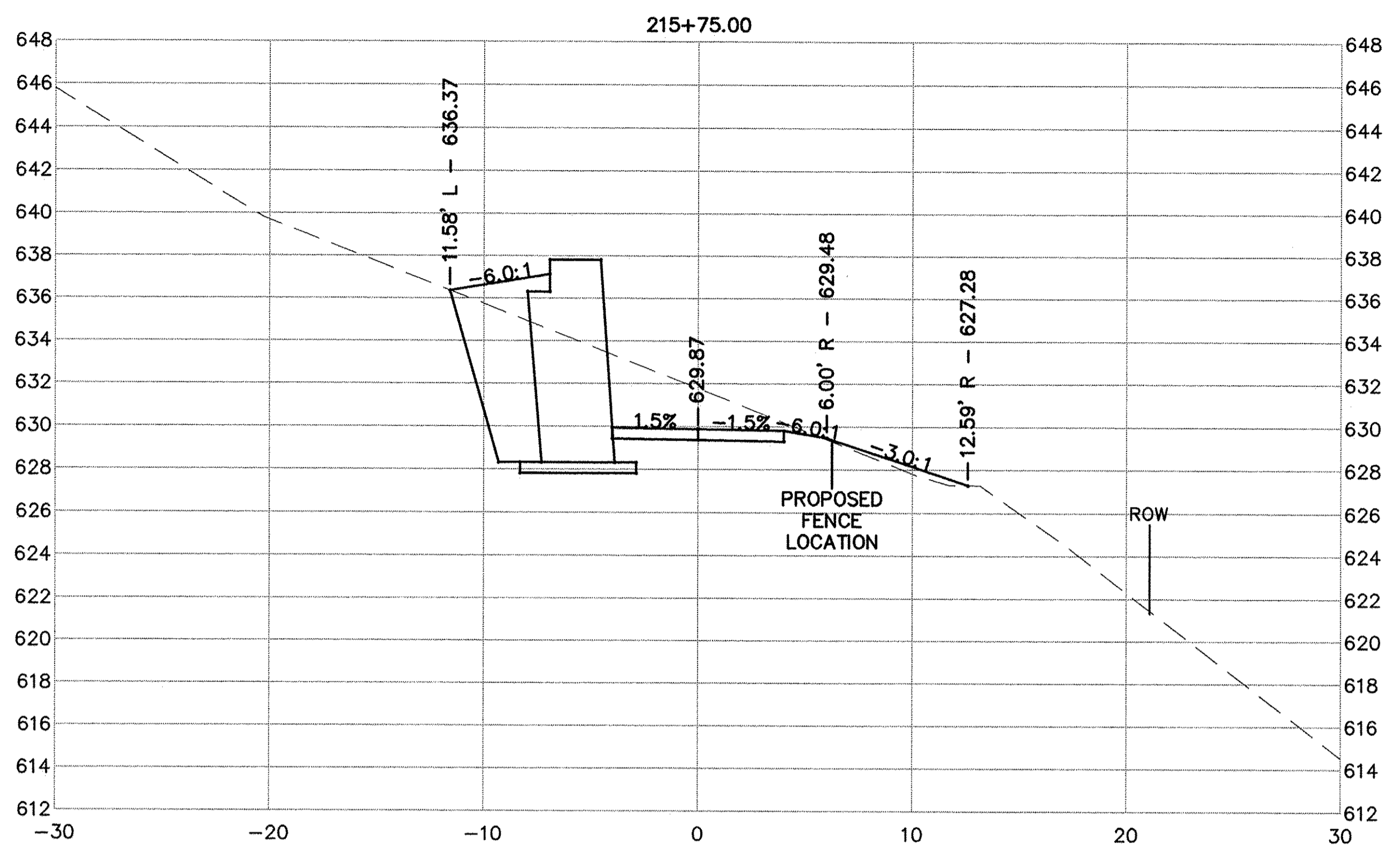
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SHEET NAME C10.17

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route	10-00046-00-BT	JO DAVIESS	69	65
ILLINOIS FED. AID PROJECT			CONTRACT NO. -----	



DATE	BY
DATE	BY

DATE	BY
DATE	BY



USER NAME = NHOFRICHTER	DESIGNED ---	REVISED ---
PLOT SCALE = ---	DRAWN --- NOAH HOFRICHTER	REVISED ---
PLOT DATE = 8/29/2016 8:09 AM	CHECKED ---	REVISED ---
	DATE ---	REVISED ---

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GALENA RIVER TRAIL PHASE 3 CROSS SECTIONS	
SCALE: ---	SHEET 65 OF 69 SHEETS STA. 215+50 TO STA. 216+25

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SHEET NAME C10.18

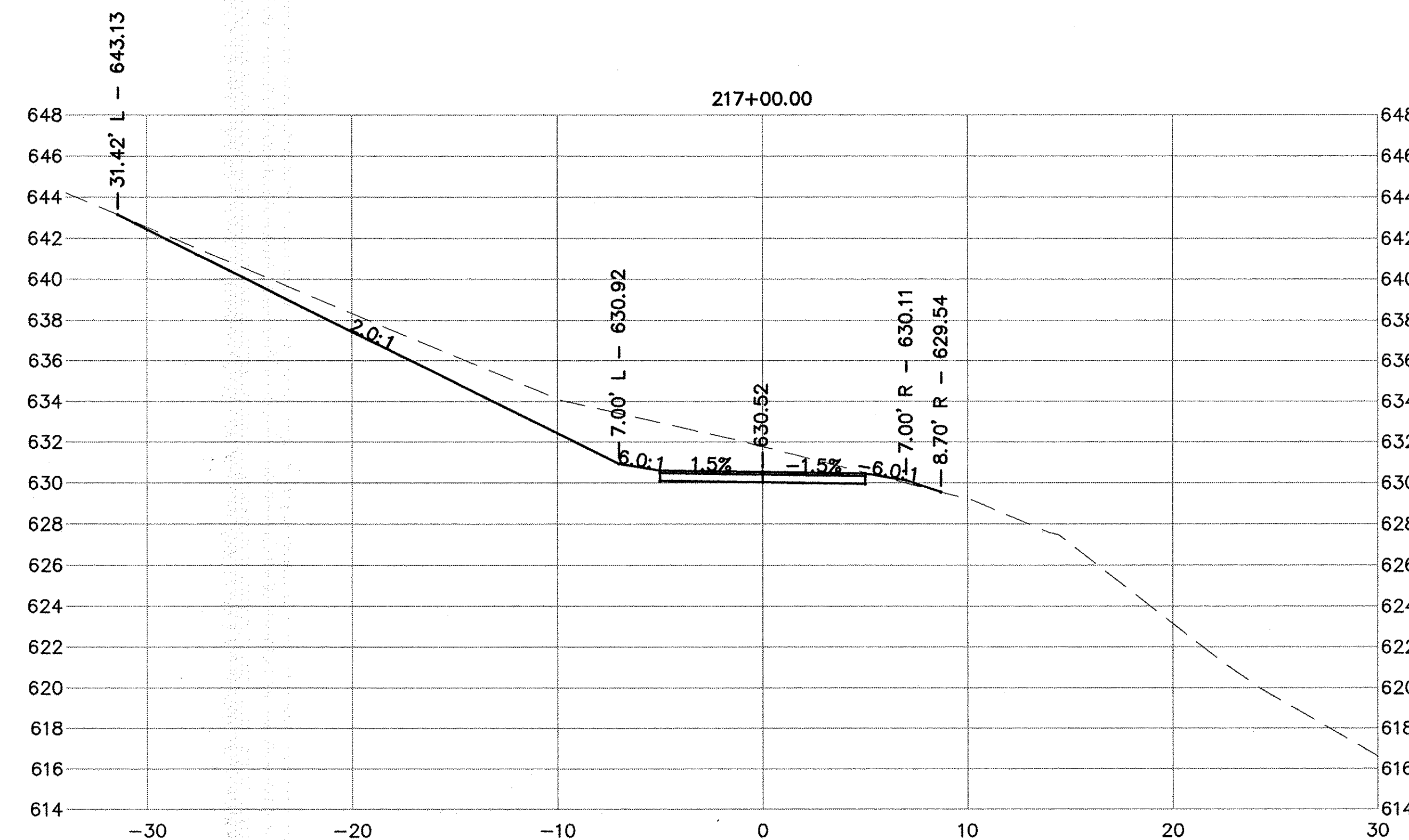
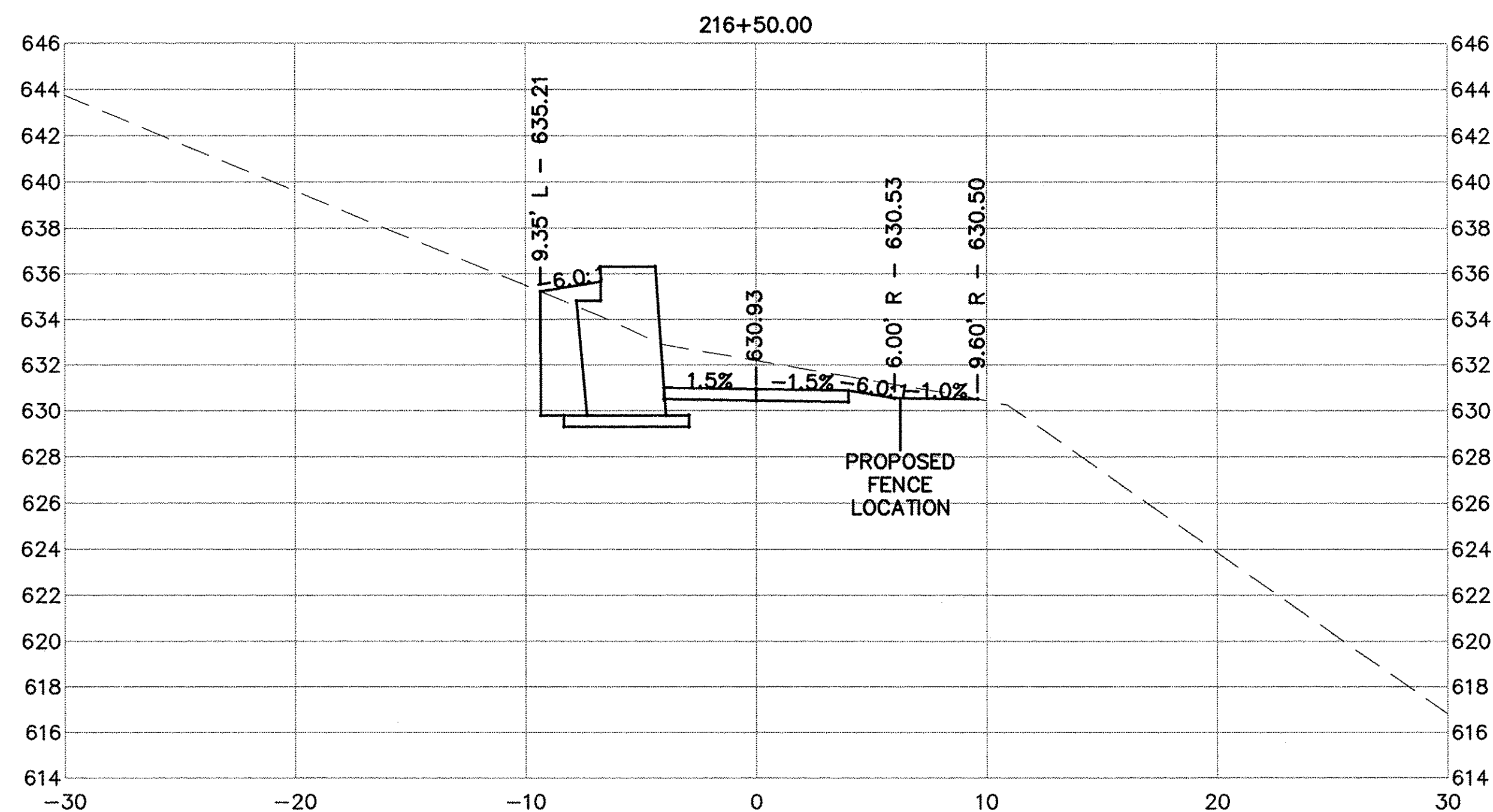
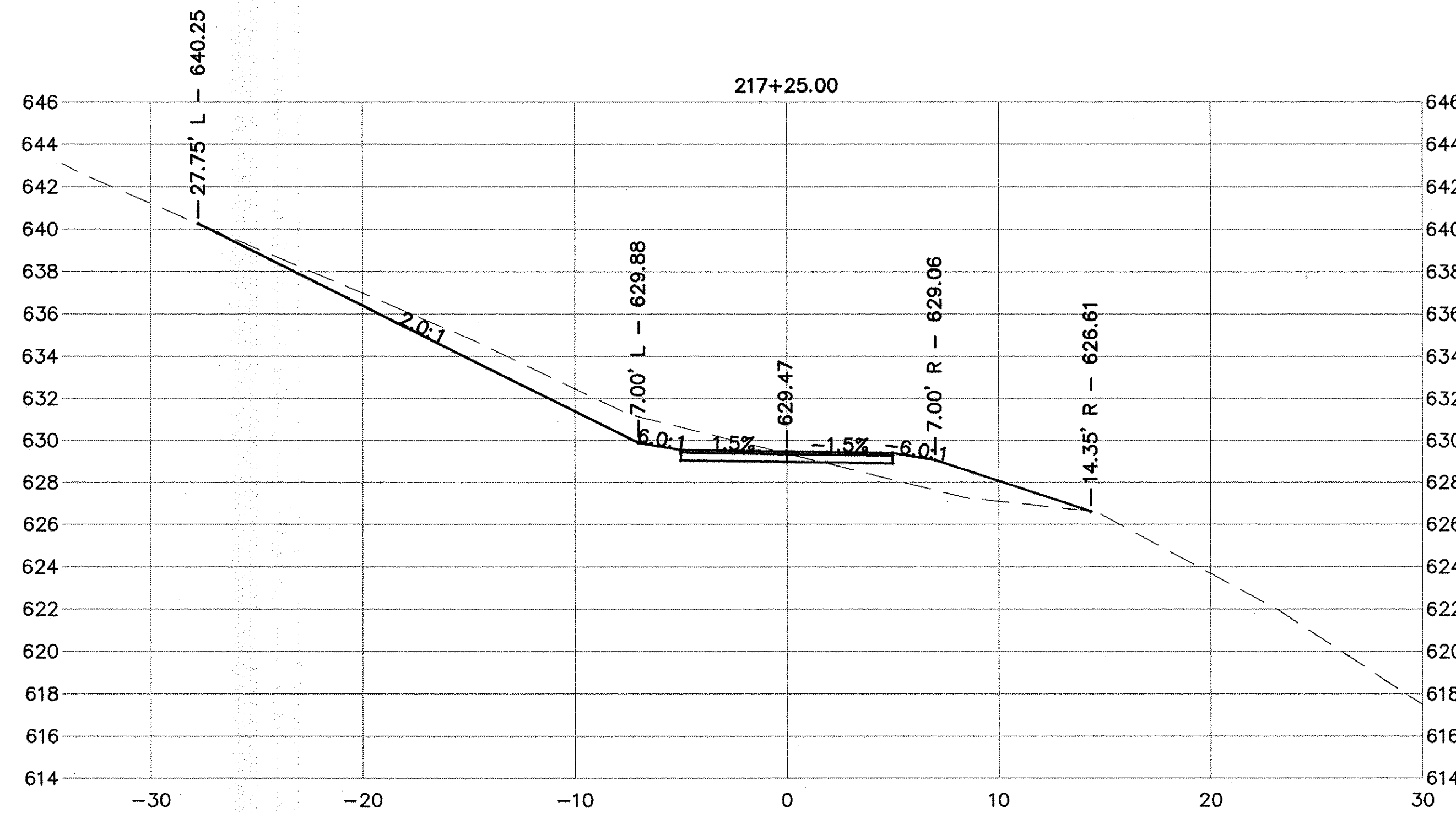
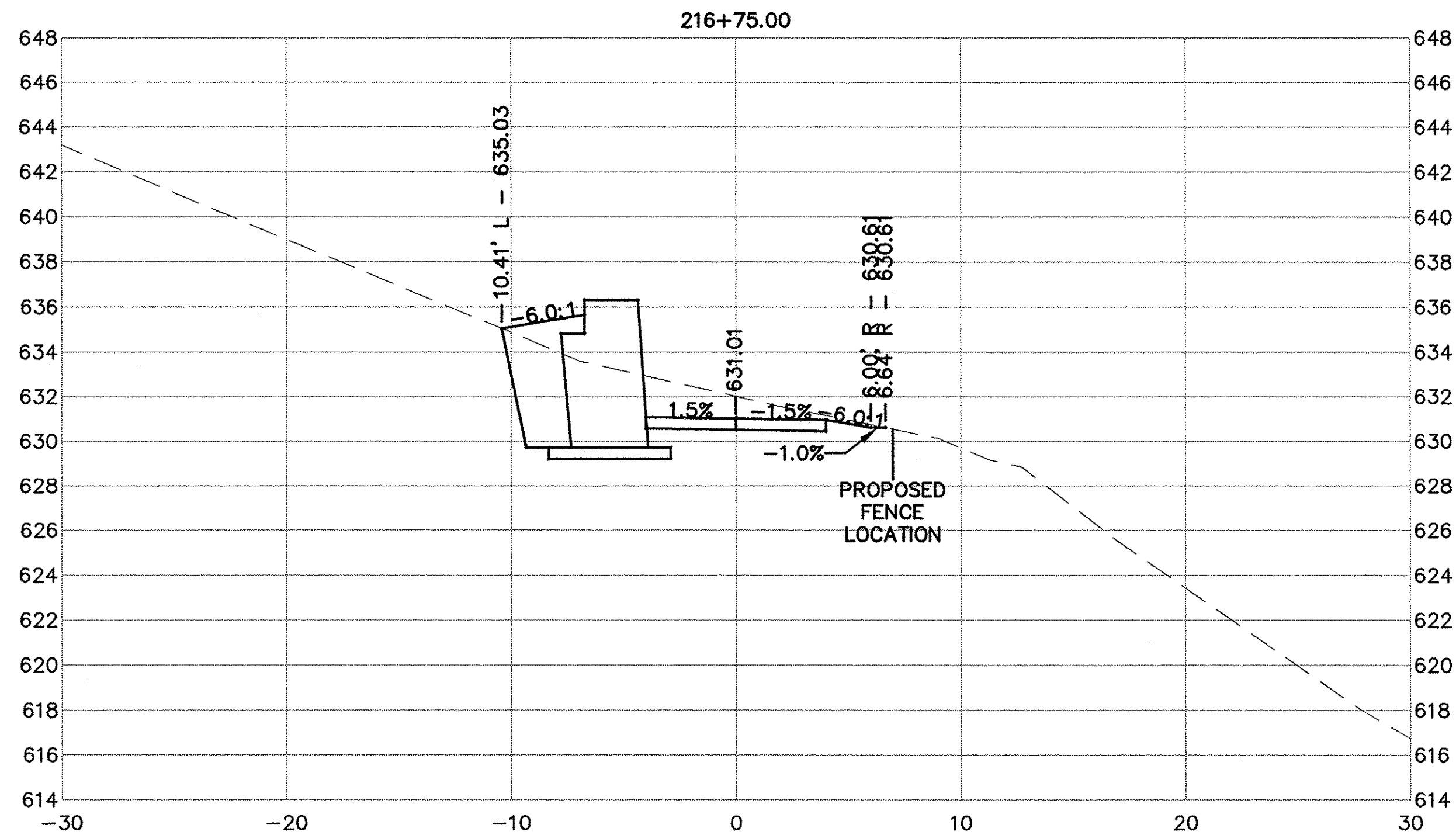
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route 10-00046-00-BT	10-00046-00-BT	JO DAVIESS	69	66
ILLINOIS FED. AID PROJECT			CONTRACT NO. -----	

HORIZONTAL SCALE IN FEET
0 5 10
DRAWING MAY HAVE BEEN REDUCED

VERTICAL SCALE IN FEET
0 5 10
DRAWING MAY HAVE BEEN REDUCED

PLAN	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK NO.		
CADD FILE NAME		

PROFILE	BY	DATE
SURVEYED		
GRADES CHECKED		
STRUCTURE NOTATION CHKO		
NOTE BOOK NO.		



USER NAME = NHOFRICHTER	DESIGNED ---	REVISED ---
	DRAWN --- NOAH HOFRICHTER	REVISED ---
PLOT SCALE = ---	CHECKED ---	REVISED ---
PLOT DATE = 8/29/2016 8:09 AM	DATE ---	REVISED ---

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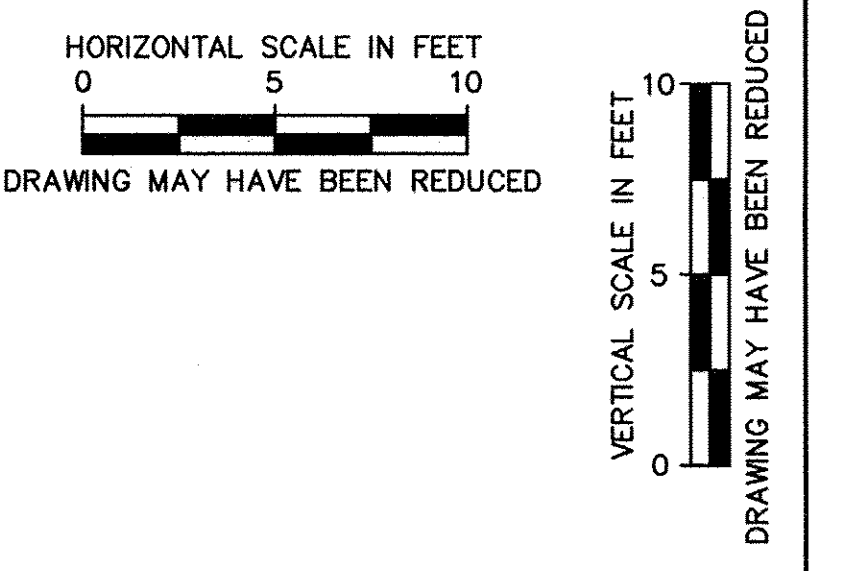
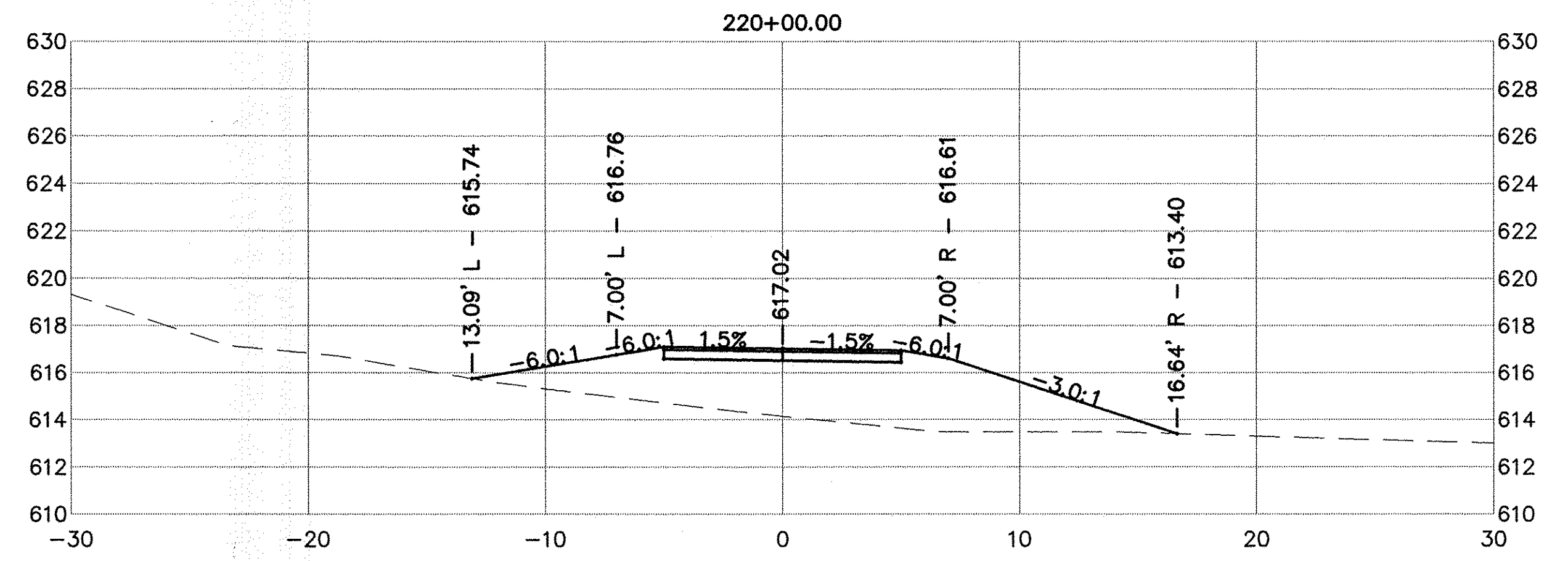
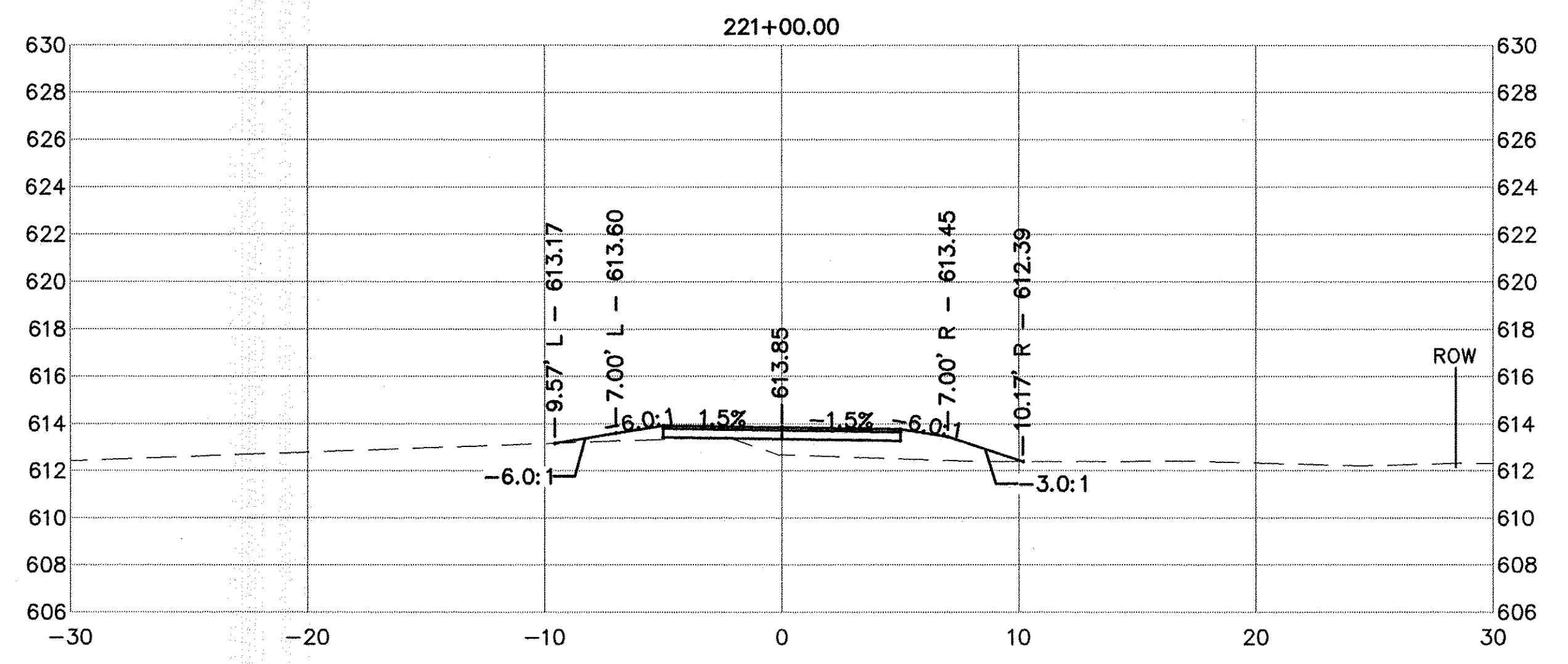
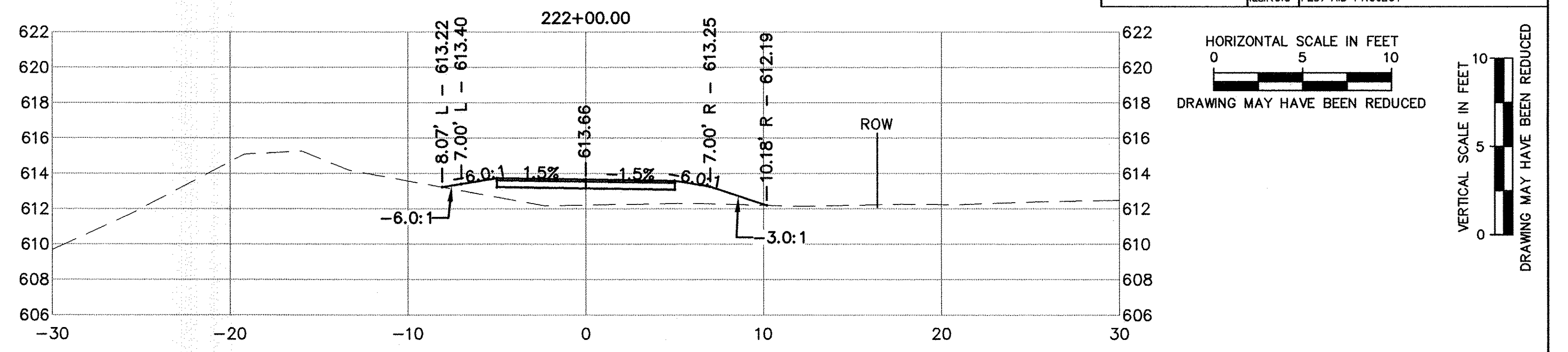
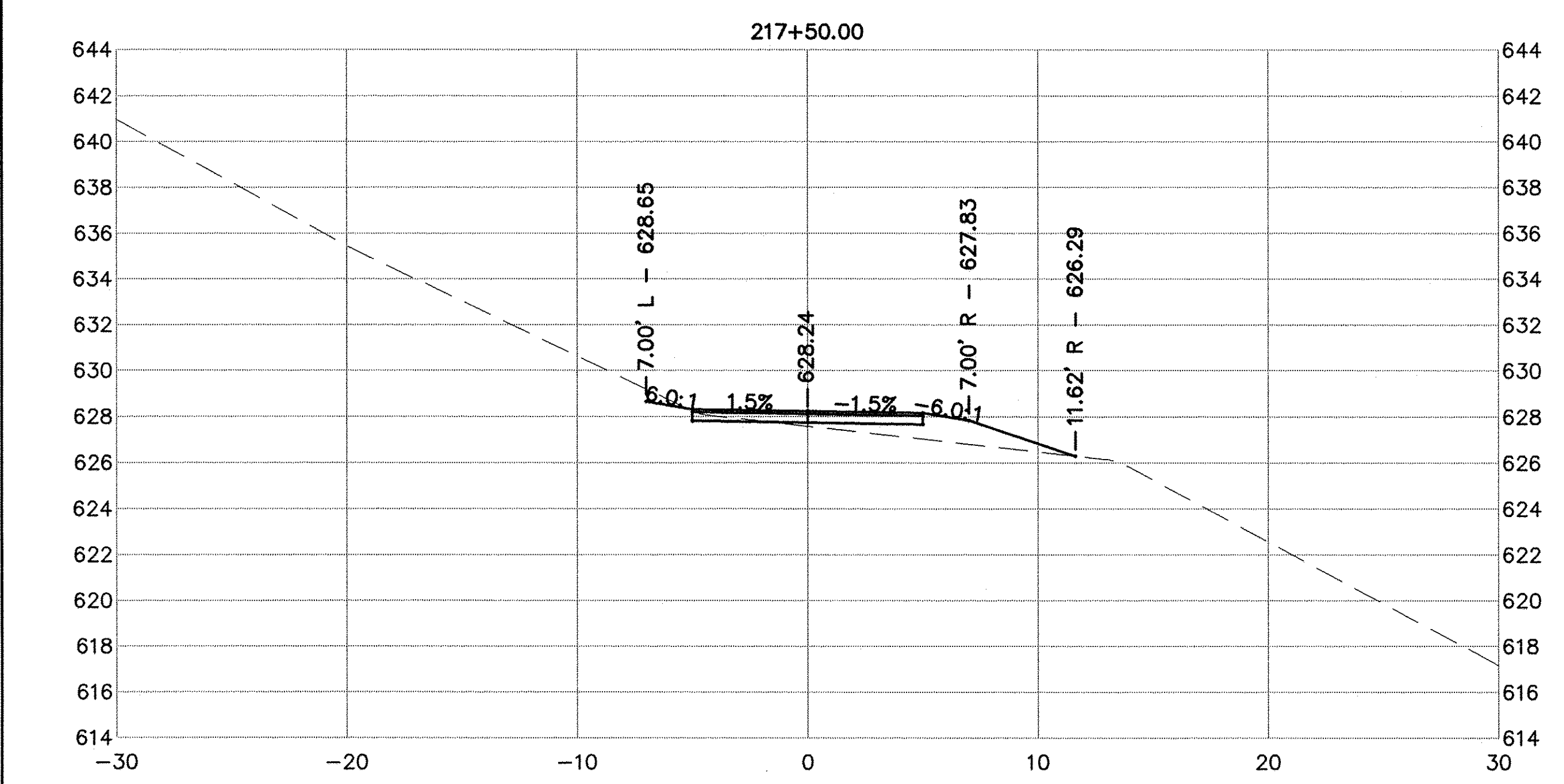
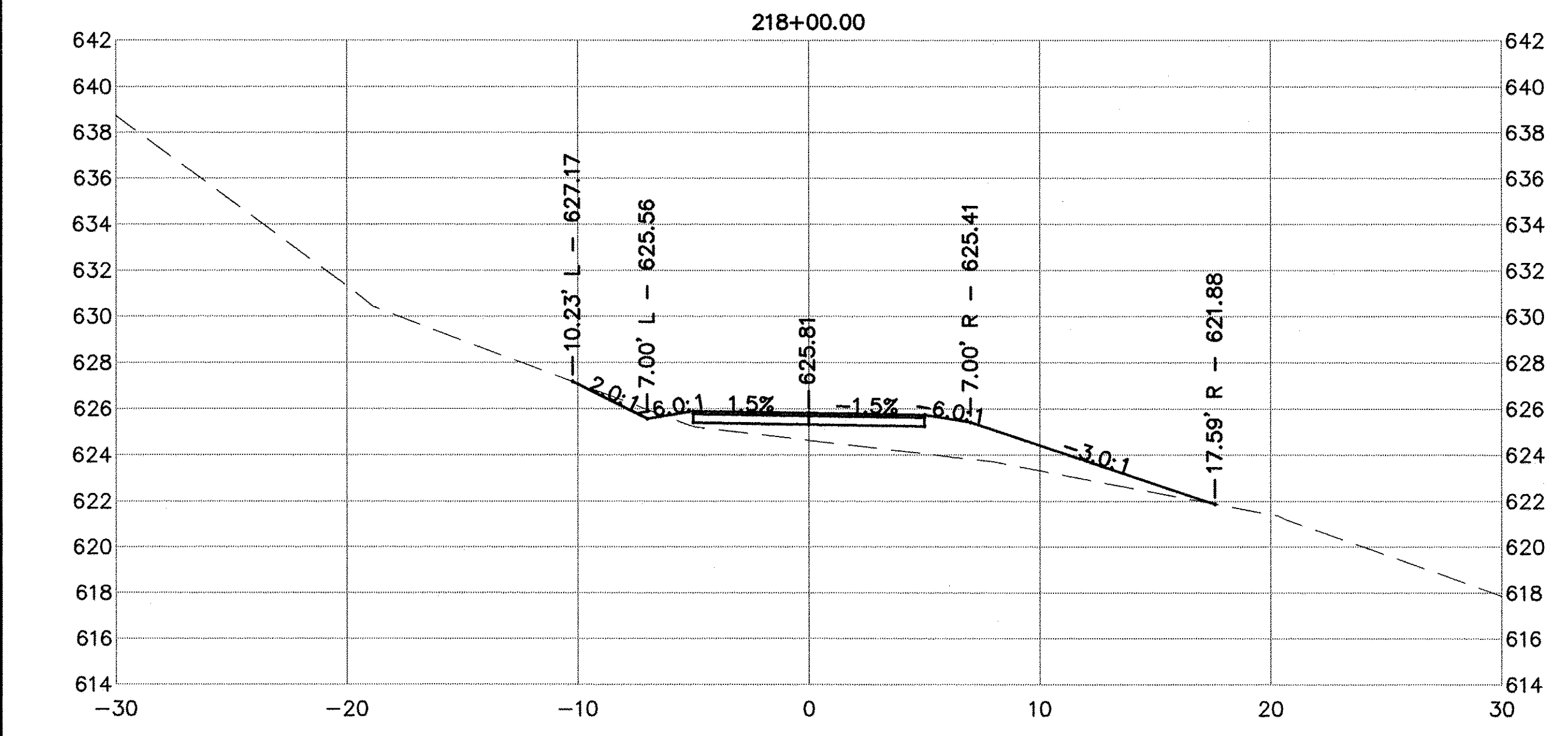
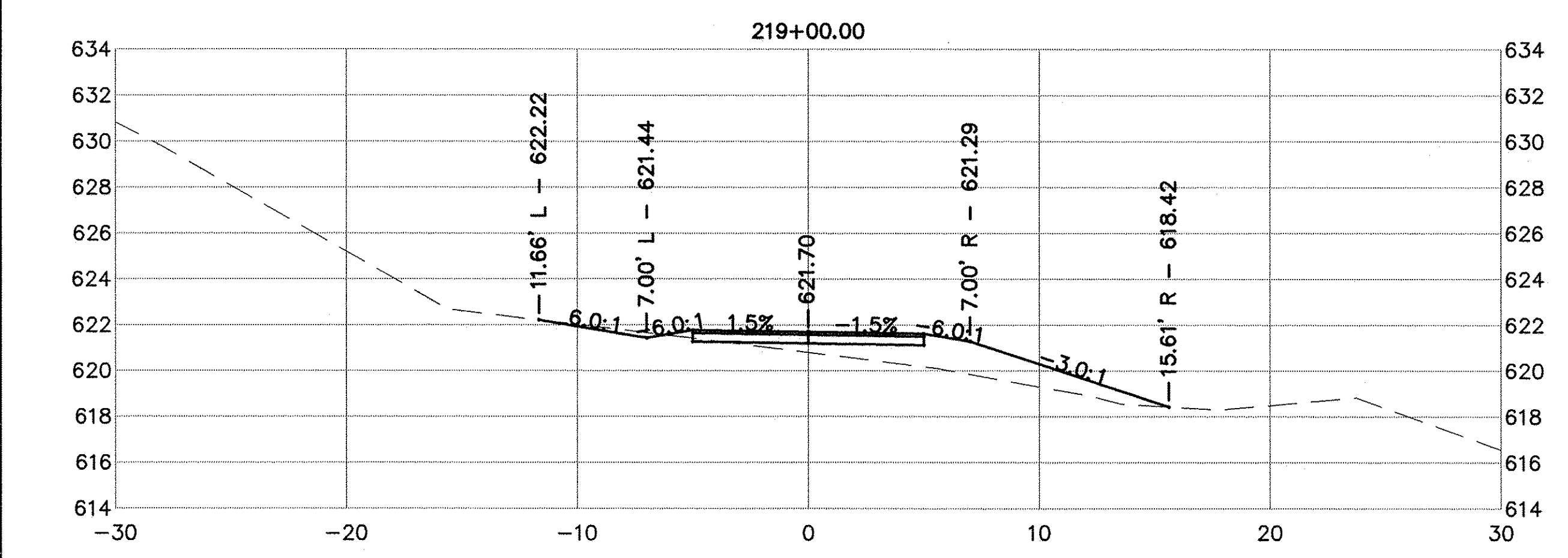
GALENA RIVER TRAIL PHASE 3 CROSS SECTIONS		
SCALE: ---	SHEET 66 OF 69 SHEETS	STA. 216+50 TO STA. 217+25

FILE NAME = P:\12\028\028-01\Drawings\Civil\12028_xsec2_updated
SHEET NAME C10.19

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route 10-00046-00-BT		JO DAVNESS	69	67
				CONTRACT NO. -----
ILLINOIS FED. AID PROJECT				

DATE	BY
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DATE	BY
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DATE	BY
DATE	BY



USER NAME = NHOFRICHTER	DESIGNED -- --	REVISED -- --
	DRAWN -- NOAH HOFRICHTER	REVISED -- --
PLOT SCALE = ---	CHECKED -- --	REVISED -- --
PLOT DATE = 8/29/2016 8:09 AM	DATE -- --	REVISED -- --

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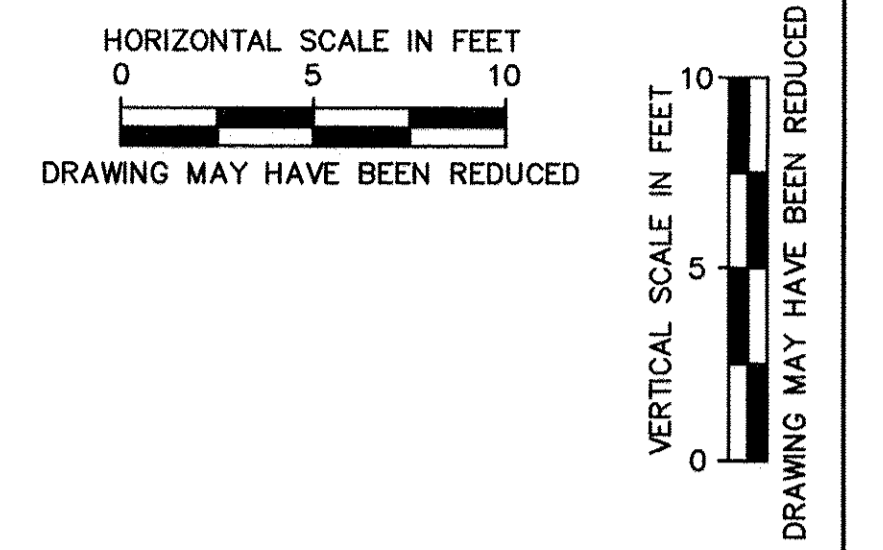
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GALENA RIVER TRAIL PHASE 3
CROSS SECTIONS

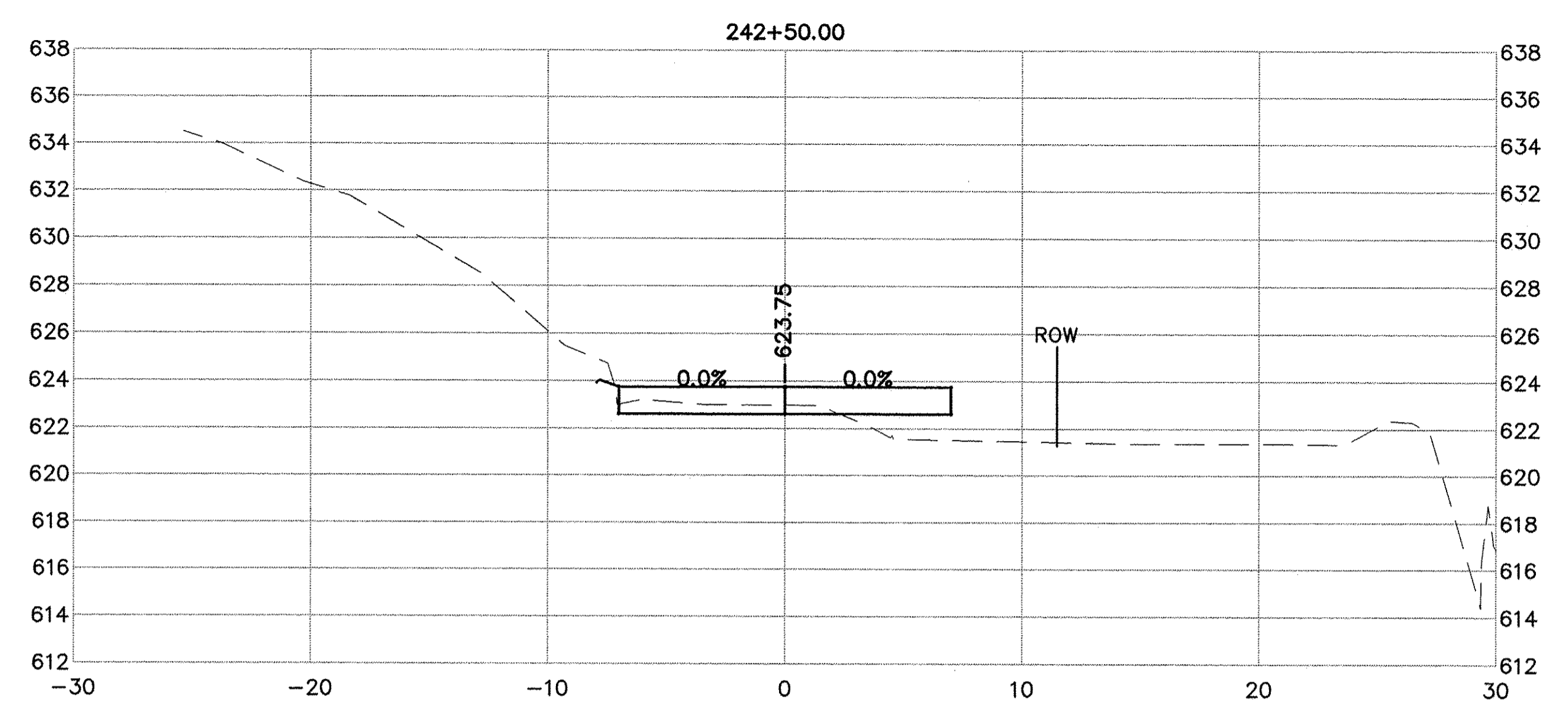
SCALE: -- SHEET 67 OF 69 SHEETS STA. 217+50 TO STA. 222+00

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SHEET NAME C10.20

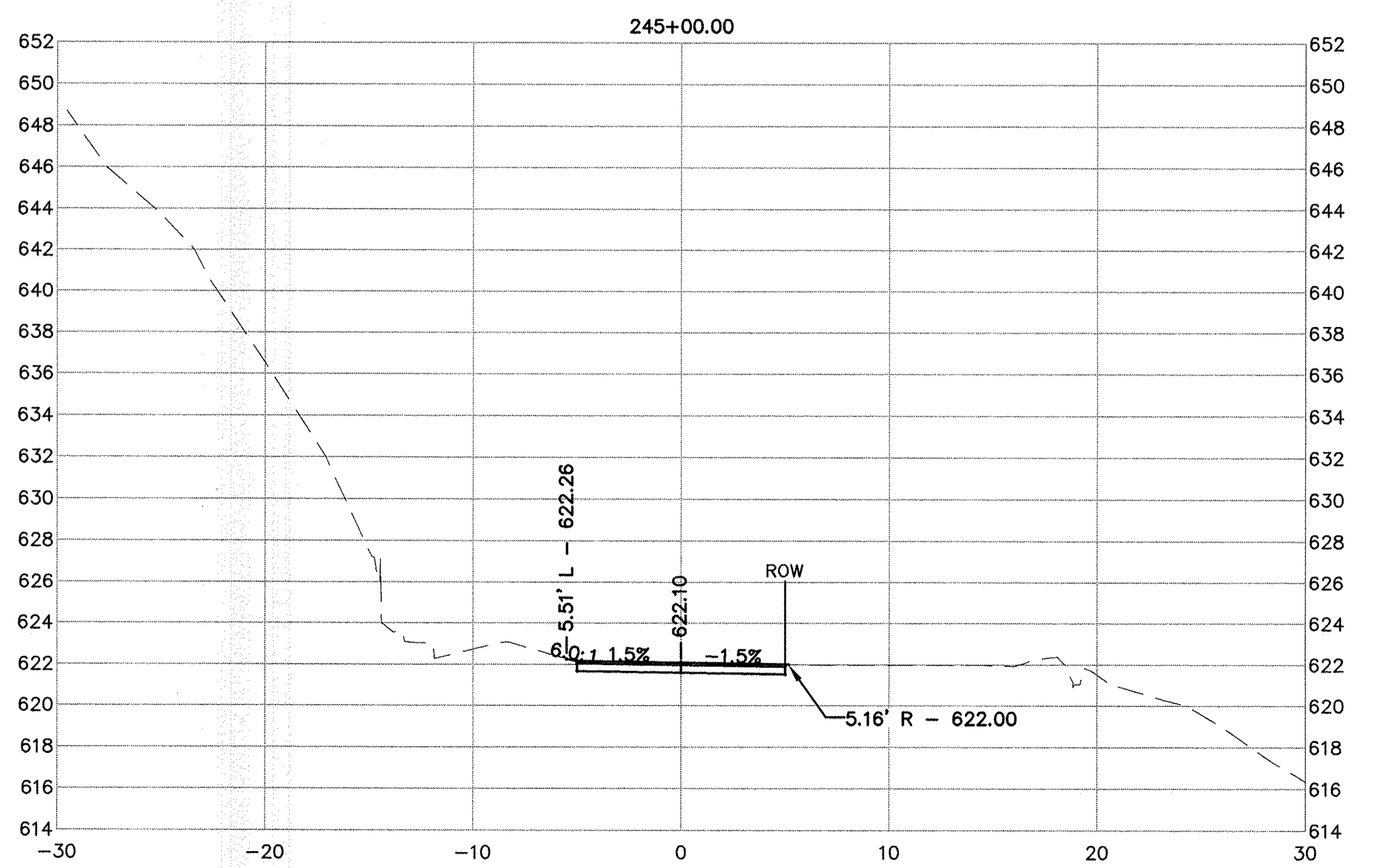
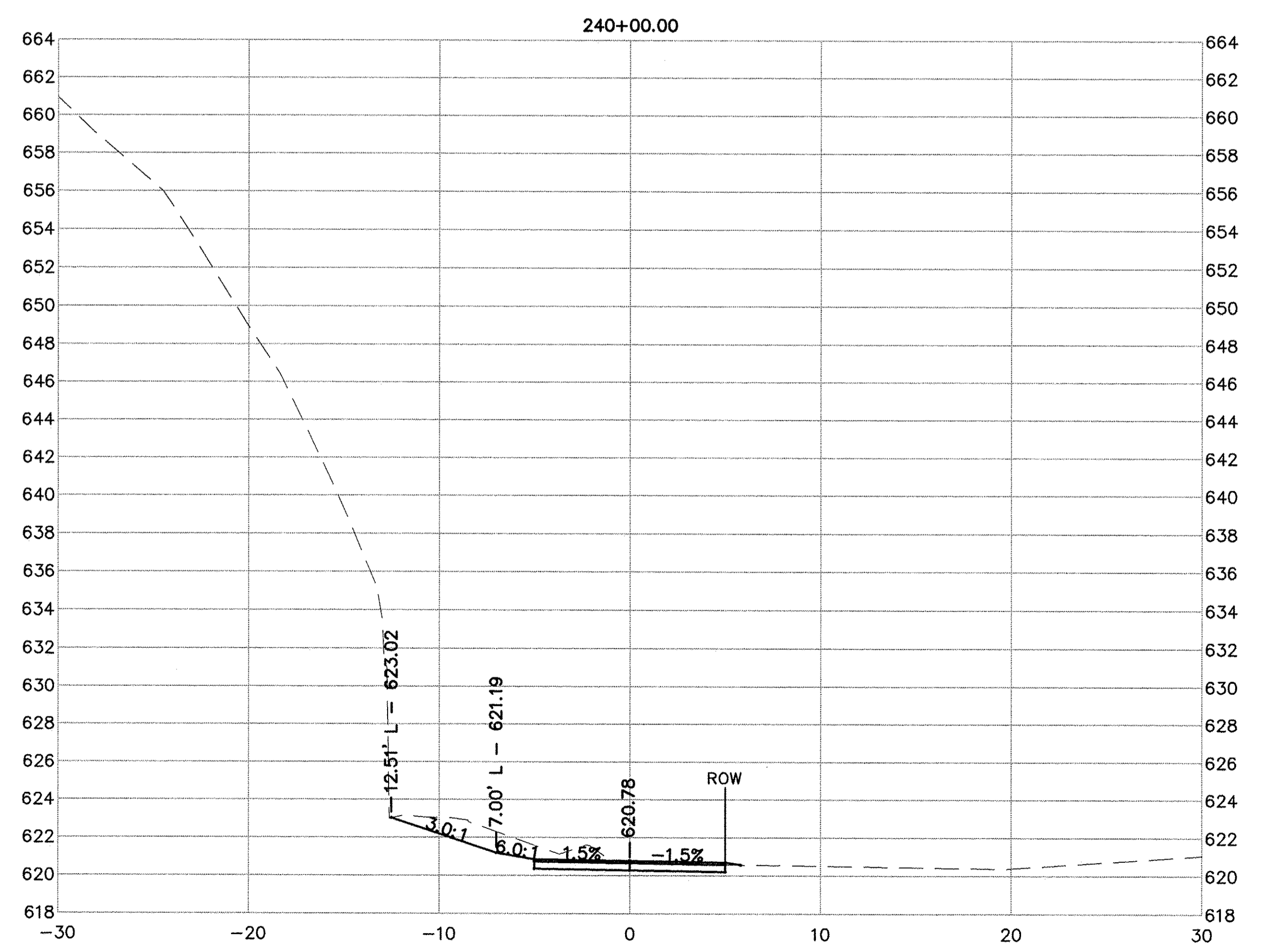
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Route	10-00046-00-BT	JO DAVIESS	69	69
CONTRACT NO. -----				
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
NOTE BOOK NO.	ALIGNED	
	CHECKED	
	FILE NAME	



PROFILE	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	



USER NAME = NHOFRICHTER	DESIGNED -- --	REVISED -- --
	DRAWN -- NOAH HOFRICHTER	REVISED -- --
PLOT SCALE = --	CHECKED -- --	REVISED -- --
PLOT DATE = 8/29/2016 8:09 AM	DATE -- --	REVISED -- --

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GALENA RIVER TRAIL PHASE 3 CROSS SECTIONS	
SCALE: --	SHEET 69 OF 69 SHEETS STA. 240+00 TO STA. 245+00

FILE NAME = P:\12\028\028-01\Drawings\Civil\12028_xsec2_updated
SHEET NAME C10.22