

**Town of Thompson's Station
Board of Mayor and Aldermen
Meeting Agenda
October 8, 2019 6:15 p.m.**

Meeting Called To Order

1. Critz Lane Project – Property Acquisition (See Boma Agenda, New Business, Item 2)

Documents:

ITEM 2 - CRITZ LANE BOMA.PDF
ITEM 2 - 2019.01.15 CRITZ LANE IMPROVEMENTS.PDF
ITEM 2 - 2019.08.06 CRITZ LN (RAGAN-SMITH) AGTEK EXHIBIT.PDF
ITEM 2 - 3647300_PLANSET_20190809 - BARGE.PDF
ITEM 2 - CRITZ LANE REVISED SHEETS 2019.02.21.PDF
ITEM 2 - CRITZLNACQUISITION_PROPERTYSUMMARIES.PDF

2. Tollgate – Deferred Items Plus Fees In Lieu Of Contract (See Boma Agenda, Unfinished Business, Item 1)

Documents:

ITEM 1 - STAFF REPORT FOR DECLARATION FINAL PLAT.PDF
ITEM 1 - BARGE BRANFORD PLACE MEMO.PDF
ITEM 1 - RESOLUTION 2019-012 DECLARATION DEDICATION.PDF
ITEM 1 - TV FINAL PLAT FOR DECLARATION WAY APPROVED BY PC (2).PDF

Adjourn

*This meeting will be held at 6:15 p.m. at Thompson's Station Community Center
1555 Thompson's Station Road West*

RESOLUTION NO. 2019 -021

**A RESOLUTION OF THE TOWN OF THOMPSON'S STATION, TENNESSEE
AMENDING RESOLUTION 2018-10 AUTHORIZING THE ACQUISITION OF PROPERTY FOR
THE WIDENING AND IMPROVEMENTS TO CRITZ LANE**

WHEREAS, the Town approved Resolution 2018-10 and an estimate of costs related to the acquisition of ROW was attached and made part of said Resolution; and

WHEREAS, the Town has received actual costs related to the acquisition of said ROW for the project that are higher than the original estimate; and

WHEREAS, the Board of Mayor and Aldermen has determined that it is in the best interest of the Town to approve the revised costs.

NOW, THEREFORE, BE IT RESOLVED by the Board of Mayor and Aldermen of the Town of Thompson's Station as follows:

A list of all parcels and property owners has been compiled and is attached to this Resolution as Exhibit A and becomes part of said Resolution. The Mayor is hereby authorized to execute all documents necessary to acquire such property, right-of-way and easements. In addition the Town Attorney is authorized to initiate condemnation proceedings, if necessary, to acquire such property, right-of-way and easement.

RESOLVED AND ADOPTED this 8th day of October 2019.

Corey Napier, Mayor

ATTEST:

Town Recorder

APPROVED AS TO LEGALITY AND FORM:

Town Attorney

MEMORANDUM

TO: Kenneth McLawhon, Town Administrator
FROM: Caryn Miller
CC:
DATE: 10-3-2019
RE: Resolution 2019-21: Critz Lane Project Acquisitions and Appraisals

PRIOR HISTORY

This project was approved by BOMA and a contract was signed with Barge to do the design as one project but because of the cost of the project the construction of it was contemplated to be completed in three phases. Then the Participation Agreement came into play and became Phase I of the project overall, there were discrepancies between the plans Ragan Smith prepared for Encompass and those that Barge prepared for the Town. Those discrepancies have since been resolved thus clarifying ROW needed for the project as a whole.

Resolution 2018-10

This Resolution was passed by BOMA for the acquisition of ROW for the Critz Lane project. Attached to the Resolution was only an estimate of costs related to said acquisitions. The actual costs of the acquisitions have changed due to actual appraised values in 2019. Therefore a new Resolution 2019-21 is being introduced to BOMA to amend the amount that will be expended for the ROW.

APPRAISALS

In 2018 R & D Enterprises was contracted by the Town to perform the appraisals and negotiate offers with the property owners based on the approval of their contract in Resolution 2018-02. Resolution 2018-10 authorized the Mayor to sign acquisition documents.

Money was budgeted in FY 2018-2019 to pay for the appraisals and acquisitions. All appraisals have been invoiced and paid for with the exception of tract 12. The total paid last year for appraisals is \$174,500. The Appraisal documents were signed by the Mayor and sent back to R & D so they could make offers to the property owners. No acquisitions actually took place in Fiscal Year 2018-2019.

Tract 12, Lamb property was not appraised because there were discrepancies between the plans submitted by Barge and those submitted by Ragan Smith for Encompass as it relates to the Participation Agreement. Just recently those discrepancies have been resolved and tract 12 will not be part of Phase I of the project but a portion of ROW will have to be purchased for Phase II of the project. The amount of acquisition in the table is a high estimate at this time. Appraisal costs of \$4,850 will also have to be paid and are reflected in the table attached.

OFFERS

R&D negotiated with the property owners and sent back signed offers so the Town could pay them. Those offers were sent to the Attorneys so they could do the closing paperwork. The offers started coming in in April of 2019. No property has been actually acquired to date and is waiting for the revised costs to be approved by BOMA in Resolution 2019-21.

Negotiations on certain tracts necessary

Tract 2, the Affitto property wanted the appraisal value to match that of his neighbor (\$5 per acre instead of \$4 an acre appraised). R& D negotiated that down and it is reflected on the sheet as \$66,063, a difference of approximately \$10,000 above the original appraised value but the same amount less than what they wanted.

Tract 25, Edwards, needs to replace an electric fence at the cost of \$8,300 and that price is included in the acquisition table.

Tract 23, LeVan requested an addition \$500 and that is also reflected in the totals.

PROPERTY OWNER CONCERNS

Several property owners are concerned that even they have signed the offers they have not been paid yet. Two particular properties are under contract for purchase and need their acquisitions resolved so they can close on their sales. Staff is aware of them and has placed them as a priority if BOMA approves Resolution 2019-21.

Other concerns such as slope changes and other accommodations have been made by changes to the overall plans for the project.

TOTAL ACQUISITION COSTS

Current total cost for the necessary ROW for the entire project acquisition is \$575,263.00. The estimate prepared for the 2018 Resolution was \$344,456.00 at the time Resolution 2018-10 was passed by BOMA. This is a difference of approximately \$240,000. There is enough money budgeted at this time to cover the acquisitions for the project in this year's budget. However, once it goes to construction an amendment to the budget will have to be made.

CONCERNS

Appraisals have been accepted by the property owners. If the acquisition increase is not passed by BOMA we may have to start all over again and costs of acquisition and new appraisals will likely go up.

RECOMMENDATIONS

It is recommended that BOMA pass Resolution 2019-21 and that the property owners are paid for the ROW necessary to complete the project.

ATTACHMENTS

Appraisals
Offers
Resolutions 2018-02 and 2018-10
Table of costs incurred thus far and costs needed to be paid for
Resolution 2019-21

R D Enterprises
Critz Lane project by tract summary

Barge Phase No	Tract	Title Fee	Acq	Appraisal Fee	Review Fee	Canceled Tracts	Total Fees Pd	Sum of Appraised Value	Appraisal Fees Left to be Paid
2	7			\$3,200.00	\$1,750.00		\$ 4,950.00		
	8		\$ 1,400.00	\$3,200.00	\$1,650.00		\$ 6,250.00	\$ 4,100.00	
	9								
	10					\$1,600.00	\$ 1,600.00		
	11								
	12					\$1,600.00	\$ 1,600.00	\$ 21,400.00	\$ 4,850.00
	13								
	14			\$3,200.00	\$1,650.00		\$ 4,850.00	\$ 20,800.00	
	15								
	16		\$ 1,400.00		\$3,200.00	\$1,650.00		\$ 6,250.00	\$ 11,700.00
	17		\$ 1,400.00					\$ 1,400.00	
	18		\$ 1,400.00		\$3,200.00	\$1,650.00		\$ 6,250.00	\$ 28,800.00
	20		\$ 1,400.00		\$3,200.00	\$1,650.00		\$ 6,250.00	\$ 9,850.00
	22		\$ 1,400.00		\$3,200.00	\$1,650.00		\$ 6,250.00	\$ 24,500.00
	24		\$ 1,400.00		\$3,200.00	\$1,650.00		\$ 6,250.00	\$ 4,800.00
26		\$ 1,400.00		\$3,200.00	\$1,650.00		\$ 6,250.00	\$ 33,800.00	
28		\$ 1,400.00		\$3,200.00	\$1,650.00		\$ 6,250.00	\$ 11,050.00	
30		\$ 1,400.00		\$3,200.00	\$1,650.00		\$ 6,250.00		
2 Total			\$ 14,000.00	\$35,200.00	\$18,250.00	\$3,200.00	\$ 70,650.00	\$ 170,800.00	
1	1			\$3,200.00	\$1,650.00		\$ 4,850.00	\$ 55,400.00	
	2			\$3,200.00	\$1,650.00		\$ 4,850.00	\$ 66,063.00	
	3								
	4								
	6			\$3,200.00	\$1,750.00		\$ 4,950.00		
	7							\$ 33,300.00	
	30							\$ 12,300.00	
	9,11,13			\$3,200.00	\$1,650.00		\$ 4,850.00		
1 Total				\$12,800.00	\$6,700.00		\$ 19,500.00	\$ 167,063.00	
3	17			\$3,200.00	\$1,650.00		\$ 4,850.00	\$ 28,800.00	
	19		\$ 1,400.00	\$3,200.00	\$1,650.00		\$ 6,250.00	\$ 12,600.00	
	21								
	23			\$3,200.00	\$1,650.00		\$ 4,850.00	\$ 2,000.00	
	25			\$3,200.00	\$1,650.00		\$ 4,850.00	\$ 22,750.00	
	27		\$ 1,400.00	\$3,200.00	\$1,650.00		\$ 6,250.00	\$ 11,800.00	
	29			\$3,200.00	\$1,650.00		\$ 4,850.00	\$ 6,100.00	
	31			\$3,200.00	\$1,650.00		\$ 4,850.00	\$ 28,700.00	
	32		\$ 1,400.00	\$3,200.00	\$1,650.00		\$ 6,250.00	\$ 31,600.00	
	33								
	34		\$ 1,400.00		\$3,200.00	\$1,650.00		\$ 6,250.00	\$ 48,100.00
	35				\$3,200.00	\$1,650.00		\$ 4,850.00	\$ -
	36		\$ 1,400.00		\$3,200.00	\$1,650.00		\$ 6,250.00	\$ 6,700.00
	37		\$ 1,400.00		\$3,200.00	\$1,650.00		\$ 6,250.00	\$ 3,900.00
38		\$ 1,400.00		\$3,200.00	\$1,650.00		\$ 6,250.00	\$ 5,300.00	
39		\$ 1,400.00		\$3,200.00	\$1,650.00		\$ 6,250.00	\$ 20,100.00	
40				\$3,200.00	\$1,650.00		\$ 4,850.00	\$ 4,100.00	
3 Total			\$ 11,200.00	\$48,000.00	\$24,750.00		\$ 83,950.00	\$ 232,550.00	
(blank)			\$400.00				\$ 400.00		
Grand Total		\$400.00	\$ 25,200.00	\$96,000.00	\$49,700.00	\$3,200.00	\$ 174,500.00	\$ 570,413.00	\$ 4,850.00

Total to be expended ** \$ 575,263.00

Already paid in FY 2018-2019

To be paid per Resolution 2019-21

** closing costs to be determined

CRITZ LANE PROJECT

	<u>Total Costs</u>	<u>Paid</u>	<u>Balance</u>
Property cost:			
Properties Acquisition Cost	\$ 570,413	\$ -	\$ 570,413
Appraisal Fees	\$ 179,350	\$ 174,500	\$ 4,850
Est. Closing costs	\$ 45,000	\$ -	\$ 45,000
Total cost for Properties **	\$ 794,763	\$ 174,500	\$ 620,263

Construction Phase 1:			
Barge est. const. Phase 1	\$ 1,653,038	\$ -	\$ 1,653,038
Est. Project Mgmt Fee	\$ 107,447	\$ -	\$ 107,447
Sub-Total Const Exp	\$ 1,760,485	\$ -	\$ 1,760,485

Utility costs Phase 1:			
Electric - Middle Tn Elec.	\$ 80,000	\$ -	\$ 80,000
Water - HB&TS	\$ 73,100	\$ -	\$ 73,100
Sewer - Town (estimated)	\$ 50,000	\$ -	\$ 50,000
Cable - (estimated)	\$ 50,000	\$ -	\$ 50,000
Telephone - (estimated)	\$ 50,000	\$ -	\$ 50,000
Sub-Total for Utilities	\$ 303,100	\$ -	\$ 303,100

Total Phase 1	\$ 2,063,585	\$ 174,500	\$ 1,889,085
Est Total Phase 2	\$ 2,736,940	\$ -	\$ 2,736,940
Est Total Phase 3	\$ 1,654,060	\$ -	\$ 1,654,060
Total Properties	\$ 794,763	\$ -	\$ 794,763

TOTAL CRITZ LANE PROJECT	\$ 7,249,348	\$ 174,500	\$ 7,074,848
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**Pending participation agreement

estimates are in italics

RESOLUTION NO. 2018-002

**A RESOLUTION OF THE TOWN OF THOMPSON'S STATION, TENNESSEE
TO APPROVE A CONTRACT WITH R & D ENTERPRISES, INC. FOR RIGHT-OF-
WAY ACQUISITION AND NEGOTIATION SERVICES AND TO AUTHORIZE THE
MAYOR TO SIGN THE CONTRACT**

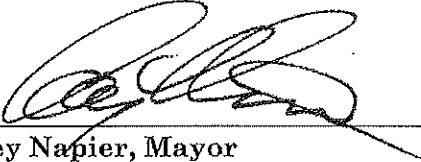
WHEREAS, the Town has publicly advertised and solicited a request for qualifications of services related to the acquisition of right-of-way along Critz Lane (the "Project"); and

WHEREAS, the Board of Mayor and Aldermen has determined that it is in the best interest of the Town to approve a contract with R & D Enterprises, Inc. to perform certain services related to acquisition of right-of-way for the Project.

NOW, THEREFORE, BE IT RESOLVED by the Board of Mayor and Aldermen of the Town of Thompson's Station as follows:

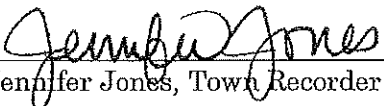
That the Mayor is authorized to execute the attached contract with R & D Enterprises, Inc.

RESOLVED AND ADOPTED this 9th day of January, 2018.



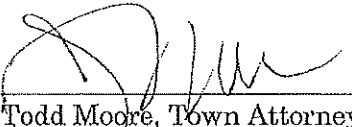
Corey Napier, Mayor

ATTEST:



Jennifer Jones, Town Recorder

APPROVED AS TO LEGALITY AND FORM:



Todd Moore, Town Attorney

**CONTRACT FOR RIGHT-OF-WAY ACQUISITION AND NEGOTIATION
SERVICES FOR CRITZ LANE**

THIS CONTRACT made this ____ day of _____ 2018, by and between **R & D Enterprises, Inc.**, a Tennessee corporation (hereinafter "Contractor"), and the **Town of Thompson's Station**, a Tennessee municipal corporation (hereinafter "Town").

WHEREAS, the Town has advertised and received responses to Request for Qualifications ("RFQ") for a firm to provide right-of-way acquisition and negotiation services for improvements to Critz Lane (the "Project"); and

WHEREAS, the Town has selected Contractor for the Project.

NOW THEREFORE, the Contractor and the Town agree as follows:

Section 1. Scope of Work – The Contractor has been retained to provide services to the Town as set out in Exhibit A and incorporated herein by reference. The Contractor shall be responsible for coordinating with Town staff to perform the work.

Section 2. Compensation – The Contractor's fee for the Project is set out in Exhibit A. The Contractor is solely responsible for the payment of compensation to any subcontractors. In no event shall the Town be liable to any subcontractor related to this Project.

Section 3. Time of Completion – The work to be performed under this Contract shall be commenced as soon thereafter as reasonably possible and Contractor shall perform all work as expeditiously as is consistent with professional skill and care.

Section 4. Insurance Requirements – The Contractor shall procure and maintain for the duration of the Contract, at its own expense, insurance as set forth in Exhibit B attached hereto, said document to be incorporated in this Contract by reference. The Town shall be named as an additional named insured on all policies.

Specifically, the Contractor is responsible for work-related injuries of the Contractor's employees and subcontractors. The policies described herein shall be issued by insurance companies that are licensed to conduct business in the State of Tennessee. The Contractor must provide a thirty (30) day prior notice of cancellation, non-renewal, or material change in coverage.

Section 5. Compliance with Laws – The Contractor must comply with all applicable federal, state, and local laws.

Section 6. Indemnity Requirement – The Contractor agrees to protect, defend, and save the Town, its elected and appointed officials, agents, employees, and volunteers harmless from and against any and all claims, demands, and causes of action of any kind or character, including the cost of their defense, arising in favor of the Contractor's employees or third parties on account of bodily or personal injuries, death or damage to property arising out of or in any way resulting from the act or omissions of the Contractor and/or its agents, employees, subcontractors, representative or the Town under this Contract.

Section 7. Independent Contractor - The relationship of Contractor to the Town will be that of an independent contractor. Contractor will be solely and entirely responsible for its acts and for the acts of its agents, employees, servants and subcontractors done during the performance of the Contract.

Section 8. Subcontract for specific services. Contractor has proposed to subcontract certain persons/entities set forth in Exhibit A for specific services related to this Project. The Town agrees that the Contractor may use the services of these persons/entities, provided that Contractor shall be solely responsible for the supervision and direction of any work assigned, shall remain liable for the completion of the Project and for the payment of any compensation to these persons/entities or any other subcontractors and their employees.

Section 9. Assignment - Except as expressly permitted above, under no circumstances may the Contractor assign or transfer its interest in this Contract, including assigning work to subcontractor except as provided herein, without prior written consent of the Town.

Section 10. Term; Termination - The Term of this Contract shall begin on the date it is executed and shall continue until completion unless terminated as follows:

(a) *Convenience.* The Town may terminate this Contract at the Town's convenience upon seven (7) days written notice to the Contractor.

(b) *Breach; Default.* The Town or Contractor may terminate or cancel this Contract for any breach of the terms herein.

Notice and compensation in event of Termination. Upon receipt of notice of termination, Contractor shall immediately discontinue all work and services hereunder and upon payment for work performed, deliver to the Town all documents, data, reports, plans, computer files and other information accumulated in performing this Contract, whether complete or incomplete. The Town shall pay the Contractor for all work and services through the time of notice of termination and for any work necessary to compile and deliver the above documents to the

Town.

Section 11. Miscellaneous. (a) *Applicable laws; jurisdiction; venue.* The laws of the State of Tennessee will govern this Contract and the Chancery Court for Williamson County, Tennessee, shall have jurisdiction and be the appropriate venue for any action arising out of this Contract.

(b) *Severability.* If any provision of this Contract is held unenforceable, the remaining portions shall remain in full force and effect.

(c) *Entire agreement.* This Contract represents the entire agreement between the parties, and expressly replaces, supersedes, and cancels any prior oral or written agreement or communications on this subject matter. In the event of any conflicts between the Contract terms and any attachments or exhibits hereto, the Contract terms shall be controlling, even if the attachments or exhibits are more specific.

(d) *Amendments; Waiver.* Other than as specified herein, this Contract may only be supplemented, modified, or waived in a writing signed by all parties. The waiver by a party of any performance by the other party, or of any of a party's rights hereunder, shall not be, and shall not be deemed to be, a waiver of any subsequent obligation of performance, default, or right of the same or similar kind.

(e) *Force Majeure.* Neither party shall be responsible to the other for any delay in performance or non-performance due to any cause such as flood, fire, explosion, natural disaster, act of God, act of terror, or any other cause beyond its control, providing such delay or non-performance could not be avoided by the reasonable endeavors of the party seeking relief by reason thereof.

(f) *Attorneys' fees.* In the event it is necessary for the Town to file suit to enforce the terms of this Contract, it shall be entitled to recover all costs of enforcement, including reasonable attorneys' fees.

(g) *No Collusion.* Contractor warrants that it has not employed or retained any person or company other than a bona fide employee, to solicit or secure this Contract and has not paid or agreed to pay any person, company, or other entity a fee or commission resulting from the award of this Contract.

(h) *No Conflict of Interest.* Any work performed by the Contractor's employees, sub-consultants or contractors, on this project shall prohibit said persons from contracting with, working for, or otherwise assisting any potential bidder to do any project-related work for the bidder. It is the responsibility of the Contractor to inform the Town of any business relationship which may be construed as a conflict of interest. Any conflict of interest may be a cause for immediate termination of the Contract.

(i) *Standard of care.* Contractor shall at all times exercise at least reasonable care, skill, diligence and professional competency for the work and services provider under this Contract.

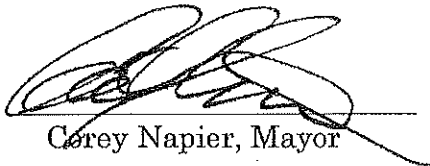
(j) *Non-discrimination.* The Town is an equal opportunity affirmative action employer, drug-free workplace, with policies of nondiscrimination on the basis of race, sex religion, color, national or ethnic origin, age disability, or military service. Contractor agrees that it does not and shall not, in the performance of its duties herein, discriminate against any employee or applicant for employment because of age, race, sex, national origin, ancestry or disability as defined by federal or state law.

IN WITNESS WHEREOF, the parties hereto have executed this Contract, the day and year first above written.

Town of Thompson's Station

R & D Enterprises, Inc.

BY



Corey Napier, Mayor

BY _____

EXHIBIT "A"
SCOPE OF WORK

EXHIBIT "B"

The Contractor shall procure and maintain for the duration of the Contract, at its own expense, insurance as follows:

- a. Workers' Compensation/Employer's Liability –
 - 1) Each Accident: \$ 100,000.00
 - 2) Disease, Policy Limit: \$ 500,000.00
 - 3) Disease, Each Employee: \$ 100,000.00

- b. General Liability –
 - 1) Each Occurrence
(Bodily Injury and Property Damage): \$ 1,000,000.00
 - 2) General Aggregate: \$ 2,000,000.00

- c. Excess or Umbrella Liability –
 - 1) Each Occurrence: \$ 1,000,000.00
 - 2) General Aggregate: \$ 1,000,000.00

- d. Automobile Liability –
 - 1) Combined Single Limit
(Bodily Injury and Property Damage):
Each Accident \$ 1,000,000.00

- e. Professional Liability –
 - 1) Each Claim Made: \$ 2,000,000.00
 - 2) Annual Aggregate: \$ 2,000,000.00

R & D ENTERPRISES, INC.

P.O. Box 3186
Clarksville, TN 37043

(931) 249-1281 (931) 980-5962

December 29, 2017

Town Administrator
Town of Thompson's Station
P. O. Box 100
Thompson's Station, TN 37179

RE: Right of Way Acquisition Services Proposal

TO: TOWN ADMINISTRATOR:

R & D Enterprises, Inc. was started in 1999 and was incorporated as an S-corporation in the State of Tennessee in 2005. Our focus that brought our company to experience the growth in the past 12 years has been our dedication to hard work and the details for acquiring Right of Way including Relocation Advisory Services that we offer. We are committed to assist all Local Public Agencies and /or Federal /State governments requiring our services.

Our experience includes managing the services and acquiring Right of Way and Relocation for road expansion and design projects including utility easements for City, Towns, and State government in Tennessee and Kentucky following the Federal Uniform Act of 1970; Regulations 49 CFR Part 24 Including MAP 21 and all guidelines for Local Public Agencies.

Our commitment to our clients for the services needed will be available as required utilizing experienced personal and sub-contractors as listed included in this Proposal.

If you have any questions or concerns, please contact as follows:

Debra G. Rhemann, Administrator
P. O. Box 3186
Clarksville, TN 37043
Phone: (931) 249-1281
Email: rdenteedebra@gmail.com

Sincerely,



Debra G. Rhemann
Administrator / ROW-Relocation Consultant

R & D ENTERPRISES, INC. TEAM ORGANIZATION CHART

TITLE REPORTS:

Benjamin W. Weigel, Attorney
Williamson County Escrow & Title, Inc.
P.O. Box 681346
Franklin, TN 37068-1346

Experience: provides a full range of title, escrow and closing services throughout Middle Tennessee for 33 years. Staffed by attorneys. Wes Weigel and William Yost located in the offices of Yost Robertson Weigel, PLLC.

Project Work Description: Will Prepare a preliminary title report to confirm current property owners, liens, mortgages and property tax. Completion of Title Reports 30 to 60 days from receipt of Notice to Proceed.

APPRAISALS:

R. Rhett Turner, MAI, SR/WA
P. O. BOX 2191
Mt. Juliet, TN 37121

Experience: State certified Real Estate Appraiser experienced in complete real estate appraisals and reviews for various Eminent Domain projects for local, state and federal government agencies, private and public utilities. Has over 12 years work experience as a real estate appraiser and prior to becoming self-employed, he was a chief appraiser for TDOT. Resume for work experience, certifications and education is attached.

Project Work Description: Responsible for appraised value of properties affected by the acquisition for easements and right of way according to a partial acquisition (Formal Part Affected) or complete appraisals (Formal Appraisal Report). Estimated time to complete appraisal reports is 90 to 120 days from receipt of final right of way plans, title reports, other necessary documentation and Notice to Proceed from the Town of Thompson's Station.

REVIEW APPRAISALS:

Ted Boozer
Boozer & Company, P.C.
106 Mission Court, Suite 1001
Franklin, TN 37067

Experience: Ted Boozer is a Tennessee state certified appraiser with over 26 years of experience in real estate appraisals. He is co-owner / Vice President of Boozer & Company since January 1996. His real estate and consulting firm specializes in the valuation of all types of properties with special emphasis on residential subdivision development appraisals and eminent domain appraisals. He regularly conducts review appraisals and have provided expert witness testimony regarding real estate valuation on multiple occasions. Resume for work experience, certifications and education is attached.

Project Work Description: Responsible for Reviewing all appraisals for corrections and valuations used to determine an appraised value of the property affected by the road project. Will provide an Appraisal Review Report and an LPA form with the breakdown of values from the appraisal 15 to 30 days from receipt of the Appraisal to be reviewed.

R & D ENTERPRISES, INC. TEAM ORGANIZATION CHART

ACQUISITION / NEGOTIATIONS

R & D Enterprises, Inc.
Ralph Rhemann, RWA
P. O. Box 3186
Clarksville, TN 37043

Experience: Over 21 years of comprehensive experience in Personnel Management, Sales, Operations Management and Independent Business Development. Co-Owner and President of R & D Enterprises, Inc. - Right of Way Consulting Services. Right of Way Consultant since 1999 and certified by the State in 2000 for acquisition and relocation for State / Federal and local road projects. Property Title Research and negotiations to acquire Right of Way. Highly experienced and knowledgeable of guidelines required by the Federal Highway Administration 49 CFR Part 24 including MAP 21 for TDOT Right of Way Division, KDOT and TN City and Local public agent projects. Resume for work experience, certifications and education is attached.

Project Work Description: Responsible for preparing Offer documents, meeting with property owners, delivering the approved Offers, negotiating until agreement is reached. Preparing file to return to agency.

ACQUISITION / NEGOTIATIONS / ACQUISITION PROJECT MANAGEMENT

R & D Enterprises, Inc.
Debra Rhemann, RWA
P. O. Box 3186
Clarksville, TN 37043

Experience: Over 20 years of experience in abstracting title for property, oil and gas interests, Right of Way Acquisition, Relocation assistance and consultant for ROW real estate closings for City, Local and State government agencies. Extensive experience in management of personal, sales, customer service and training. Co-Owner and President of R & D Enterprises, Inc. - Right of Way Consulting Services. Right of Way Consultant since 1997. Highly experienced and knowledgeable of guidelines required by the Federal Highway Administration 49 CFR Part 24 for TDOT Right of Way Division, KDOT and TN City and Local public agent projects. Trained other Right of Way agents in Right of Way acquisition and relocation. Resume for work experience, certifications and education is attached.

Project Work Description: Responsible for project coordination for acquisition, time schedules for project, project report to Agency, and submitting and addressing concerns of property owners to progress project completion. Will prepare Offer documents, meeting with property owners, delivering the approved Offers, negotiating until agreement is reached. Preparing file to return to agency.

SCOPE OF WORK

PROJECT NAME: Town of Thompson's Station Improvements to Critz Lane to serve an East/West connection of Columbia Pike and Lewisburg Pike.

SCOPE of CONSULTANT SERVICES:

- 1) Provide Title Search services to confirm current property owners, liens, mortgages, and taxes for each property affected.
- 2) Provide appraisal services by a certified appraiser to determine Fair Market Value for property being affected and assess value of area being acquired.
- 3) Provide a review appraisal report by a certified Review appraiser to review determination on property values and assessed value for each tract, and review calculation of total Offer to the property owners.
- 4) Provide documentation and negotiator to contact property owners regarding valuation and acquisition of affected area.
- 5) Provide coordination of acquisition services as described above following the Federal Regulations 49-CFR Part 24 "Uniform Relocation Assistance and Real Property Acquisition for Federal and Federally-Assisted Programs" and Tennessee Department of Transportation's Right of Way Procedures Manual until completion of project from a scheduled timeline.

SCHEDULE

Once a Notice to Proceed has been issued and upon receiving the final Right of Way plans, the **CONSULTANT** shall complete the **SERVICES** within a timely manner providing a report of schedule for each process until completed.

CONSULTANT SERVICE FEES

- 1) Title Services Per Title Report _____ \$400.00
- 2) Acquisition, Appraisal and Appraisal Review Services Per Tract _____ \$6,250.00

NOTE: Hourly rates are not applicable for services requested. Consultants for Acquisition Services work on a per Tract rate and includes all expenses incurred to complete the project, except for the Review Appraiser for subsequent revisions to the reviews and Valuation Form due to Town's request for plan changes shall be billed at a rate of \$300.00 per hour.

NOTE: An additional fee of \$2,100.00 will be required for any Tracts requiring a Formal Appraisal Report.

SUB-CONTRACTORS

Benjamin W. Weigel, Attorney
Williamson County Escrow & Title, Inc.
P.O. Box 681346
Franklin, TN 37068-1346

PARTNERS: Benjamin "Wes" Weigel
William "Bill" J. Yost

Experience: provides a full range of title, escrow and closing services throughout Middle Tennessee for 33 years. Staffed by attorneys. Wes Weigel and William Yost located in the offices of Yost Robertson Weigel, PLLC.

Project Work Description: Will Prepare a preliminary title report to confirm current property owners, liens, mortgages and property tax.

R. Rhett Turner, MAI, SR/WA
P. O. BOX 2191
Mt. Juliet, TN 37121

OWNER: R. Rhett Turner

Experience: State certified Real Estate Appraiser experienced in complete real estate appraisals and reviews for various Eminent Domain projects for local, state and federal government agencies, private and public utilities. Has over 12 years work experience as a real estate appraiser and prior to becoming self-employed, he was a chief appraiser for TDOT. Resume for work experience, certifications and education is attached.

Project Work Description: Responsible for appraised value of properties affected by the acquisition for easements and right of way according to a partial acquisition (Formal Part Affected) or complete appraisals (Formal Appraisal Report). Estimated time to complete appraisal reports is 90 to 120 days from receipt of final right of way plans, title reports, other necessary documentation and Notice to Proceed from the Town of Thompson's Station.

Ted Boozer
Boozer & Company, P.C.
106 Mission Court, Suite 1001
Franklin, TN 37067

OWNER: Ted Boozer

Experience: Ted Boozer is a Tennessee state certified appraiser with over 26 years of experience in real estate appraisals. He is co-owner / Vice President of Boozer & Company since January 1996. His real estate and consulting firm specializes in the valuation of all types of properties with special emphasis on residential subdivision development appraisals and eminent domain appraisals. He regularly conducts review appraisals and have provided expert witness testimony regarding real estate valuation on multiple occasions. Resume for work experience, certifications and education is attached.

Project Work Description: Responsible for Reviewing all appraisals for corrections and valuations used to determine an appraised value of the property affected by the road project. Will provide an Appraisal Review Report and an LPA form with the breakdown of values from the appraisal.

RESOLUTION NO. 2018-010

**A RESOLUTION OF THE TOWN OF THOMPSON'S STATION, TENNESSEE
AUTHORIZING THE ACQUISITION OF PROPERTY BY NEGOTIATION OR
CONDEMNATION FOR THE WIDENING AND IMPROVEMENTS TO CRITZ LANE**

WHEREAS, the Board of Mayor and Aldermen has determined that it is in the best interest of the Town to widen and make other improvements to Critz Lane ("the Project"); and

WHEREAS, it is necessary to acquire real property, right-of-way and easements from several property owners along Critz Lane to complete the Project; and

WHEREAS, the Town has entered into an agreement the R&D Enterprises, Inc. for property, right-of-way and easement acquisition and negotiation services for the Project; and

WHEREAS, the Town has the power of eminent domain to extend public infrastructure and roads and to acquire easements and right-of-way necessary for such improvements and that the above uses are public uses and will benefit the health, safety and welfare of the residents of the Town; and

NOW, THEREFORE, BE IT RESOLVED by the Board of Mayor and Aldermen of the Town of Thompson's Station as follows:

THAT, the Town Administrator and R&D Enterprises, Inc. are authorized to negotiate for the acquisition of the necessary property, right-of-way and easements for the Project and may enter into agreements with property owners with respect to the compensation to be paid for such property, right-of-way and easements, so long as such amounts are supported by a qualified appraisal. A list of all parcels and property owners from which property, right-of-way or easements are needed have been provided by Barge Design Solution and are attached hereto by reference as Exhibit A. If necessary, the Town Attorney is authorized to initiate condemnation proceedings to acquire the necessary property, right-of-way and easements. The Mayor is hereby authorized to execute all documents necessary to acquire such property, right-of-way and easements.

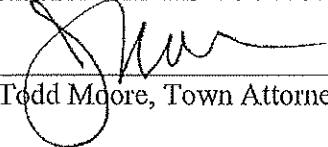
RESOLVED AND ADOPTED this 8th day of May, 2018.


Corey Napier, Mayor

ATTEST:


Jennifer Jones, Town Recorder

APPROVED AS TO LEGALITY AND FORM:


Todd Moore, Town Attorney

<u>Name</u>	<u>Map</u>	<u>Parcel</u>	<u>ROW</u>	<u>SQFT</u>	<u>TCE</u>	<u>SQFT</u>
Ferrari Partners L.P.	145	3.00	0.11	4,595	0.26	11,196
Hood Development, LLC	145	3.01	1.39	60,418	0.48	21,123
Affito, LLC	145	3.02	0.09	4,105	0.42	18,121
Thomas M. Evans, Jr.	145	6.00	0.32	14,156	0.51	22,013
Byrd D. Cain, Jr	145	6.01	0.29	12,442	1.35	59,163
Byrd D. Cain, Jr	145	6.02	0.1	4,453	0.08	3,495
Byrd D. Cain, Jr	145	6.03	0.13	5,677	0.08	3,498
Byrd D. Cain, Jr	145	6.04	0.49	21,530	1.25	54,286
Cynthia P Giles, ET.AL.	145	17.01	0.3	13,172	0.2	8,579
Richard & Joyce N. Roberts	145	17.04	0	0	0.06	2,806
Jeffrey Michael & Casey Prince	145	17.05	0	6	0.09	3,977
William David & Helen C. Dozier	145	17.06	0.03	1,231	0.11	5,005
Heathier Kennie	145	17.07	0.05	2,108	0.11	5,000
Richard Scott & Linda Marie Emeott	145	17.08	0.05	2,192	0.13	5,525
Wayne Scott & Cynthia P. Giles	145	17.09	0.05	2,026	0.13	5,625
Michael M. & Susan McClanahan	145	17.10	0.04	1,703	0.12	5,249
Richard A. & Darlene H. Lopez	145	17.11	0.21	9,096	0.04	1,903
Kyle D. & Sheena M. Weaver	145	17.12	0.19	8,183	0.09	3,951
Roger & Mary B. Batey	145	17.13	0.31	13,715	0.23	9,916
Elisa Marie Rucker & Robert Baughman	145	17.20	0.12	5,017	0.09	3,969
Troy Batey	145	17.21	0.05	1,960	0.13	5,631
Teddy K. Peay	145	19.00	0.05	2,356	0.1	4,429
Betty Ann Phair	145	19.01	0.6	26,064	0.49	21,223
Kevin M & Shelli A. Dennis	145	20.00	0.03	1,146	0.08	3,286
Raymond & Shirley McCord	145	20.01	0.03	1,142	0.1	4,396
George E. & Gale E. Ross	145	20.02	0.02	904	0.02	1,014
Jonathan Lewis & Rebecca Pascoe	145	22.01	0.03	1,308	0.05	2,280
Paul A. & Vicky C Egli	145	32.00	0.02	902	0.14	6,279
Darren and Sonya Morris	145	32.05	0	58	0.02	680
Sara Elliott	145	32.08	0.05	2,252	0.37	16,225
Paul & Stormie Sheldon Newman	145	33.00	0.04	1,747	0.05	2,317
James L. Valentine, Jr.	145	34.02	0.01	529	0.06	2,724
William H. & Mattie Lou Marlin	145	35.00	0.01	560	0.14	5,830
Walter W. Edwards, Jr. & Sandra M. Edwa	145	35.02	0	19	0.1	4,359
Frances A. Larson	145	35.03	0.21	9,243	0.19	8,692
Stephanie K. & Kelly T. Davis	145	35.04	0	0	0.02	691
TOTAL			5.42	236,015	7.89	344,456

R D Enterprises
Critz Lane project by tract summary

Barge Phase No	Tract	Title Fee	Acq	Appraisal Fee	Review Fee	Canceled Tracts	Total Fees Pd	Sum of Appraised Value	Appraisal Fees Left to be Paid	
2	7			\$3,200.00	\$1,750.00		\$ 4,950.00			
	8		\$ 1,400.00	\$3,200.00	\$1,650.00		\$ 6,250.00	\$ 4,100.00		
	9									
	10					\$1,600.00	\$ 1,600.00			
	11									
	12					\$1,600.00	\$ 1,600.00	\$ 21,400.00	\$ 4,850.00	
	13									
	14				\$3,200.00	\$1,650.00		\$ 4,850.00	\$ 20,800.00	
	15									
	16		\$ 1,400.00		\$3,200.00	\$1,650.00		\$ 6,250.00	\$ 11,700.00	
	17		\$ 1,400.00					\$ 1,400.00		
	18		\$ 1,400.00		\$3,200.00	\$1,650.00		\$ 6,250.00	\$ 28,800.00	
	20		\$ 1,400.00		\$3,200.00	\$1,650.00		\$ 6,250.00	\$ 9,850.00	
	22		\$ 1,400.00		\$3,200.00	\$1,650.00		\$ 6,250.00	\$ 24,500.00	
	24		\$ 1,400.00		\$3,200.00	\$1,650.00		\$ 6,250.00	\$ 4,800.00	
26		\$ 1,400.00		\$3,200.00	\$1,650.00		\$ 6,250.00	\$ 33,800.00		
28		\$ 1,400.00		\$3,200.00	\$1,650.00		\$ 6,250.00	\$ 11,050.00		
30		\$ 1,400.00		\$3,200.00	\$1,650.00		\$ 6,250.00			
2 Total			\$ 14,000.00	\$35,200.00	\$18,250.00	\$3,200.00	\$ 70,650.00	\$ 170,800.00		
1	1			\$3,200.00	\$1,650.00		\$ 4,850.00	\$ 55,400.00		
	2			\$3,200.00	\$1,650.00		\$ 4,850.00	\$ 66,063.00		
	3									
	4									
	6			\$3,200.00	\$1,750.00		\$ 4,950.00			
	7							\$ 33,300.00		
	30							\$ 12,300.00		
	9,11,13			\$3,200.00	\$1,650.00		\$ 4,850.00			
1 Total				\$12,800.00	\$6,700.00		\$ 19,500.00	\$ 167,063.00		
3	17			\$3,200.00	\$1,650.00		\$ 4,850.00	\$ 28,800.00		
	19		\$ 1,400.00	\$3,200.00	\$1,650.00		\$ 6,250.00	\$ 12,600.00		
	21									
	23			\$3,200.00	\$1,650.00		\$ 4,850.00	\$ 2,000.00		
	25			\$3,200.00	\$1,650.00		\$ 4,850.00	\$ 22,750.00		
	27		\$ 1,400.00	\$3,200.00	\$1,650.00		\$ 6,250.00	\$ 11,800.00		
	29			\$3,200.00	\$1,650.00		\$ 4,850.00	\$ 6,100.00		
	31			\$3,200.00	\$1,650.00		\$ 4,850.00	\$ 28,700.00		
	32		\$ 1,400.00	\$3,200.00	\$1,650.00		\$ 6,250.00	\$ 31,600.00		
	33									
	34		\$ 1,400.00		\$3,200.00	\$1,650.00		\$ 6,250.00	\$ 48,100.00	
	35				\$3,200.00	\$1,650.00		\$ 4,850.00	\$ -	
	36		\$ 1,400.00		\$3,200.00	\$1,650.00		\$ 6,250.00	\$ 6,700.00	
	37		\$ 1,400.00		\$3,200.00	\$1,650.00		\$ 6,250.00	\$ 3,900.00	
	38		\$ 1,400.00		\$3,200.00	\$1,650.00		\$ 6,250.00	\$ 5,300.00	
39		\$ 1,400.00		\$3,200.00	\$1,650.00		\$ 6,250.00	\$ 20,100.00		
40				\$3,200.00	\$1,650.00		\$ 4,850.00	\$ 4,100.00		
3 Total			\$ 11,200.00	\$48,000.00	\$24,750.00		\$ 83,950.00	\$ 232,550.00		
(blank)			\$400.00				\$ 400.00			
Grand Total		\$400.00	\$ 25,200.00	\$96,000.00	\$49,700.00	\$3,200.00	\$ 174,500.00	\$ 570,413.00	\$ 4,850.00	

Total to be expended **

\$ 575,263.00

Already paid in FY 2018-2019

To be paid per Resolution 2019-21

** closing costs to be determined

ROADWAY PLANS FOR CRITZ LANE IMPROVEMENTS TOWN OF THOMPSON'S STATION, TN

CONTACTS

OWNER/DEVELOPER

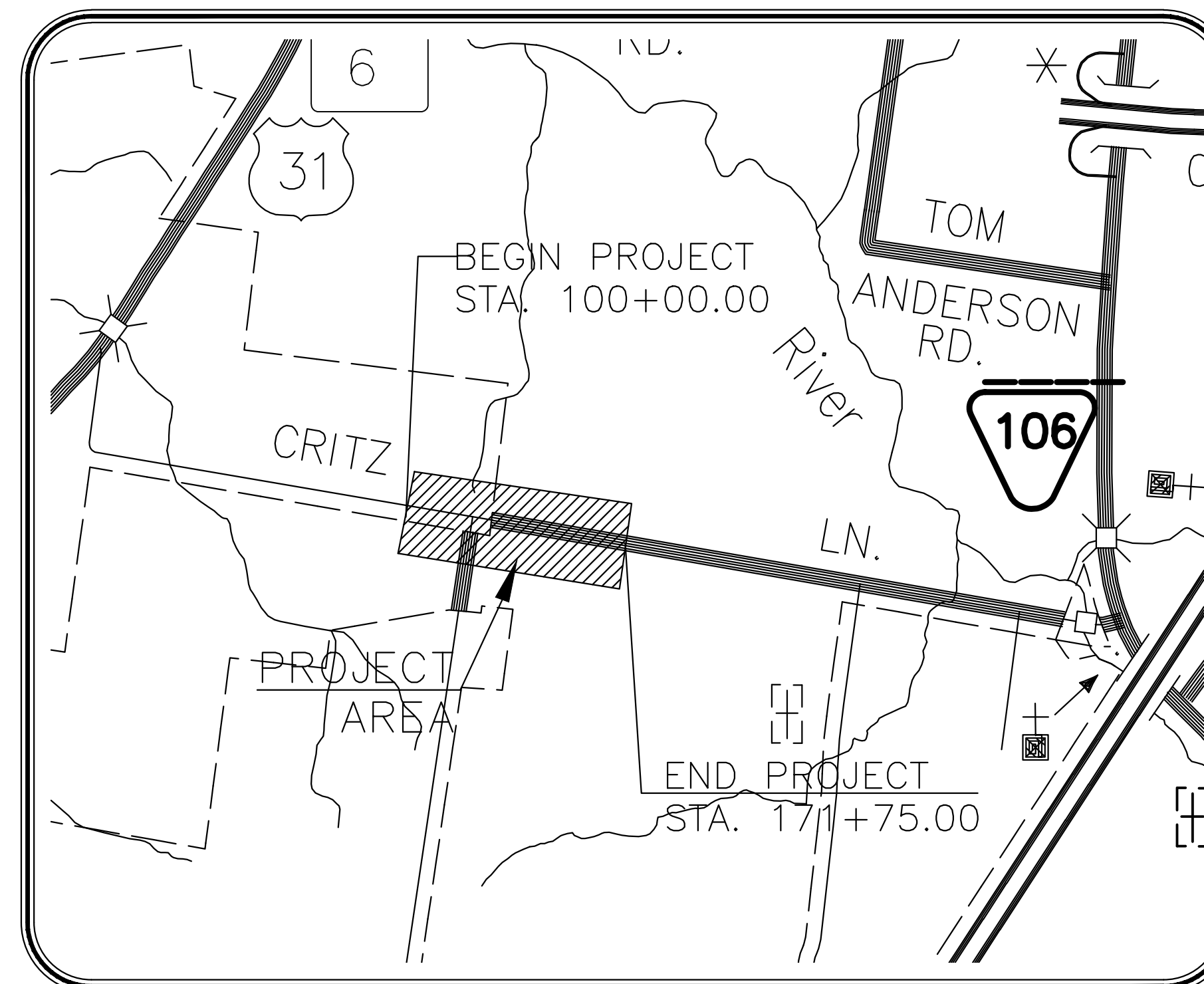
ENCOMPASS LAND GROUP
RYAN MANNERS
121 FIRST AVENUE SOUTH, SUITE 220
FRANKLIN, TN 37064
(615) 806-2796
RYAN@ELG-TN.COM

OWNER/DEVELOPER

AMBER LANE DEVELOPMENT
JORDAN CLARK
1804 WILLIAMSON COURT, SUITE 107
BRENTWOOD, TN 37027
JORDAN@BARLOWBUILDERS.COM

CIVL ENGINEER

RAGAN-SMITH ASSOCIATES
BRANDON BAXTER, P.E., PTOE
315 WOODLAND STREET
NASHVILLE, TN 37206
(615) 244-8591
BBAXTER@RAGANSMITH.COM

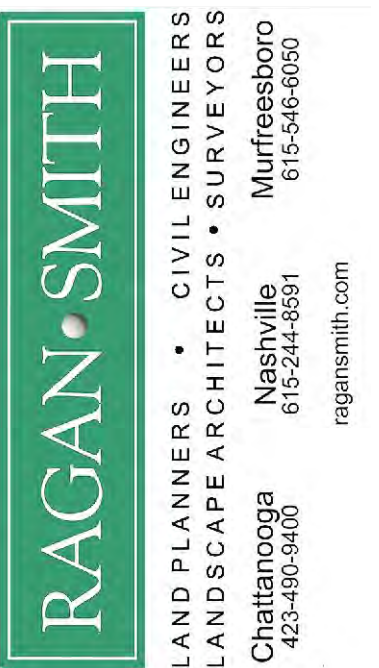


LOCATION MAP
SCALE: 1"=1500'

INDEX OF SHEETS

SHEET	DESCRIPTION
1	TITLE SHEET
2-2B	TYPICAL SECTIONS
2C-2D	GENERAL NOTES
3	DRAINAGE DETAILS
3A	STANDARD DRAWINGS
4-5	PRESENT LAYOUT
4A-5A	PROPOSED LAYOUT
4B-5B	GEOMETRIC LAYOUT
4C-5C	PROFILES
6	ROUNDBOUT LAYOUT
7	ROUNDBOUT SIGNING AND PAVEMENT MARKING PLAN
8	ROUNDBOUT GEOMETRIC LAYOUT
9	ROUNDBOUT PROFILE
10	QUADRANT PROFILES
11	SIDE ROAD PROFILES
12	PRIVATE DRIVE PROFILES
13-18	EROSION PREVENTION & SEDIMENT CONTROL PLANS
19	TRAFFIC CONTROL DROP-OFF NOTES
20	TRAFFIC CONTROL PHASING NOTES
21-24	TRAFFIC CONTROL PLANS
25-26	SIGNING AND PAVEMENT MARKING PLANS
X1-X26	CROSS SECTIONS

TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE



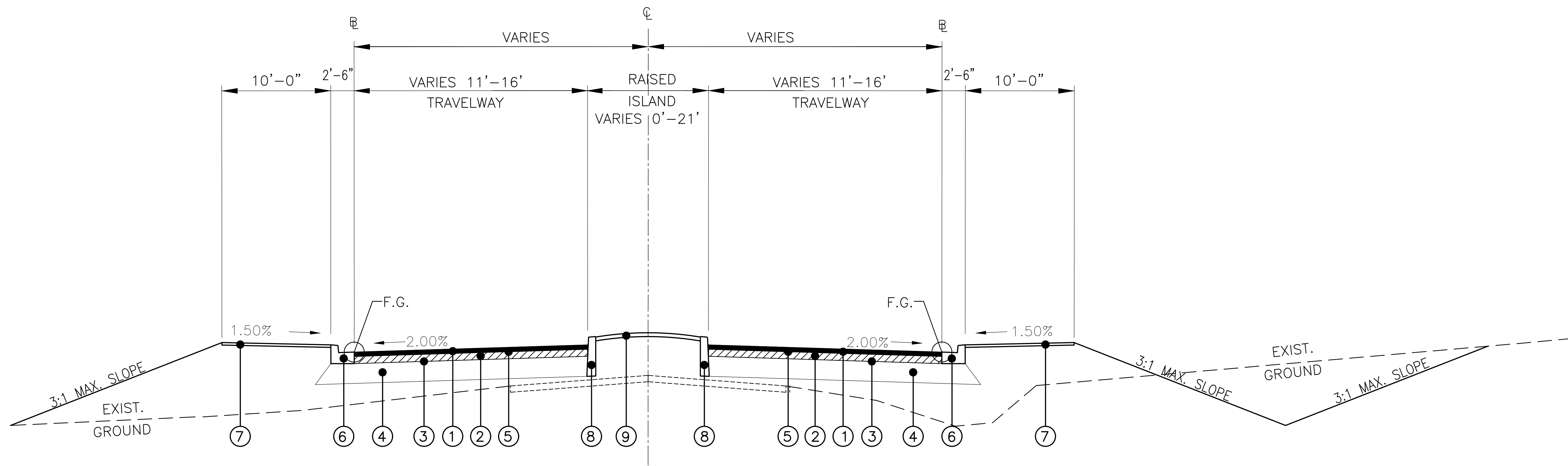
CRITZ LANE IMPROVEMENTS
 FOR
TOWN OF THOMPSON'S STATION, TN
TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

JOB NO.	18190	DESIGNED:	FLR	DRAWN:	FLR	SCALE:	AS SHOWN	DATE:	JANUARY 14, 2019	REV. #	DESCRIPTION:
WK. ORDER	1349										

TITLE SHEET



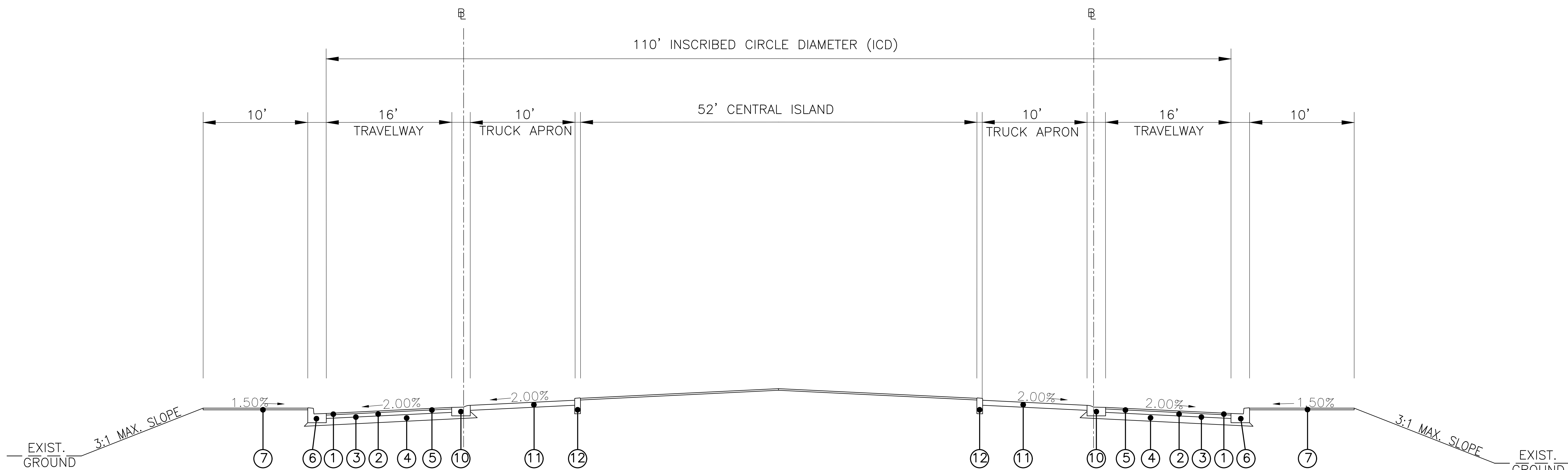
CIVIL AND LANDSCAPE ARCHITECTURE, INC. • TITLE SHEET
 PLOTTED BY: GANWEN ON 1/15/2019 10:51 AM • LAST UPDATED BY: GANWEN ON 1/15/2019 10:51 AM



TYPICAL ROUNDABOUT APPROACH
WITH SPLITTER ISLAND NEAR ROUNDABOUT
NOT TO SCALE

NOTE: SEE SHEET 7 FOR ROUNDABOUT GEOMETRY

STA. 102+93.00 TO 104+64.03 (CRITZ LANE)
 STA. 150+28.50 TO 152+47.00 (CRITZ LANE)
 STA. 203+31.00 TO 204+34.32 (CLAYTON ARNOLD ROAD)
 STA. 300+28.50 TO 301+40.00 (PADDOCK PARK DRIVE)



TYPICAL ROUNDABOUT SECTION

NOT TO SCALE
 STA. 60+00.00 TO STA. 62+32.48



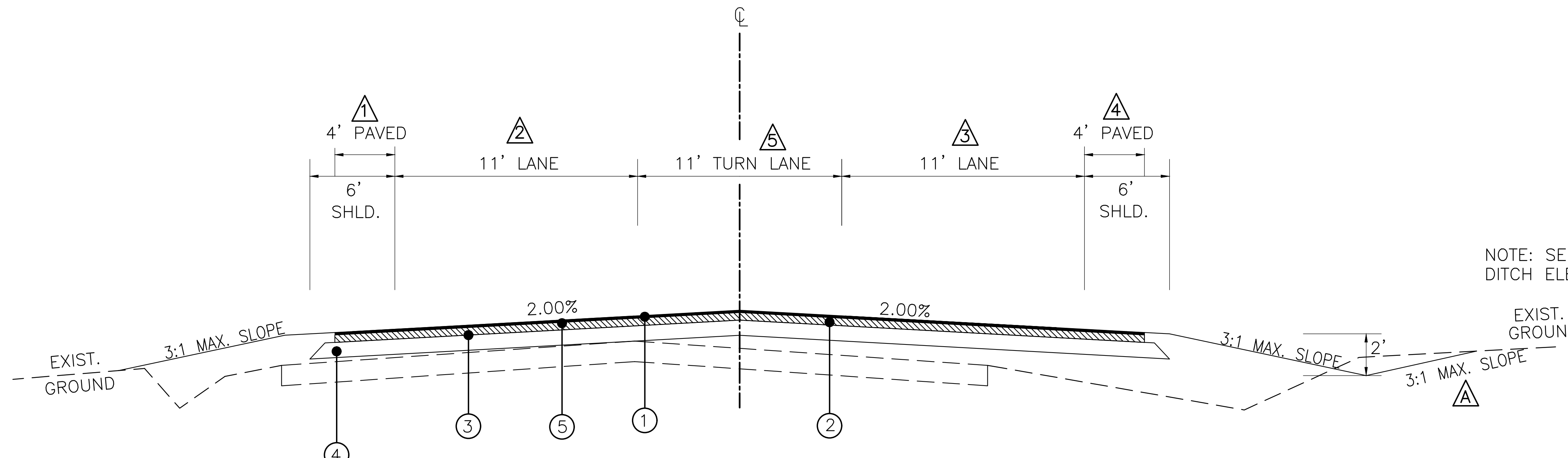
CRITZ LANE IMPROVEMENTS
 FOR
 TOWN OF THOMPSON'S STATION, TN
 TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

REV. #	DATE	DESCRIPTION

WK. ORDER	1349
DESIGNED:	FLR
DRAWN:	FLR
SCALE:	N.T.S.
DATE:	JANUARY 14, 2019

TYPICAL SECTIONS

CRITZ LANE IMPROVEMENTS AND ROUNDABOUTS, TYPICAL SECTIONS DRAWN BY: J. W. HARRIS, DATE: 1/14/19, PLOTTED BY: J. W. HARRIS, DATE: 1/14/19, LAST UPDATED BY: J. W. HARRIS, DATE: 1/14/19

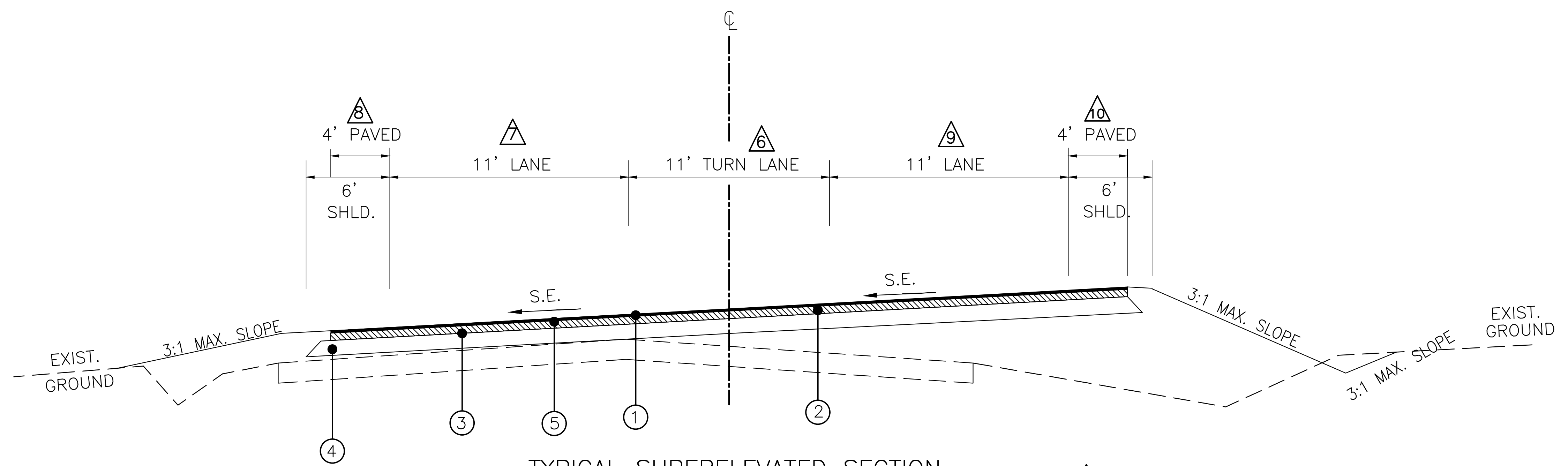


TYPICAL TANGENT SECTION
CRITZ LANE
NOT TO SCALE
STA. 100+00.00 TO STA. 102+93.00
STA. 152+47.00 TO STA. 165+94.67
STA. 168+99.74 TO STA. 169+11.16

NOTE: SEE PROFILE SHEETS FOR SPECIAL DITCH ELEVATIONS

▲ 2:1 BACKSLOPES RT. FROM STA. 100+00.00 TO 102+93.00

- ▲ 1 VARIES FROM 0'-5" STA. 100+00.00 TO 4'-0" STA. 100+75.00
- ▲ 2 VARIES FROM 9'-10" STA. 100+00.00 TO 11'-0" STA. 100+75.00
- ▲ 3 VARIES FROM 9'-9" STA. 100+00.00 TO 11'-0" STA. 100+75.00
- ▲ 4 VARIES FROM 0'-9" STA. 100+00.00 TO 4'-0" STA. 100+75.00
- ▲ 5 VARIES FROM 0'-0" STA. 158+63.00 TO 11'-0" STA. 161+63.00
VARIES FROM 11'-0" STA. 165+52.00 TO 0'-0" STA. 168+52.00



TYPICAL SUPERELEVATED SECTION
CRITZ LANE
NOT TO SCALE
STA. 165+94.67 TO STA. 168+99.74
STA. 169+11.16 TO STA. 171+61.16

- ▲ 6 VARIES FOR 11'-0" STA. 165+52.00 TO 0'-0" STA. 168+52.00
- ▲ 7 VARIES FROM 11'-0" STA. 169+00.00 TO 9'-11" STA. 171+00.00
- ▲ 8 VARIES FROM 4'-0" STA. 169+00.00 TO 0'-0" STA. 171+00.00
- ▲ 9 VARIES FROM 11'-0" STA. 169+00.00 TO 10'-4" STA. 171+00.00
- ▲ 10 VARIES FROM 4'-0" STA. 169+00.00 TO 0'-0" STA. 171+00.00

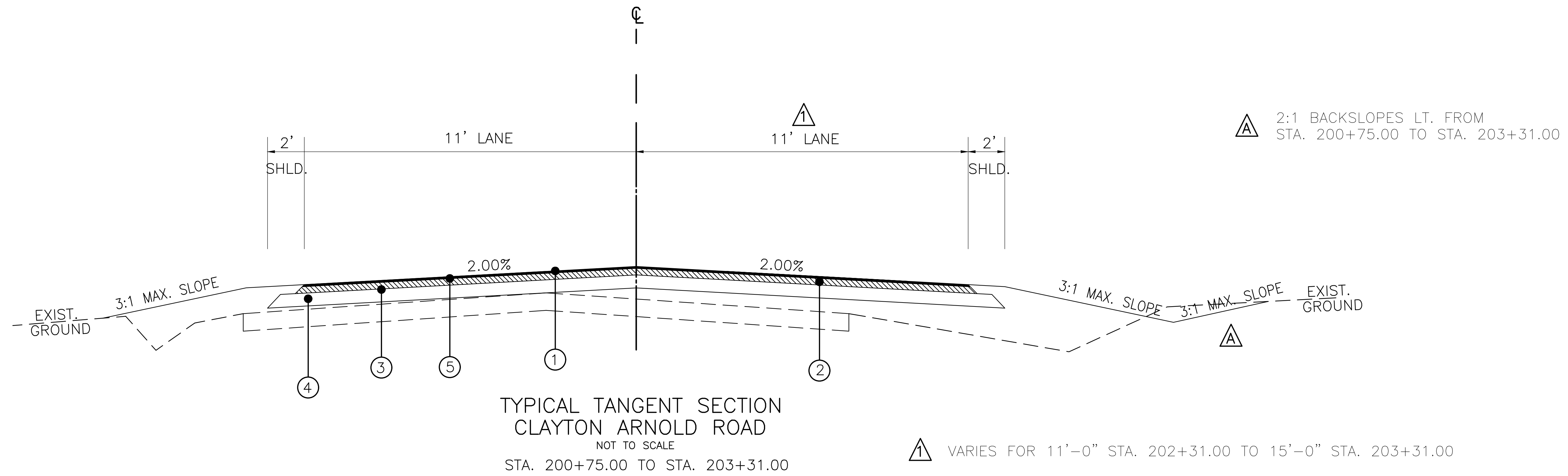


CRITZ LANE IMPROVEMENTS
FOR
TOWN OF THOMPSON'S STATION, TN
TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

JOB NO.	WK. ORDER	DESIGNED:	FLR	DRAWN:	FLR	SCALE:	N.T.S.	DATE:	REV. #	DESCRIPTION:
18190	1349							JANUARY 14, 2019		

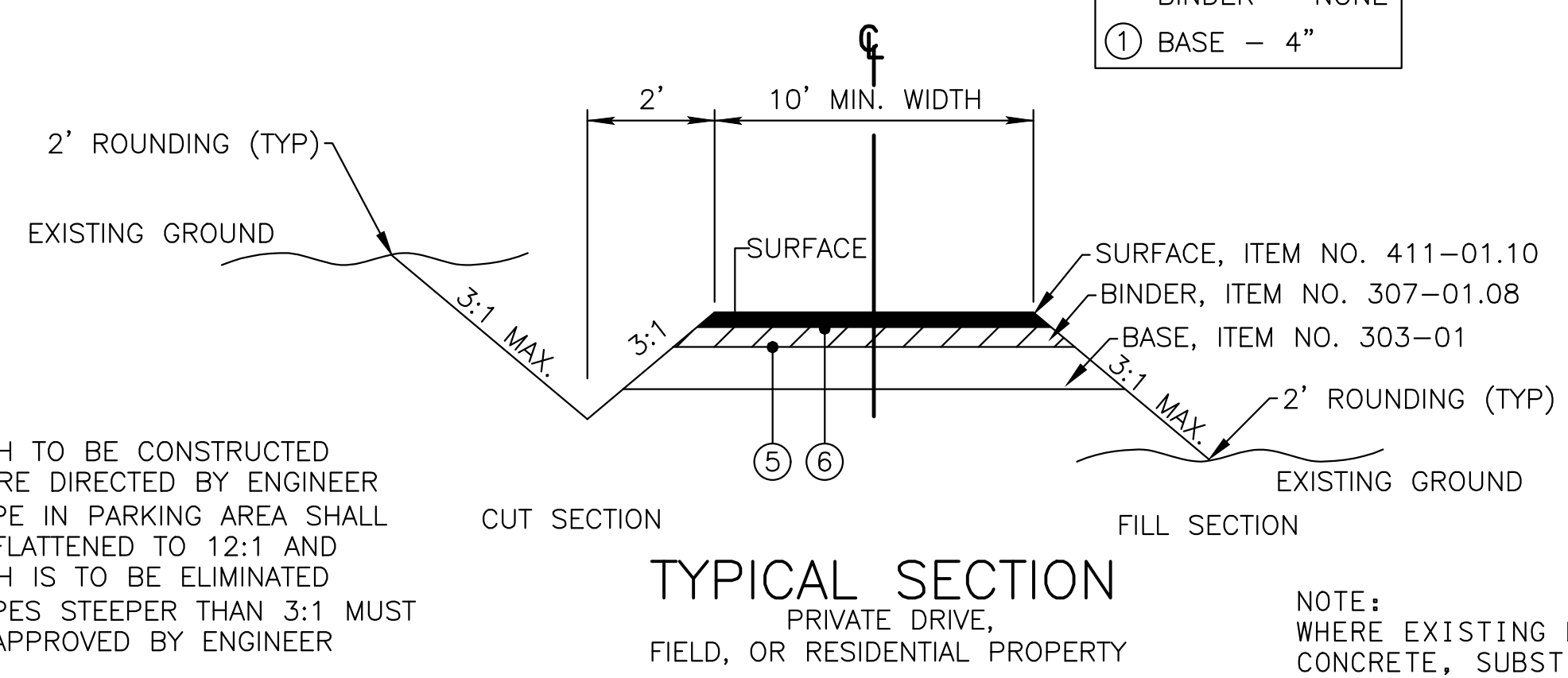
TYPICAL SECTIONS

CRITZ LANE IMPROVEMENTS AND STATIONING. TYPICAL SECTIONS FOR TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE. PLOTTED BY COMMISSIONER OF HIGHWAYS. LAST UPDATED BY GREEN/VAUGHN/BSM



FIELD OR RESIDENTIAL

⑤ SURFACE - 1.5"
BINDER - NONE
① BASE - 4"



- NOTES:
- (1) DITCH TO BE CONSTRUCTED WHERE DIRECTED BY ENGINEER
 - (2) SLOPE IN PARKING AREA SHALL BE FLATTENED TO 12:1 AND DITCH IS TO BE ELIMINATED
 - (3) SLOPES STEEPER THAN 3:1 MUST BE APPROVED BY ENGINEER

NOTE:
WHERE EXISTING DRIVE IS CONCRETE, SUBSTITUTE 6" CONCRETE FOR BASE AND SURFACE.

PROPOSED PAVEMENT SCHEDULE

<p>① BITUMINOUS SURFACE - 1.50" 411-01.10 ACS MIX (PG64-22) GRADING "D" (APPROXIMATELY 132.5 LBS./S.Y.)</p>	<p>⑥ 6" CONCRETE COMBINED CURB AND GUTTER TYPE 6-30 702-03 CONCRETE COMBINED CURB AND GUTTER STD. DWG. RP-VC-10</p>	<p>① 5" TRUCK APRON CONCRETE BASE 701-03 CONCRETE MEDIAN PAVEMENT STD. DWG. RP-R-2</p>
<p>② BITUMINOUS BINDER - 2.00" 307-01.08 ASPHALT CONCRETE MIX (PG64-22)(BPMB-HM), GRADING "B-M2" (APPROXIMATELY 226 LBS./S.Y.)</p>	<p>⑦ 4" CONCRETE SIDEWALK 701-01.01 CONCRETE SIDEWALK (4") STD. DWG. RP-5-7</p>	<p>② 6" CONCRETE CURB TYPE A 702-01 CONCRETE CURB STD. DWG. RP-R-2</p>
<p>③ PRIME COAT 402-01 BITUMINOUS MATERIAL FOR PRIME COAT (PC), 0.31-0.35 GAL./S.Y. 402-02 AGGREGATE FOR COVER MATERIAL (PC) AT 8-12 LBS./S.Y.</p>	<p>⑧ 6" DETACHED CONCRETE CURB 702-01 CONCRETE CURB STD. DWG. RP-VC-10</p>	
<p>④ MINERAL AGGREGATE BASE - 10.00" ROADWAY 303-01 MINERAL AGGREGATE TYPE "A" BASE, GRADING "D"</p>	<p>⑨ 4" RAISED MEDIAN 701-03 CONCRETE MEDIAN PAVEMENT</p>	
<p>⑤ TACK COAT 403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC) AT 0.07 GAL./S.Y.</p>	<p>⑩ 4" SLOPING CONCRETE COMBINED CURB AND GUTTER TYPE 4-30R 702-03 CONCRETE COMBINED CURB AND GUTTER STD. DWG. RP-R-2</p>	

RAGAN SMITH
LAND PLANNERS • CIVIL ENGINEERS
LANDSCAPE ARCHITECTS • SURVEYORS
Chattanooga 423-890-9000
Nashville 615-244-8591
Murfreesboro 615-546-6650
ragansmith.com



CRITZ LANE IMPROVEMENTS
FOR
TOWN OF THOMPSON'S STATION, TN
TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

REV. #	DATE	DESCRIPTION

WK. ORDER: 1349
 JOB NO.: 18190
 DESIGNED: FLR
 DRAWN: FLR
 SCALE: N.T.S.
 DATE: JANUARY 14, 2019

TYPICAL SECTIONS

2B

CLAYTON ARNOLD ROAD IMPROVEMENTS AND INTERSECTION WITH TOWN OF THOMPSON'S STATION, TYPICAL SECTIONS DRAWN BY: GREGORY W. HARRIS, P.E. DATE: 1/14/19

GENERAL NOTE

GRADING

- (1) ANY AREA THAT IS DISTURBED OUTSIDE LIMITS OF CONSTRUCTION DURING THE LIFE OF THIS PROJECT SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE.
- (2) CERTIFICATION FOR ALL BORROW PITS MUST BE OBTAINED IN ACCORDANCE WITH SUBSECTION 107.06 OF THE STANDARD SPECIFICATIONS.
- (3) THE CONTRACTOR SHALL NOT DISPOSE OF ANY MATERIAL EITHER ON OR OFF STATE-OWNED R.O.W. IN A REGULATORY FLOOD WAY AS DEFINED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) WITHOUT APPROVAL BY FEMA. ALL MATERIAL SHALL BE DISPOSED OF IN UPLAND (NON-WETLAND) AREAS AND ABOVE ORDINARY HIGH WATER OF ANY ADJACENT WATERCOURSE. THIS DOES NOT ELIMINATE THE NEED TO OBTAIN ANY OTHER LICENSES OR PERMITS THAT MAY BE REQUIRED BY ANY OTHER FEDERAL, STATE OR LOCAL AGENCY.

SEEDING AND SODDING

- (4) ALL EXISTING ROADS WITHIN THE RIGHT-OF-WAY AND NOT IN THE GRADED AREA THAT ARE TO BE ABANDONED SHALL BE SCARIFIED, OBLITERATED, TOPSOILED AND SEEDED. SCARIFYING AND OBLITERATING THE PAVEMENT WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT THE COST WILL BE INCLUDED IN THE COST OF OTHER ITEMS. TOPSOIL, IN ACCORDANCE WITH SECTION 203 OF THE STANDARD SPECIFICATIONS, WILL BE MEASURED AND PAID FOR UNDER ITEMS 203-04. SEEDING, IN ACCORDANCE WITH SECTION 801 OF THE STANDARD SPECIFICATIONS, WILL BE MEASURED AND PAID FOR UNDER ITEM 801-01.
- (5) SOD SHALL BE PLACED AT LOCATIONS SHOWN ON THE PLANS TO PREVENT DAMAGE TO ADJACENT FACILITIES AND PROPERTY DUE TO EROSION ON ALL NEWLY GRADED CUT AND FILL SLOPES AS WORK PROGRESSES.
- (6) ITEM NO. 805-12.02 SHALL BE USED ON SLOPES 3:1 OR STEEPER AND OTHER AREAS AS INDICATED IN THE PLANS THAT ARE INACCESSIBLE FOR MOWING.
- (7) ITEM NO. 801-01, SEEDING (WITH MULCH), SHALL BE USED WHERE EROSION CONTROL BLANKET OR SOD ARE NOT APPLIED.

DRAINAGE

- (1) THE CONTRACTOR SHALL SHAPE DITCHES TO THE SPECIFIED DESIGN. THIS WORK WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT THE COST WILL BE INCLUDED IN THE COST OF OTHER ITEMS.
- (2) EXCAVATION FOR PIPE CULVERT AND STORM SEWERS WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT WILL BE INCLUDED IN THE PRICE BID PER LINEAR FOOT OF PIPE.
- (3) THE CUTTING OF INLET AND OUTLET DITCHES WHERE SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER WILL BE MEASURED AND PAID FOR AS ITEM NO. 203-01 ROAD AND DRAINAGE EXCAVATION (UNCLASSIFIED).
- (4) WHERE A CULVERT (PIPE, SLAB OR BOX) IS MOVED TO A NEW LOCATION OTHER THAN THAT SHOWN ON THE PLANS, INCREASING OR DECREASING THE AMOUNT OF CULVERT EXCAVATION, NO INCREASE OR DECREASE IN THE AMOUNT OF PAYMENT WILL BE MADE DUE TO SUCH CHANGE.
- (5) DURING CONSTRUCTION OF DRAINAGE STRUCTURES ALL COST ASSOCIATED WITH MAINTAINING THE FLOW OF WATER AND TRAFFIC, AT THESE STRUCTURES, DURING THE PHASED CONSTRUCTION OF THIS PROJECT ARE TO BE INCLUDED IN THE UNIT PRICE OF THE DRAINAGE STRUCTURES AND TRAFFIC CONTROL ITEMS.

MISCELLANEOUS

- (6) ALL DETOUR, ACCESS, SERVICE AND FRONTAGE ROADS SHALL BE CONSTRUCTED WITH A MINIMUM OF ONE (1) COURSE OF BASE MATERIAL BEFORE TRAFFIC IS INTERRUPTED ON EXISTING ROADS.
- (7) THE CONTRACTOR SHALL BE REQUIRED TO REMOVE AND RESET MAILBOXES AND POSTS WHERE AND AS DIRECTED BY THE ENGINEER. COST TO BE INCLUDED IN PRICE BID FOR OTHER CONSTRUCTION ITEMS.
- (8) NOTHING IN THE GENERAL NOTES OR SPECIAL PROVISIONS SHALL RELIEVE THE CONTRACTOR FROM HIS RESPONSIBILITIES TOWARD THE SAFETY AND CONVENIENCE OF THE GENERAL PUBLIC AND THE RESIDENTS ALONG THE PROPOSED CONSTRUCTION AREA.

ROAD CLOSURE

- (9) NO LESS THAN SEVEN (7) DAYS PRIOR TO THE CLOSURE OF THE ROAD, THE CONTRACTOR SHALL NOTIFY THE FOLLOWING INDIVIDUALS OR AGENCIES COMPLETELY DESCRIBING THE AFFECTED ROADS AND THE APPROXIMATE DURATION OF THE CONSTRUCTION: THESE PARTIES INCLUDE, BUT ARE NOT LIMITED TO: (1) LOCAL LAW ENFORCEMENT OFFICE, (2) LOCAL FIRE DEPARTMENT, (3) AMBULANCE SERVICE, (4) LOCAL SCHOOL SUPERINTENDENT, (5) UNITED STATES POSTAL SERVICE, AND (6) LOCAL ROAD SUPERINTENDENT.

PAVEMENT MARKINGS

TEMPORARY PAVEMENT MARKINGS ON INTERMEDIATE LAYERS

- (10) TEMPORARY PAVEMENT LINE MARKINGS ON INTERMEDIATE LAYERS OF PAVEMENT SHALL BE REFLECTIVE TAPE OR REFLECTORIZED PAINT INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAYS WORK. SHORT, UNMARKED SECTIONS SHALL NOT BE ALLOWED. THESE MARKINGS WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 716-05.01, PAINTED PAVEMENT MARKING (4" LINE), L.M.

FINAL PAVEMENT MARKING

- (11) PERMANENT PAVEMENT LINE MARKINGS SHALL BE 4" SPRAY THERMOPLASTIC (60 mil) INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAY'S WORK. SHORT UNMARKED SECTIONS SHALL NOT BE ALLOWED. PAVEMENT MARKINGS WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 716-13.01, SPRAY THERMO PAVT MRKNG (60 mil) (4IN LINE), L.M. THE CONTRACTOR SHALL HAVE THE OPTION OF USING REFLECTORIZED PAINT INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAY'S WORK AND THEN INSTALLING THE PERMANENT MARKINGS AFTER THE PAVING OPERATION IS COMPLETED. THE TEMPORARY MARKINGS FOR THE FINAL SURFACE WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT THE COSTS ARE TO BE INCLUDED IN THE PRICE BID FOR THE PERMANENT MARKINGS.

DETOURS, LANE SHIFTS AND MEDIAN CROSS-OVERS

- (12) THE PAVEMENT MARKING ON THE DETOUR FOR CENTERLINE, EDGE LINES, AND LANE LINES WILL BE INSTALLED AND MAINTAINED TO THE SAME STANDARDS AS FOR PERMANENT MARKINGS ON THE MAIN ROADWAY. THESE MARKINGS SHALL BE IN PLACE PRIOR TO ALLOWING TRAFFIC ONTO THE PAVEMENT. THESE PAVEMENT MARKINGS WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 716-05.01 PAINTED PAVEMENT MARKING (4IN LINE), L.M.
- (13) BEFORE OPENING THE DETOUR TO TRAFFIC, THE TRANSITIONAL MARKINGS ON THE EXISTING ROADWAY MUST BE IN PLACE. ALL EXISTING MARKINGS IN THE AREA OF THESE TRANSITIONAL MARKINGS SHALL BE OBLITERATED AND ALL EXISTING RAISED PAVEMENT MARKERS SHALL BE REMOVED TO ELIMINATE CONFLICTING MARKINGS. REMOVAL OF THE EXISTING CONFLICTING MARKINGS AND RAISED PAVEMENT MARKERS WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT THE COST WILL BE INCLUDED IN ITEM NO. 712-01, TRAFFIC CONTROL, LUMP SUM.

PAVEMENT

PAVING

- (14) THE CONTRACTOR SHALL BE REQUIRED TO PAVE IN THE DIRECTION OF TRAFFIC.
- (15) THE CONTRACTOR SHALL BE REQUIRED TO COLD PLANE AND PAVE IN THE DIRECTION OF TRAFFIC.
- (16) THE CONTRACTOR SHALL ATTACH A DEVICE TO THE SCREEED OF THE PAVER SUCH THAT MATERIAL IS CONFINED AT THE END GATE AND EXTRUDES THE ASPHALT MATERIAL IN SUCH A WAY THAT RESULTS IN A CONSOLIDATED WEDGE-SHAPE PAVEMENT EDGE OF APPROXIMATELY 25 TO 30 DEGREES AS IT LEAVES THE PAVER (MEASURED FROM A LINE PARALLEL TO THE PAVEMENT SURFACE.) THE DEVICE SHALL MEET THE REQUIREMENTS THAT ARE CURRENTLY SET FORTH IN SPECIAL PROVISION 407SE.

SIGNING

- (17) THE LENGTHS OF ALL SIGN SUPPORTS SHOWN ON THE SIGN SCHEDULE ARE APPROXIMATE AND ARE FOR ESTIMATING PURPOSES ONLY. THE LENGTHS WERE COMPUTED FROM THE CROSS-SECTIONS CONTAINED IN THE CONSTRUCTION PLANS. IN THE EVENT THE SUPPORT LENGTHS ARE 2 FEET SHORTER OR LONGER THAN SHOWN ON THE PLANS, THE ENGINEER

SHALL VERIFY THE SUPPORT TYPE WITH THE TOWN OF THOMPSON'S STATION. THE CONTRACTOR SHALL VERIFY ALL SUPPORT LENGTHS AT THE SITE PRIOR TO ORDERING MATERIAL.

- (18) THE TOP OF THE SIGN FOOTINGS SHALL BE PLACED LEVEL WITH THE GROUND LINE.
- (19) AFTER THE SIGN LOCATIONS HAVE BEEN STAKED, BUT PRIOR TO ORDERING ANY MATERIAL FOR THE SUPPORTS, THERE SHALL BE A FIELD INSPECTION AND APPROVAL BY THE TOWN OF THOMPSON'S STATION.
- (20) ALL SIGNS MARKED "TO BE REMOVED" ARE TO BE REMOVED BY THE CONTRACTOR AND PAID FOR UNDER ITEM 713-15 AND BECOME THE PROPERTY OF THE CONTRACTOR.
- (21) THE EXISTING FOOTINGS ARE TO BE REMOVED 6 INCHES BELOW GROUND LINE.
- (22) THE LETTERS, DIGITS, ARROWS, BORDERS, AND ALPHABET ACCESSORIES ON ALL FLAT SHEET SIGNS SHALL BE APPLIED BY SILK SCREENING PROCESS, EXCEPT THAT CUT-OUT DIRECT APPLIED COPY SHALL BE USED ON ALL FLAT SHEET SIGNS WITH A GREEN BACKGROUND, OR BROWN BACKGROUND.
- (23) THE LENGTHS OF ALL SIGN SUPPORTS SHOWN ON THE SIGN SCHEDULE ARE APPROXIMATE AND ARE FOR ESTIMATING PURPOSES ONLY. THE CONTRACTOR SHALL VERIFY ALL SUPPORT LENGTHS AT THE SITE PRIOR TO ERECTION.
- (24) THE LETTERS, DIGITS, ARROWS, BORDERS, AND ALPHABET ACCESSORIES ON ALL FLAT SHEET SIGNS SHALL BE APPLIED BY SILK SCREENING PROCESS.

WORK ZONE & TRAFFIC CONTROL

- (25) ADVANCED WARNING SIGNS SHALL NOT BE DISPLAYED MORE THAN FORTY-EIGHT (48) HOURS BEFORE PHYSICAL CONSTRUCTION BEGINS. SIGNS MAY BE ERECTED UP TO ONE WEEK BEFORE NEEDED, IF THE SIGN FACE IS FULLY COVERED.
- (26) IF THE CONTRACTOR MOVES OFF THE PROJECT, HE SHALL COVER OR REMOVE ALL UNNEEDED SIGNS AS DIRECTED BY THE ENGINEER. COSTS OF REMOVAL, COVERING, AND REINSTALLING SIGNS SHALL NOT BE MEASURED AND PAID FOR SEPARATELY, BUT ALL COSTS SHALL BE INCLUDED IN THE ORIGINAL UNIT PRICE BID FOR ITEM NO 712-06, SIGNS (CONSTRUCTION) PER SQUARE FOOT.
- (27) A LONG TERM BUT SPORADIC USE WARNING SIGN, SUCH AS A FLAGGER SIGN, MAY REMAIN IN PLACE WHEN NOT REQUIRED PROVIDED THE SIGN FACE IS FULLY COVERED.
- (28) TRAFFIC CONTROL DEVICES SHALL NOT BE DISPLAYED OR ERECTED UNLESS RELATED CONDITIONS ARE PRESENT NECESSITATING WARNING.
- (29) USE OF BARRICADES, PORTABLE BARRIER RAILS, AND DRUMS SHALL BE LIMITED TO THE IMMEDIATE AREAS OF CONSTRUCTION WHERE A HAZARD IS PRESENT. THESE DEVICES SHALL NOT BE STORED ALONG THE ROADWAY WITHIN THIRTY (30) FEET OF THE EDGE OF THE TRAVELED WAY BEFORE OR AFTER USE UNLESS PROTECTED BY GUARDRAIL, BRIDGE RAIL, AND/OR BARRIERS INSTALLED FOR OTHER PURPOSES FOR ROADWAYS WITH CURRENT ADT'S LESS THAN 1500 AND DESIGN SPEED OF LESS THAN 60 MPH. THIS DISTANCE SHALL INCREASE TO FORTY-FIVE (45) FEET FOR ROADWAYS WITH CURRENT ADT'S OF 1500 OR GREATER AND DESIGN SPEED OF 60 MPH OR GREATER OR ON THE OUTSIDE OF A HORIZONTAL CURVE. THESE DEVICES SHALL BE REMOVED FROM THE CONSTRUCTION WORK ZONE WHEN THE ENGINEER DETERMINES THEY ARE NO LONGER NEEDED. WHERE THERE IS INSUFFICIENT RIGHT-OF-WAY TO PROVIDE FOR THIS REQUIRED SETBACK, THE CONTRACTOR SHALL DETERMINE THE ALTERNATE LOCATIONS AND REQUEST THE ENGINEER'S APPROVAL TO USE THEM.

THE CONTRACTOR SHALL NOT BE PERMITTED TO PARK ANY VEHICLES OR CONSTRUCTION EQUIPMENT DURING PERIODS OF INACTIVITY, WITHIN THIRTY (30) FEET OF THE EDGE OF PAVEMENT WHEN THE LANE IS OPEN TO TRAFFIC UNLESS PROTECTED BY GUARDRAIL, BRIDGE RAIL, AND/OR BARRIERS INSTALLED FOR OTHER PURPOSES FOR ROADWAYS WITH CURRENT ADT'S LESS THAN 1500 AND DESIGN SPEED OF LESS THAN 60 MPH. THIS DISTANCE SHALL BE INCREASED TO FORTY-FIVE (45) FEET FOR ROADWAYS WITH CURRENT ADT'S OF 1500 OR GREATER AND DESIGN SPEED OF 60 MPH OR GREATER OR ON THE OUTSIDE OF A HORIZONTAL CURVE. PRIVATELY OWNED VEHICLES SHALL NOT BE ALLOWED TO PARK WITHIN THIRTY (30) FEET OF AN OPEN TRAFFIC LANE AT ANY TIME UNLESS



CRITZ LANE IMPROVEMENTS
FOR
TOWN OF THOMPSON'S STATION, TN
TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

JOB NO.	WK. ORDER	DESIGNED:	FLR	DRAWN:	FLR	SCALE:	N.T.S.	DATE	REV. #	DESCRIPTION
18190	1349							JANUARY 14, 2019		

NOTES

2C

- (1) LESS THAN 1500 AND DESIGN SPEED OF LESS THAN 60 MPH. THIS DISTANCE SHALL BE INCREASED TO FORTY-FIVE (45) FEET FOR ROADWAYS WITH CURRENT ADT'S OF 1500 OR GREATER AND DESIGN SPEED OF 60 MPH OR GREATER OR ON THE OUTSIDE OF A HORIZONTAL CURVE. WHERE THERE IS INSUFFICIENT RIGHT-OF-WAY TO PROVIDE FOR THIS REQUIRED SETBACK, THE CONTRACTOR SHALL DETERMINE THE ALTERNATE LOCATIONS AND REQUEST THE ENGINEER'S APPROVAL TO USE THEM.
- (2) ALL DETOUR AND CONSTRUCTION SIGNING SHALL BE IN STRICT ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- (3) ALL DETOURS SHALL BE PAVED, STRIPED, SIGNED, AND FLEXIBLE DRUMS ARE TO BE IN PLACE BEFORE IT IS OPENED TO TRAFFIC.

EROSION PREVENTION AND SEDIMENT CONTROL

- (1) REFER TO THE STORM WATER POLLUTION AND PREVENTION PLAN SHEETS (S-1) FOR SWPPP, PERMITS, AND RECORDS NOTES.

RAGAN SMITH
 LAND PLANNERS • CIVIL ENGINEERS
 LANDSCAPE ARCHITECTS • SURVEYORS
 Chattanooga 423-890-9400 Nashville 615-244-8591 Murfreesboro 615-546-9050
 ragan-smith.com

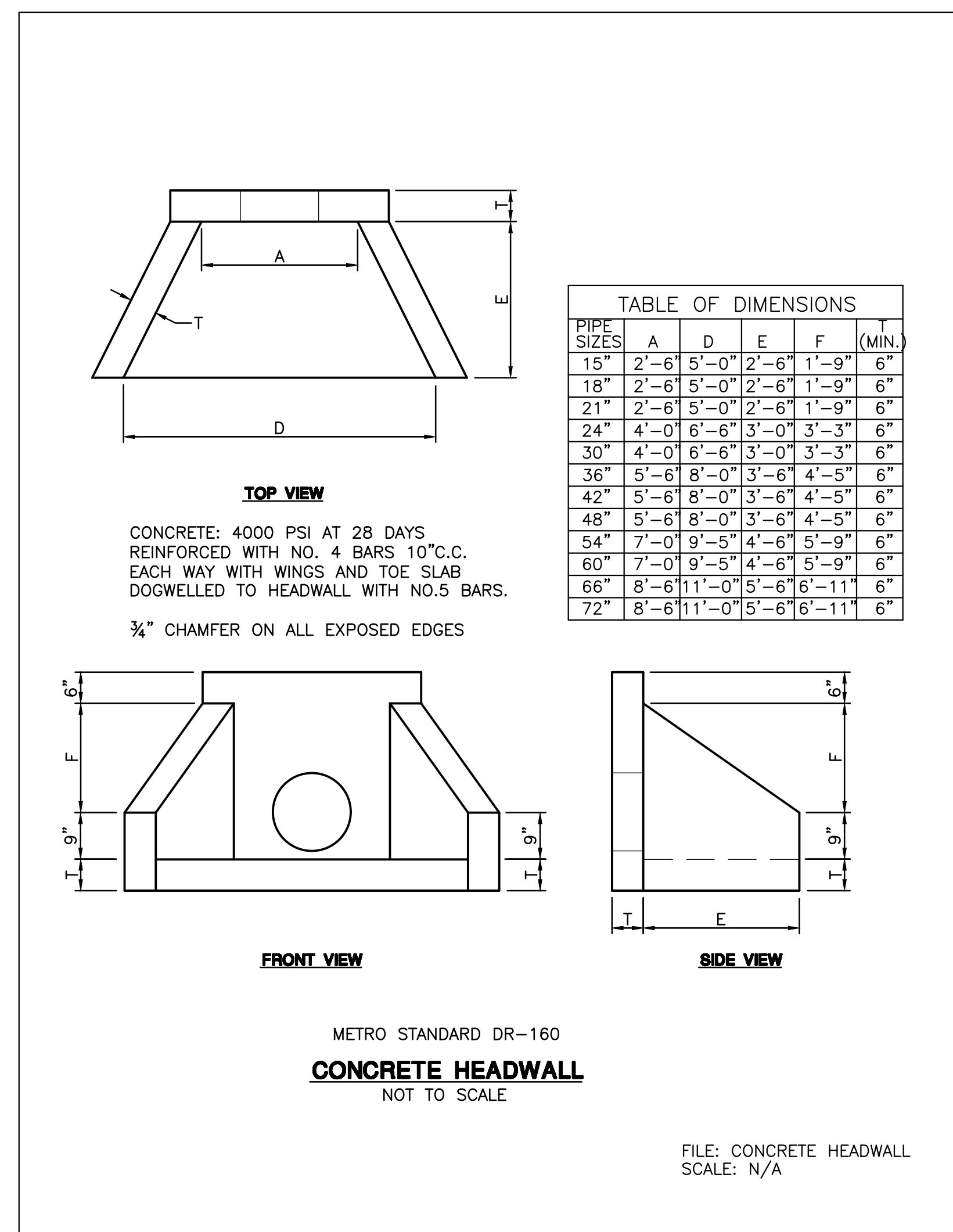
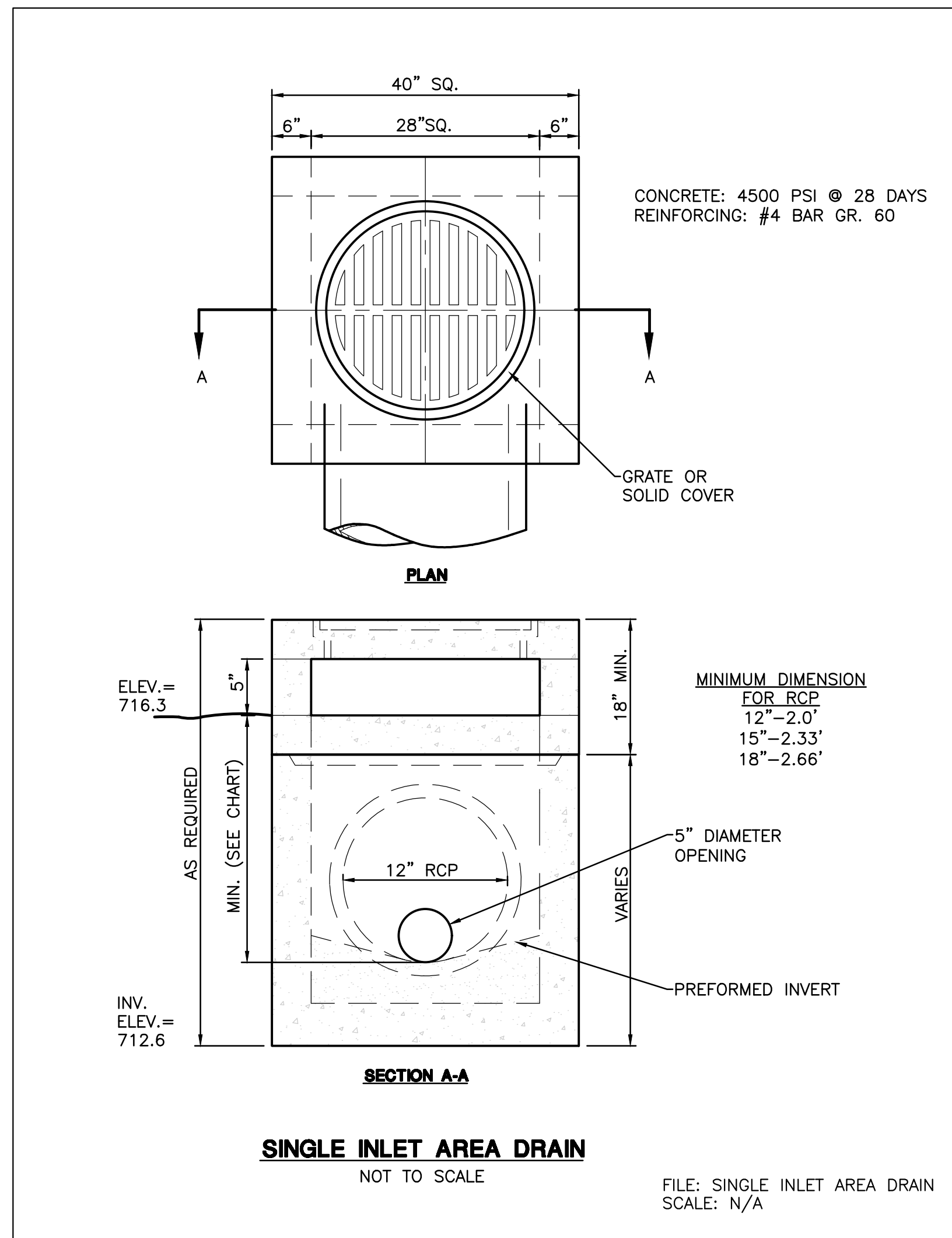


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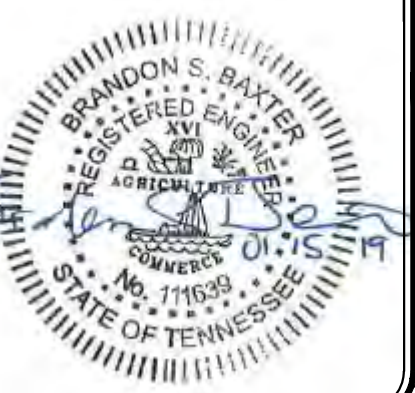
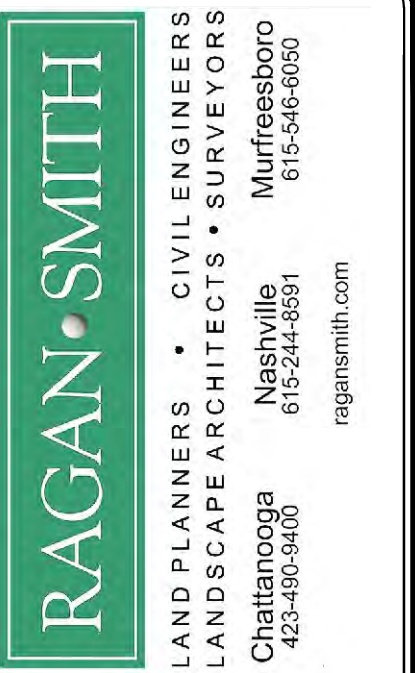
NOTES

2D



PIPES						
FROM		TO		SIZE	LENGTH (FT.)	SLOPE (%)
CODE	OUTLET ELEV.	CODE	INLET ELEV.			
1	803.00	2	796.71	18" RCP	140	4.49
2	796.59	3	796.40	18" RCP	38	0.50
3	796.28	4	796.18	18" RCP	20	0.50
5	802.50	6	800.09	18" RCP	52	4.63
6	799.97	7	799.80	18" RCP	34	0.50
7	799.68	8	799.60	18" RCP	16	0.50
9	793.97	10	793.86	36" RCP	22	0.50
10	793.74	11	793.58	36" RCP	32	0.50
11	793.46	12	793.34	36" RCP	24	0.50
13	795.62	14	795.10	24" RCP	104	0.50
15	804.61	16	804.39	18" RCP	44	0.50

STRUCTURES								
CODE	LOCATION	STATION	OFFSET (FT.)	RT/LT	STRUCT TYPE	ELEVATIONS		
						T.C.	IN F.L.	OUT F.L.
1	CRITZ LANE	102+75.00	24.41	RT	EW	-	803.00	-
2	CRITZ LANE	104+13.50	19.30	RT	12	801.64	796.71	796.59
3	CRITZ LANE	104+07.50	18.50	LT	12	801.76	796.40	796.28
4	CRITZ LANE	104+06.50	37.89	LT	EW	-	-	796.18
5	CLAYTON ARNOLD ROAD	203+25.00	19.00	LT	EW	-	802.50	-
6	CLAYTON ARNOLD ROAD	203+78.00	17.24	LT	12	803.87	800.09	799.97
7	CLAYTON ARNOLD ROAD	203+75.50	15.78	RT	12	803.88	799.80	799.68
8	CLAYTON ARNOLD ROAD	203+75.00	31.17	RT	EW	-	-	799.60
9	CRITZ LANE	151+64.00	37.42	RT	EW	-	793.97	-
10	CRITZ LANE	151+64.00	16.76	RT	12	801.50	793.86	793.74
11	CRITZ LANE	151+59.50	15.00	LT	12	801.55	793.58	793.46
12	CRITZ LANE	151+59.50	37.62	LT	EW	-	-	793.34
13	PADDOCK PARK DRIVE	300+60.00	37.63	LT	EW	-	795.62	-
14	PADDOCK PARK DRIVE	300+60.00	65.61	RT	EW	-	-	795.10
15	CRITZ LANE	170+75.00	13.12	LT	AD	807.92	-	804.61
16	CRITZ LANE	170+75.00	30.67	RT	EW	-	-	804.39



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DRAINAGE DETAILS

CIVIL AND LANDSCAPE ARCHITECTURE PLAN SET, SHEET 3 OF 3
 PLOTTED BY: C:\ADMIN\DWG\11020718.DWG, LAST UPDATED BY: AEP/ON, 1/15/2019 9:52 AM

STANDARD ROADWAY DRAWINGS

DWG. NO.	REV.	DESCRIPTION
ROADWAY DESIGN STANDARDS		
RD-TP-1	09-26-16	STANDARD ROADWAY DRAWINGS TITLE SHEET
RD-A-1	12-18-99	STANDARD ABBREVIATIONS
RD-L-1	10-26-94	STANDARD LEGEND
RD-L-2	09-05-01	STANDARD LEGEND FOR UTILITY INSTALLATIONS
RD-L-5	05-01-08	STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL
RD-L-6	03-30-10	STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL
RD-L-7	05-24-12	STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL
RD01-TS-9	06-15-12	DESIGN STANDARDS FOR SINGLE LANE URBAN AND RURAL ROUNDABOUTS
RD01-SE-2	10-15-02	URBAN SUPERELEVATION DETAILS
MM-TS-2		PEDESTRIAN FACILITY DESIGN GUIDANCE
RD01-S-11	04-04-03	DESIGN AND CONSTRUCTION DETAILS FOR ROADSIDE SLOPE DEVELOPMENT
RD01-S-11A	10-15-02	ROADSIDE DITCH DETAILS FOR DESIGN AND CONSTRUCTION
RD01-SD-1		INTERSECTION SIGHT DISTANCE DESIGN AND GENERAL NOTES
RD01-SD-2		INTERSECTION SIGHT DISTANCE LANDSCAPE AND OBSTRUCTION
RD01-SD-3		INTERSECTION SIGHT DISTANCE 2-LANE ROADWAYS
PIPE CULVERTS AND ENDWALLS		
D-FLU-1		FLUME DETAILS
D-PB-1	03-16-17	STANDARD DETAILS FOR CONCRETE PIPE INSTALLATION
D-PB-2	01-29-14	STANDARD DETAILS FOR FLEXIBLE PIPE INSTALLATION
D-PE-18A	01-06-15	18" CONCRETE ENDWALL CROSS DRAIN (FOR 3:1, 4:1 & 6:1 SLOPES)
D-PE-18B		18" CONCRETE ENDWALL CROSS DRAIN (FOR 3:1, 4:1 & 6:1 SLOPES)
D-PE-24A	07-05-17	24" CONCRETE ENDWALL CROSS DRAIN (FOR 3:1, 4:1 & 6:1 SLOPES)
D-PE-24B		24" CONCRETE ENDWALL CROSS DRAIN (FOR 3:1, 4:1 & 6:1 SLOPES)
D-PE-4	10-10-16	STRAIGHT CONCRETE ENDWALL
CATCH BASINS AND MANHOLES		
D-CB-12LP	08-01-12	LOW PROFILE 32" X 32" SQUARE CONCRETE NO. 12LP CATCH BASIN (FOR USE WITH 6" NON-MOUNTABLE CURB)
D-CB-12P	03-11-14	STANDARD PRECAST RECTANGULAR CONCRETE NO.12 CATCH BASIN
D-CB-12RA	03-11-14	STANDARD PRECAST 48" CIRCULAR NO. 12 CATCH BASIN (FOR USE WITH 6" NONMOUNTABLE CURB)
D-CB-12RB	03-11-14	STANDARD PRECAST 60" AND 72" CIRCULAR NO. 12 CATCH BASIN (FOR USE WITH 6" NONMOUNTABLE CURB)
D-CB-12RC	03-11-14	STANDARD PRECAST 84" THRU 120" CIRCULAR NO. 12 CATCH BASIN (FOR USE WITH 6" NONMOUNTABLE CURB)

DWG. NO.	REV.	DESCRIPTION
D-CB-12S	03-11-14	STANDARD RECTANGULAR CONCRETE NO. 12 CATCH BASIN
D-CB-12SB	03-11-14	STANDARD 4' X 4' SQUARE CONCRETE NO. 12 CATCH BASIN
D-CB-12SC	03-11-14	STANDARD 5' 2" X 5' 2" SQUARE CONCRETE NO. 12 CATCH BASIN
D-CB-12SD	03-11-14	STANDARD 7' X 7' SQUARE CONCRETE NO. 12 CATCH BASIN
D-CB-12SE	03-11-14	STANDARD 9' X 9' SQUARE CONCRETE NO. 12 CATCH BASIN
D-CB-42RB	03-11-14	STANDARD PRECAST CIRCULAR NO. 42 CATCH BASIN
D-CB-42S	08-01-12	STANDARD 32" X 32" SQUARE CONCRETE NO. 42 CATCH BASIN
D-CB-42SB	03-11-14	STANDARD 4' X 4' SQUARE CONCRETE NO. 42 CATCH BASIN
D-CB-42SC	03-11-14	STANDARD 5' 2" X 5' 2" SQUARE CONCRETE NO. 42 CATCH BASIN
D-CB-42SD	03-11-14	STANDARD 7' X 7' SQUARE CONCRETE NO. 42 CATCH BASIN
D-CBB-12A	05-27-01	TYPE 'B' CAST IRON FRAME, GRATE & NONMOUNTABLE INLET DETAILS FOR NOS. 10, 12, 14, 16 & 17 TYPE CATCH BASINS
D-CBB-42	05-27-01	CAST IRON GRATE DETAILS FOR NOS. 42, 43 & 44 TYPE CATCH BASINS

ROADWAY AND PAVEMENT APPURTENANCES

RP-R-1	05-27-01	STANDARD RAMPS TO SIDE ROADS
RP-NMC-10	07-29-03	STANDARD VERTICAL (NONMOUNTABLE) CONCRETE CURBS AND CONCRETE CURBS AND GUTTERS
RP-R-2		STANDARD CONSTRUCTION DETAILS FOR ROUNDABOUTS
RP-H-3	10-10-16	CURB RAMP AND TRUNCATED DOME SURFACE DETAIL
RP-H-4	10-10-16	PERPENDICULAR CURB RAMP
RP-H-5	10-10-16	PARALLEL CURB RAMP
RP-H-6	10-10-16	PEDESTRIAN REFUGE
RP-H-7	10-10-16	PERPENDICULAR CURB RAMP IN CURVE
RP-H-8	10-10-16	PERPENDICULAR CURB RAMP PLACED OUTSIDE CURVE
RP-H-9	10-10-16	PARALLEL CURB RAMP IN CURVE
RP-S-7	07-05-17	DETAILS FOR CONCRETE SIDEWALKS

SAFETY DESIGN AND FENCES

S-CZ-1		CLEAR ZONE CRITERIA
S-PL-1		SAFETY PLAN AT ROADSIDE HAZARDS
S-PL-2	10-10-16	SAFETY PLAN AT SIDEROADS OR PRIVATE DRIVES

DESIGN - TRAFFIC CONTROL

T-M-1	07-05-17	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS AND MARKING ABBREVIATIONS
T-M-2	07-05-17	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS
T-M-3	07-24-14	MARKING STANDARDS FOR TRAFFIC ISLANDS, MEDIANS & PAVED SHOULDERS ON CONVENTIONAL ROADS
T-M-4	10-10-16	STANDARD INTERSECTION PAVEMENT MARKINGS

DWG. NO.	REV.	DESCRIPTION
T-M-17	02-20-14	PAVEMENT MARKING DETAILS FOR ROUNDABOUTS
T-WZ-36	03-05-17	LANE CLOSURE ON LOW-VOLUME 2-LANE HIGHWAY
EROSION PREVENTION AND SEDIMENT CONTROL		
EC-STR-3B	03-16-17	SILT FENCE
EC-STR-34	08-01-12	EROSION CONTROL BLANKET FOR SLOPE INSTALLATION
EC-STR-37	06-10-14	SEDIMENT TUBE
EC-STR-6	05-06-16	ROCK CHECK DAM
EC-STR-6A	05-06-16	ENHANCED ROCK CHECK DAM
EC-STR-11	03-16-17	CULVERT PROTECTION TYPE 1
EC-STR-19	04-01-08	CATCH BASIN PROTECTION
EC-STR-39A	08-01-12	CURB INLET PROTECTION TYPE 3 & 4
EC-STR-25	08-01-12	TEMPORARY CULVERT CROSSING, CONSTRUCTION EXIT, CONSTRUCTION FORD



CRITZ LANE IMPROVEMENTS
 FOR
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 TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

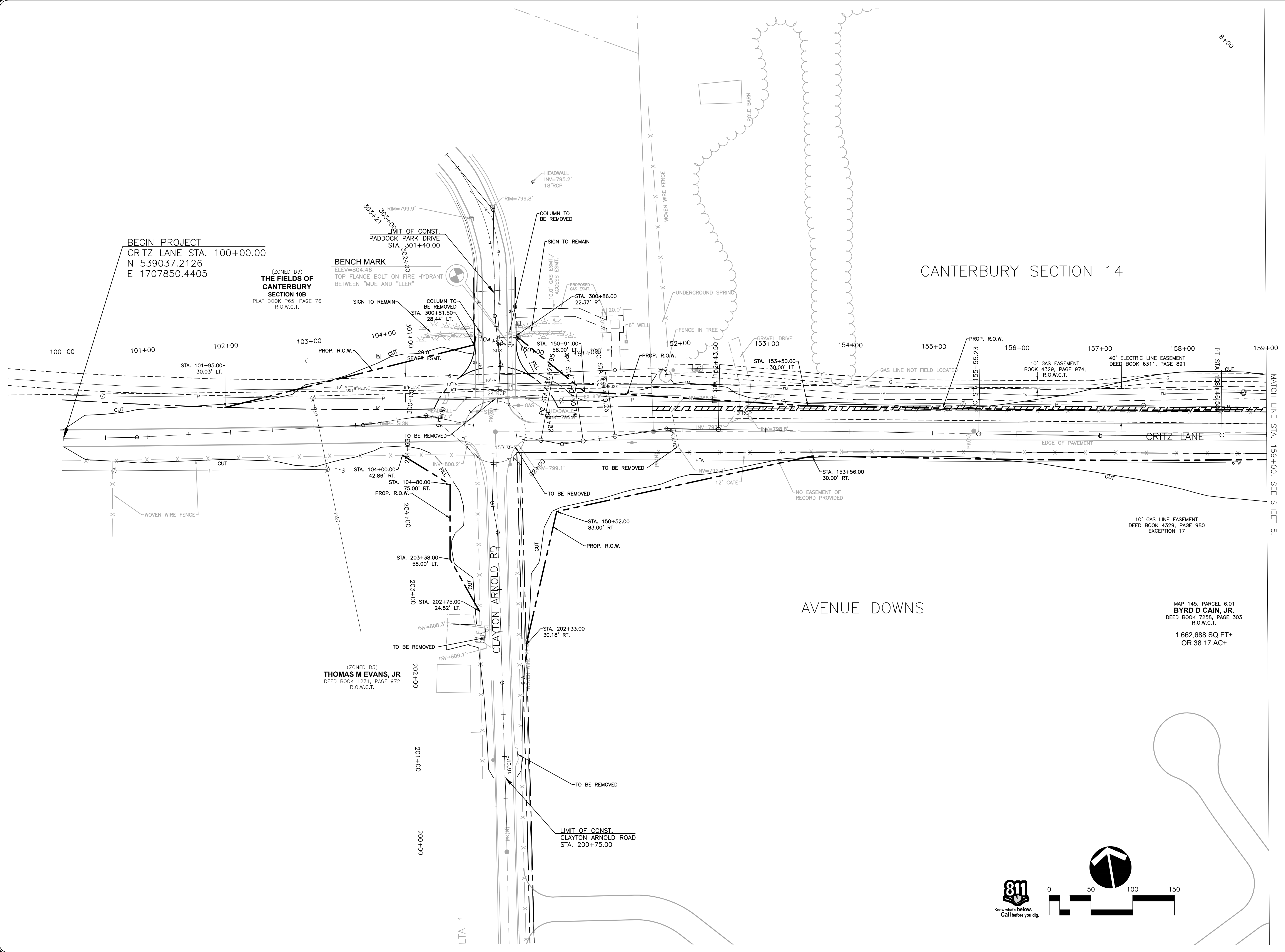
REV. #	DATE	DESCRIPTION

JOB NO.	18190	DESIGNED:	FLR	SCALE:	N.T.S.	DATE:	JANUARY 14, 2019
WK. ORDER	1349	DRAWN:	FLR				

STANDARD DRAWINGS

3A

CLAYTON ARNOLD ROAD IMPROVEMENTS AND CRITZ LANE IMPROVEMENTS, TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE
PLOTTED BY: GREGORY D. WATSON, 1/14/2019 11:23 AM. LAST UPDATED BY: GREGORY D. WATSON, 1/14/2019 11:23 AM.



BEGIN PROJECT
CRITZ LANE STA. 100+00.00
N 539037.2126
E 1707850.4405

(ZONED D3)
**THE FIELDS OF
CANTERBURY
SECTION 10B**
PLAT BOOK P65, PAGE 76
R.O.W.C.T.

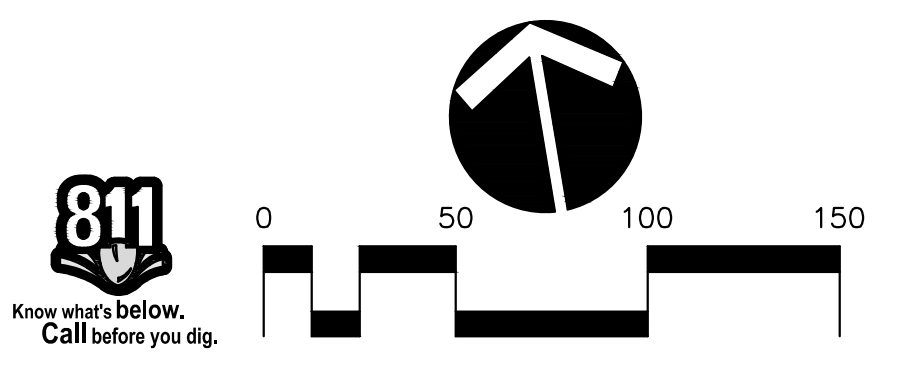
BENCH MARK
ELEV=804.46
TOP FLANGE BOLT ON FIRE HYDRANT
BETWEEN "MUE" AND "LLER"

(ZONED D3)
THOMAS M EVANS, JR
DEED BOOK 1271, PAGE 972
R.O.W.C.T.

CANTERBURY SECTION 14

AVENUE DOWNS

MAP 145, PARCEL 6.01
BYRD D CAIN, JR.
DEED BOOK 7258, PAGE 303
R.O.W.C.T.
1,662,688 SQ.FT±
OR 38.17 AC±



MATCH LINE STA. 159+00.00. SEE SHEET 5.

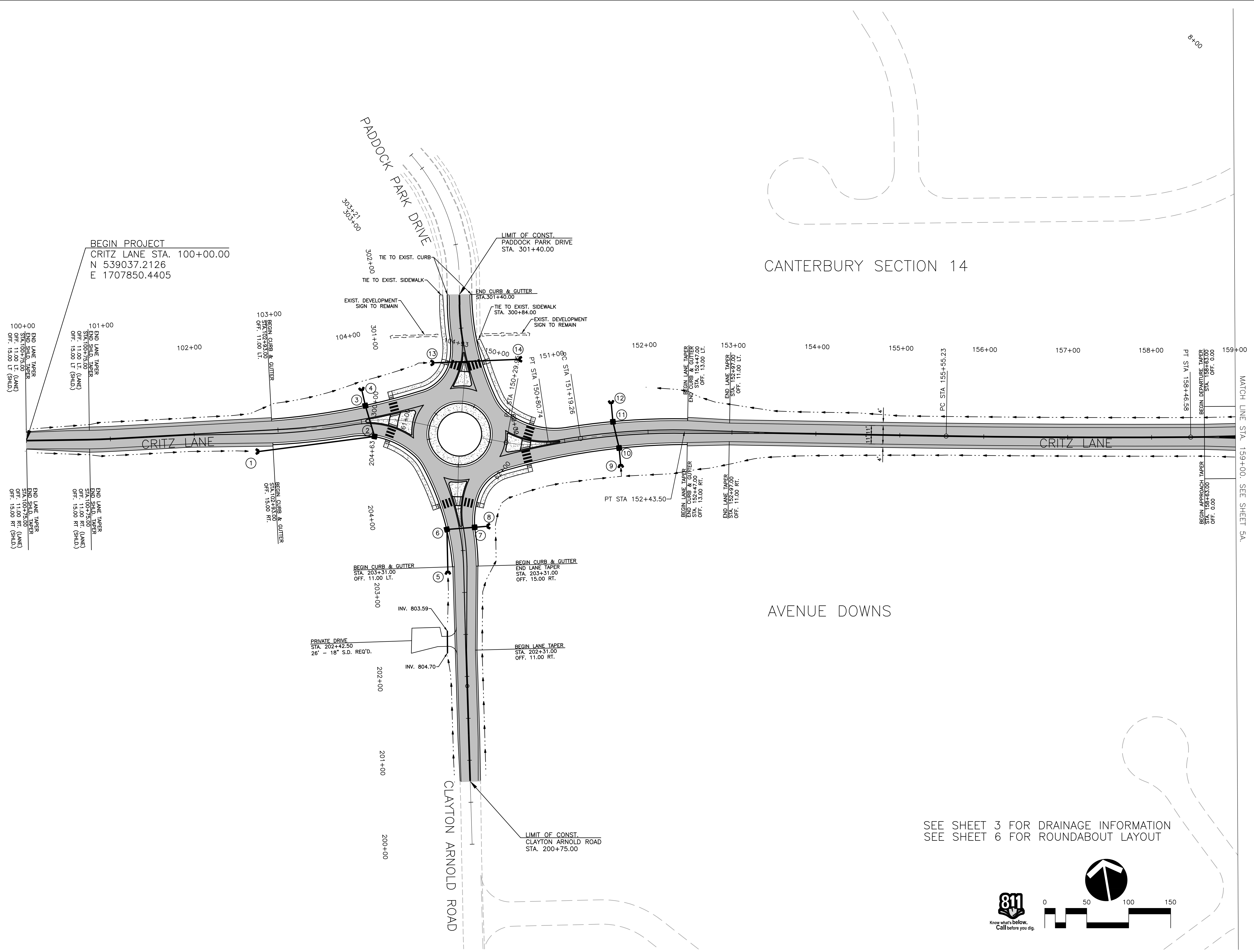
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CIVIL ENGINEERS
LANDSCAPE ARCHITECTS • SURVEYORS
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Chattanooga, TN
Murfreesboro, TN
423-890-9600
615-244-8591
615-546-9050
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CRITZ LANE IMPROVEMENTS
FOR
TOWN OF THOMPSON'S STATION, TN
TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

JOB NO.	WK. ORDER	DESIGNED:	DRAWN:	SCALE:	DATE:	REV. #	DESCRIPTION:
18190	1349	FLR	FLR	1"=50'	JANUARY 14, 2019		

PRESENT LAYOUT

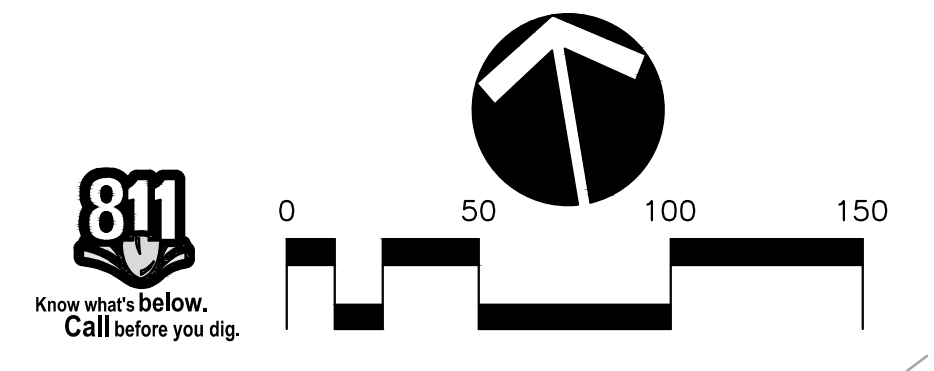


BEGIN PROJECT
 CRITZ LANE STA. 100+00.00
 N 539037.2126
 E 1707850.4405

CANTERBURY SECTION 14

AVENUE DOWNS

SEE SHEET 3 FOR DRAINAGE INFORMATION
 SEE SHEET 6 FOR ROUNDABOUT LAYOUT



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CRITZ LANE IMPROVEMENTS
 FOR
TOWN OF THOMPSON'S STATION, TN
 TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

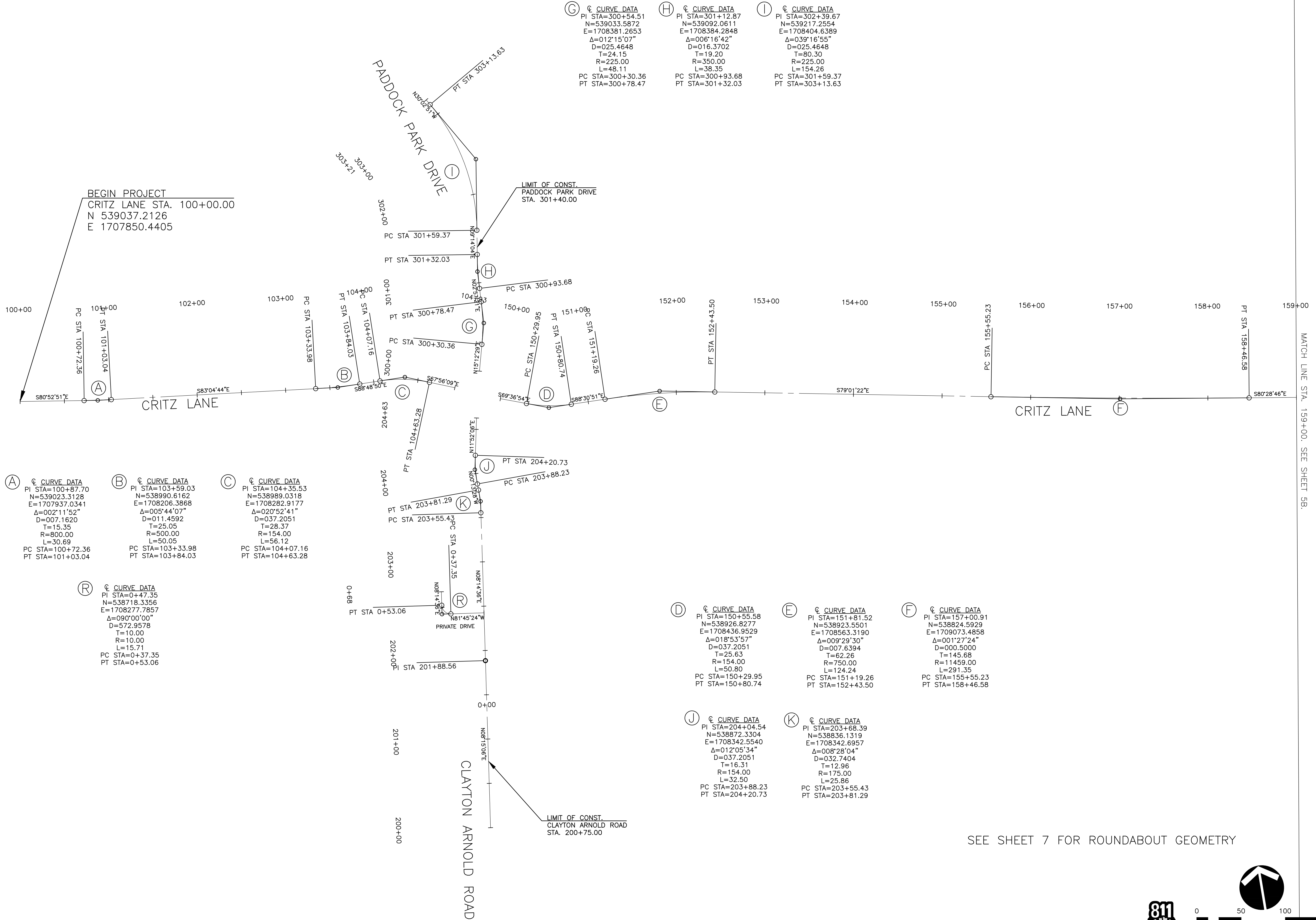
JOB NO.	WK. ORDER	DESIGNED:	DRAWN:	SCALE:	DATE:	REV.	DATE:	DESCRIPTION:
18190	1349	FLR	FLR	1"=50'	JANUARY 14, 2019			

PROPOSED LAYOUT

4A

CRITZ LANE IMPROVEMENTS AND ROUNDABOUT LAYOUT, AS PROPOSED AND SHOWN ON THIS SHEET, IS THE PROPERTY OF RAGAN SMITH & ASSOCIATES, INC. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. WITHOUT THE WRITTEN PERMISSION OF RAGAN SMITH & ASSOCIATES, INC.

CRITZ LANE IMPROVEMENTS AND THOMPSON'S STATION, TN
PLOTTED BY: GREGORY W. BISHOP DATE: 1/14/2019 10:58:18 AM



G @ CURVE DATA
 PI STA=300+54.51
 N=539033.5872
 E=1708381.2653
 $\Delta=012^{\circ}15'07''$
 D=025.4648
 T=24.15
 R=225.00
 L=48.11
 PC STA=300+30.36
 PT STA=300+78.47

H @ CURVE DATA
 PI STA=301+12.87
 N=539092.0611
 E=1708384.2848
 $\Delta=006^{\circ}16'42''$
 D=016.3702
 T=19.20
 R=350.00
 L=38.35
 PC STA=300+93.68
 PT STA=301+32.03

I @ CURVE DATA
 PI STA=302+39.67
 N=539217.2554
 E=1708404.6389
 $\Delta=039^{\circ}16'55''$
 D=025.4648
 T=80.30
 R=225.00
 L=154.26
 PC STA=301+59.37
 PT STA=303+13.63

A @ CURVE DATA
 PI STA=100+87.70
 N=539023.3128
 E=1707937.0341
 $\Delta=002^{\circ}11'52''$
 D=007.1620
 T=15.35
 R=800.00
 L=30.89
 PC STA=100+72.36
 PT STA=101+03.04

B @ CURVE DATA
 PI STA=103+59.03
 N=538990.6162
 E=1708206.3868
 $\Delta=005^{\circ}44'07''$
 D=011.4592
 T=25.05
 R=500.00
 L=50.05
 PC STA=103+33.98
 PT STA=103+84.03

C @ CURVE DATA
 PI STA=104+35.53
 N=538989.0318
 E=1708282.9177
 $\Delta=020^{\circ}52'41''$
 D=037.2051
 T=28.37
 R=154.00
 L=56.12
 PC STA=104+07.16
 PT STA=104+63.28

R @ CURVE DATA
 PI STA=0+47.35
 N=538718.3356
 E=1708277.7857
 $\Delta=090^{\circ}00'00''$
 D=572.9578
 T=10.00
 R=15.71
 PC STA=0+37.35
 PT STA=0+53.06

D @ CURVE DATA
 PI STA=150+55.58
 N=538926.8277
 E=1708436.9529
 $\Delta=018^{\circ}53'57''$
 D=037.2051
 T=25.63
 R=154.00
 L=50.80
 PC STA=150+29.95
 PT STA=150+80.74

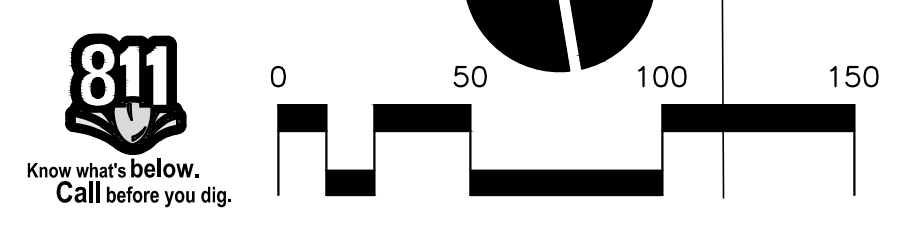
E @ CURVE DATA
 PI STA=151+81.52
 N=538923.5501
 E=1708563.3190
 $\Delta=009^{\circ}29'30''$
 D=007.6394
 T=62.26
 R=750.00
 L=124.24
 PC STA=151+19.26
 PT STA=152+43.50

F @ CURVE DATA
 PI STA=157+00.91
 N=538824.5929
 E=1709073.4858
 $\Delta=001^{\circ}27'24''$
 D=000.5000
 T=145.68
 R=11459.00
 L=291.35
 PC STA=155+55.23
 PT STA=158+46.58

J @ CURVE DATA
 PI STA=204+04.54
 N=538872.3304
 E=1708342.5540
 $\Delta=012^{\circ}05'34''$
 D=037.2051
 T=16.31
 R=154.00
 L=32.50
 PC STA=203+88.23
 PT STA=204+20.73

K @ CURVE DATA
 PI STA=203+68.39
 N=538836.1319
 E=1708342.6957
 $\Delta=008^{\circ}28'04''$
 D=032.7404
 T=12.96
 R=175.00
 L=25.86
 PC STA=203+55.43
 PT STA=203+81.29

SEE SHEET 7 FOR ROUNDABOUT GEOMETRY



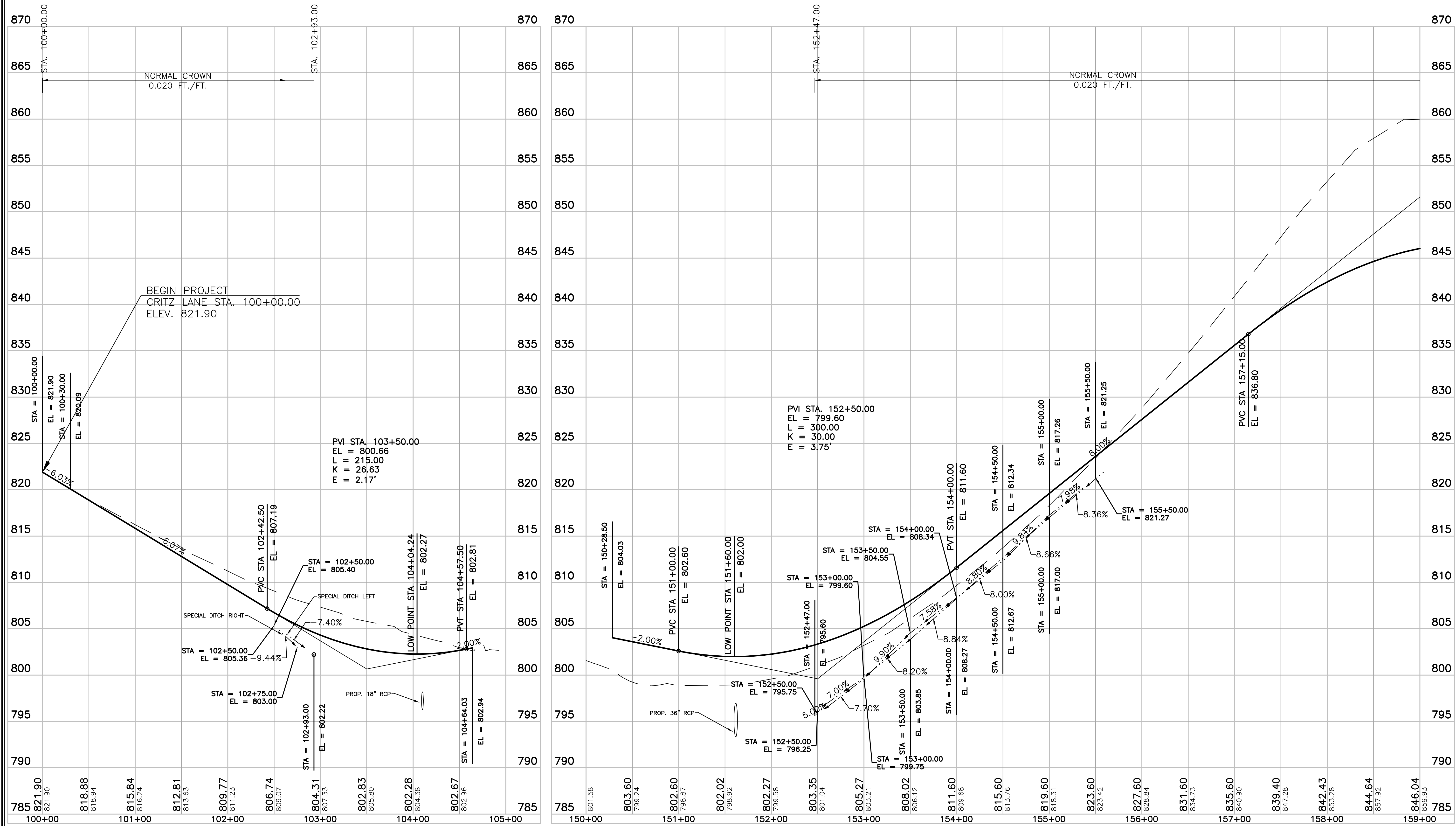
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CRITZ LANE IMPROVEMENTS
 FOR
TOWN OF THOMPSON'S STATION, TN
 TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

JOB NO.	WK. ORDER	DESIGNED:	DRAWN:	SCALE:	DATE:	REV. #	DESCRIPTION:
18190	1349	FLR	FLR	1"=50'	JANUARY 14, 2019		

GEOMETRIC LAYOUT
4B



CRITZ LANE IMPROVEMENTS

FOR

TOWN OF THOMPSON'S STATION, TN

TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

JOB NO.	WK. ORDER	DESIGNED:	DRAWN:	SCALE:	DATE	DESCRIPTION:
18190	1349	FLR	FLR	AS SHOWN	JANUARY 14, 2019	

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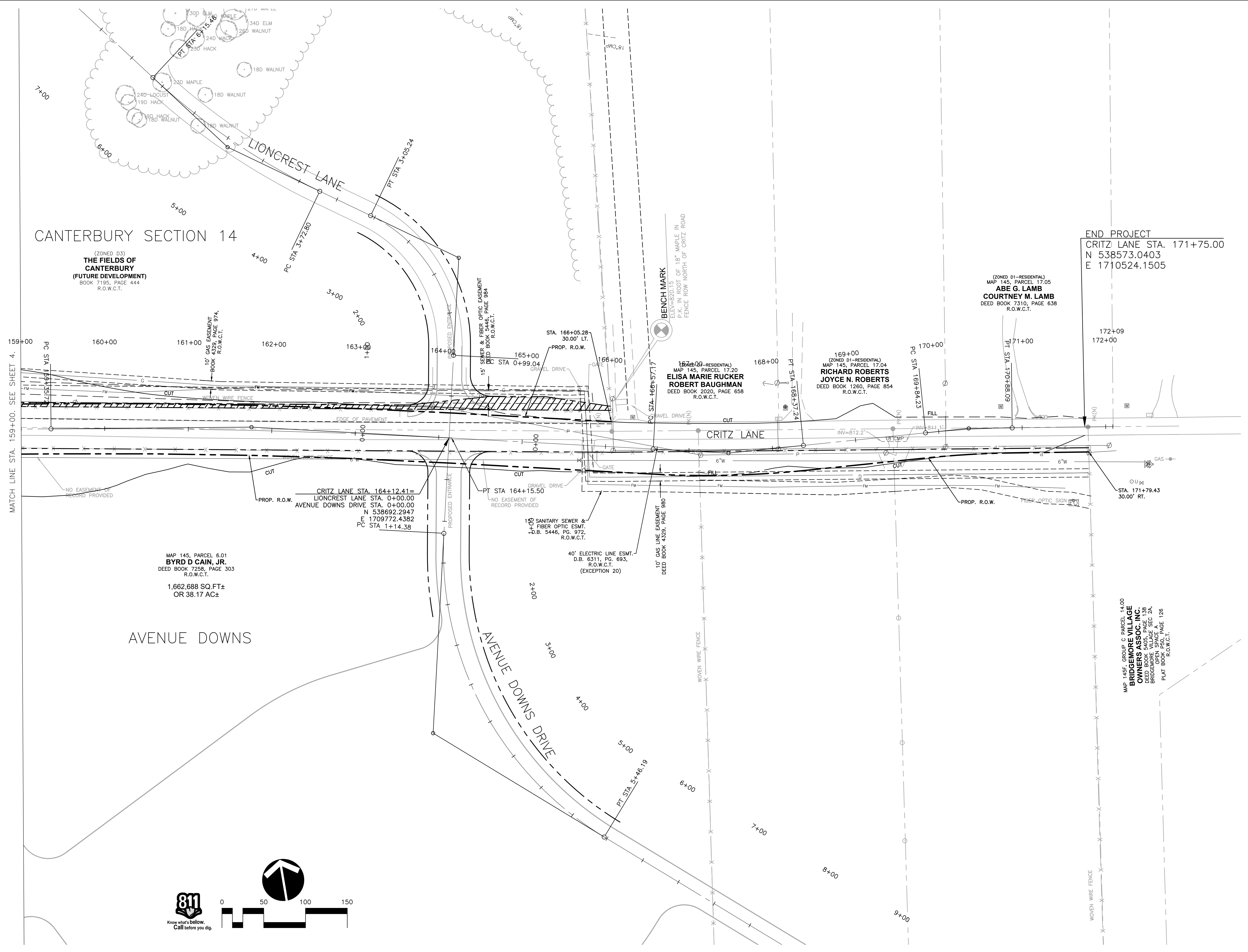
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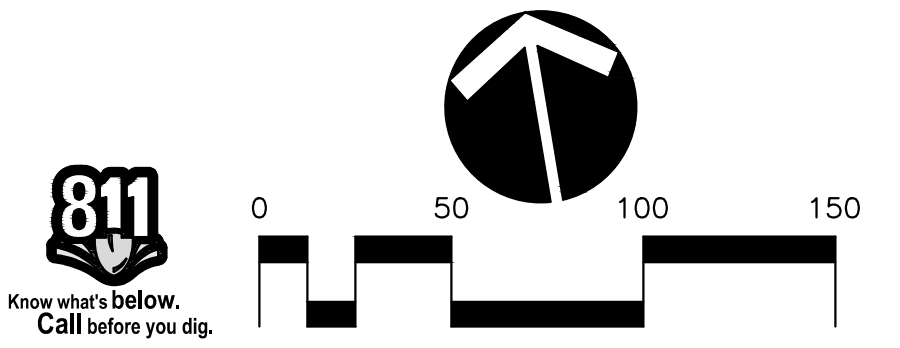
CRITZ LANE IMPROVEMENTS
 FOR
TOWN OF THOMPSON'S STATION, TN
 TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

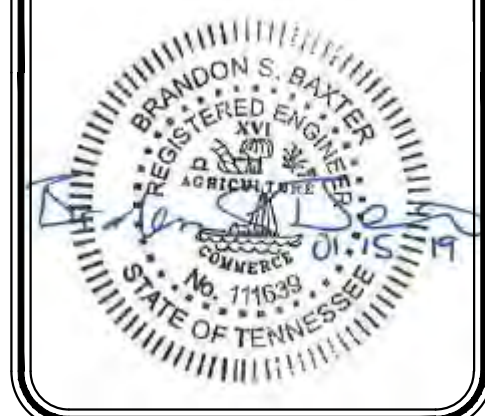
WK. ORDER	1349	FLR	FLR	FLR	1"=50'	DATE	DESCRIPTION
JOB NO.	18190	DESIGNED:	FLR	DRAWN:	FLR	DATE	JANUARY 14, 2019
REV. #							

PRESENT LAYOUT
5



CIVIL AND LAND TRANSDISCIPLINARY AGREEMENT: RAGAN SMITH, A. PRESENTLY A PROFESSIONAL ENGINEER AND LANDSCAPE ARCHITECT, HAS ASSOCIATED WITH HIMSELF AS A SURVEYOR. THIS AGREEMENT IS NOT VALID UNLESS IT IS SIGNED BY THE SURVEYOR. DATE: 1/14/2019 11:28 AM. LAST UPDATED BY: GREGORY W. HARRIS 1/14/2019 11:28 AM.



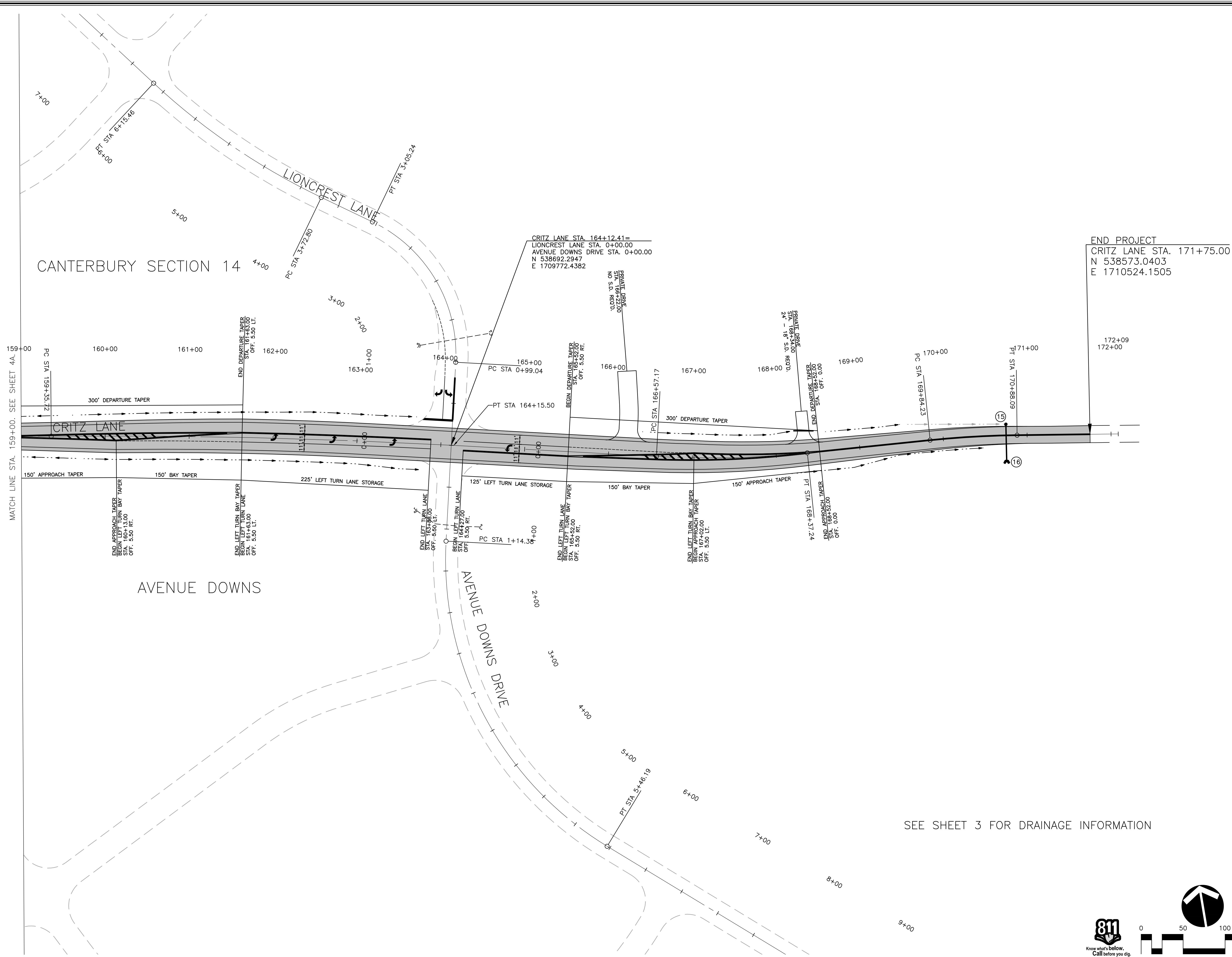


CRITZ LANE IMPROVEMENTS
 FOR
TOWN OF THOMPSON'S STATION, TN
 TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

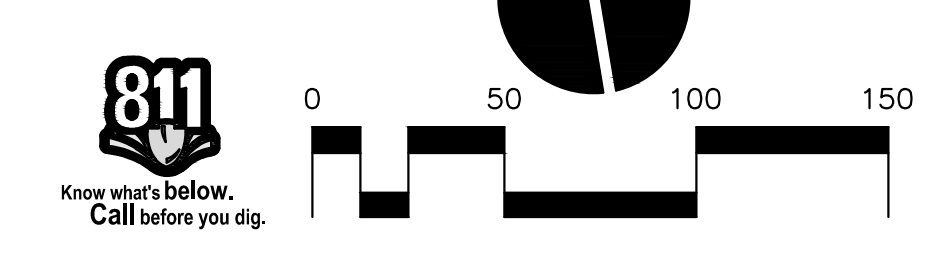
JOB NO.	18190	DESIGNED:	FLR	DRAWN:	FLR	SCALE:	1"=50'	DATE:	JANUARY 14, 2019	REV. #	DESCRIPTION:
WK. ORDER	1349										

PROPOSED LAYOUT

5A



SEE SHEET 3 FOR DRAINAGE INFORMATION



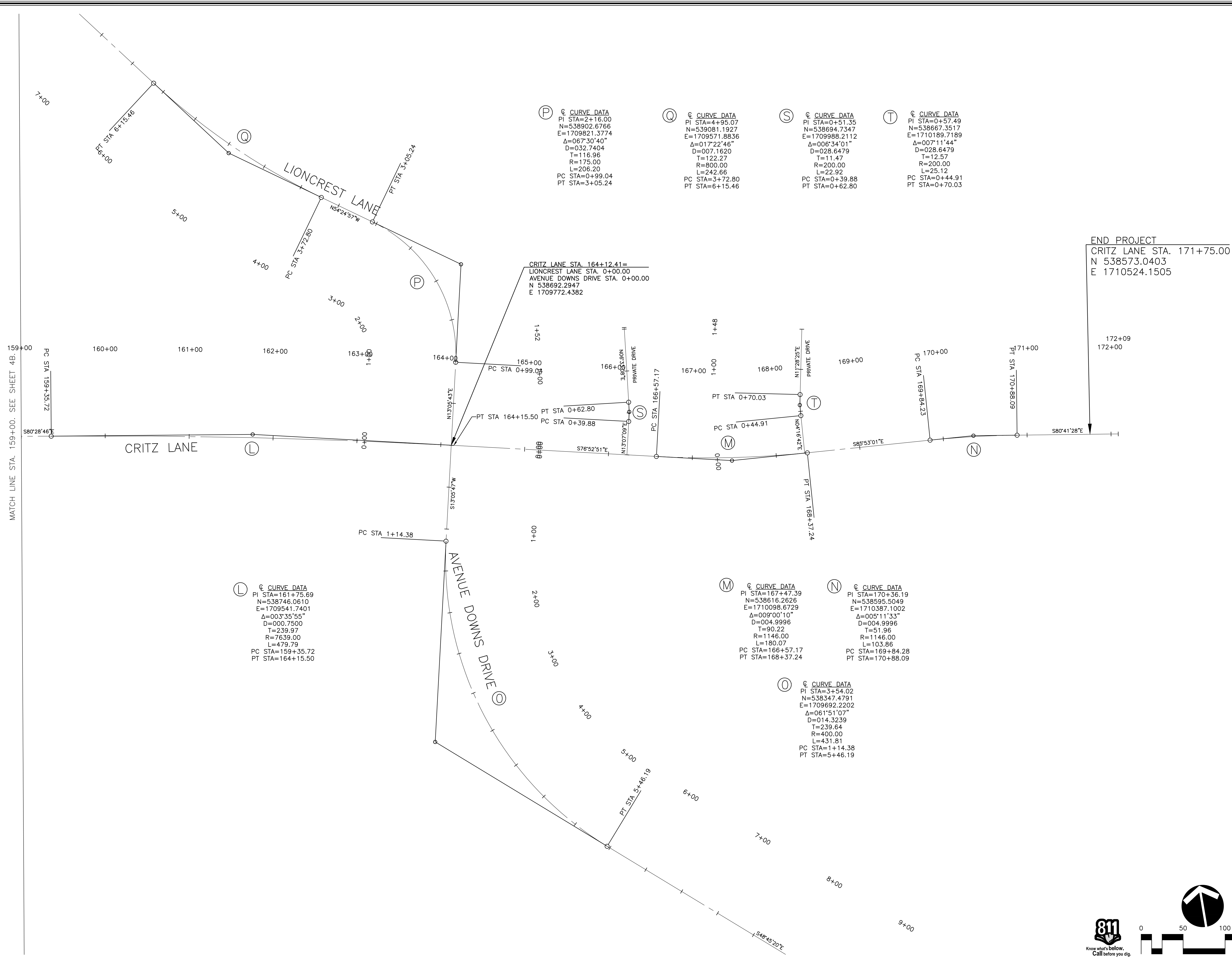
CRITZ LANE IMPROVEMENTS AND DRAINAGE PLAN, AS PROPOSED AND SHOWN. PLOTTED BY: GARDNER ON 1/15/2019 8:54 AM. LAST UPDATED BY: GARDNER ON 1/15/2019 8:54 AM.



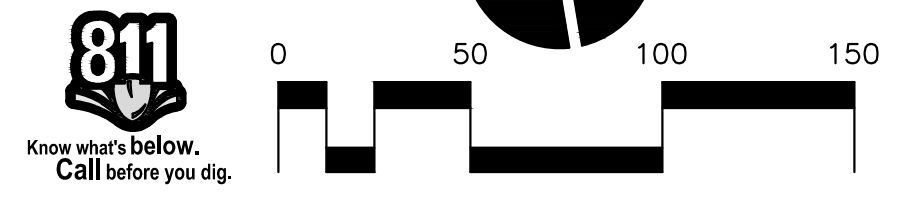
CRITZ LANE IMPROVEMENTS
 FOR
TOWN OF THOMPSON'S STATION, TN
 TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

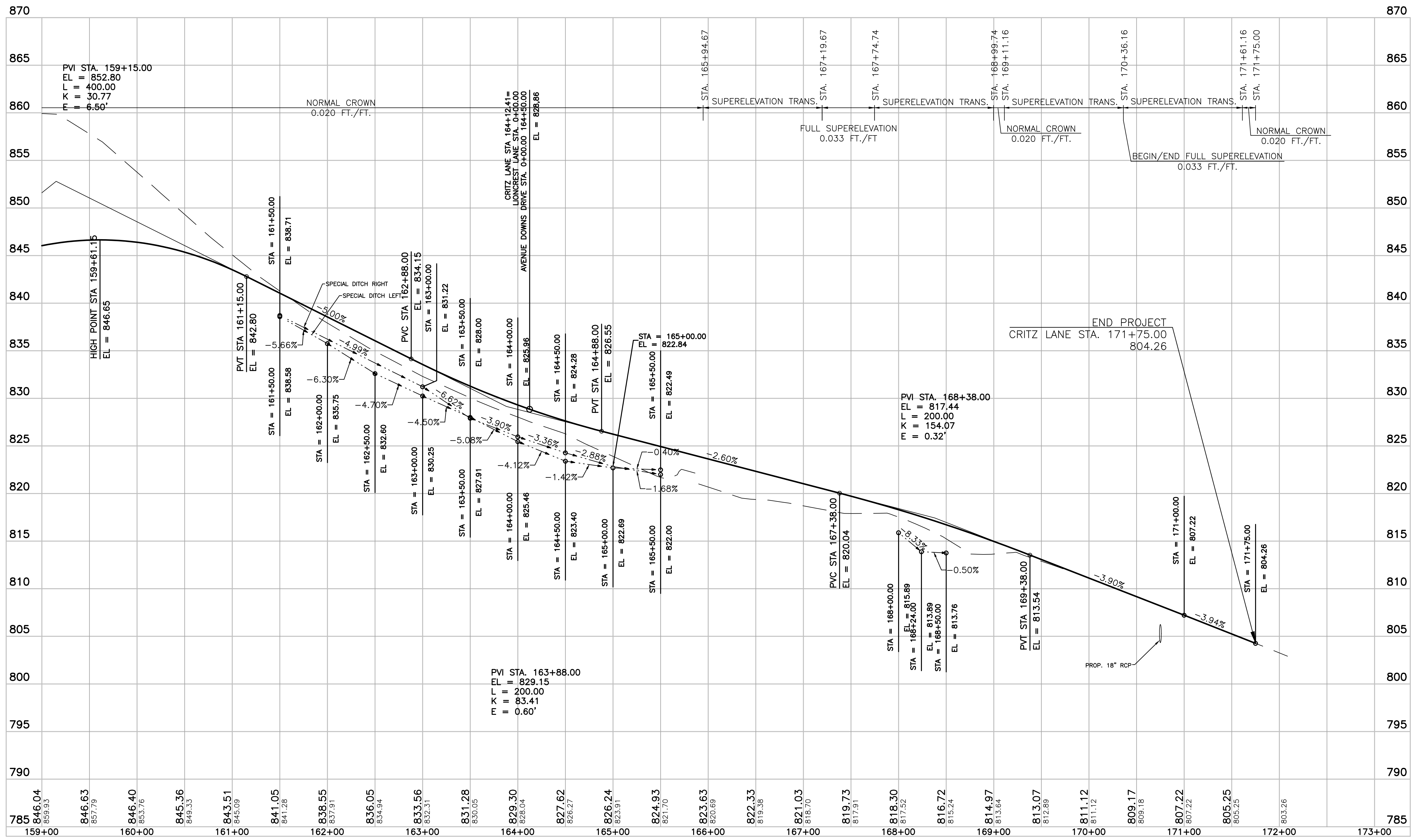
WK. ORDER	NO.	DATE	DESCRIPTION
1349			

JOB NO. 18190
 DESIGNED: FLR
 DRAWN: FLR
 SCALE: 1"=50'
 DATE: JANUARY 14, 2019
GEOMETRIC LAYOUT
5B



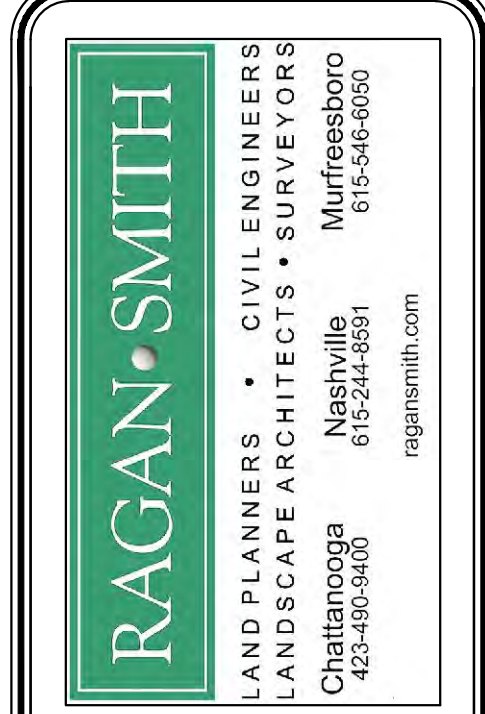
CRITZ LANE IMPROVEMENTS AND TOWN OF THOMPSON'S STATION, TN, GEOMETRIC LAYOUT
 PLOTTED BY: GREGORY W. BARNETT, DATE: 1/14/2019, 11:02:18 AM, LAST UPDATED BY: GREGORY W. BARNETT, 1/14/2019, 11:02:18 AM





CRITZ LANE IMPROVEMENTS AND RECONSTRUCTION PROJECT
 PLOTTED BY: GREGORY W. HARRIS
 DATE: JANUARY 14, 2019 11:57 AM

SCALE:
 1" = 50' HORIZONTAL
 1" = 5' VERTICAL

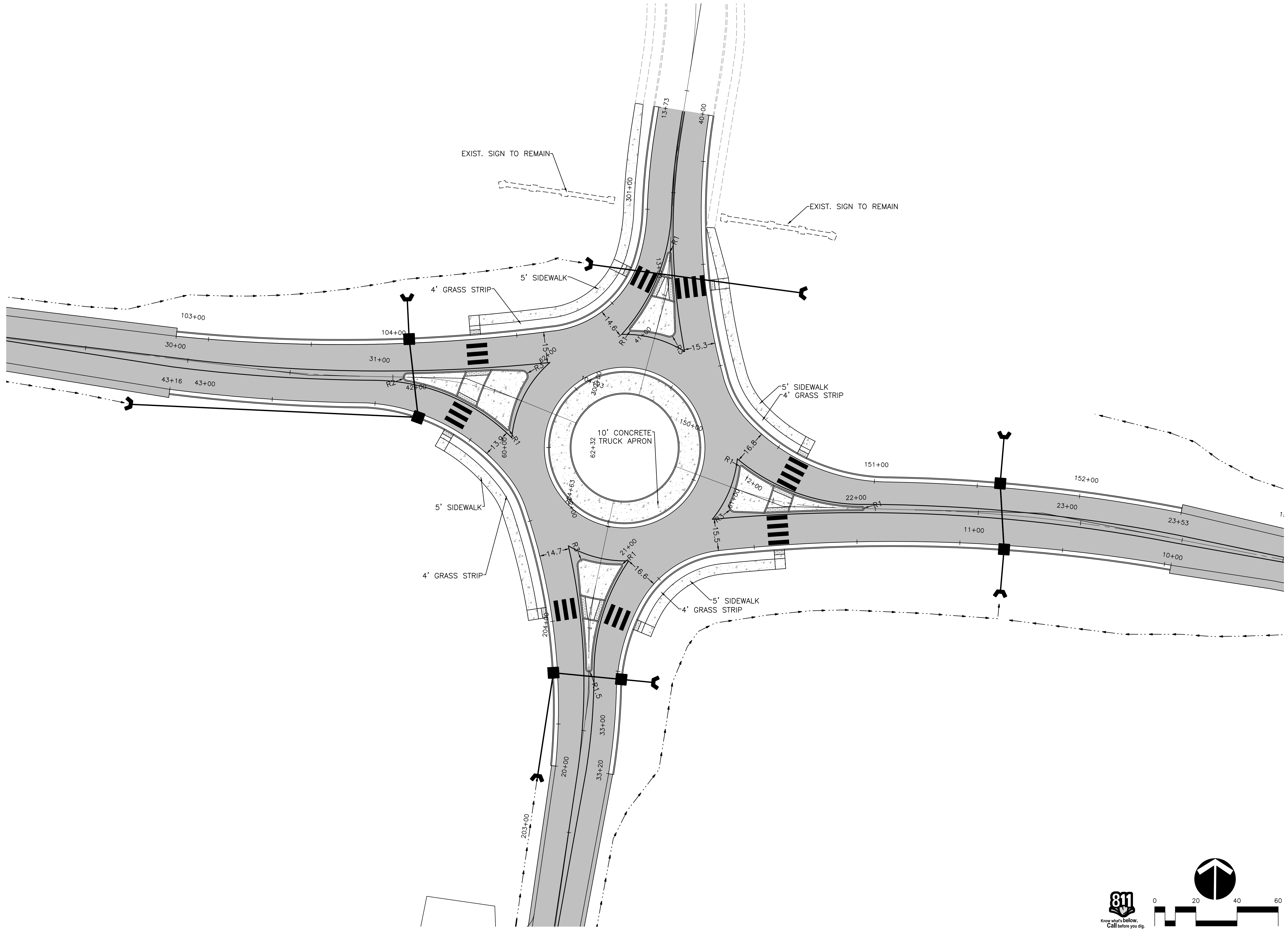


CRITZ LANE IMPROVEMENTS
 FOR
TOWN OF THOMPSON'S STATION, TN
 TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

JOB NO.	WK. ORDER	DESIGNED:	DRAWN:	SCALE:	DATE	REV.	DESCRIPTION:
18190	1349	FLR	FLR	AS SHOWN	JANUARY 14, 2019	#	

PROFILES
5C

CRITZ LANE IMPROVEMENTS AND ROUNDABOUT LAYOUT
 PLOTTED BY GARDNER ON 1/10/2019 11:23 AM. LAST UPDATED BY GARDNER 1/10/2019 11:23 AM



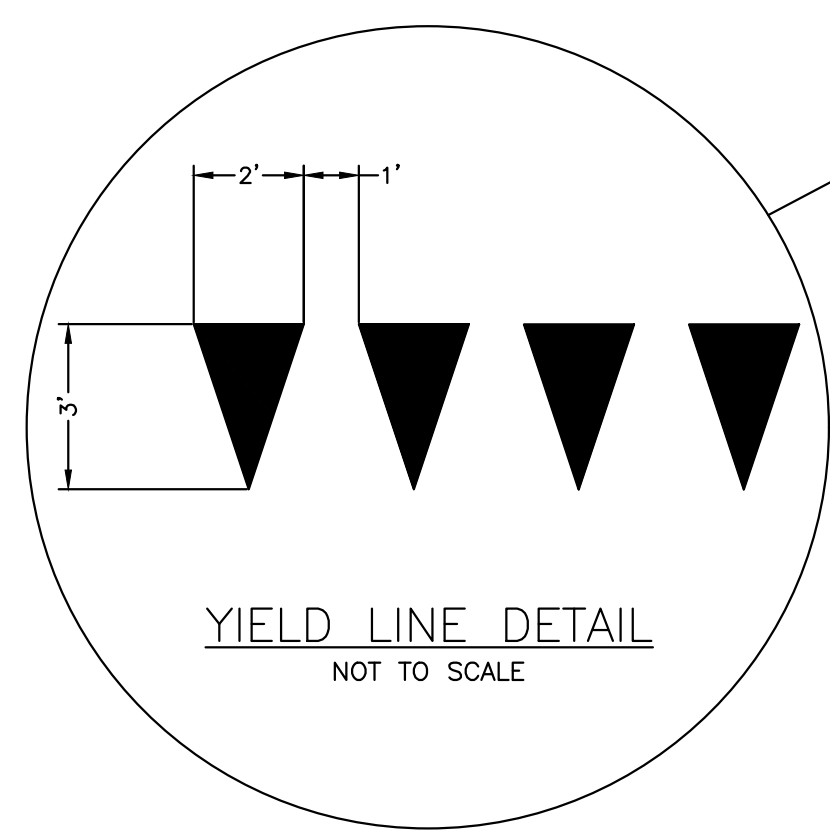
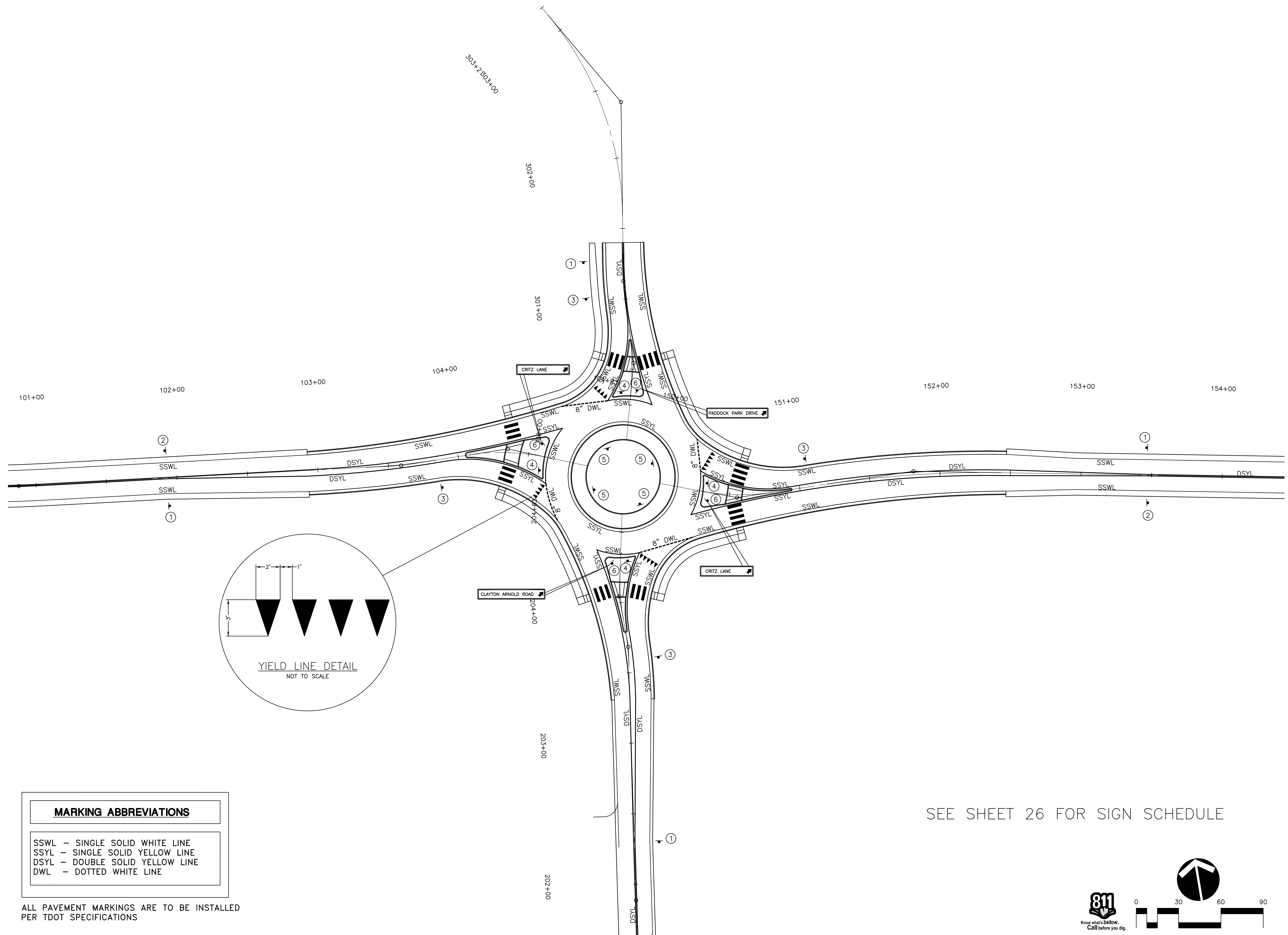
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 Murfreesboro 615-546-9050
 ragan@smith.com



CRITZ LANE IMPROVEMENTS
 FOR
TOWN OF THOMPSON'S STATION, TN
 TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

JOB NO.	WK. ORDER	DESIGNED:	DRAWN:	SCALE:	DATE:	REV.	DESCRIPTION:
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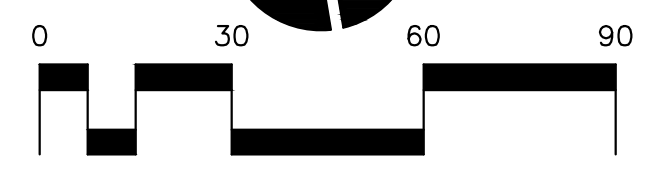
ROUNDABOUT LAYOUT



MARKING ABBREVIATIONS	
SSWL	- SINGLE SOLID WHITE LINE
SSYL	- SINGLE SOLID YELLOW LINE
DSYL	- DOUBLE SOLID YELLOW LINE
DWL	- DOTTED WHITE LINE

ALL PAVEMENT MARKINGS ARE TO BE INSTALLED PER TDOT SPECIFICATIONS

SEE SHEET 26 FOR SIGN SCHEDULE



RAGAN SMITH
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 LANDSCAPE ARCHITECTS • SURVEYORS
 Chattanooga, TN 37403
 Nashville, TN 37203
 Murfreesboro, TN 37132
 423-890-9400
 615-544-8591
 615-546-9050
 ragan@smith.com



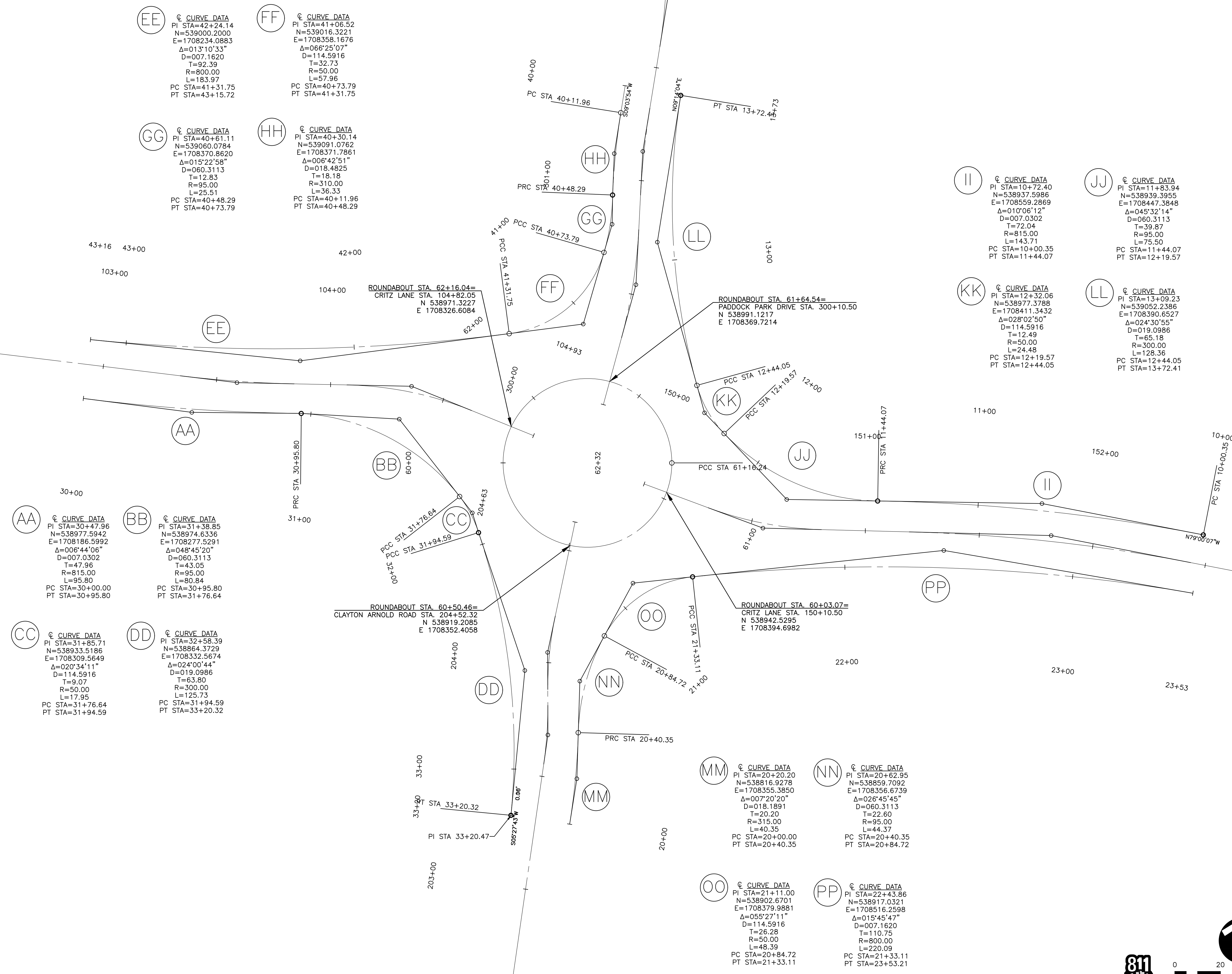
CRITZ LANE IMPROVEMENTS
 FOR
TOWN OF THOMPSON'S STATION, TN
 TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

WK. ORDER	1349	FLR	FLR	FLR	1"=30'	DATE	JANUARY 14, 2019	REV.	DESCRIPTION
JOB NO.	18190	DESIGNED:	DRAWN:	SCALE:	DATE				

ROUNDABOUT SIGNING AND PAVEMENT MARKING PLAN

CLAYTON ARNOLD ROAD IMPROVEMENTS AND ROUNDABOUT MARKING PLAN
 PLOTTED BY: GARDNER ON 11/07/19 10:28 AM. LAST UPDATED BY: GARDNER 11/07/19 10:28 AM

CURVE DATA TRANSMISSIONS AND RECORDS SHALL BE MAINTAINED IN ACCORDANCE WITH THE TYPICAL SPECIFICATIONS FOR ROADWAY CONSTRUCTION, LATEST EDITION, AS PUBLISHED BY THE TOWN OF THOMPSON. THIS PLAN WAS UPDATED BY GREENE ENGINEERING, INC.



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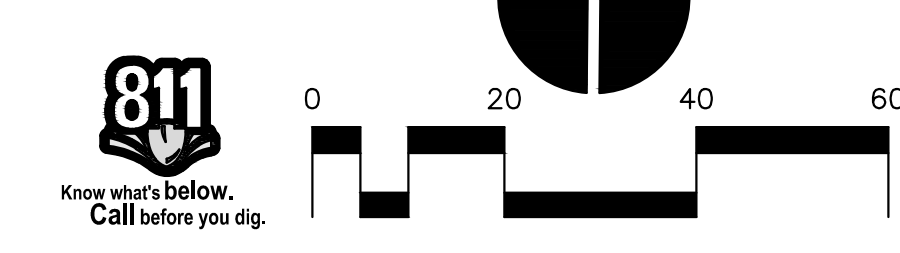


CRITZ LANE IMPROVEMENTS
 FOR
TOWN OF THOMPSON'S STATION, TN
 TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

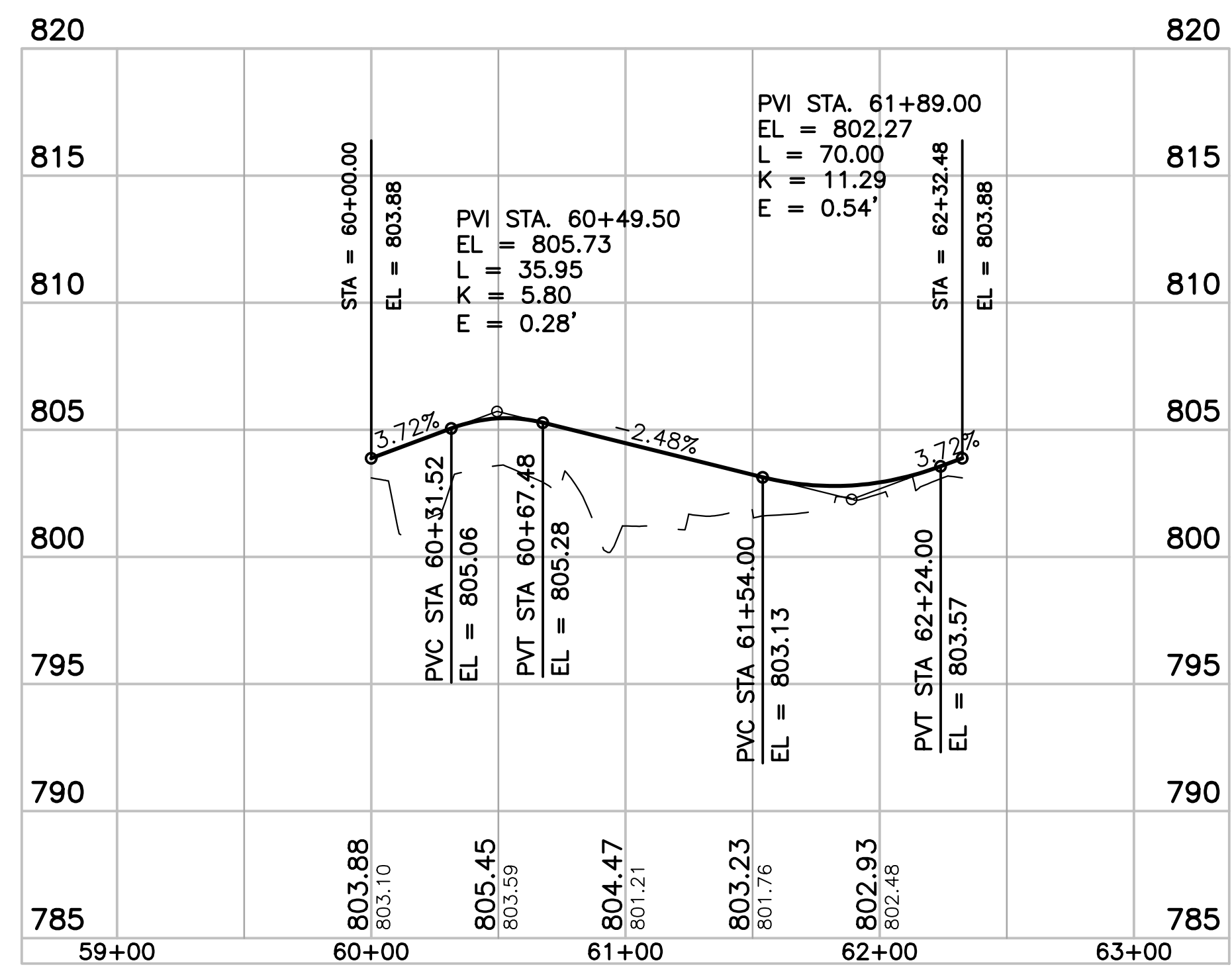
WK. ORDER	FLR	REV.	DATE	DESCRIPTION
1349	FLR			

JOB NO.	DESIGNED	DRAWN	SCALE	DATE
18190	FLR	FLR	1"=20'	JANUARY 14, 2019

ROUNDABOUT GEOMETRIC LAYOUT



CIVIL AND TRANSPORTATION ENGINEERING & ARCHITECTURE
 PLOTTED BY: GARDNER ON 1/15/2019 8:23 AM LAST UPDATED BY: GARDNER ON 1/15/2019 8:23 AM



ROUNDAABOUT
 STA. 60+00.00 TO STA. 62+32.48

SCALE:
 1" = 50' HORIZONTAL
 1" = 5' VERTICAL

CRITZ LANE IMPROVEMENTS
 FOR
TOWN OF THOMPSON'S STATION, TN

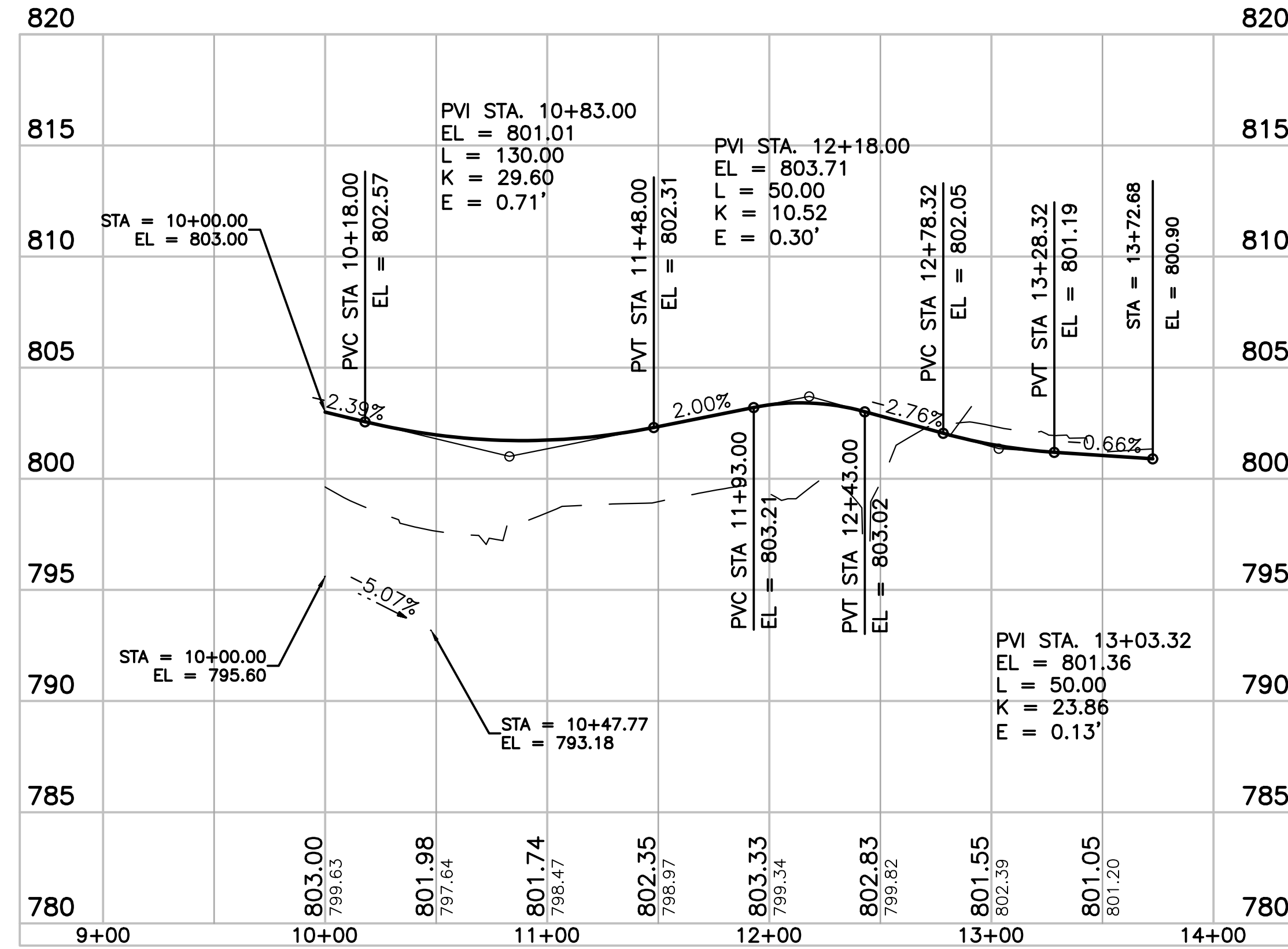
TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

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 Murfreesboro
 423-890-9400
 615-244-8591
 615-546-6050
 ragan@smith.com

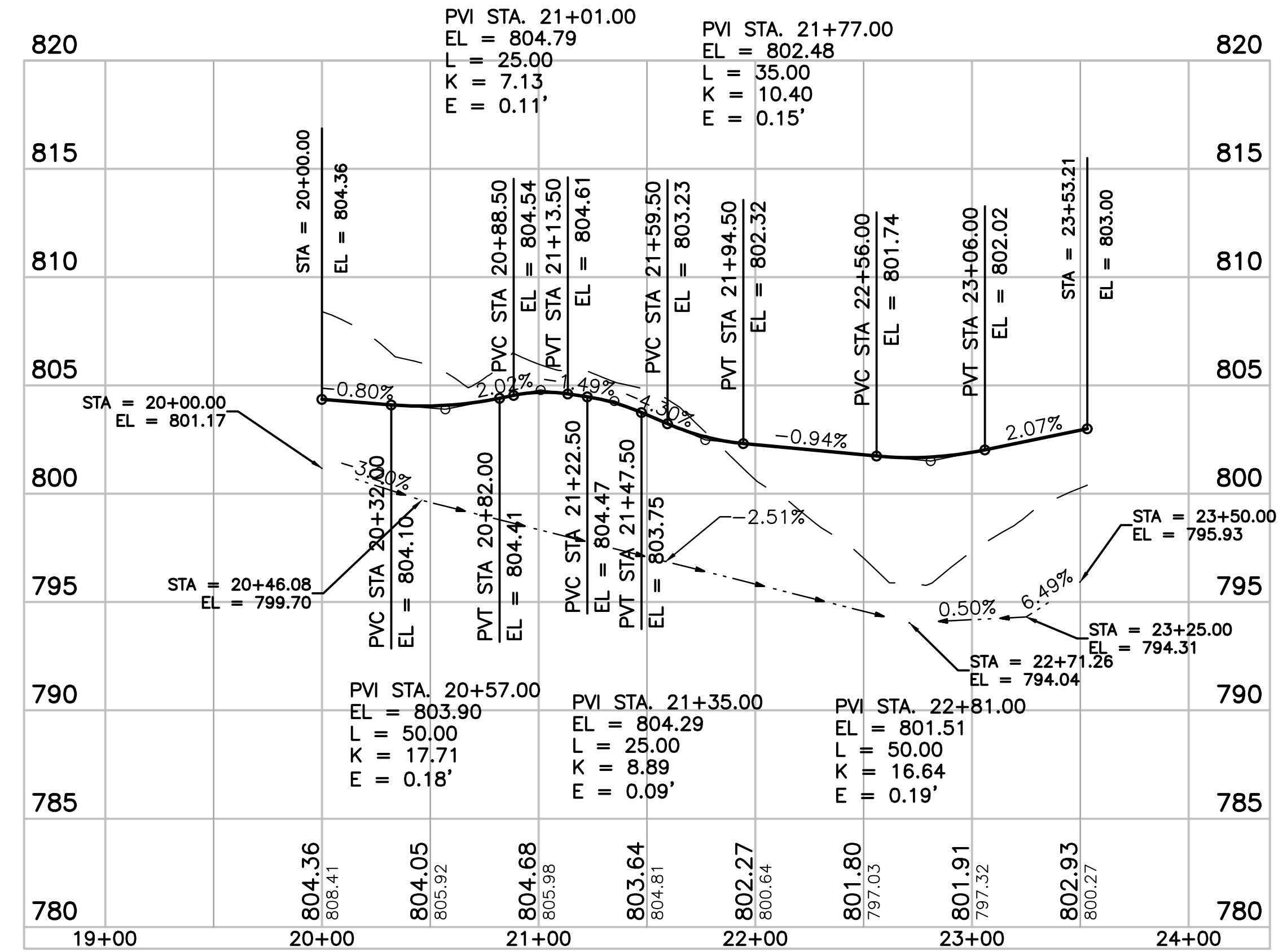


JOB NO.	WK. ORDER	DESIGNED:	DRAWN:	SCALE:	DATE:	REV. #	DATE	DESCRIPTION
18190	1349	FLR	FLR	AS SHOWN	JANUARY 14, 2019			

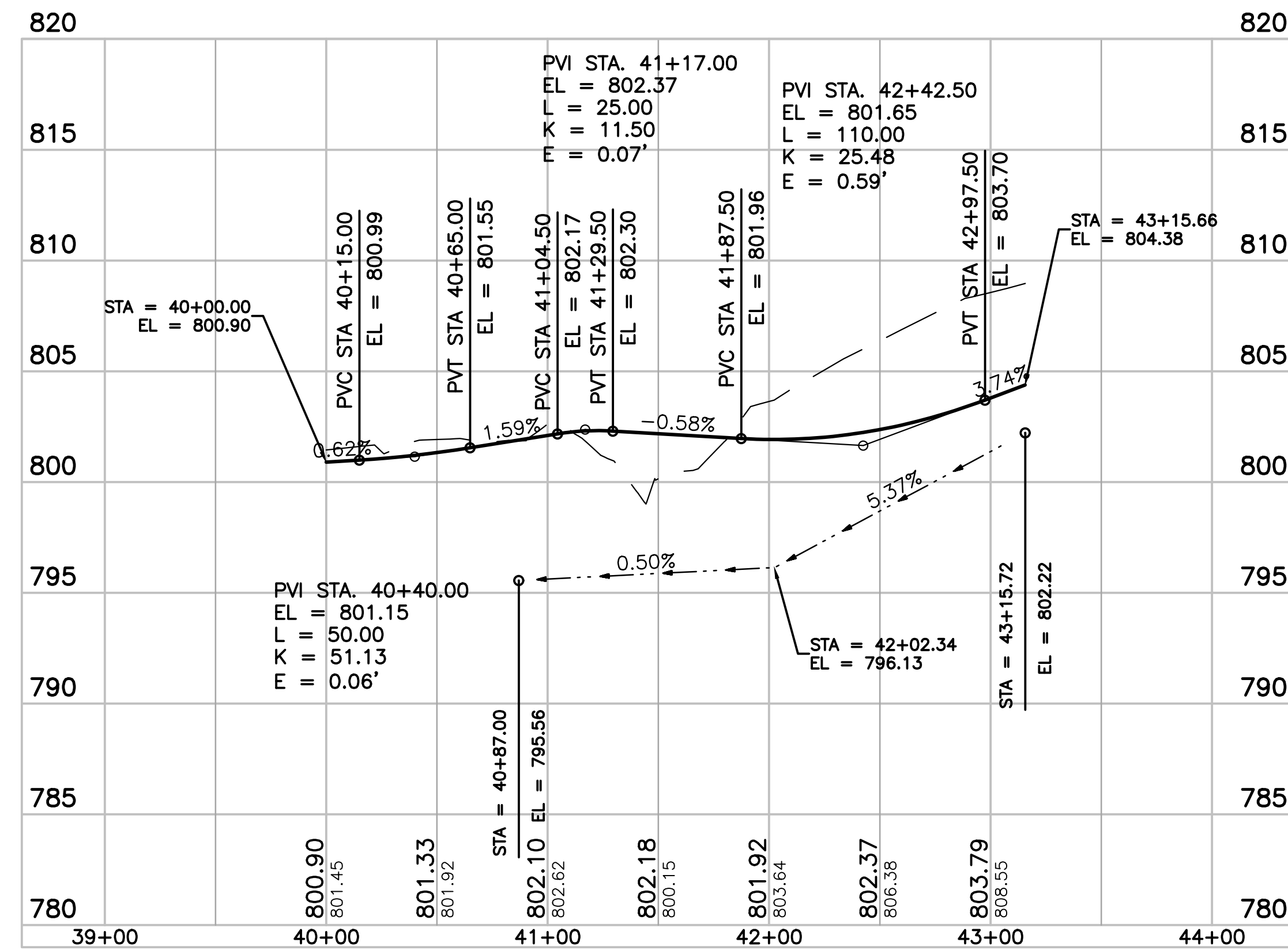
ROUNDAABOUT PROFILE
9



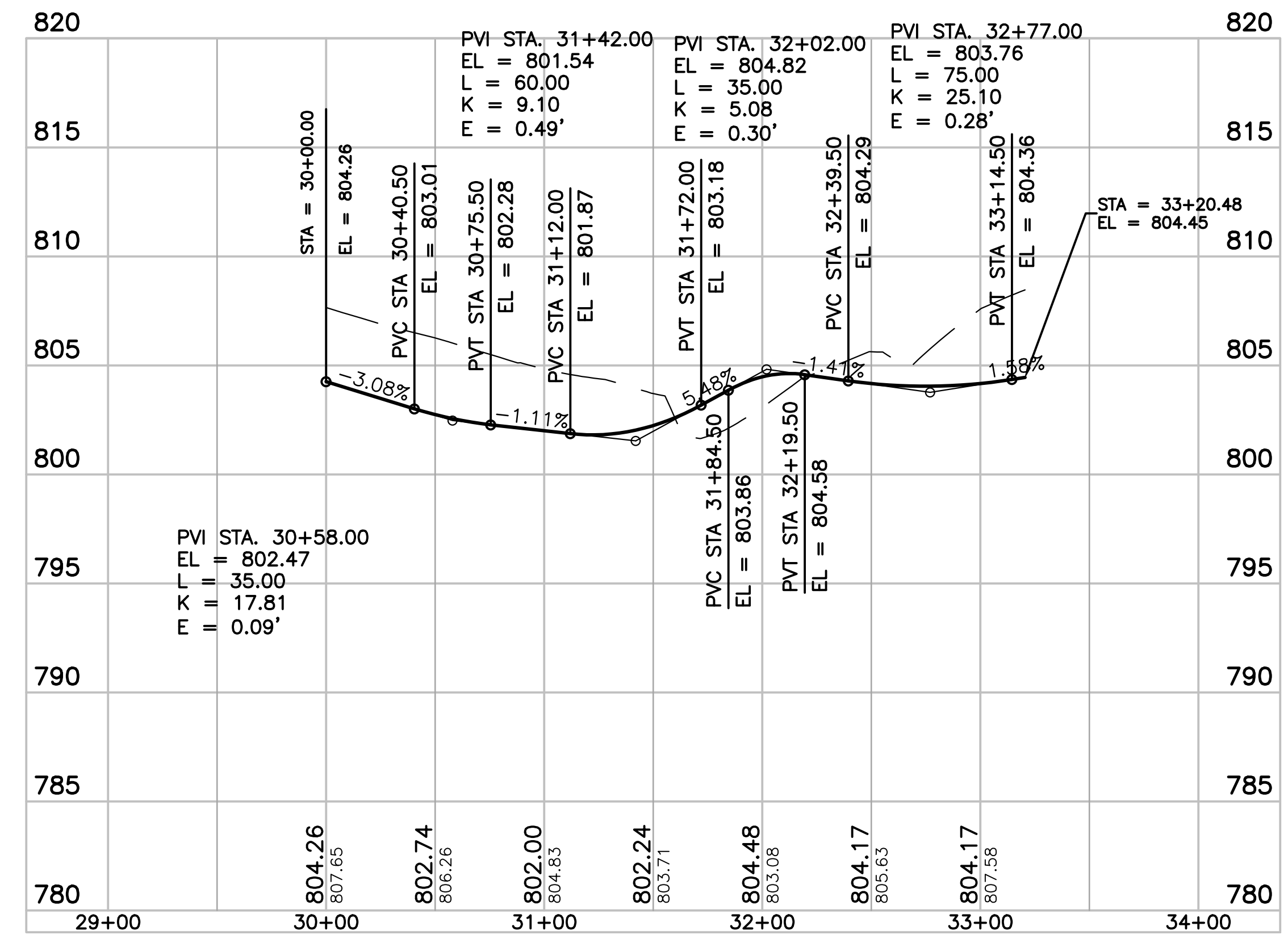
NE QUADRANT
STA. 10+00.00 TO STA. 13+72.68



SE QUADRANT
STA. 20+00.00 TO STA. 23+53.21



NW QUADRANT
STA. 40+00.00 TO STA. 43+15.66



SW QUADRANT
STA. 30+00.00 TO STA. 33+20.48

SCALE:
1" = 50' HORIZONTAL
1" = 5' VERTICAL



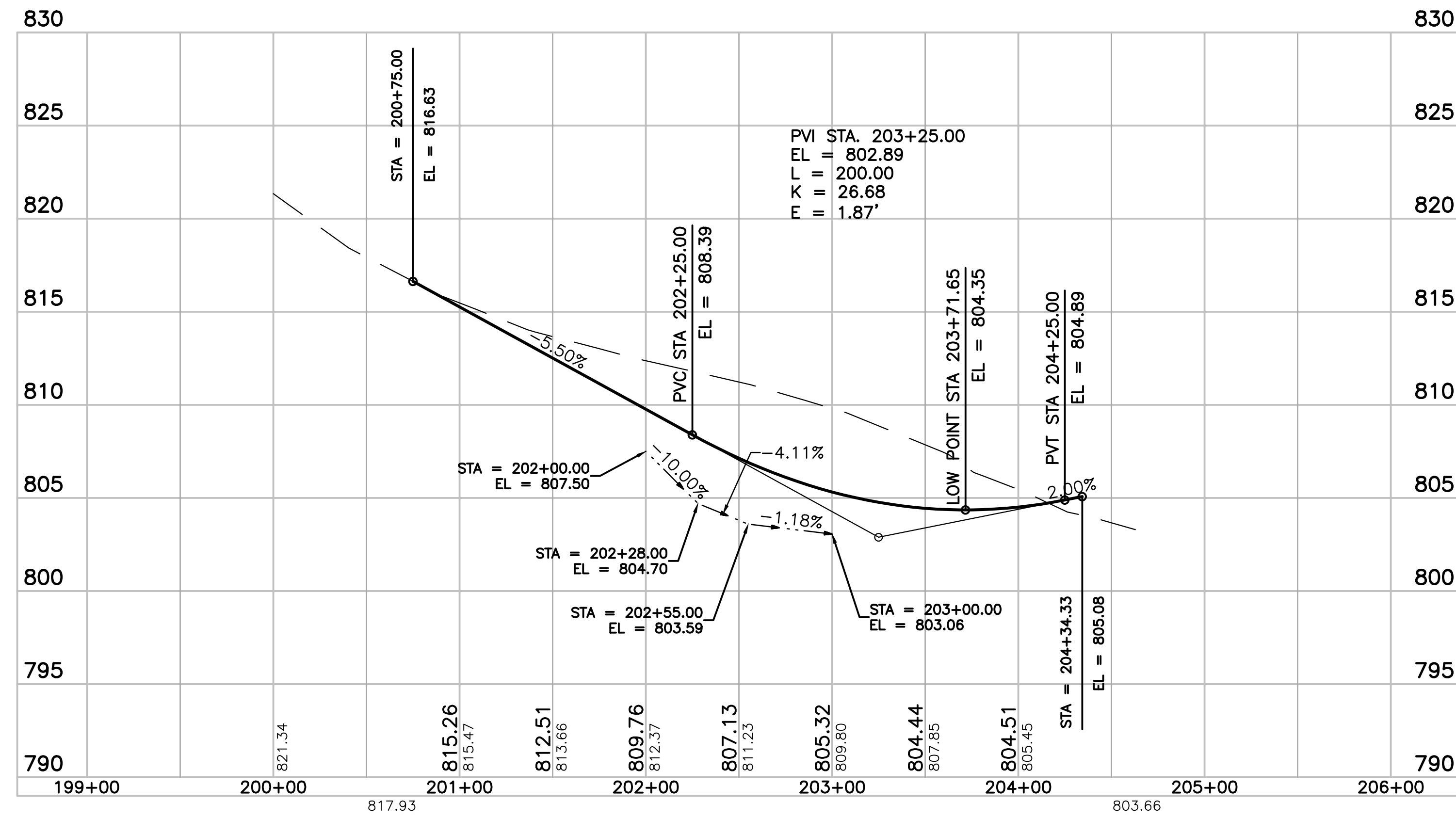
CRITZ LANE IMPROVEMENTS
FOR
TOWN OF THOMPSON'S STATION, TN

TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

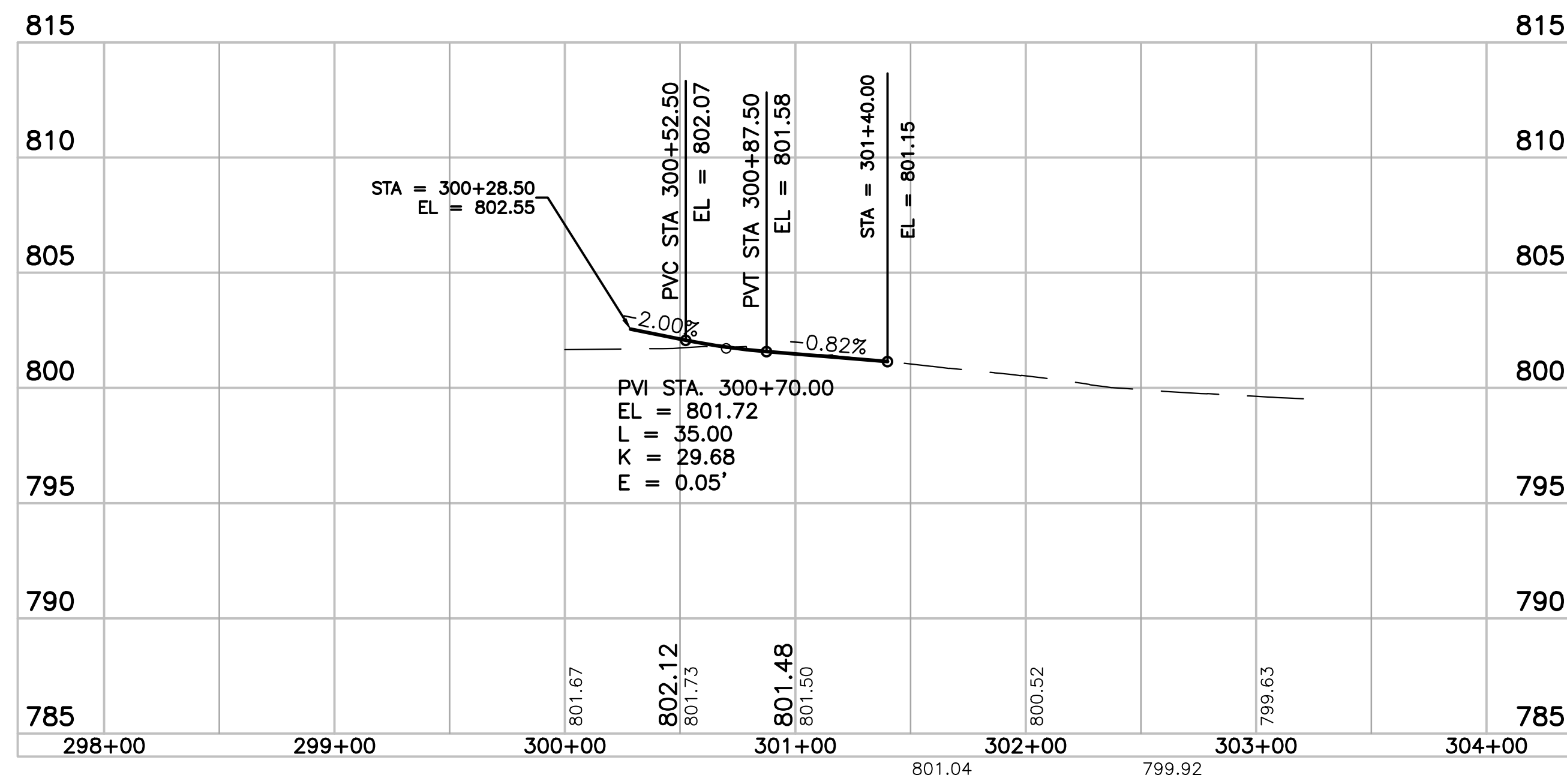
REV. #	DATE	DESCRIPTION

JOB NO. 18190	WK. ORDER 1349	DESIGNED: FLR	FLR	DATE: JANUARY 14, 2019
DRAWN: FLR	AS SHOWN	SCALE:		
QUADRANT PROFILES				
10				

CIVIL AND LANDSCAPE ARCHITECTS AND ENGINEERS
 REGISTERED PROFESSIONAL ENGINEERS
 LICENSE NO. 11659
 STATE OF TENNESSEE
 LAST UPDATED BY USER: VLS01838.PW



CLAYTON ARNOLD ROAD
 STA. 200+00.00 TO STA. 204+34.33



PADDOCK PARK DRIVE
 STA. 300+00.00 TO STA. 301+40.00

SCALE:
 1" = 50' HORIZONTAL
 1" = 5' VERTICAL

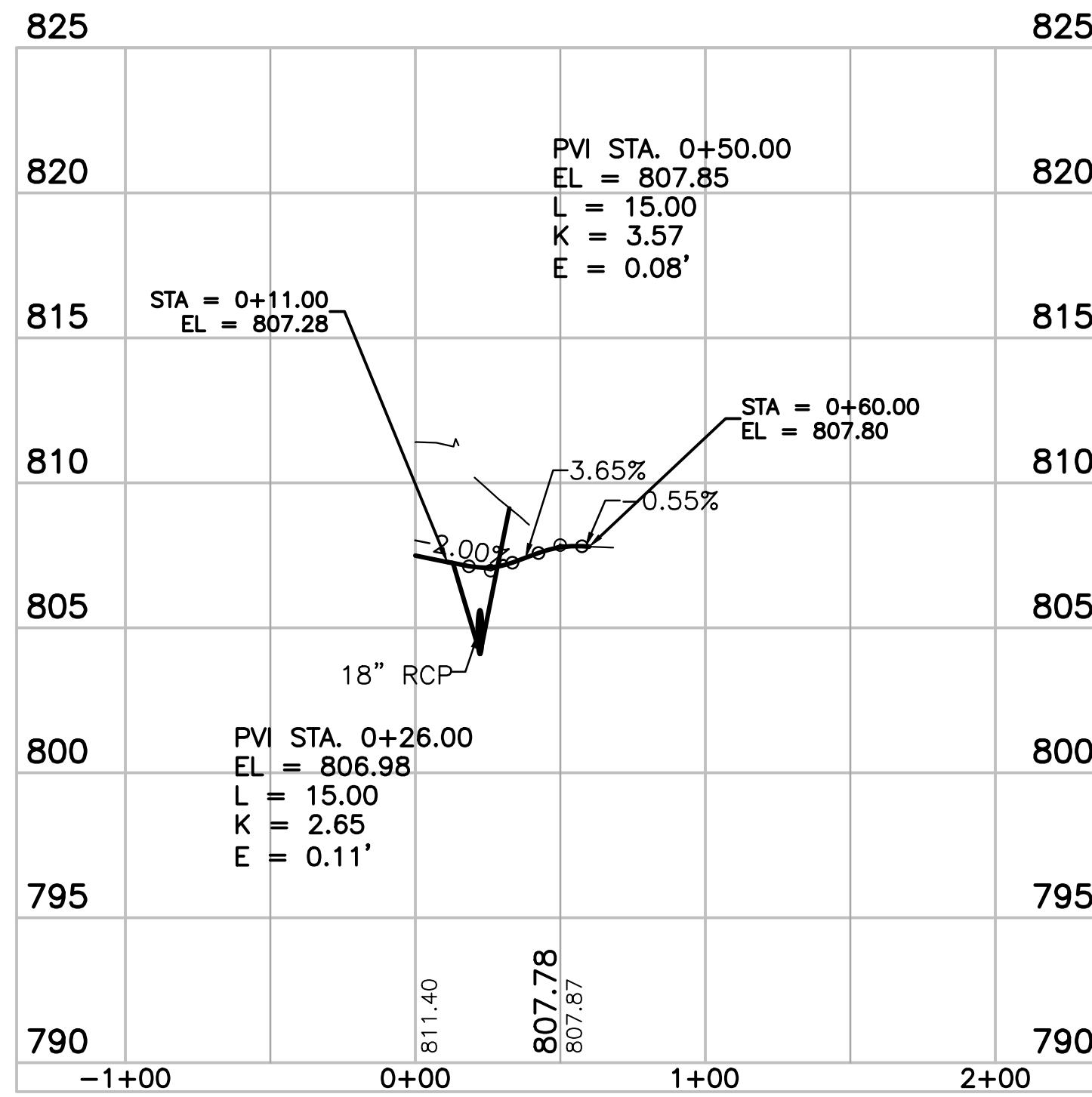


CRITZ LANE IMPROVEMENTS
 FOR
TOWN OF THOMPSON'S STATION, TN

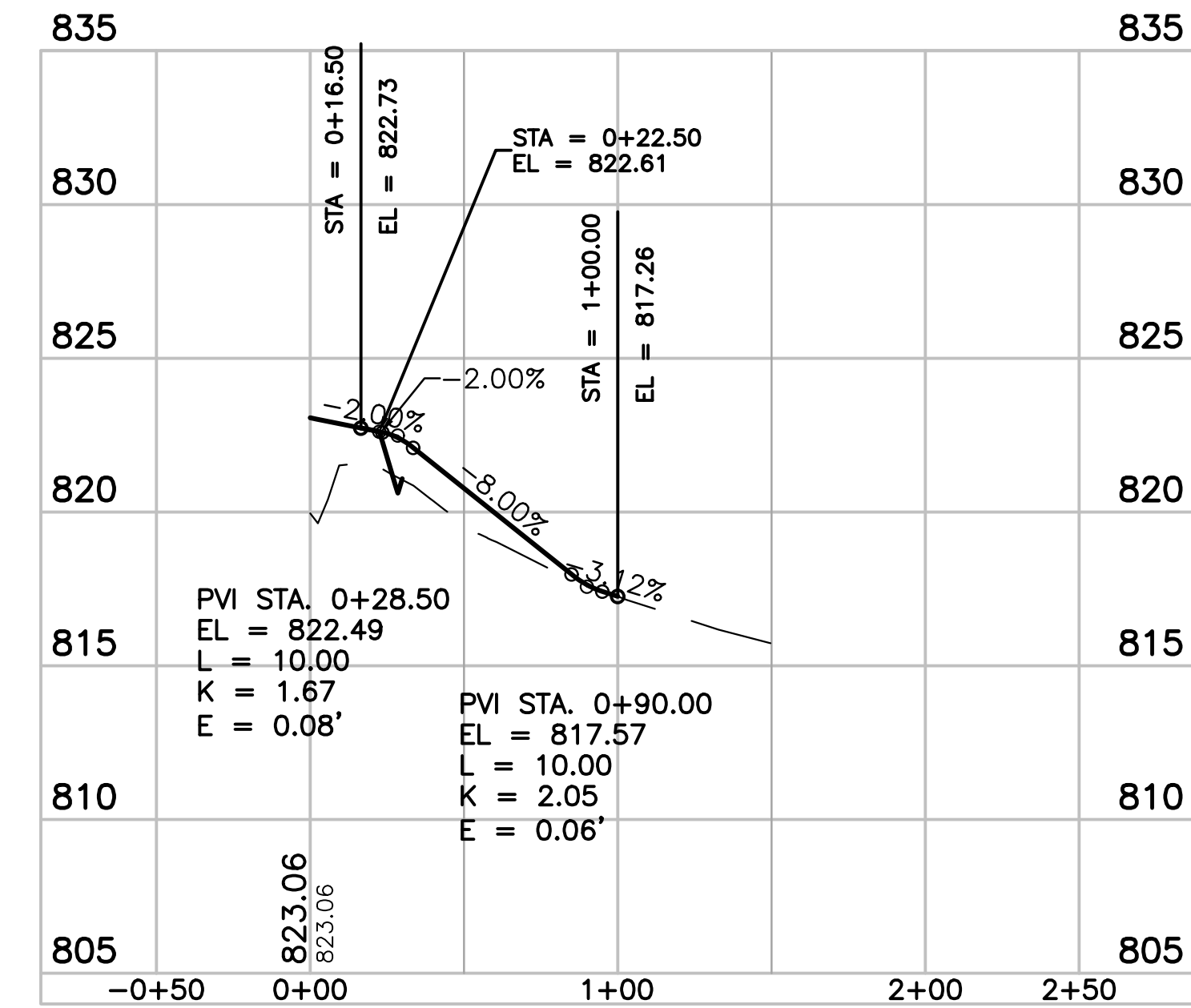
TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

JOB NO.	WK. ORDER	DESIGNED:	DRAWN:	SCALE:	DATE:	REV.	DESCRIPTION:
18190	1349	FLR	FLR	AS SHOWN	JANUARY 14, 2019	#	

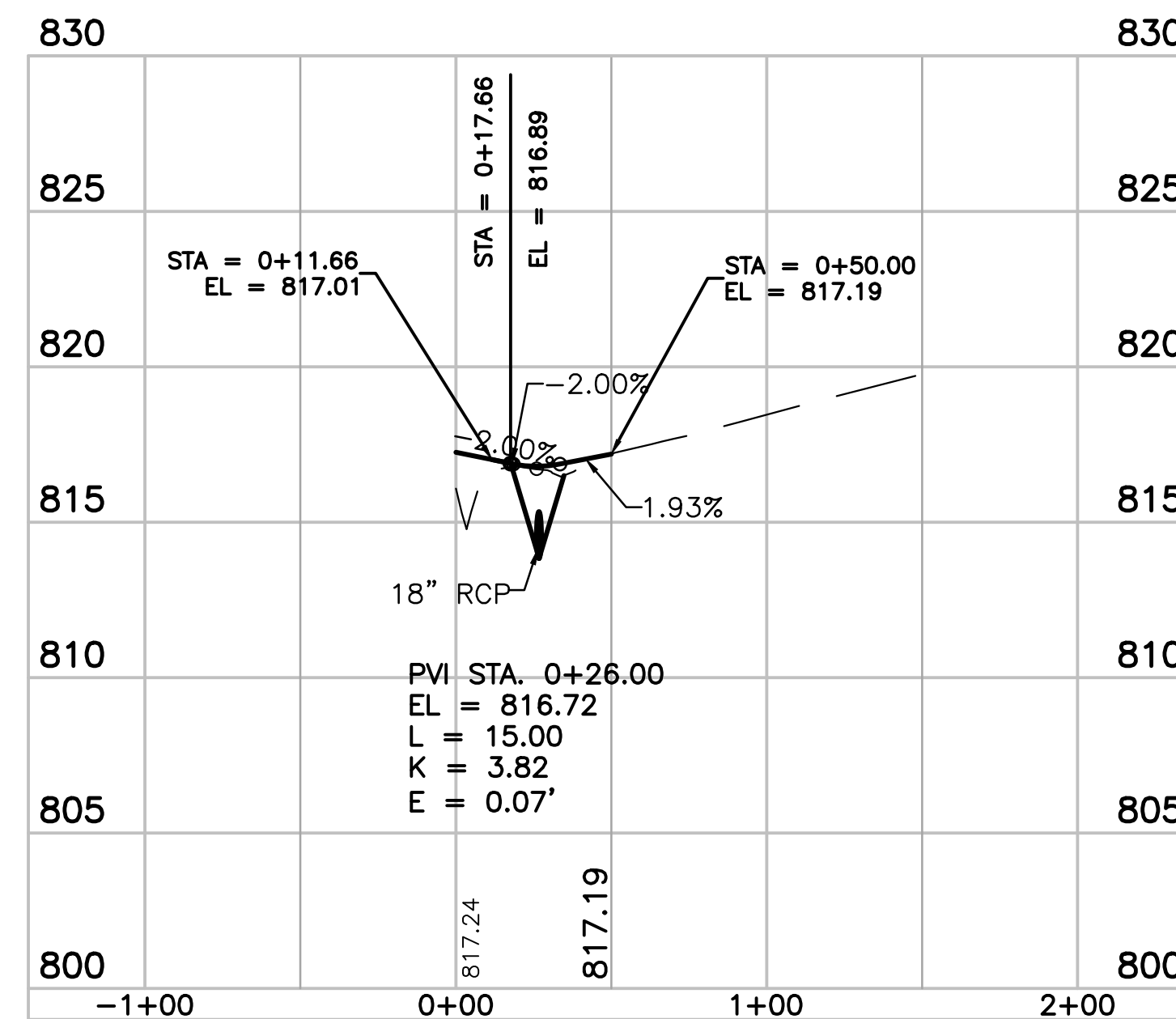
SIDE ROAD
 PROFILES



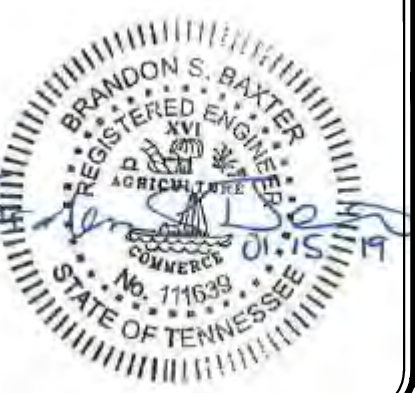
STA. 202+42.50 CLAYTON ARNOLD ROAD
PVT. DR. LT.



STA. 166+22.00 CRITZ LANE
PVT. DR. LT.



STA. 168+34.00 CRITZ LANE
PVT. DR. LT.



CRITZ LANE IMPROVEMENTS
FOR
TOWN OF THOMPSON'S STATION, TN

TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

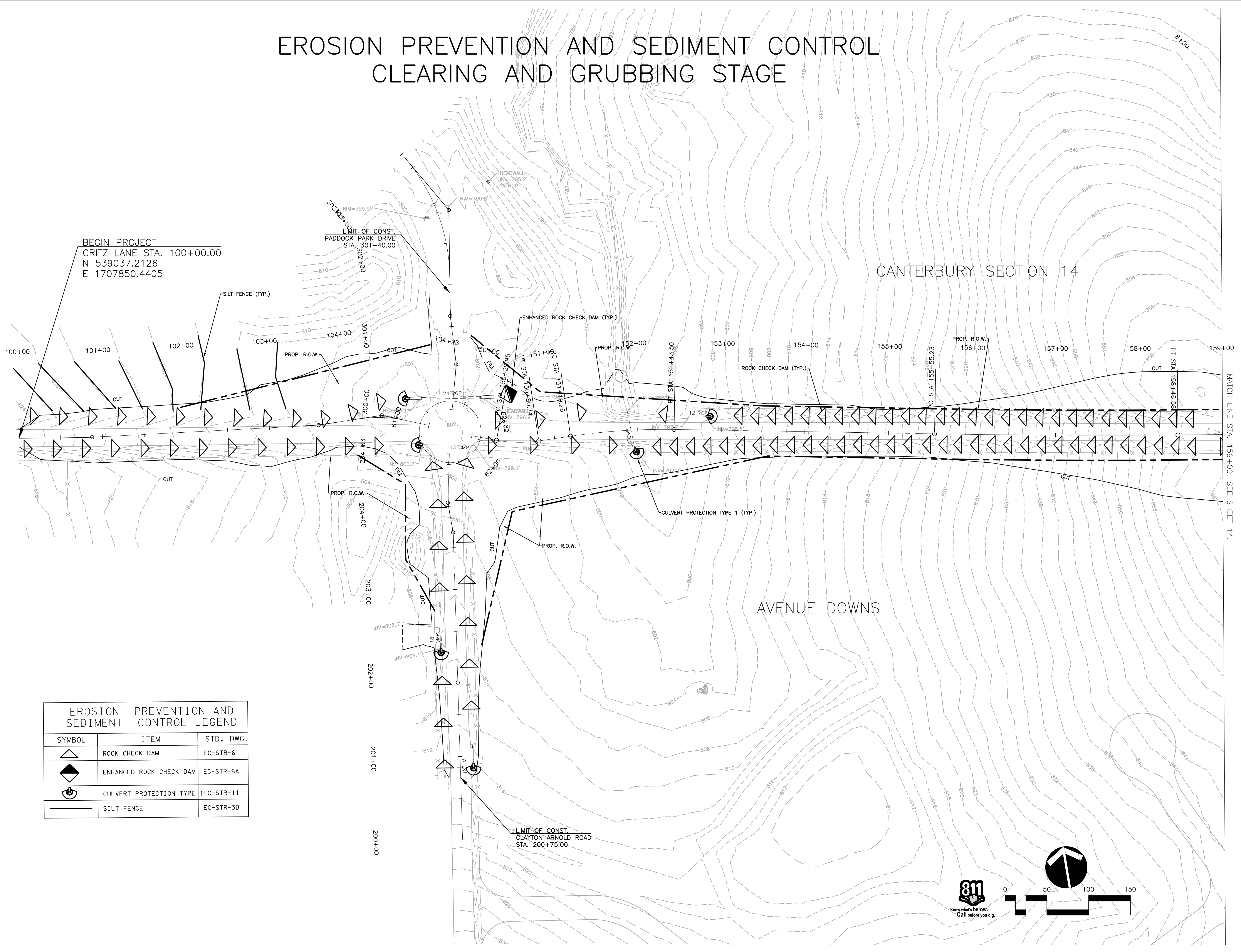
JOB NO.	WK. ORDER	DESIGNED:	DRAWN:	SCALE:	DATE:	REV. #	DESCRIPTION:
18190	1349	FLR	FLR	AS SHOWN	JANUARY 14, 2019		

PRIVATE DRIVE
PROFILES

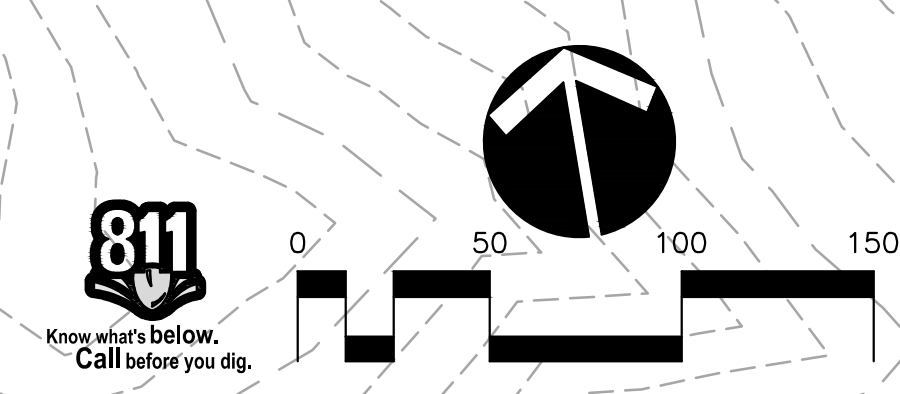
PROFILE VIEW
1" = 50' HORIZONTAL
1" = 5' VERTICAL

CLAYTON ARNOLD ROAD IMPROVEMENTS AND CRITZ LANE PVT. DR. LT. PROJECT PROFILES
PLOTTED BY: GARDNER ON 1/15/2019 8:53 AM. LAST UPDATED BY: GARDNER ON 1/15/2019 8:53 AM

EROSION PREVENTION AND SEDIMENT CONTROL CLEARING AND GRUBBING STAGE



EROSION PREVENTION AND SEDIMENT CONTROL LEGEND		
SYMBOL	ITEM	STD. DWG.
	ROCK CHECK DAM	EC-STR-6
	ENHANCED ROCK CHECK DAM	EC-STR-6A
	CULVERT PROTECTION TYPE 1	1EC-STR-11
	SILT FENCE	EC-STR-3B



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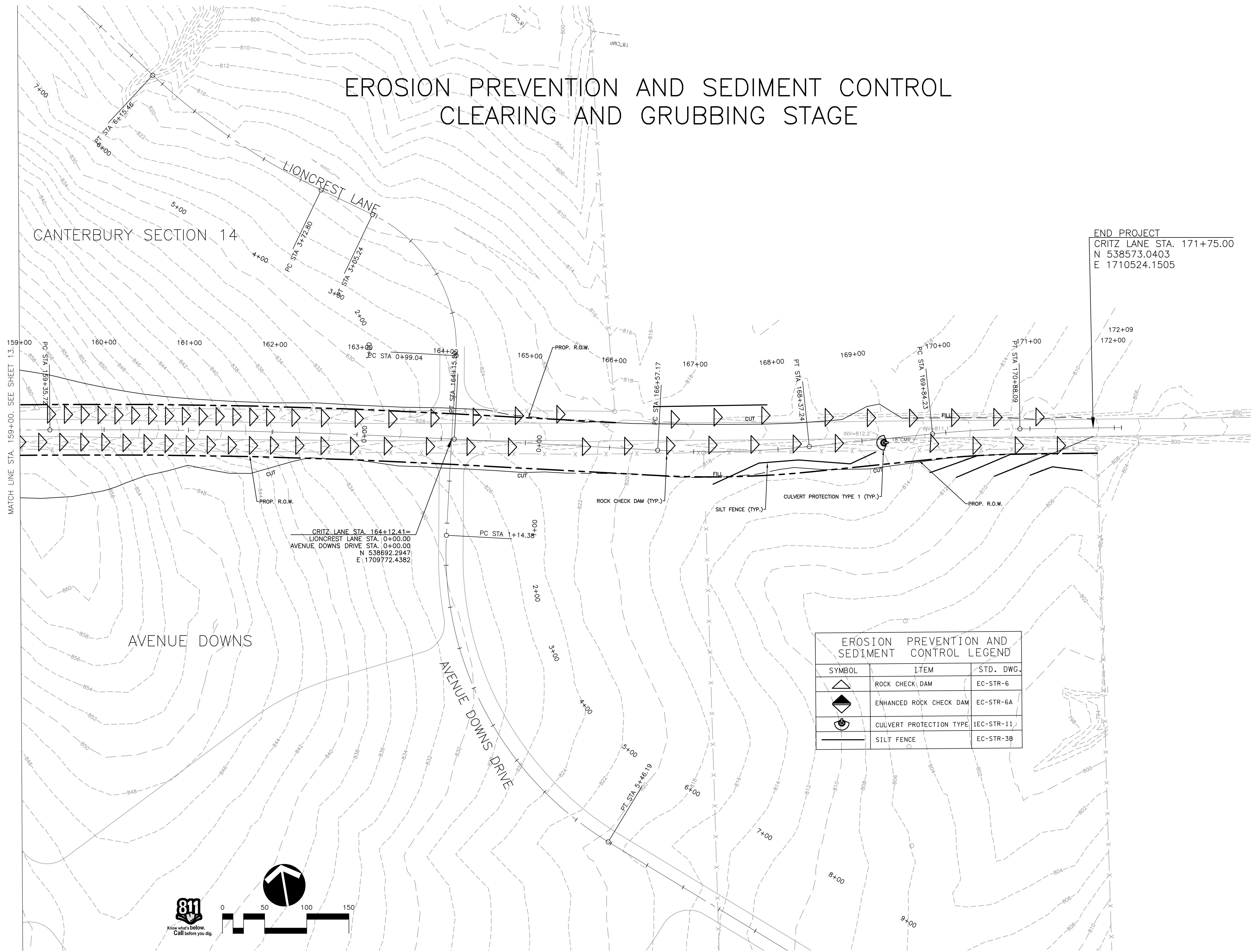
CRITZ LANE IMPROVEMENTS
 FOR
TOWN OF THOMPSON'S STATION, TN
 TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

WK. ORDER	1349	FLR	FLR	FLR	1"=50'	DATE	JANUARY 14, 2019	REV.	#	DESCRIPTION
JOB NO.	18190	DESIGNED:	DRAWN:	SCALE:						

EROSION PREVENTION & SEDIMENT CONTROL PLANS

CLAWSON AND TRANSDIGITAL ENGINEERS, P.A. PREPARED
 PLOTTED BY: GANERSON, 1/10/19 11:17 AM. LAST UPDATED BY: GANERSON, 1/10/19 11:17 AM

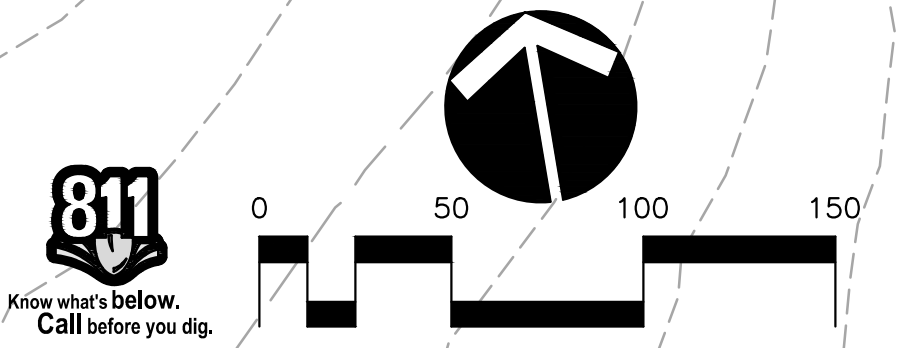
EROSION PREVENTION AND SEDIMENT CONTROL CLEARING AND GRUBBING STAGE



END PROJECT
CRITZ LANE STA. 171+75.00
N 538573.0403
E 1710524.1505

CRITZ LANE STA. 164+12.41 =
LIONCREST LANE STA. 0+00.00
AVENUE DOWNS DRIVE STA. 0+00.00
N 538692.2947
E 1709772.4382

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND		
SYMBOL	ITEM	STD. DWG.
	ROCK CHECK DAM	EC-STR-6
	ENHANCED ROCK CHECK DAM	EC-STR-6A
	CULVERT PROTECTION TYPE	IEC-STR-11
	SILT FENCE	EC-STR-3B



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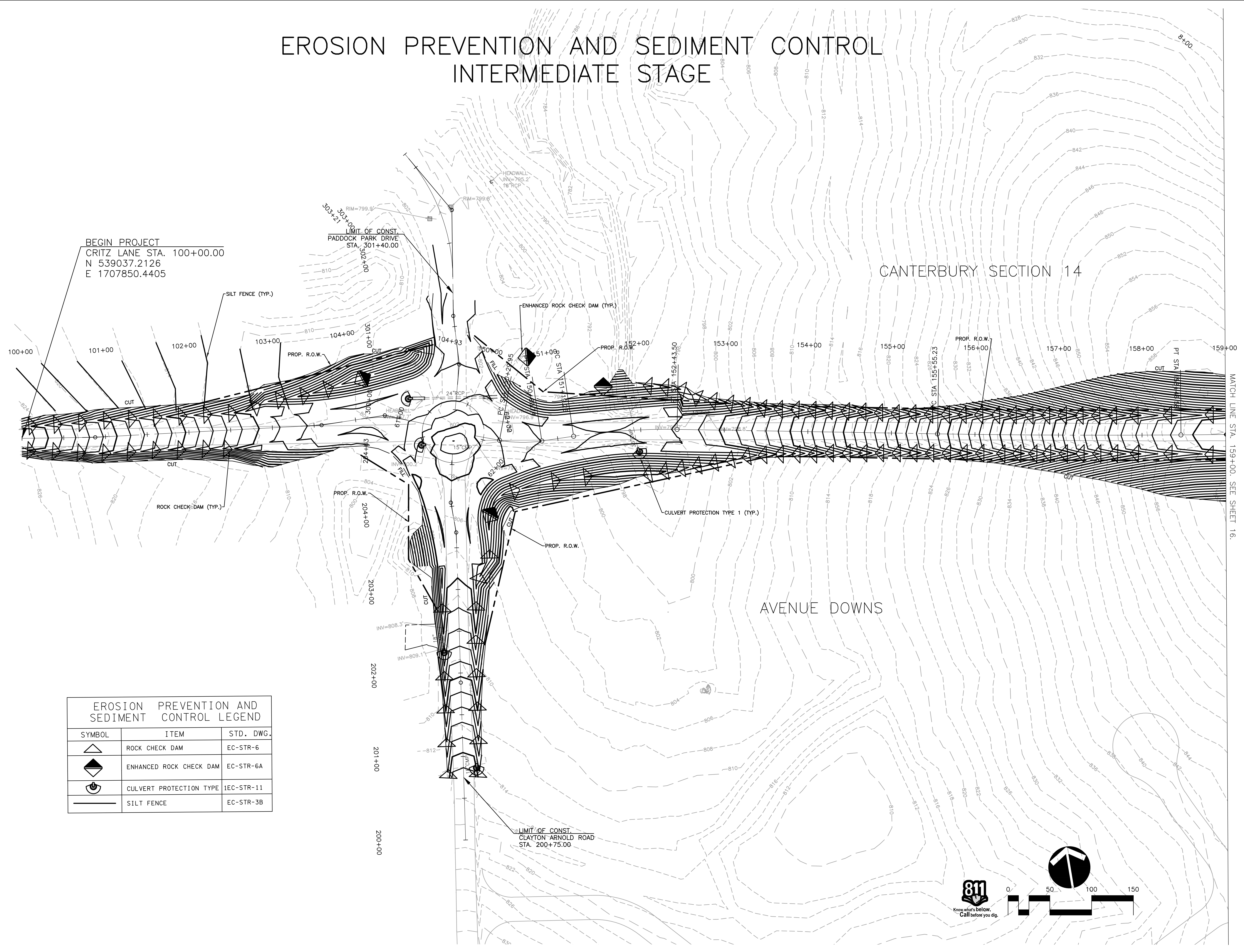
CRITZ LANE IMPROVEMENTS
FOR
TOWN OF THOMPSON'S STATION, TN
TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

WK. ORDER	1349	FLR	FLR	FLR	1"=50'	DATE	DESCRIPTION
JOB NO.	18190	DESIGNED:	DRAWN:	SCALE:	DATE	JANUARY 14, 2019	

EROSION PREVENTION & SEDIMENT CONTROL PLANS

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EROSION PREVENTION AND SEDIMENT CONTROL INTERMEDIATE STAGE



BEGIN PROJECT
CRITZ LANE STA. 100+00.00
N 539037.2126
E 1707850.4405

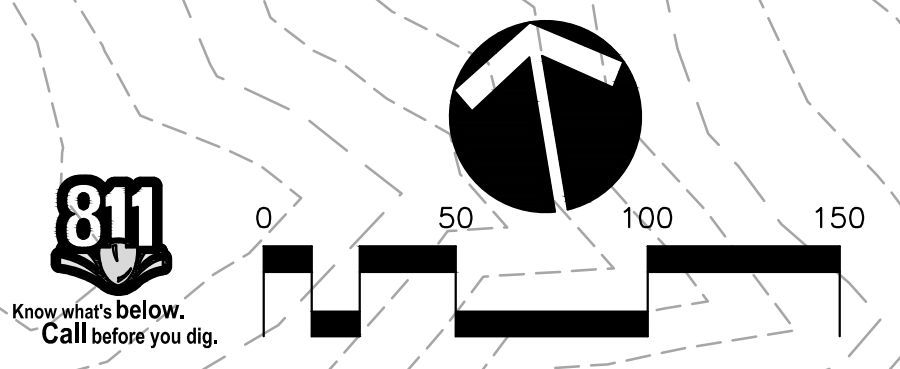
LIMIT OF CONST.
PADDOCK PARK DRIVE
STA. 301+40.00

CANTERBURY SECTION 14

AVENUE DOWNS

MATCH LINE STA. 159+00.00. SEE SHEET 16.

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND		
SYMBOL	ITEM	STD. DWG.
	ROCK CHECK DAM	EC-STR-6
	ENHANCED ROCK CHECK DAM	EC-STR-6A
	CULVERT PROTECTION TYPE	IEC-STR-11
	SILT FENCE	EC-STR-3B



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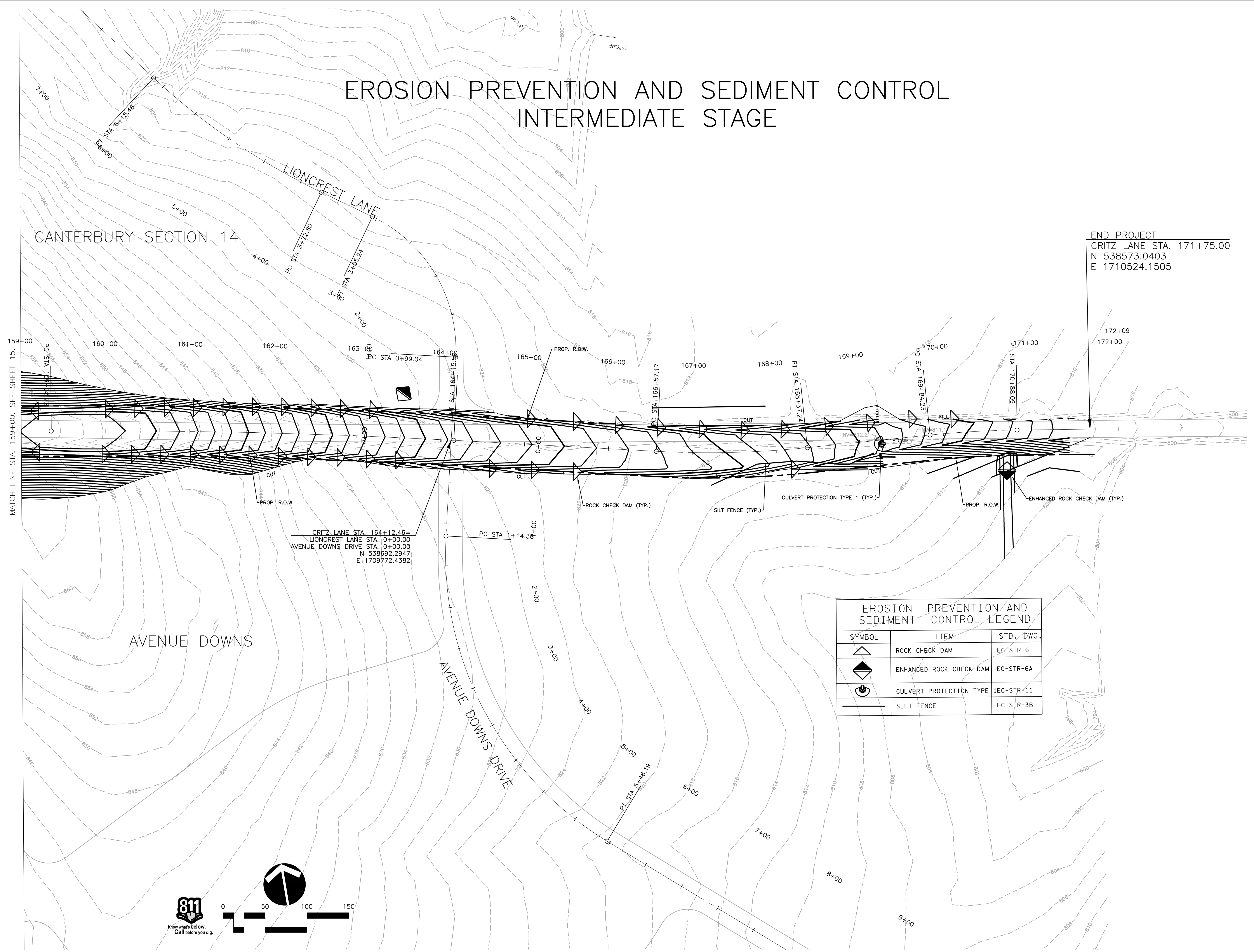
CRITZ LANE IMPROVEMENTS
 FOR
TOWN OF THOMPSON'S STATION, TN
 TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

WK. ORDER	1349	FLR	FLR	FLR	1"=50'	DATE	JANUARY 14, 2019	REV.	#	DESCRIPTION
JOB NO.	18190	DESIGNED:	DRAWN:	SCALE:						

EROSION PREVENTION & SEDIMENT CONTROL PLANS

PLOTTED BY: G. WILSON, 1/14/19 11:58 AM. LAST UPDATED BY: G. WILSON, 1/14/19 11:58 AM.

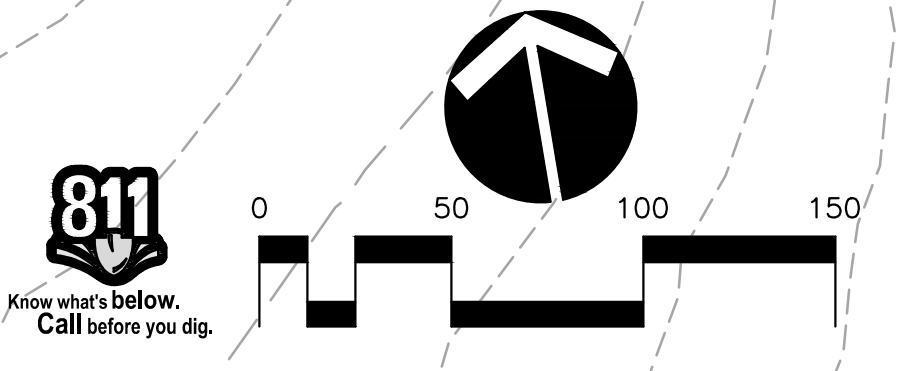
EROSION PREVENTION AND SEDIMENT CONTROL INTERMEDIATE STAGE



END PROJECT
CRITZ LANE STA. 171+75.00
N 538573.0403
E 1710524.1505

CRITZ LANE STA. 164+12.46=
LIONCREST LANE STA. 0+00.00
AVENUE DOWNS DRIVE STA. 0+00.00
N 538692.2947
E 1709772.4382

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND		
SYMBOL	ITEM	STD. DWG.
	ROCK CHECK DAM	EC-STR-6
	ENHANCED ROCK CHECK DAM	EC-STR-6A
	CULVERT PROTECTION TYPE	IEC-STR-11
	SILT FENCE	EC-STR-3B



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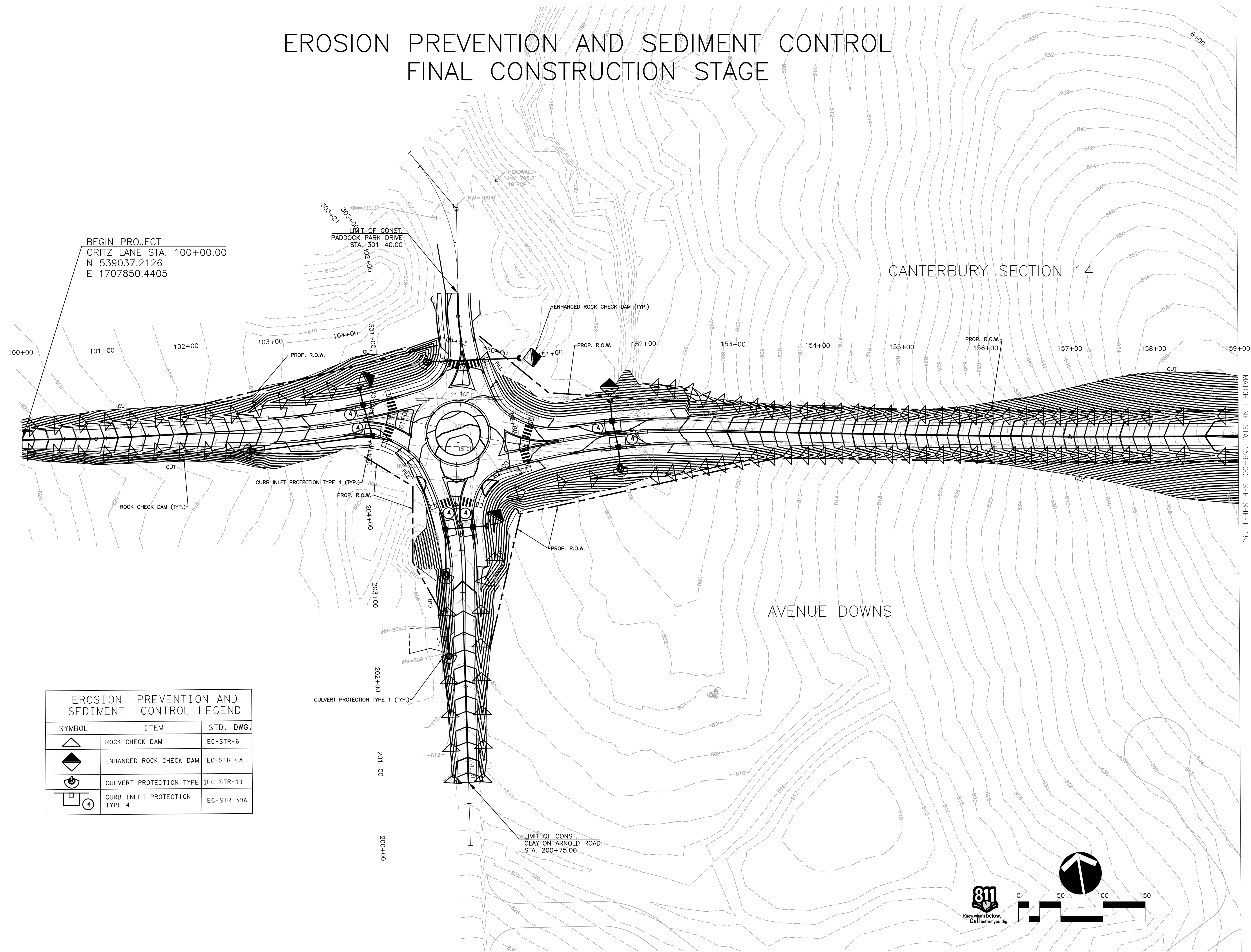
CRITZ LANE IMPROVEMENTS
FOR
TOWN OF THOMPSON'S STATION, TN
TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

JOB NO.	WK. ORDER	DESIGNED:	FLR	DRAWN:	FLR	SCALE:	DATE:	REV. #	DESCRIPTION:
18190	1349					1"=50'	JANUARY 14, 2019		

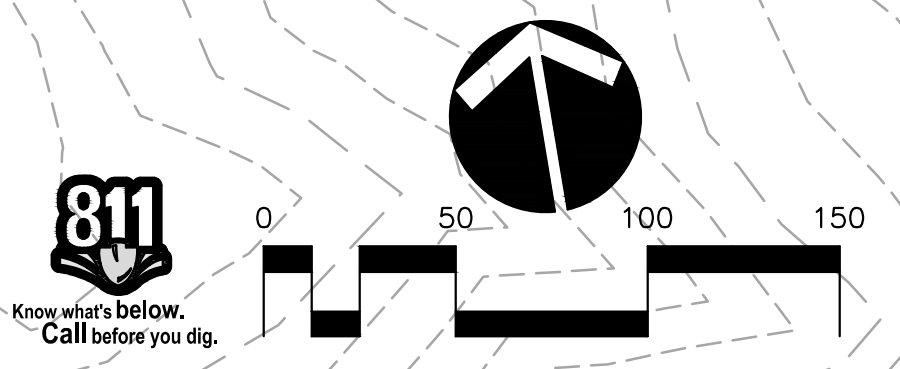
EROSION PREVENTION & SEDIMENT CONTROL PLANS

CIVIL AND LANDSCAPE ARCHITECTS AND ENGINEERS, P.A.
 REGISTERED PROFESSIONAL ENGINEERS IN THE STATE OF TENNESSEE
 PLOTTED BY: GARDNER/DENVER PLOTTER 11/15/18 11:51 AM LAST UPDATED BY: GARDNER 11/15/18 11:51 AM

EROSION PREVENTION AND SEDIMENT CONTROL FINAL CONSTRUCTION STAGE



EROSION PREVENTION AND SEDIMENT CONTROL LEGEND		
SYMBOL	ITEM	STD. DWG.
	ROCK CHECK DAM	EC-STR-6
	ENHANCED ROCK CHECK DAM	EC-STR-6A
	CULVERT PROTECTION TYPE 1	1EC-STR-11
	CURB INLET PROTECTION TYPE 4	EC-STR-39A



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CRITZ LANE IMPROVEMENTS
FOR
TOWN OF THOMPSON'S STATION, TN
TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

JOB NO.	WK. ORDER	DESIGNED:	FLR	DRAWN:	FLR	SCALE:	DATE	REV.	DATE	DESCRIPTION
18190	1349					1"=50'	JANUARY 14, 2019			

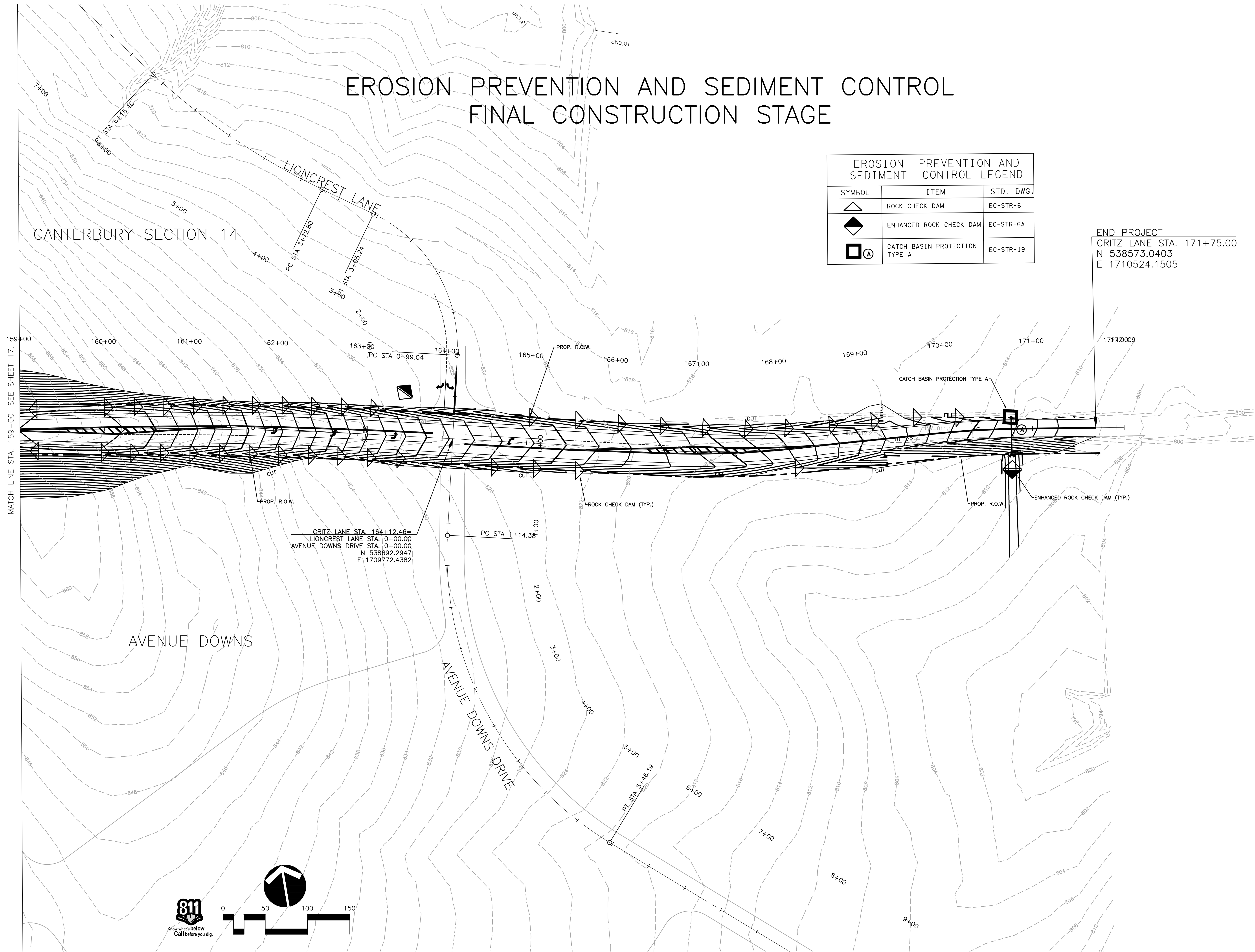
EROSION PREVENTION & SEDIMENT CONTROL PLANS
17

CLAYTON ARNOLD ROAD IMPROVEMENTS AND INTERCHANGES, 4th PHASE, 100% CDD
PLOTTED BY: GANEMEDON 11/07/19 8:23 AM. LAST UPDATED BY: TORMANDO ON 11/08/19 8:28 PM

EROSION PREVENTION AND SEDIMENT CONTROL FINAL CONSTRUCTION STAGE

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND		
SYMBOL	ITEM	STD. DWG.
	ROCK CHECK DAM	EC-STR-6
	ENHANCED ROCK CHECK DAM	EC-STR-6A
	CATCH BASIN PROTECTION TYPE A	EC-STR-19

END PROJECT
CRITZ LANE STA. 171+75.00
N 538573.0403
E 1710524.1505



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 FOR
TOWN OF THOMPSON'S STATION, TN
 TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

JOB NO.	18190	DESIGNED:	FLR	DRAWN:	FLR	SCALE:	1"=50'	DATE:	JANUARY 14, 2019	REV. #	DESCRIPTION:
WK. ORDER	1349										

EROSION PREVENTION & SEDIMENT CONTROL PLANS

CIVIL AND LANDSCAPE ARCHITECTS AND ENGINEERS, P.C. 11/15/2018 10:58 AM
 PLOTTED BY: GARDNER ON 11/07/19 8:27 AM. LAST UPDATED BY: TORMANDO ON 11/07/19 8:27 AM



PAVEMENT EDGE DROP-OFF TRAFFIC CONTROL NOTES

A. DIFFERENCES IN ELEVATION BETWEEN ADJACENT TRAFFIC LANES OR TRAFFIC LANE AND SHOULDER WHERE THE TRAFFIC LANE IS BEING USED BY TRAFFIC, CAUSED BY BASE, PAVING OR RESURFACING:

1. DIFFERENCES IN ELEVATION BETWEEN ADJACENT ROADWAY ELEMENTS GREATER THAN 0.75 INCH AND NOT EXCEEDING 1.75 INCHES:
 - a. WARNING SIGNS, UNEVEN LANES (W8-11) AND/OR SHOULDER DROP-OFF WITH PLAQUE (W8-17 AND W8-17P), SHALL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. WHERE UNEVEN PAVEMENT IS ENCOUNTERED, SIGNS SHALL BE PLACED ON EACH SIDE OF THE ROADWAY.
 - b. DIFFERENCES IN ELEVATION BETWEEN ADJACENT TRAFFIC LANES BEING UTILIZED BY TRAFFIC CAUSED BY ADDED PAVEMENT SHALL BE ELIMINATED WITHIN THREE WORKDAYS.
 - c. DIFFERENCES IN ELEVATION BETWEEN ADJACENT TRAFFIC LANES BEING UTILIZED BY TRAFFIC CAUSED BY COLD PLANING SHALL BE ELIMINATED WITHIN THREE WORKDAYS.
 - d. WHEN THE DIFFERENCE IN ELEVATION IS BETWEEN THE TRAFFIC LANE BEING UTILIZED BY TRAFFIC AND SHOULDER THE DIFFERENCE IN ELEVATION SHALL BE ELIMINATED WITHIN SEVEN WORKDAYS AFTER THE CONDITION IS CREATED.
2. DIFFERENCES IN ELEVATION BETWEEN ADJACENT ROADWAY ELEMENTS GREATER THAN 1.75 INCHES AND NOT EXCEEDING 6 INCHES, TRAFFIC IS NOT TO BE ALLOWED TO TRAVERSE THIS DIFFERENCE IN ELEVATION.
 - a. SEPARATION SHALL BE ACCOMPLISHED BY DRUMS, BARRICADES OR OTHER APPROVED DEVICES IN ACCORDANCE WITH THE FOLLOWING:
 - (1) WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.
 - (2) WHERE POSTED SPEEDS ARE LESS THAN 50 MPH, THE MAXIMUM SPACING OF THE PROTECTIVE DEVICES IN FEET SHALL NOT EXCEED TWICE THE POSTED SPEED IN MILES PER HOUR OR 50 FEET, WHICHEVER SPACING IS GREATER.
 - b. IF THE DIFFERENCE IN ELEVATION IS ELIMINATED OR DECREASED TO 2 INCHES OR LESS BY THE END OF EACH WORKDAY, CONES MAY BE USED DURING DAYLIGHT HOURS IN LIEU OF DRUMS, BARRICADES OR OTHER APPROVED PROTECTIVE DEVICES MENTIONED IN PARAGRAPH a, PROVIDED WARNING SIGNS ARE ERECTED. WARNING SIGNS (UNEVEN LANES AND/OR SHOULDER DROP-OFF) SHALL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. WHERE UNEVEN PAVEMENT IS ENCOUNTERED, SIGNS SHALL BE PLACED ON EACH SIDE OF THE ROADWAY.
 - c. WHEN THE DIFFERENCE IN ELEVATION IS BETWEEN THE THROUGH TRAFFIC LANE AND THE SHOULDER AND THE ELEVATION DIFFERENCE IS LESS THAN 3.5 INCHES, THE CONTRACTOR MAY USE WARNING SIGNS AND/OR PROTECTIVE DEVICES AS APPLICABLE AND APPROVED BY THE ENGINEER. SEE PARAGRAPH a REGARDING USE OF DRUMS, BARRICADES OR OTHER APPROVED PROTECTIVE DEVICES. WARNING SIGNS (UNEVEN LANES AND/OR SHOULDER DROP-OFF) WILL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. WHERE UNEVEN PAVEMENT IS ENCOUNTERED, SIGNS SHALL BE PLACED ON EACH SIDE OF THE ROADWAY.

IN THESE SITUATIONS, THE CONTRACTOR SHALL LIMIT HIS OPERATIONS TO ONE WORK ZONE NOT EXCEEDING 2 MILES IN LENGTH UNLESS OTHERWISE NOTED ON THE PLANS OR APPROVED BY THE ENGINEER. ONCE THE CONTRACTOR BEGINS WORK IN A WORK ZONE, A CONTINUOUS OPERATION SHALL BE MAINTAINED UNTIL THE DIFFERENCE IN ELEVATION IS ELIMINATED. SIMULTANEOUS WORK ON SEPARATE ROADWAYS OF DIVIDED HIGHWAYS WILL BE CONSIDERED INDEPENDENTLY IN REGARD TO RESTRICTION OF WORK ZONE ACTIVITY.

3. DIFFERENCES IN ELEVATION BETWEEN ADJACENT ROADWAY ELEMENTS GREATER THAN 6 INCHES BUT NOT EXCEEDING 18 INCHES, THE CONTRACTOR, WITH THE ENGINEER'S APPROVAL, MAY UTILIZE ONE OF THE FOLLOWING:

- a. THE CONTRACTOR SHALL ACCOMPLISH SEPARATION BY DRUMS, BARRICADES OR OTHER APPROVED DEVICES IN ACCORDANCE WITH THE FOLLOWING:
 - (1) WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.
 - (2) WHERE POSTED SPEEDS ARE LESS THAN 50 MPH, THE MAXIMUM SPACING OF THE PROTECTIVE DEVICES IN FEET SHALL NOT EXCEED TWICE THE POSTED SPEED IN MILES PER HOUR OR 50 FEET, WHICHEVER SPACING IS GREATER.

IN ORDER TO USE THIS METHOD, THE CONTRACTOR MUST REDUCE THE DIFFERENCE IN ELEVATION TO 6 INCHES OR LESS BY THE END OF THE WORKDAY THAT THE CONDITION IS CREATED.

- b. THE CONTRACTOR SHALL PROVIDE DRUMS, BARRICADES OR OTHER APPROVED SEPARATION DEVICES AS SPECIFIED IN PARAGRAPH a, AND CONSTRUCT A STONE WEDGE WITH A 4:1 SLOPE, OR FLATTER, TO ELIMINATE THE VERTICAL OFFSET IF THE LOWER ELEVATION IS AT OR BELOW SUBGRADE AT THE END OF EACH DAY.
- c. THE CONTRACTOR SHALL PROVIDE DRUMS, BARRICADES OR OTHER APPROVED SEPARATION DEVICES AS SPECIFIED IN PARAGRAPH a AND IF THE LOWER ELEVATION IS BASE STONE OR ASPHALT PAVEMENT, PLACEMENT OF SUBSEQUENT LAYERS OF PAVEMENT MUST BEGIN THE NEXT WORK DAY AND PROGRESS CONTINUOUSLY UNTIL THE DIFFERENCE IN ELEVATION IS ELIMINATED OR REDUCED TO SIX INCHES OR LESS.
- d. THE CONTRACTOR SHALL PROVIDE SEPARATION BY PORTABLE BARRIER RAIL.

FOR PRECEDING CONDITIONS a, b, AND c, THE CONTRACTOR SHALL USE THE SHOULDER DROP-OFF WARNING SIGN WITH PLAQUE (W8-17 AND W8-17P). IT SHALL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN THE SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. IN THESE SITUATIONS, THE CONTRACTOR SHALL LIMIT HIS OPERATIONS TO ONE WORK ZONE NOT EXCEEDING 1 MILE IN LENGTH UNLESS OTHERWISE NOTED ON THE PLANS OR APPROVED BY THE ENGINEER. ONCE THE CONTRACTOR BEGINS WORK IN A WORK ZONE, A CONTINUOUS OPERATION SHALL BE MAINTAINED UNTIL THE DIFFERENCE IS ELIMINATED. SIMULTANEOUS WORK ON SEPARATE ROADWAYS OF DIVIDED HIGHWAYS WILL BE CONSIDERED INDEPENDENTLY IN REGARD TO RESTRICTION OF WORK ZONE ACTIVITY.

4. FOR DIFFERENCES IN ELEVATION BETWEEN ADJACENT ROADWAY ELEMENTS GREATER THAN 18 INCHES.

SEPARATION WILL BE PROVIDED BY USE OF PORTABLE BARRIER RAIL.

IN THIS SITUATION THE CONTRACTOR SHALL LIMIT HIS OPERATIONS TO ONE WORK ZONE NOT EXCEEDING 1 MILE IN LENGTH UNLESS OTHERWISE NOTED ON THE PLANS OR APPROVED BY THE ENGINEER. ONCE THE CONTRACTOR BEGINS WORK IN A WORK ZONE, A CONTINUOUS OPERATION SHALL BE MAINTAINED UNTIL THE DIFFERENCE IN ELEVATION IS ELIMINATED. SIMULTANEOUS WORK ON SEPARATE ROADWAYS OF DIVIDED HIGHWAYS WILL BE CONSIDERED INDEPENDENTLY IN REGARD TO RESTRICTION OF WORK ZONE ACTIVITY.

B. IF THE DIFFERENCE IN ELEVATION IS WITHIN 30 FEET OF THE NEAREST TRAFFIC LANE BEING USED BY TRAFFIC CAUSED BY GRADING, EXCAVATION FOR UTILITIES, DRAINAGE STRUCTURES, UNDERCUTTING, ETC.:

1. IF THE DIFFERENCE IN ELEVATION IS WITHIN 8 FEET OF THE NEAREST TRAFFIC LANE WITH DIFFERENCE IN ELEVATION GREATER THAN 3/4 INCH AND NOT EXCEEDING 2 INCHES.
 - a. WARNING SIGNS (UNEVEN LANES AND/OR SHOULDER DROP-OFF) SHALL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. WHERE UNEVEN PAVEMENT IS ENCOUNTERED, SIGNS SHALL BE PLACED ON EACH SIDE OF THE ROADWAY.

2. IF THE DIFFERENCE IN ELEVATION IS WITHIN 8 FEET OF THE NEAREST TRAFFIC LANE WITH DIFFERENCE IN ELEVATION GREATER THAN 2 INCHES AND NOT EXCEEDING 6 INCHES:

- a. SEPARATION SHALL BE ACCOMPLISHED BY DRUMS, BARRICADES OR OTHER APPROVED DEVICES IN ACCORDANCE WITH THE FOLLOWING:
 - (1) WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.
 - (2) WHERE POSTED SPEEDS ARE LESS THAN 50 MPH THE MAXIMUM SPACING OF THE PROTECTIVE DEVICES IN FEET SHALL NOT EXCEED TWICE THE POSTED SPEED IN MILES PER HOUR OR 50 FEET, WHICHEVER SPACING IS GREATER.

3. IF THE DIFFERENCE IN ELEVATION IS WITHIN 8 FEET OF THE NEAREST TRAFFIC LANE WITH DIFFERENCE IN ELEVATION GREATER THAN 6 INCHES:

- a. SEPARATION SHALL BE ACCOMPLISHED BY DRUMS, BARRICADES OR OTHER APPROVED DEVICES IN ACCORDANCE WITH THE FOLLOWING:
 - (1) WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.
 - (2) WHERE POSTED SPEEDS ARE LESS THAN 50 MPH THE MAXIMUM SPACING OF THE PROTECTIVE DEVICES IN FEET SHALL NOT EXCEED TWICE THE POSTED SPEED IN MILES PER HOUR OR 50 FEET, WHICHEVER SPACING IS GREATER.
- b. ELIMINATE VERTICAL OFFSET BY CONSTRUCTING A STONE WEDGE OR GRADING TO A 4:1 SLOPE, OR FLATTER, OR USE PORTABLE BARRIER RAIL.

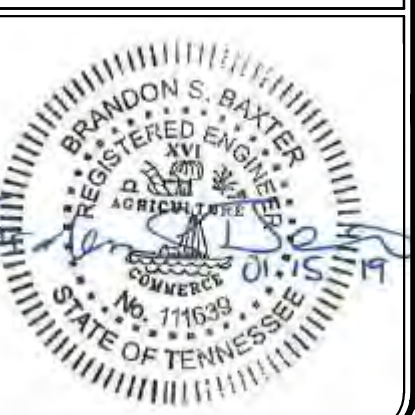
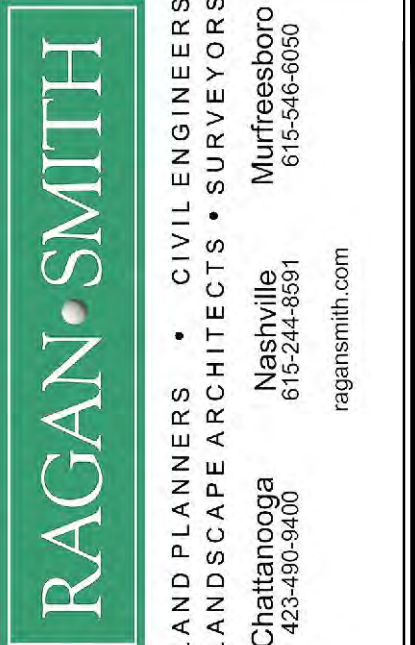
THE CONTRACTOR SHALL SCHEDULE THE WORK SO AS TO MINIMIZE THE TIME TRAFFIC IS EXPOSED TO AN ELEVATION DIFFERENCE. ONCE THE CONTRACTOR BEGINS AN ACTIVITY THAT CREATES AN ELEVATION DIFFERENCE WITHIN 8 FEET OF A TRAFFIC LANE, THE ACTIVITY SHALL BE PURSUED AS A CONTINUOUS OPERATION UNTIL THE ELEVATION DIFFERENCE IS ELIMINATED.

C. IF THE DIFFERENCE IN ELEVATION IS FARTHER THAN 8 FEET FROM THE NEAREST TRAFFIC LANE BUT NOT MORE THAN 30 FEET FROM THE NEAREST TRAFFIC LANE:

SEPARATION SHALL BE ACCOMPLISHED BY DRUMS, BARRICADES OR OTHER APPROVED DEVICES IN ACCORDANCE WITH THE FOLLOWING:

1. WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.
2. WHERE POSTED SPEEDS ARE LESS THAN 50 MPH, THE MAXIMUM SPACING OF THE PROTECTIVE DEVICES IN FEET SHALL NOT EXCEED TWICE THE POSTED SPEED IN MILES PER HOUR OR 50 FEET, WHICHEVER SPACING IS GREATER.

THE CONTRACTOR SHALL SCHEDULE THE WORK SO AS TO MINIMIZE THE TIME TRAFFIC IS EXPOSED TO AN ELEVATION DIFFERENCE. ONCE THE CONTRACTOR BEGINS AN ACTIVITY THAT CREATES AN ELEVATION DIFFERENCE, THE ACTIVITY SHALL BE PURSUED AS A CONTINUOUS OPERATION UNTIL THE ELEVATION DIFFERENCE IS ELIMINATED.



CRITZ LANE IMPROVEMENTS
 FOR
TOWN OF THOMPSON'S STATION, TN
 TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

WK. ORDER	DESIGNED	DRAWN	SCALE	DATE	REV. #	DATE	DESCRIPTION
18190	FLR	FLR	N.T.S.	JANUARY 14, 2019			

TRAFFIC CONTROL DROP-OFF NOTES

CIVIL AND LANDSCAPE ARCHITECTS, INC. A PROFESSIONAL CORPORATION
 REGISTERED PROFESSIONAL ENGINEERS - LICENSED UNDER THE PROFESSIONAL ENGINEERING ACT OF 1967
 REGISTERED PROFESSIONAL SURVEYORS - LICENSED UNDER THE SURVEYING ACT OF 1967

Special Notes

- (1) THIS SET OF PLANS IS NOT INTENDED TO SUPERSEDE OR RELIEVE THE CONTRACTOR OF ANY RESPONSIBILITY TOWARD MOTORIST OR PROPERTY OWNERS WITHIN THE CONSTRUCTION LIMITS.
- (2) THE CONSTRUCTION SIGNING PLAN IS TO SERVE AS A GUIDE ONLY. OTHER SIGNS MAY BE REQUIRED DURING VARIOUS PHASES OF CONSTRUCTION
- (3) THE TRAFFIC CONTROL PLAN DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF INSTALLING TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE CURRENT EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES."
- (4) THE APPROPRIATE TRAFFIC CONTROL SHALL BE INSTALLED AT THE INCEPTION OF EACH PHASE OF CONSTRUCTION AND SHALL BE PROPERLY MAINTAINED AND/OR OPERATED DURING THE TIME SUCH SPECIAL CONDITIONS EXIST. THEY SHALL REMAIN IN PLACE AS LONG AS THEY ARE NEEDED AND SHALL BE IMMEDIATELY REMOVED THEREAFTER.
- (5) WHILE MAINTAINING TRAFFIC, THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE INGRESS AND EGRESS TO PROPERTY OWNERS AT ALL TIMES DURING THE COURSE OF THE CONSTRUCTION.
- (6) AT ALL TIMES THE ROADWAY MUST BE MAINTAINED IN A CONDITION TO ALLOW THE PASSAGE OF EMERGENCY VEHICLES AND THEIR ACCESS TO RESIDENCES AND BUSINESSES THROUGH THE CONSTRUCTION.
- (7) LANE CLOSURES OTHER THAN SHOWN ON THE PLANS WILL BE PERMITTED ONLY DURING NON-PEAK HOURS. PEAK HOURS ARE MONDAY THROUGH FRIDAY FROM 6:00 A.M. TO 9:00 A.M. AND FROM 3:00 P.M. TO 6:00 P.M. NO LANE CLOSURES WILL BE PERMITTED DURING THE HOLIDAYS.
- (8) WHERE TRAFFIC IS SHIFTED OR DETOURED ON TO EXISTING SHOULDERS, THE CONTRACTOR WILL ENSURE THAT THE PAVED SHOULDERS ARE IN GOOD CONDITION PRIOR TO SHIFTING THE TRAFFIC. IF THE SHOULDERS NEED REPAIRING PRIOR TO, DURING OR AFTER ANY TRAFFIC HAS BEEN PLACED ON THEM, THEN THE SHOULDERS WILL BE REPAIRED AS DIRECTED BY THE ENGINEER. ALL COST TO BE PAID IN RESPECTIVE ITEMS.
- (9) EXISTING CONFLICTING MARKINGS SHALL BE REMOVED OR COVERED PRIOR TO SHIFTING OR DETOURING TRAFFIC. THIS WORK TO BE PAID FOR UNDER ITEM NO. 712-01, TRAFFIC CONTROL
- (10) IN CASES WHERE WALLS LIMIT DRIVEWAY SIGHT DISTANCE DURING CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE THE APPROPRIATE WARNING SIGNAGE. THESE SIGNS ARE TO BE PAID FOR UNDER ITEM NO. 712-01, TRAFFIC CONTROL.

PHASE 1 – CONSTRUCTION OF DETOUR ROUTES THROUGH CANTERBURY AND AVENUE DOWNS DEVELOPMENTS

- (12) THE CONTRACTOR SHALL CONSTRUCT ALL ADVANCED WARNING SIGNS FOR PHASE 1 OF THE PROJECT. THE CONTRACTOR SHALL NOTIFY ALL PUBLIC AGENCIES ABOUT ROAD WORK ACTIVITIES AND TIME FRAMES.
- (13) THE CONTRACTOR SHALL INSTALL AND CONSTRUCT ALL PHASE 1 EPSC ITEMS IMMEDIATELY FOLLOWING THE RELOCATING OF TRAFFIC AND PRIOR TO ANY OTHER CONSTRUCTION.
- (14) THE CONTRACTOR SHALL MAINTAIN TWO WAY TRAFFIC ALONG EXISTING CRITZ LANE AND CLAYTON ARNOLD ROAD.
- (15) NORTH OF CRITZ LANE, THE CONTRACTOR SHALL CONSTRUCT PORTION OF LIONCREST LANE AND BRAMBLEWOOD LANE TO CONNECT TO SECTION 13 OF CANTERBURY DEVELOPMENT.
- (16) SOUTH OF CRITZ LANE, THE CONTRACTOR SHALL CONSTRUCT PORTION OF AVENUE DOWNS DRIVE AND OTTERHAM DRIVE TO CONNECT TO CLAYTON ARNOLD ROAD.
- (17) THE CONTRACTOR SHALL PREPARE THE ROUTES THROUGH CANTERBURY AND AVENUE DOWNS FOR PHASE 2 TRAFFIC OPERATIONS. CONTRACTOR SHALL INSTALL BASE STONE AND BITUMINOUS BASE AND BINDER PAVING AND TEMPORARY STRIPING FOR PHASE 2 TRAFFIC OPERATIONS ON BRAMBLEWOOD LANE, OTTERHAM DRIVE, PORTIONS OF LIONCREST LANE AND PORTIONS OF AVENUE DOWNS DRIVE. TEMPORARY STRIPING TO BE PAID FOR UNDER ITEM NO. 712-01, TRAFFIC CONTROL.
- (18) THE CONTRACTOR SHALL USE ONE LANE CLOSURES TO ACCOMPLISH TIE-IN CONSTRUCTION. TIE-IN AREAS SHALL BE COMPLETED SO AS TO ALLOW TWO-WAY TRAFFIC WITHOUT THE ASSISTANCE OF FLAGGERS. ALL PAVEMENT TIE-IN AREAS MAY BE COMPLETED PRIOR TO PHASE 2. ALL TEMPORARY TRAFFIC CONTROL ITEMS WITHIN THESE AREAS SHALL BE ADJUSTED AND OR RELOCATED TO ALLOW FOR TIE-IN CONSTRUCTION.
- (19) THE CONTRACTOR SHALL USE ONE-LANE CLOSURES TO CONSTRUCT CROSS-DRAINS AND STORM DRAINAGE AS NECESSARY DURING PHASE 1 CONSTRUCTION.

PHASE 2 – CRITZ LANE CONSTRUCTION BETWEEN CLAYTON ARNOLD ROAD AND EASTERN LIMIT OF PROJECT

- (20) THE CONTRACTOR SHALL ADJUST AND OR RELOCATE APPLICABLE ADVANCED WARNING SIGNS AND OTHER TEMPORARY TRAFFIC CONTROL ITEMS FOR PHASE 2 OF THE PROJECT. ALL PUBLIC AGENCIES SHALL BE NOTIFIED ABOUT ROAD WORK ACTIVITIES AND TIME FRAMES PRIOR TO SHIFTING TRAFFIC FOR PHASE 2 OPERATIONS.
- (21) THE CONTRACTOR SHALL MAINTAIN THE OPENING OF THE INTERSECTION OF CRITZ LANE AND CLAYTON ARNOLD ROAD. EXISTING CRITZ LANE WEST OF CLAYTON ARNOLD ROAD AND EAST PROJECT LIMIT SHALL REMAIN OPEN TO TRAFFIC.
- (22) THE CONTRACTOR SHALL INSTALL AND CONSTRUCT ALL PHASE 2 EPSC ITEMS IMMEDIATELY FOLLOWING THE RELOCATING OF TRAFFIC AND PRIOR TO ANY OTHER CONSTRUCTION.
- (23) THE CONTRACTOR SHALL CONSTRUCT THE PROPOSED ROADWAY AND DRAINAGE STRUCTURES WITHIN WORK ZONE AREAS AS PER THE PLANS FOR PHASE 2 CONSTRUCTION. ALL MAJOR WORK ITEMS IN THIS WORK ZONE SHALL BE COMPLETED INCLUDING ALL PRIVATE DRIVE CONSTRUCTION, DITCHES, DRAINAGE STRUCTURE INSTALLATION, FINAL SLOPES AND FINE GRADING.

PHASE 3 – CRITZ LANE CONSTRUCTION BETWEEN CLAYTON ARNOLD ROAD AND LIONCREST LANE, ROUNDABOUT CONSTRUCTION

- (24) THE CONTRACTOR SHALL ADJUST AND OR RELOCATE APPLICABLE ADVANCED WARNING SIGNS AND OTHER TEMPORARY TRAFFIC CONTROL ITEMS FOR PHASE 3 OF THE PROJECT. ALL PUBLIC AGENCIES SHALL BE NOTIFIED ABOUT ROAD WORK ACTIVITIES AND TIME FRAMES PRIOR TO SHIFTING TRAFFIC FOR PHASE 3 OPERATIONS.
- (25) THE CONTRACTOR SHALL CONSTRUCT THE PROPOSED ROADWAY AND DRAINAGE STRUCTURES WITHIN WORK ZONE AREAS AS PER THE PLANS FOR PHASE 3 CONSTRUCTION. ALL MAJOR WORK ITEMS IN THIS WORK ZONE SHALL BE COMPLETED INCLUDING ALL PRIVATE DRIVE CONSTRUCTION, DITCHES, DRAINAGE STRUCTURE INSTALLATION, FINAL SLOPES AND FINE GRADING.
- (26) THE CONTRACTOR SHALL OPEN CRITZ LANE EAST OF THE INTERSECTION WITH LIONCREST LANE / AVENUE DOWNS DRIVE TO ALLOW DETOUR ACCESS AROUND THE CLOSURE OF THE CRITZ LANE AT CLAYTON ARNOLD ROAD INTERSECTION.
- (27) THE CONTRACTOR SHALL FINISH ALL FINAL PAVING, PROPOSED GUARDRAILS, STRIPING, PERMANENT SIGNING FOR THE PROJECT AND COMPLETE ALL REMAINING CONSTRUCTION.
- (28) THE CONTRACTOR SHALL OPEN ALL ROADWAYS TO TRAFFIC AND REMOVE UNNECESSARY TEMPORARY BARRICADES AND DETOUR SIGNING.
- (29) THE CONTRACTOR SHALL REMOVE ALL EPSC ITEMS FROM THE PROJECT AND ALL TEMPORARY CONSTRUCTION SIGNS.
- (30) THE CONTRACTOR SHALL REMOVE ALL REMAINING CONSTRUCTION MATERIALS AND EQUIPMENT FROM THE PROJECT.
- (31) THE CONTRACTOR SHALL STABILIZE AND COMPLETE FINAL DRESSING OF TEMPORARY STORAGE AND EQUIPMENT AREAS.

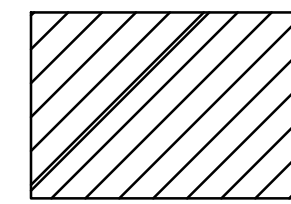
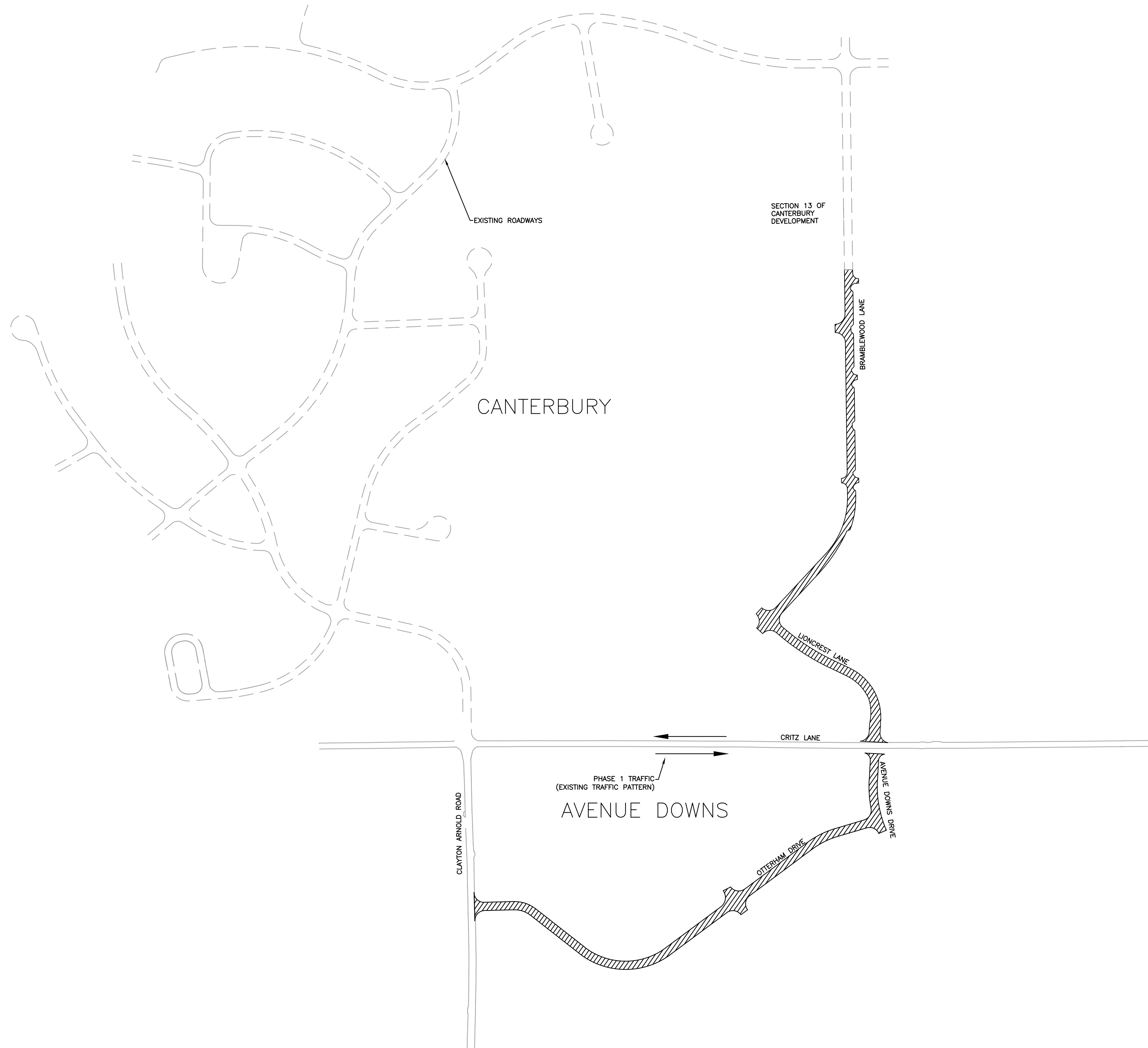
CIVIL AND LAND SURVEYING ENGINEERING, P.E. TRAFFIC CONTROL NOTES 2019
 PLOTTED BY: GANESHWAR V. VISWANATHAN - LAST UPDATED BY: TOWN OF THOMPSON, TN 11/29/19 4:38 PM



CRITZ LANE IMPROVEMENTS
 FOR
TOWN OF THOMPSON'S STATION, TN
 TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

JOB NO.	18190	DESIGNED:	FLR	DRAWN:	FLR	SCALE:	N.T.S.	DATE:	JANUARY 14, 2019	REV. #	DESCRIPTION:
WK. ORDER	1349										

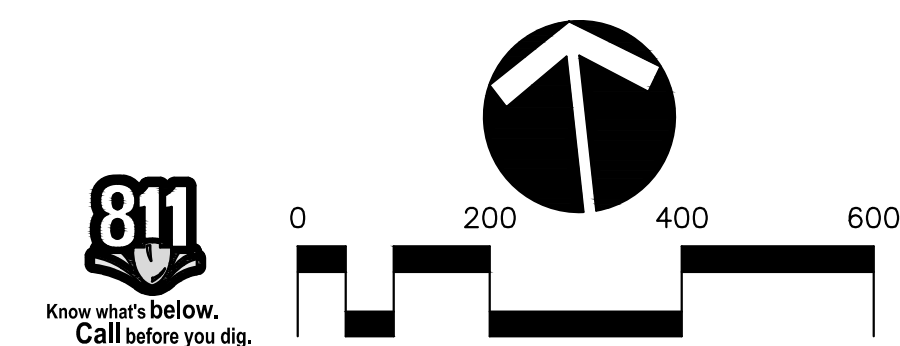
TRAFFIC CONTROL PHASING NOTES



PHASE 1 CONSTRUCTION

NOTE: SEE AVENUE DOWNS AND CANTERBURY PLANS BY RAGAN SMITH FOR DETAILS ON ACCESS ROAD CONSTRUCTION

TRAFFIC CONTROL PLAN
PHASE I



CLAYTON ARNOLD ROAD AND INTERSECTION WITH PHASE 1 TRAFFIC CONTROL PLAN (CANTERBURY DEVELOPMENT)
 PLOTTED BY: GUYTON/DAVID/1/10/21/2019 10:45 AM LAST UPDATED BY: TROMBAMON/1/10/21/2019 10:45 AM

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 423-890-9400 615-546-9090
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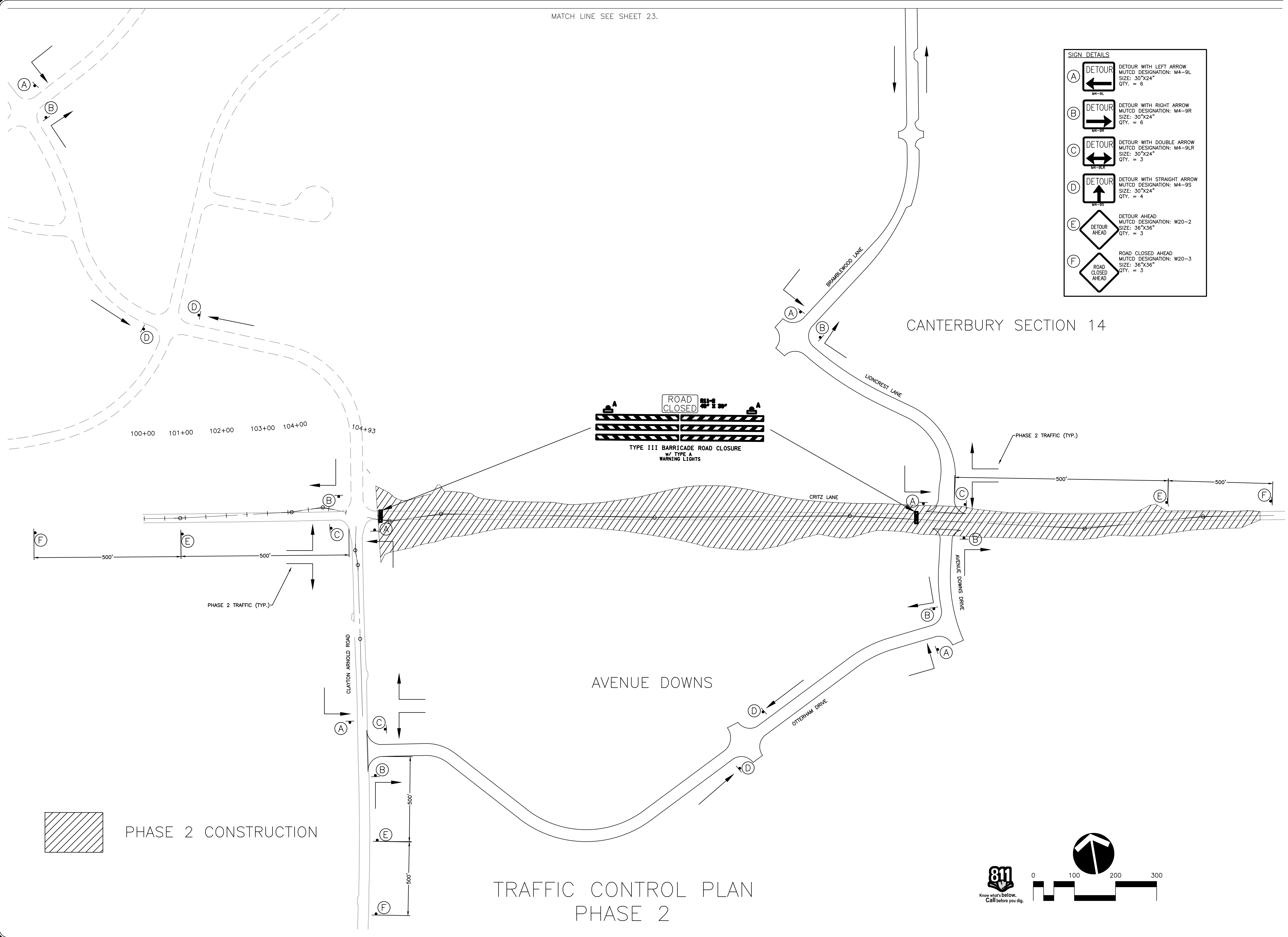


CRITZ LANE IMPROVEMENTS
 FOR
TOWN OF THOMPSON'S STATION, TN
 TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

REV. #	DATE	DESCRIPTION

TRAFFIC CONTROL PLANS

MATCH LINE SEE SHEET 23.



SIGN DETAILS

(A)	DETOUR M4-9L	DETOUR WITH LEFT ARROW MUTCD DESIGNATION: M4-9L SIZE: 30"x24" QTY. = 6
(B)	DETOUR M4-9R	DETOUR WITH RIGHT ARROW MUTCD DESIGNATION: M4-9R SIZE: 30"x24" QTY. = 6
(C)	DETOUR M4-9LR	DETOUR WITH DOUBLE ARROW MUTCD DESIGNATION: M4-9LR SIZE: 30"x24" QTY. = 3
(D)	DETOUR M4-9S	DETOUR WITH STRAIGHT ARROW MUTCD DESIGNATION: M4-9S SIZE: 30"x24" QTY. = 4
(E)	DETOUR AHEAD	DETOUR AHEAD MUTCD DESIGNATION: W20-2 SIZE: 36"x36" QTY. = 3
(F)	ROAD CLOSED AHEAD	ROAD CLOSED AHEAD MUTCD DESIGNATION: W20-3 SIZE: 36"x36" QTY. = 3

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 TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

REV. #	DATE	DESCRIPTION

WK. ORDER	1349
JOB NO.	18190
DESIGNED:	FLR
DRAWN:	FLR
SCALE:	1"=100'
DATE:	JANUARY 14, 2019

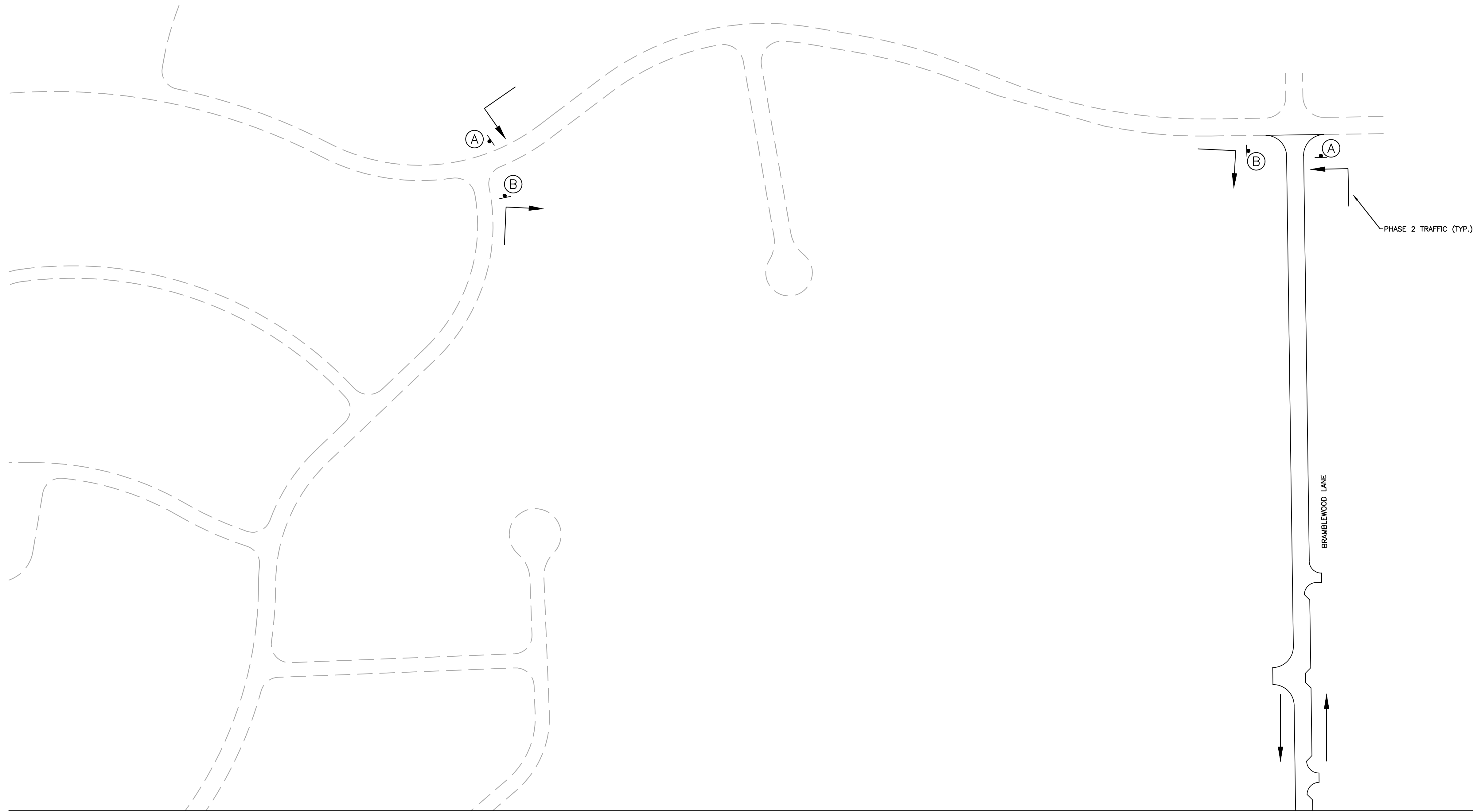
811
 Know what's below.
 Call before you dig.

TRAFFIC CONTROL PLAN
PHASE 2

PHASE 2 CONSTRUCTION

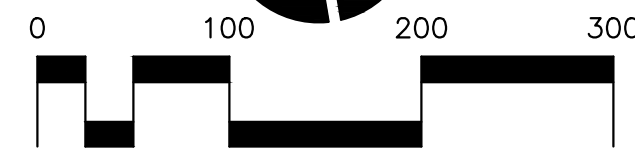
CLAYTON ARNOLD TRAFFIC CONTROL PLAN SHEET 23. TRAFFIC CONTROL PLAN SHEET 23. PLOTTED BY GARDNER ON 1/20/19 11:05 AM. LAST UPDATED BY GARDNER 1/20/19 11:05 AM

CLIPPING AND TRANSMISSIONS ARE PROHIBITED. ALL TRAFFIC CONTROL PLANS & SIGNS
PLOTTED BY COMPUTER ON 11/07/18 10:41 AM. LAST UPDATED BY TSP/AMC/ON 11/07/18 5:27 PM



MATCH LINE SEE SHEET 22.

TRAFFIC CONTROL PLAN PHASE 2



SIGN DETAILS	
(A)	DETOUR M4-9L DETOUR WITH LEFT ARROW MUTCD DESIGNATION: M4-9L SIZE: 30"x24" QTY. = 2
(B)	DETOUR M4-9R DETOUR WITH RIGHT ARROW MUTCD DESIGNATION: M4-9R SIZE: 30"x24" QTY. = 2

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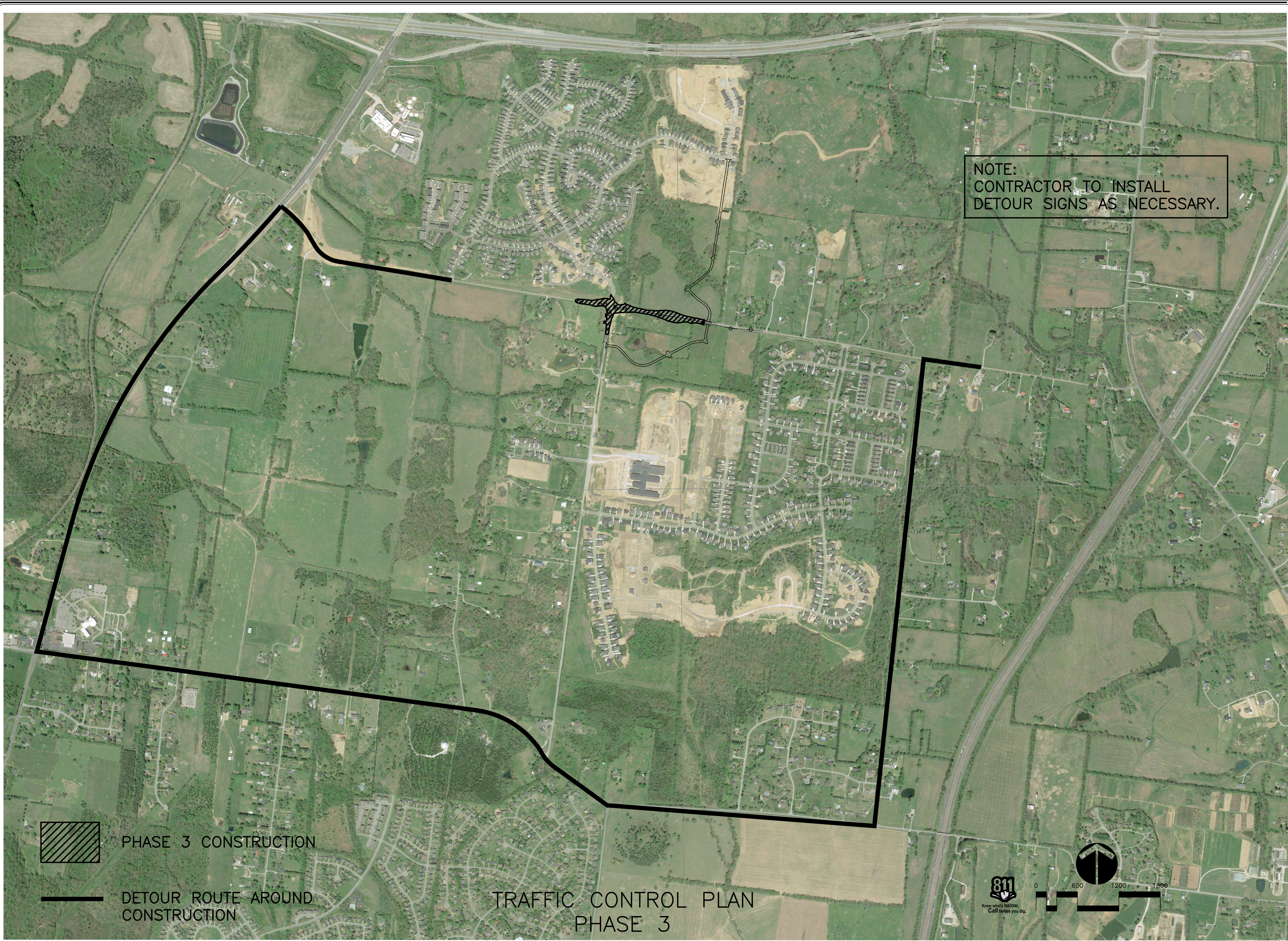
CRITZ LANE IMPROVEMENTS FOR TOWN OF THOMPSON'S STATION, TN

TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

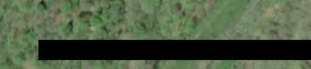
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18190	1349	FLR	FLR	1"=100'	JANUARY 14, 2019			

TRAFFIC CONTROL PLANS

CLIP AND MAIL TRANSMISSIONS ARE PROHIBITED. ALL PLANS AND SPECIFICATIONS ARE THE PROPERTY OF RAGAN SMITH AND SHALL REMAIN THE PROPERTY OF RAGAN SMITH. ANY REPRODUCTION OR TRANSMISSION OF THESE PLANS WITHOUT THE WRITTEN PERMISSION OF RAGAN SMITH IS STRICTLY PROHIBITED. DATE: 01/14/2019 11:17 AM. LAST UPDATED BY: TSP/AMON ON: 1/15/2019 10:48 AM



PHASE 3 CONSTRUCTION



DETOUR ROUTE AROUND CONSTRUCTION

TRAFFIC CONTROL PLAN PHASE 3

NOTE:
CONTRACTOR TO INSTALL
DETOUR SIGNS AS NECESSARY.



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CRITZ LANE IMPROVEMENTS
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JOB NO.	WK. ORDER	DESIGNED:	FLR	DATE	REV. #	DESCRIPTION
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		SCALE:	1"=600'			
		DATE:	JANUARY 14, 2019			

TRAFFIC CONTROL PLANS

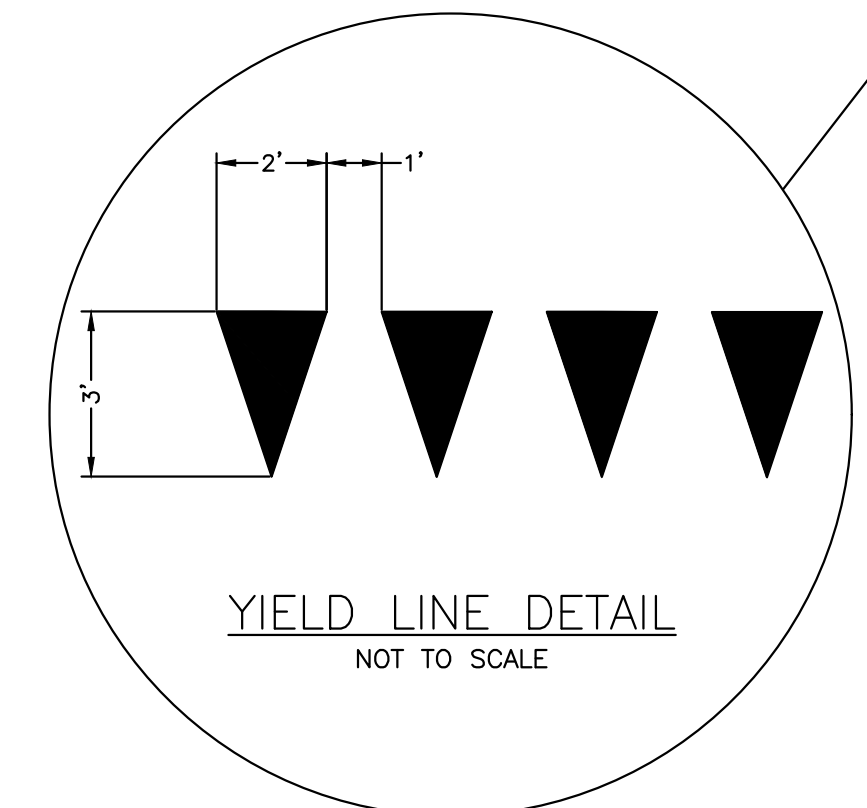
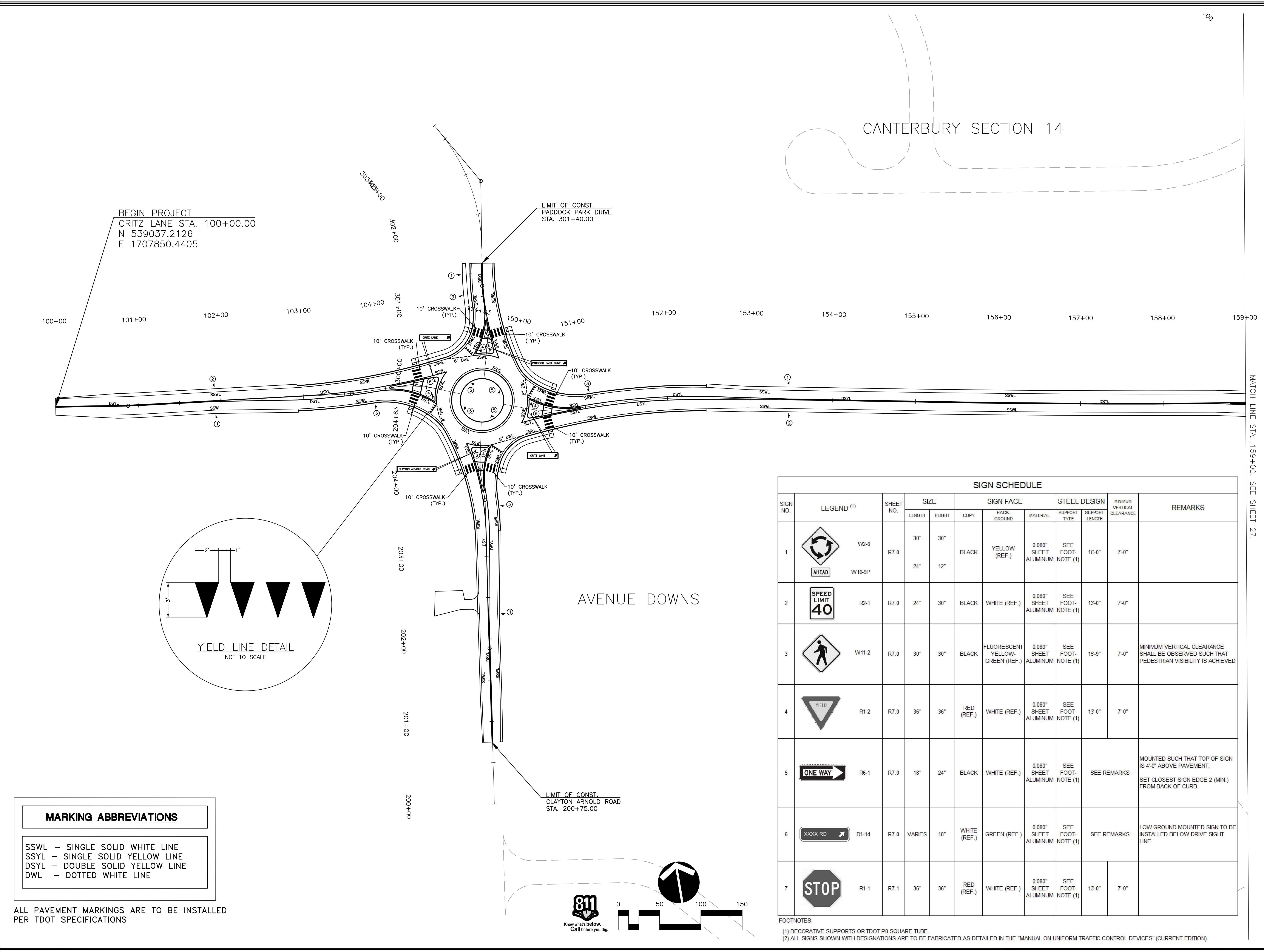
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 TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

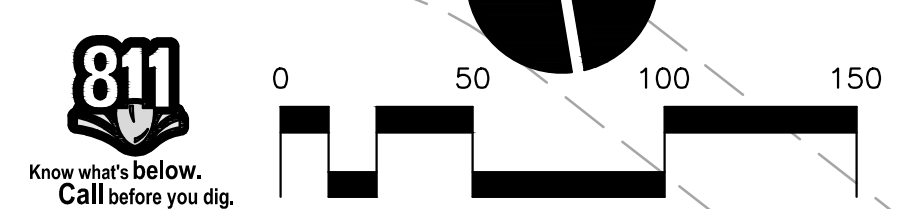
W.K. ORDER	DATE	DESCRIPTION
1349	FLR	
18190	FLR	
	SCALE	1"=50'
	DATE	JANUARY 14, 2019

SIGNING AND PAVEMENT MARKING PLAN



MARKING ABBREVIATIONS	
SSWL	- SINGLE SOLID WHITE LINE
SSYL	- SINGLE SOLID YELLOW LINE
DSYL	- DOUBLE SOLID YELLOW LINE
DWL	- DOTTED WHITE LINE

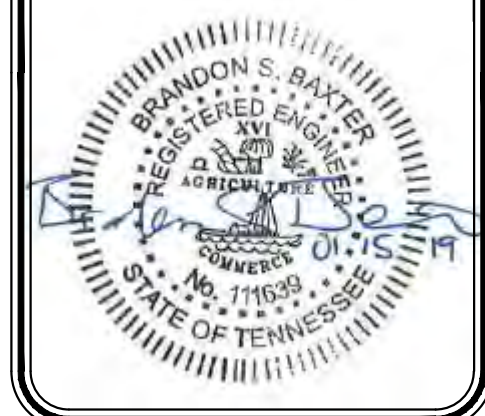
ALL PAVEMENT MARKINGS ARE TO BE INSTALLED PER TDOT SPECIFICATIONS



SIGN NO.	LEGEND (1)	SHEET NO.	SIZE		SIGN FACE			STEEL DESIGN		MINIMUM VERTICAL CLEARANCE	REMARKS
			LENGTH	HEIGHT	COPY	BACK-GROUND	MATERIAL	SUPPORT TYPE	SUPPORT LENGTH		
1	W2-6 W16-9P	R7.0	30"	30"	BLACK	YELLOW (REF.)	0.080" SHEET ALUMINUM	SEE FOOT-NOTE (1)	15-0"	7-0"	
2	R2-1	R7.0	24"	30"	BLACK	WHITE (REF.)	0.080" SHEET ALUMINUM	SEE FOOT-NOTE (1)	13-0"	7-0"	
3	W11-2	R7.0	30"	30"	BLACK	FLUORESCENT YELLOW-GREEN (REF.)	0.080" SHEET ALUMINUM	SEE FOOT-NOTE (1)	15-9"	7-0"	MINIMUM VERTICAL CLEARANCE SHALL BE OBSERVED SUCH THAT PEDESTRIAN VISIBILITY IS ACHIEVED
4	R1-2	R7.0	36"	36"	RED (REF.)	WHITE (REF.)	0.080" SHEET ALUMINUM	SEE FOOT-NOTE (1)	13-0"	7-0"	
5	R6-1	R7.0	18"	24"	BLACK	WHITE (REF.)	0.080" SHEET ALUMINUM	SEE FOOT-NOTE (1)	SEE REMARKS		MOUNTED SUCH THAT TOP OF SIGN IS 4'-0" ABOVE PAVEMENT. SET CLOSEST SIGN EDGE 2' (MIN.) FROM BACK OF CURB.
6	D1-1d	R7.0	VARIES	18"	WHITE (REF.)	GREEN (REF.)	0.080" SHEET ALUMINUM	SEE FOOT-NOTE (1)	SEE REMARKS		LOW GROUND MOUNTED SIGN TO BE INSTALLED BELOW DRIVE SIGHT LINE
7	R1-1	R7.1	36"	36"	RED (REF.)	WHITE (REF.)	0.080" SHEET ALUMINUM	SEE FOOT-NOTE (1)	13-0"	7-0"	

FOOTNOTES:
 (1) DECORATIVE SUPPORTS OR TDOT P8 SQUARE TUBE.
 (2) ALL SIGNS SHOWN WITH DESIGNATIONS ARE TO BE FABRICATED AS DETAILED IN THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (CURRENT EDITION).

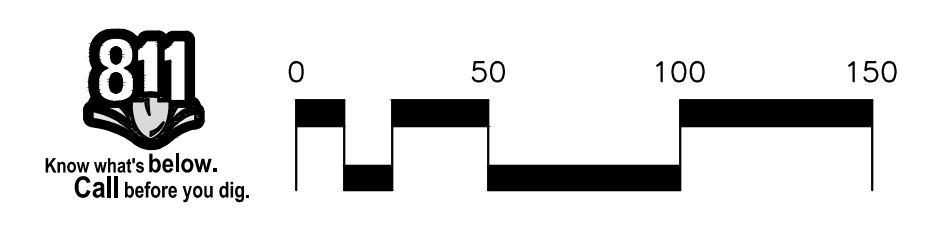
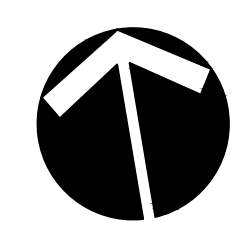
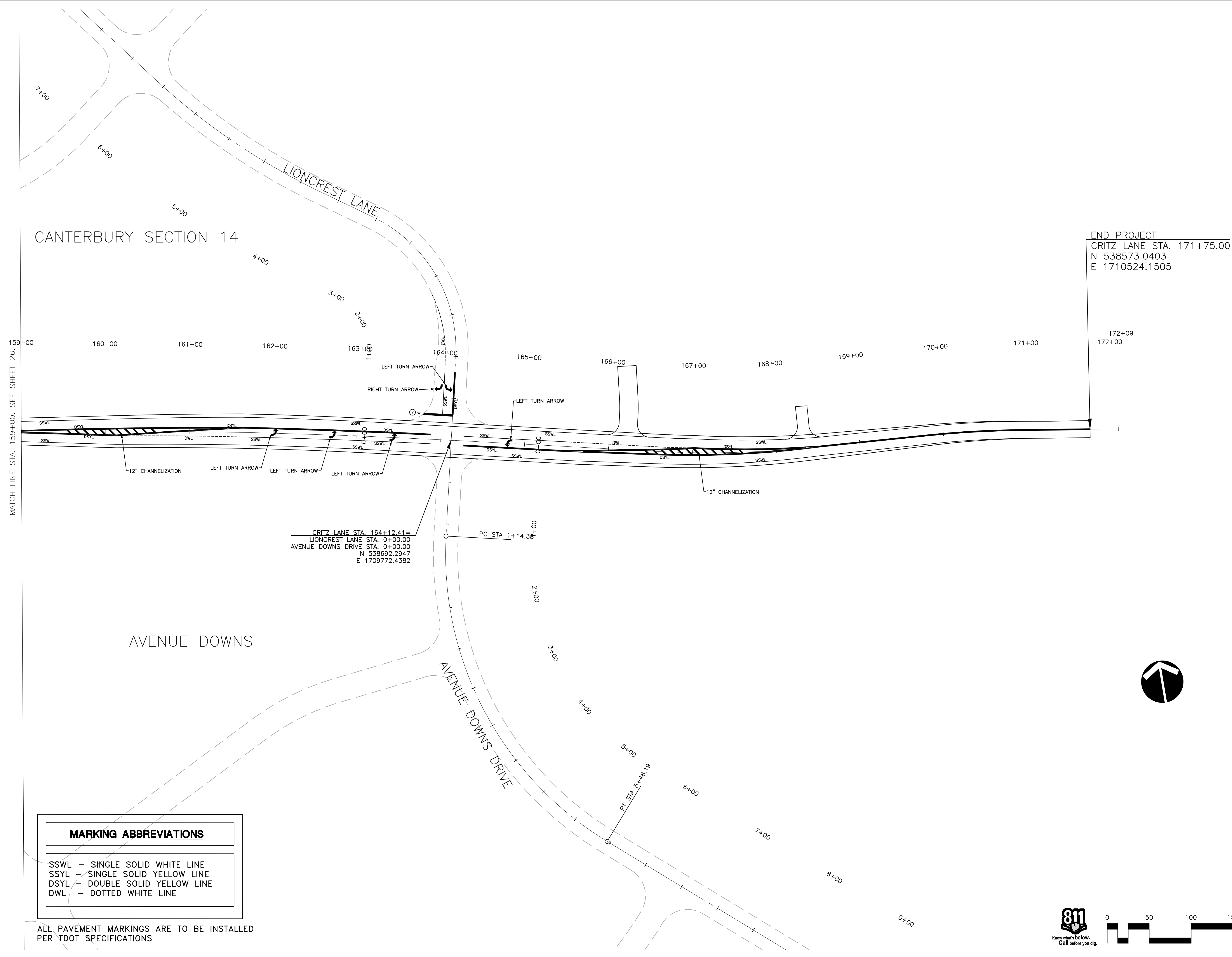
CLAYTON ARNOLD TRANSDISCIPLINARY REGISTERED PROFESSIONAL ENGINEER AND SURVEYOR, STATE OF TENNESSEE, LICENSE NO. 11659
 PLOTTED BY CLAYTON ARNOLD ON 11/07/19 10:52 AM. LAST UPDATED BY CLAYTON ARNOLD ON 11/07/19 10:52 AM



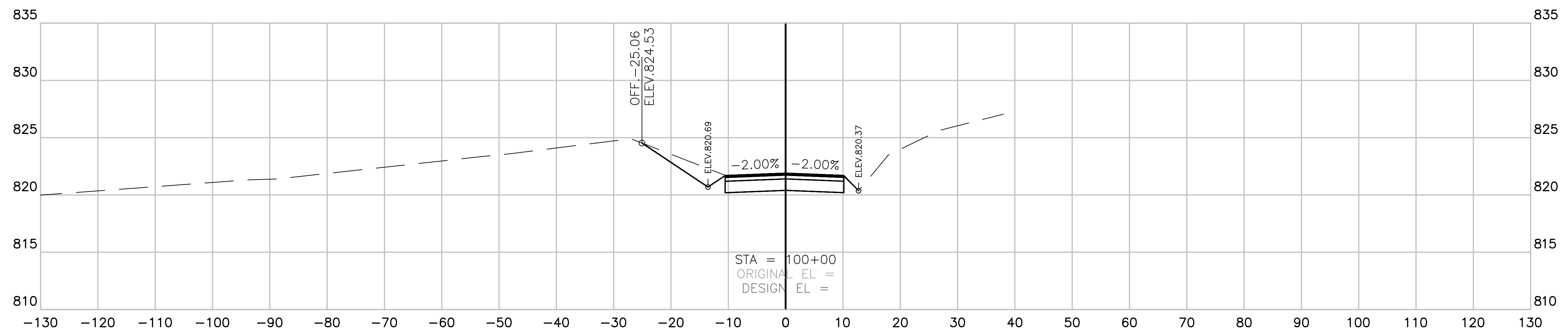
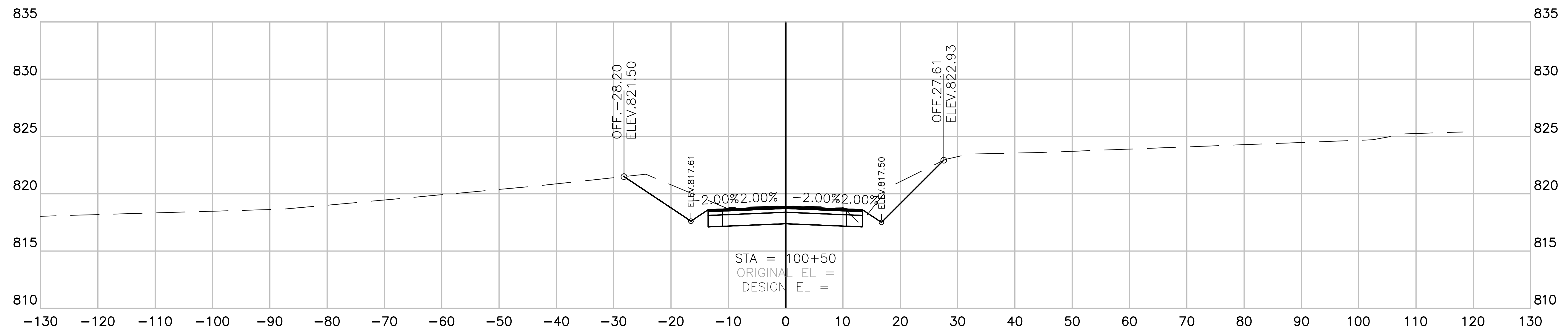
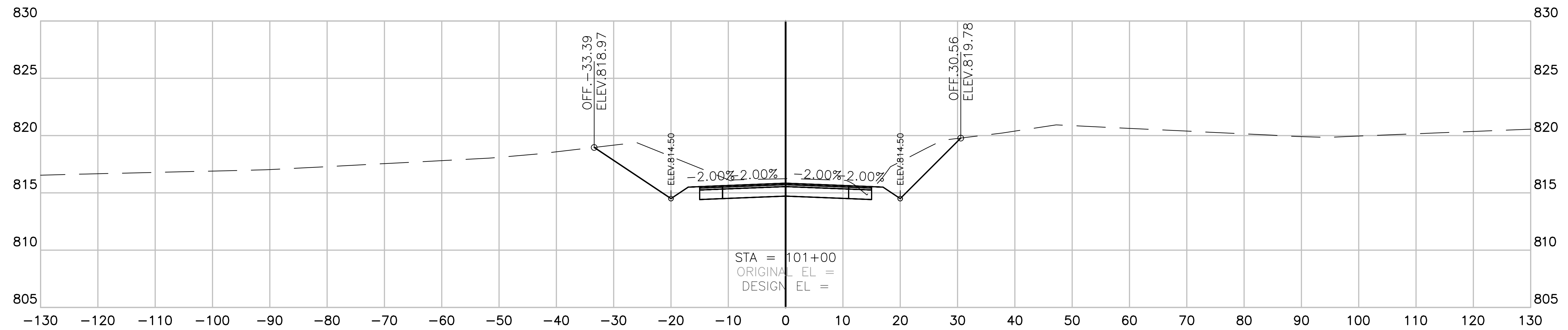
CRITZ LANE IMPROVEMENTS
 FOR
TOWN OF THOMPSON'S STATION, TN
 TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

JOB NO.	WK. ORDER	DESIGNED:	DRAWN:	SCALE:	DATE:	REV.	DESCRIPTION:
18190	1349	FLR	FLR	1"=50'	JANUARY 14, 2019		

SIGNING AND PAVEMENT MARKING PLAN
26



CIVIL AND LAND SURVEYING PROFESSIONAL AND REGISTERED ENGINEER, BRADY AND ASSOCIATES, INC. 1/15/2019 11:00 AM
 PLOTTED BY: C:\WORK\18190\18190.dwg
 PLOT DATE: 1/15/2019 11:00 AM
 PLOT SCALE: 1"=50'
 PLOT BY: C:\WORK\18190\18190.dwg
 PLOT DATE: 1/15/2019 11:00 AM
 PLOT SCALE: 1"=50'



CRITZ LANE
 SECTION VIEW: 1"=10' HORIZONTAL
 1"=5' VERTICAL

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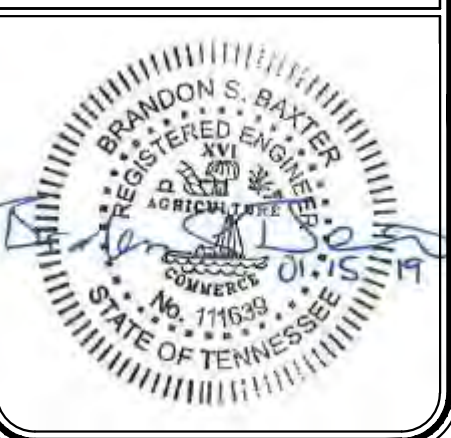
CRITZ LANE IMPROVEMENTS
 FOR
TOWN OF THOMPSON'S STATION, TN
 TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

JOB NO.	WK. ORDER	DESIGNED:	FLR	DRAWN:	FLR	SCALE:	AS SHOWN	DATE:	JANUARY 14, 2019	REV. #	DESCRIPTION:
18190	1349										

CROSS SECTIONS

X1

CRITZ LANE IMPROVEMENTS FOR TOWN OF THOMPSON'S STATION, TN
 PLOTTED BY: GARDNER ON 1/15/2019 11:51 AM. LAST UPDATED BY: GARDNER ON 1/15/2019 11:51 AM.



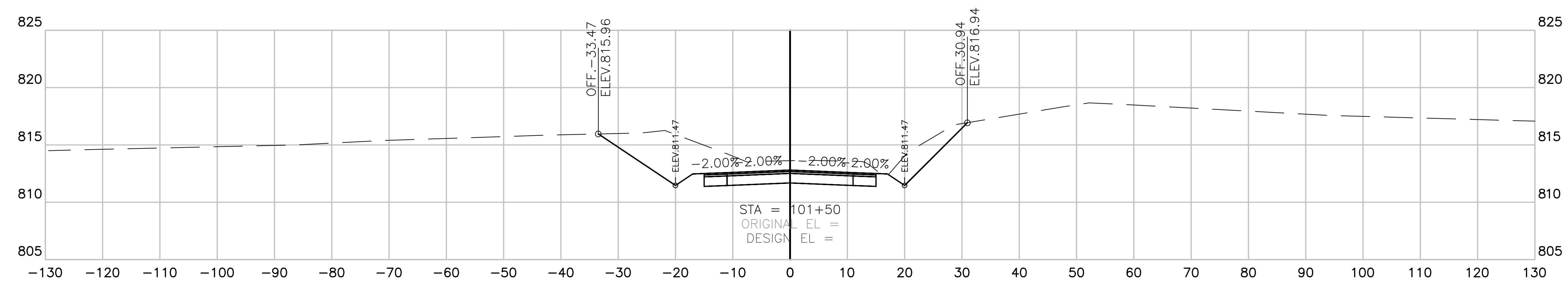
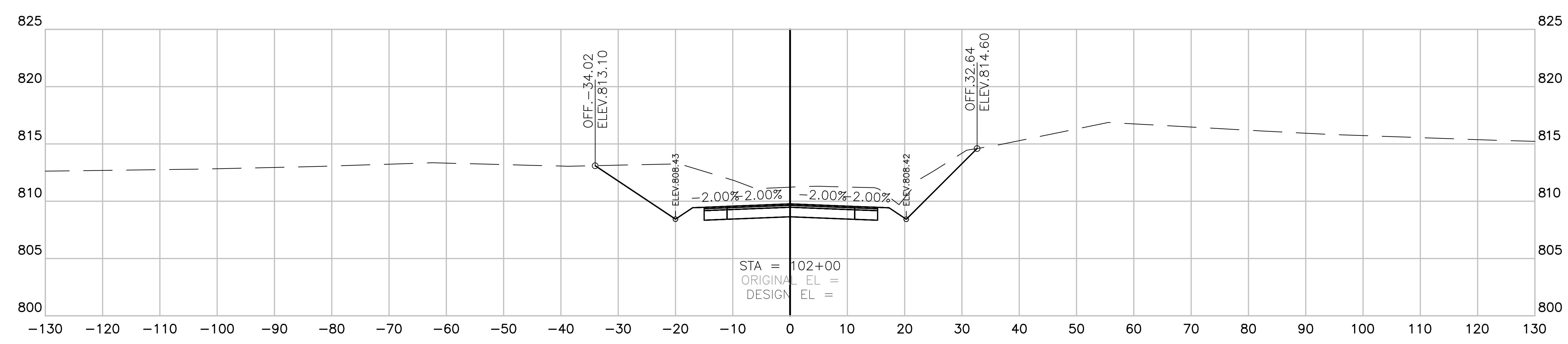
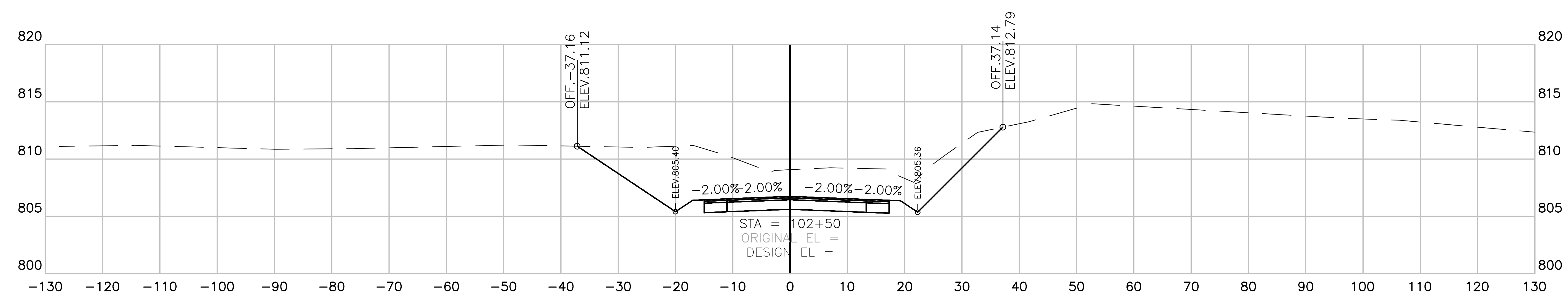
CRITZ LANE IMPROVEMENTS
 FOR
TOWN OF THOMPSON'S STATION, TN
 TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

REV. #	DATE	DESCRIPTION

JOB NO. 18190	DESIGNED: FLR	DRAWN: FLR	SCALE: AS SHOWN	DATE: JANUARY 14, 2019
WK. ORDER 1349				

CROSS SECTIONS

X2



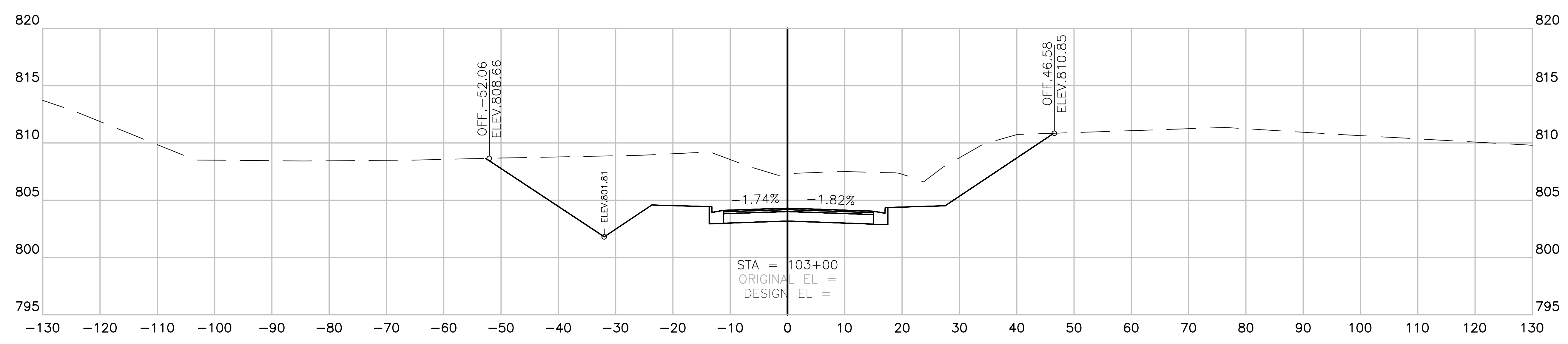
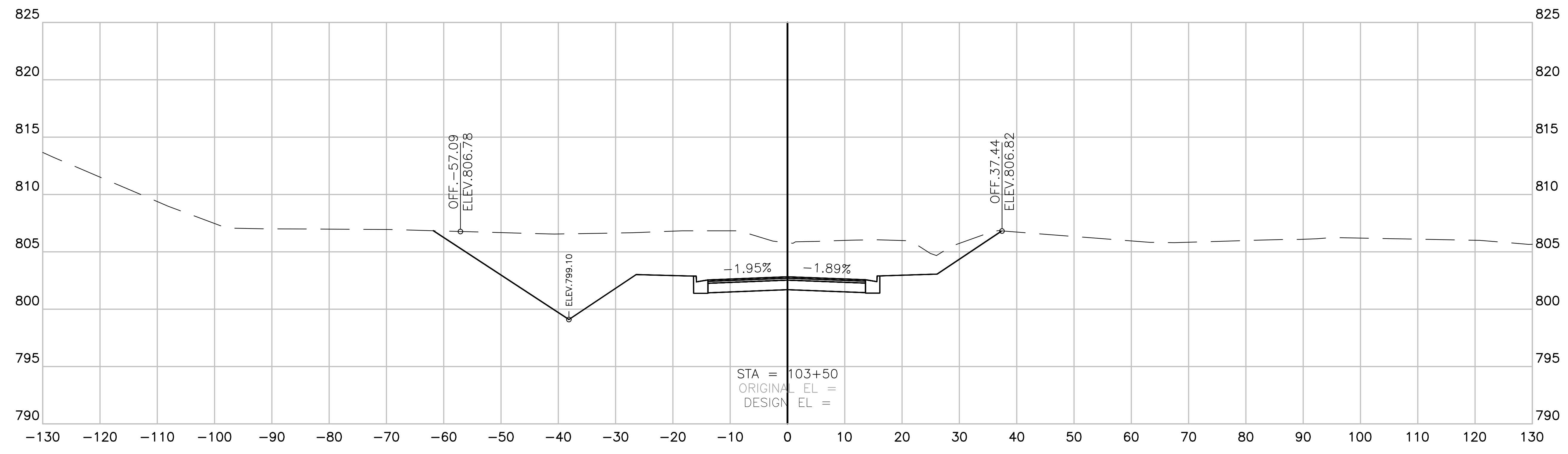
CRITZ LANE
 SECTION VIEW: 1"=10' HORIZONTAL
 1"=5' VERTICAL



CRITZ LANE IMPROVEMENTS
 FOR
TOWN OF THOMPSON'S STATION, TN
 TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

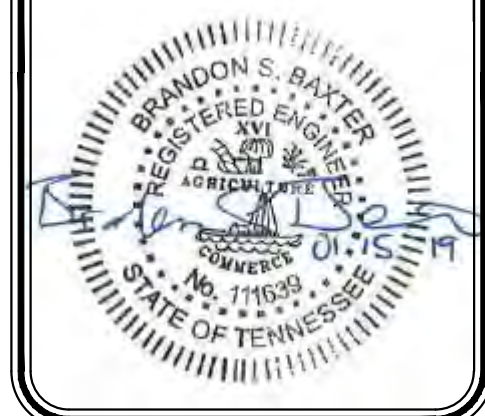
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18190	1349										

CROSS SECTIONS
X3



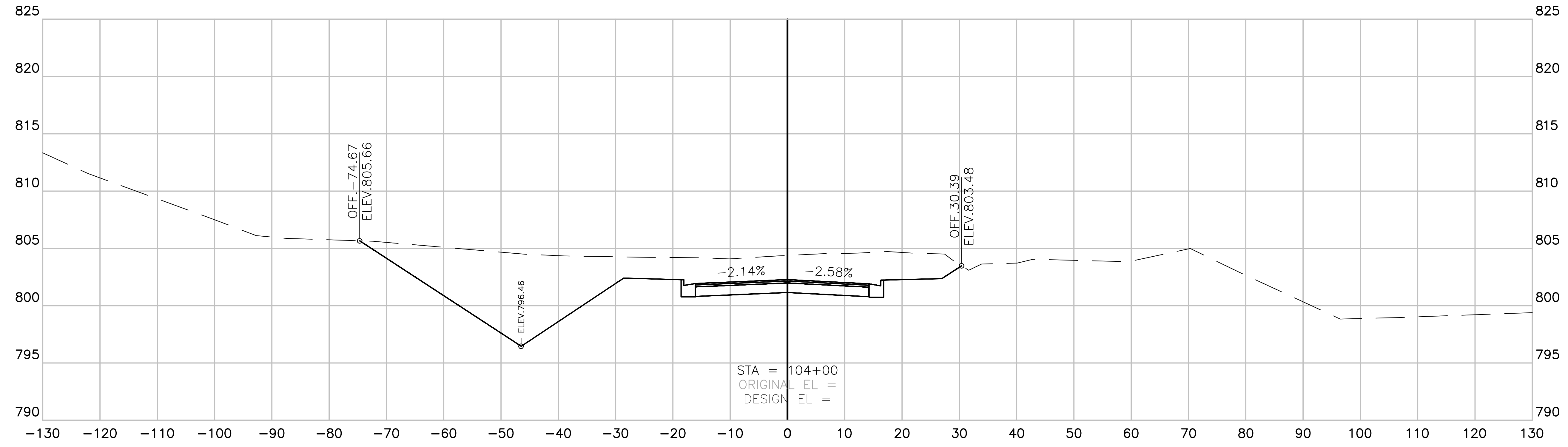
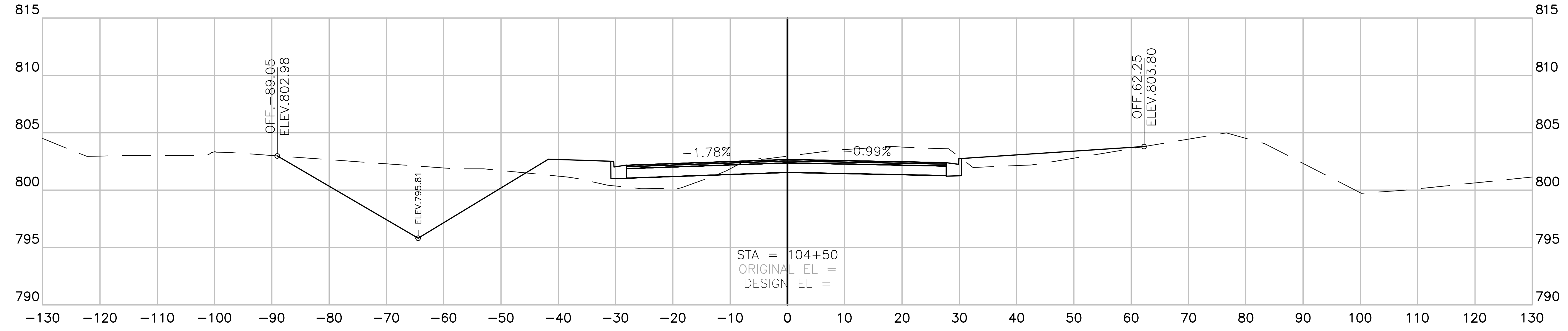
CRITZ LANE
 SECTION VIEW: 1"=10' HORIZONTAL
 1"=5' VERTICAL

CRITZ LANE IMPROVEMENTS FOR TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE
 PLOTTED BY: GARDNER ON 1/15/2019 11:51 AM. LAST UPDATED BY: GARDNER ON 1/15/2019 11:51 AM.



CRITZ LANE IMPROVEMENTS
 FOR
TOWN OF THOMPSON'S STATION, TN
 TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

JOB NO.	18190	DESIGNED:	FLR	DRAWN:	FLR	SCALE:	AS SHOWN	DATE:	JANUARY 14, 2019
WK. ORDER	1349	REV.		DATE		DESCRIPTION			



CRITZ LANE
 SECTION VIEW: 1"=10' HORIZONTAL
 1"=5' VERTICAL

X4

CRITZ LANE IMPROVEMENTS FOR TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE
 PLOTTED BY: GARDNER ON 1/15/2019 11:51 AM. LAST UPDATED BY: GARDNER ON 1/15/2019 11:51 AM

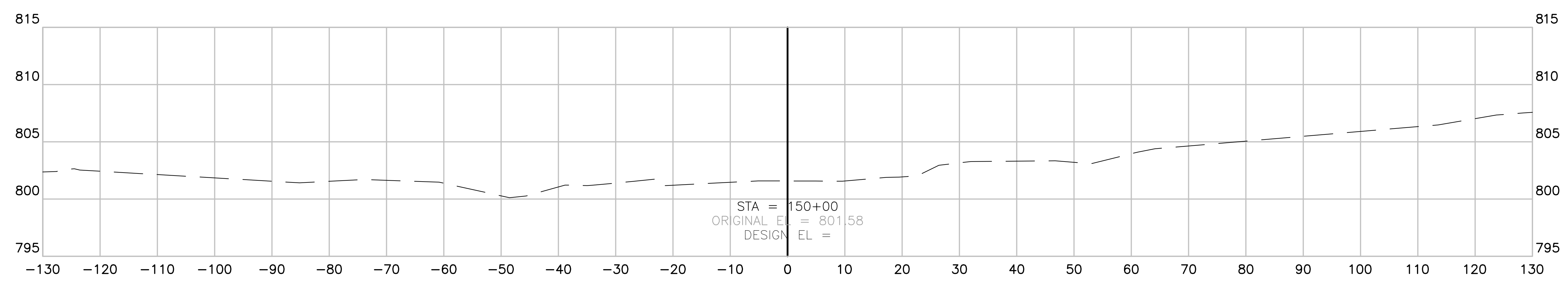
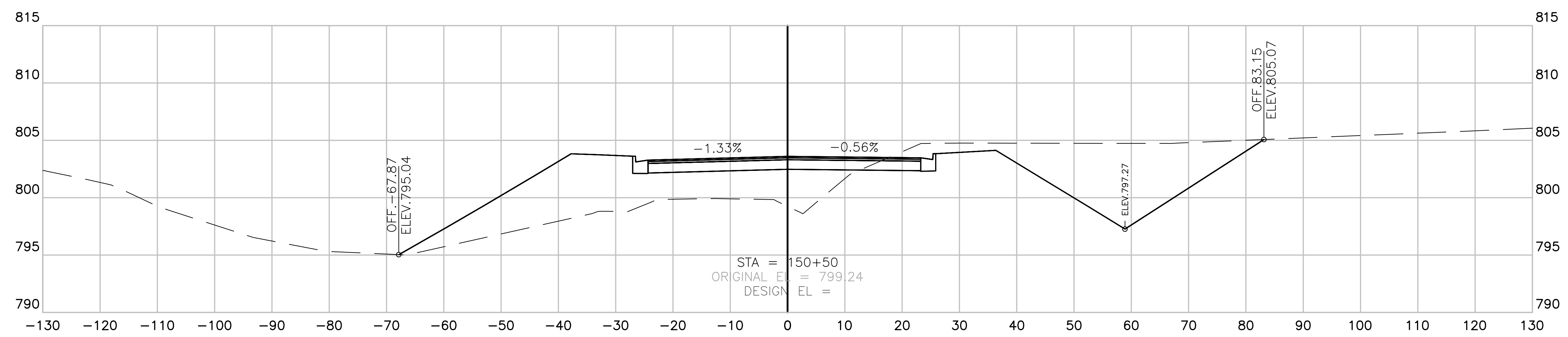
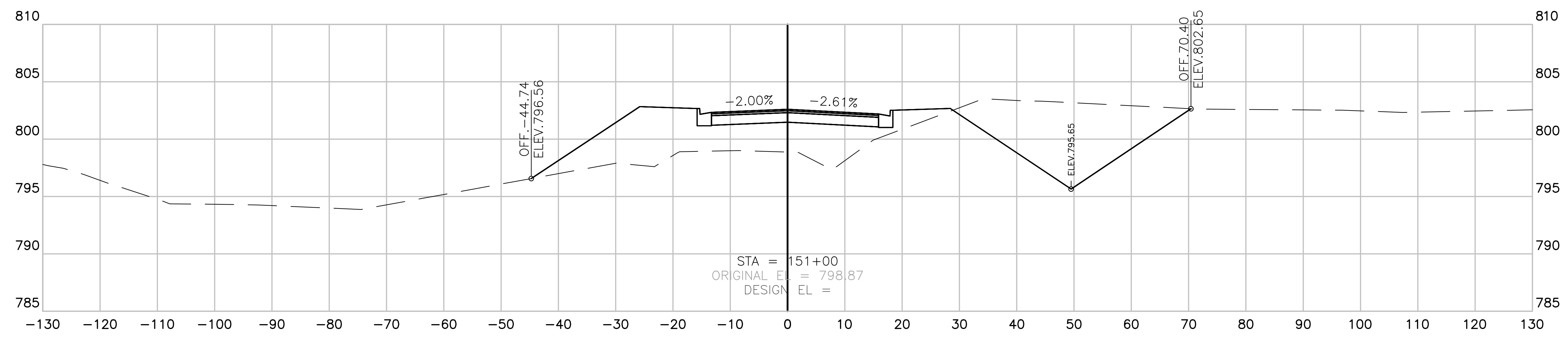


CRITZ LANE IMPROVEMENTS
 FOR
TOWN OF THOMPSON'S STATION, TN
 TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

JOB NO.	WK. ORDER	DESIGNED:	FLR	DRAWN:	FLR	SCALE:	AS SHOWN	DATE:	REV. #	DESCRIPTION:
18190	1349							JANUARY 14, 2019		

CROSS SECTIONS

X5



CRITZ LANE
 SECTION VIEW: 1"=10' HORIZONTAL
 1"=5' VERTICAL

CRITZ LANE IMPROVEMENTS FOR TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE
 PLOTTED BY: G. W. HARRIS ON 1/15/2019 9:51 AM. LAST UPDATED BY: G. W. HARRIS ON 1/15/2019 9:51 AM.

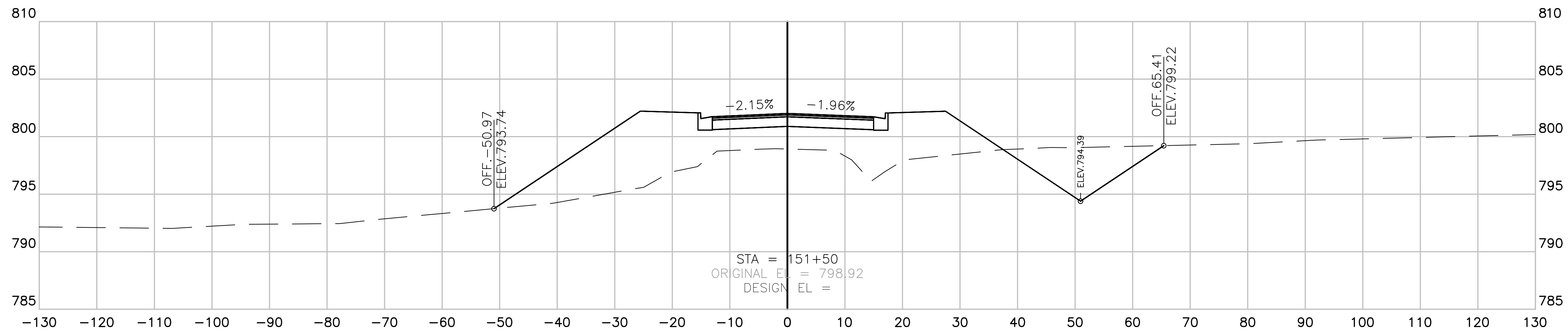
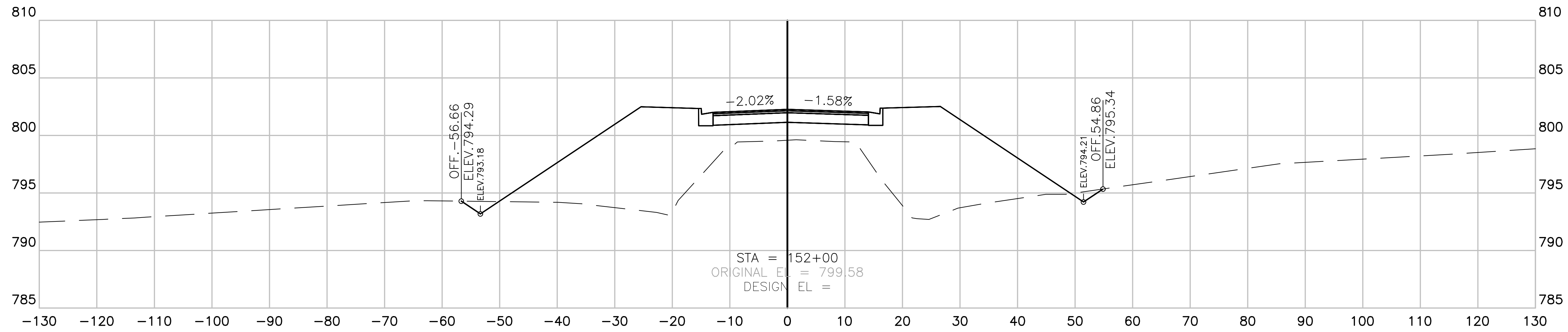
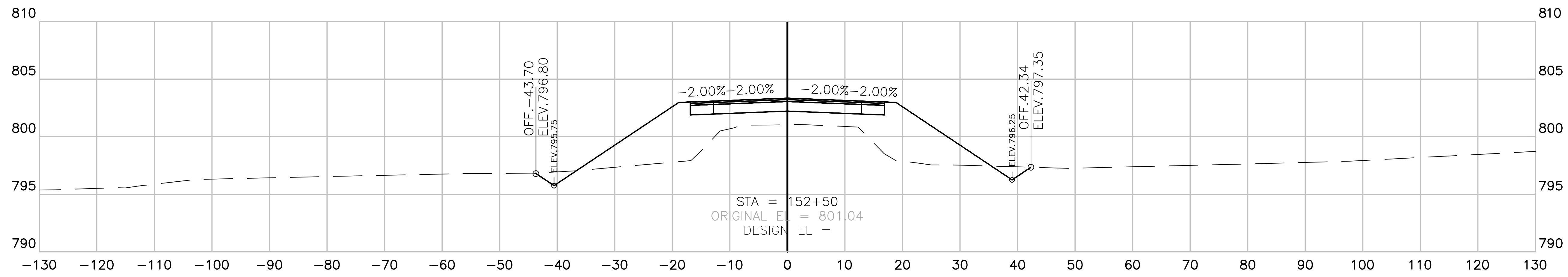


CRITZ LANE IMPROVEMENTS
 FOR
TOWN OF THOMPSON'S STATION, TN
 TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

JOB NO.	W.K. ORDER	DESIGNED:	FLR	DRAWN:	FLR	SCALE:	AS SHOWN	DATE:	JANUARY 14, 2019	REV. #	DESCRIPTION:
18190	1349										

CROSS SECTIONS

X6



CRITZ LANE
 SECTION VIEW: 1"=10' HORIZONTAL
 1"=5' VERTICAL

CRITZ LANE IMPROVEMENTS FOR TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE
 PLOTTED BY: GREGORY M. HARRIS
 DATE: 1/14/2019 11:51 AM
 LAST UPDATED BY: GREGORY M. HARRIS
 DATE: 1/14/2019 11:51 AM

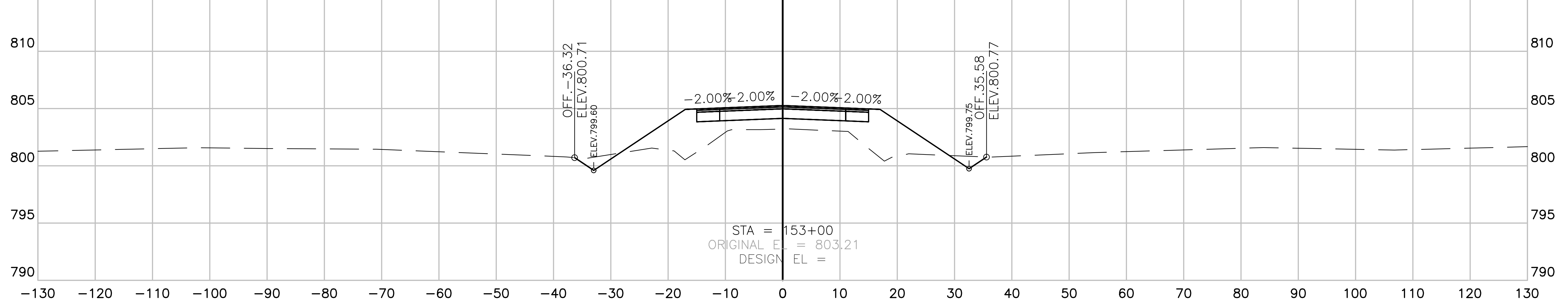
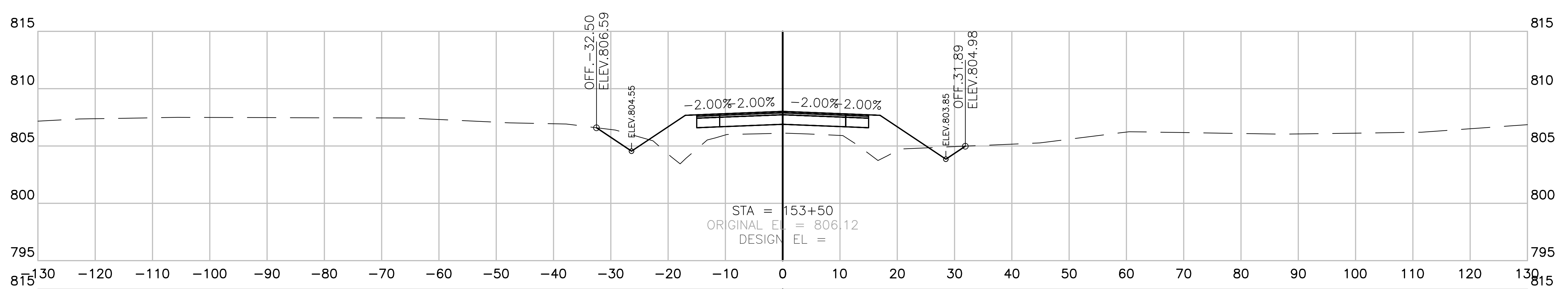
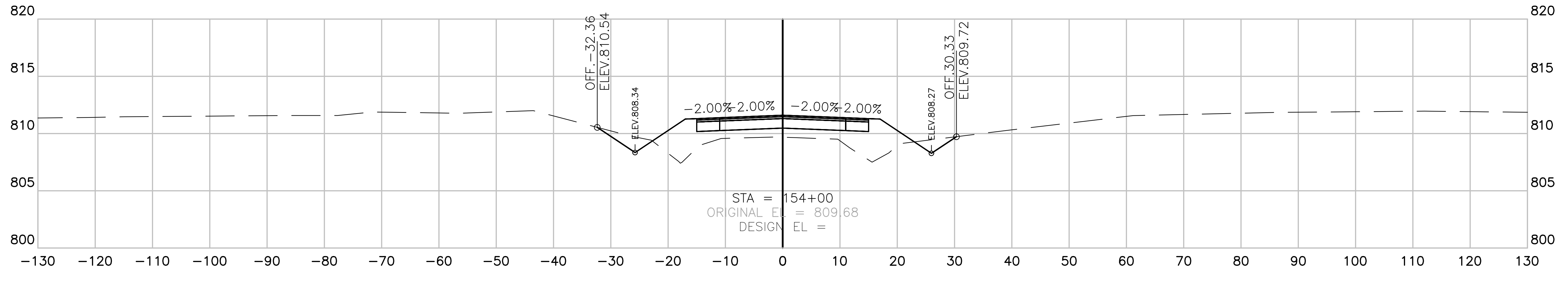
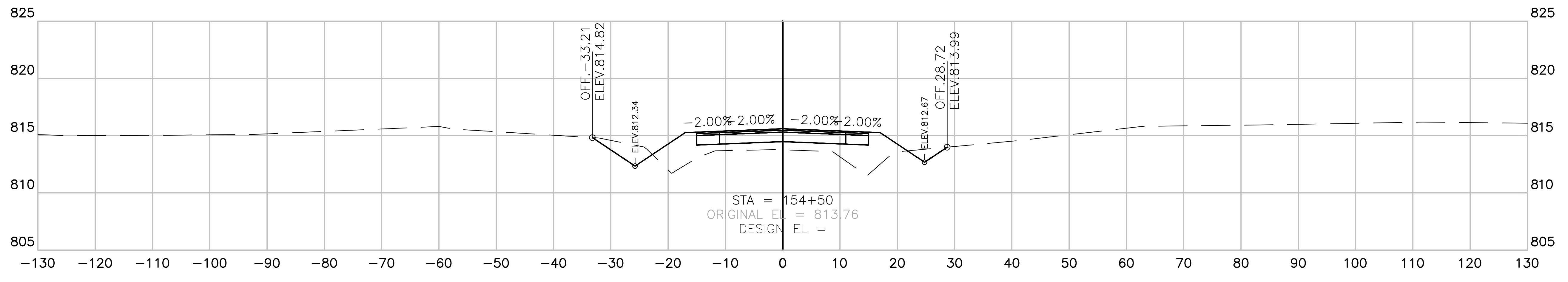


CRITZ LANE IMPROVEMENTS
 FOR
TOWN OF THOMPSON'S STATION, TN
 TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

JOB NO.	WK. ORDER	DESIGNED:	DRAWN:	SCALE:	DATE:	REV. #	DATE	DESCRIPTION:
18190	1349	FLR	FLR	AS SHOWN	JANUARY 14, 2019			

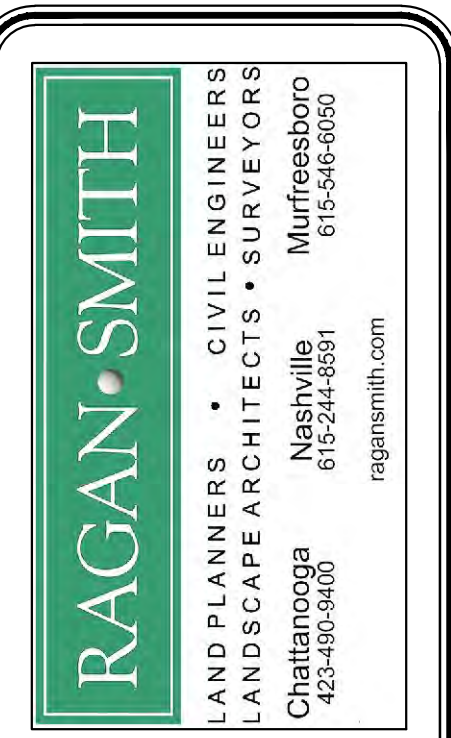
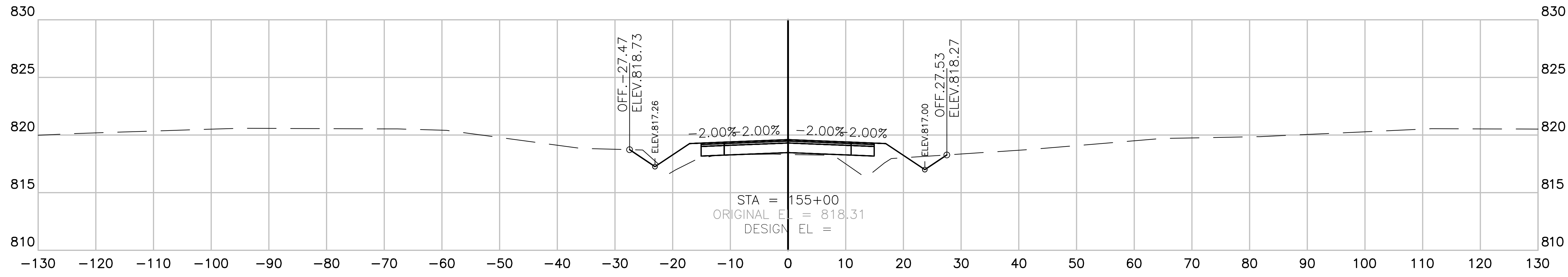
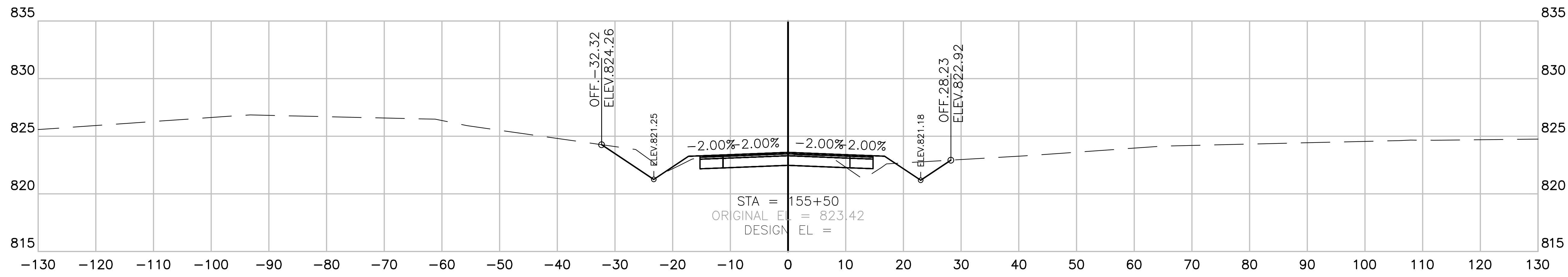
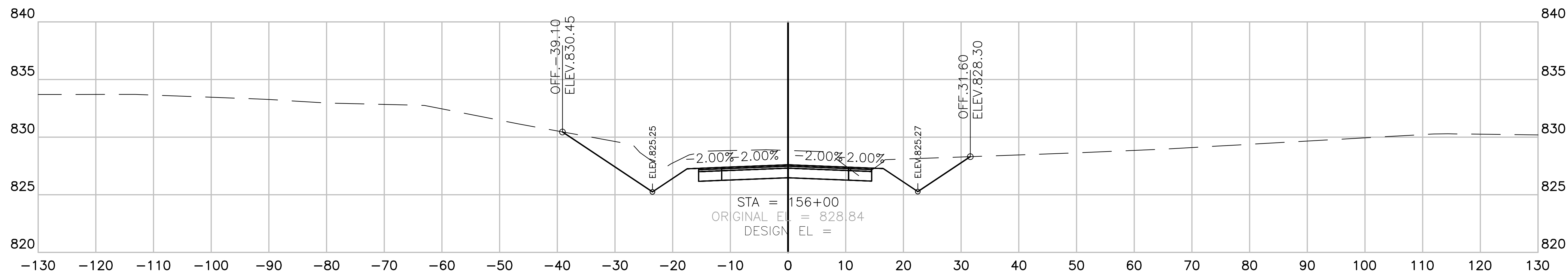
CROSS SECTIONS

X7



CRITZ LANE
 SECTION VIEW: 1"=10' HORIZONTAL
 1"=5' VERTICAL

CRITZ LANE IMPROVEMENTS FOR TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE
 PLOTTED BY: GREGORY S. WILSON
 DATE: JANUARY 14, 2019



CRITZ LANE IMPROVEMENTS
 FOR
TOWN OF THOMPSON'S STATION, TN
 TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

JOB NO.	W.K. ORDER	DESIGNED:	DRAWN:	SCALE:	DATE:	REV.	DESCRIPTION:
18190	1349	FLR	FLR	AS SHOWN	JANUARY 14, 2019	#	

CROSS SECTIONS

X8

CRITZ LANE
 SECTION VIEW: 1"=10' HORIZONTAL
 1"=5' VERTICAL

CRITZ LANE IMPROVEMENTS FOR TOWN OF THOMPSON'S STATION, TN
 PLOTTED BY: GREGORY M. WOODRUFF, DATE: 1/14/2019 10:58 AM

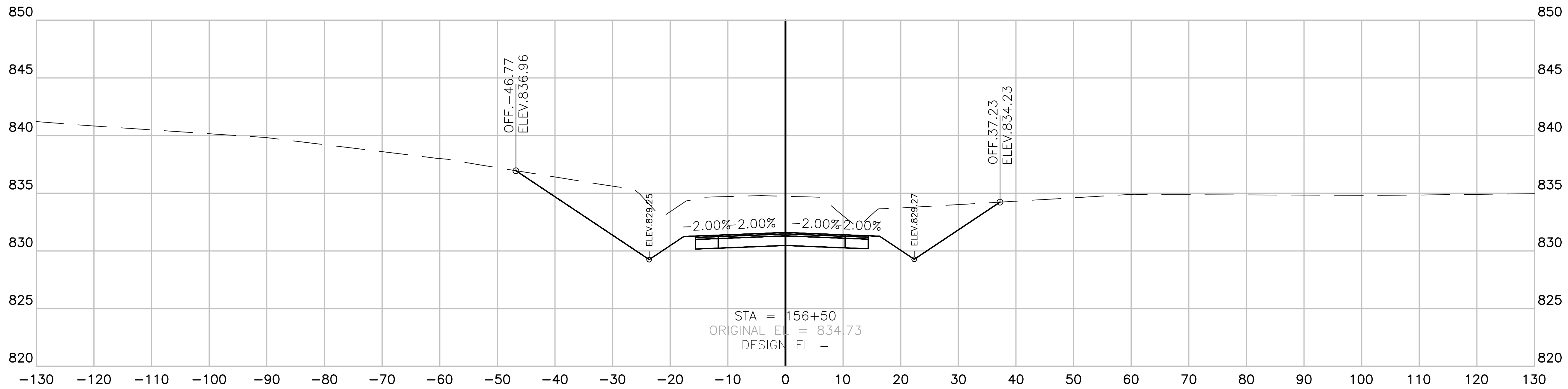
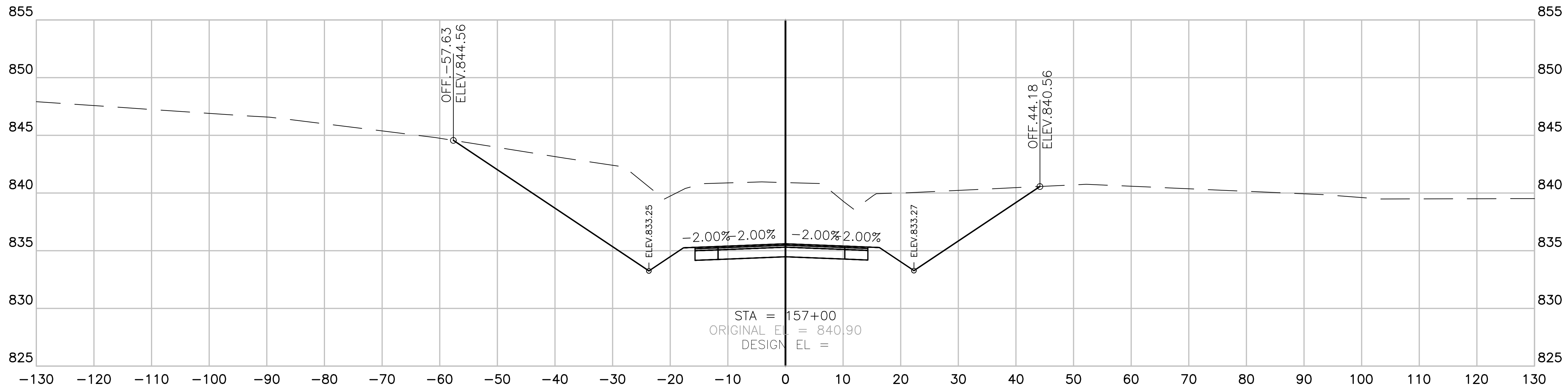


CRITZ LANE IMPROVEMENTS
 FOR
TOWN OF THOMPSON'S STATION, TN
 TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

JOB NO.	WK. ORDER	DESIGNED:	DRAWN:	SCALE:	DATE:	REV. #	DESCRIPTION:
18190	1349	FLR	FLR	AS SHOWN	JANUARY 14, 2019		

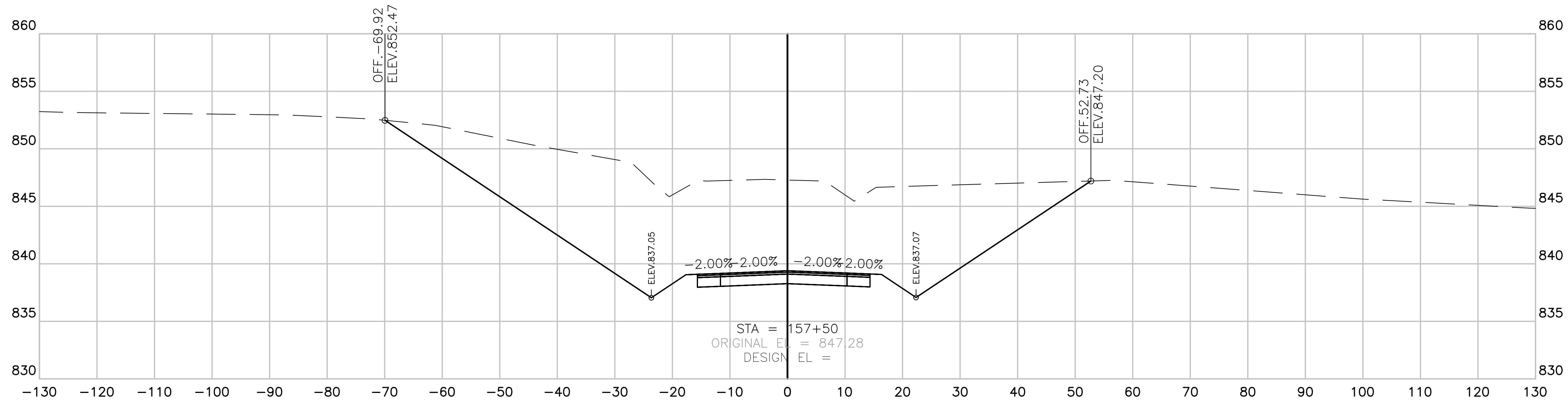
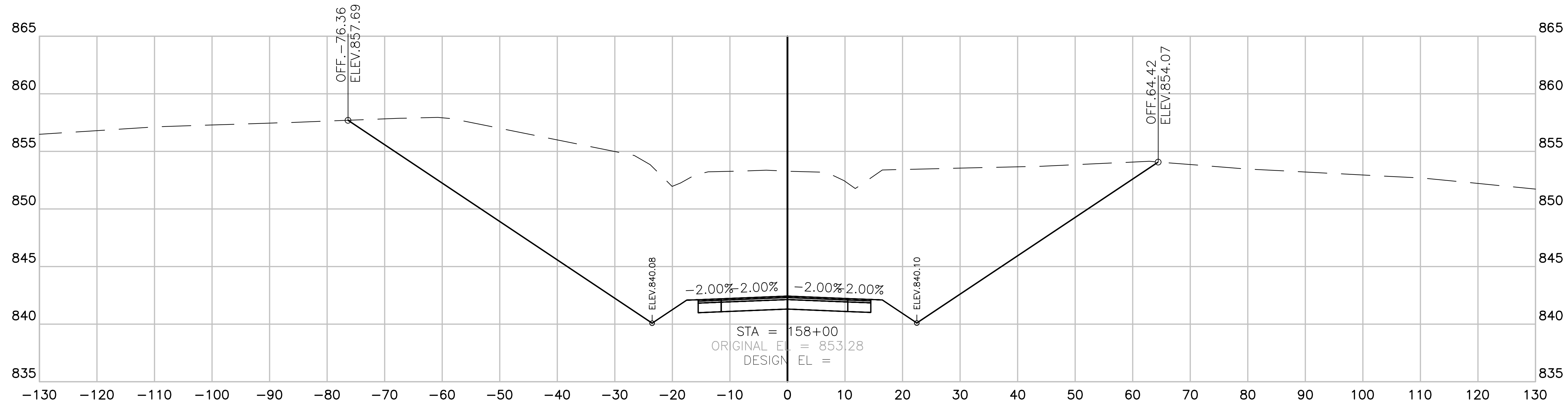
CROSS SECTIONS

X9



CRITZ LANE
 SECTION VIEW: 1"=10' HORIZONTAL
 1"=5' VERTICAL

CRITZ LANE IMPROVEMENTS FOR TOWN OF THOMPSON'S STATION, TN
 PLOTTED BY: GARDNER ON 1/15/2019 10:58 AM. LAST UPDATED BY: GARDNER ON 1/15/2019 10:58 AM.



CRITZ LANE
 SECTION VIEW: 1"=10' HORIZONTAL
 1"=5' VERTICAL

RAGAN SMITH
 LAND PLANNERS • CIVIL ENGINEERS
 LANDSCAPE ARCHITECTS • SURVEYORS
 Chattanooga 423-890-9400
 Nashville 615-244-8391
 Murfreesboro 615-546-9050
 ragan@smith.com



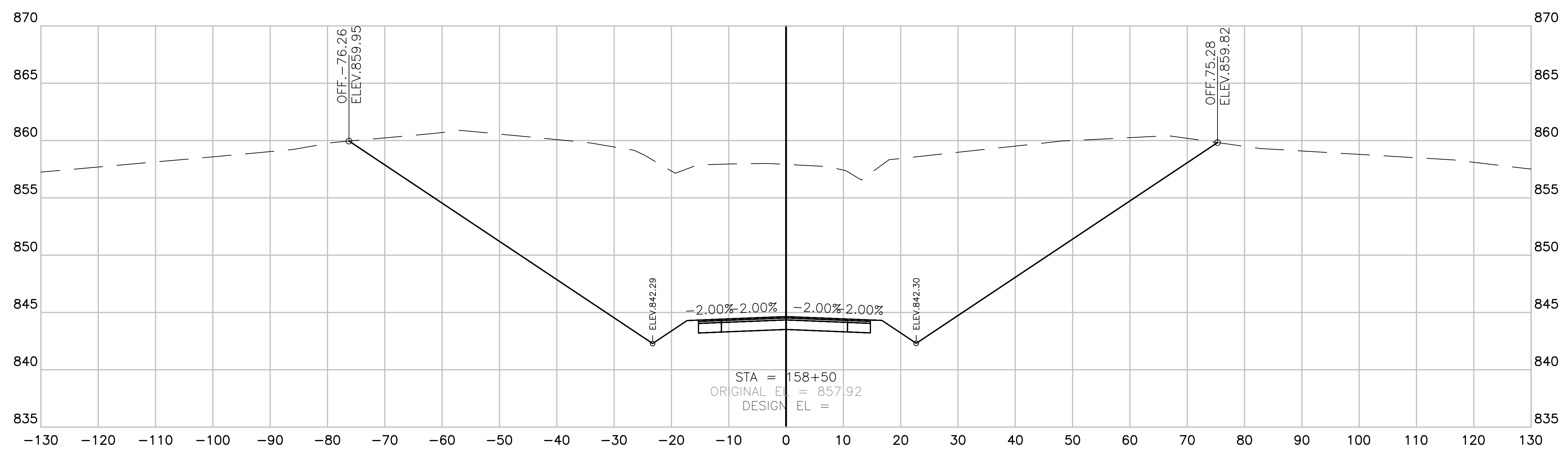
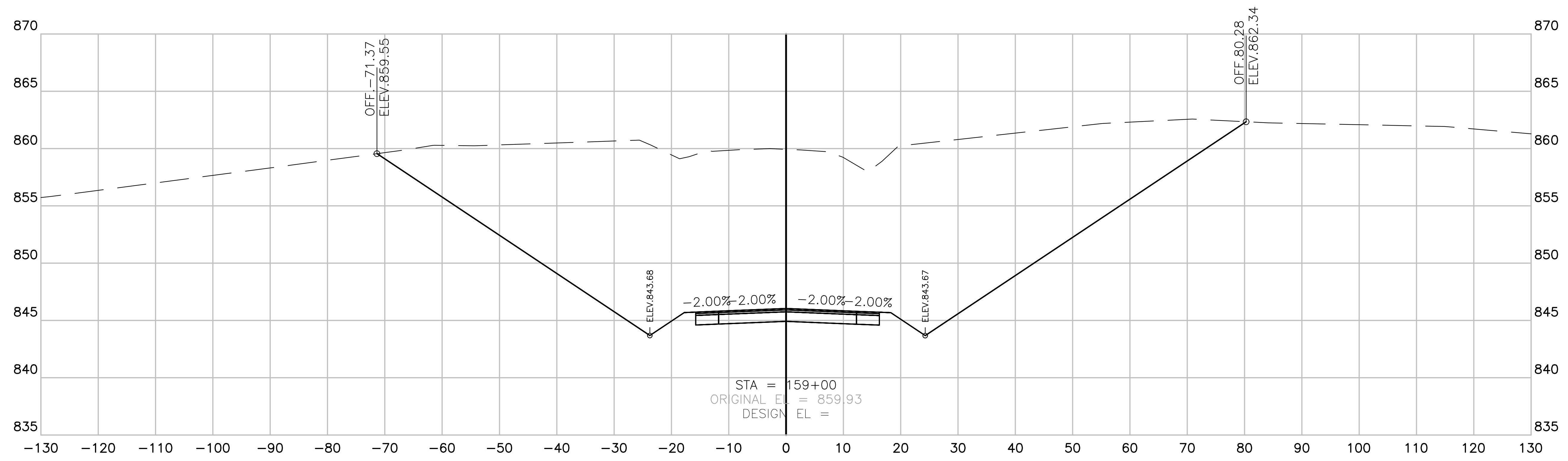
CRITZ LANE IMPROVEMENTS
 FOR
TOWN OF THOMPSON'S STATION, TN

TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

JOB NO.	WK. ORDER	DESIGNED:	DRAWN:	SCALE:	DATE:	REV. #	DESCRIPTION:
18190	1349	FLR	FLR	AS SHOWN	JANUARY 14, 2019		

CROSS SECTIONS

X10



CRITZ LANE
SECTION VIEW: 1"=10' HORIZONTAL
1"=5' VERTICAL

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LANDSCAPE ARCHITECTS • SURVEYORS
Chattanooga 423-890-9400
Nashville 615-244-8591
Murfreesboro 615-546-9050
ragansmith.com



CRITZ LANE IMPROVEMENTS
FOR
TOWN OF THOMPSON'S STATION, TN
TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

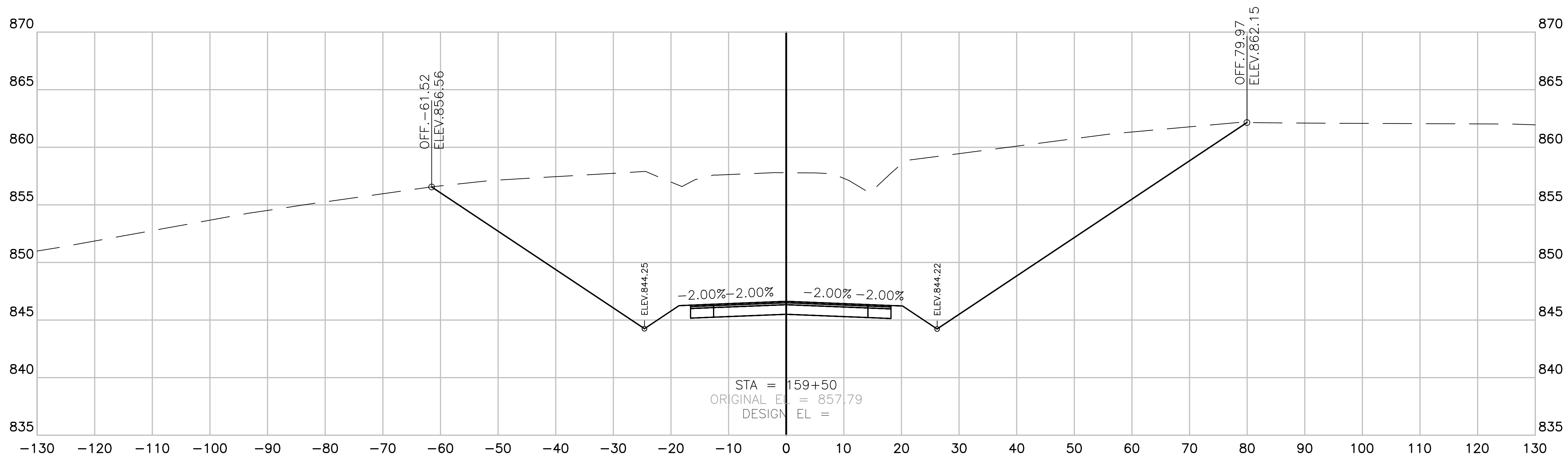
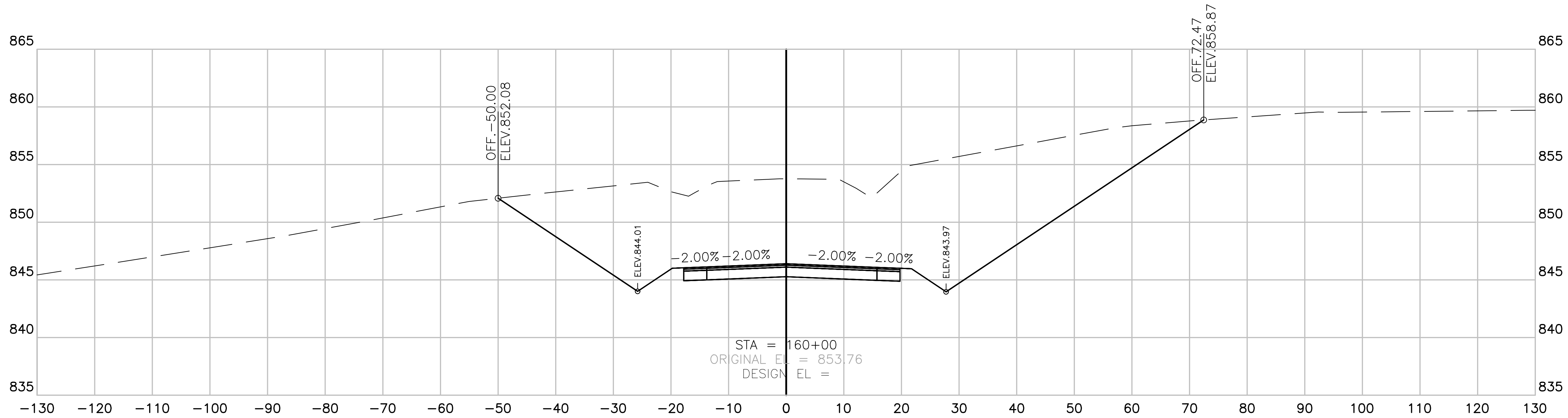
REV. #	DATE	DESCRIPTION

JOB NO.	18190	DESIGNED:	FLR	DRAWN:	FLR	SCALE:	AS SHOWN	DATE:	JANUARY 14, 2019
WK. ORDER	1349								

CROSS SECTIONS

X11

CRITZ LANE IMPROVEMENTS FOR TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE
PLOTTED BY: GREGORY W. HARRIS, DATE: 1/14/2019, 11:58 AM



CRITZ LANE
 SECTION VIEW: 1"=10' HORIZONTAL
 1"=5' VERTICAL

RAGAN SMITH
 LAND PLANNERS • CIVIL ENGINEERS
 LANDSCAPE ARCHITECTS • SURVEYORS
 Chattanooga
 Nashville
 Murfreesboro
 423-890-9400
 615-244-8591
 615-546-9050
 ragan-smith.com



CRITZ LANE IMPROVEMENTS
 FOR
TOWN OF THOMPSON'S STATION, TN
 TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

JOB NO.	WK. ORDER	DESIGNED:	DRAWN:	SCALE:	DATE:	REV.	DATE:	DESCRIPTION:
18190	1349	FLR	FLR	AS SHOWN	JANUARY 14, 2019			

CROSS SECTIONS

X12

CRITZ LANE IMPROVEMENTS FOR TOWN OF THOMPSON'S STATION, TN
 PLOTTED BY: GREGORY W. HARRIS, DATE: 1/14/2019, 10:58 AM

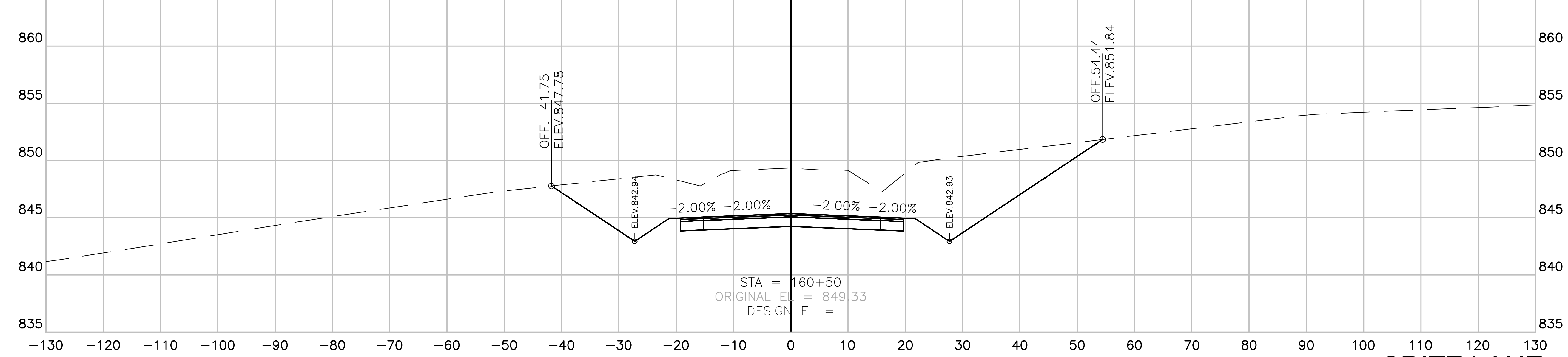
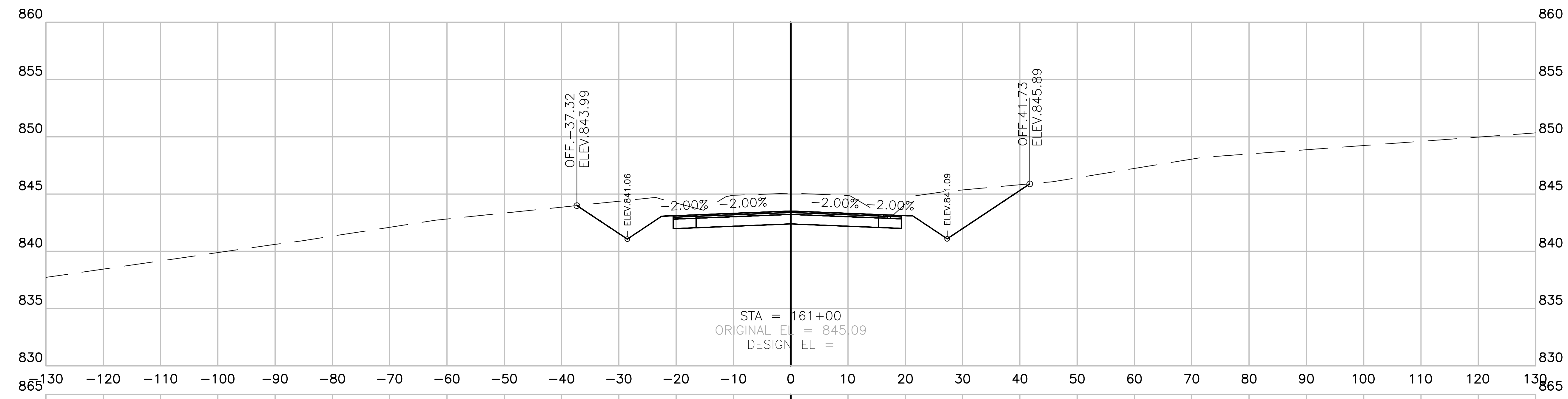
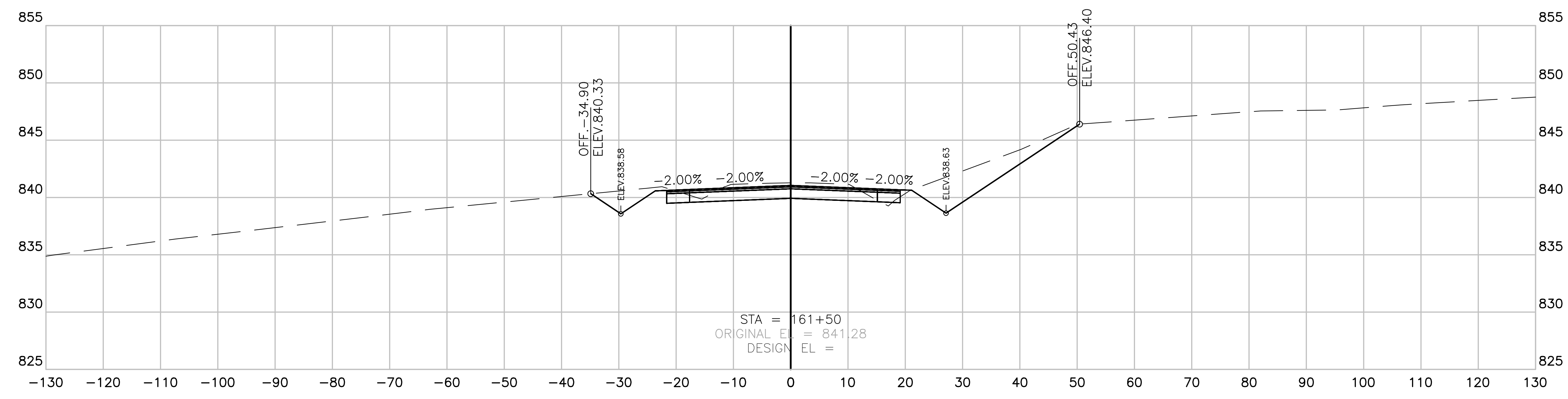


CRITZ LANE IMPROVEMENTS
 FOR
TOWN OF THOMPSON'S STATION, TN
 TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

JOB NO.	W.K. ORDER	DESIGNED:	FLR	DRAWN:	FLR	SCALE:	AS SHOWN	DATE:	REV. #	DATE	DESCRIPTION
18190	1349							JANUARY 14, 2019			

CROSS SECTIONS

X13



CRITZ LANE
 SECTION VIEW: 1"=10' HORIZONTAL
 1"=5' VERTICAL

CRITZ LANE IMPROVEMENTS FOR TOWN OF THOMPSON'S STATION, TN
 PLOTTED BY: J. HARRIS ON 1/14/2019 10:58 AM

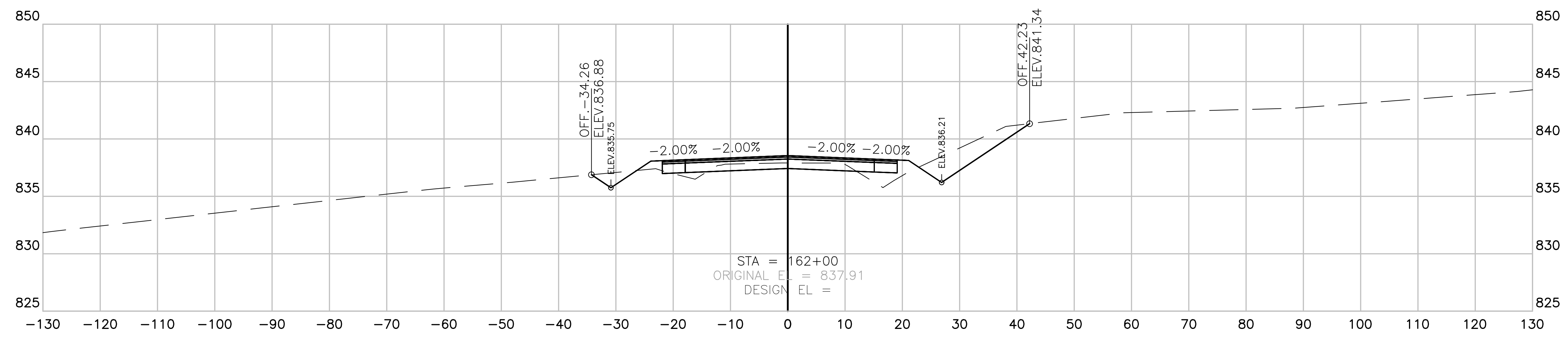
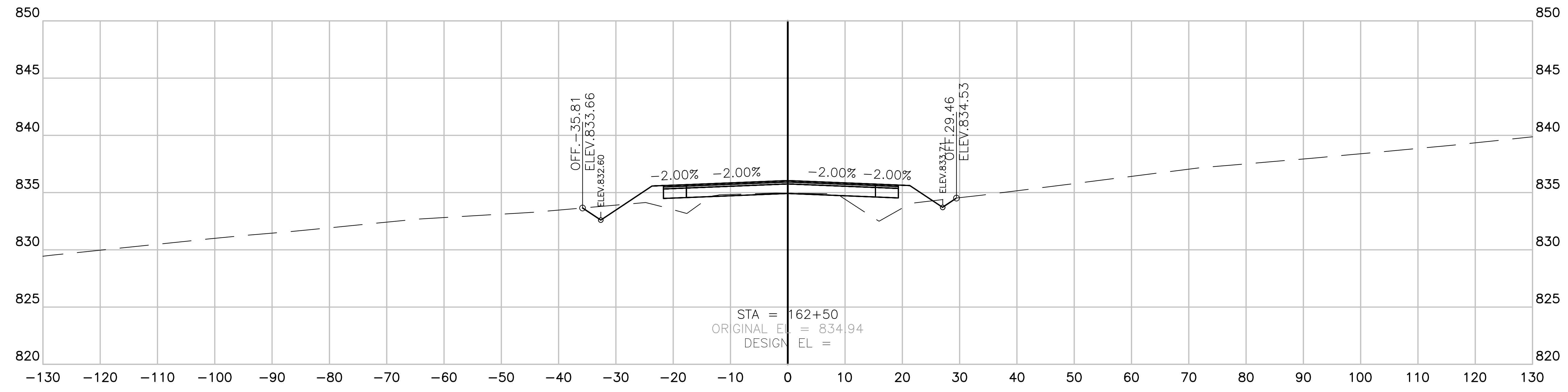
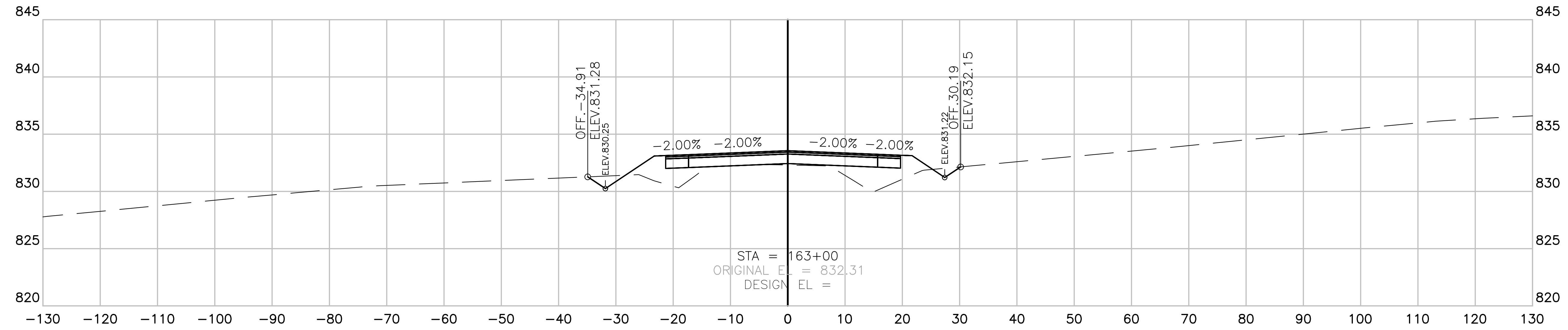


CRITZ LANE IMPROVEMENTS
 FOR
TOWN OF THOMPSON'S STATION, TN
 TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

JOB NO.	WK. ORDER	DESIGNED:	FLR	DRAWN:	FLR	SCALE:	AS SHOWN	DATE:	JANUARY 14, 2019	REV. #	DESCRIPTION:
18190	1349										

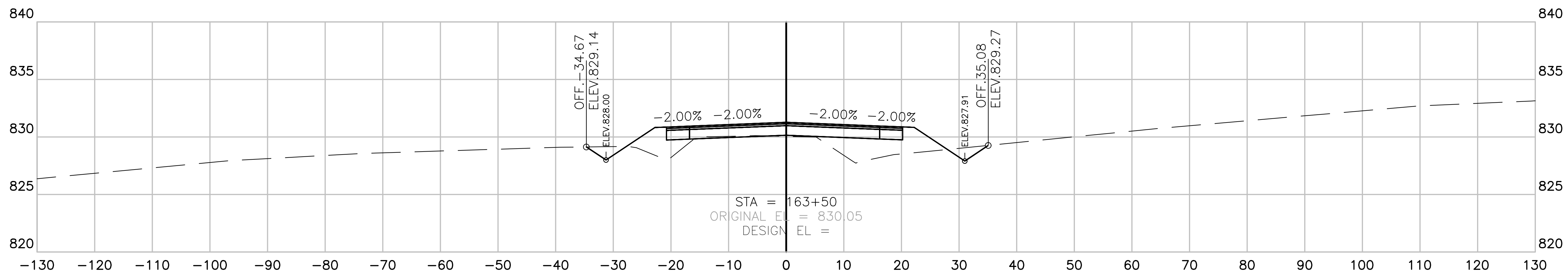
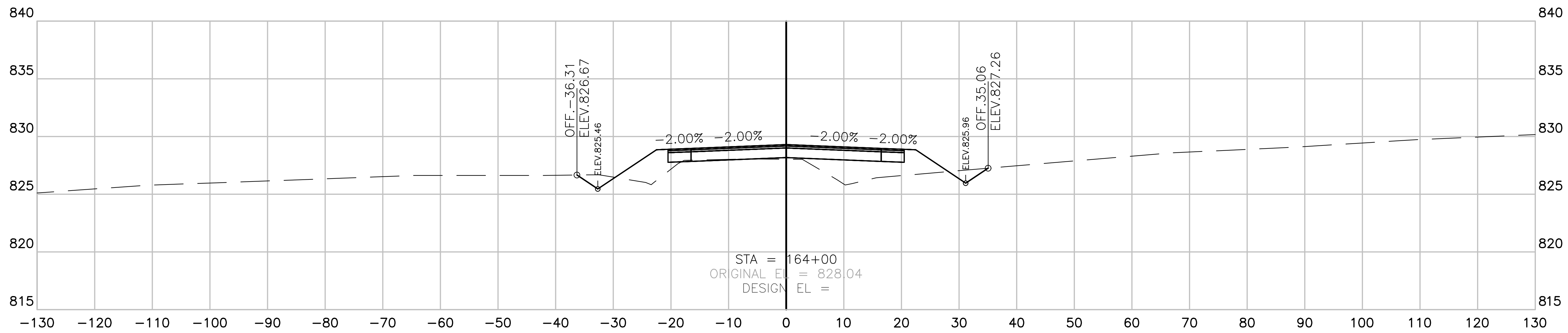
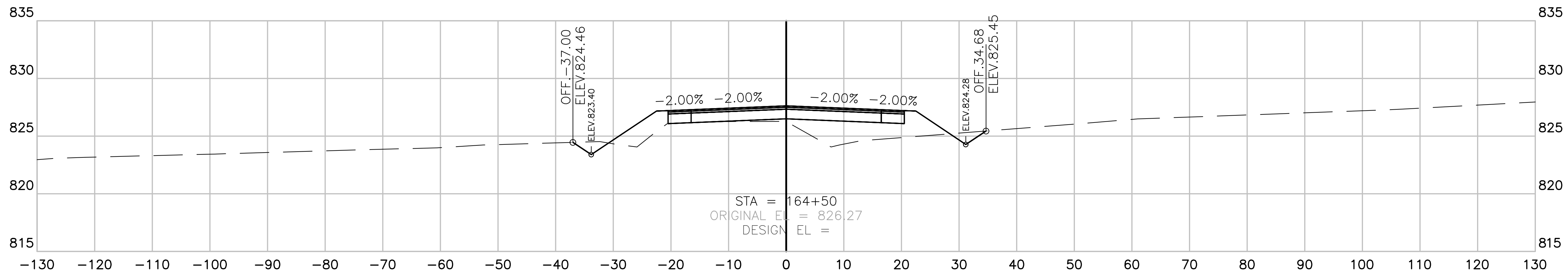
CROSS SECTIONS

X14



CRITZ LANE
 SECTION VIEW: 1"=10' HORIZONTAL
 1"=5' VERTICAL

CRITZ LANE IMPROVEMENTS FOR TOWN OF THOMPSON'S STATION, TN
 PLOTTED BY: GREGORY S. WILSON
 DATE: JANUARY 14, 2019
 TIME: 10:00 AM
 PLOTTER: HP PLOTTER



CRITZ LANE
 SECTION VIEW: 1"=10' HORIZONTAL
 1"=5' VERTICAL

RAGAN SMITH
 CIVIL ENGINEERS
 LANDSCAPE ARCHITECTS • SURVEYORS
 Chattanooga, TN
 Nashville, TN
 Murfreesboro, TN
 423-890-9000
 615-244-8591
 615-546-9050
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CRITZ LANE IMPROVEMENTS
 FOR
TOWN OF THOMPSON'S STATION, TN
 TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

REV. #	DATE	DESCRIPTION

WK. ORDER	1349
JOB NO.	18190
DESIGNED:	FLR
DRAWN:	FLR
SCALE:	AS SHOWN
DATE:	JANUARY 14, 2019

CROSS SECTIONS

X15

CRITZ LANE IMPROVEMENTS FOR TOWN OF THOMPSON'S STATION, TN
 PLOTTED BY: GREGORY M. WILSON
 DATE: 1/14/2019 10:58:15 AM

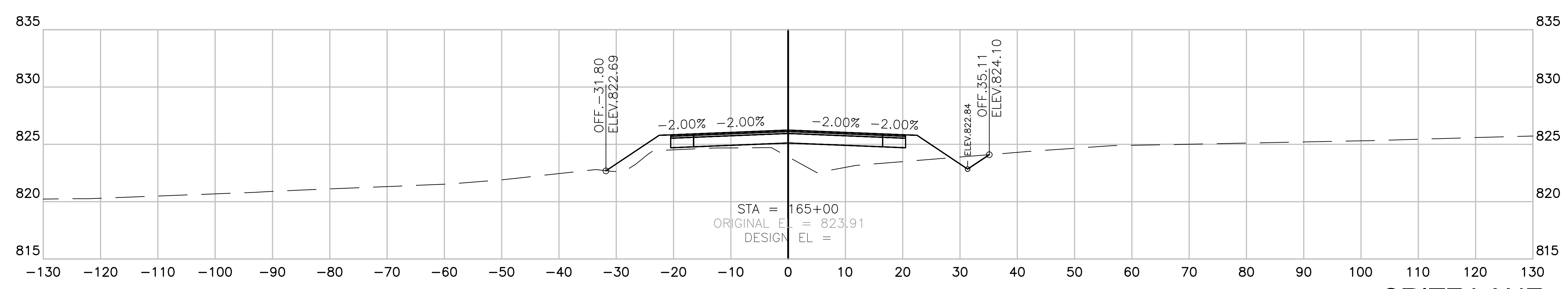
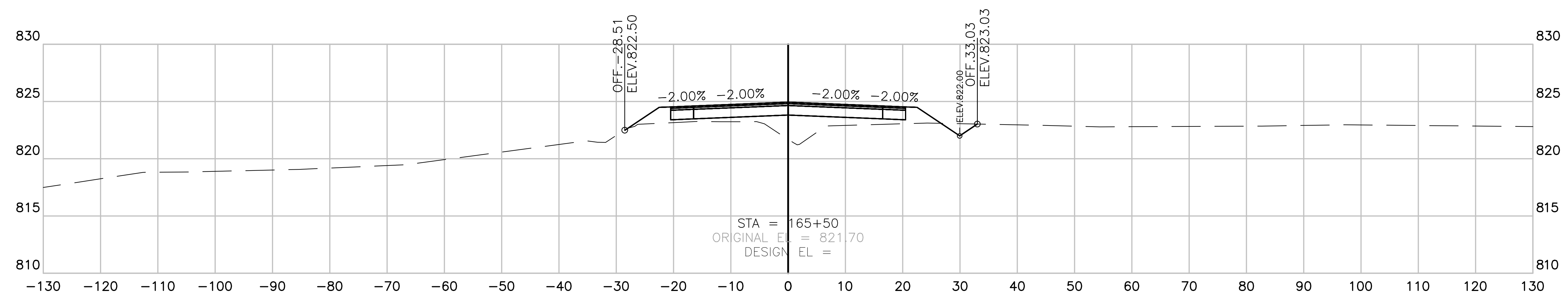
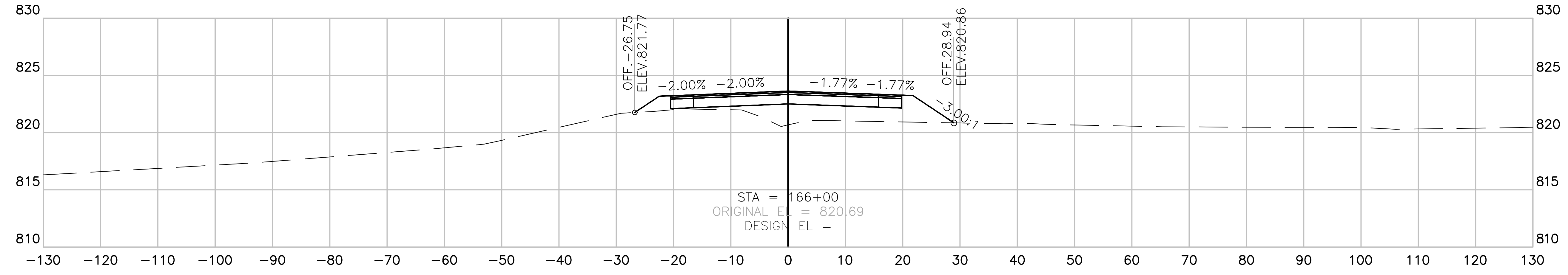
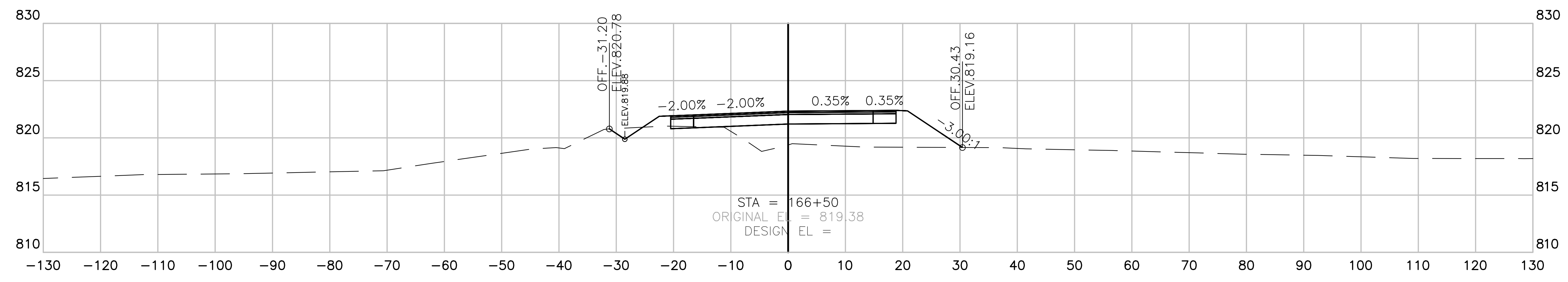


CRITZ LANE IMPROVEMENTS
 FOR
TOWN OF THOMPSON'S STATION, TN
 TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

JOB NO.	WK. ORDER	DESIGNED:	DRAWN:	SCALE:	DATE:	REV. #	DATE	DESCRIPTION:
18190	1349	FLR	FLR	AS SHOWN	JANUARY 14, 2019			

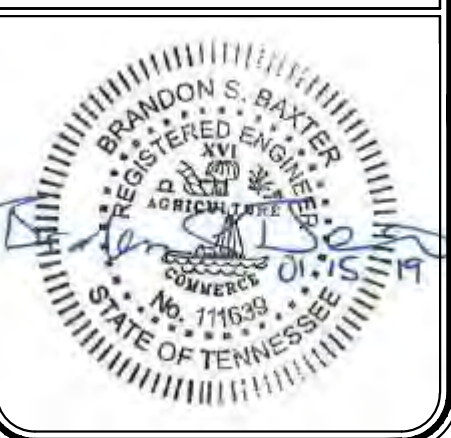
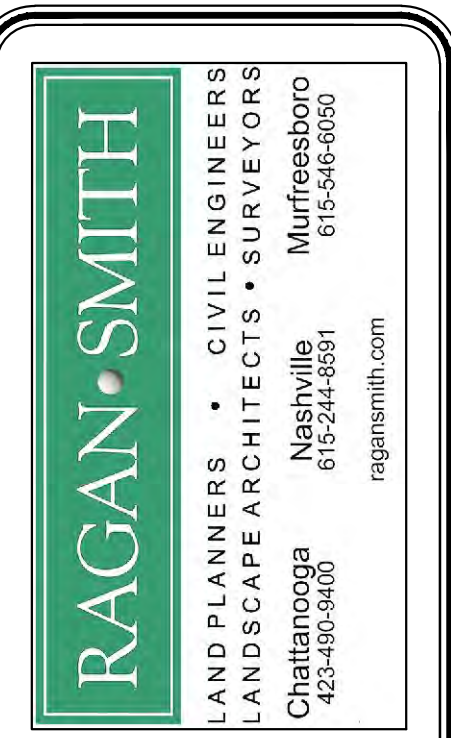
CROSS SECTIONS

X16



CRITZ LANE
 SECTION VIEW: 1"=10' HORIZONTAL
 1"=5' VERTICAL

CRITZ LANE IMPROVEMENTS FOR TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE
 PLOTTED BY: GARDNER ON 1/15/2019 9:11 AM. LAST UPDATED BY: GARDNER ON 1/15/2019 9:11 AM

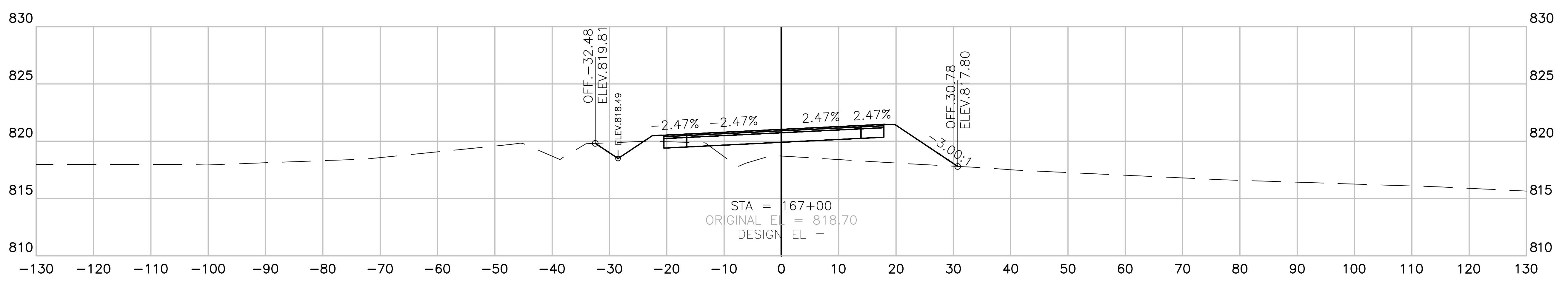
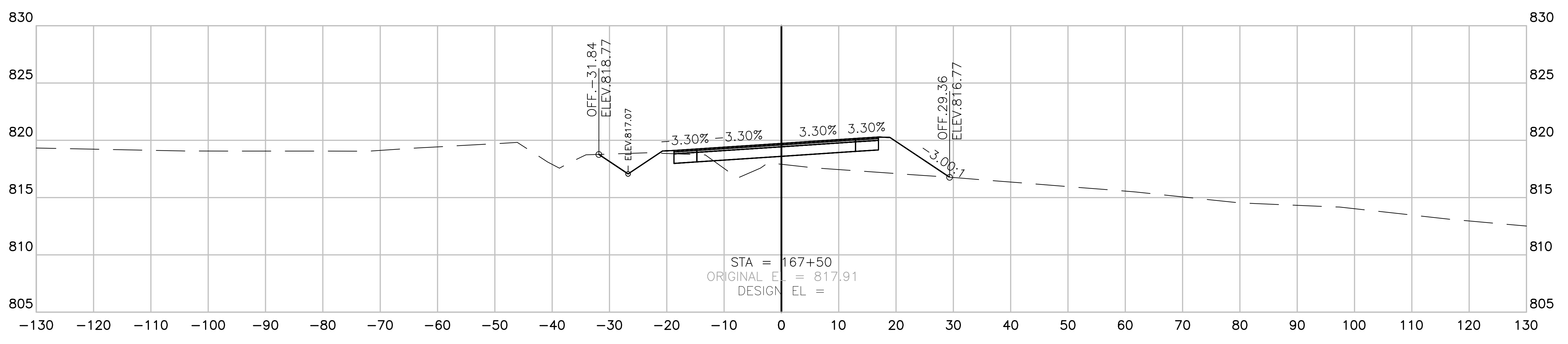
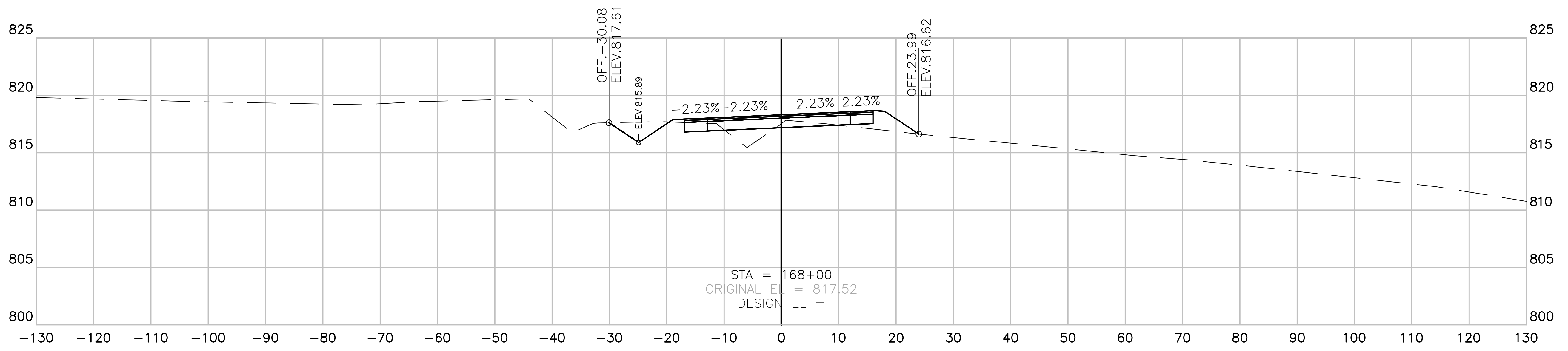


CRITZ LANE IMPROVEMENTS
FOR
TOWN OF THOMPSON'S STATION, TN
TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

JOB NO.	WK. ORDER	DESIGNED:	FLR	DRAWN:	FLR	SCALE:	AS SHOWN	DATE:	JANUARY 14, 2019	REV. #	DESCRIPTION:
18190	1349										

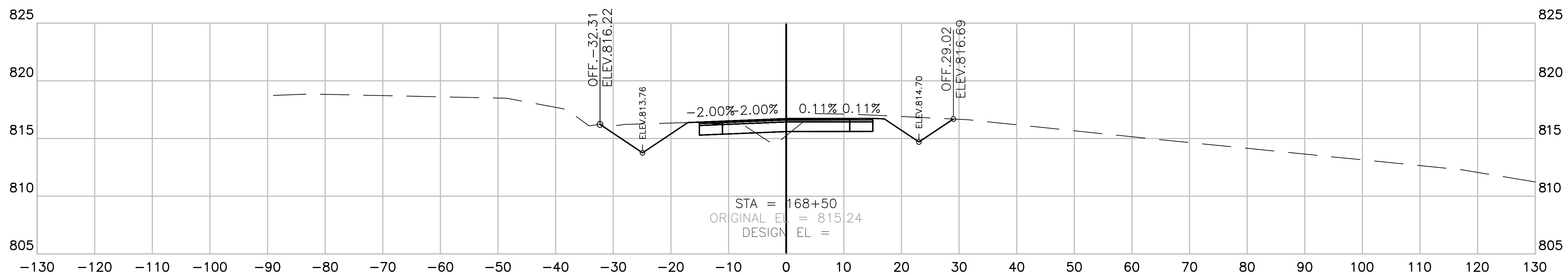
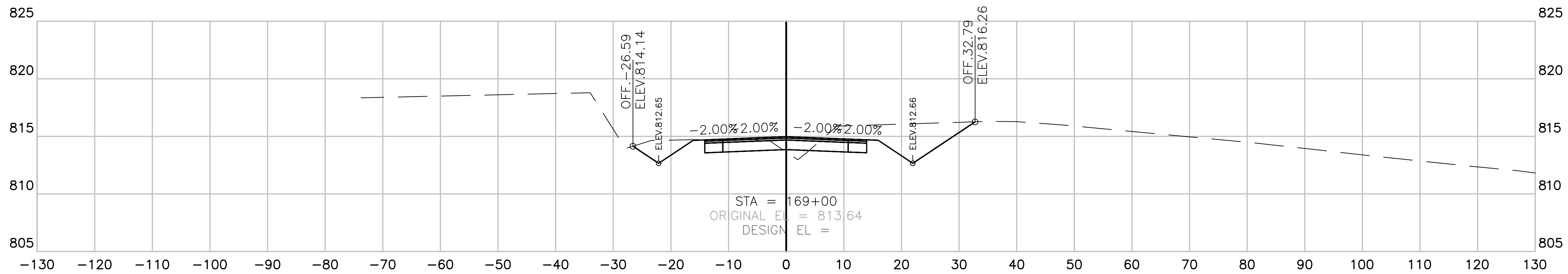
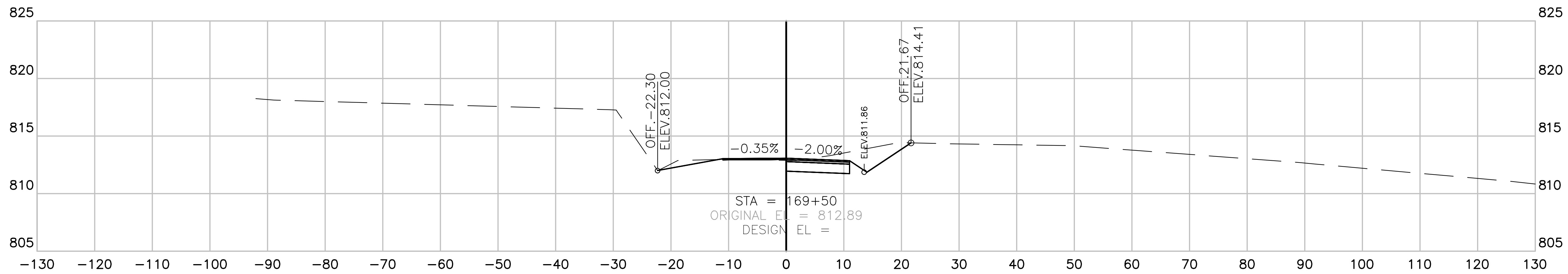
CROSS SECTIONS

X17



CRITZ LANE
SECTION VIEW: 1"=10' HORIZONTAL
1"=5' VERTICAL

CLING AND THOMPSON ENGINEERING AND CONSTRUCTION, INC.
 PLOTTED BY CLARENCE D. VANDERKAM 1/14/2019 10:58 AM



CRITZ LANE
SECTION VIEW: 1"=10' HORIZONTAL
1"=5' VERTICAL



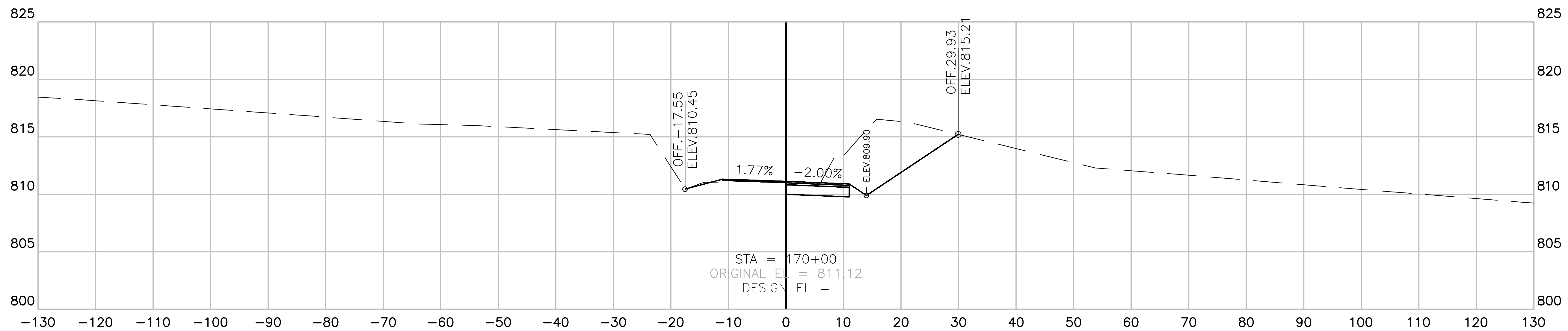
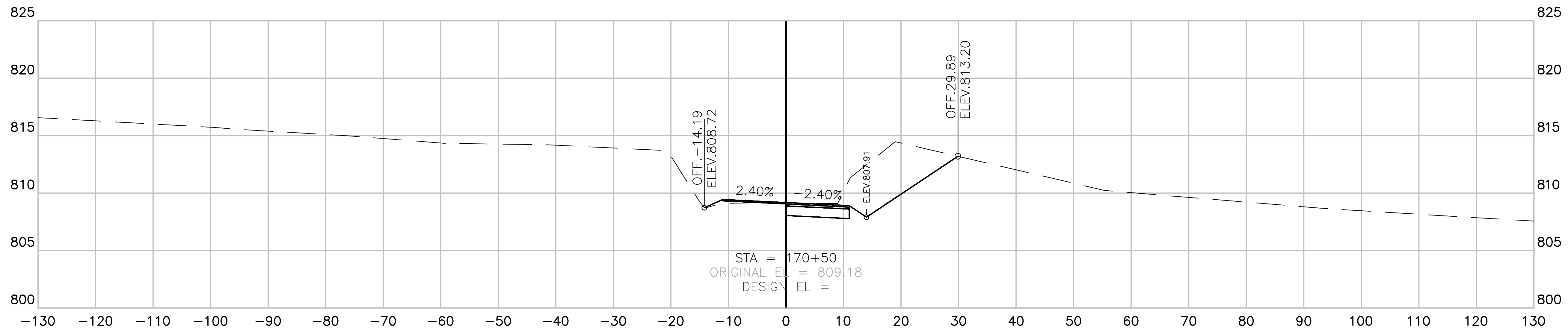
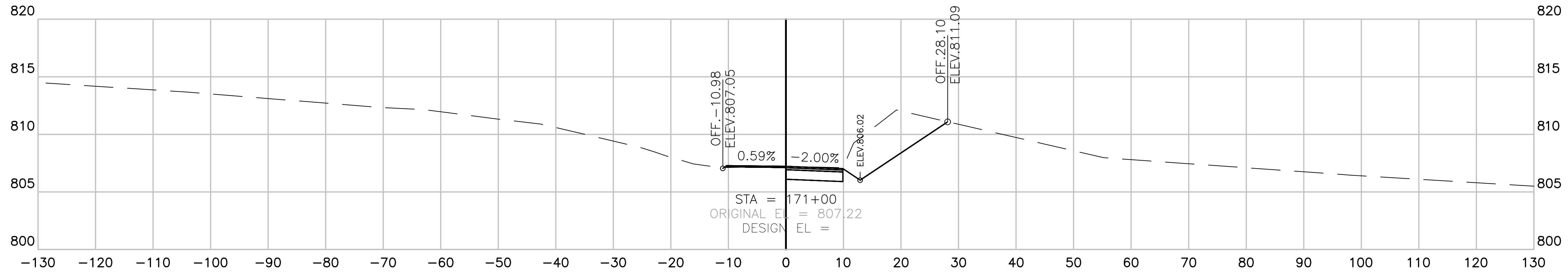
CRITZ LANE IMPROVEMENTS
FOR
TOWN OF THOMPSON'S STATION, TN
TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

JOB NO.	WK. ORDER	DESIGNED:	DRAWN:	SCALE:	DATE:	REV. #	DATE	DESCRIPTION
18190	1349	FLR	FLR	AS SHOWN	JANUARY 14, 2019			

CROSS SECTIONS

X18

CRITZ LANE IMPROVEMENTS FOR TOWN OF THOMPSON'S STATION, TN
PLOT DATE: 1/14/2019 11:54 AM
PLOT BY: GARDNER, 1/14/2019 11:54 AM
LAST UPDATED BY: GARDNER, 1/14/2019 11:54 AM



CRITZ LANE
 SECTION VIEW: 1"=10' HORIZONTAL
 1"=5' VERTICAL

RAGAN SMITH
 LAND PLANNERS • CIVIL ENGINEERS
 LANDSCAPE ARCHITECTS • SURVEYORS
 Chattanooga Murfreesboro
 423-890-9400 615-546-9090
 Nashville
 615-244-8591
 ragan-smith.com



CRITZ LANE IMPROVEMENTS
 FOR
TOWN OF THOMPSON'S STATION, TN

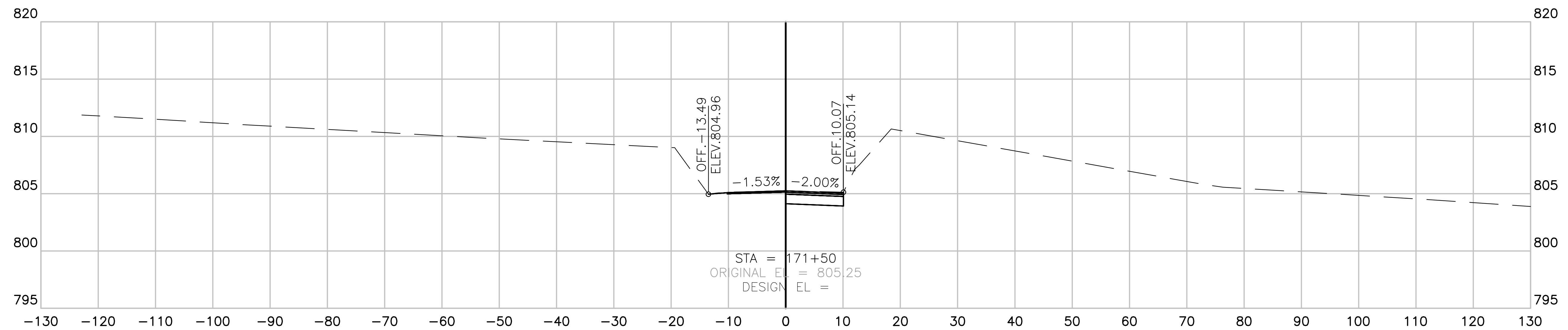
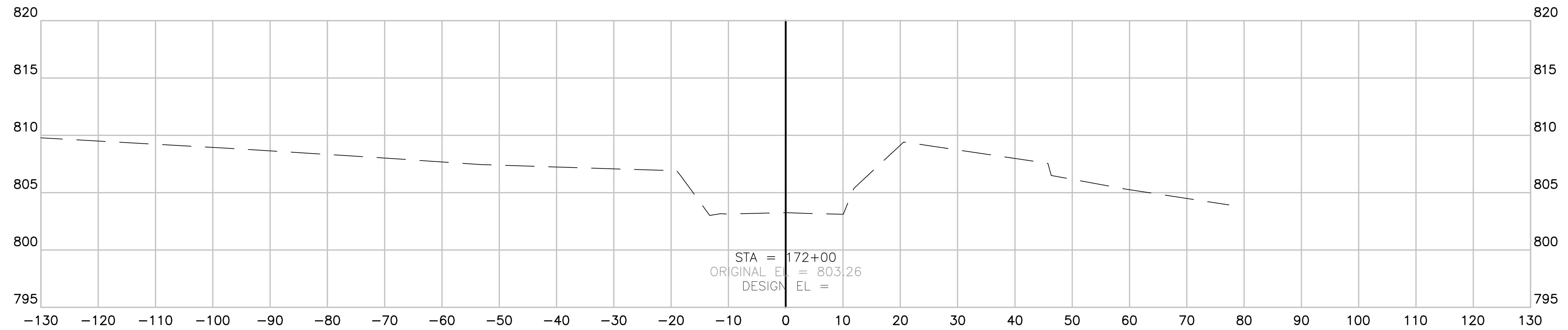
TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

JOB NO.	WK. ORDER	DESIGNED:	DRAWN:	SCALE:	DATE:	REV. #	DATE	DESCRIPTION
18190	1349	FLR	FLR	1"=50'	JANUARY 14, 2019			

CROSS SECTIONS

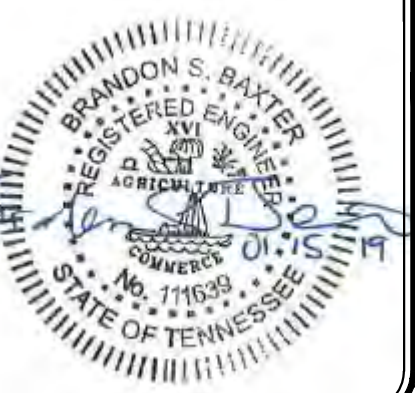
X19

CRITZ LANE IMPROVEMENTS FOR TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE
 PLOTTED BY: GREGORY W. HARRIS ON 1/14/2019 10:58 AM



CRITZ LANE
SECTION VIEW: 1"=10' HORIZONTAL
1"=5' VERTICAL

RAGAN SMITH
LAND PLANNERS • CIVIL ENGINEERS
LANDSCAPE ARCHITECTS • SURVEYORS
Chattanooga 423-890-9400
Nashville 615-244-8391
Murfreesboro 615-546-9090
ragansmith.com



CRITZ LANE IMPROVEMENTS
FOR
TOWN OF THOMPSON'S STATION, TN
TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

JOB NO.	W.K. ORDER	DESIGNED:	DRAWN:	SCALE:	DATE:	REV. #	DESCRIPTION:
18190	1349	FLR	FLR	AS SHOWN	JANUARY 14, 2019		

CROSS SECTIONS

X20

CRITZ LANE IMPROVEMENTS FOR TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE
PLOT DATE: 1/14/2019 11:51 AM
LAST UPDATED BY: AEP/ON 1/13/2019 11:51 AM

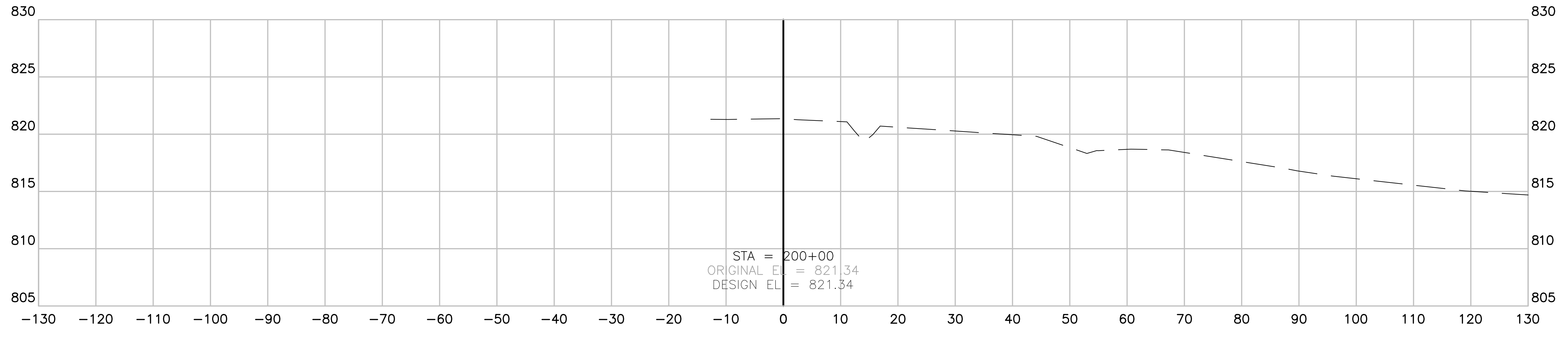
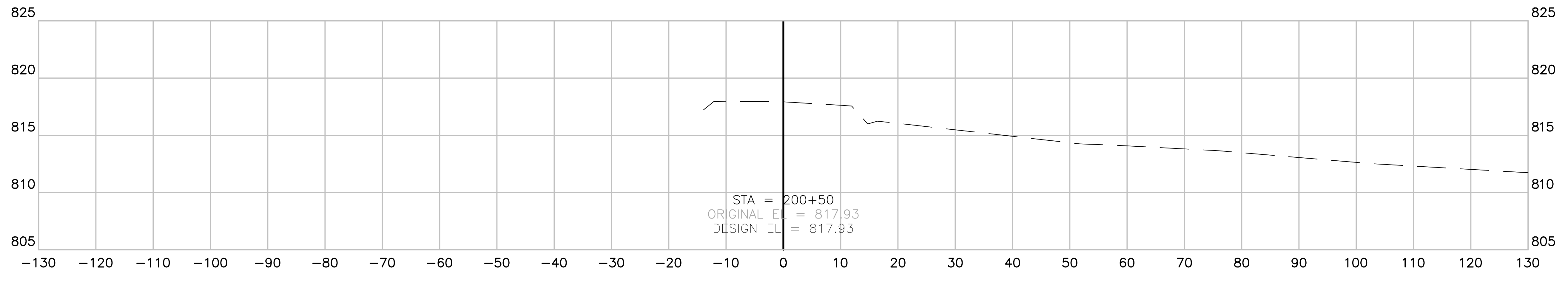
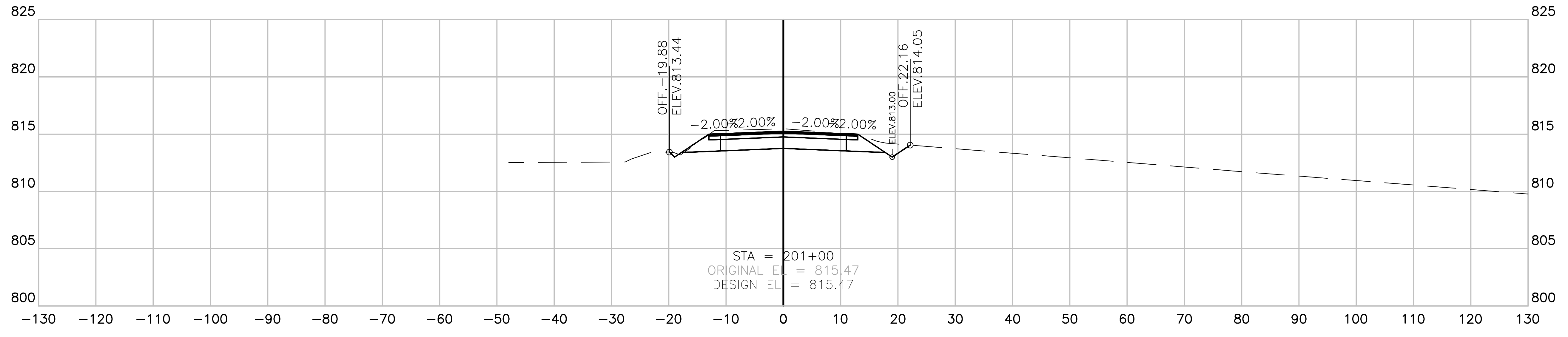


CRITZ LANE IMPROVEMENTS
 FOR
TOWN OF THOMPSON'S STATION, TN
 TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

JOB NO.	WK. ORDER	DESIGNED:	FLR	DRAWN:	FLR	SCALE:	AS SHOWN	DATE:	JANUARY 14, 2019	REV. #	DESCRIPTION:
18190	1349										

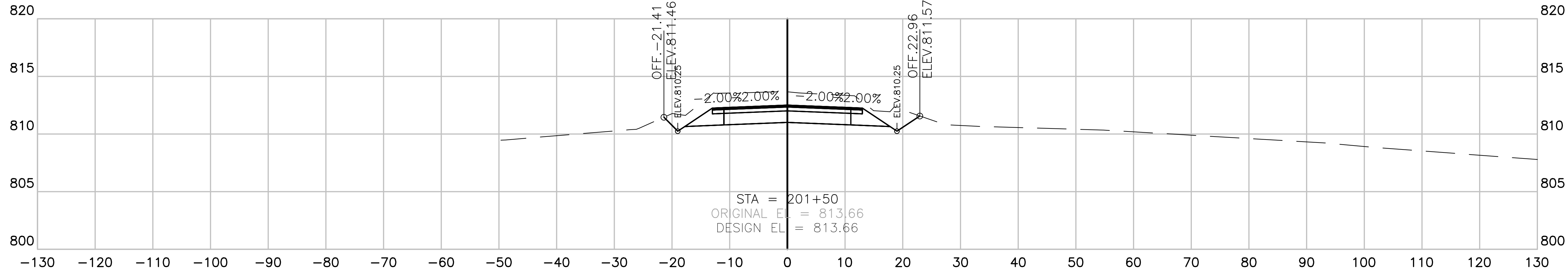
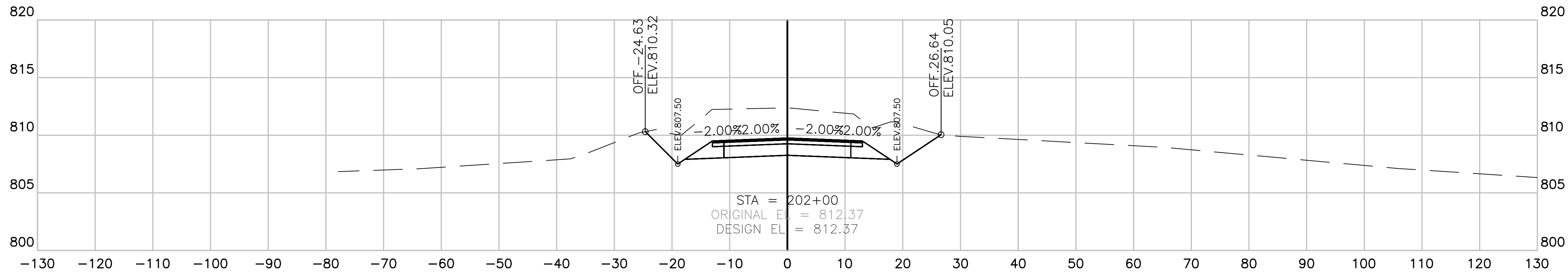
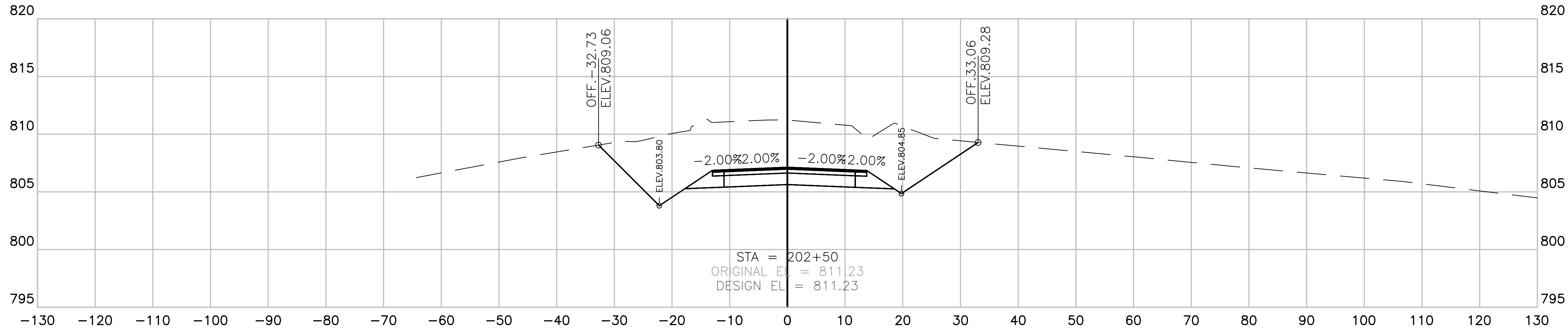
CROSS SECTIONS

X21



CLAYTON ARNOLD ROAD

SECTION VIEW: 1"=10' HORIZONTAL
 1"=5' VERTICAL



CLAYTON ARNOLD ROAD

SECTION VIEW: 1"=10' HORIZONTAL
 1"=5' VERTICAL

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 Chattanooga Murfreesboro
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 nsg@rsmith.com



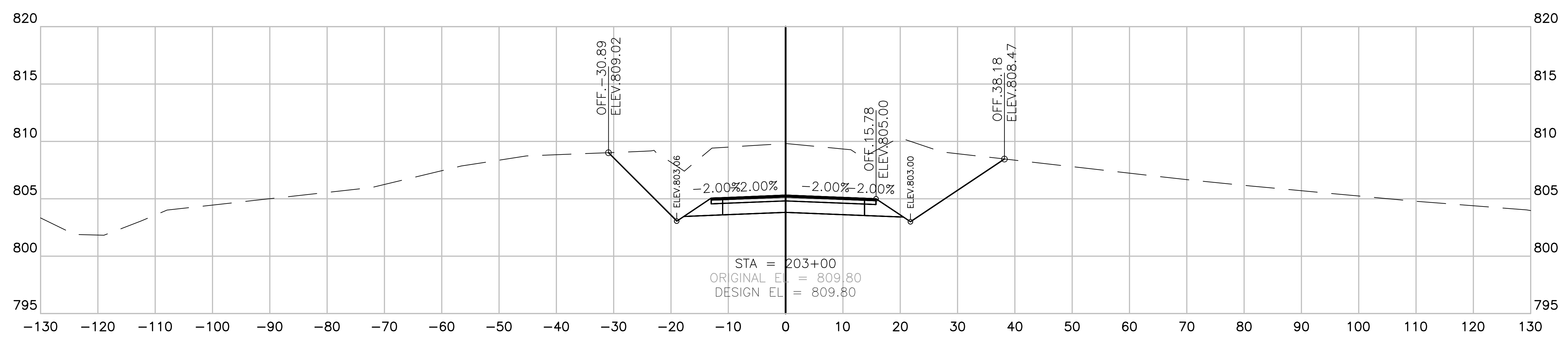
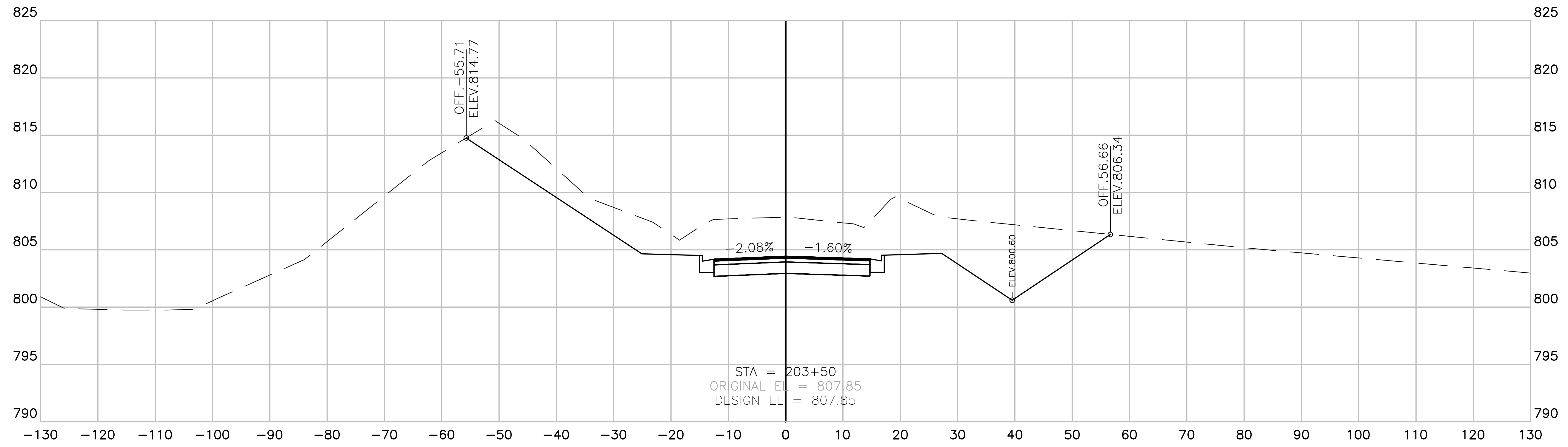
CRITZ LANE IMPROVEMENTS
 FOR
TOWN OF THOMPSON'S STATION, TN
 TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

JOB NO.	WK. ORDER	DESIGNED:	DRAWN:	SCALE:	DATE:	REV. #	DESCRIPTION:
18190	1349	FLR	FLR	AS SHOWN	JANUARY 14, 2019		

CROSS SECTIONS

X22

CLAYTON ARNOLD ROAD IMPROVEMENTS FOR TOWN OF THOMPSON'S STATION, TN
 PLOTTED BY: G. W. HARRIS ON 1/15/2019 11:51 AM. LAST UPDATED BY: G. W. HARRIS ON 1/15/2019 11:51 AM.



CLAYTON ARNOLD ROAD

SECTION VIEW: 1"=10' HORIZONTAL
 1"=5' VERTICAL

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CRITZ LANE IMPROVEMENTS
 FOR
TOWN OF THOMPSON'S STATION, TN
 TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

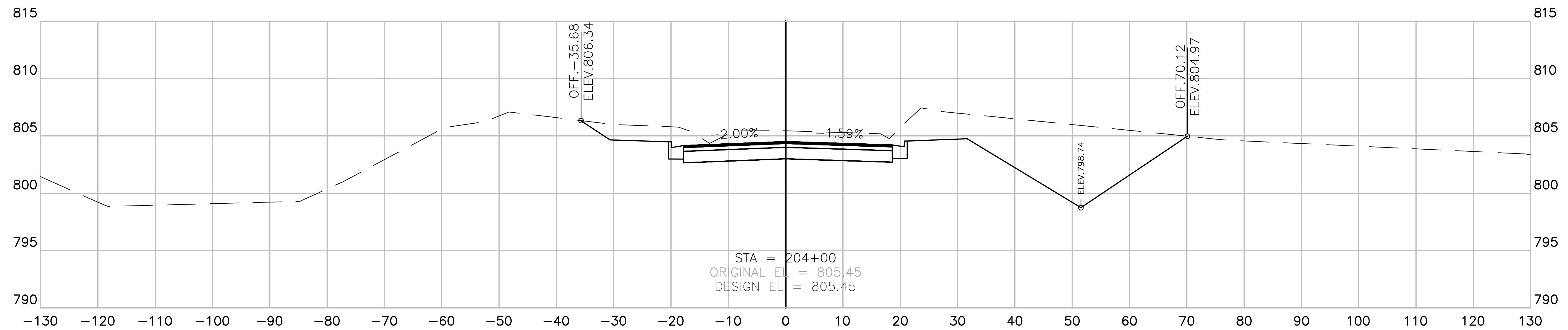
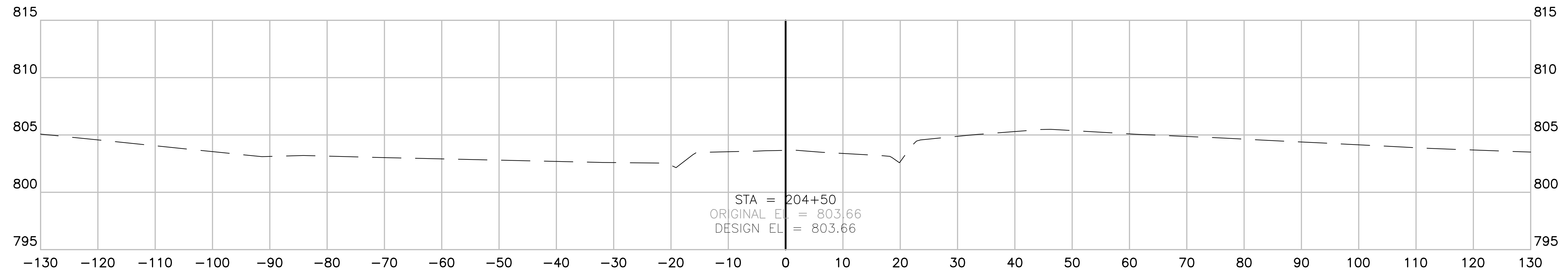
REV. #	DATE	DESCRIPTION

JOB NO. 18190	DESIGNED: FLR	DRAWN: FLR	SCALE: AS SHOWN	DATE: JANUARY 14, 2019
WK. ORDER 1349				

CROSS SECTIONS

X23

CLAYTON ARNOLD ROAD IMPROVEMENTS PROJECT
 PLOTTED BY: GARDNER ON 1/15/2019 9:14 AM LAST UPDATED BY: GARDNER ON 1/15/2019 9:14 AM



CLAYTON ARNOLD ROAD

SECTION VIEW: 1"=10' HORIZONTAL
1"=5' VERTICAL

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 LANDSCAPE ARCHITECTS • SURVEYORS
 Chattanooga Murfreesboro
 423-890-9400 615-546-9090
 nashville ragan-smith.com



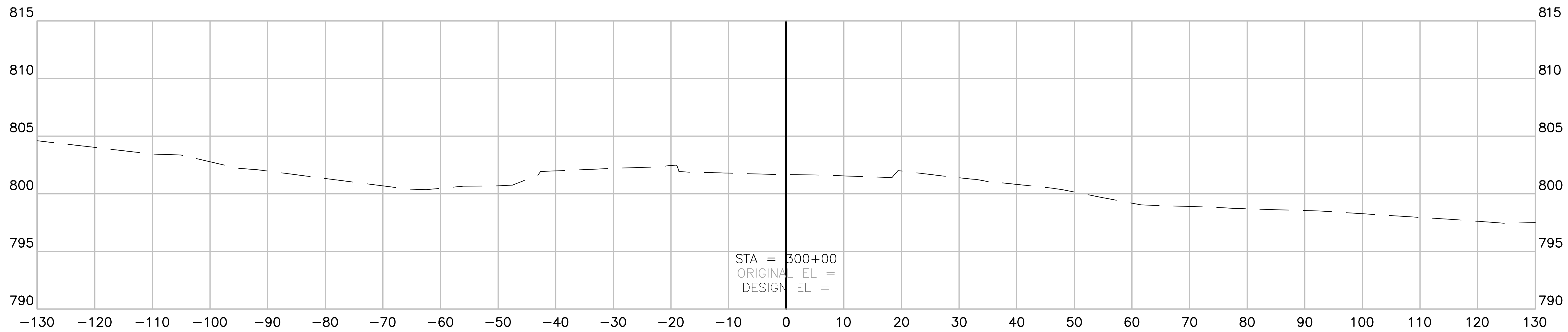
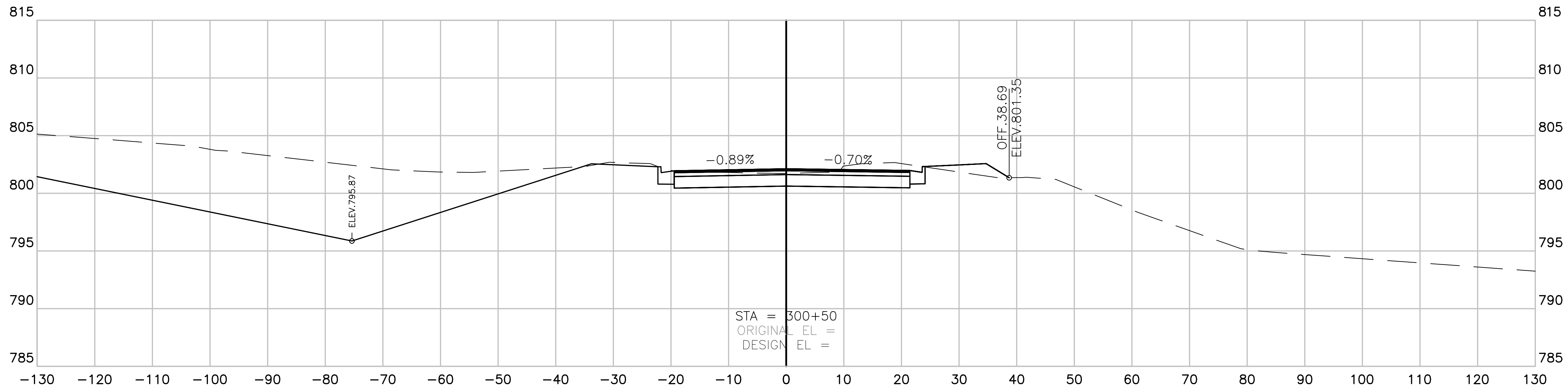
CRITZ LANE IMPROVEMENTS
 FOR
TOWN OF THOMPSON'S STATION, TN
 TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

JOB NO.	WK. ORDER	DESIGNED:	DRAWN:	SCALE:	DATE:	REV. #	DESCRIPTION:
18190	1349	FLR	FLR	AS SHOWN	JANUARY 14, 2019		

CROSS SECTIONS

X24

CLAYTON ARNOLD ROAD IMPROVEMENTS FOR TOWN OF THOMPSON'S STATION
 PLOTTED BY: GREGORY S. WILSON DATE: 1/14/2019 10:00 AM



PADDOCK PARK DRIVE

SECTION VIEW: 1"=10' HORIZONTAL
1"=5' VERTICAL

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 LANDSCAPE ARCHITECTS • SURVEYORS
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 Nashville 615-244-8591
 Murfreesboro 615-546-9050
 ragan@smith.com



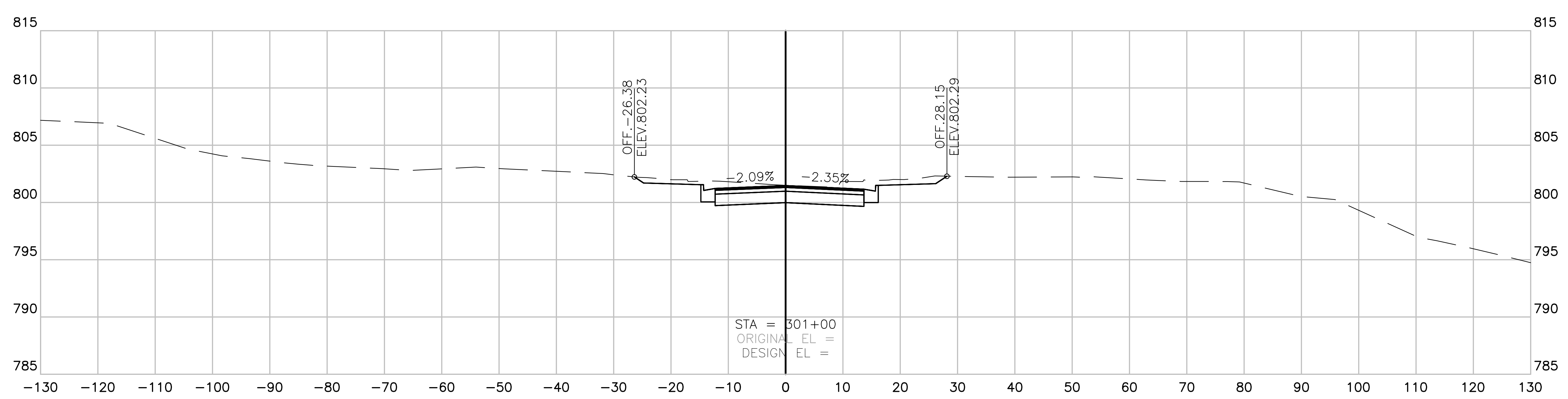
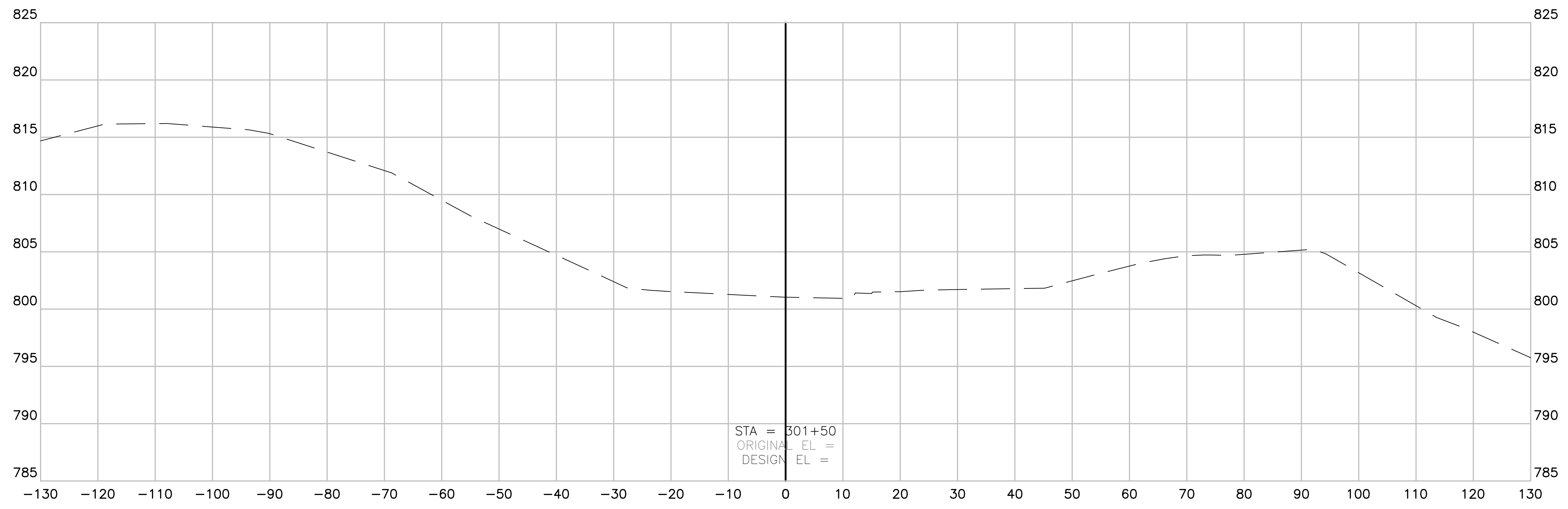
CRITZ LANE IMPROVEMENTS
 FOR
TOWN OF THOMPSON'S STATION, TN
 TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

JOB NO.	WK. ORDER	DESIGNED:	DRAWN:	SCALE:	DATE:	REV. #	DATE	DESCRIPTION
18190	1349	FLR	FLR	AS SHOWN	JANUARY 14, 2019			

CROSS SECTIONS

X25

CRITZ LANE IMPROVEMENTS FOR TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE
 PLOTTED BY: GARDNER ON 1/15/2019 9:11 AM. LAST UPDATED BY: GARDNER ON 1/15/2019 9:11 AM.



PADDOCK PARK DRIVE
 SECTION VIEW: 1"=10' HORIZONTAL
 1"=5' VERTICAL

RAGAN SMITH
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 LANDSCAPE ARCHITECTS • SURVEYORS
 Chattanooga 423-890-9400
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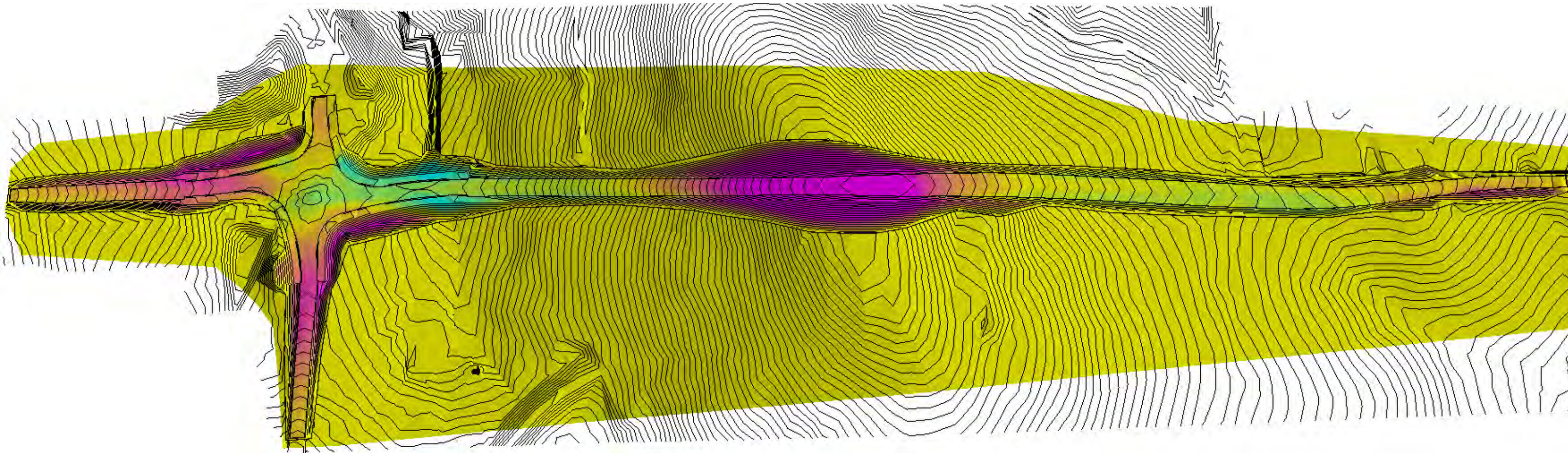
CRITZ LANE IMPROVEMENTS
 FOR
TOWN OF THOMPSON'S STATION, TN
 TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

JOB NO.	WK. ORDER	DESIGNED:	DRAWN:	SCALE:	DATE:	REV. #	DESCRIPTION:
18190	1349	FLR	FLR	AS SHOWN	JANUARY 14, 2019		

CROSS SECTIONS

X26

CLIPING AND TRANSMISSIONS FOR CONSTRUCTION MARKING
 PLOTTED BY: GARDNER ON 1/15/2019 9:51 AM. LAST UPDATED BY: GARDNER ON 1/15/2019 9:51 AM.

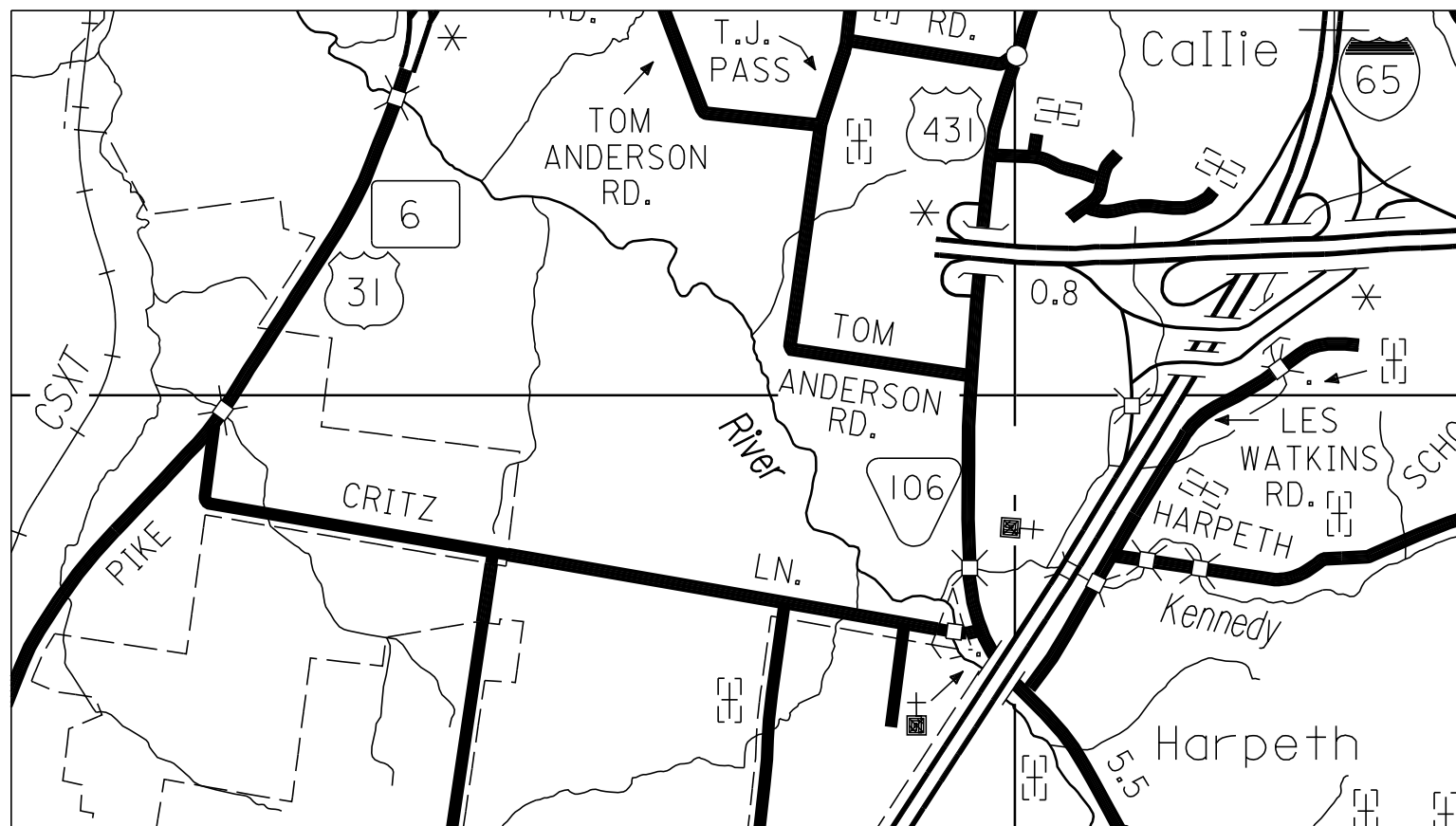


Critz Lane Improvements
Agtek Grading Exhibit
8/6/2019

CONSTRUCTION PLANS FOR CRITZ LANE IMPROVEMENTS FOR THE TOWN OF THOMPSON'S STATION THOMPSON'S STATION, TENNESSEE



PROJECT LOCATION



VICINITY MAP
N.T.S.

INDEX OF DRAWINGS

SHEET NO.	TITLE
1	COVER SHEET
1A-1E	GEOMETRIC LAYOUT AND SURVEY CONTROL
1F	STANDARD TDOT ROADWAY DRAWINGS
1G-1H	GENERAL NOTES
2-2B	TYPICAL SECTIONS
2C-2D	DETAIL SHEETS
3	QUANTITIES
4-12	PLAN AND PROFILE SHEETS - CRITZ LANE
13-14	SIDE ROAD PROFILE SHEETS
15	NOT USED
16-17A	ROUNDBOUT GRADING SHEETS
18-24	PAVING, SIGNING, & STRIPING LAYOUT
25-33	UTILITIES
34-46	TRAFFIC CONTROL PLAN
47-70	NOT USED
71-85	EROSION CONTROL PLAN
86-90	NOT USED
91-95	DRAINAGE CROSS SECTIONS
96-100	NOT USED
101-180	CROSS SECTIONS
181	EARTHWORK SUMMARY



PRELIMINARY
NOT FOR
CONSTRUCTION

DATE _____

COVER SHEET

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

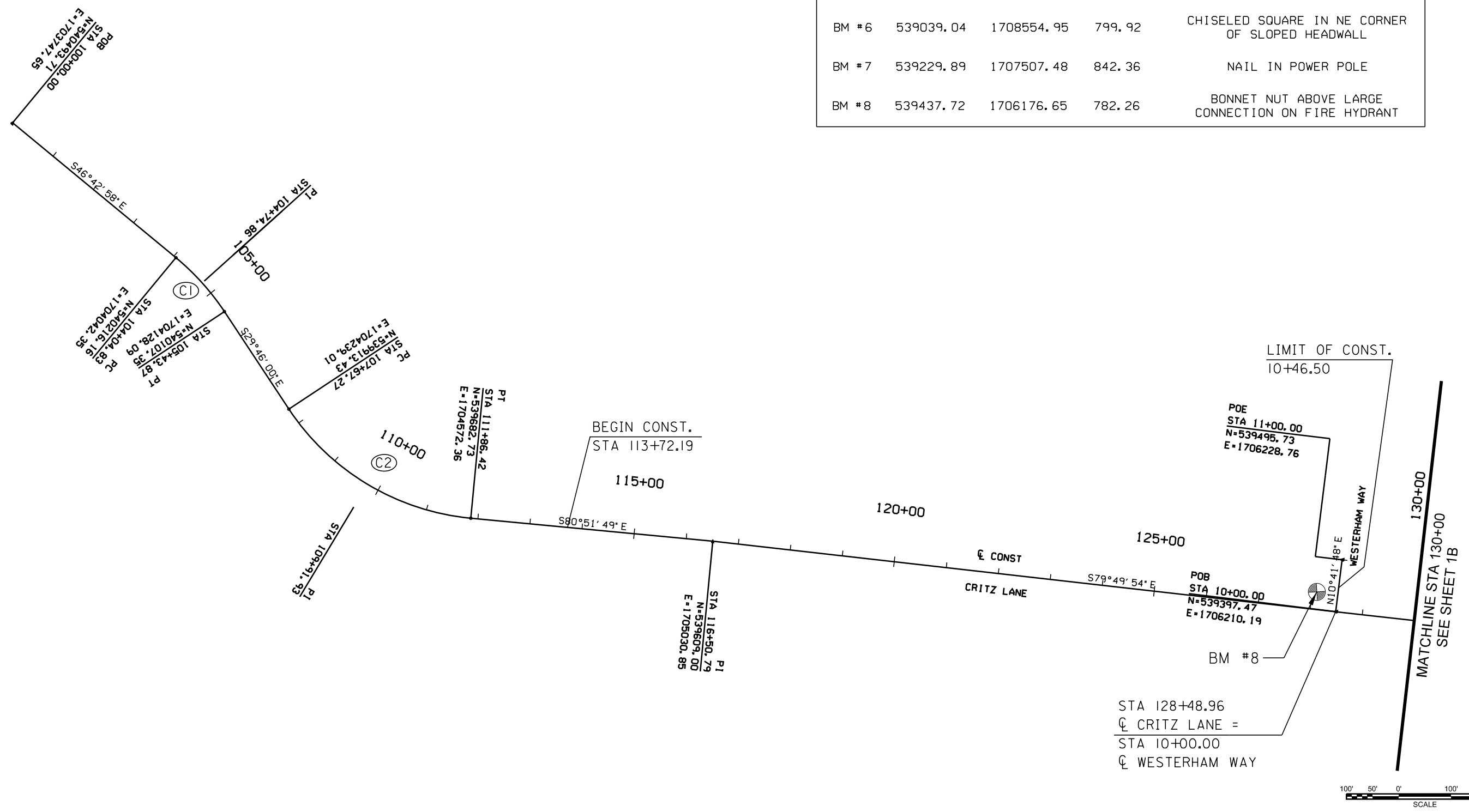
DR.	CHK.	DATE	DESCRIPTION
			ISSUED FOR 30% REVIEW
			REVIEW SET

PRELIMINARY
NOT FOR
CONSTRUCTION

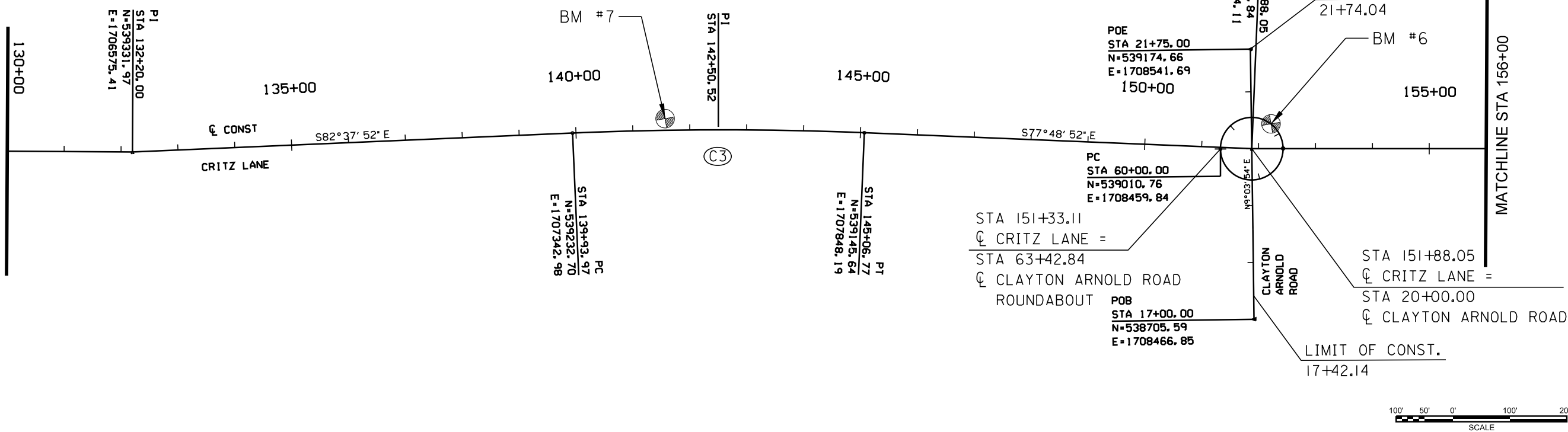
GEOMETRIC LAYOUT AND SURVEY CONTROL
CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
		05/12/2017	ISSUED FOR 30% REVIEW
		05/22/2018	REVIEW SET

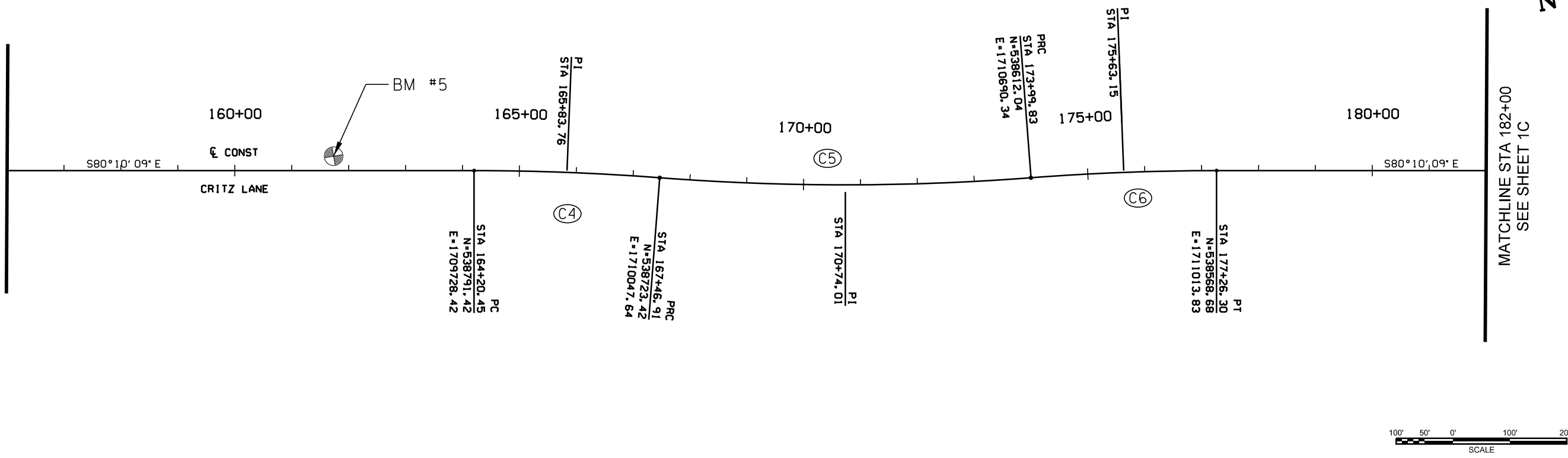
CONTROL POINTS				
POINT	N	E	ELEV	DESCRIPTION
BM #1	537715.53	1715884.05	749.17	CHISELED SQUARE AT NE CORNER OF BRIDGE
BM #2	537917.79	1714888.42	772.29	BONNET NUT BELOW THREADED SET SCREW OF FIRE HYDRANT
BM #3	538161.46	1713071.90	792.90	BONNET NUT BELOW THREADED SET SCREW OF FIRE HYDRANT
BM #4	538447.98	1711498.21	779.52	CHISELED SQUARE ON NE CORNER OF HEADWALL
BM #5	538858.56	1709489.54	858.79	NAIL IN WEST SIDE OF POWER POLE
BM #6	539039.04	1708554.95	799.92	CHISELED SQUARE IN NE CORNER OF SLOPED HEADWALL
BM #7	539229.89	1707507.48	842.36	NAIL IN POWER POLE
BM #8	539437.72	1706176.65	782.26	BONNET NUT ABOVE LARGE CONNECTION ON FIRE HYDRANT



MATCHLINE STA 130+00
SEE SHEET 1A



MATCHLINE STA 156+00



MATCHLINE STA 182+00
SEE SHEET 1C

PRELIMINARY
NOT FOR
CONSTRUCTION

DATE _____

GEOMETRIC LAYOUT AND SURVEY CONTROL

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
KE	JR	05-15-2017	ISSUED FOR 30% REVIEW
KE	JR	05-22-2018	REVIEW SET

PRELIMINARY
NOT FOR
CONSTRUCTION

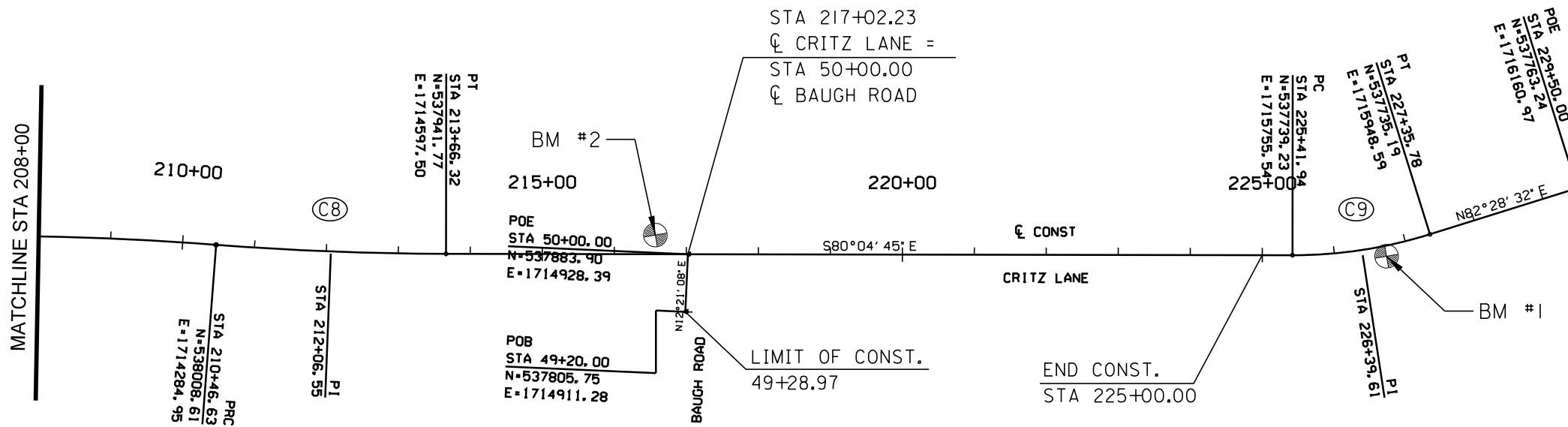
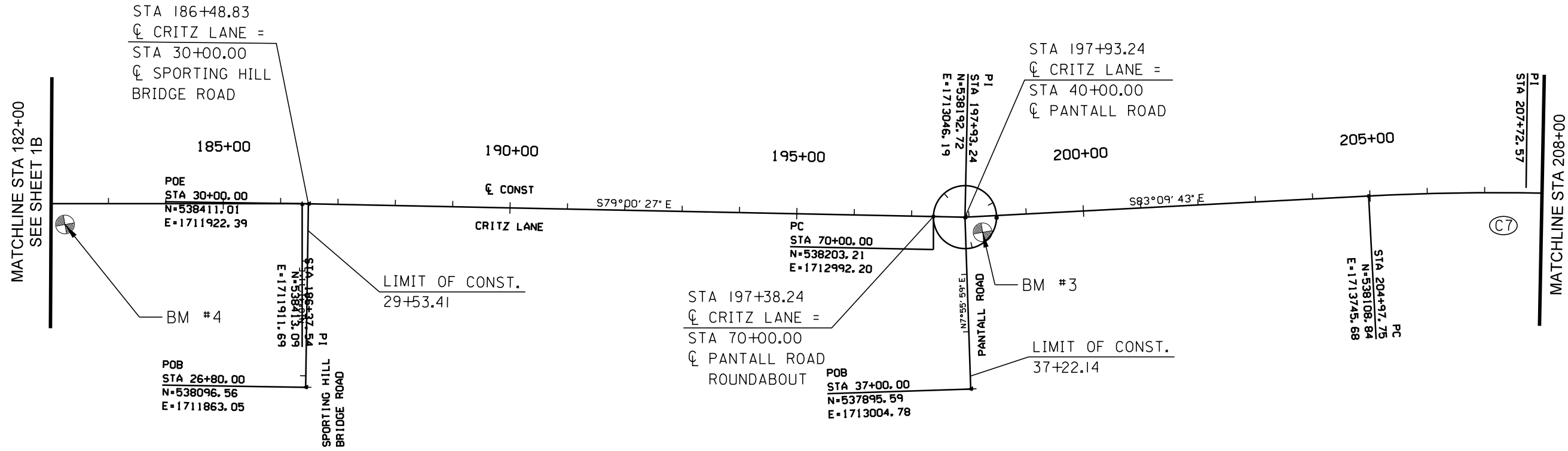
GEOMETRIC LAYOUT AND SURVEY CONTROL

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DATE: _____
REVIEWED BY: _____
REVIEWED DATE: _____

1C

FILE NO. 36473-00



CRITZ LANE

Table with 4 columns: Element, Station, Northing, Easting. Contains data for linear and circular curve elements C1 through C3, including PT, PI, CC, PRC, radius, delta, and degree of curvature values.

CRITZ LANE

Table with 4 columns: Element, Station, Northing, Easting. Contains data for linear and circular curve elements C4 through C6, including PT, PI, CC, PRC, radius, delta, and degree of curvature values.

CRITZ LANE

Table with 4 columns: Element, Station, Northing, Easting. Contains data for circular and linear curve elements C7 through C9, including PT, PI, CC, PRC, radius, delta, and degree of curvature values.

WESTERHAM WAY

Table with 4 columns: Element, Station, Northing, Easting. Contains data for linear curve elements, including POB, POE, and tangent direction values.

PRELIMINARY
NOT FOR
CONSTRUCTION

DATE

GEOMETRIC LAYOUT AND SURVEY CONTROL

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

Table with 3 columns: Date, Description, Reviewed. Contains a grid for tracking review dates and descriptions.

CLAYTON ARNOLD ROAD

	STATION	NORTHING	EASTING
Element: Linear			
POB ()	17+00.00	538705.588	1708466.847
POE ()	21+75.00	539174.656	1708541.686
Tangent Direction:	N 9°03' 53.911" E		
Tangent Length:	475.000		

CLAYTON ARNOLD ROAD ROUNDABOUT

	STATION	NORTHING	EASTING
Element: Circular			
PC ()	60+00.00	539010.761	1708459.842
CC ()	539001.841	1708514.114	
PCC ()	61+72.79	538992.922	1708568.386
Radius:	55.000		
Delta:	180°00' 00.000" Left		
Degree of Curvature(Arc):	104°10' 26.920"		
Length:	172.788		
Tangent:	-1.000		
Chord:	110.000		
Middle Ordinate:	-1.000		
External:	-1.000		
Tangent Direction:	S 9°19' 57.754" W		
Radial Direction:	N 80°40' 02.246" W		
Chord Direction:	S 80°40' 02.246" E		
Radial Direction:	S 80°40' 02.246" E		
Tangent Direction:	N 9°19' 57.754" E		

	STATION	NORTHING	EASTING
Element: Circular			
PCC ()	61+72.79	538992.922	1708568.386
CC ()	539001.841	1708514.114	
PT ()	63+45.58	539010.761	1708459.842
Radius:	55.000		
Delta:	180°00' 00.000" Left		
Degree of Curvature(Arc):	104°10' 26.920"		
Length:	172.788		
Tangent:	-1.000		
Chord:	110.000		
Middle Ordinate:	-1.000		
External:	-1.000		
Tangent Direction:	N 9°19' 57.754" E		
Radial Direction:	S 80°40' 02.246" E		
Chord Direction:	N 80°40' 02.246" W		
Radial Direction:	N 80°40' 02.246" W		
Tangent Direction:	S 9°19' 57.754" W		

SPORTING HILL BRIDGE ROAD

	STATION	NORTHING	EASTING
Element: Linear			
POB ()	26+80.00	538096.564	1711863.048
POE ()	30+00.00	538411.015	1711922.386
Tangent Direction:	N 10°41' 10.627" E		
Tangent Length:	320.000		

PANTALL ROAD

	STATION	NORTHING	EASTING
Element: Linear			
POB ()	37+00.00	537895.591	1713004.785
POE ()	40+00.00	538192.720	1713046.189
Tangent Direction:	N 7°55' 58.613" E		
Tangent Length:	300.000		

PANTALL ROAD ROUNDABOUT

	STATION	NORTHING	EASTING
Element: Circular			
PC ()	70+00.00	538203.208	1712992.198
CC ()		538192.720	1713046.189
PCC ()	71+72.79	538182.233	1713100.180
Radius:	55.000		
Delta:	180°00' 00.000" Left		
Degree of Curvature(Arc):	104°10' 26.920"		
Length:	172.788		
Tangent:	-1.000		
Chord:	110.000		
Middle Ordinate:	-1.000		
External:	-1.000		
Tangent Direction:	S 10°59' 33.371" W		
Radial Direction:	N 79°00' 26.629" W		
Chord Direction:	S 79°00' 26.629" E		
Radial Direction:	S 79°00' 26.629" E		
Tangent Direction:	N 10°59' 33.371" E		

	STATION	NORTHING	EASTING
Element: Circular			
PCC ()	71+72.79	538182.233	1713100.180
CC ()		538192.720	1713046.189
PT ()	73+45.58	538203.208	1712992.198
Radius:	55.000		
Delta:	180°00' 00.000" Left		
Degree of Curvature(Arc):	104°10' 26.920"		
Length:	172.788		
Tangent:	-1.000		
Chord:	110.000		
Middle Ordinate:	-1.000		
External:	-1.000		
Tangent Direction:	N 10°59' 33.371" E		
Radial Direction:	S 79°00' 26.629" E		
Chord Direction:	N 79°00' 26.629" W		
Radial Direction:	N 79°00' 26.629" W		
Tangent Direction:	S 10°59' 33.371" W		

BAUGH ROAD

	STATION	NORTHING	EASTING
Element: Linear			
POB ()	49+20.00	537805.747	1714911.280
POE ()	50+00.00	537883.895	1714928.394
Tangent Direction:	N 12°21' 08.328" E		
Tangent Length:	80.000		

PRELIMINARY
NOT FOR
CONSTRUCTION

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GEOMETRIC LAYOUT AND SURVEY CONTROL

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
	JK	05-12-2017	ISSUED FOR 30% REVIEW
	JK	05-23-2018	REVIEW SET

STANDARD TDOT ROADWAY DRAWINGS

DWG. NO. REV. DESCRIPTION

ROADWAY DESIGN STANDARDS

RD-A-1	12-18-99	STANDARD ABBREVIATIONS
RD-L-1	10-26-94	STANDARD LEGEND
RD-L-5	05-01-08	STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL
RD-L-6	03-30-10	STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL
RD-L-7	05-24-12	STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL
RD01-TS-1	02-05-16	DESIGN STANDARDS FOR LOCAL ROADS AND STREETS
RD01-TS-2	03-16-17	DESIGN STANDARDS FOR COLLECTOR ROADS AND STREETS
RD01-TS-6A	07-31-13	TYPICAL CURB AND GUTTER SECTIONS WITHOUT SHOULDER
RD01-TS-9	06-15-12	DESIGN STANDARDS FOR SINGLE LANE URBAN AND RURAL ROUNDABOUTS

PIPE CULVERTS AND ENDWALLS

D-PB-1	03-16-17	STANDARD DETAILS FOR CONCRETE PIPE INSTALLATION
D-PE-18A	01-06-15	18" CONCRETE ENDWALL CROSS DRAIN (FOR 3:1, 4:1 & 6:1 SLOPES)
D-PE-24A	07-05-17	24" CONCRETE ENDWALL CROSS DRAIN (FOR 3:1, 4:1 & 6:1 SLOPES)
D-PE-36A	06-14-13	36" CONCRETE ENDWALL CROSS DRAIN WITH STEEL PIPE GRATE (FOR 3:1, 4:1 & 6:1 SLOPES)
D-PE-48A	06-14-13	48" CONCRETE ENDWALL CROSS DRAIN WITH STEEL PIPE GRATE (FOR 3:1, 4:1 & 6:1 SLOPES)
D-PE-1	02-12-76	TYPE "A" CONCRETE ENDWALL 2:1 SLOPE. 36" TO 78"

CATCH BASINS AND MANHOLES

D-CB-12SB	03-11-14	STANDARD 4' X 4' SQUARE CONCRETE NO. 12 CATCH BASIN
D-CB-14S	03-11-14	STANDARD RECTANGULAR CONCRETE NO. 14 CATCH BASIN
D-CB-99	05-20-14	MISCELLANEOUS DETAILS FOR RECTANGULAR STRUCTURES
D-CBB-12A	05-27-01	TYPE 'B' CAST IRON FRAME, GRATE & NONMOUNTABLE INLET DETAILS FOR NOS. 10, 12, 14, 16 & 17 TYPE CATCH BASINS
D-MH-5	04-01-14	STANDARD 5' 2" X 5' 2" SQUARE CONCRETE NO. 3 MANHOLE

ROADWAY AND PAVEMENT APPURTENANCES

RP-MC-1	02-28-02	STANDARD 4" SLOPING (MOUNTABLE) CONCRETE CURBS AND CONCRETE CURBS AND GUTTERS
RP-NMC-10	07-29-03	STANDARD VERTICAL (NONMOUNTABLE) CONCRETE CURBS AND CONCRETE CURBS AND GUTTERS
RP-R-2		STANDARD CONSTRUCTION DETAILS FOR ROUNDABOUTS
RP-H-3	10-10-16	CURB RAMP AND TRUNCATED DOME SURFACE DETAIL

SAFETY DESIGN AND FENCES

S-GR31-1	03-28-17	W-BEAM GUARDRAIL
S-GRS-2	07-05-17	SPECIAL CASE: GUARDRAIL ATTACHMENT TO CONCRETE DECKS

DWG. NO. REV. DESCRIPTION

S-GRT-3 03-28-17 TYPE 21 GUARDRAIL END TERMINAL
DESIGN - TRAFFIC CONTROL

T-M-1	07-05-17	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS AND MARKING ABBREVIATIONS
T-M-3	07-24-14	MARKING STANDARDS FOR TRAFFIC ISLANDS, MEDIANS & PAVED SHOULDERS ON CONVENTIONAL ROADS
T-M-4	10-10-16	STANDARD INTERSECTION PAVEMENT MARKINGS
T-M-17	02-20-14	PAVEMENT MARKING DETAILS FOR ROUNDABOUTS
T-FAB-1	05-27-97	FLASHING YELLOW ARROW BOARD
T-PBR-1	03-16-17	INTERCONNECTED PORTABLE BARRIER RAIL
T-WZ-10	04-02-12	ADVANCE ROAD WORK SIGNING ON HIGHWAYS AND FREEWAYS
T-WZ-30	09-01-05	TRAFFIC CONTROL 2-LANE, 2-WAY DIVERSION (40 MPH OR LESS)

EROSION PREVENTION AND SEDIMENT CONTROL

EC-STR-27	08-01-12	TEMPORARY SLOPE DRAIN AND BERM
EC-STR-6	05-06-16	ROCK CHECK DAM
EC-STR-6A	05-06-16	ENHANCED ROCK CHECK DAM
EC-STR-19	04-01-08	CATCH BASIN PROTECTION
EC-STR-25	08-01-12	TEMPORARY CULVERT CROSSING, CONSTRUCTION EXIT, CONSTRUCTION FORD

STANDARD TRAFFIC OPERATIONS DRAWINGS

T-S-6	02-12-91	STANDARD MOUNTING DETAILS - BOLTED EXTRUDED PANELS
T-S-9	06-10-14	STANDARD LAYOUT GROUND MOUNTED SIGNS
T-S-10	04-04-12	STANDARD MOUNTING DETAILS FLAT SHEET SIGNS ALUMINUM-STEEL DESIGN

STANDARD STRUCTURE DRAWINGS

STD-17-1		INDEX OF DRAWINGS
STD-17-2		TERMINOLOGY
STD-17-3		GENERAL NOTES
STD-17-4		DESIGN SECTION LIMITS
STD-17-5		TYPICAL SECTION AND DETAILS
STD-17-6		TYPICAL ELEVATIONS
STD-17-7		CURB, RAIL & EDGE BEAM DETAILS - SKEW NOT LESS THAN 45 DEG.
STD-17-9		INTERIOR WALL END TREATMENTS
STD-17-10		TYPICAL WINGWALL DETAILS AND NOTES

DWG. NO. REV. DESCRIPTION

STD-17-13		WINGWALL DIMENSIONS AND QUANTITIES
STD-17-15		WINGWALL & SPECIAL RETAINING WALL DESIGN SECTIONS
STD-17-16		WINGWALL DESIGN SECTION
STD-17-17	06-01-11	BACKFILL AND DRAINAGE DETAILS
STD-17-18		BACKFILL DETAILS
STD-17-23		SIDEWALK AND MISCELLANEOUS DETAILS
STD-17-24		WARPED SLOPE DETAIL
STD-17-29		PRECAST BOX CULVERT DETAILS
STD-17-123		SLAB BRIDGE, 1 BARREL AT 16', CLEAR HTS. 9' - 12', 0 - 60' FILL



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DETAILS AND STANDARD DRAWINGS

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

CHK.	DATE	DESCRIPTION
JK	03-28-17	ISSUED FOR 30% REVIEW
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- (1) NO ACTIVITY MAY SUBSTANTIALLY DISRUPT THE MOVEMENT OF THOSE SPECIES OF AQUATIC LIFE INDIGENOUS TO THE WATER BODY, INCLUDING THOSE SPECIES THAT NORMALLY MIGRATE THROUGH THE AREA.
- (2) SHOULD CLIFF SWALLOW OR BARN SWALLOW NESTS, EGGS, OR BIRDS (YOUNG AND ADULTS) BE PRESENT, THE CONTRACTOR SHALL CONTACT THE LOCAL U.S. FISH & WILDLIFE SERVICE OFFICE TO DETERMINE IF SEASONAL RESTRICTIONS WILL BE NECESSARY. GENERALLY, BIRDS, NESTS, AND EGGS MAY NOT BE DISTURBED BETWEEN APRIL 15 AND JULY 31. FROM AUGUST 1 TO APRIL 14, NESTS CAN BE REMOVED OR DESTROYED SO LONG AS BIRDS OR EGGS ARE NOT PRESENT, AND MEASURES IMPLEMENTED TO PREVENT FUTURE NEST BUILDING AT THE SITE (I.E., CLOSING OFF AREA USING NETTING).
- (3) IF THE REMOVAL OF ANY TREES WITH A DIAMETER AT BREAST HEIGHT (DBH) GREATER THAN 3 INCHES IS DEEMED NECESSARY THE ENGINEER SHALL CONTACT THE LOCAL U.S. FISH & WILDLIFE SERVICE OFFICE PRIOR TO REMOVAL OF ANY TREES.

INSPECTION, MAINTENANCE & REPAIR

- (4) REFER TO THE STORM WATER POLLUTION AND PREVENTION PLAN.

PERMITS, PLANS & RECORDS

- (5) THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR AND OBTAIN ANY NECESSARY ENVIRONMENTAL PERMITS OR APPROVALS, INCLUDING BUT NOT LIMITED TO ARCHAEOLOGY, ECOLOGY, HISTORICAL, HAZARDOUS MATERIALS, AIR AND NOISE, TDEC ARAP/401, USACE SECTION 404, TVA SECTION 26A, AND TDEC NPDES PERMITS, FROM FEDERAL, STATE AND/OR LOCAL AGENCIES REGARDING ANY MATERIAL AND STAGING AREAS AND THE OPERATION OF ANY PROJECT-DEDICATED ASPHALT AND/OR CONCRETE PLANTS TO BE USED. ANY SUCH PERMITS SHALL BE SUPPLIED TO THE _____ PRIOR TO THE USE OF THE PERMITTED AREA(S).
- (6) ANY DISAGREEMENT BETWEEN THE CONSTRUCTION PLANS, THE PROJECT AS CONSTRUCTED, AND THE PERMIT(S) ISSUED FOR THE PROJECT, SHALL BE BROUGHT TO THE ATTENTION OF THE _____. THE _____ SHALL BE CONTACTED IN THESE INSTANCES AND DECIDE WHICH HAS PRECEDENCE AND WHETHER PERMIT OR PLANS REVISIONS ARE NEEDED. IN GENERAL, PERMIT CONDITIONS WILL PREVAIL.
- (7) IF A CHANGE IN PROJECT SCOPE OCCURS DURING CONSTRUCTION, INCLUDING VALUE ENGINEERING, THE _____ SHALL BE CONTACTED TO DETERMINE WHETHER PERMIT REVISIONS ARE NEEDED. THE _____ SHALL BE CONTACTED TO DETERMINE IF ANY PLAN REVISIONS ARE NEEDED.
- (8) THE CONTRACTOR SHALL REVIEW ALL EXISTING PERMITS TO ENSURE THAT WORK AT PERMITTED SITES DOES NOT EXCEED EXPIRATION DATE. IF WORK IS GOING TO BE CONTINUED AFTER EXPIRATION DATES, THE CONTRACTOR SHALL CONTACT THE _____ TO COMMENCE PERMIT RENEWAL PROCESS.
- (9) ALL WATER QUALITY PERMITS SHALL BE POSTED NEAR THE MAIN ENTRANCE OF THE CONSTRUCTION SITE ACCESSIBLE TO THE PUBLIC. THE NAME, COMPANY NAME, EMAIL ADDRESS, TELEPHONE NUMBER AND ADDRESS OF THE PROJECT SITE OWNER, OPERATOR, OR A LOCAL CONTACT PERSON WITH A BRIEF DESCRIPTION OF THE PROJECT SHALL ALSO BE POSTED. IF POSTING THIS INFORMATION NEAR A MAIN ENTRANCE IS INFEASIBLE, THE INFORMATION SHALL BE PLACED IN A PUBLICLY ACCESSIBLE LOCATION NEAR WHERE THE CONSTRUCTION IS ACTIVELY UNDERWAY AND MOVED AS NECESSARY. THIS LOCATION SHALL BE POSTED AT THE CONSTRUCTION SITE. ALL POSTINGS SHALL BE MAINTAINED IN LEGIBLE CONDITION.
- (10) THE EPSC PLAN IS TO SERVE AS AN INITIAL GUIDE FOR SITE PERSONNEL AS THE CONSTRUCTION PROCESS DEVELOPS. IT MUST BE AMENDED, MODIFIED, AND UPDATED WHENEVER A CHANGE IN THE DESIGN OR CONSTRUCTION OF THE PROJECT OCCURS. THE STAGES DEPICTED IN THE EPSC PLANS MAY NOT COINCIDE WITH THE ACTUAL PHASES OF CONSTRUCTION ESTABLISHED BY THE CONTRACTOR DURING CONSTRUCTION, THUS MODIFICATIONS WILL BE REQUIRED TO ENSURE THE EPSC PLAN IS MAINTAINED TO DEPICT CURRENT SITE CONDITIONS. IT SHOULD BE MAINTAINED SUCH THAT IT WILL ALWAYS REFLECT THE MEASURES THAT ARE INSTALLED DURING THE VARIOUS PHASES OF CONSTRUCTION. IT IS IMPRACTICAL TO DETERMINE ALL THE INTERMEDIATE PHASES OF CONSTRUCTION THAT WILL OCCUR, THUS THESE DOCUMENTS WILL HAVE TO BE UPDATED THROUGHOUT THE LIFE OF THE CONSTRUCTION PROJECT.

GOOD HOUSEKEEPING MEASURES & WASTE DISPOSAL

- (11) THE CONTRACTOR SHALL ESTABLISH AND MAINTAIN A PROACTIVE METHOD TO PREVENT LITTER AND CONSTRUCTION WASTES FROM ENTERING WATERS OF THE STATE/U.S. THESE MATERIALS SHALL BE

REMOVED FROM STORMWATER EXPOSURE PRIOR TO ANTICIPATED STORM EVENTS OR BEFORE BEING CARRIED OFFSITE BY WIND, OR OTHERWISE PREVENTED FROM BECOMING A POLLUTANT SOURCE FOR STORMWATER DISCHARGES. AFTER USE, MATERIALS USED FOR EPSC SHALL BE REMOVED FROM THE SITE.

- (12) THE CONTRACTOR SHALL TAKE APPROPRIATE STEPS TO ENSURE THAT PETROLEUM PRODUCTS OR OTHER CHEMICAL POLLUTANTS ARE PREVENTED FROM ENTERING WATERS OF THE STATE/U.S. ALL EQUIPMENT REFUELING, SERVICING, AND STAGING AREAS SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL LAWS, RULES, REGULATIONS, AND ORDINANCES, INCLUDING THOSE OF THE NATIONAL FIRE PROTECTION ASSOCIATION. APPROPRIATE CONTAINMENT MEASURES FOR THESE AREAS SHALL BE USED.
- (13) CONTRACTORS SHALL PROVIDE DESIGNATED TRUCK WASHOUT AREAS ON THE SITE. THESE AREAS MUST BE SELF CONTAINED, NOT CONNECTED TO ANY STORMWATER OUTLET OF THE SITE, AND PROPERLY SIGNED. WASH DOWN OR WASTE DISCHARGE OF CONCRETE TRUCKS SHALL NOT BE PERMITTED ONSITE UNLESS PROPER SETTLEMENT AREAS HAVE BEEN PROVIDED IN ACCORDANCE WITH BOTH STATE AND FEDERAL REGULATIONS.
- (14) WHEEL WASH WATER SHALL BE COLLECTED AND ALLOWED TO SETTLE OUT SUSPENDED SOLIDS PRIOR TO DISCHARGE. WHEEL WASH WATER SHALL NOT BE DISCHARGED DIRECTLY INTO ANY STORMWATER SYSTEM OR STORMWATER TREATMENT SYSTEM.
- (15) IF PORTABLE SANITARY FACILITIES ARE PROVIDED ON CONSTRUCTION SITES, SANITARY WASTE SHALL BE COLLECTED FROM THE PORTABLE UNITS IN A TIMELY MANNER BY A LICENSED WASTE MANAGEMENT CONTRACTOR OR AS REQUIRED BY ANY REGULATIONS. THE CONTRACTOR SHALL OBTAIN ANY AND ALL NECESSARY PERMITS TO DISPOSE OF SANITARY WASTE.
- (16) ONLY CONSTRUCTION PRODUCTS NEEDED SHALL BE STORED ONSITE BY THE CONTRACTOR. THE CONTRACTOR SHALL STORE ALL MATERIALS UNDER COVER AND IN APPROPRIATE CONTAINERS. PRODUCTS MUST BE STORED IN ORIGINAL CONTAINERS AND LABELED. MATERIAL MIXING SHALL BE CONDUCTED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. THE CONTRACTOR'S RESPONSIBLE PARTY SHALL INSPECT MATERIALS STORAGE AREAS REGULARLY TO ENSURE PROPER USE AND DISPOSAL.
- (17) WHEN POSSIBLE, ALL PRODUCTS SHALL BE USED COMPLETELY BEFORE PROPERLY DISPOSING OF THE CONTAINER OFFSITE. THE MANUFACTURER'S DIRECTIONS FOR DISPOSAL OF MATERIALS AND CONTAINERS SHALL BE FOLLOWED.
- (18) ALL PAINT CONTAINERS SHALL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT SHALL BE DISPOSED OF ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS AND APPLICABLE STATE AND LOCAL REGULATIONS.
- (19) ALL HAZARDOUS WASTE MATERIALS SHALL BE DISPOSED OF IN A MANNER WHICH IS COMPLIANT WITH LOCAL OR STATE REGULATIONS. SITE PERSONNEL SHALL BE INSTRUCTED IN THESE PRACTICES, AND THE INDIVIDUAL DESIGNATED AS THE CONTRACTOR'S RESPONSIBLE PARTY SHALL BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED. THE CONTRACTOR SHALL OBTAIN ANY AND ALL NECESSARY PERMITS TO DISPOSE OF HAZARDOUS MATERIAL.
- (20) OPEN BURNING IS PROHIBITED UNLESS IT IS SPECIFICALLY ALLOWED BY LAW. IF ALLOWED, NATURAL VEGETATION, TREES, AND UNTREATED LUMBER SHALL BE THE ONLY MATERIALS THAT CAN BE OPEN BURNED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL APPLICABLE STATE AND LOCAL PERMITS PRIOR TO ANY BURNING.
- (21) DISPOSAL OF ONSITE VEGETATION AND TREES BY CHIPPING THEM INTO MULCH IS PREFERABLE TO OPEN BURNING. THIS MULCH MAY BE USED AS AN ONSITE SOIL STABILIZATION MEASURE WHERE APPROPRIATE.
- (22) WASTE MATERIAL (EARTH, ROCK, ASPHALT, CONCRETE, ETC.) NOT REQUIRED FOR THE CONSTRUCTION OF THE PROJECT WILL BE DISPOSED OF BY THE CONTRACTOR. IMPACTS TO WATERS OF THE STATE/U.S. SHALL BE AVOIDED IF POSSIBLE. IF UNAVOIDABLE, THE CONTRACTOR WILL OBTAIN ANY AND ALL NECESSARY PERMITS INCLUDING, BUT NOT LIMITED TO NPDES, AQUATIC RESOURCES ALTERATION PERMIT(S), CORPS OF ENGINEERS SECTION 404 PERMITS, AND TVA SECTION 26A PERMITS TO DISPOSE OF WASTE MATERIALS.

SUPPORT ACTIVITIES

- (23) MATERIALS AND STAGING AREAS SHALL NOT AFFECT ANY WATERS OF THE STATE/U.S. UNLESS THESE AREAS ARE SPECIFICALLY COVERED BY ENVIRONMENTAL PERMITS, OBTAINED SOLELY BY THE CONTRACTOR. THE CONTRACTOR SHALL REVIEW ALL EXISTING PERMITS TO ENSURE THAT WORK AT PERMITTED SITES DOES NOT EXCEED EXPIRATION DATES. IF WORK IS GOING TO BE CONTINUED AFTER EXPIRATION DATES, THE

CONTRACTOR SHALL CONTACT THE _____ TO COMMENCE PERMIT RENEWAL PROCESS.



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GENERAL NOTES

**CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE**

CHK.	DATE	DESCRIPTION
JK	05-21-2019	ISSUED FOR 30% REVIEW
JK	05-22-2018	REVIEW SET

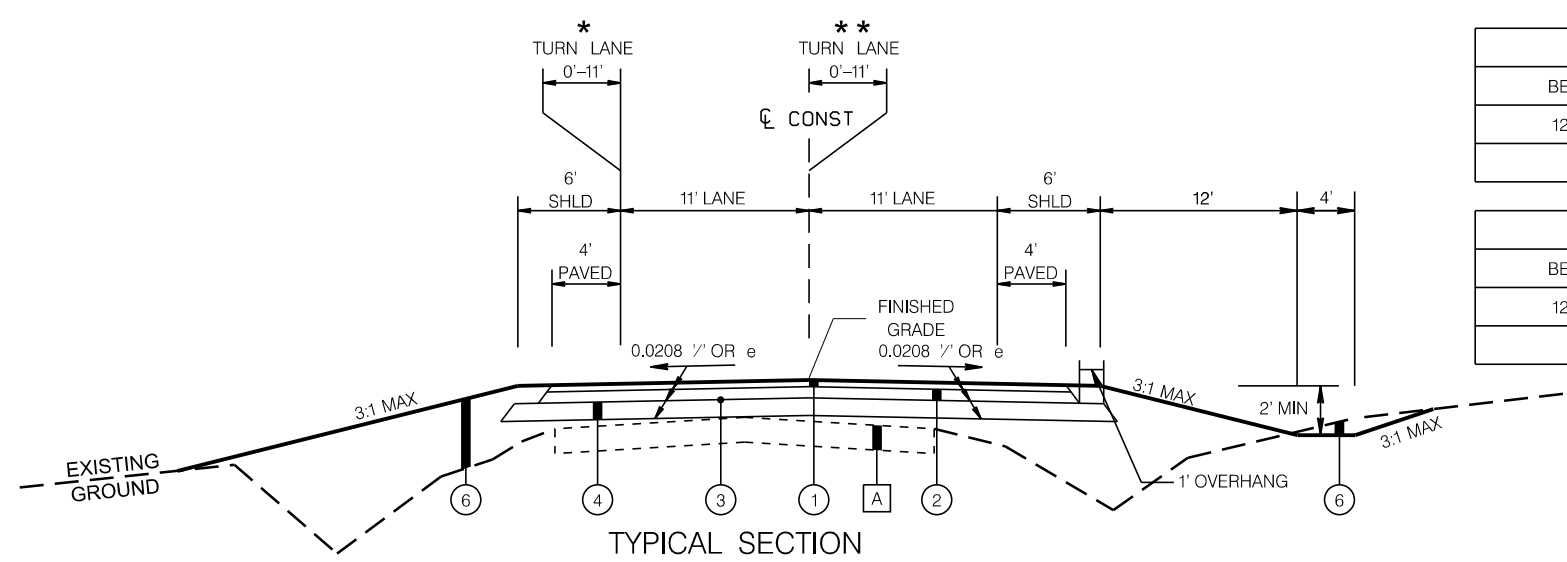
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CONSTRUCTION

TYPICAL SECTIONS
CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

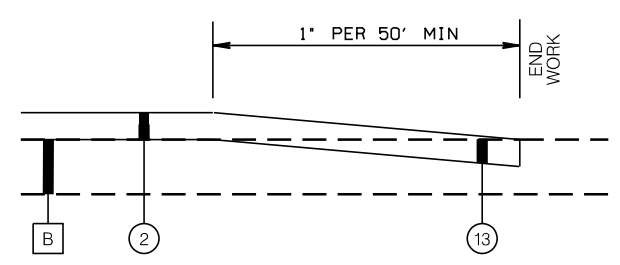
DATE	DESCRIPTION
05-21-2017	ISSUED FOR 30% REVIEW
05-22-2018	REVIEW SET

* TURN LANE SCHEDULE		
BEGIN STA	END STA	LENGTH (FT)
129+00.00	133+20.00	420

** TURN LANE SCHEDULE		
BEGIN STA	END STA	LENGTH (FT)
122+40.00	132+20.00	980



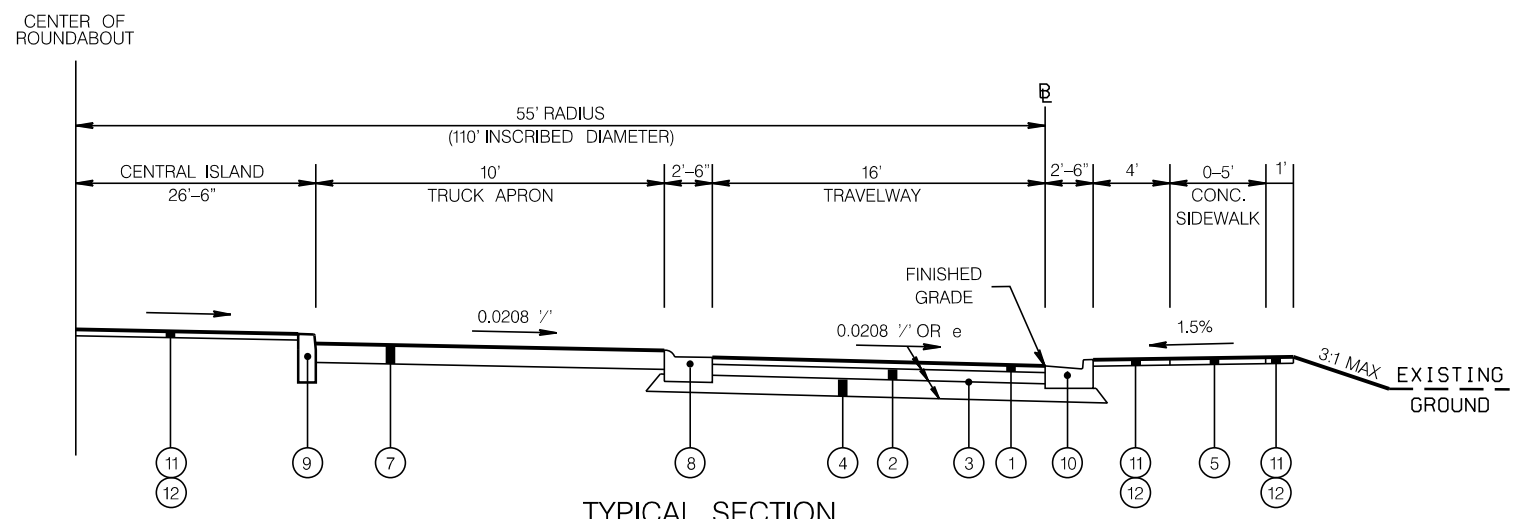
TYPICAL SECTION
(BASED ON STD. DWG. RD01-TS-1 & RD01-TS-2)
TO BE USED FOR CRITZ LANE FROM
STA. 113+72.19 TO STA. 128+70.58
STA. 129+95.00 TO STA. 149+17.30
STA. 154+58.79 TO STA. 195+22.49
STA. 200+63.99 TO STA. 225+00.00



TYPICAL PAVEMENT TAPER DETAIL
TO BE USED AS DIRECTED BY THE ENGINEER

REQUIRED MATERIALS LEGEND

LEGEND#	DESCRIPTION
A	IN-PLACE BITUMINOUS PAVEMENT (REMOVE)
B	IN-PLACE BITUMINOUS PAVEMENT (RETAIN)
1	ASPHALT SURFACE COURSE, 1.25" THICKNESS
2	ASPHALT BASE, 4.5" THICKNESS
3	BITUMINOUS TREATMENT A
4	CRUSHED AGGREGATE BASE COURSE, 6" COMPACTED THICKNESS
5	CONCRETE SIDEWALK, 4" THICK
6	UNCLASSIFIED EXCAVATION AND/OR BORROW EXCAVATION
7	PLAIN CEMENT CONCRETE PAVEMENT, 8" THICK
8	TYPE 4-30R CURB AND GUTTER
9	TYPE A CURB
10	TYPE 6-30 CURB AND GUTTER
11	TOPSOIL, 6" THICK
12	SOLID SODDING
13	PLANING EXISTING PAVEMENT (APPROX 2.10" THRU 3.0" THICK)



TYPICAL SECTION
(BASED ON STD. DWG. RD01-TS-9)
TO BE USED FOR
CLAYTON ARNOLD ROAD ROUNDABOUT
STA. 60+00.00 TO STA. 63+45.58 (CRITZ LANE STA. 151+33.05 TO STA. 152+43.05)
PANTALL ROAD ROUNDABOUT
STA. 70+00.00 TO STA. 73+45.58 (CRITZ LANE STA. 197+38.24 TO STA. 198+48.24)

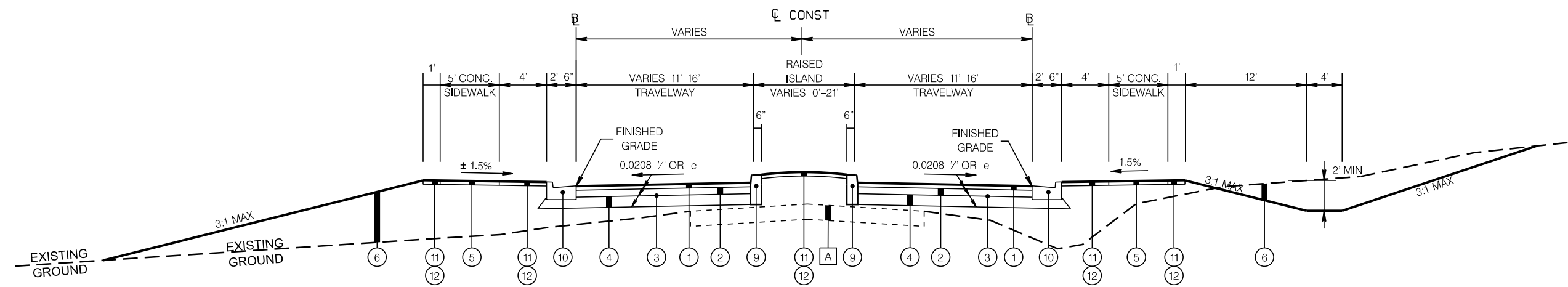
PRELIMINARY
NOT FOR
CONSTRUCTION

DATE _____

TYPICAL SECTIONS

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
		05-21-2017	ISSUED FOR 30% REVIEW
		05-22-2018	REVIEW SET



TYPICAL SECTION
(BASED ON STD. DWG. RD01-TS-6A)
TO BE USED FOR
CRITZ LANE

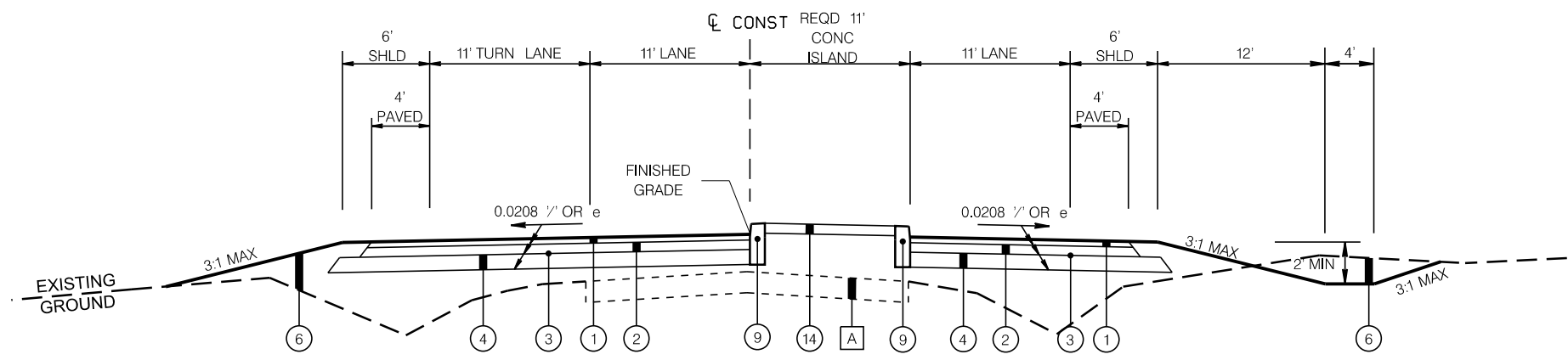
STA. 149+17.30 TO STA. 151+33.05
STA. 152+43.05 TO STA. 154+58.79
STA. 195+22.49 TO STA. 197+38.24
STA. 198+48.24 TO STA. 200+63.99

CLAYTON ARNOLD ROAD
STA. 18+28.82 TO STA. 19+43.70
STA. 20+56.35 TO STA. 21+74.04

PANTALL ROAD
STA. 38+28.82 TO STA. 39+43.70

REQUIRED MATERIALS LEGEND

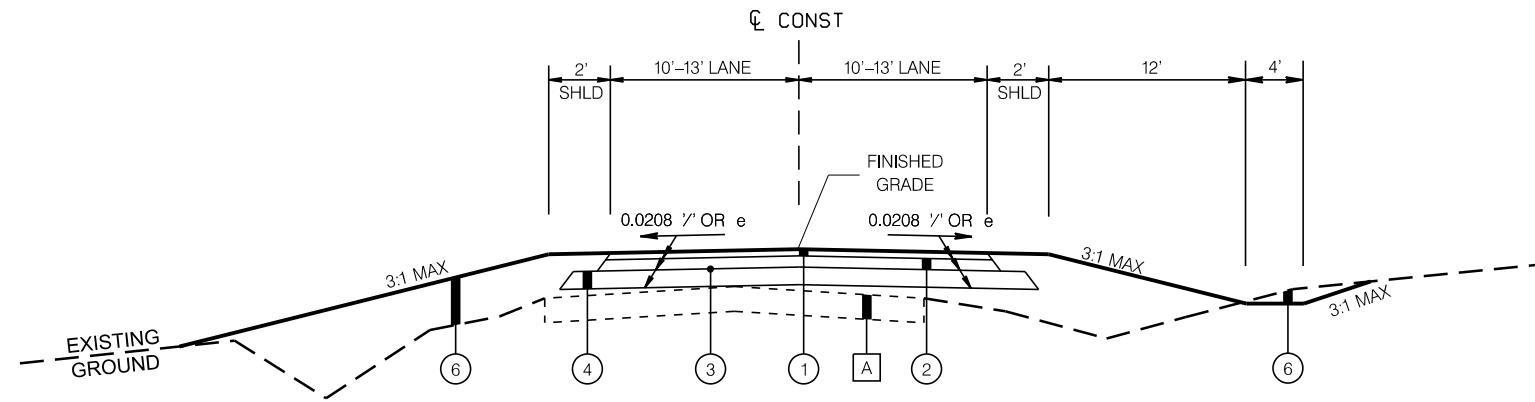
LEGEND#	DESCRIPTION
A	IN-PLACE BITUMINOUS PAVEMENT (REMOVE)
1	ASPHALT SURFACE COURSE, 1.25" THICKNESS
2	ASPHALT BASE, 4.5" THICKNESS
3	BITUMINOUS TREATMENT A
4	CRUSHED AGGREGATE BASE COURSE, 6" COMPACTED THICKNESS
5	CONCRETE SIDEWALK, 4" THICK
6	UNCLASSIFIED EXCAVATION AND/OR BORROW EXCAVATION
8	TYPE 4-30R CURB AND GUTTER
9	TYPE A CURB
10	TYPE 6-30 CURB AND GUTTER
11	TOPSOIL, 6" THICK
12	SOLID SODDING
14	PLAIN CEMENT CONCRETE PAVEMENT, 6" THICK



TYPICAL SECTION
(BASED ON STD. DWG. RD01-TS-2)
TO BE USED FOR CRITZ LANE FROM
STA. 128+70.58 TO STA. 129+95.00

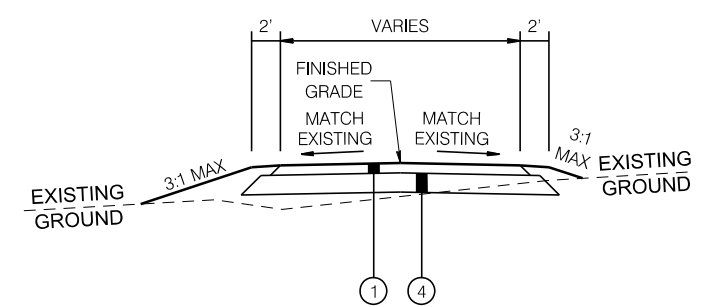
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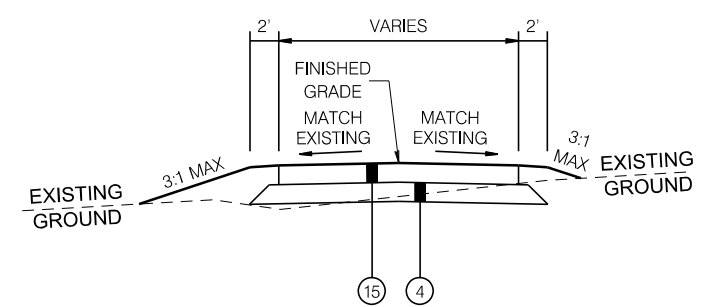
TYPICAL SECTION
(BASED ON STD. DWG. RD01-TS-1)
TO BE USED FOR

CLAYTON ARNOLD ROAD STA. 17+42.14 TO STA. 18+28.82
PANTALL ROAD STA. 37+22.14 TO STA. 38+28.82
BAUGH ROAD STA. 49+28.97 TO STA. 49+68.99



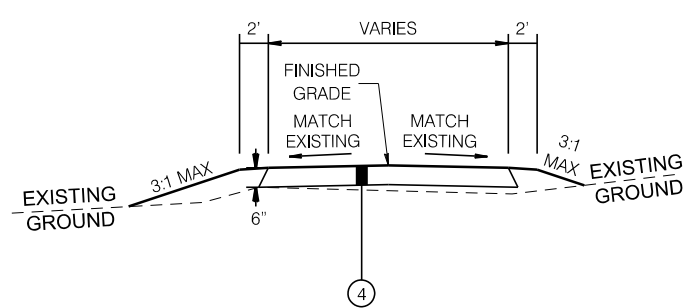
TYPICAL SECTION TO BE USED FOR:
ASPHALT DRIVEWAYS

NOTE: SEE PAVING, SIGNING & STRIPING
SHEETS FOR LENGTHS AND WIDTHS



TYPICAL SECTION TO BE USED FOR:
CONCRETE DRIVEWAYS

NOTE: SEE PAVING, SIGNING & STRIPING
SHEETS FOR LENGTHS AND WIDTHS



TYPICAL SECTION TO BE USED FOR:
GRAVEL DRIVEWAYS

NOTE: SEE PAVING, SIGNING & STRIPING
SHEETS FOR LENGTHS AND WIDTHS

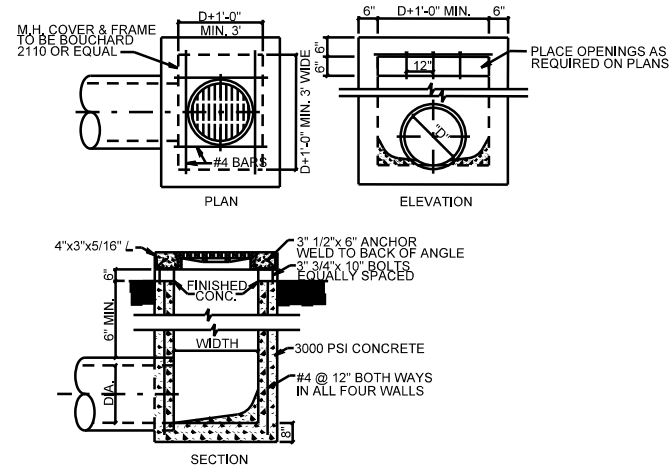
REQUIRED MATERIALS LEGEND

LEGEND#	DESCRIPTION
A	IN-PLACE BITUMINOUS PAVEMENT (REMOVE)
1	ASPHALT SURFACE COURSE, 1.25" THICKNESS (APPROX. 139 LBSY)
2	ASPHALT BASE, 4.5" THICKNESS (APPROX. 500 LBSY)
3	BITUMINOUS TREATMENT A
4	CRUSHED AGGREGATE BASE COURSE, 6" COMPACTED THICKNESS
6	UNCLASSIFIED EXCAVATION AND/OR BORROW EXCAVATION
15	CONCRETE DRIVEWAY, 6" THICKNESS

TYPICAL SECTIONS

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DATE	DESCRIPTION
05-21-2017	ISSUED FOR 30% REVIEW
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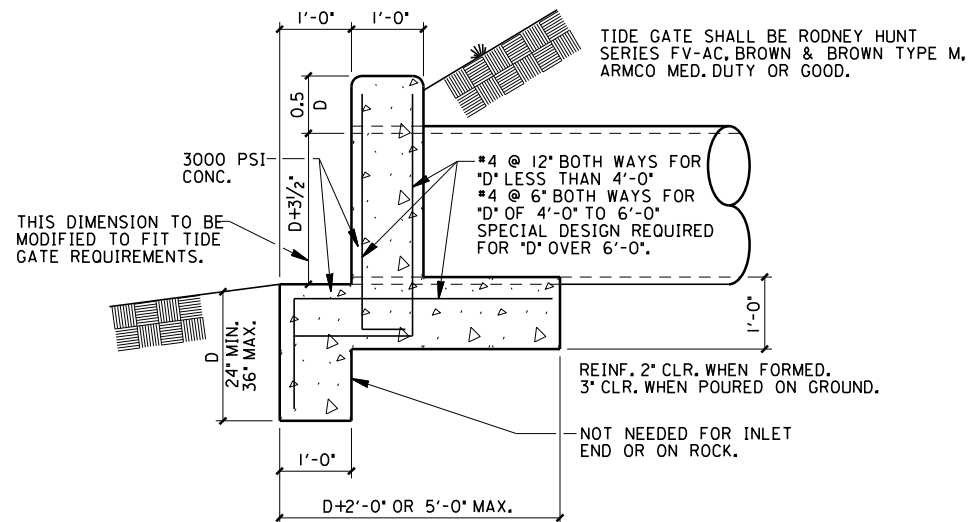
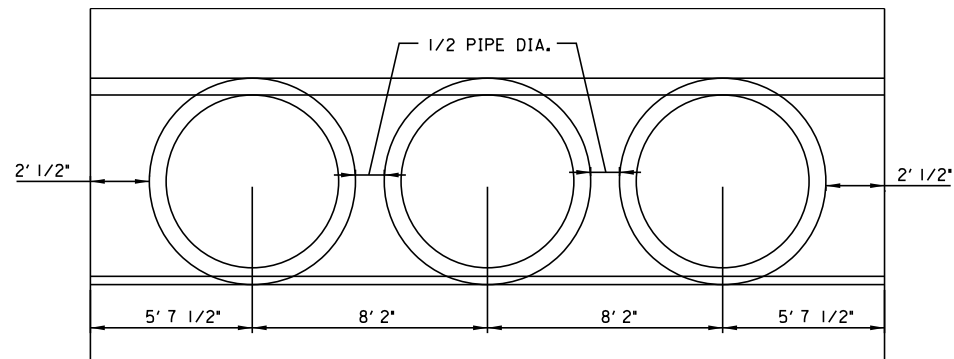


AREA DRAIN

N.T.S.
STRUCTURE 11 & 15

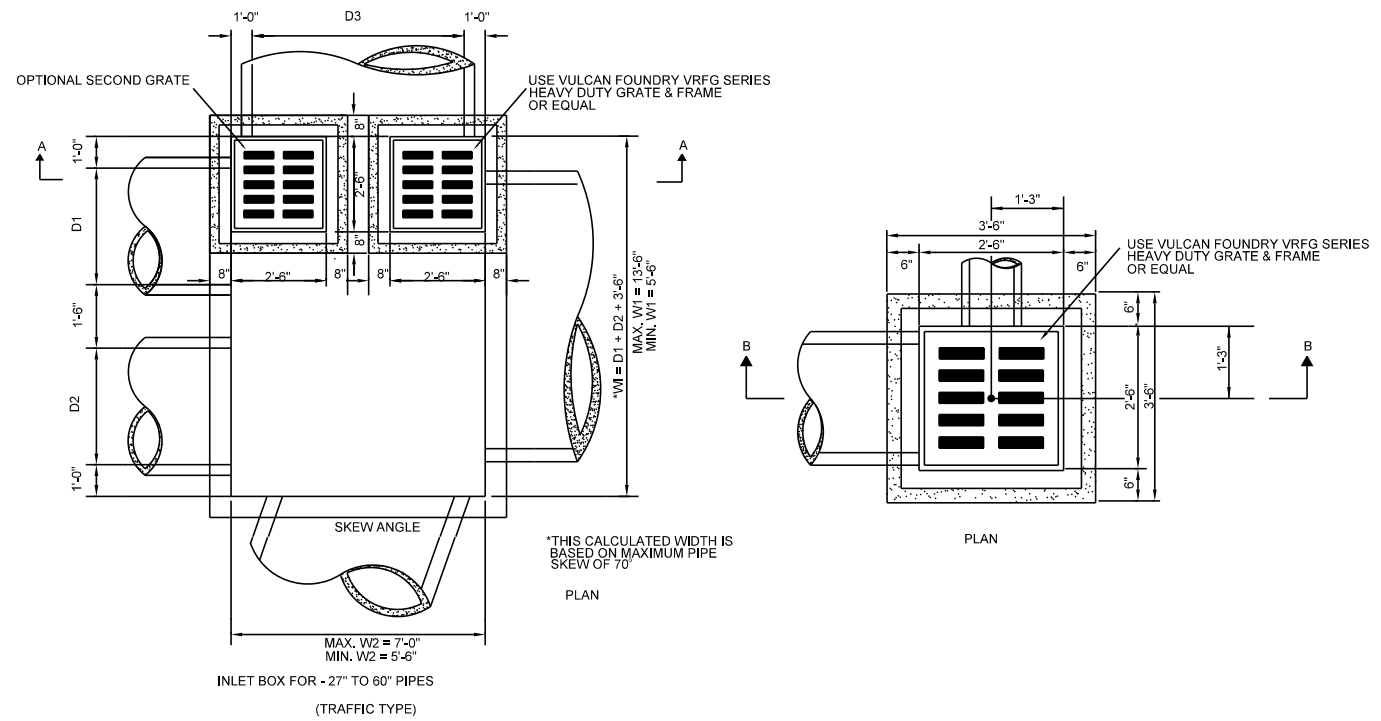
NOTES

1. MINIMUM SIZE ON AN INLET BOX IS 2'-6" X 2'-6".
2. MAXIMUM SIZE OF AN INLET BOX IS 7'-0" (W2) X 13'-6" (W1) FOR 7" TO 60" PIPES.
3. MINIMUM SIZE OF AN INLET BOX IS 2'-6" X 2'-6" FOR 15" TO 24" PIPES.
4. MAXIMUM HEIGHT OF AN INLET BOX IS AS SHOWN.
5. INLET BOXES GREATER THAN 7'-10" X 13'-6" X 10'-0" SHALL BE A SPECIAL DESIGNED INLET BOX.
6. ALL CONCRETE SHALL BE CLASS "A" AND SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI IN 28 DAYS.
7. REINFORCING SHALL BE INTERMEDIATE GRADE DEFORMED BARS AND SHALL CONFORM TO THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS FOR BILLET STEEL CONCRETE REINFORCEMENT BARS, ASTM A-15 AND DEFORMATIONS CONFORMING TO ASTM A-305.
8. STEPS ARE REQUIRED ON ALL INLET BOXES WHEN DIMENSION FROM BOTTOM SLAB FLOW LINE TO TOP SLAB IS GREATER THAN 4'-0"

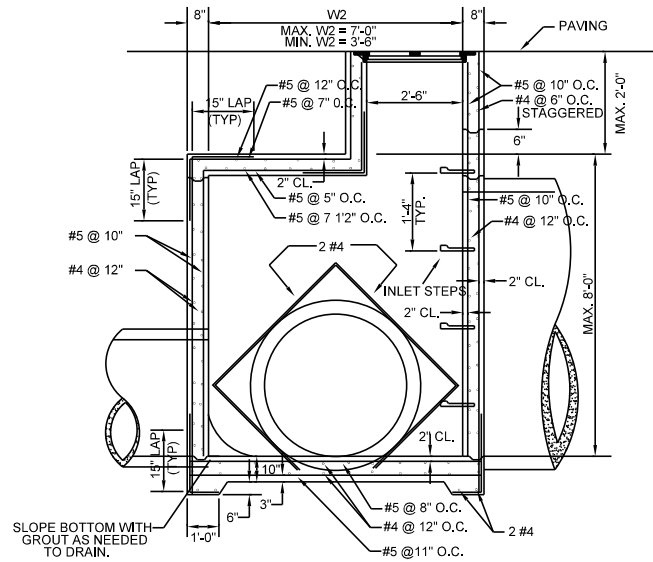


TRIPLE PIPE ENDWALL

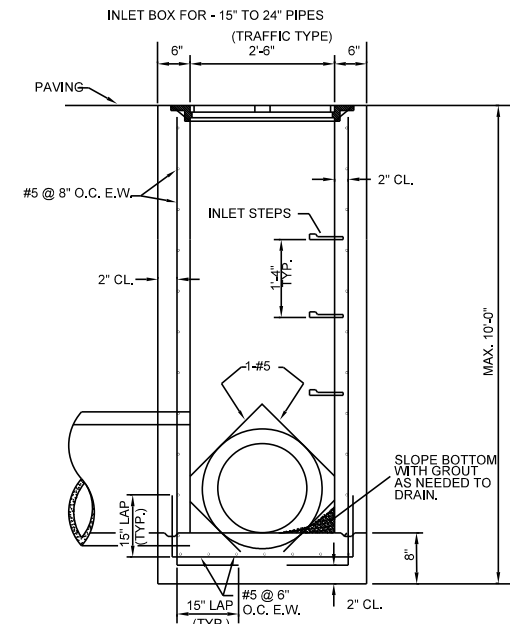
N.T.S.
STRUCTURE 29 & 30



INLET BOX FOR - 27" TO 60" PIPES (TRAFFIC TYPE)



SECTION A-A



SECTION B-B

TRAFFIC TYPE NOTES:

1. MIN. SIZE OF AN INLET BOX IS 2'-6" X 2'-6".
2. MAX. SIZE OF AN INLET BOX IS 7'-0" (W2) X 13'-6" (W1) FOR 27" TO 60" PIPES.
3. MIN. SIZE OF AN INLET BOX IS 2'-6" X 2'-6" FOR 15" TO 24" PIPES.
4. MAX. HEIGHT OF AN INLET BOX IS AS SHOWN.
5. INLET BOXES GREATER THAN 7'-0" X 13'-6" X 10'-0" SHALL BE A SPECIALY DESIGNED INLET BOX.
6. ALL CONCRETE SHALL BE CLASS "A" AND SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI IN 28 DAYS.
7. REINFORCING SHALL BE INTERMEDIATE GRADE DEFORMED BARS AND SHALL CONFORM TO THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS FOR BILLET STEEL CONCRETE REINFORCEMENT BARS, ASTM A-15 AND DEFORMATION CONFORMING TO ASTM 1-305.
8. STEPS ARE REQUIRED ON ALL INLET BOXES WHEN DIMENSION FROM BOTTOM SLAB FLOW LINE TO TOP OF TOP SLAB IS GREATER THAN 4'-0".

OPEN GRATE INLET BOX

N.T.S.
STRUCTURE 7 (SINGLE GRATE)
STRUCTURE 22 (DOUBLE GRATE)

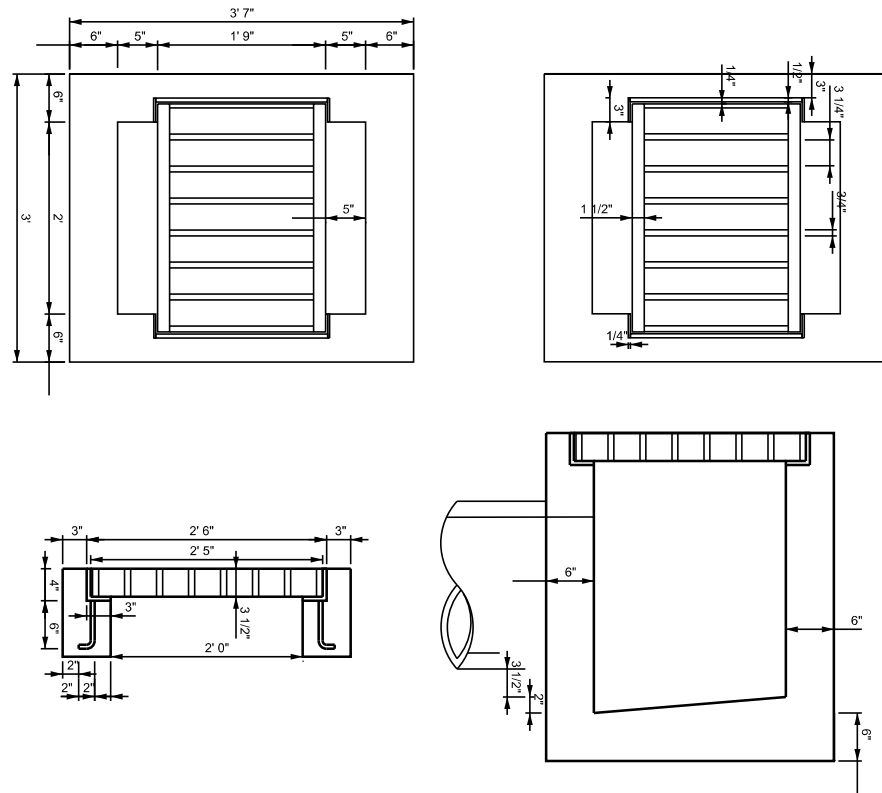
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DATE

DETAIL SHEET

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
KF	JR	05-12-2017	ISSUED FOR 30% REVIEW
KF	JR	05-22-2018	REVIEW SET

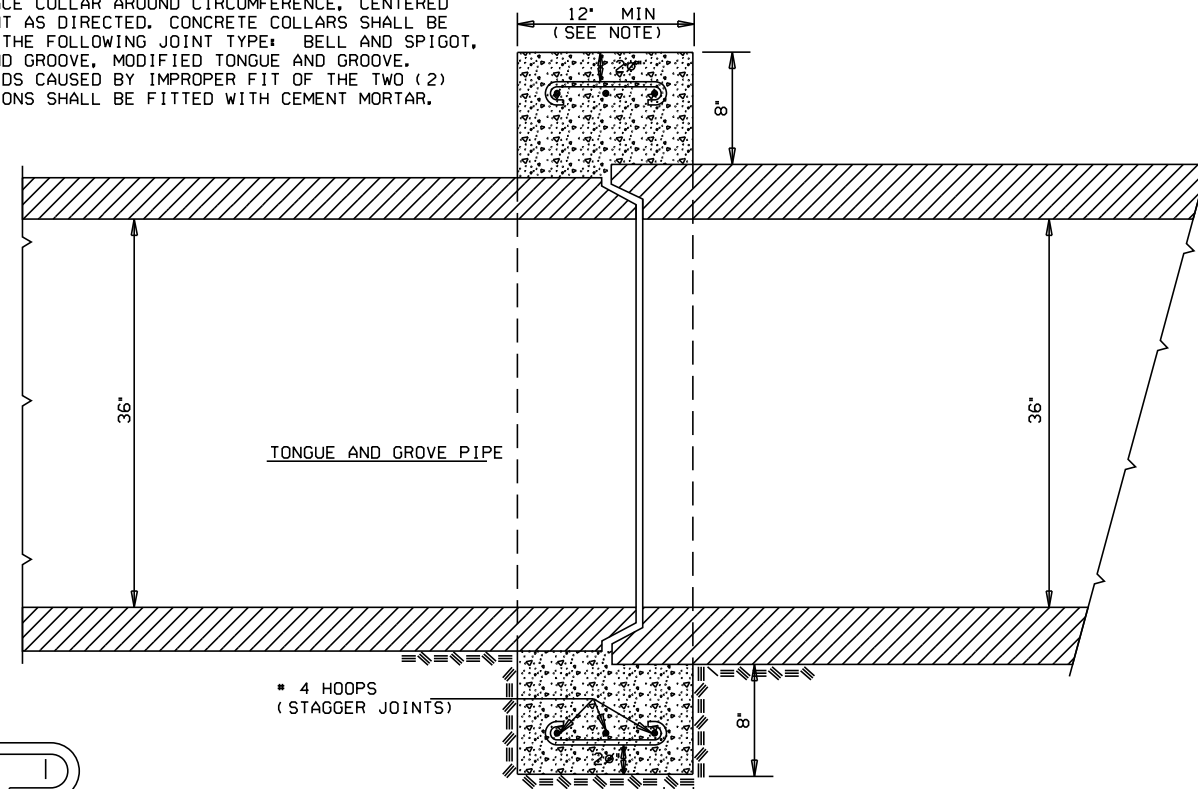


DITCH INLET

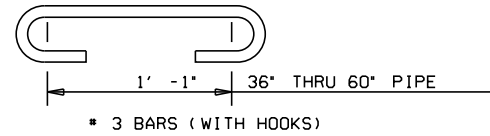
N.T.S.

STRUCTURE 24

NOTE: PLACE COLLAR AROUND CIRCUMFERENCE, CENTERED OVER JOINT AS DIRECTED. CONCRETE COLLARS SHALL BE USED FOR THE FOLLOWING JOINT TYPE: BELL AND SPIGOT, TONGUE AND GROOVE, MODIFIED TONGUE AND GROOVE. LARGE VOIDS CAUSED BY IMPROPER FIT OF THE TWO (2) PIPE SECTIONS SHALL BE FITTED WITH CEMENT MORTAR.



LONGITUDINAL SECTION THROUGH PIPE



PIPE COLLAR

N.T.S.

DATE

DETAIL SHEET

**CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE**

CHK.	DATE	DESCRIPTION
JR	05-19-2017	ISSUED FOR 30% REVIEW
JR	05-22-2018	REVIEW SET

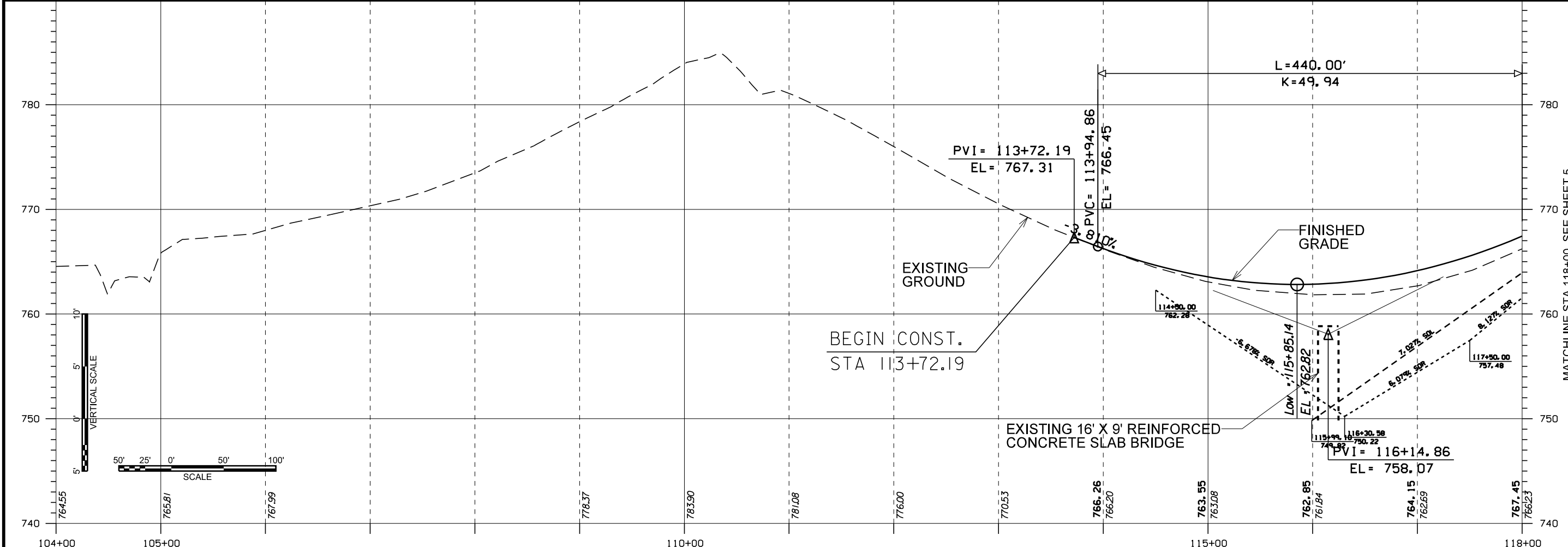
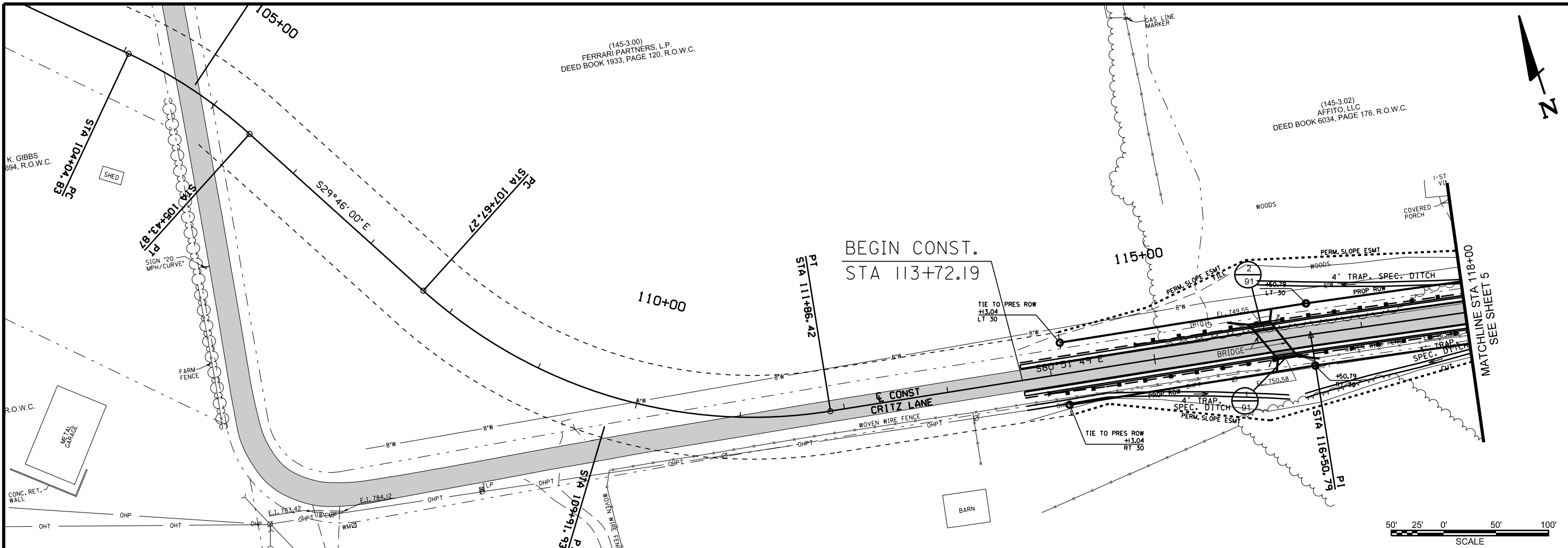
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PLAN AND PROFILE SHEETS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

MATCHLINE STA 118+00. SEE SHEET 5

DATE: 05-22-2019
REVISION: 05-22-2019
REVIEW: 05-22-2019



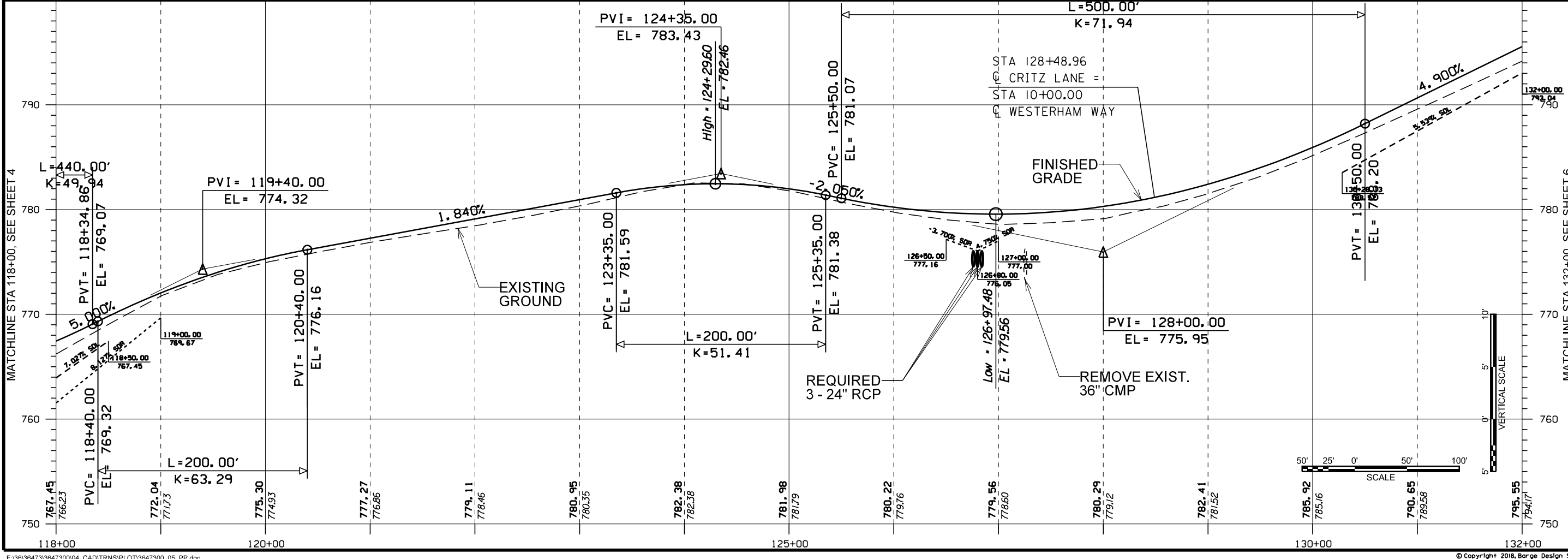
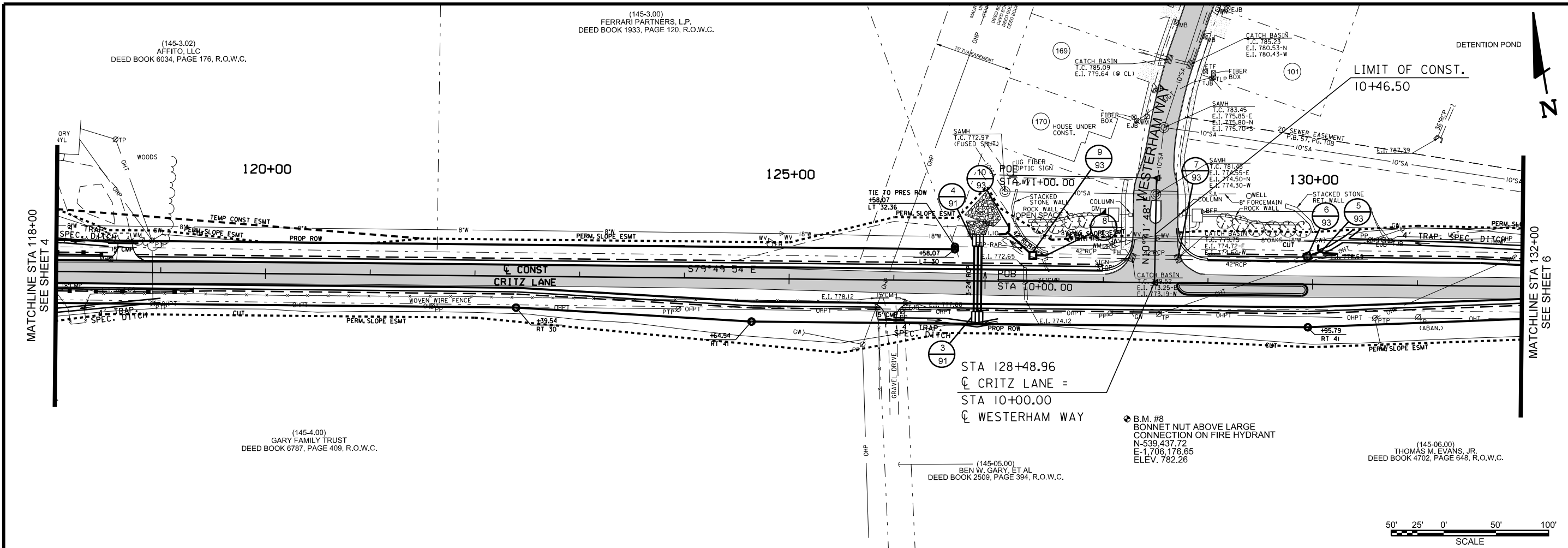
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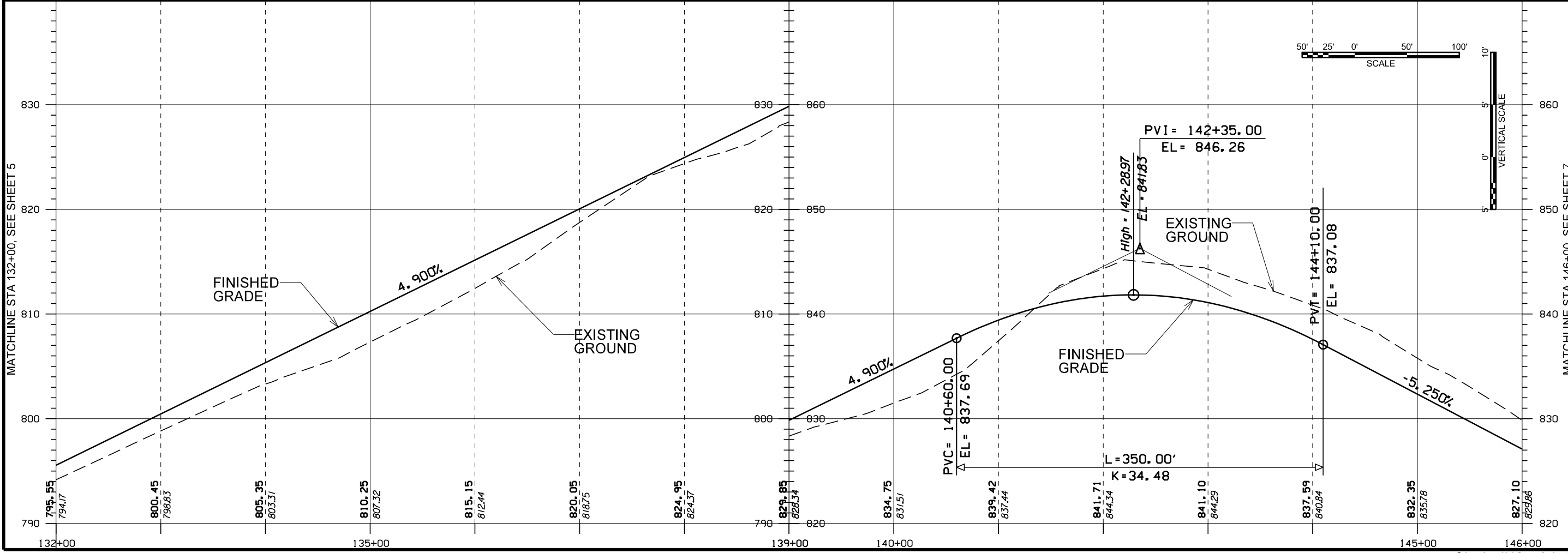
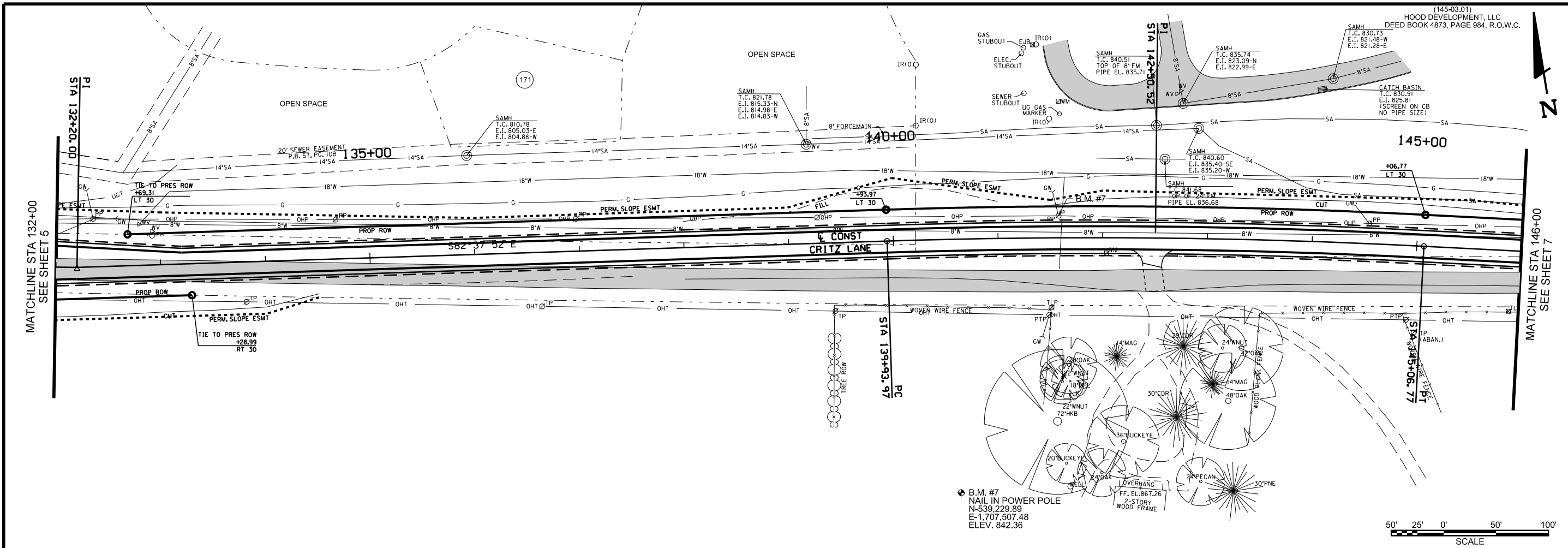
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PLAN AND PROFILE SHEETS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION





200 Clinton Avenue / Suite 800 / Huntsville, Alabama 35891
PHONE (256) 533-1561 / FAX (256) 533-1564

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PLAN AND PROFILE SHEETS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
			ISSUED FOR 30% REVIEW
			REVIEW SET

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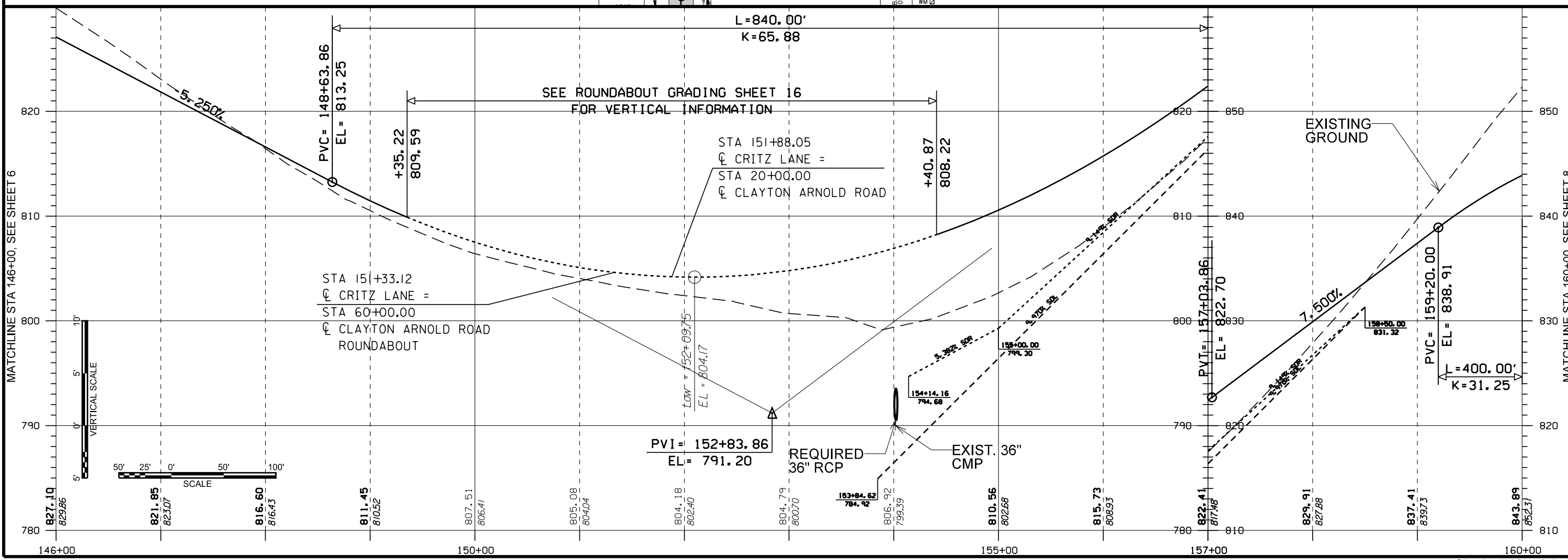
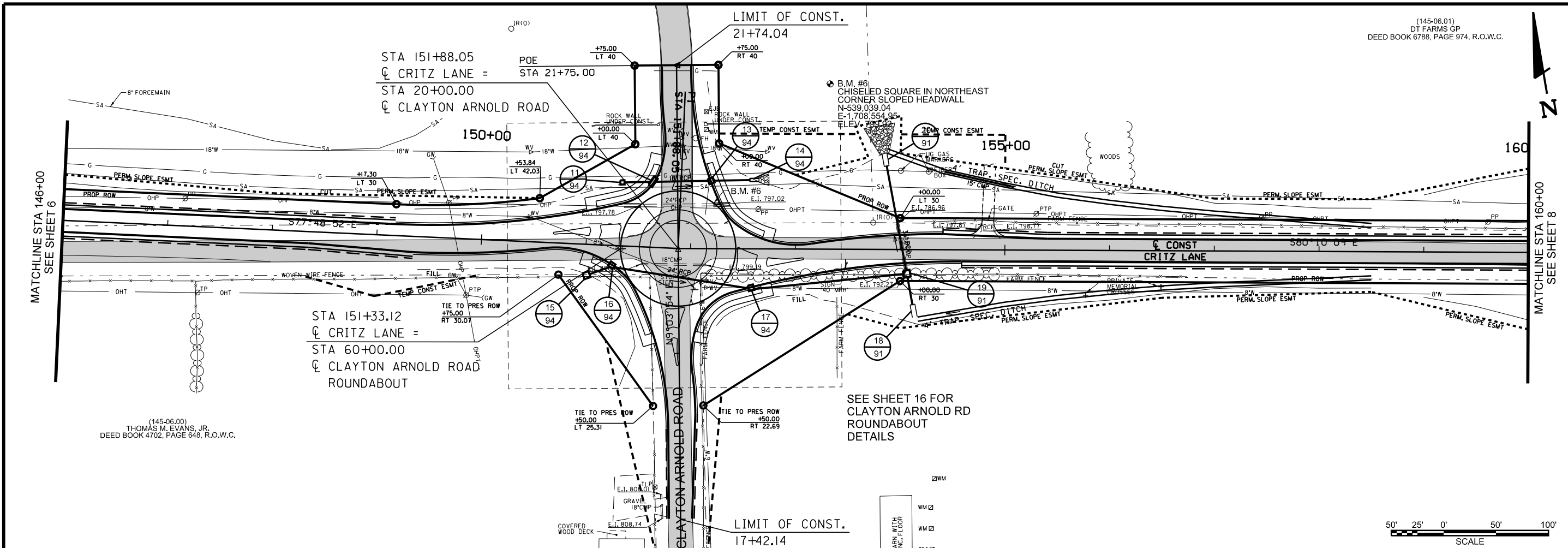
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TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR	CHK	DATE	DESCRIPTION



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DEED BOOK 6788, PAGE 974, R.O.W.C.

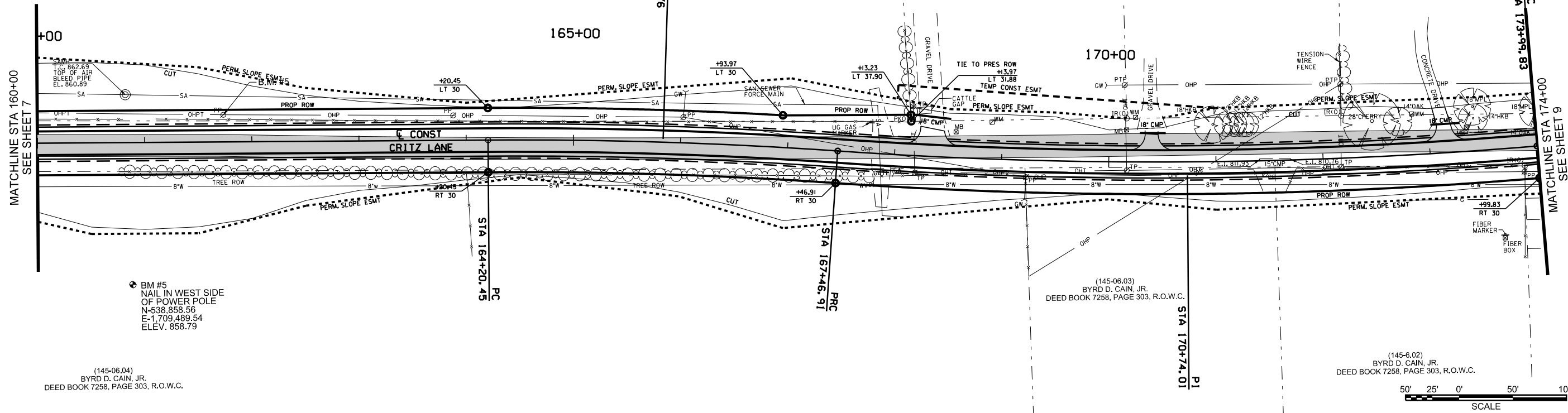
(145-17.20)
ELISA MARIE RUCKER & ROBERT BAUGHMAN
DEED BOOK 2020, PAGE 658, R.O.W.C.

(145-17.04)
RICHARD & JOYCE N. ROBERTS
DEED BOOK 1260, PAGE 854, R.O.W.C.

(145-17.05)
JEFFREY MICHAEL & CASEY PRINCE
DEED BOOK 6514, PAGE 486, R.O.W.C.

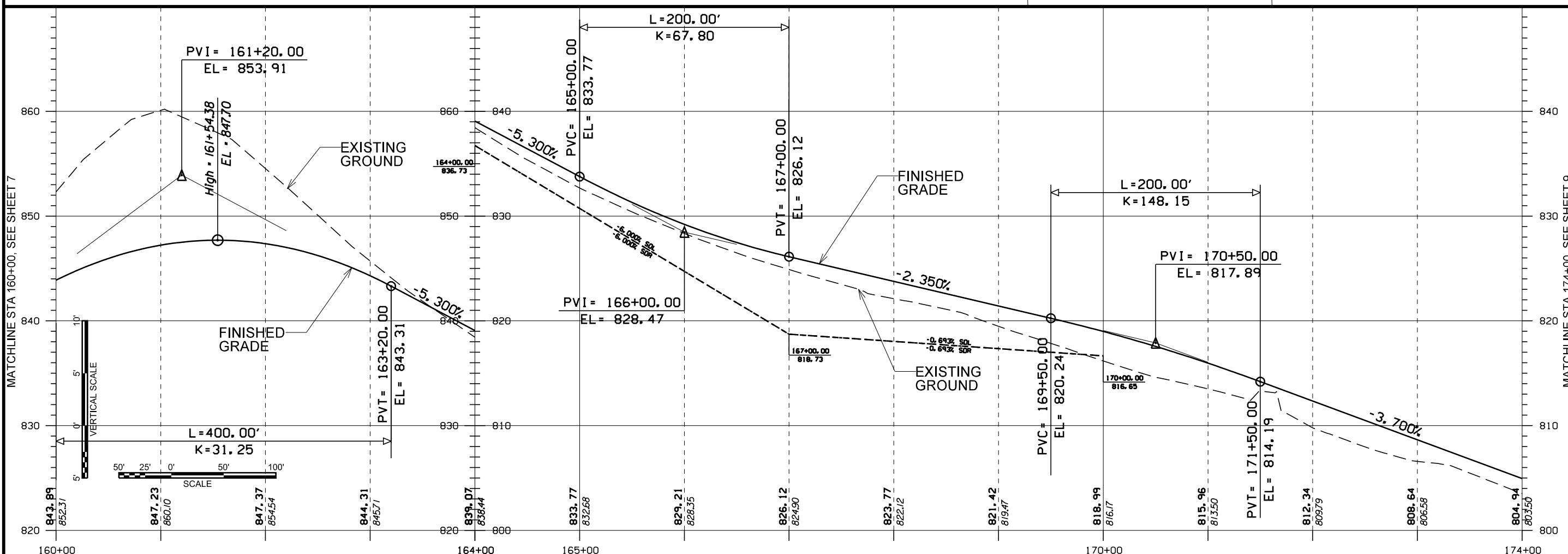
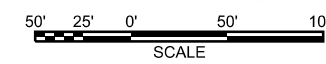
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BYRD D. CAIN, JR.
DEED BOOK 7258, PAGE 303, R.O.W.C.

(145-06.02)
BYRD D. CAIN, JR.
DEED BOOK 7258, PAGE 303, R.O.W.C.



BM #5
NAIL IN WEST SIDE
OF POWER POLE
N-538,858.56
E-1,709,489.54
ELEV. 858.79

(145-06.04)
BYRD D. CAIN, JR.
DEED BOOK 7258, PAGE 303, R.O.W.C.

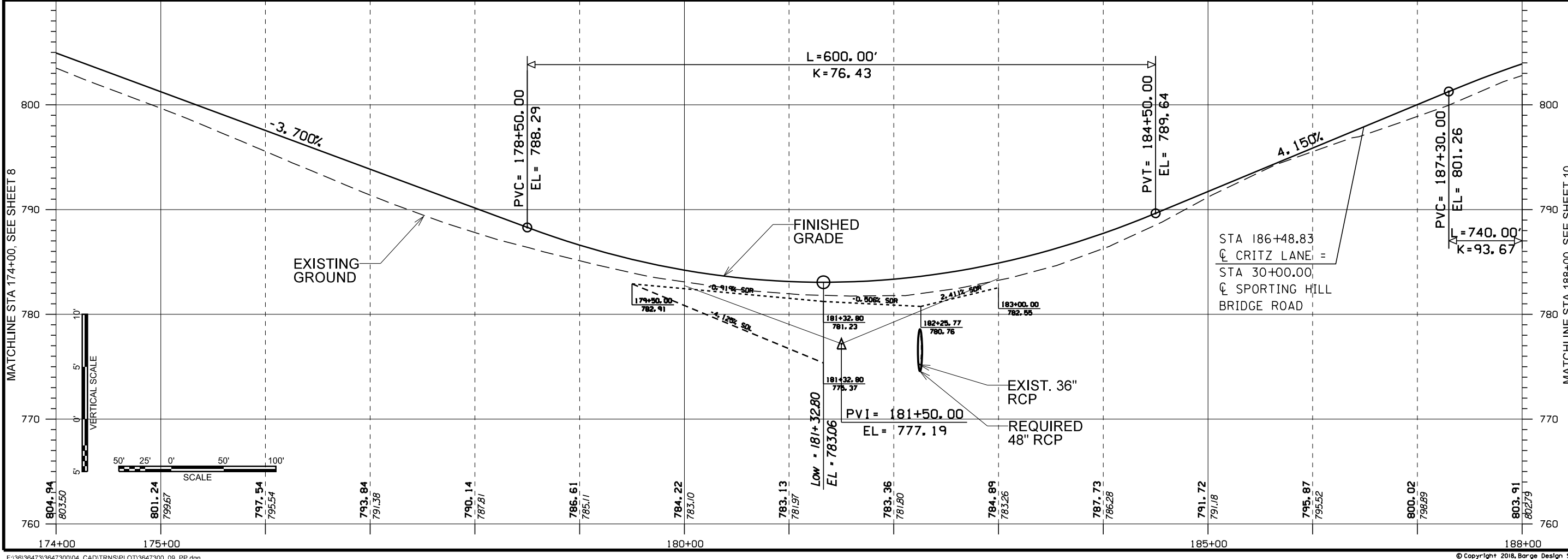
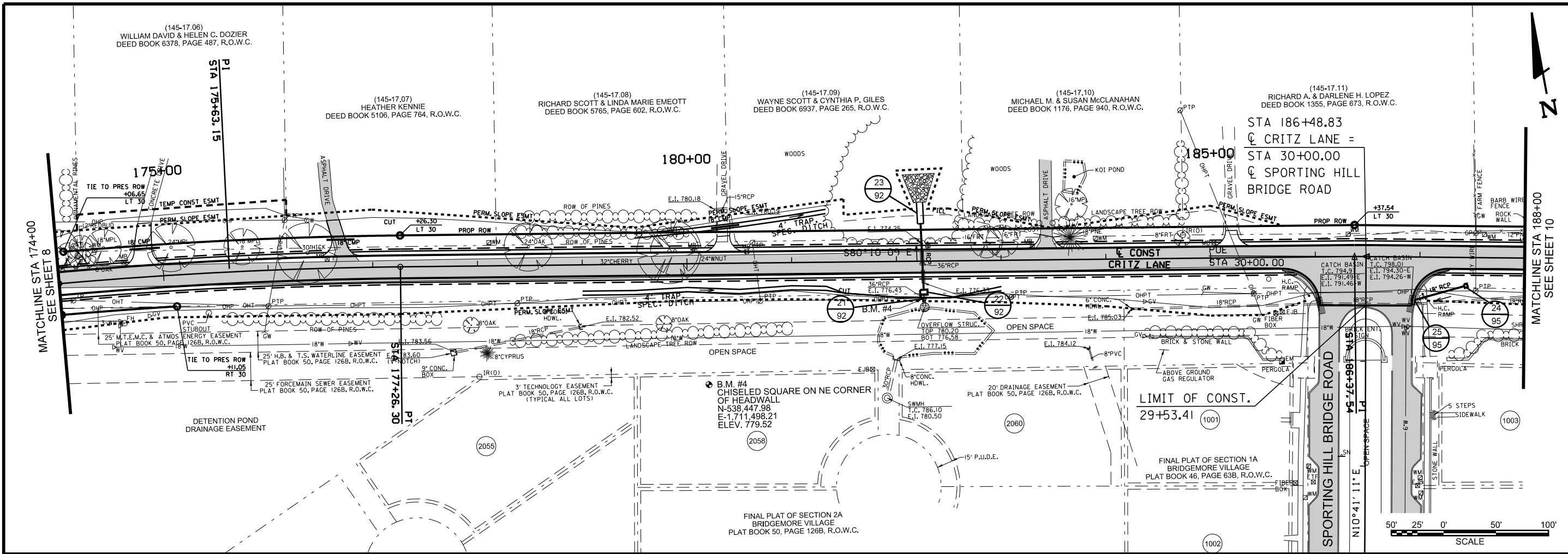


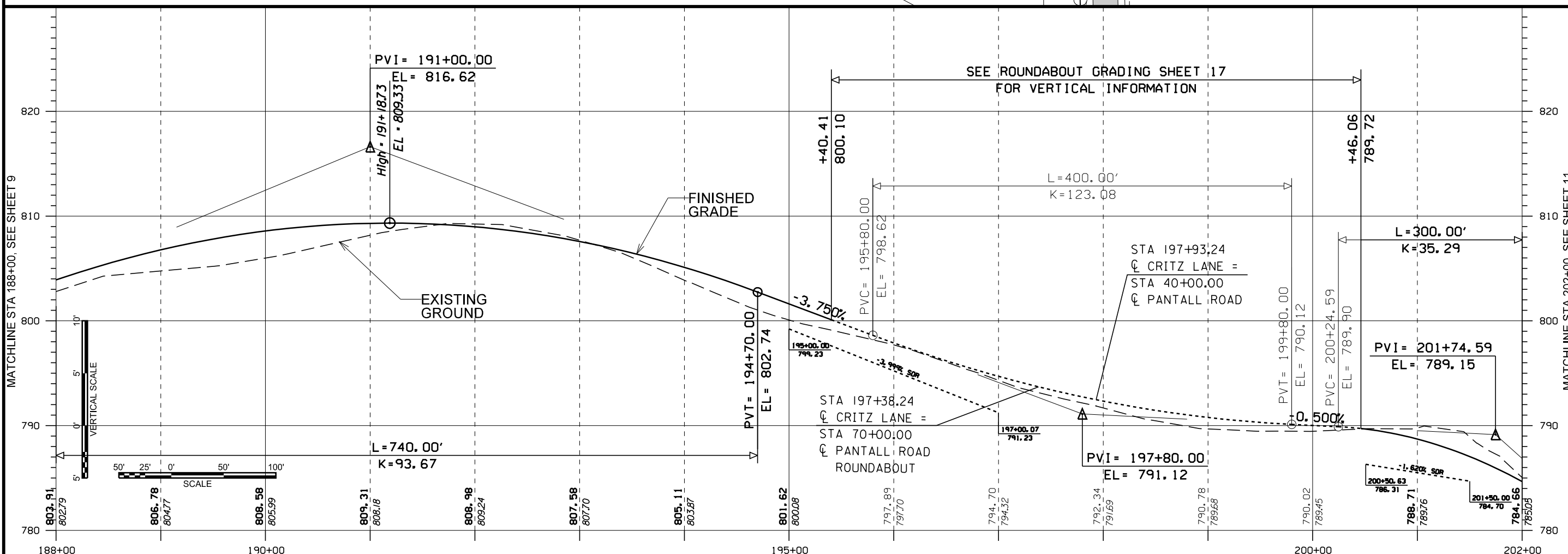
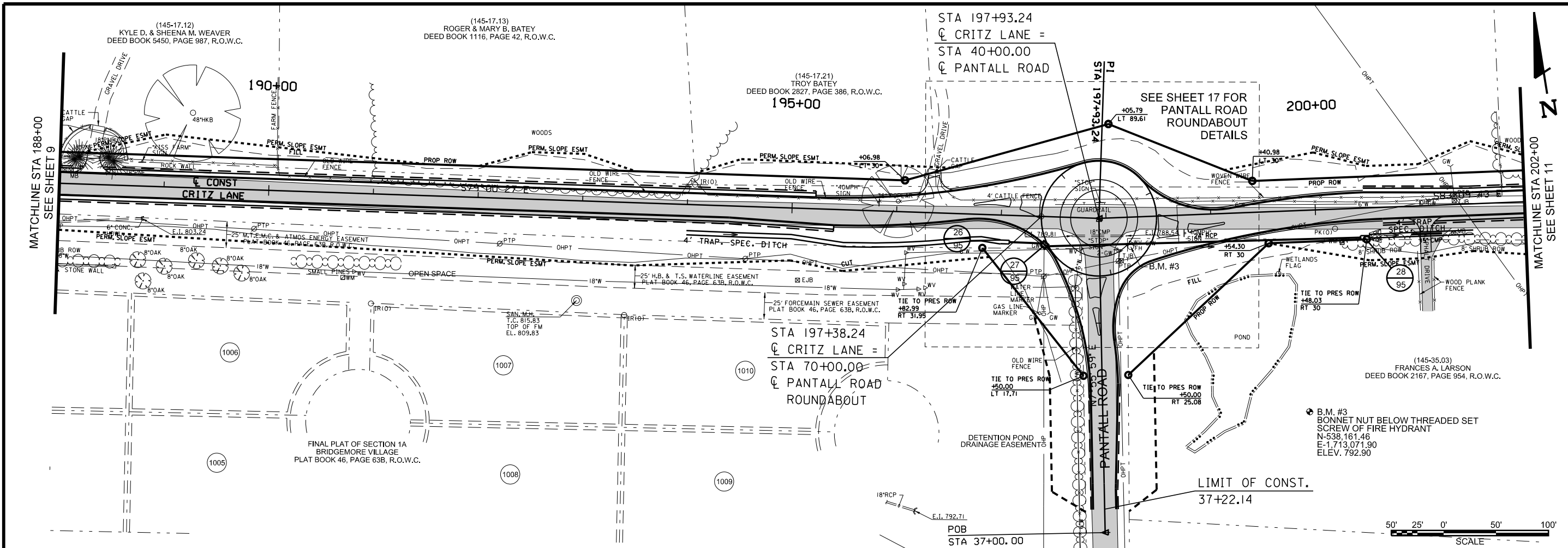
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PLAN AND PROFILE SHEETS - CRITZ LANE
CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

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JK	JK	05-21-2018	ISSUED FOR 30% REVIEW
JK	JK	05-22-2018	REVIEW SET

DR.	CHK.	DATE	DESCRIPTION





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CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

MATCHLINE STA 202+00. SEE SHEET 11

MATCHLINE STA 188+00. SEE SHEET 9

10

MATCHLINE STA 202+00. SEE SHEET 11

DESCRIPTION
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REVIEW SET

DR.	CHK.	DATE

FILE NO. 36473-00

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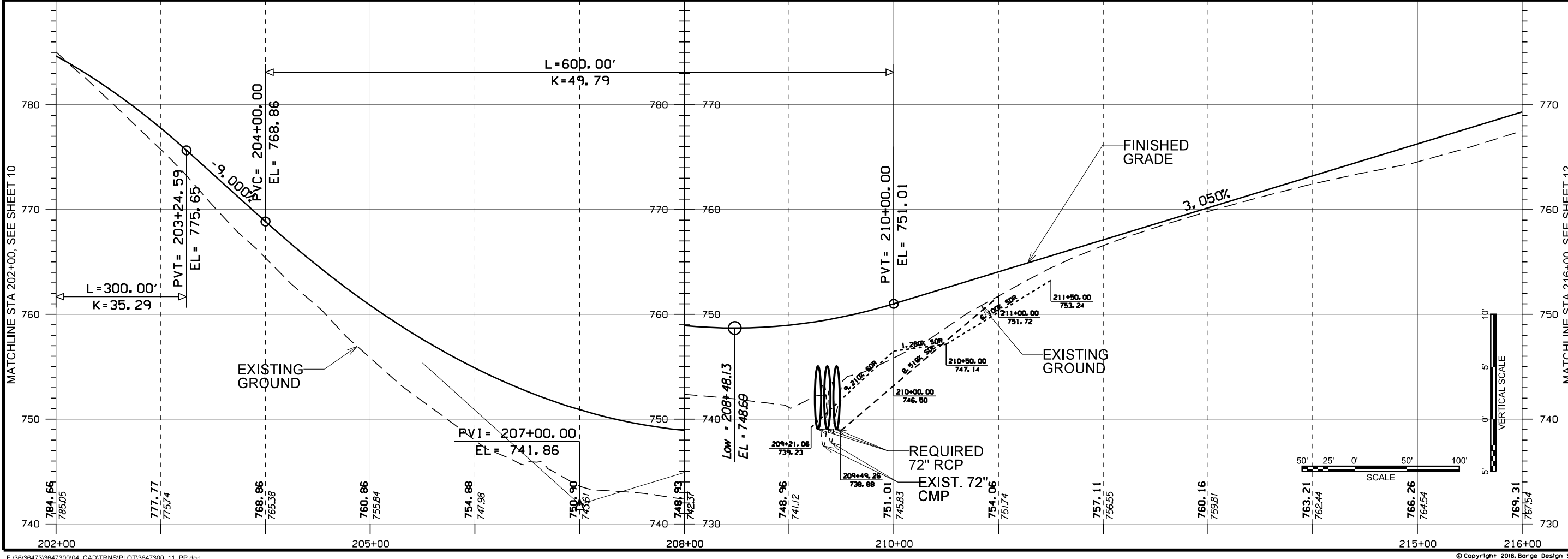
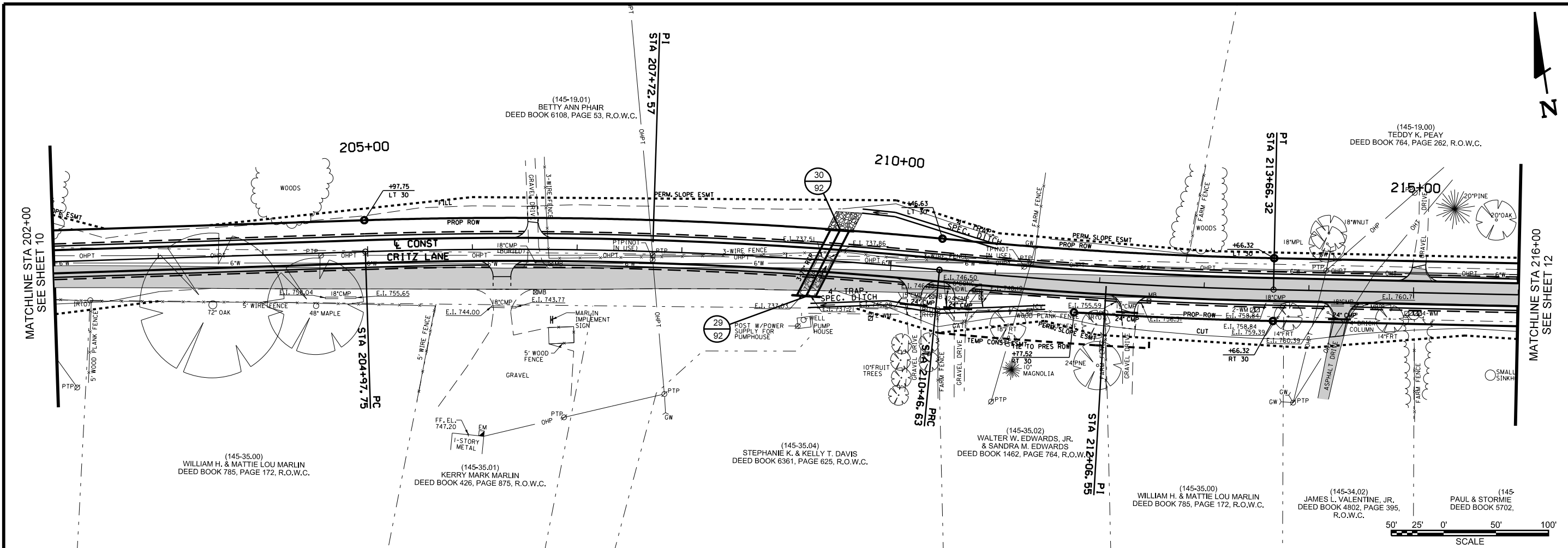
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THOMPSON'S STATION, TENNESSEE

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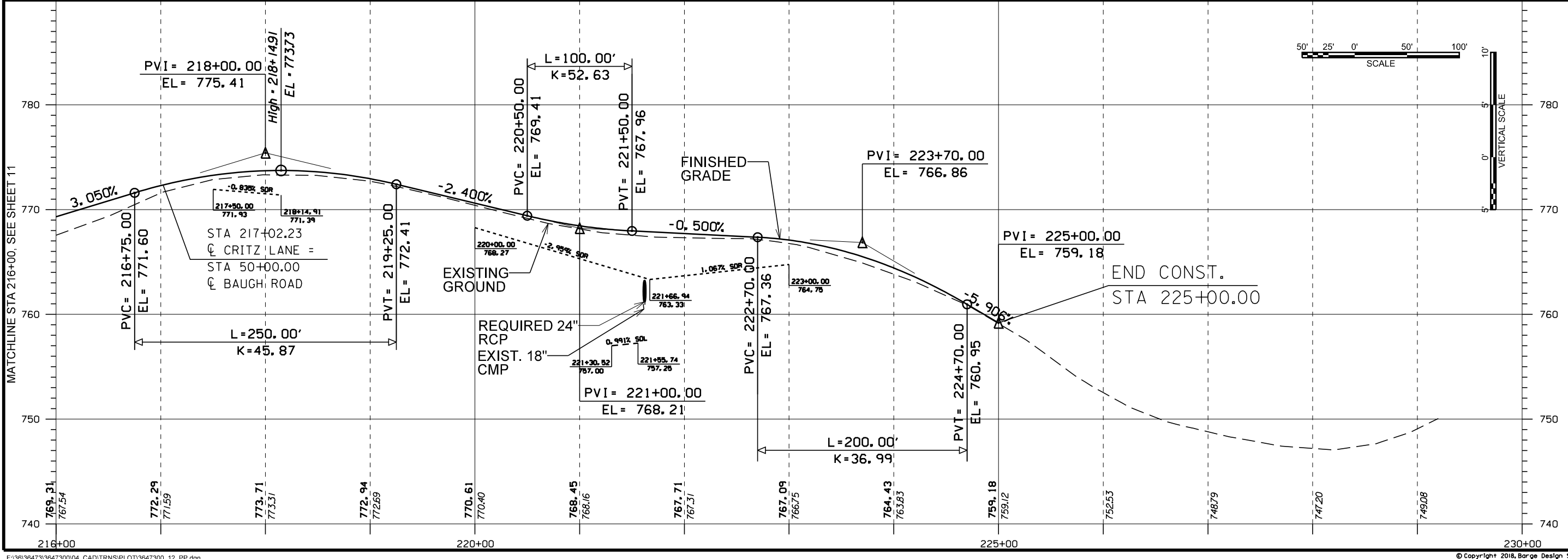
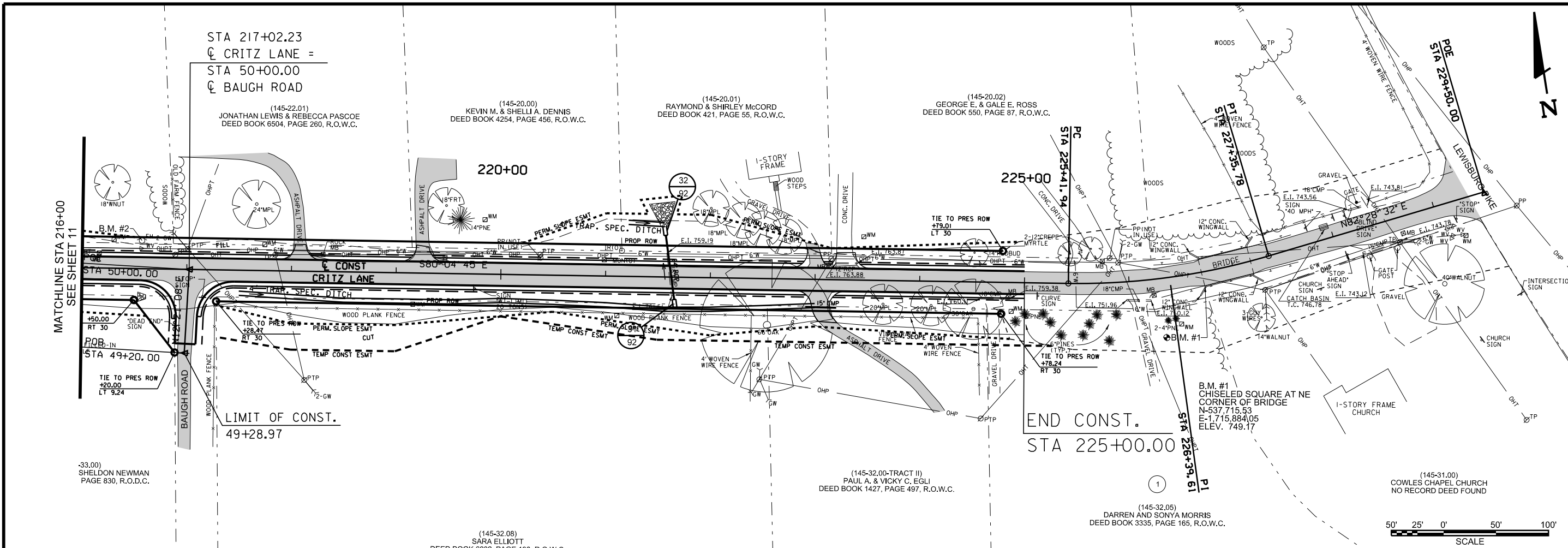


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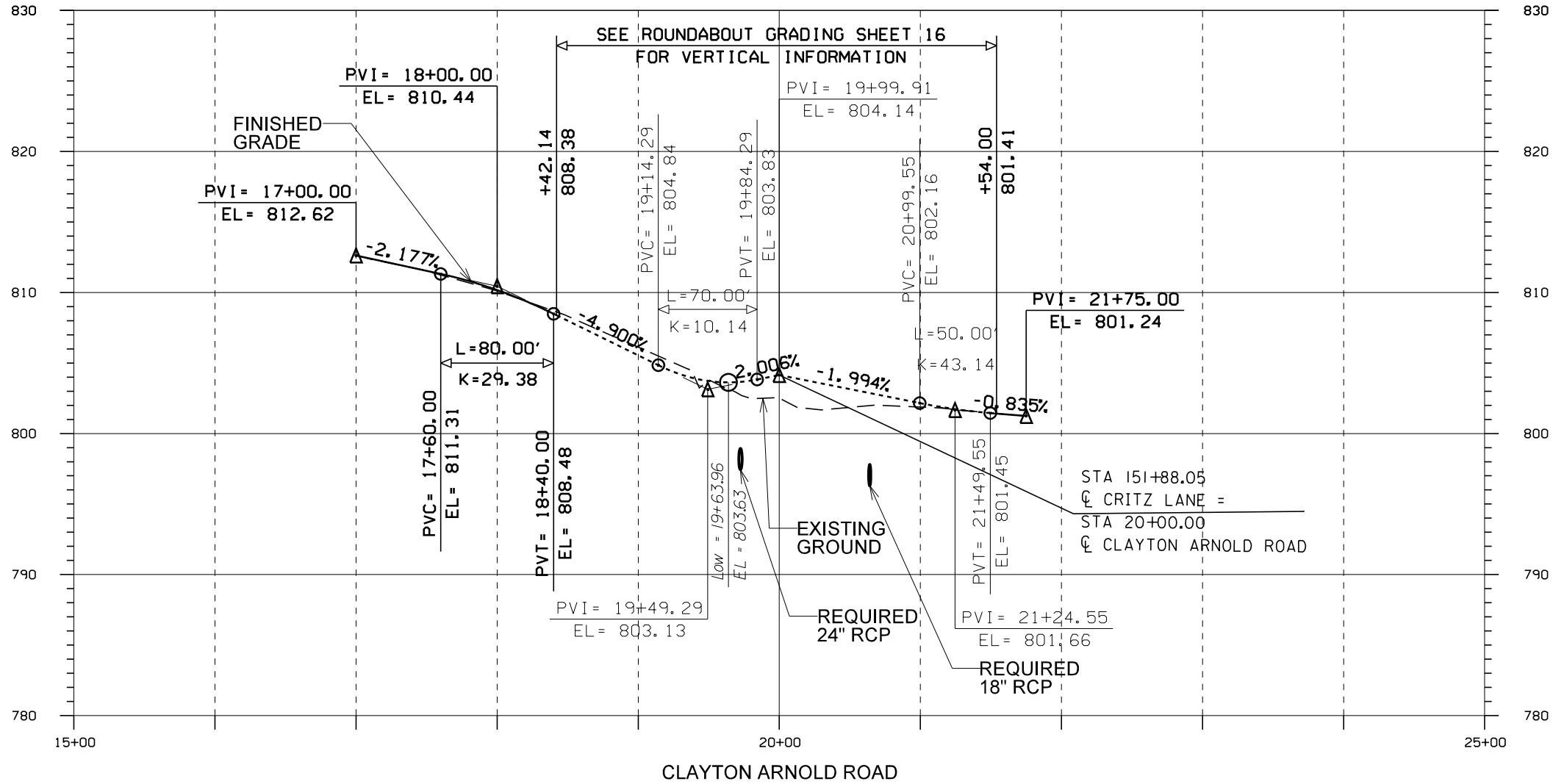
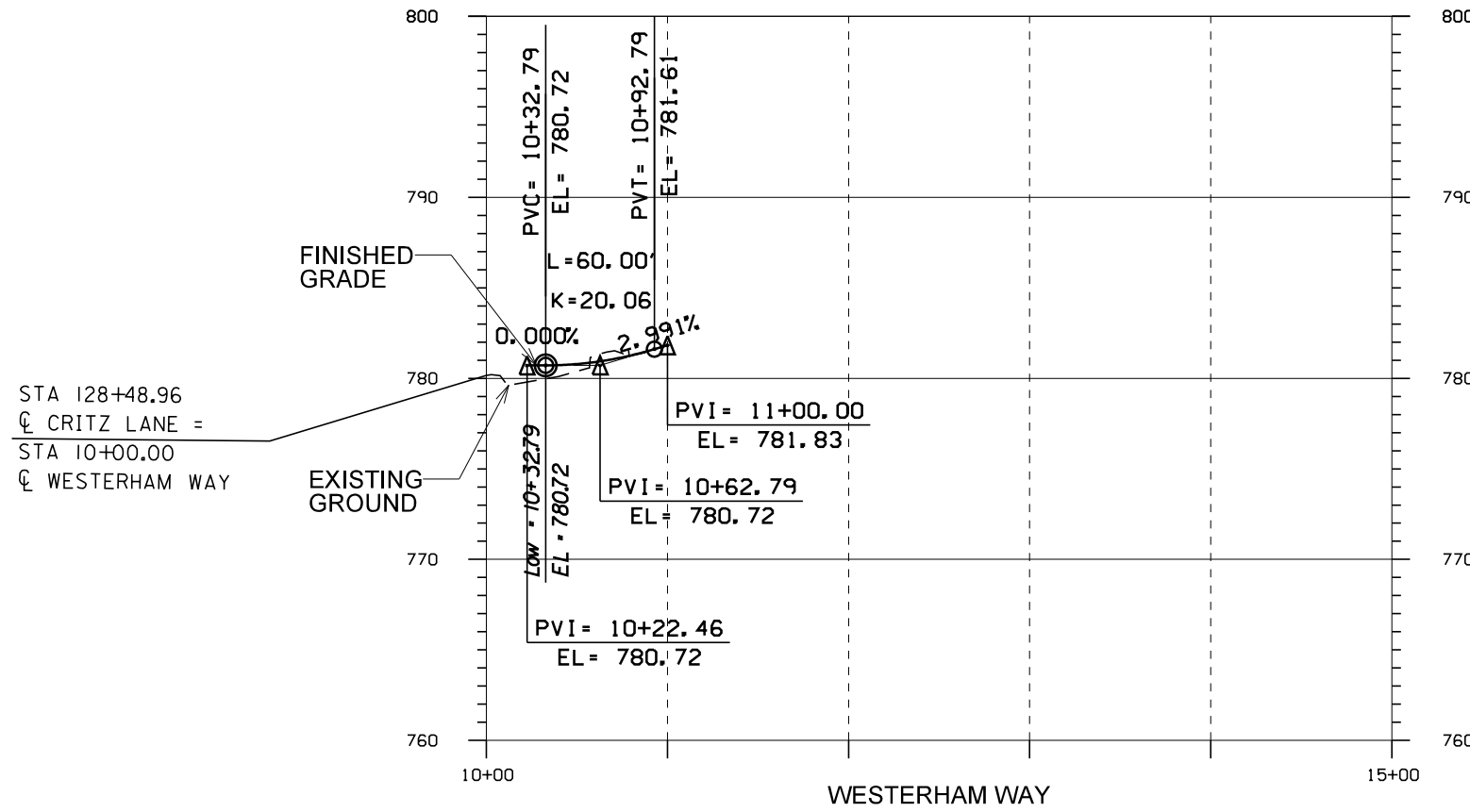
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CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

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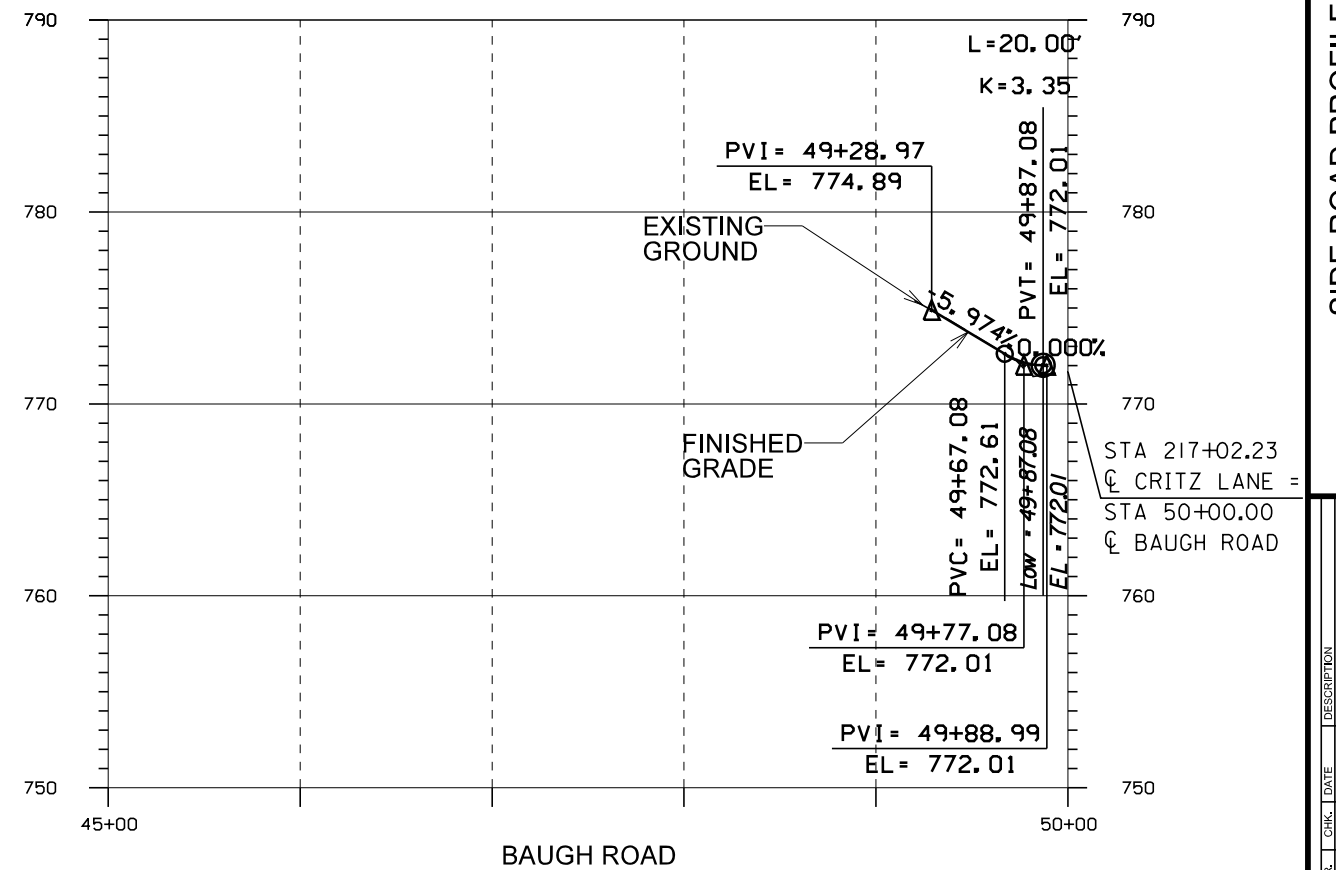
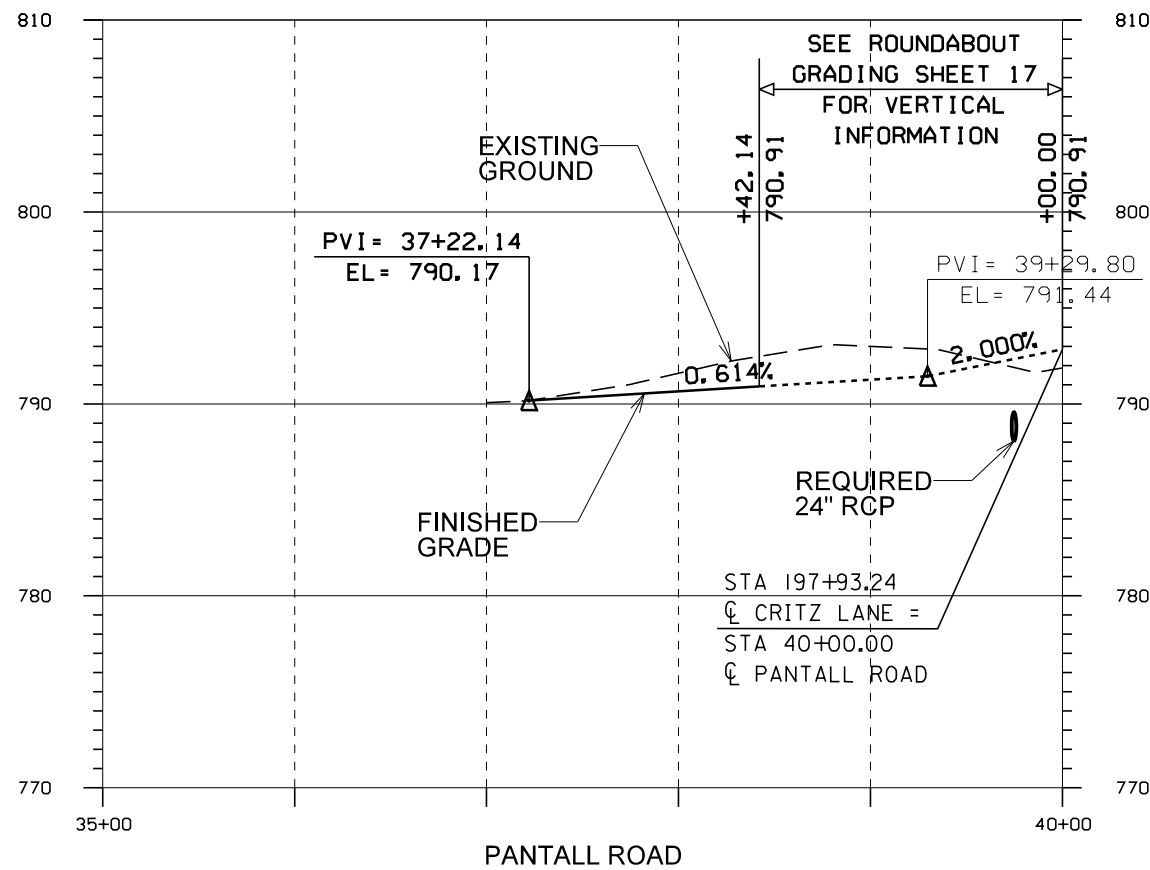
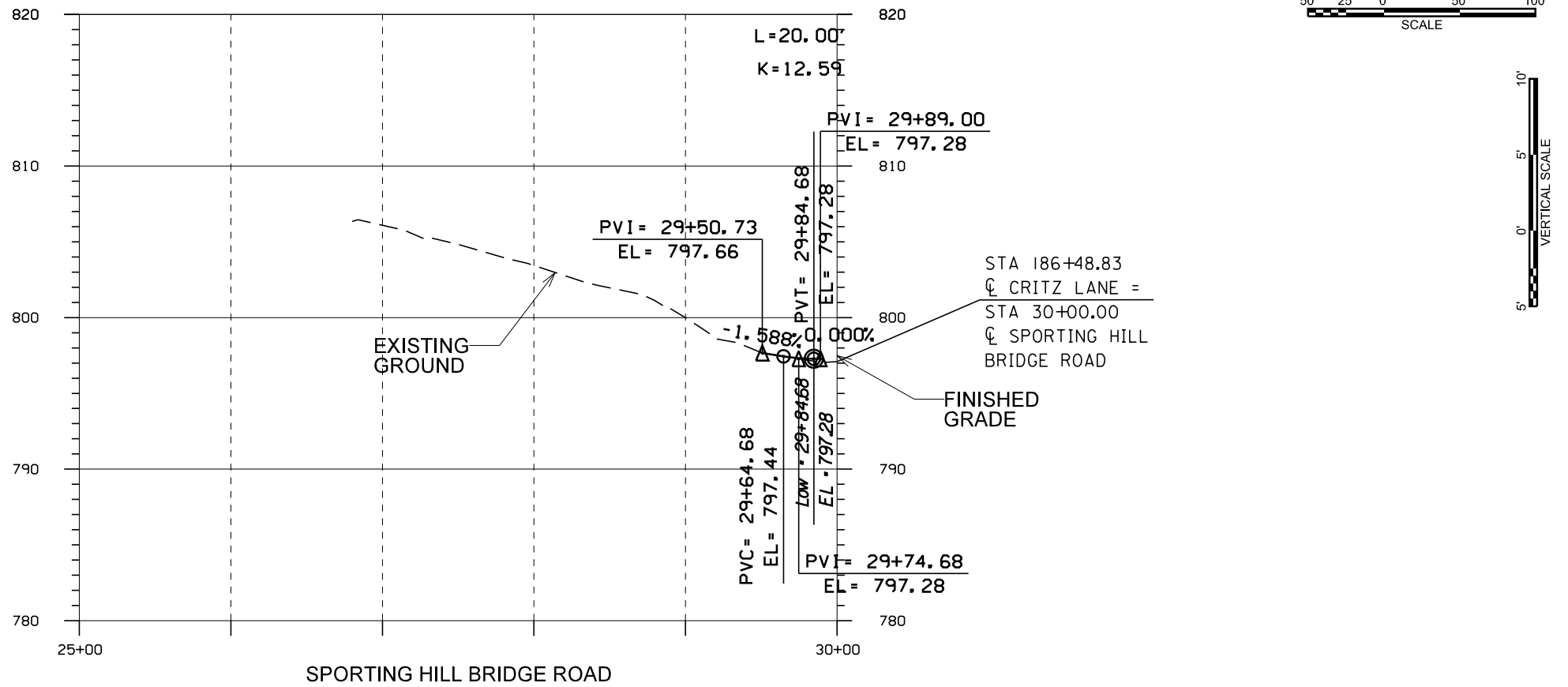
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SIDE ROAD PROFILE SHEETS
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 TOWN OF THOMPSON'S STATION
 THOMPSON'S STATION, TENNESSEE

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		08/23/2018	REVIEW SET

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SIDE ROAD PROFILE SHEETS

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

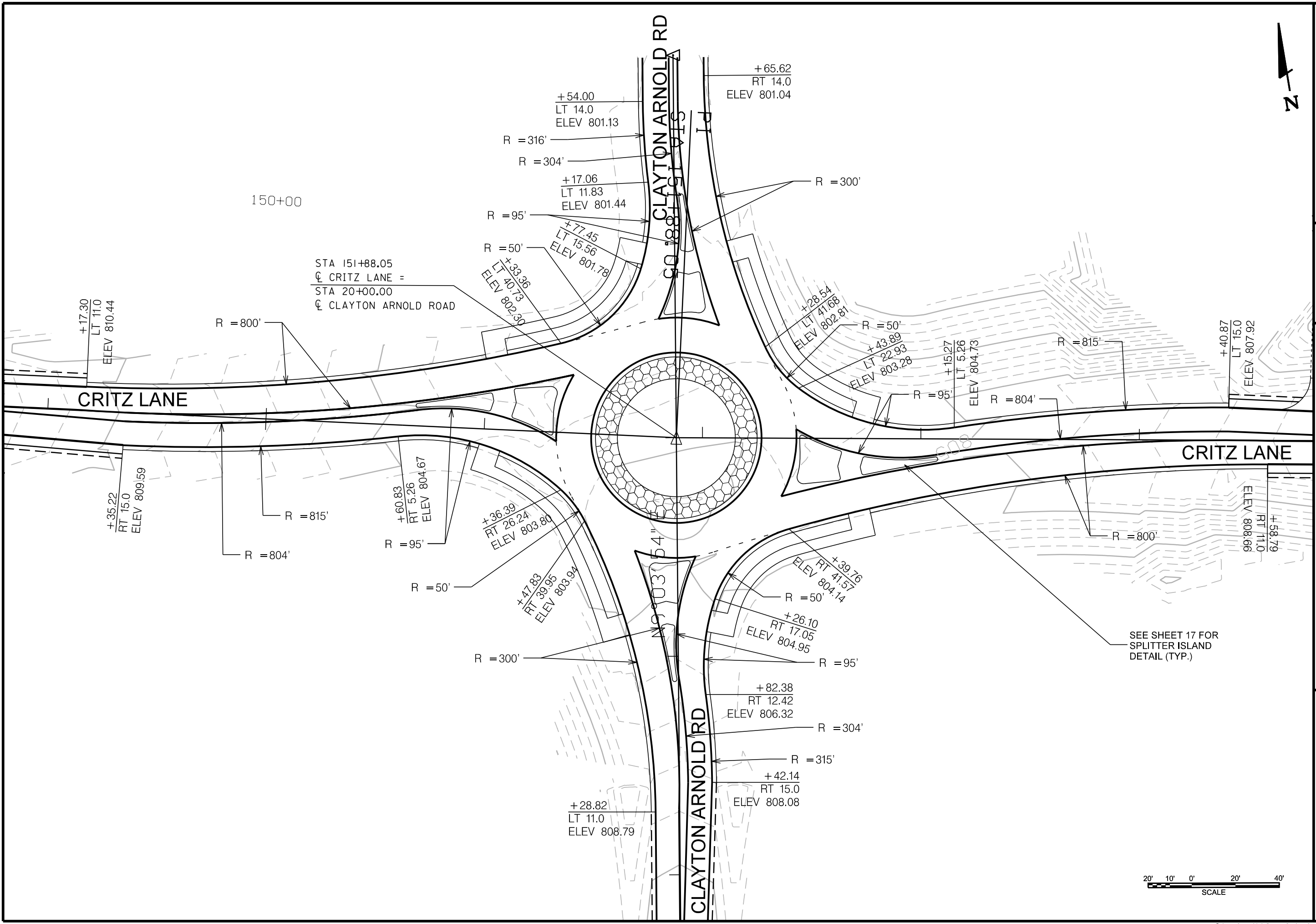
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		08/22/2018	REVIEW SET



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ROUNDABOUT GRADING SHEETS

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TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

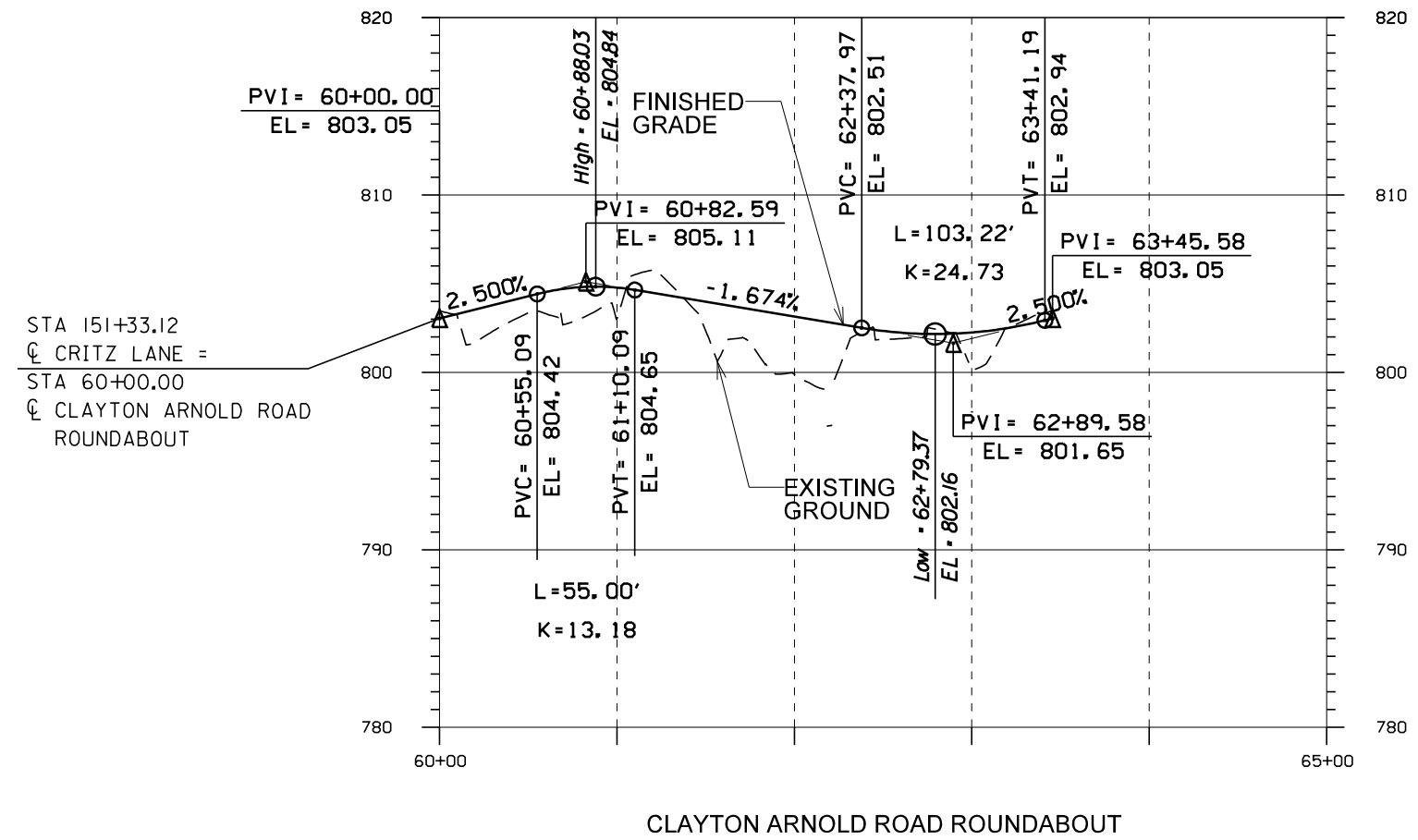


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ROUNDABOUT GRADING SHEETS

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

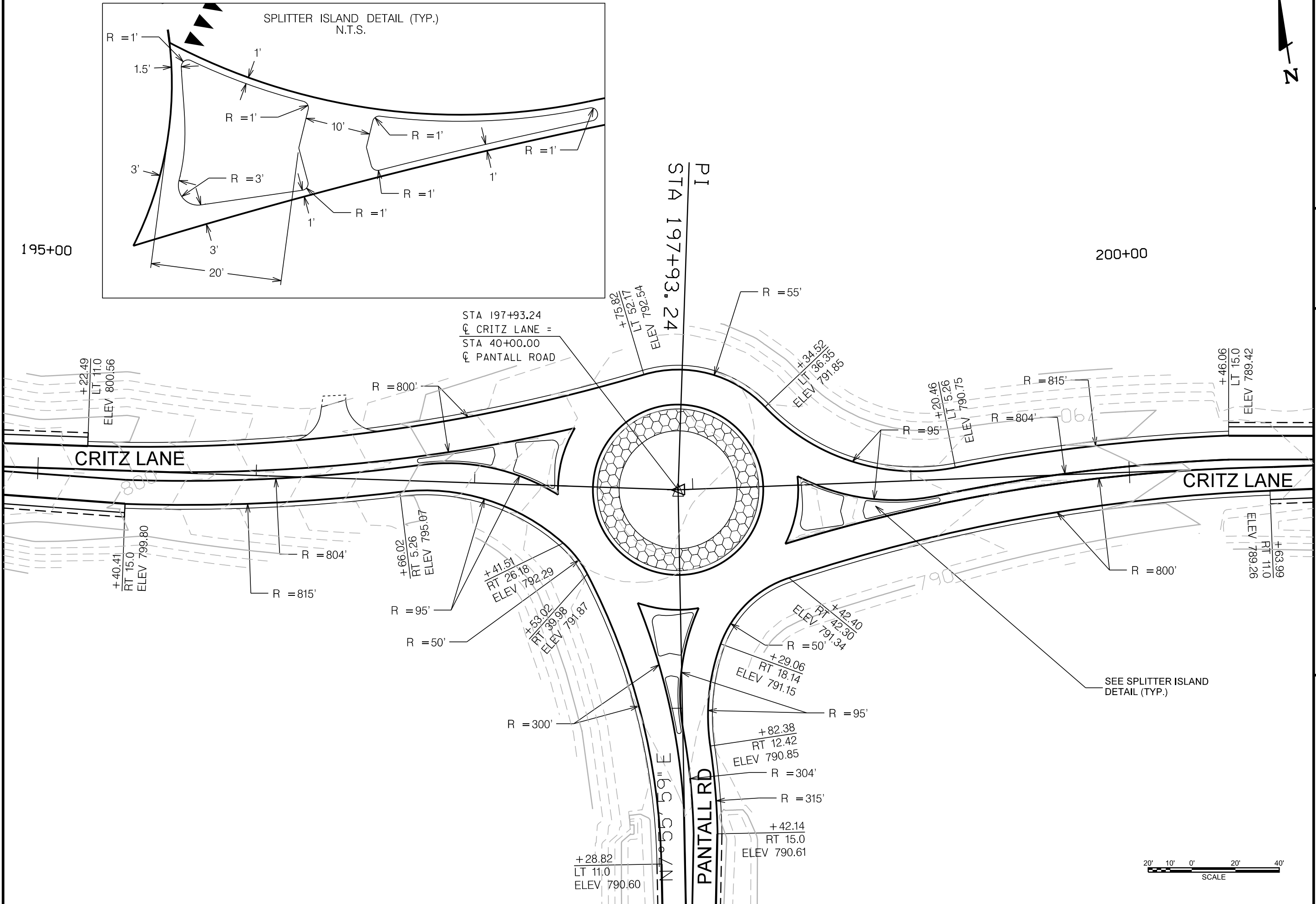
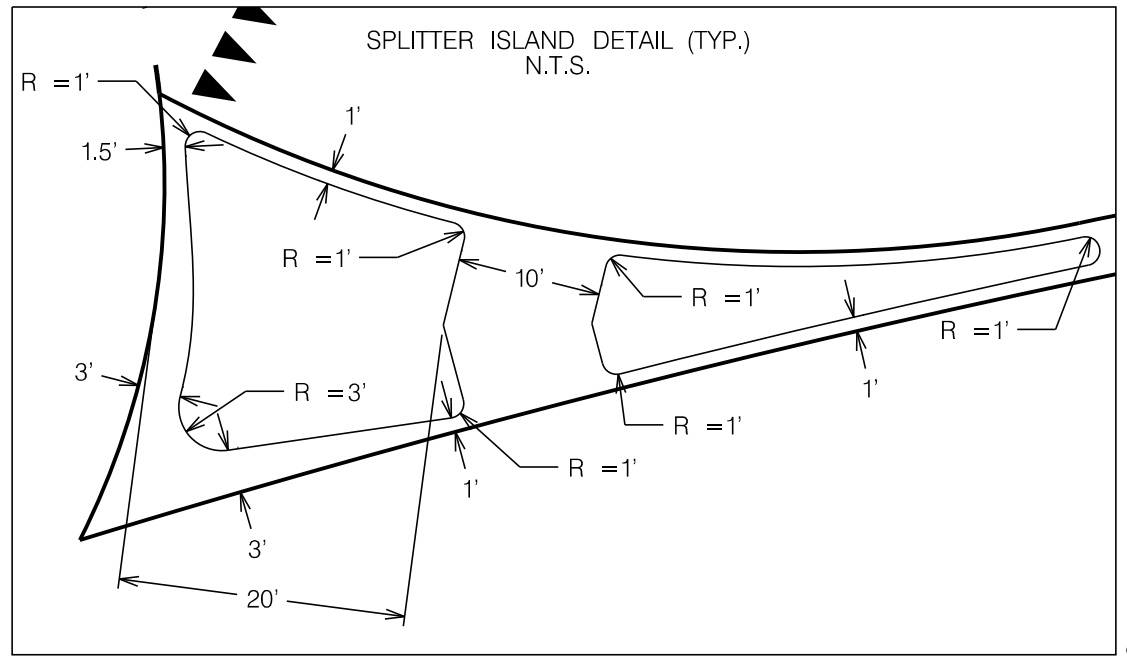
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PC	JR	05-22-2018	REVIEW SET

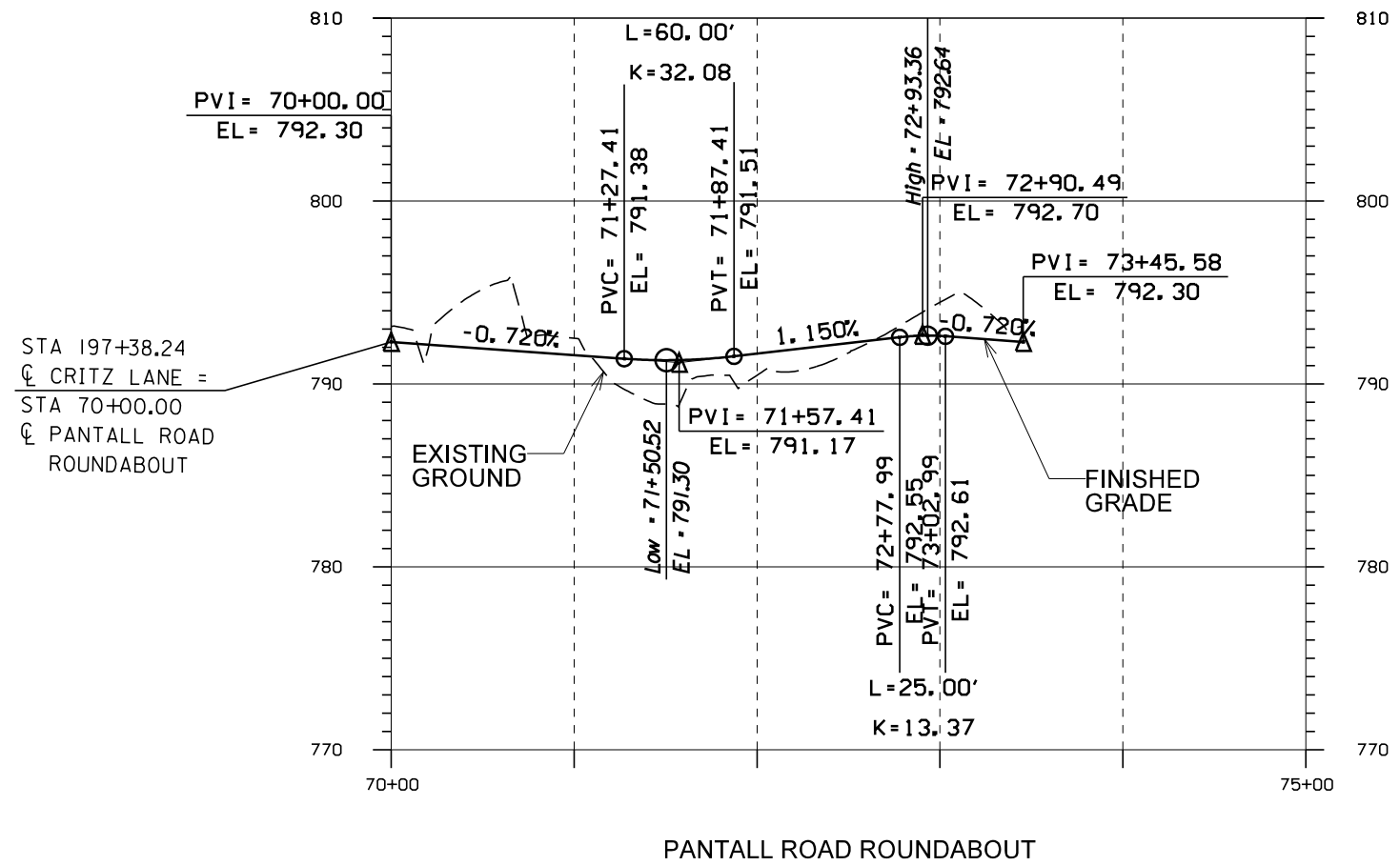


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ROUNDABOUT GRADING SHEETS
CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

CHK.	DATE	DESCRIPTION
JK	05-21-2017	ISSUED FOR 30% REVIEW
KF	05-22-2018	REVIEW SET





ROUNDABOUT GRADING SHEETS
 CRITZ LANE IMPROVEMENTS
 TOWN OF THOMPSON'S STATION
 THOMPSON'S STATION, TENNESSEE

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	KF	08-22-2018	REVIEW SET

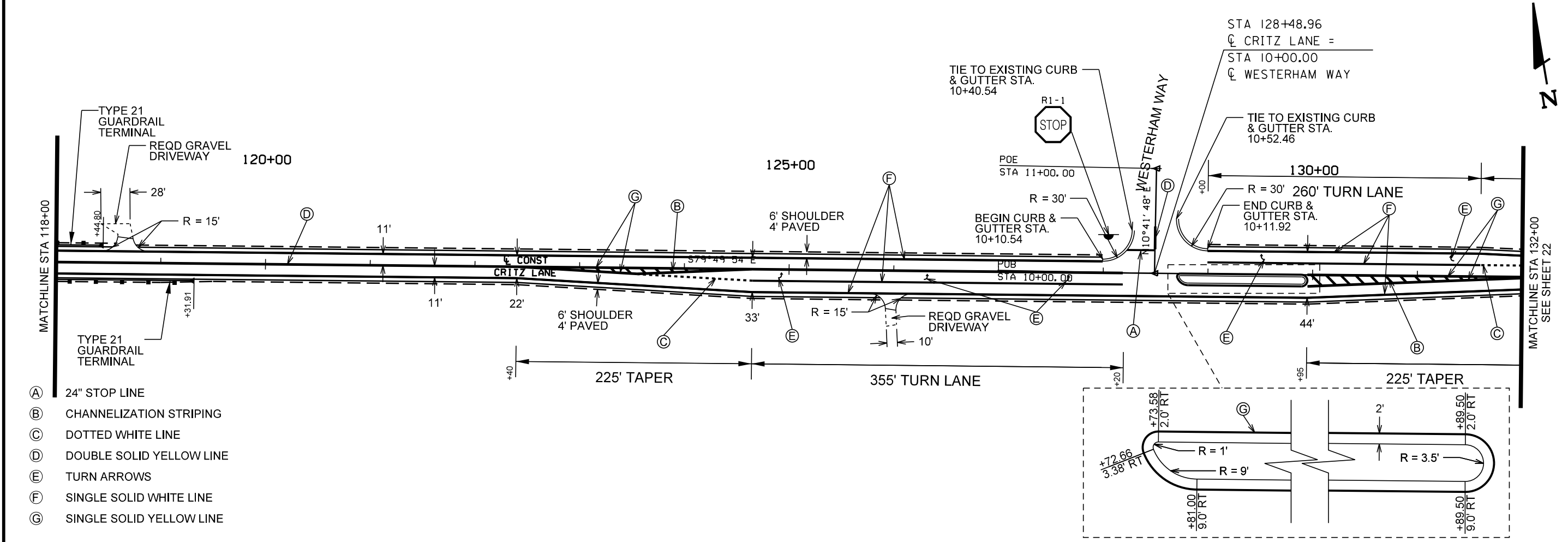
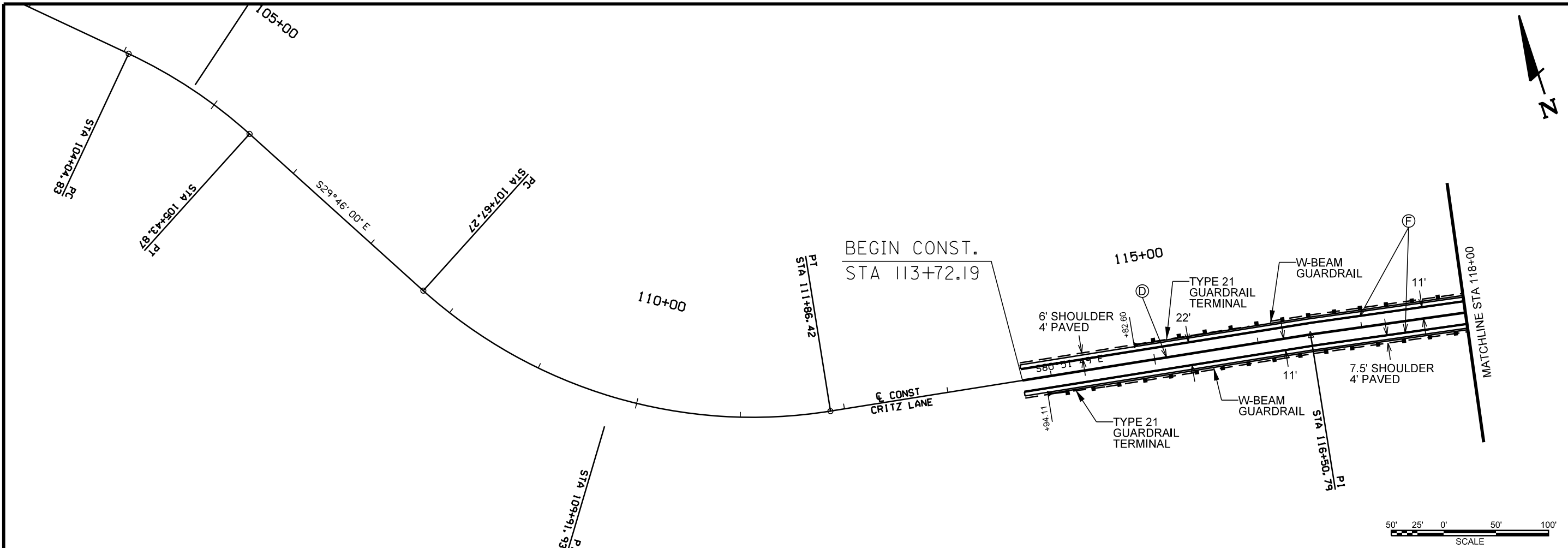
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PAVING, SIGNING, & STRIPING LAYOUT

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION



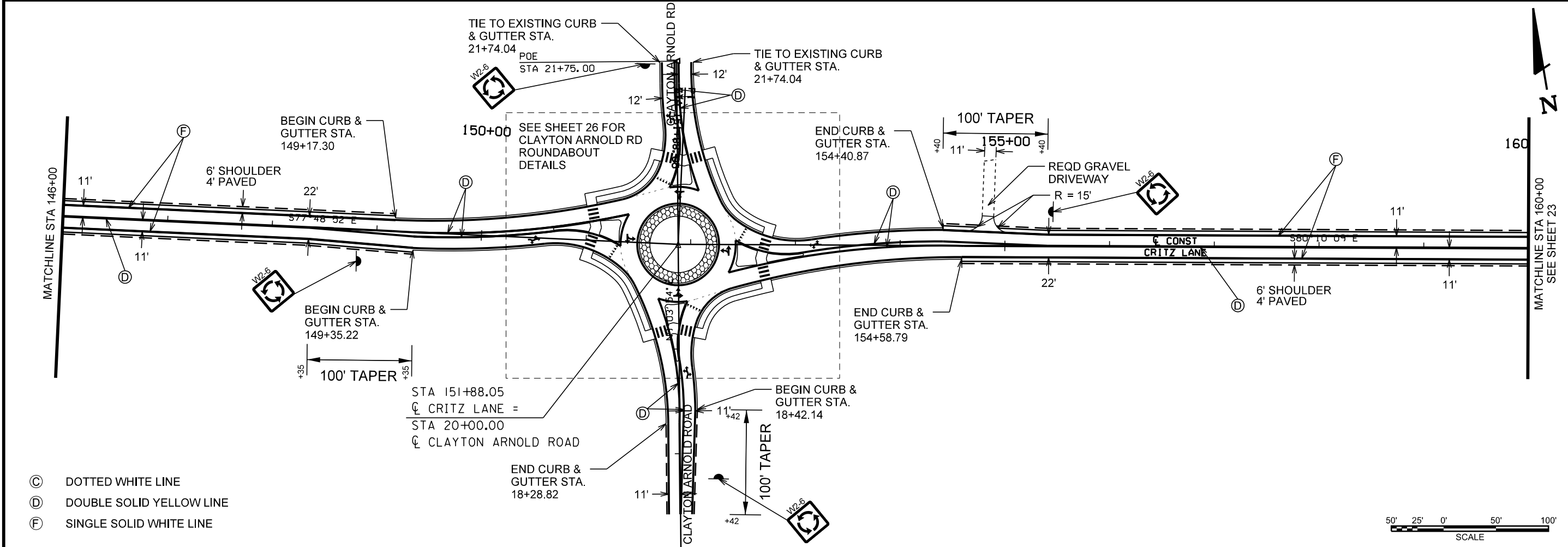
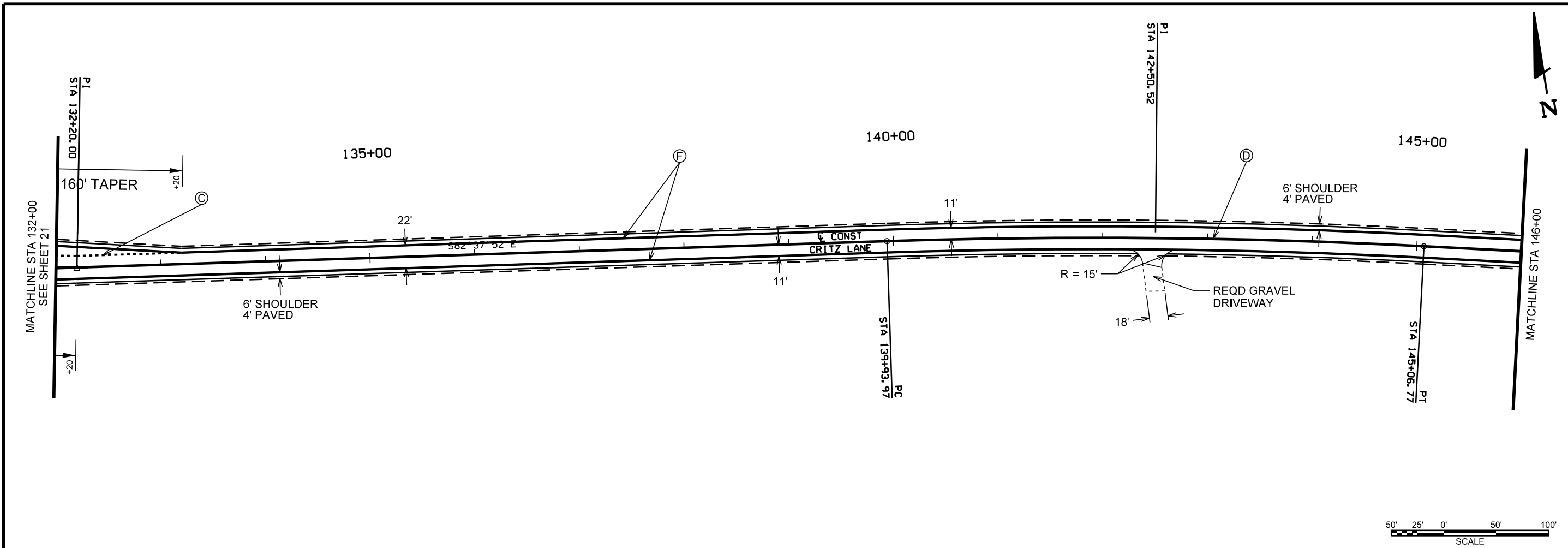
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- (B) CHANNELIZATION STRIPING
- (C) DOTTED WHITE LINE
- (D) DOUBLE SOLID YELLOW LINE
- (E) TURN ARROWS
- (F) SINGLE SOLID WHITE LINE
- (G) SINGLE SOLID YELLOW LINE

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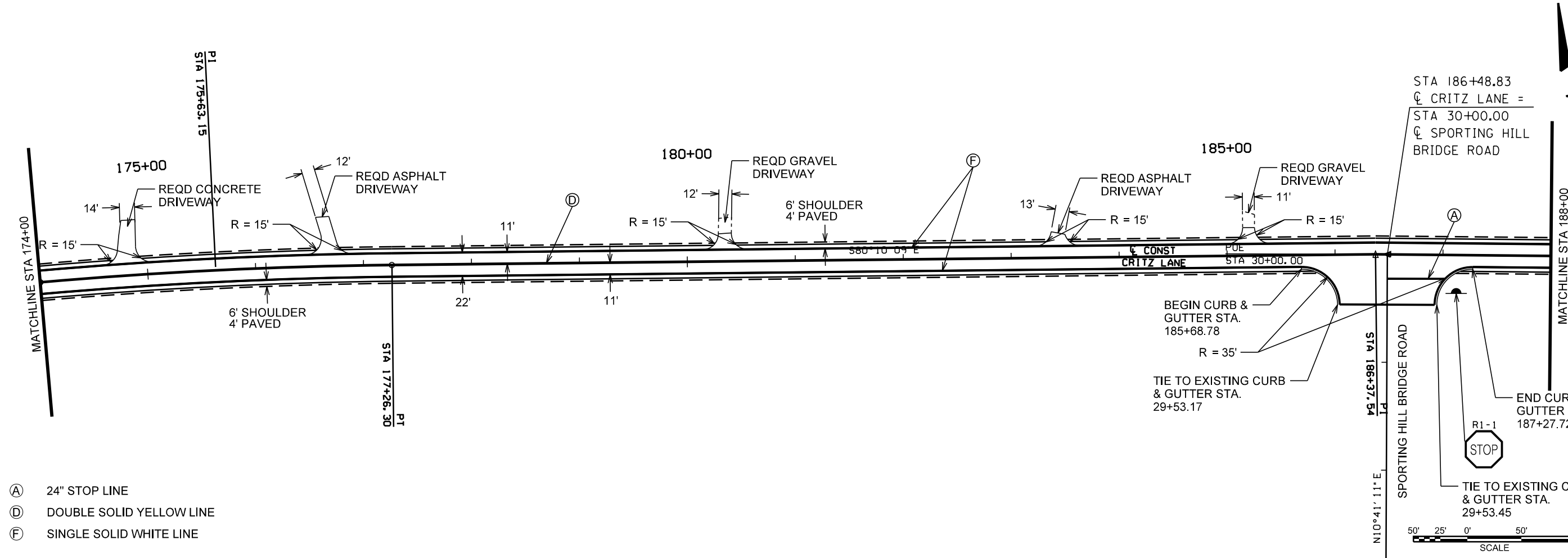
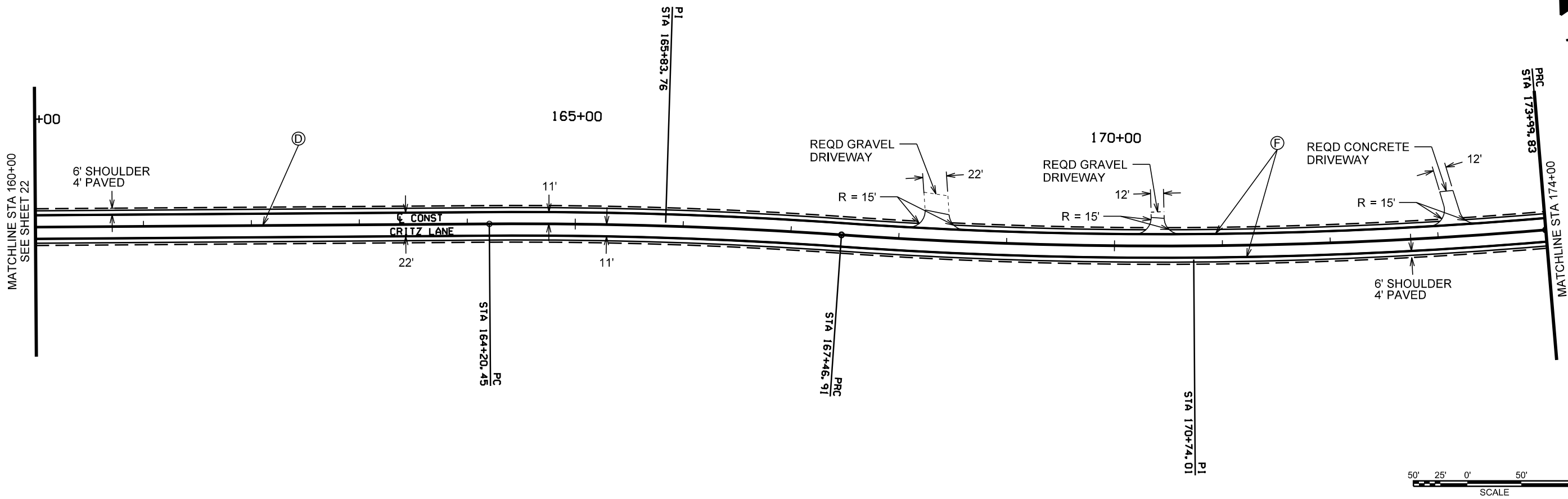
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CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DATE	DESCRIPTION
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05-22-2018	REVIEW SET



- Ⓒ DOTTED WHITE LINE
- Ⓓ DOUBLE SOLID YELLOW LINE
- Ⓕ SINGLE SOLID WHITE LINE



- (A) 24" STOP LINE
- (D) DOUBLE SOLID YELLOW LINE
- (F) SINGLE SOLID WHITE LINE

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CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

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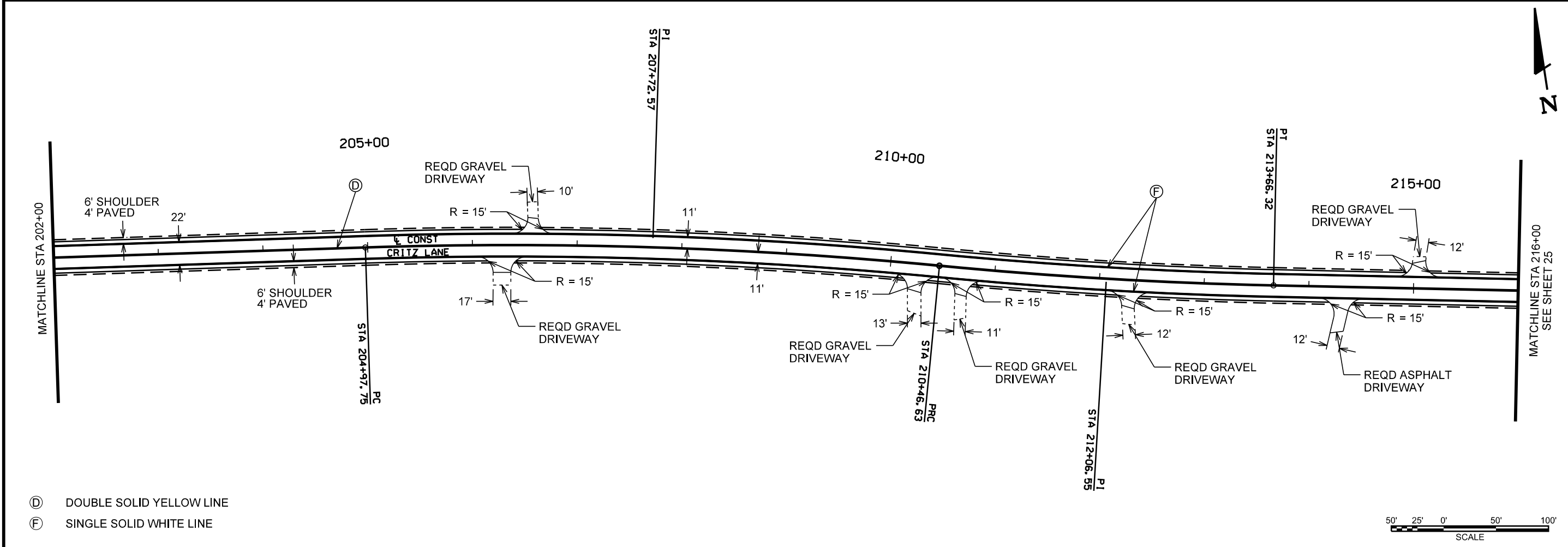
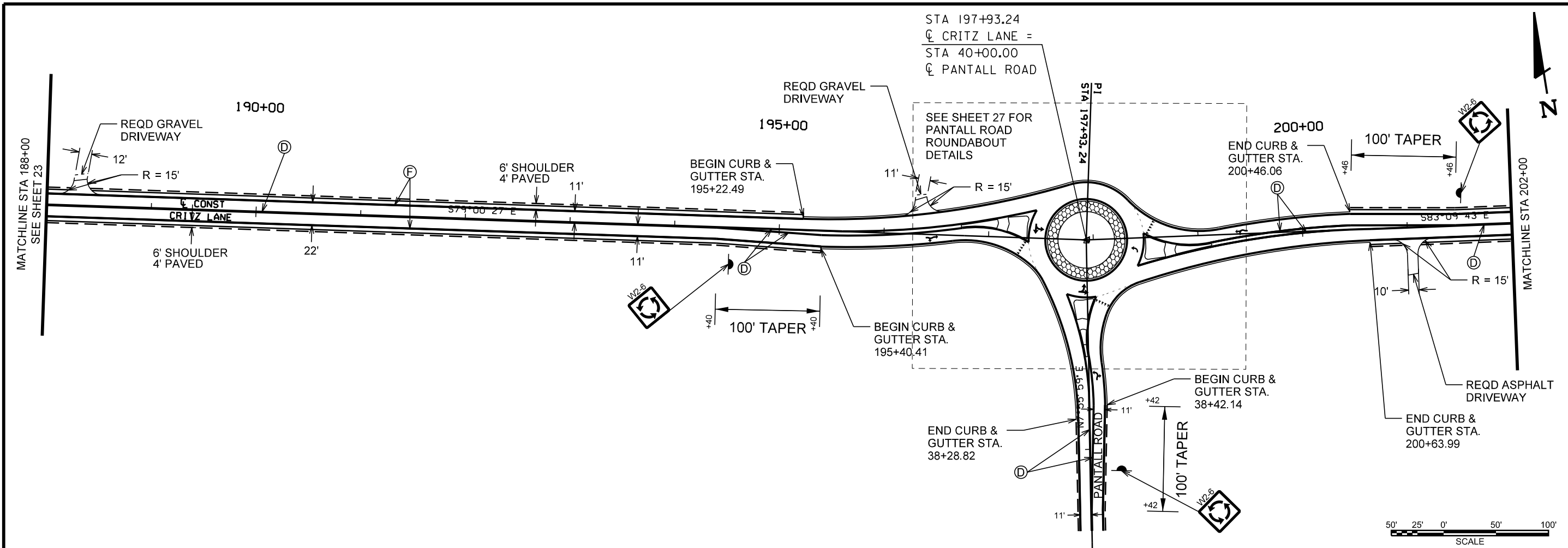
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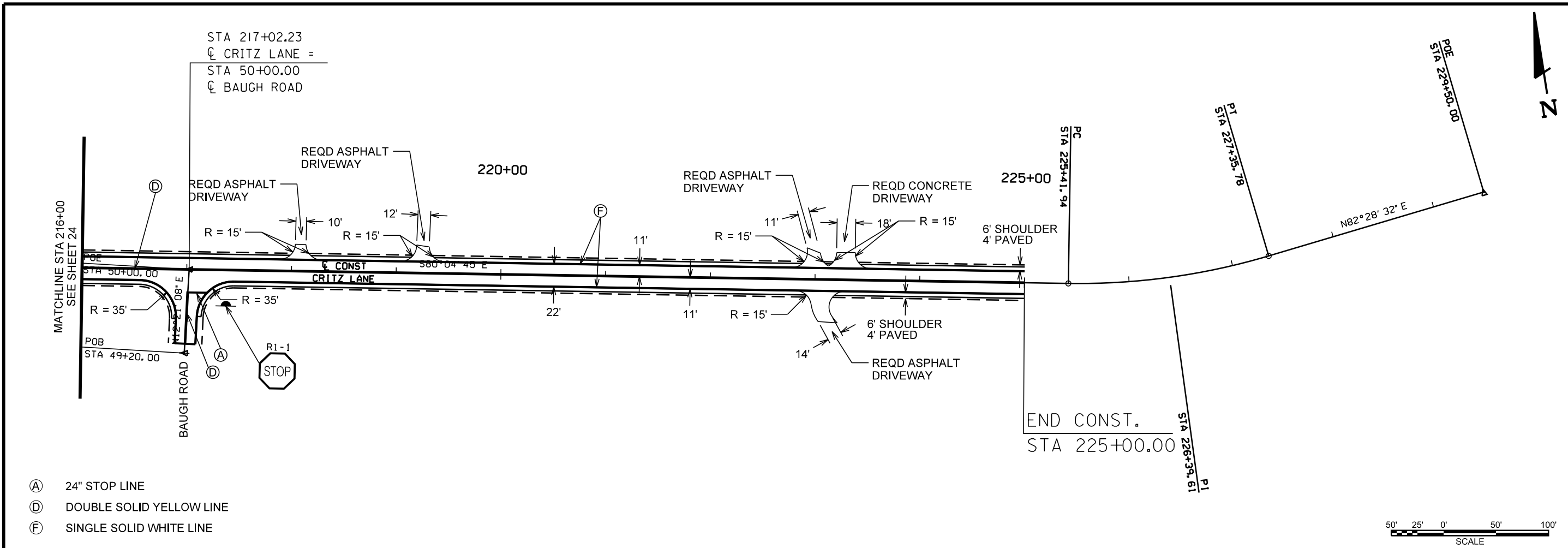
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CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

CHK.	DATE	DESCRIPTION



⊙ DOUBLE SOLID YELLOW LINE
⊙ SINGLE SOLID WHITE LINE



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CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION

POE
STA 21+75.00

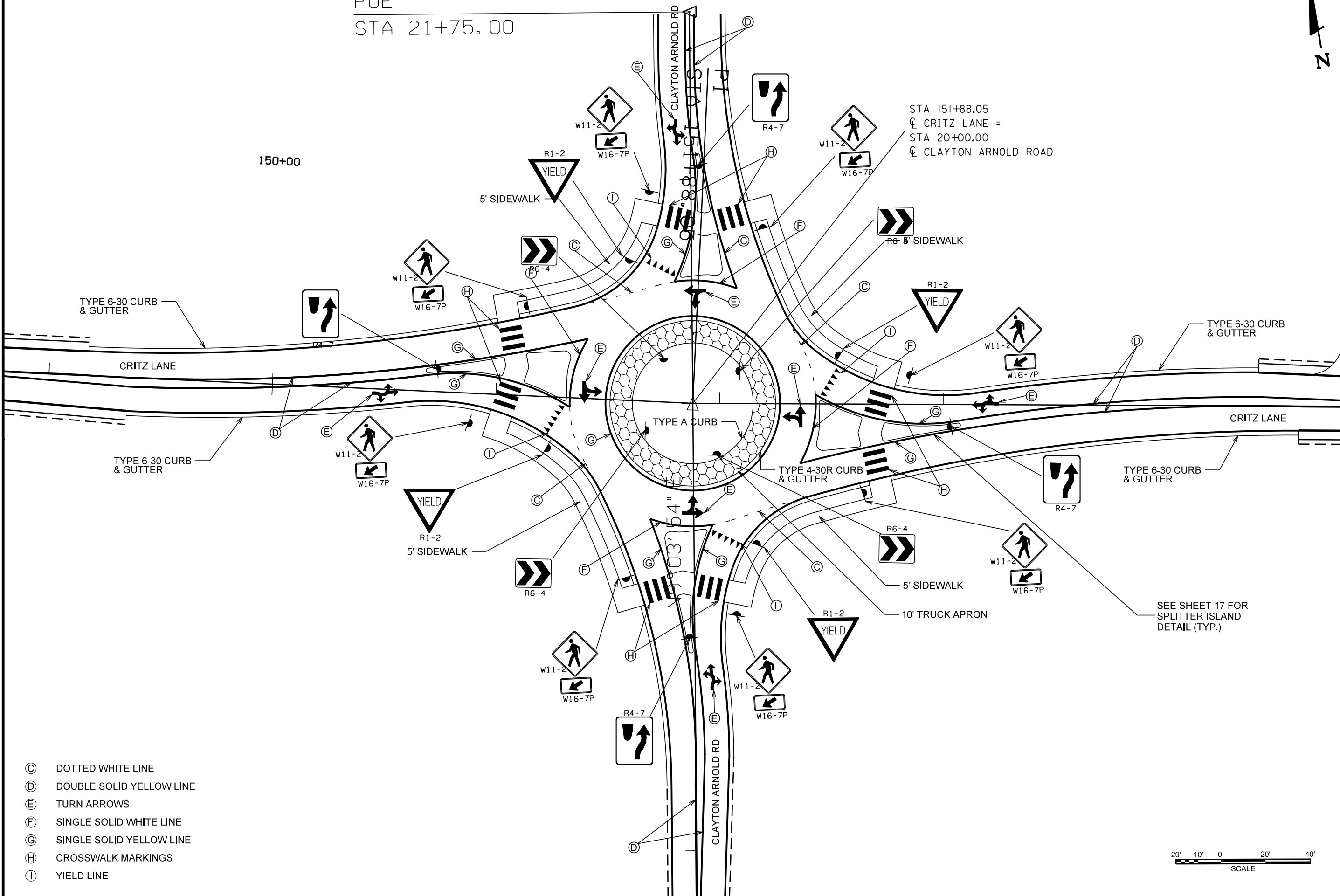


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CONSTRUCTION

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PAVING, SIGNING, & STRIPING LAYOUT

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE



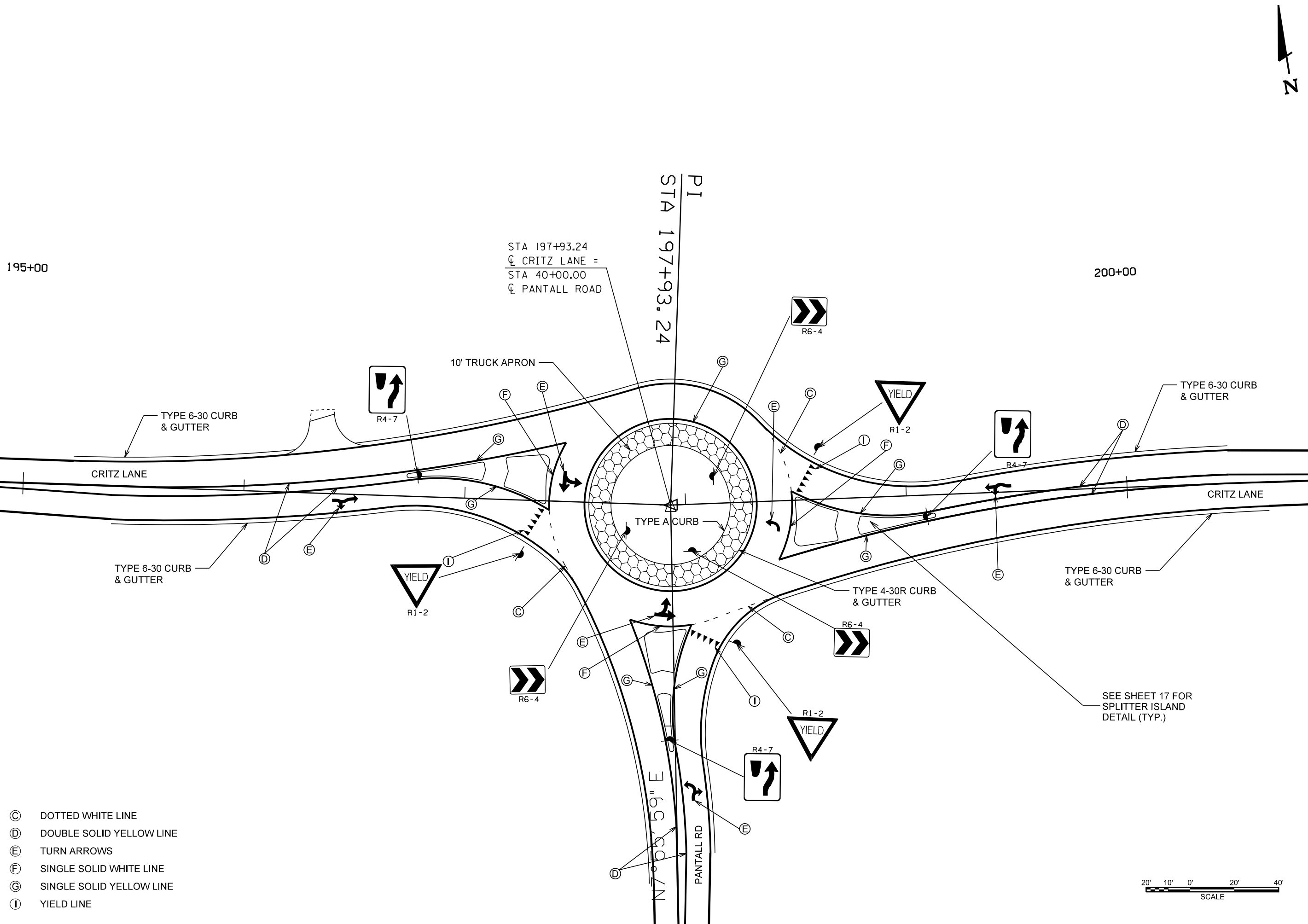
- Ⓒ DOTTED WHITE LINE
- Ⓓ DOUBLE SOLID YELLOW LINE
- Ⓔ TURN ARROWS
- Ⓕ SINGLE SOLID WHITE LINE
- Ⓖ SINGLE SOLID YELLOW LINE
- Ⓗ CROSSWALK MARKINGS
- Ⓘ YIELD LINE



SEE SHEET 17 FOR
SPLITTER ISLAND
DETAIL (TYP.)

DATE	DESCRIPTION
08-21-2017	ISSUED FOR 30% REVIEW
08-22-2018	REVIEW SET

DR.	CHK.	DATE	DESCRIPTION



- Ⓒ DOTTED WHITE LINE
- Ⓓ DOUBLE SOLID YELLOW LINE
- Ⓔ TURN ARROWS
- Ⓕ SINGLE SOLID WHITE LINE
- Ⓖ SINGLE SOLID YELLOW LINE
- Ⓘ YIELD LINE



8/9/2019 8:22:12 AM

TABULATED TRAFFIC CONTROL QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
705-20.25	TEMPORARY CRASH CUSHION (MASH TL-3)	EA	4
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	LF	1720
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EA	313
712-06	SIGNS (CONSTRUCTION)	SF	268
712-07.03	TEMPORARY BARRICADES (TYPE III)	LF	96
713-02.27	CONCRETE BARRIER/PARAPET DELINEATOR (BI-DIRECTIONAL)	EA	87
713-02.30	FLEXIBLE TUBULAR DELINEATOR	EA	54

TRAFFIC CONTROL SIGN TABULATION											
M.U.T.C.D. SIGN DESIGNATION	SIGN OR PLAQUE LEGEND	SIZE			S.F.	NO.	NO.	NO.	TOTAL	ITEM NO.	REMARKS
		IN INCHES				REQUIRED	REQUIRED	REQUIRED	NO.	712-06	
		W	x	H		PHASE I	PHASE II	PHASE III	REQUIRED	S.F.	
R2-1	SPEED LIMIT	24"	x	30"	5.0	6	6	6	6	30.0	POSTED SPEED TO BE DETERMINED BY CONTRACTOR BUT NOT TO EXCEED 30 MPH
R11-2	ROAD CLOSED	48"	x	30"	10.0	0	2	0	2	20.0	PLACE ON TYPE III BARRICADES
W1-4L	HORIZONTAL ALIGNMENT (LEFT)	36"	x	36"	9.0	0	2	0	2	18.0	
W1-4R	HORIZONTAL ALIGNMENT (RIGHT)	36"	x	36"	9.0	0	2	0	2	18.0	
W1-6	ONE-DIRECTION LARGE ARROW	48"	x	24"	8.0	0	2	0	2	16.0	PLACE BELOW ROAD CLOSED SIGNS (R11-2)
W13-1P	ADVISORY SPEED (PLAQUE)	24"	x	24"	4.0	2	2	2	2	8.0	PLACE BELOW ADVANCED WARNING HORIZONTAL ALIGNMENT SIGNS (PH 2) AND ROAD WORK 500 FT. SIGNS (PH 1 & 3)
W20-1	ROAD WORK (WITH DISTANCE)	36"	x	36"	9.0	15	13	15	15	135.0	
G20-2	END ROAD WORK	36"	x	18"	4.5	5	5	5	5	22.5	
									TOTAL	267.5	



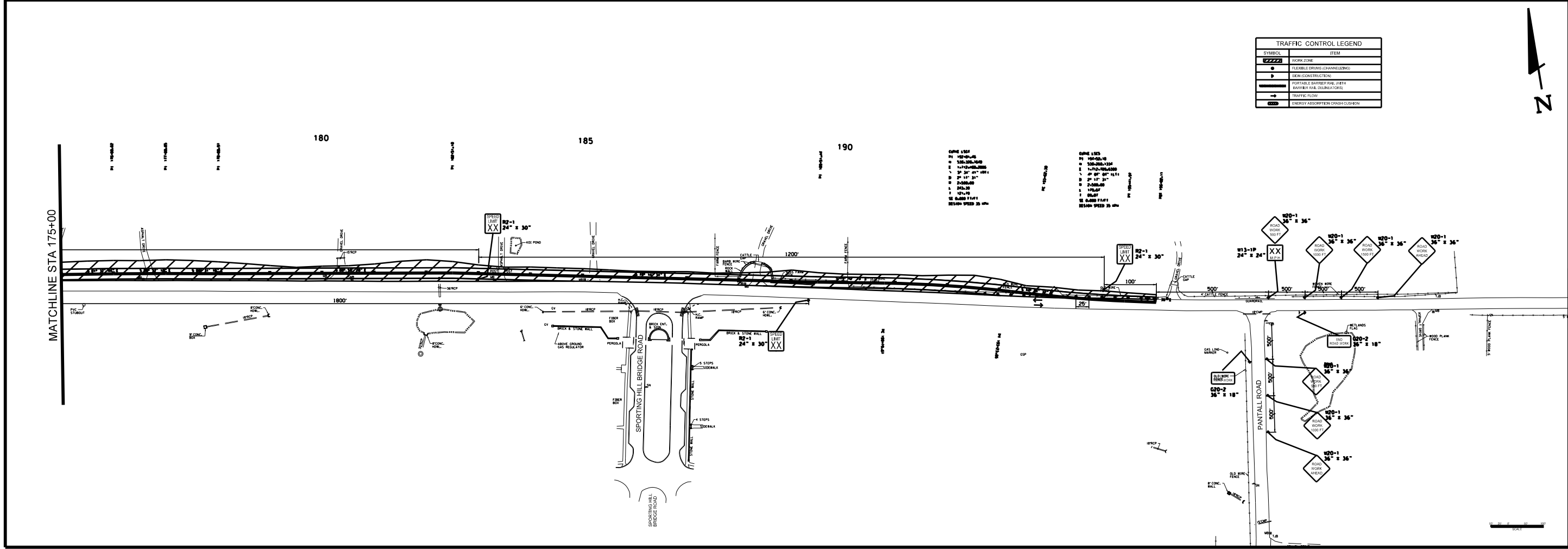
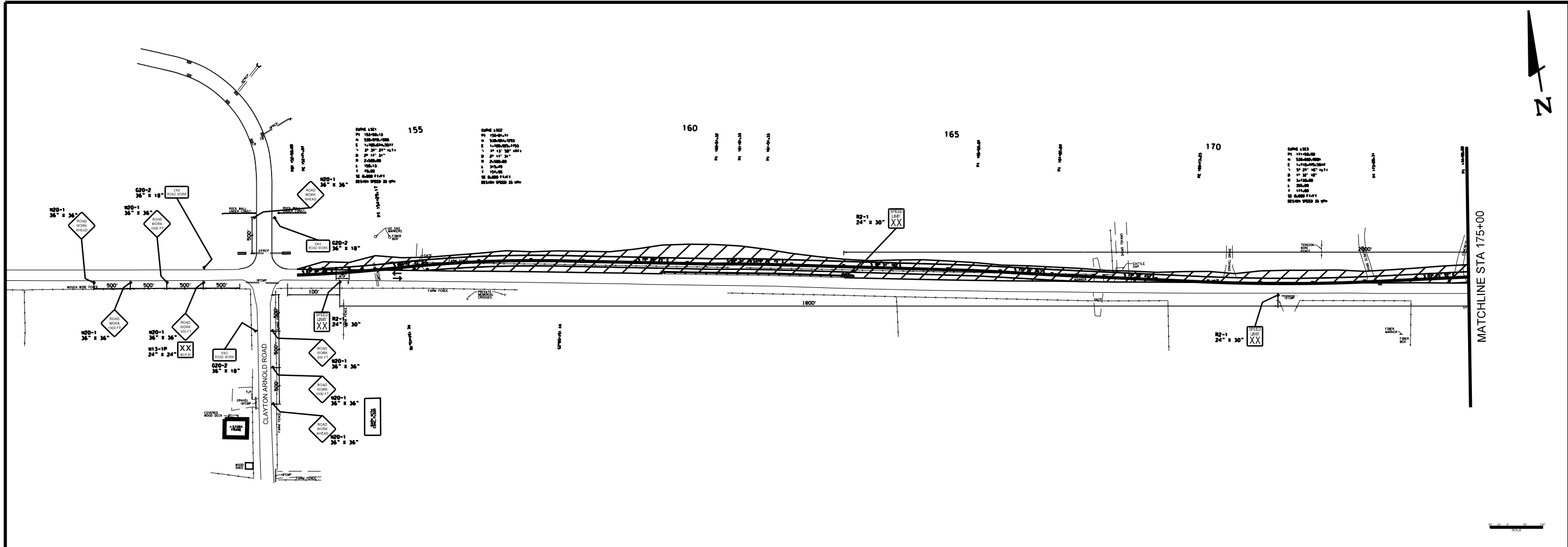
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TEMP. TRAFFIC CONTROL PLAN - QUANTITIES

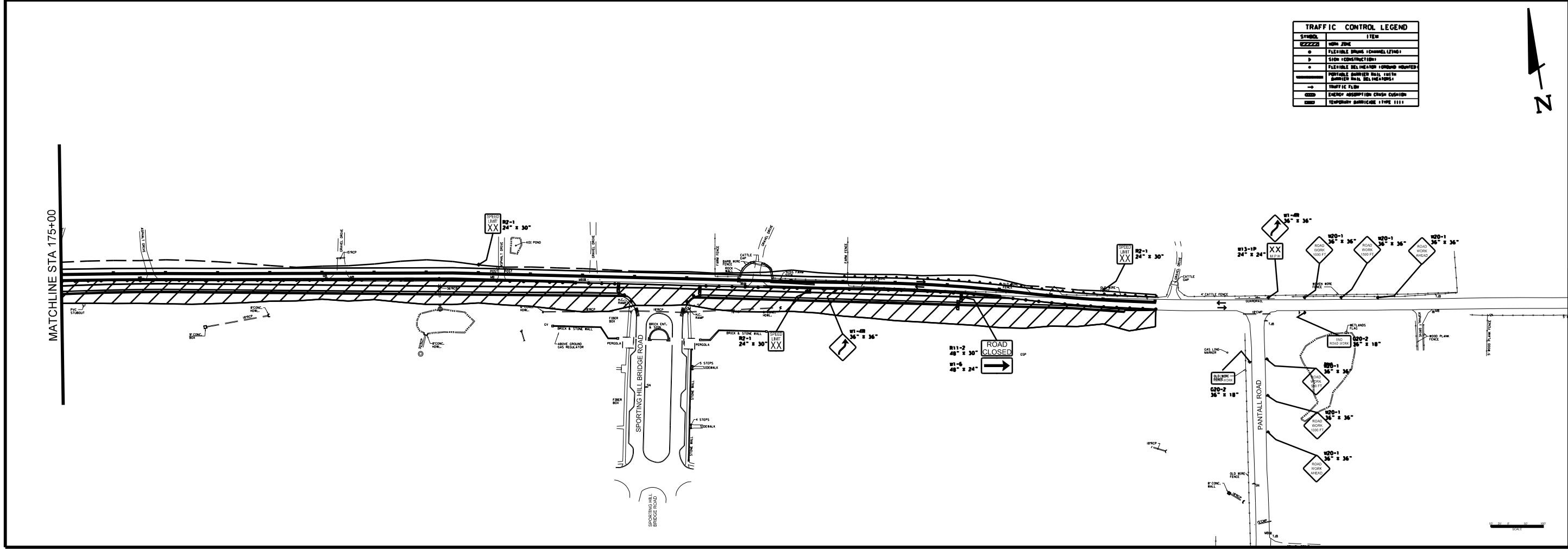
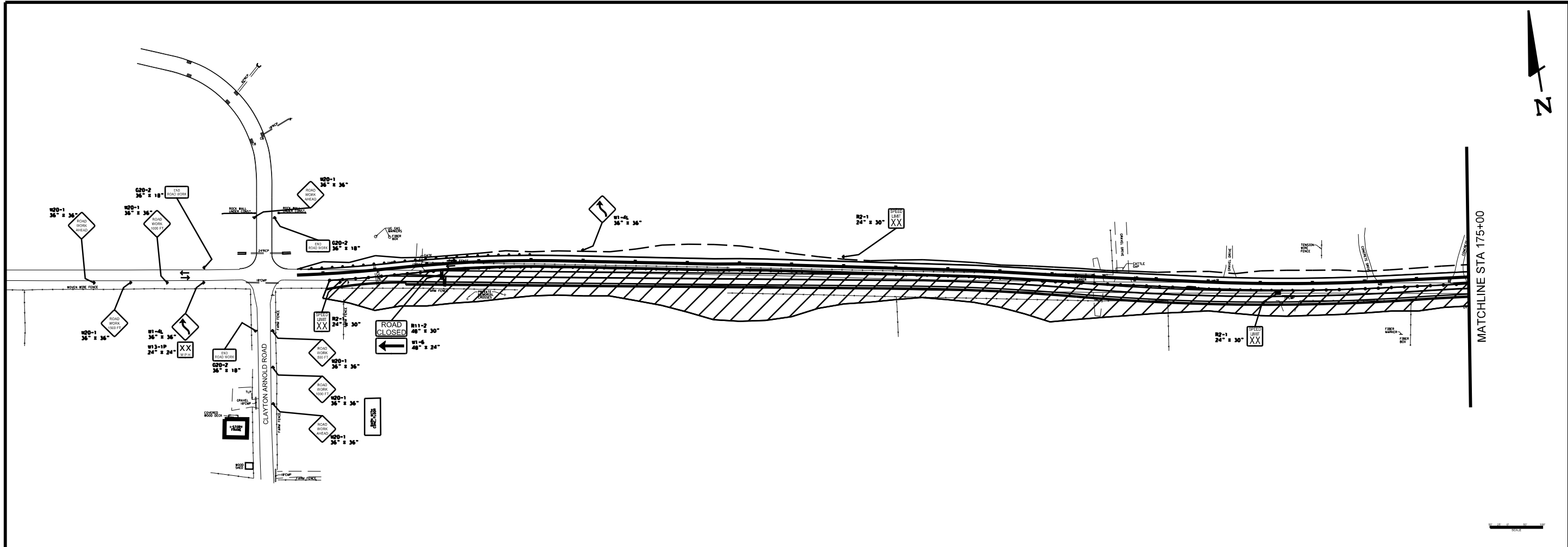
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JR	05-22-2018	REVIEW SET



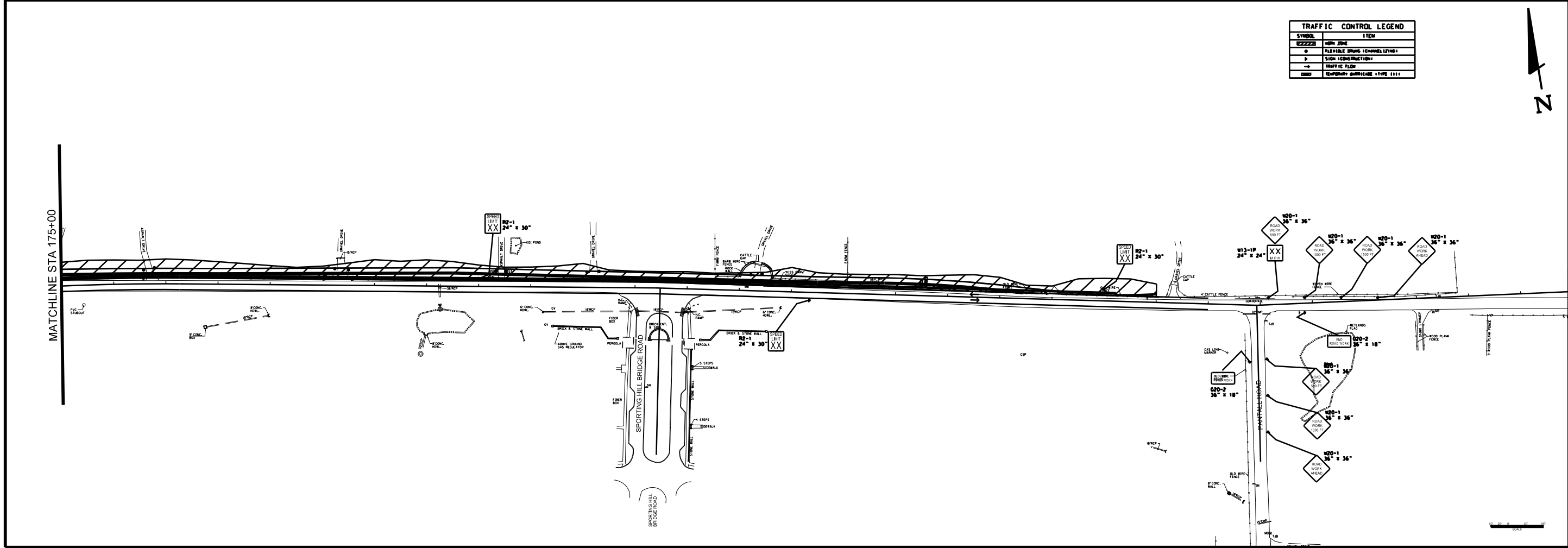
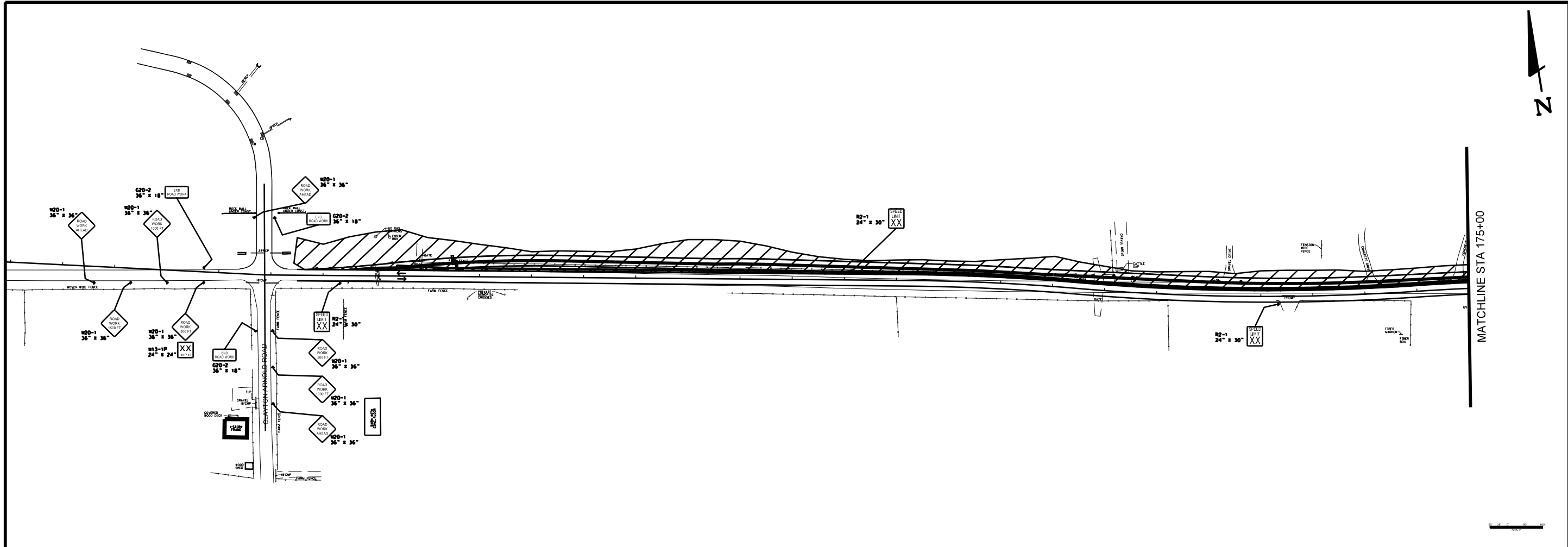
TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	FEASIBLE DRAIN (CHANNELIZING)
	SEMI CONSTRUCTION
	PORTABLE BARRIER (AL WITH BARRIER RAIL DELINEATORS)
	TRAFFIC FLOW
	ENERGY ABSORPTION DRAIN CUSHION

DR.	CHK.	DATE	DESCRIPTION



DR.	CHK.	DATE	DESCRIPTION
JK	JK	08-21-2017	ISSUED FOR 30% REVIEW
JK	JK	08-22-2018	REVIEW SET

37
FILE NO. 36473-00

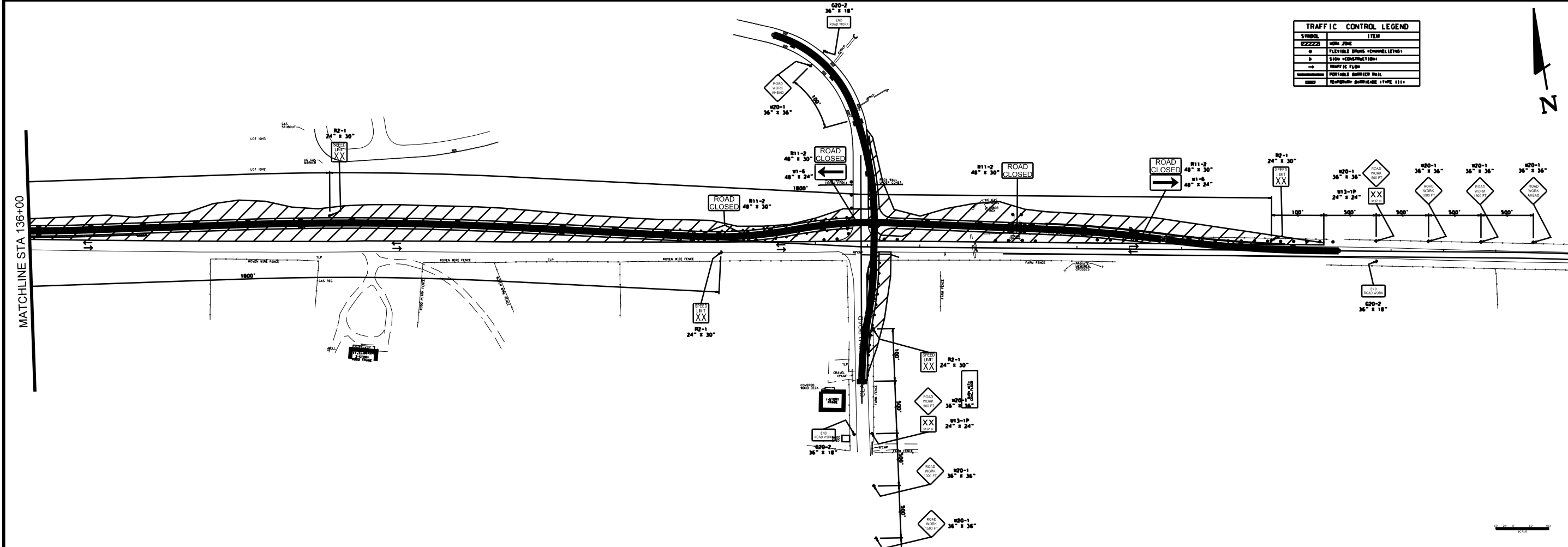
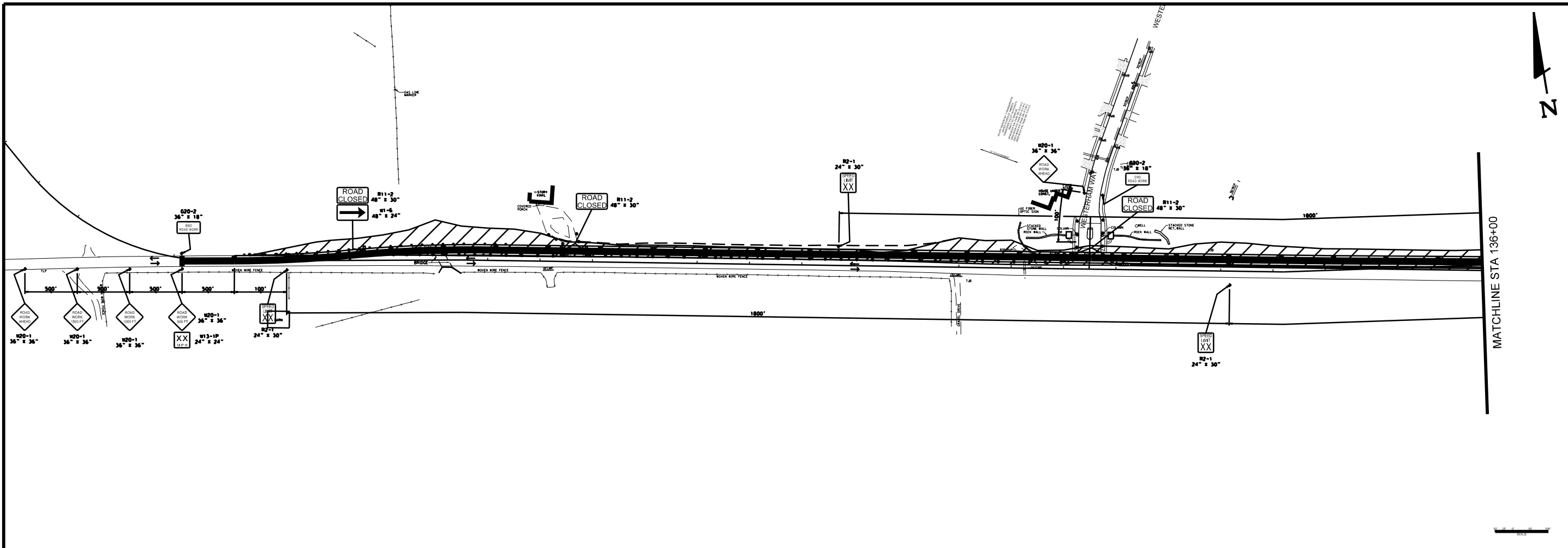


TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
XXXXXX	ROAD WORK
○	FEASIBLE DRIVING CHANNEL LINES
D	SHOW CONSTRUCTION
→	TRAFFIC FLOW
XXXX	REGULATORY SIGNAGE (TYPE XXX)

PRELIMINARY
NOT FOR
CONSTRUCTION
DATE _____

TEMP. TRAFFIC CONTROL PLAN - PH. III
CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION



TRAFFIC CONTROL LEGEND	
SXXXX	ITEM
XXXXXX	WALK SIGN
o	FLATABLE DRUMS CHANNEL LIFTING
D	SHOW CONSTRUCTION
->	TRAFFIC FLOW
-	PORTABLE BARRIER WALL
----	TEMPORARY BARRICADE (TYPE 1111)

PRELIMINARY
NOT FOR
CONSTRUCTION

DATE _____

TEMP. TRAFFIC CONTROL PLAN - PH. IV

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION

6/8/2019 8:22:53 AM

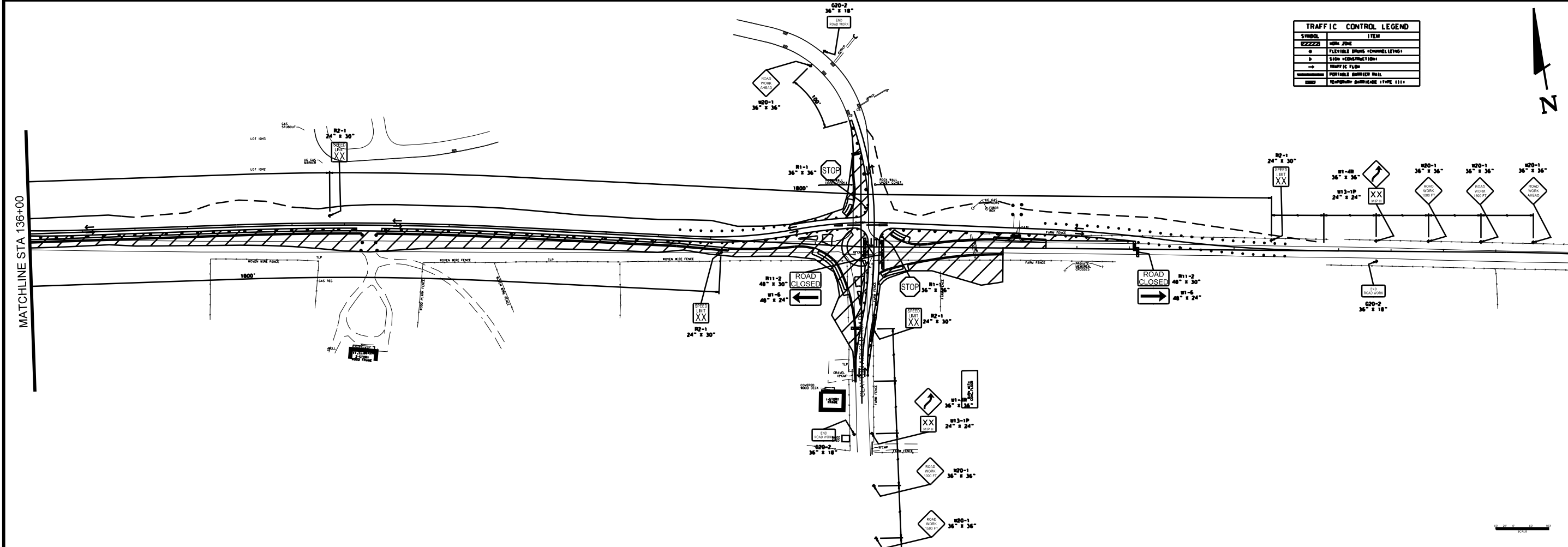
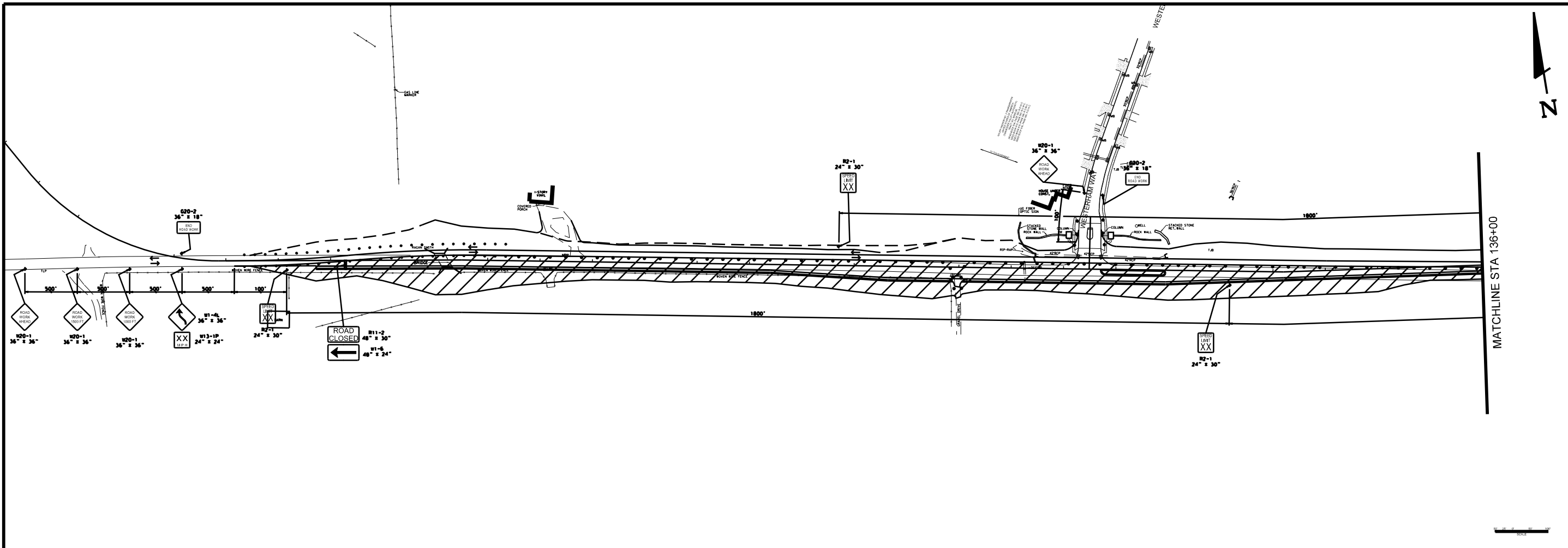
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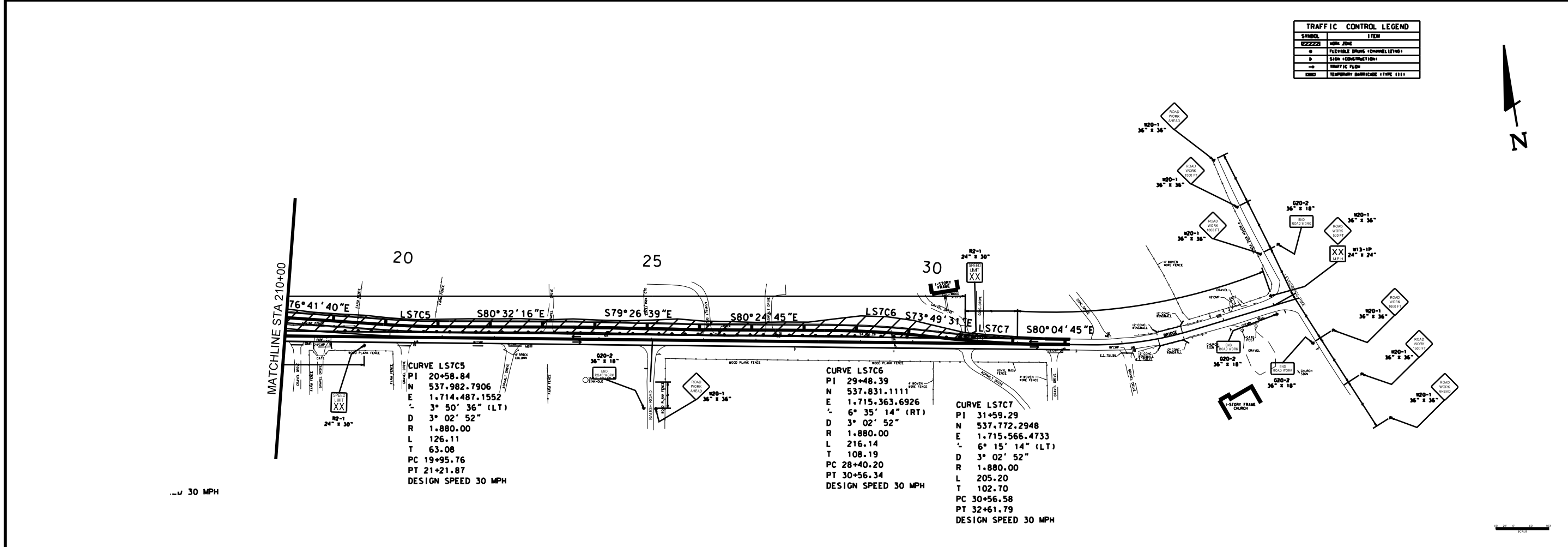
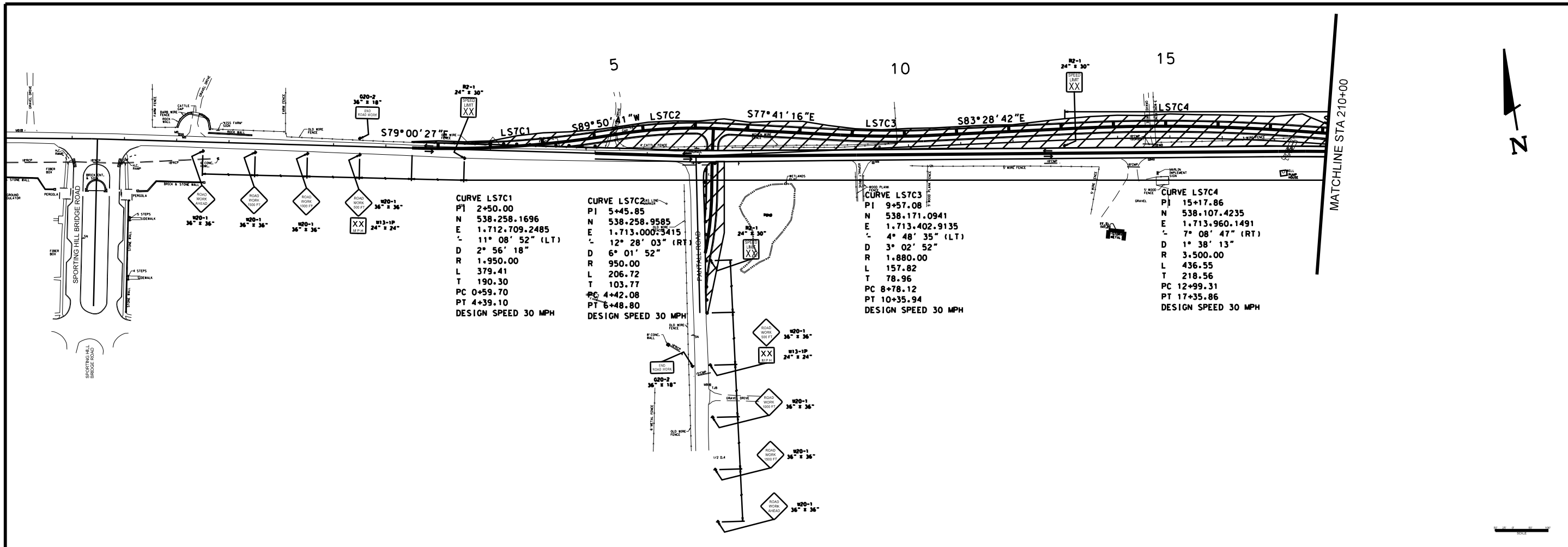
PRELIMINARY
NOT FOR
CONSTRUCTION

DATE _____

TEMP. TRAFFIC CONTROL PLAN - PH. V(A)
CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE



DIR.	CHKD.	DATE	DESCRIPTION
RF	JR	05-15-2017	ISSUED FOR 30% REVIEW
RF	JR	05-22-2018	REVIEW SET

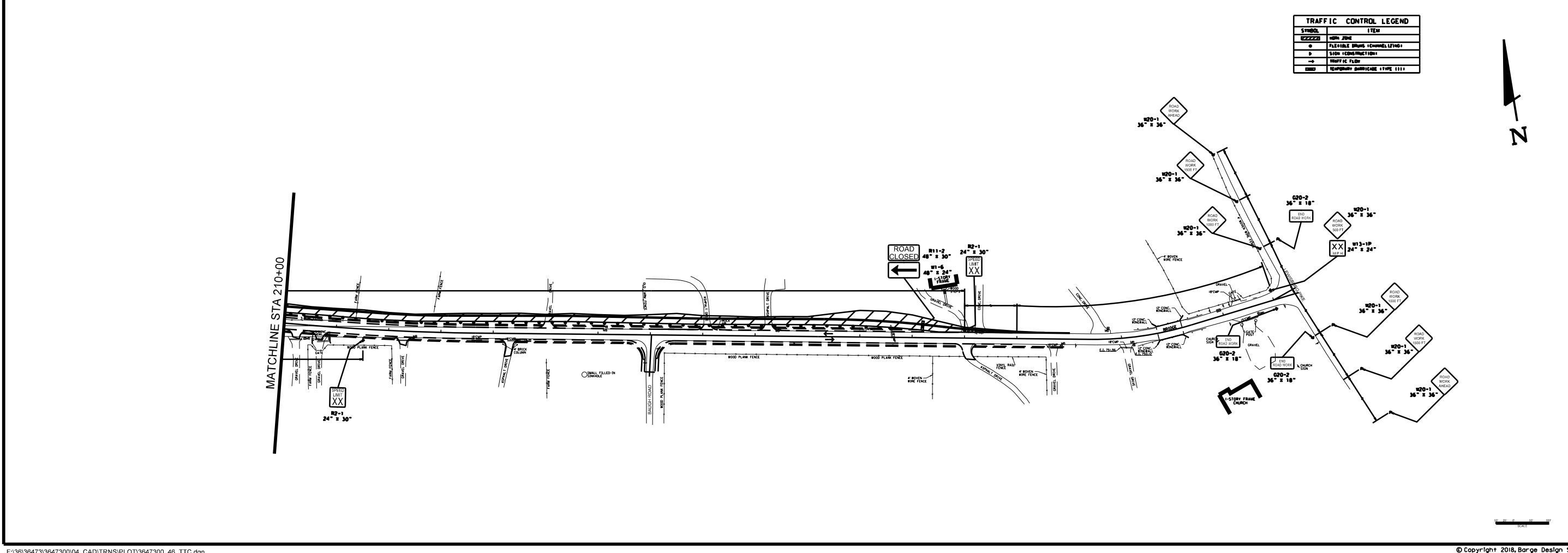
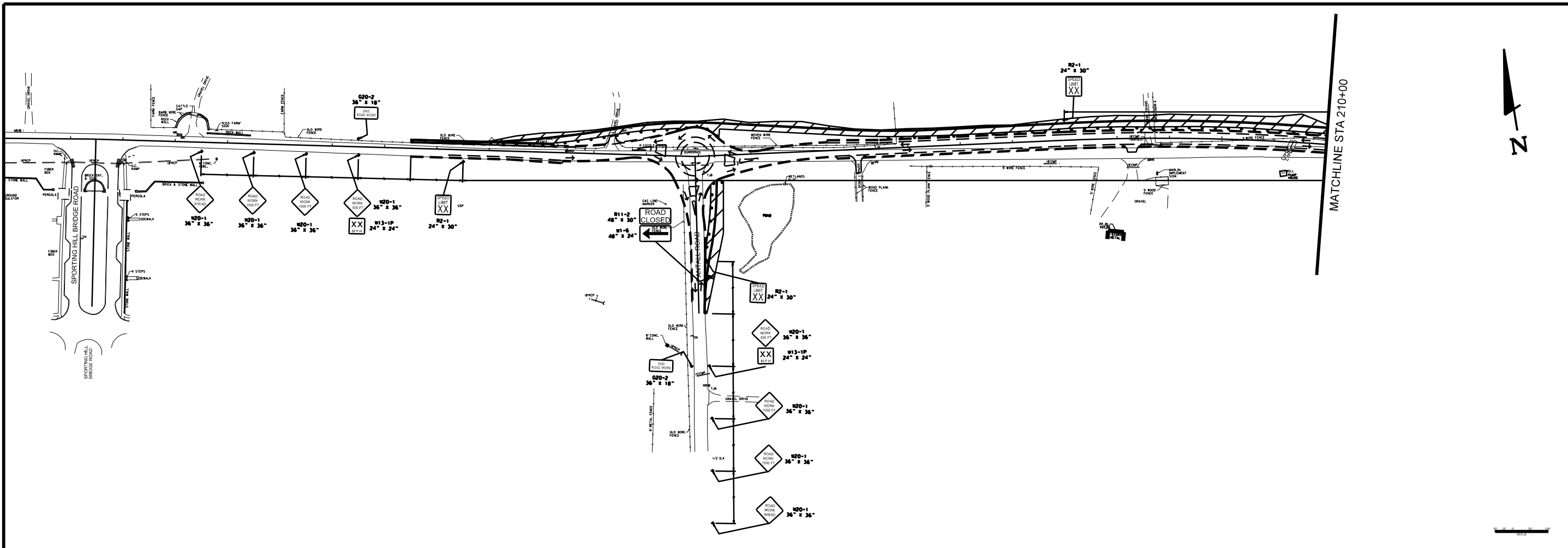


TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
XXXXXX	ROAD WORK
○	FILETABLE (WITH CHANNEL LIFTING)
D	SHOW CONSTRUCTION
→	TRAFFIC FLOW
	REGULATORY BARRICADE (TYPE 1111)

TEMP. TRAFFIC CONTROL PLAN - PH. VII

CRITZ LANE IMPROVEMENTS
 TOWN OF THOMPSON'S STATION
 THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
KE	JR	05-21-2017	ISSUED FOR 30% REVIEW
KE	JR	05-22-2018	REVIEW SET



TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
XXXXXX	ROAD SIGN
○	FILETABLE (WITH CHANNEL LIFTING)
D	SHOW CONSTRUCTION
→	TRAFFIC FLOW
	TEMPORARY BARRICADE (TYPE I)

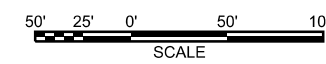
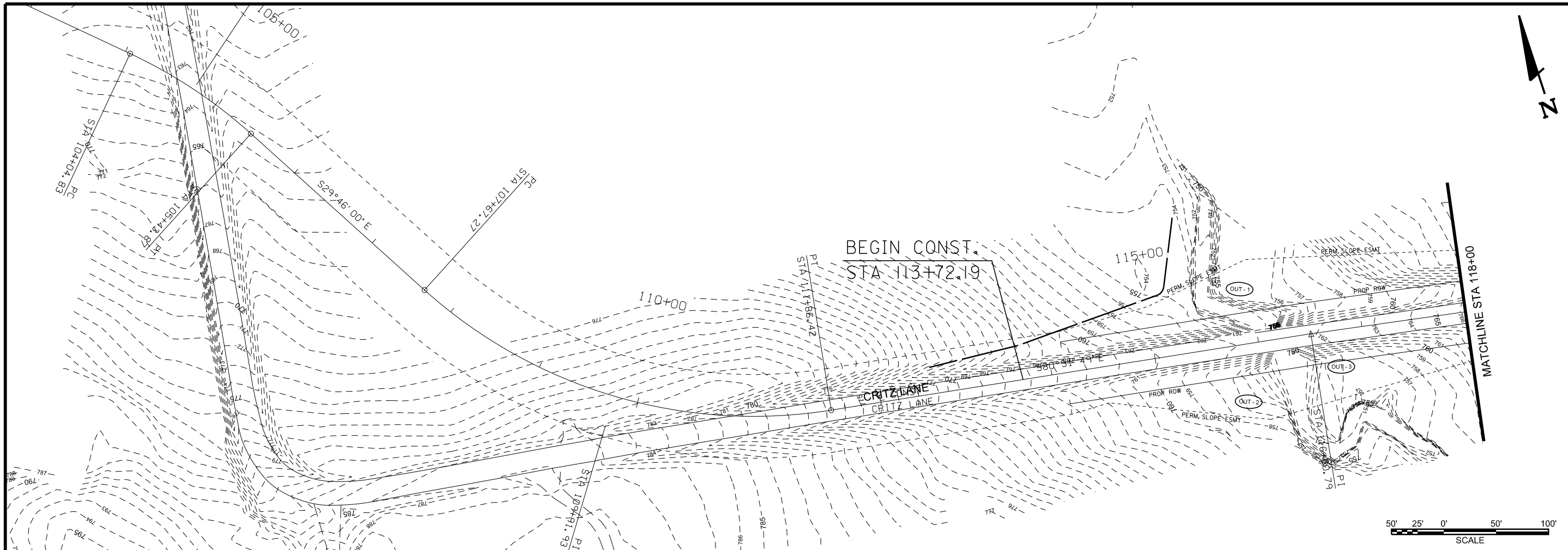
PRELIMINARY
NOT FOR
CONSTRUCTION

DATE _____

TEMP. TRAFFIC CONTROL PLAN - PH. IX

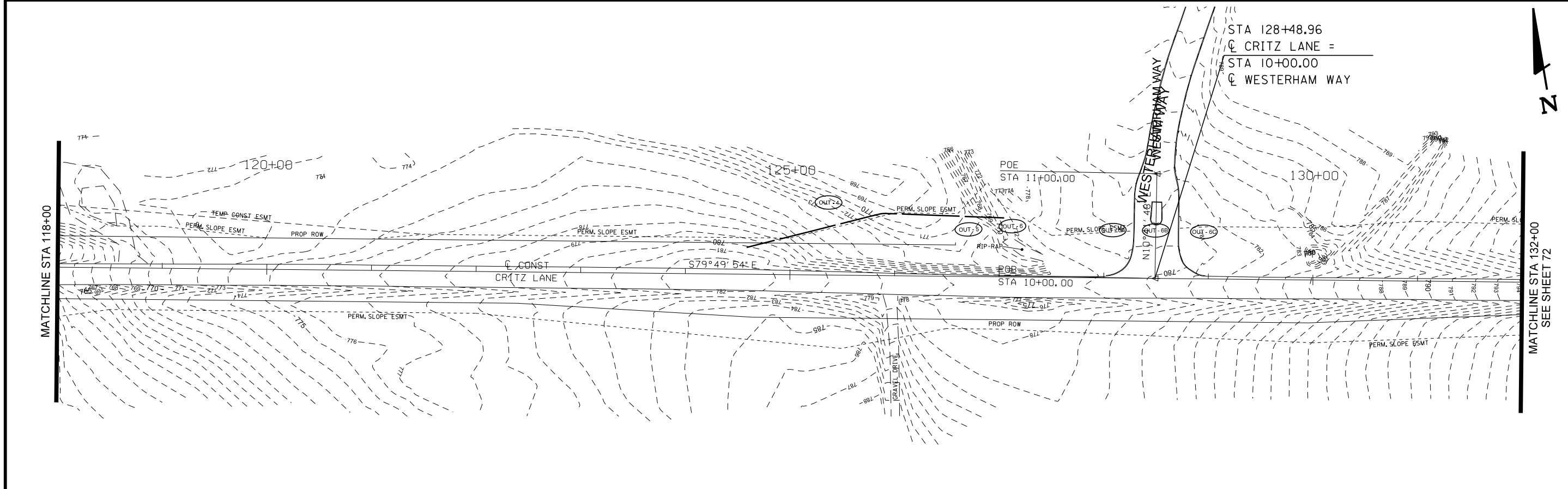
CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
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KE	JR	05-22-2018	REVIEW SET

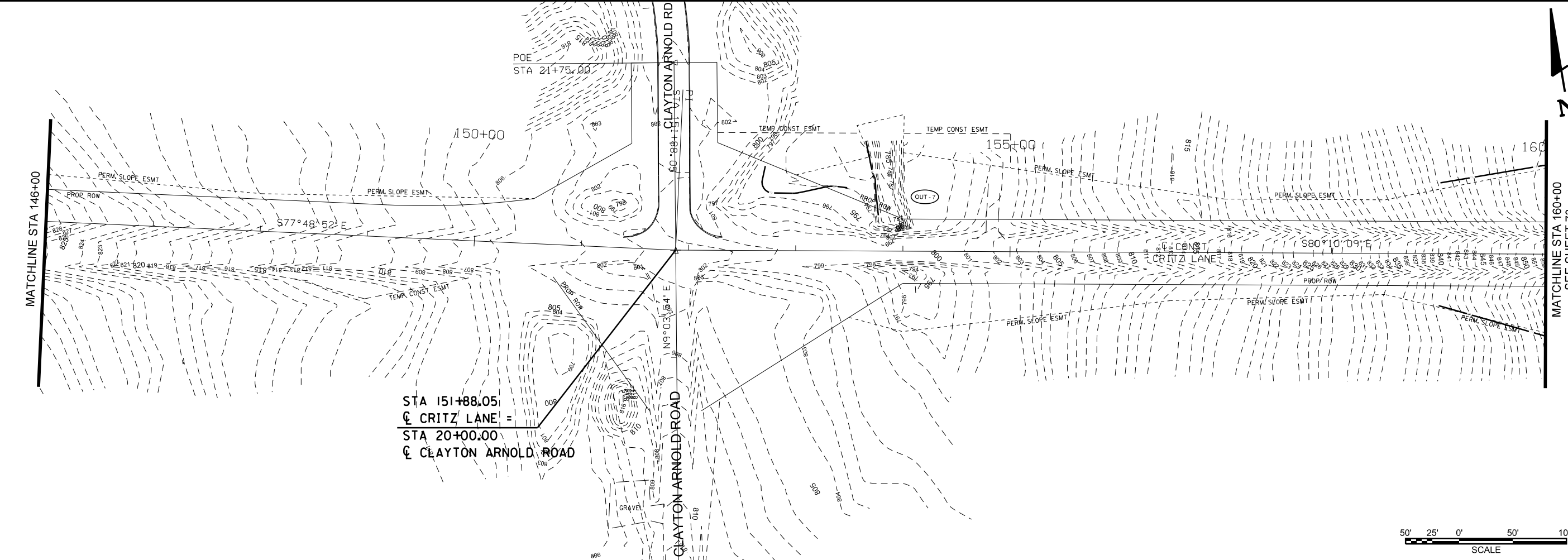
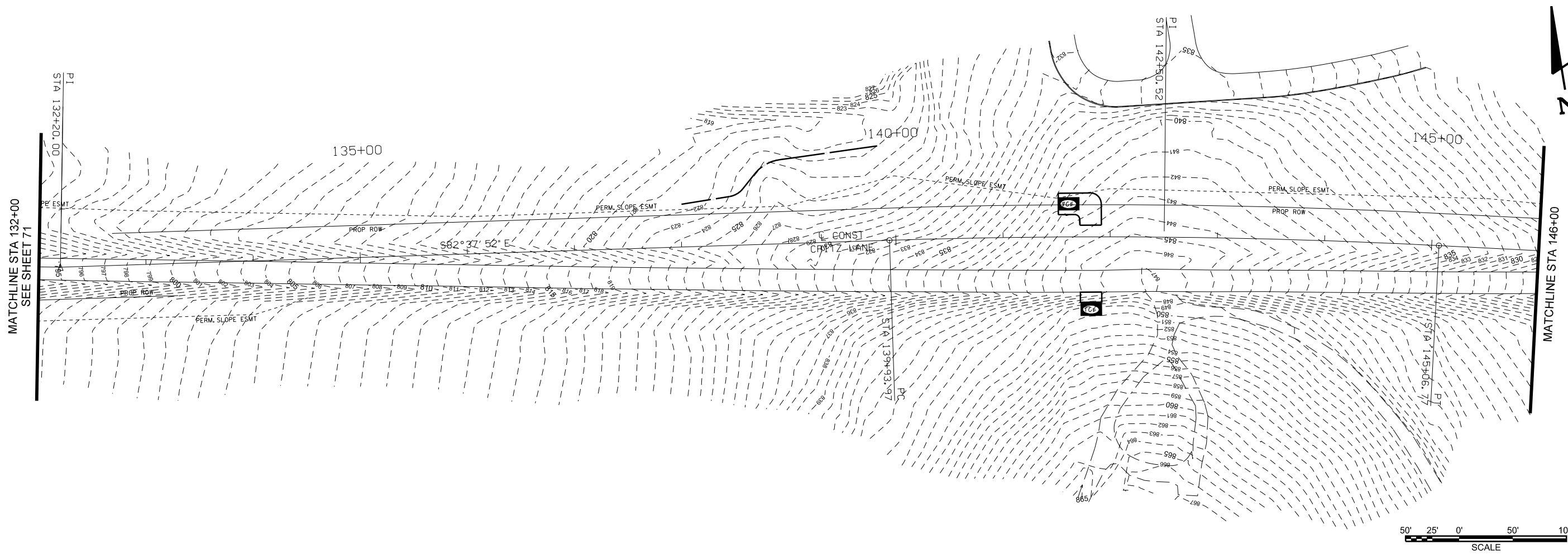


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NOT FOR
CONSTRUCTION
DATE _____

EROSION CONTROL PLAN (PHASE 1)
CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE



DR.	CHK.	DATE	DESCRIPTION

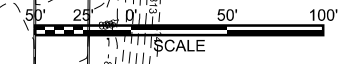
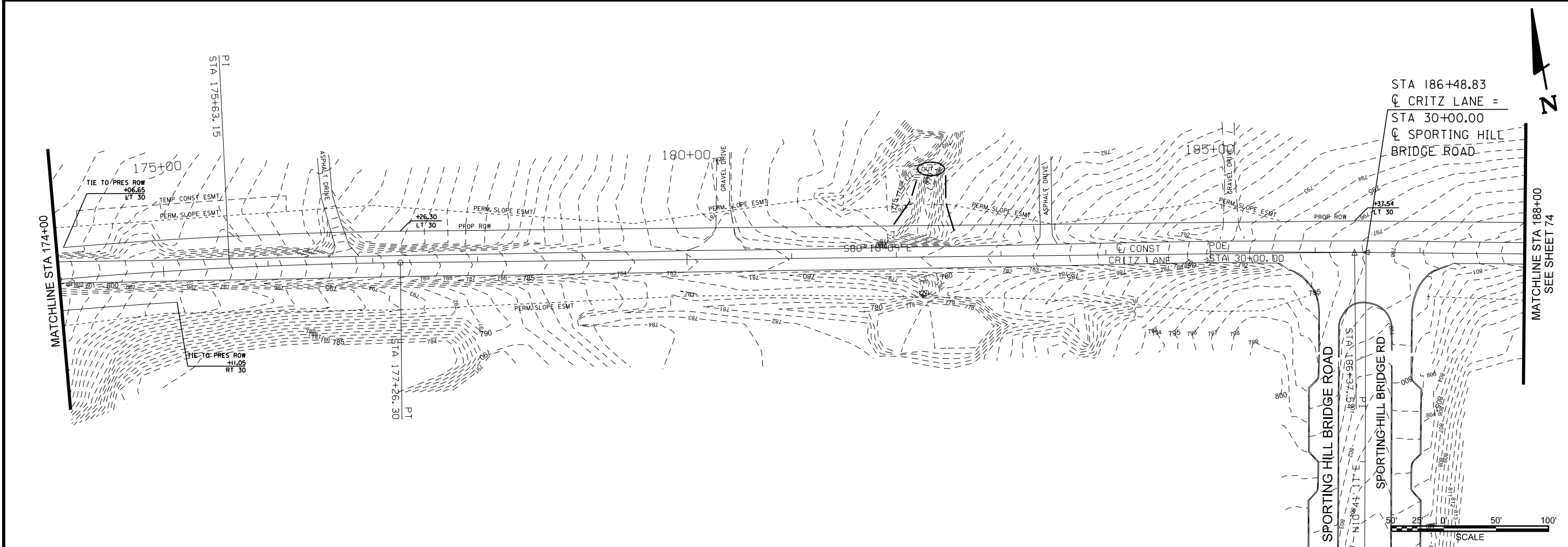
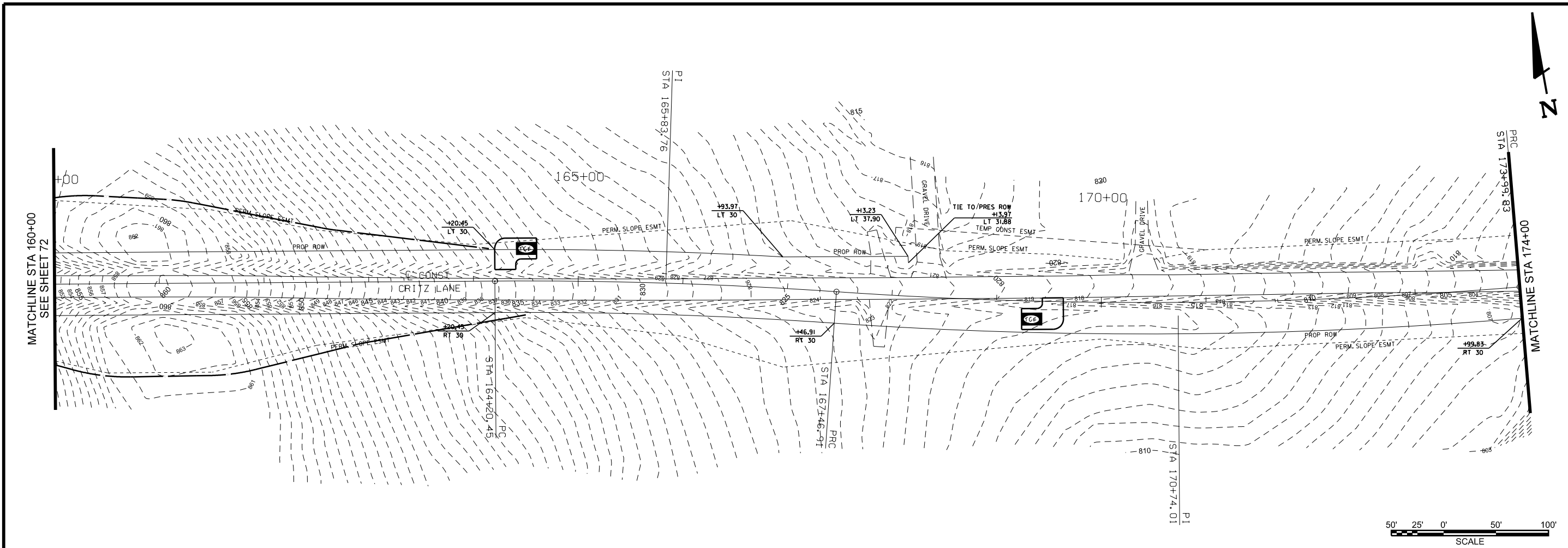


STA 151+88.05
 C CRITZ LANE =
 STA 20+00.00
 C CLAYTON ARNOLD ROAD

PRELIMINARY
 NOT FOR
 CONSTRUCTION
 DATE _____

EROSION CONTROL PLAN (PHASE 1)
 CRITZ LANE IMPROVEMENTS
 TOWN OF THOMPSON'S STATION
 THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION

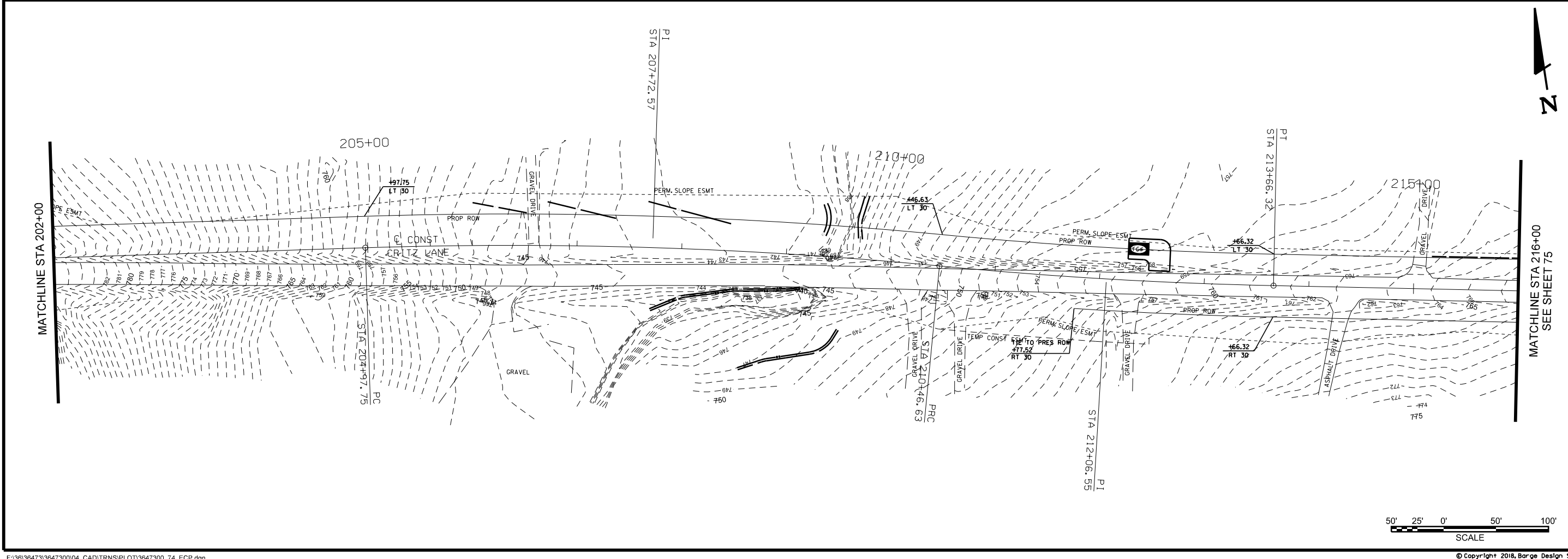
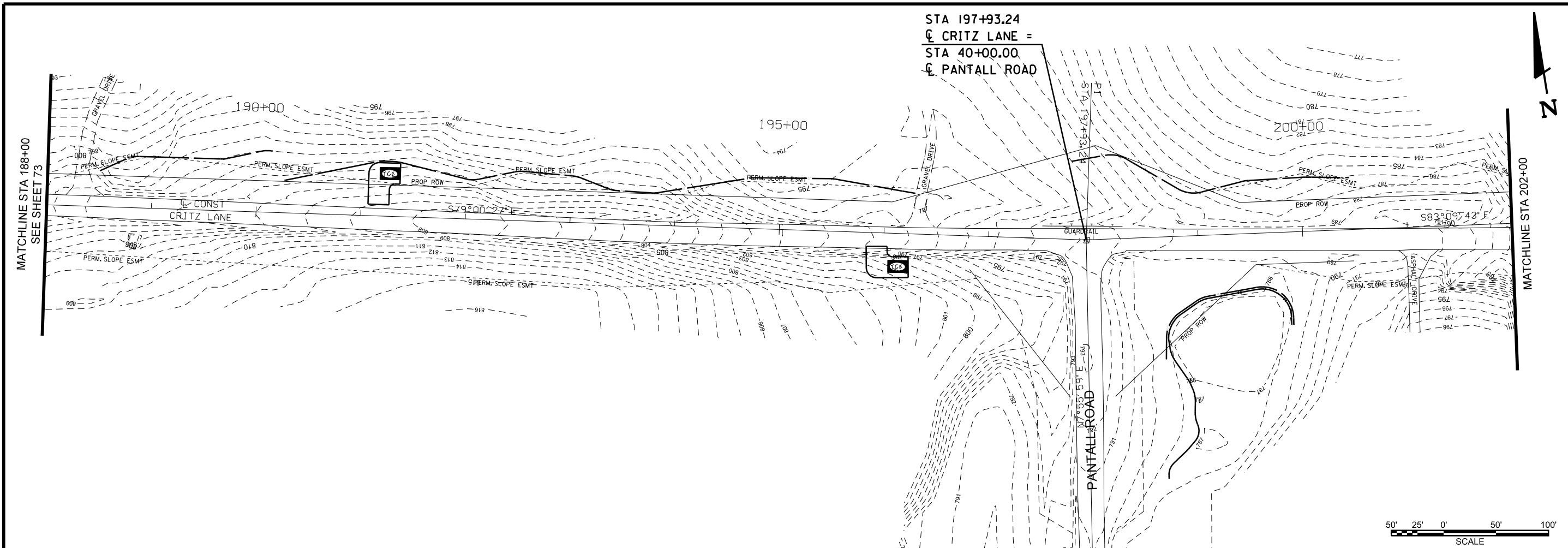


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CONSTRUCTION

DATE _____

EROSION CONTROL PLAN (PHASE 1)
CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION



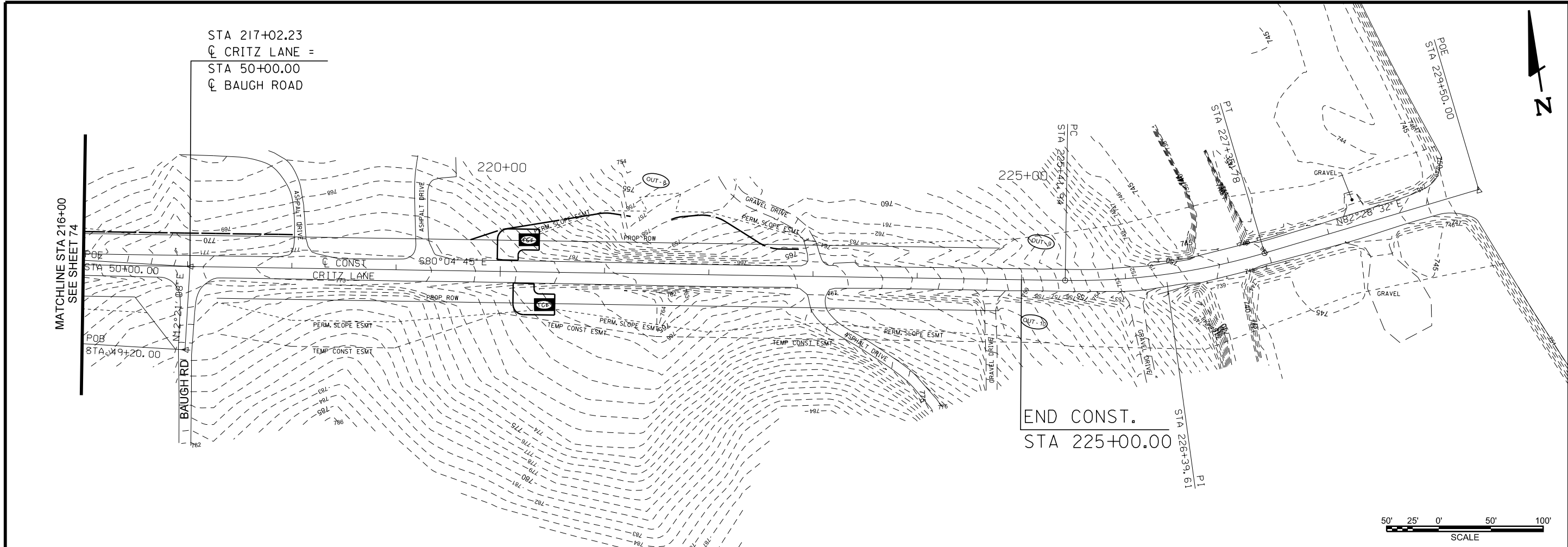
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 STA 40+00.00
 C PANTALL ROAD



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 NOT FOR
 CONSTRUCTION
 DATE _____

EROSION CONTROL PLAN (PHASE 1)
 CRITZ LANE IMPROVEMENTS
 TOWN OF THOMPSON'S STATION
 THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
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PC	JR	05-22-2018	REVIEW SET

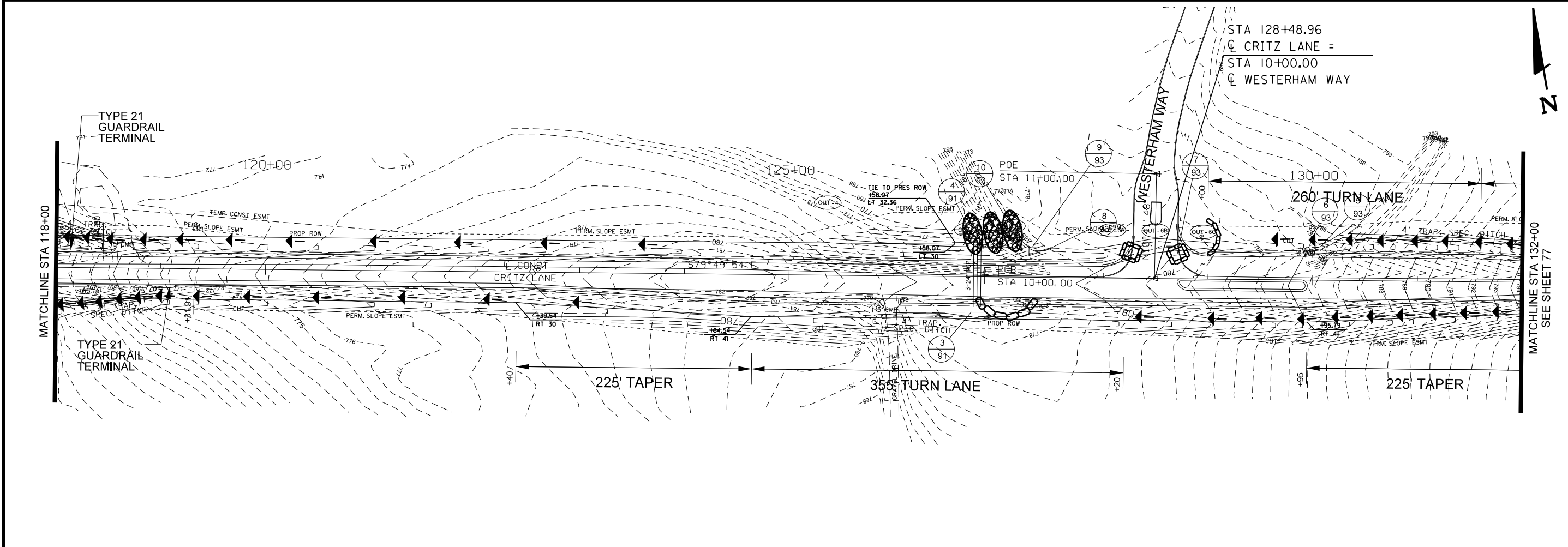
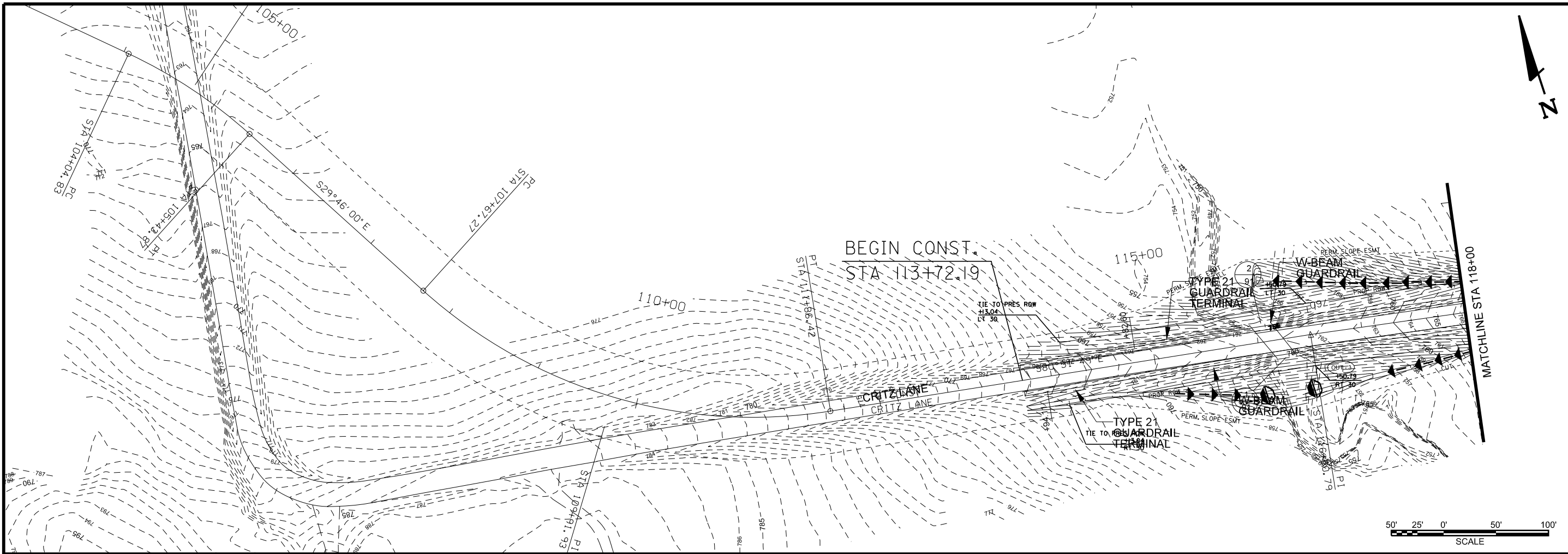


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CONSTRUCTION

DATE

EROSION CONTROL PLAN (PHASE 1)
CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
KE	JR	08-21-2017	ISSUED FOR 30% REVIEW
KE	JR	08-22-2018	REVIEW SET



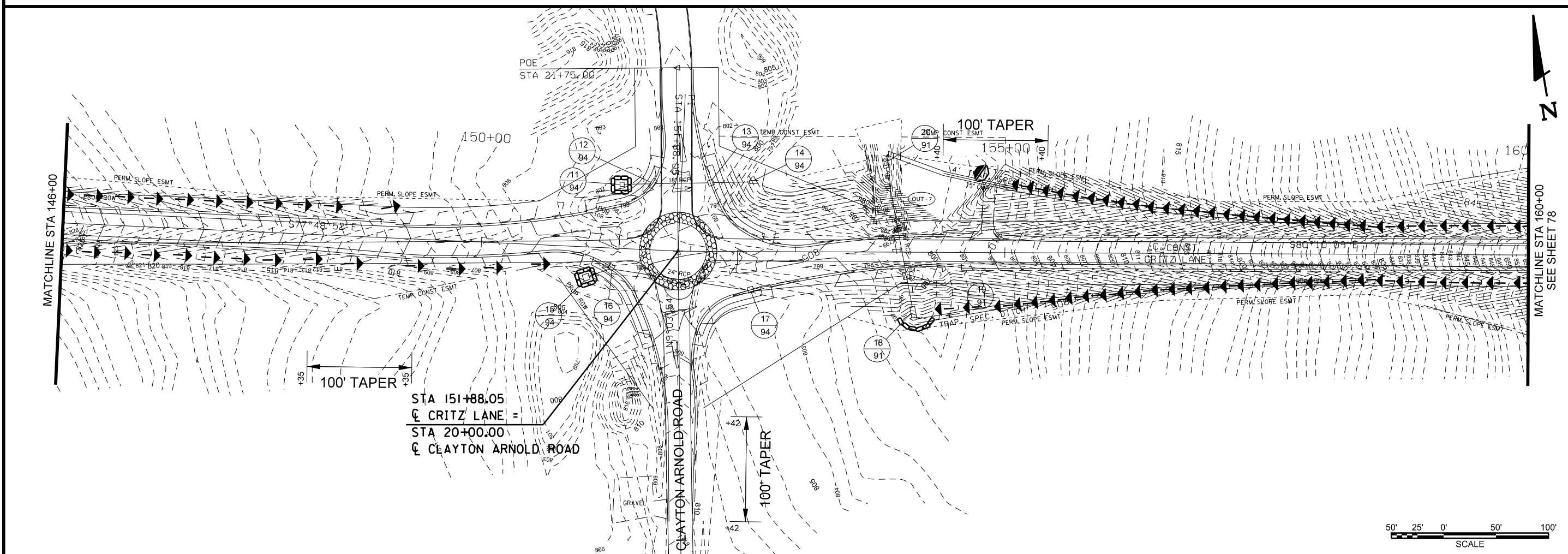
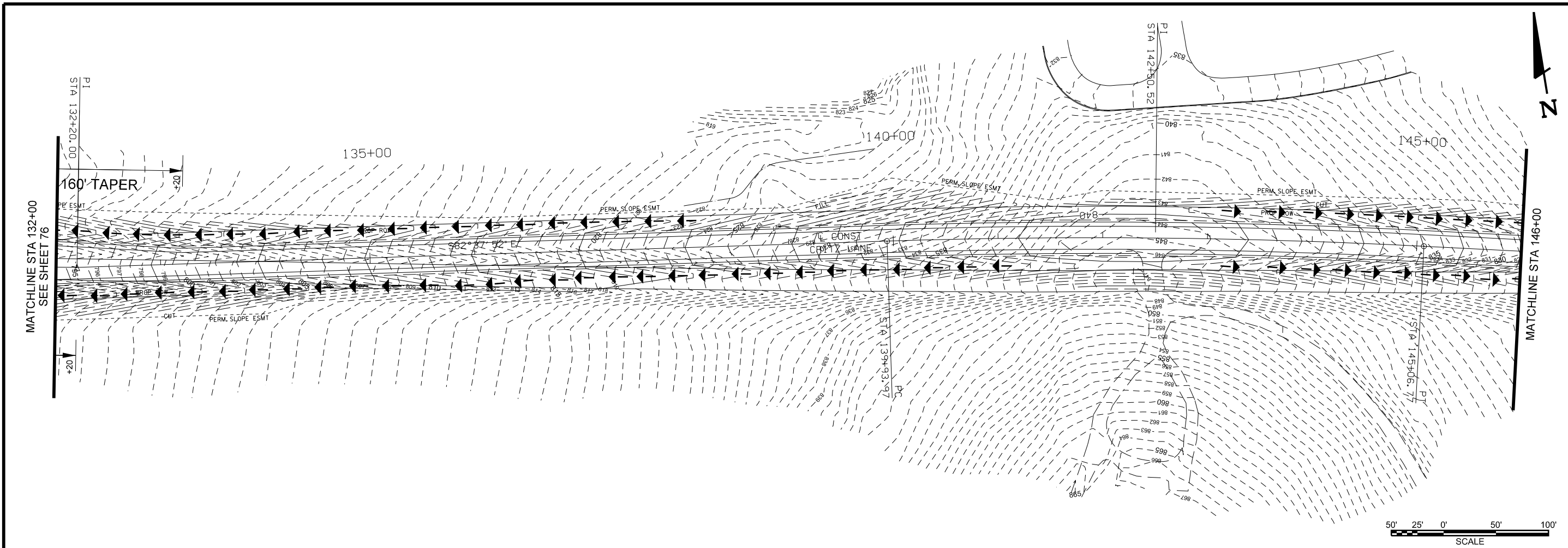
PRELIMINARY
NOT FOR
CONSTRUCTION

DATE

EROSION CONTROL PLAN (PHASE 2)

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION



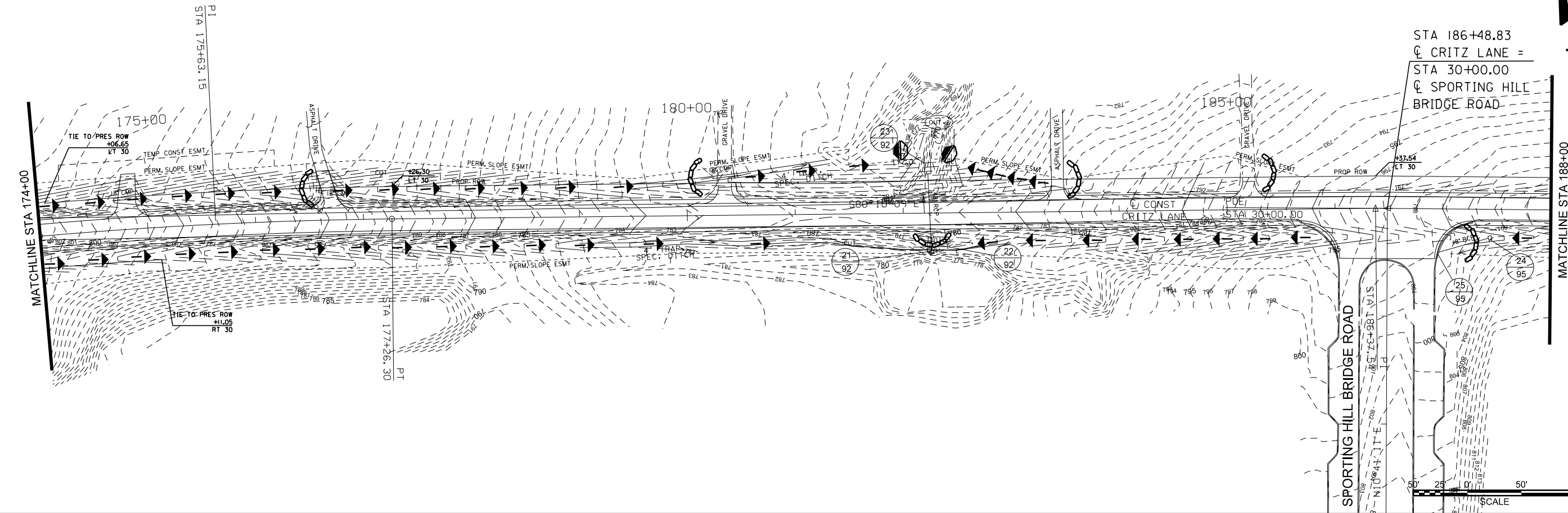
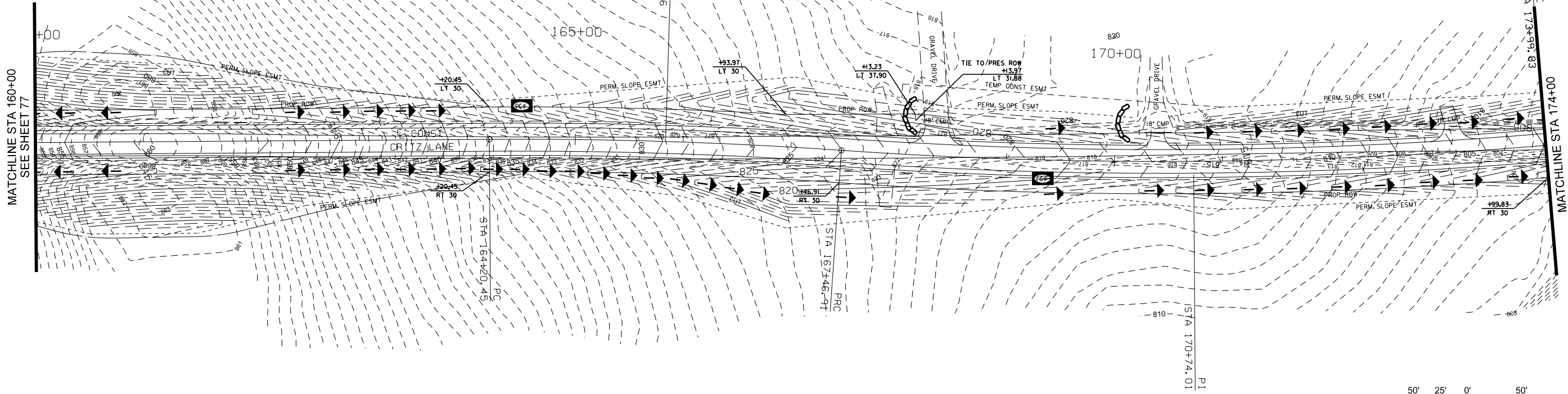
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CONSTRUCTION

DATE

EROSION CONTROL PLAN (PHASE 2)

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
			ISSUED FOR 30% REVIEW
			REVIEW SET

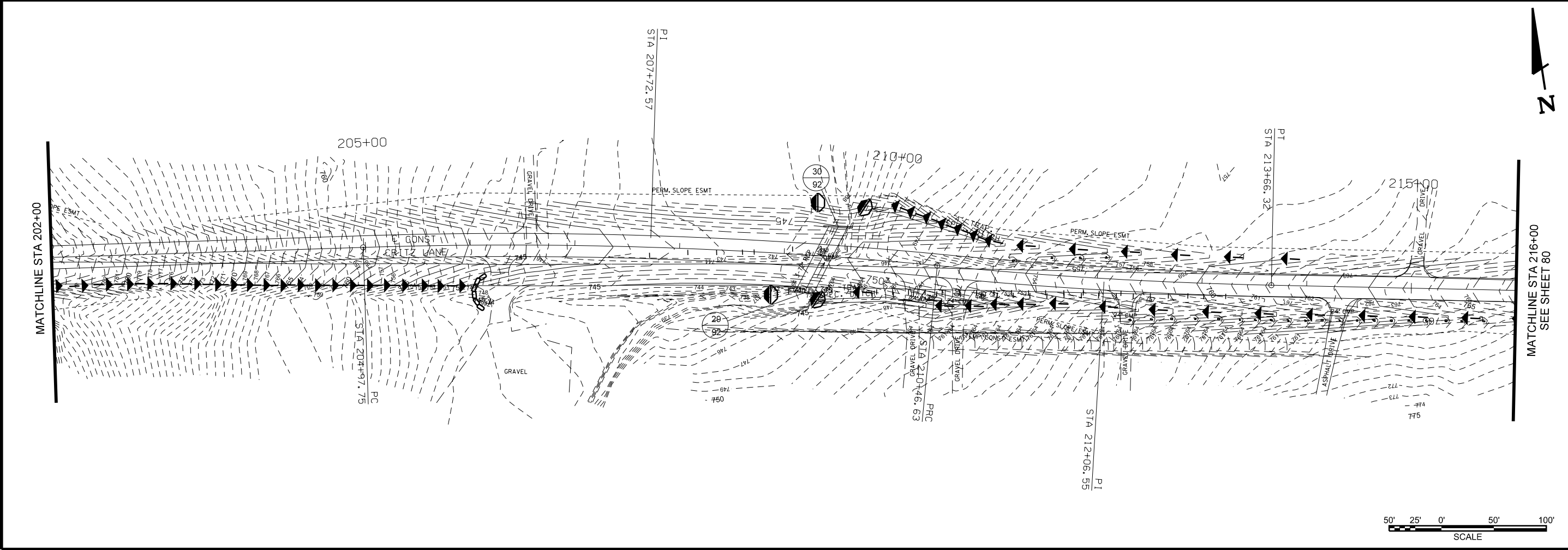
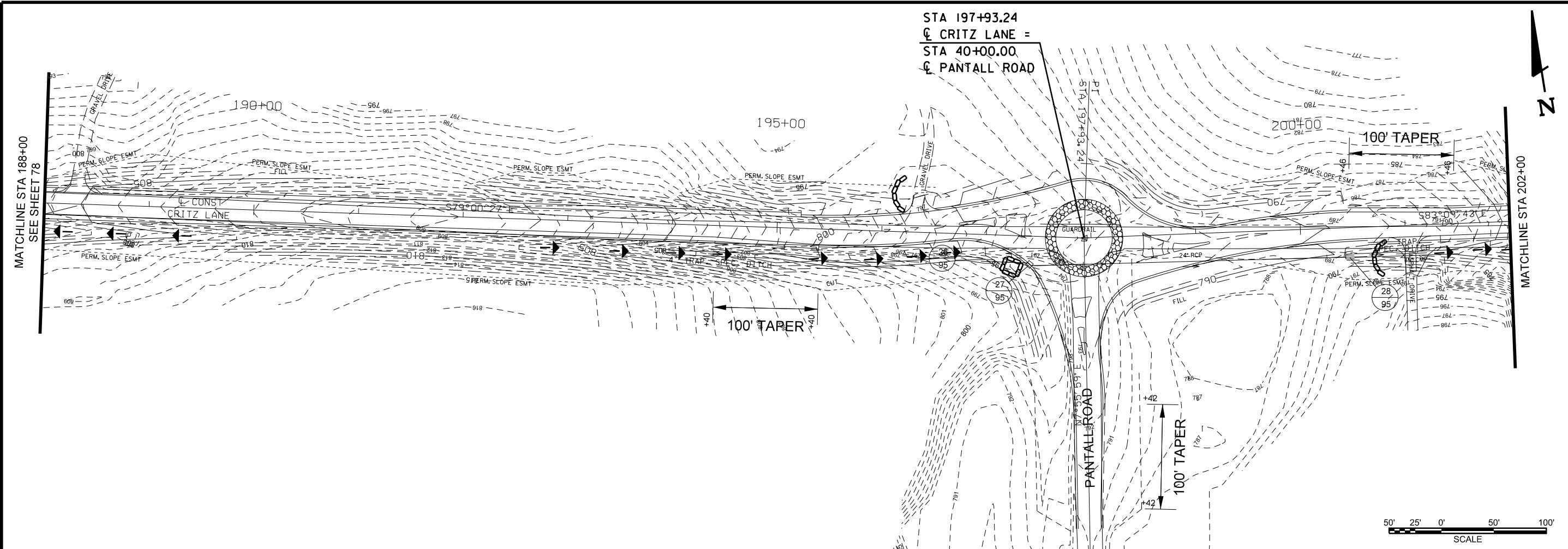


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CONSTRUCTION

EROSION CONTROL PLAN (PHASE 2)

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
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KE	JR	05-22-2018	REVIEW SET



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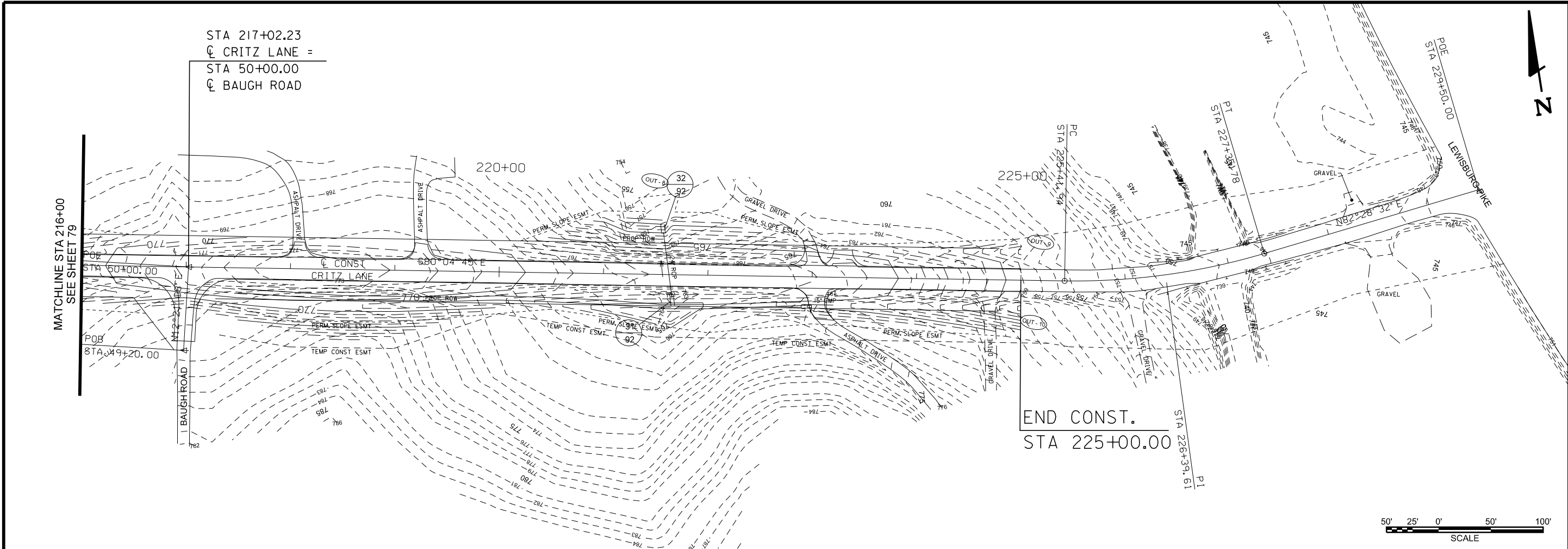
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EROSION CONTROL PLAN (PHASE 2)

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

CHK.	DATE	DESCRIPTION
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JK	05-25-2018	REVIEW SET





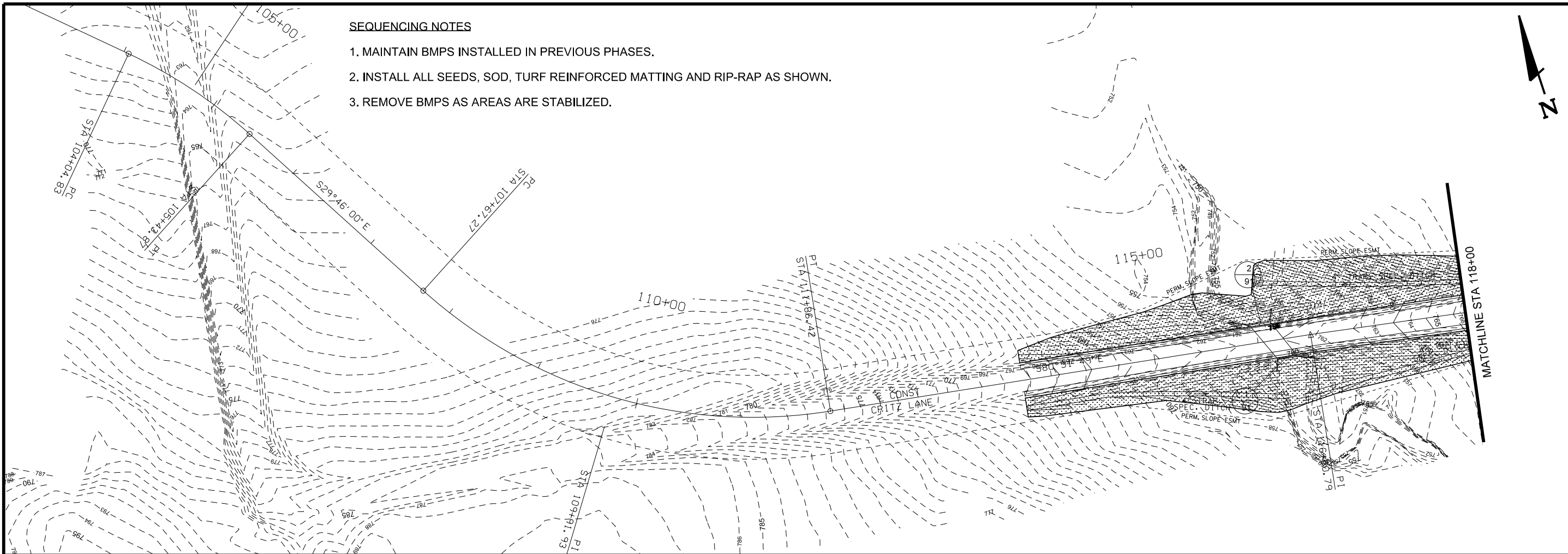
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DATE

EROSION CONTROL PLAN (PHASE 2)

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

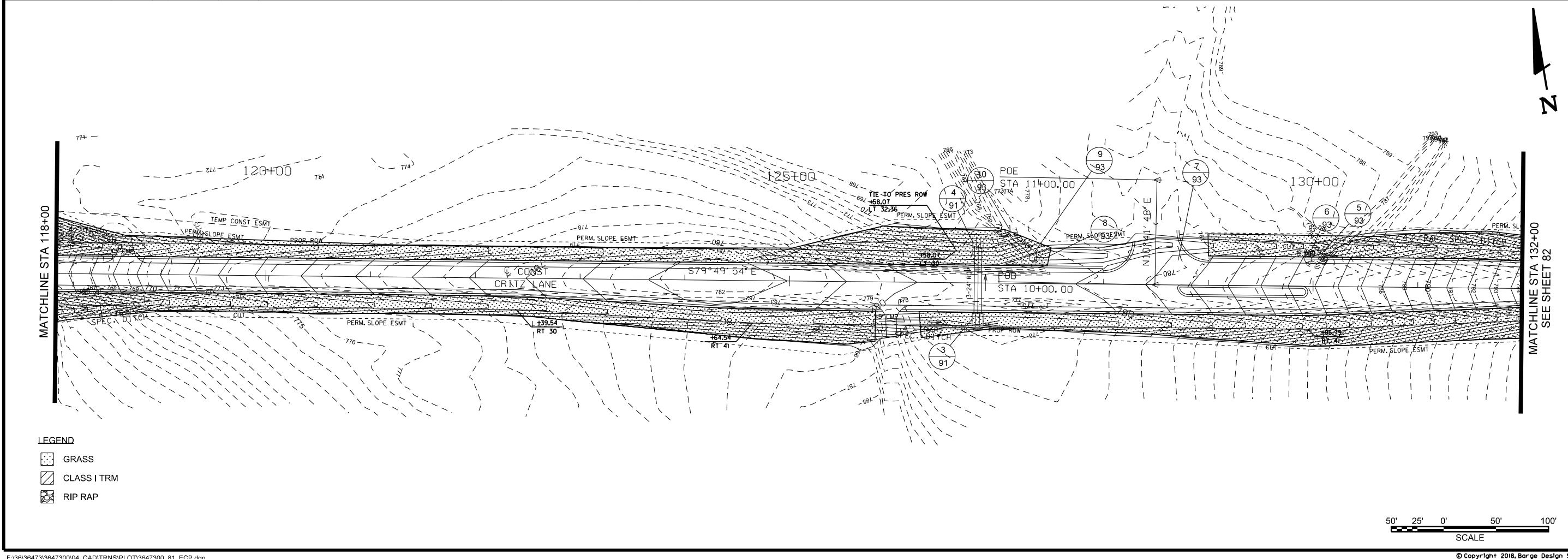
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KE	JR	08/22/2018	REVIEW SET



SEQUENCING NOTES

1. MAINTAIN BMPS INSTALLED IN PREVIOUS PHASES.
2. INSTALL ALL SEEDS, SOD, TURF REINFORCED MATTING AND RIP-RAP AS SHOWN.
3. REMOVE BMPS AS AREAS ARE STABILIZED.

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DATE _____



LEGEND

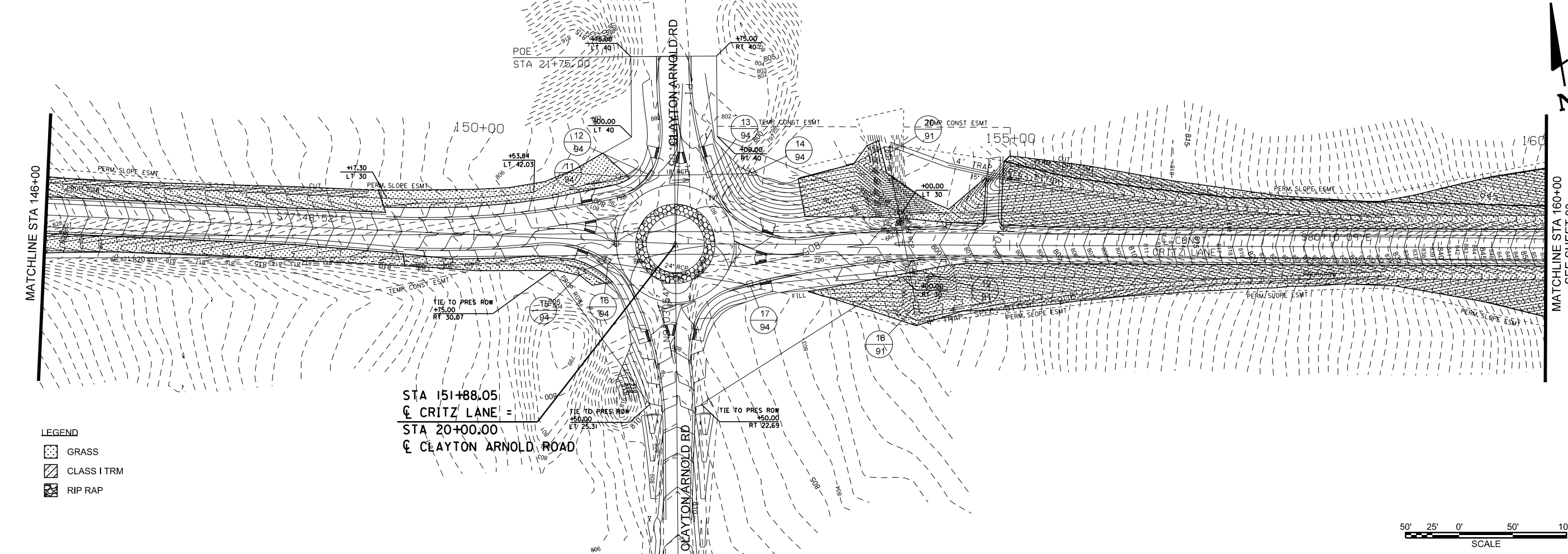
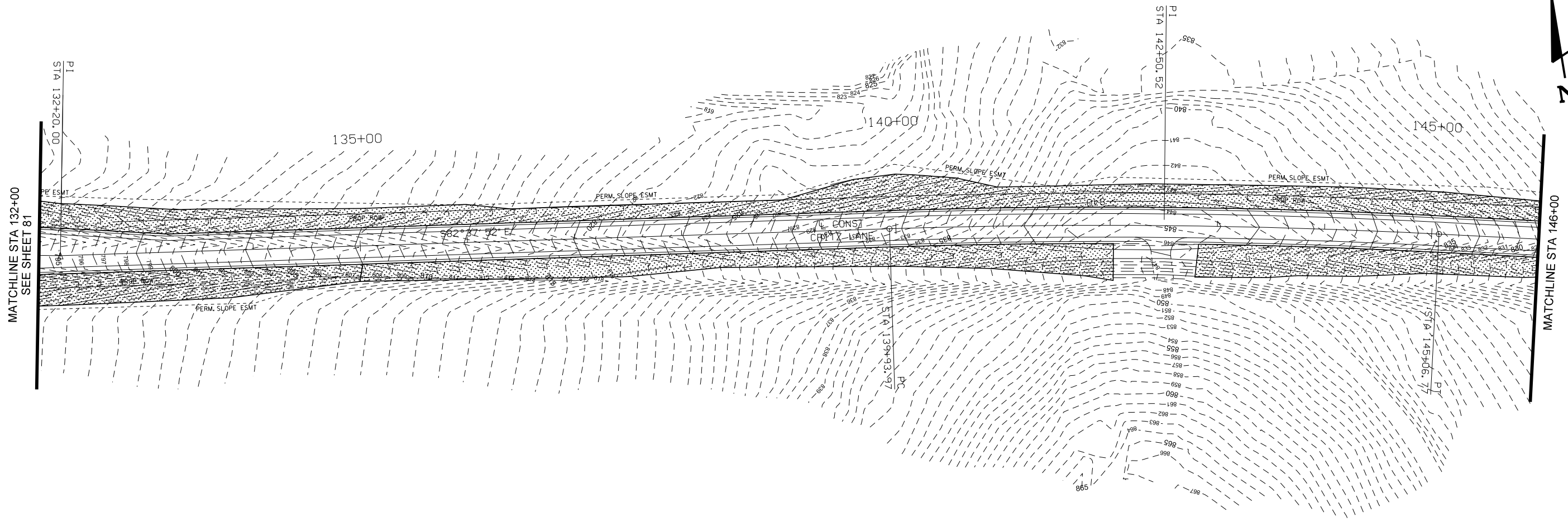
	GRASS
	CLASS I TRM
	RIP RAP



EROSION CONTROL PLAN (PHASE 3)

**CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE**

DR.	CHK.	DATE	DESCRIPTION



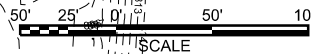
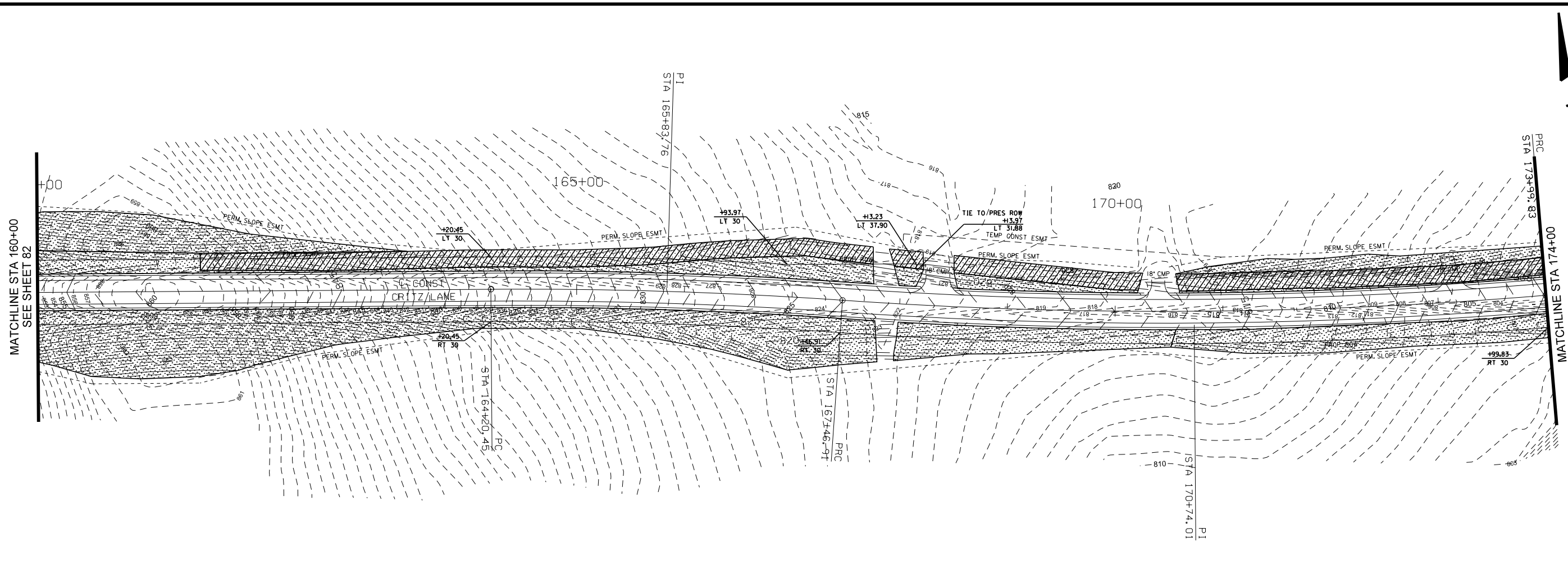
EROSION CONTROL PLAN (PHASE 3)
CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION

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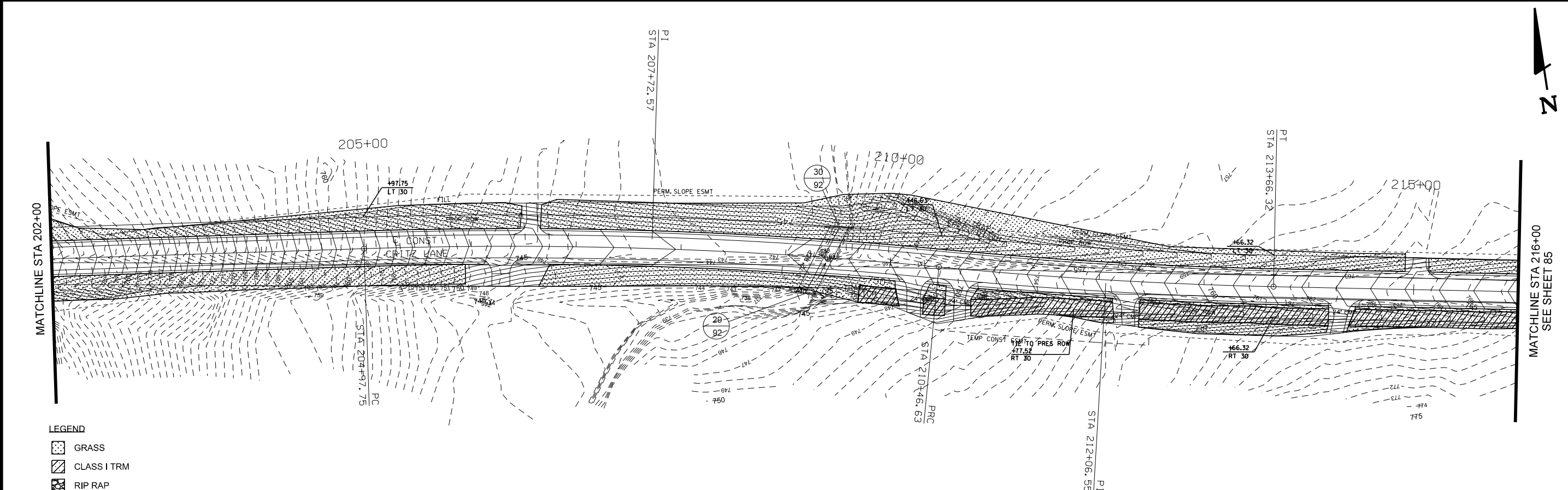
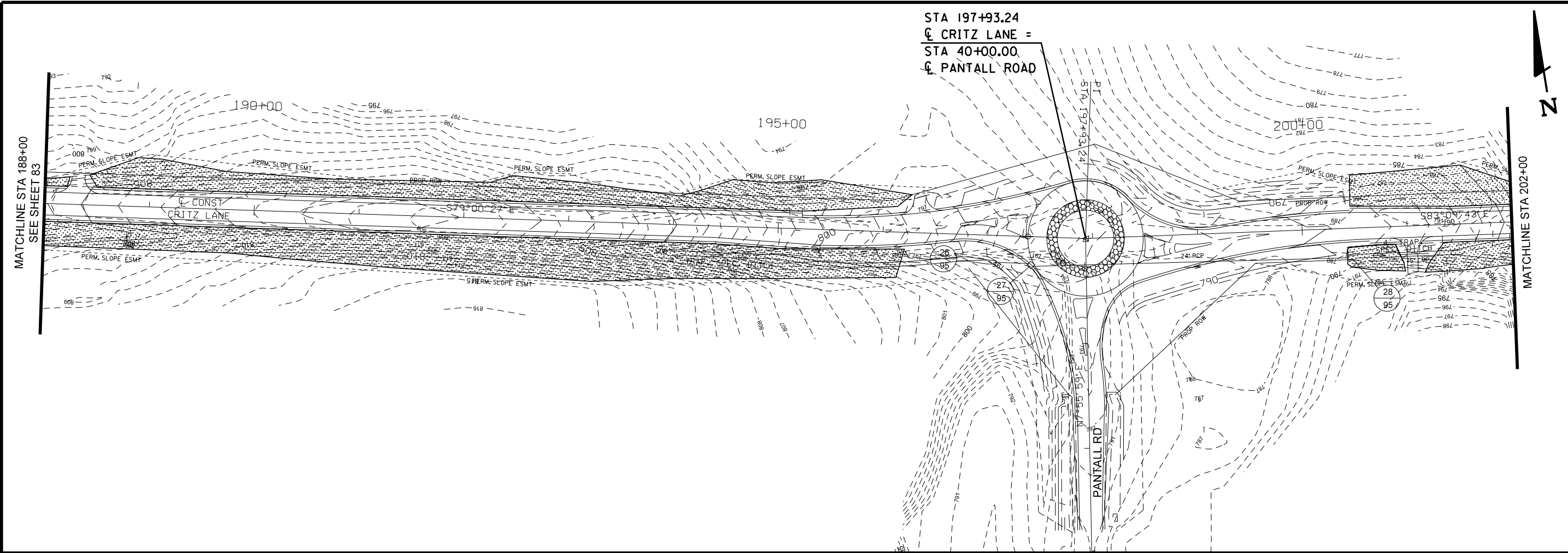


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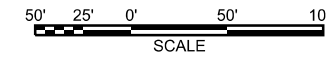
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EROSION CONTROL PLAN (PHASE 3)
CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
KC	JR	05-12-2017	ISSUED FOR 30% REVIEW
KC	JR	05-22-2018	REVIEW SET



- LEGEND**
- GRASS
 - CLASS I TRM
 - RIP RAP



BARGE
DESIGN SOLUTIONS

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PHONE (256) 533-1561 / FAX (256) 533-1564

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EROSION CONTROL PLAN (PHASE 3)
CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION

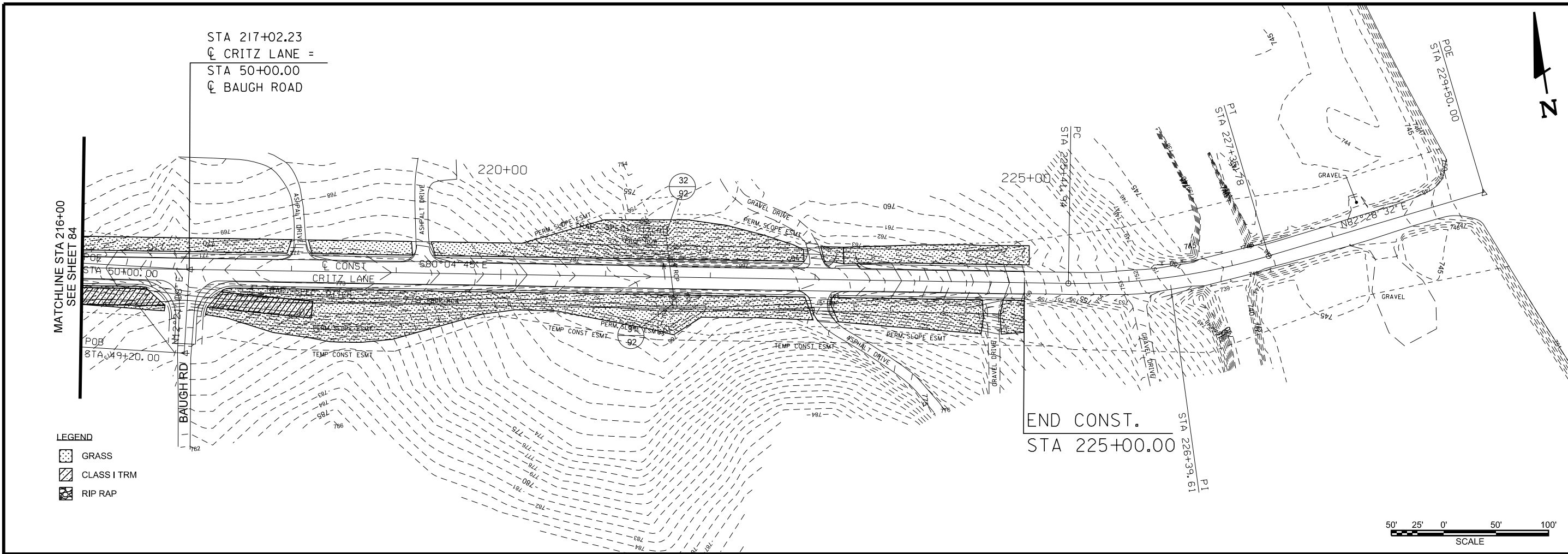
PRELIMINARY
NOT FOR
CONSTRUCTION

DATE

EROSION CONTROL PLAN (PHASE 3)

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
KE	JK	05-10-2017	ISSUED FOR 30% REVIEW
KE	JR	05-22-2018	REVIEW SET



STA 217+02.23
☐ CRITZ LANE =
STA 50+00.00
☐ BAUGH ROAD

MATCHLINE STA 216+00
SEE SHEET 84

- LEGEND
- GRASS
 - CLASS I TRM
 - RIP RAP

END CONST.
STA 225+00.00



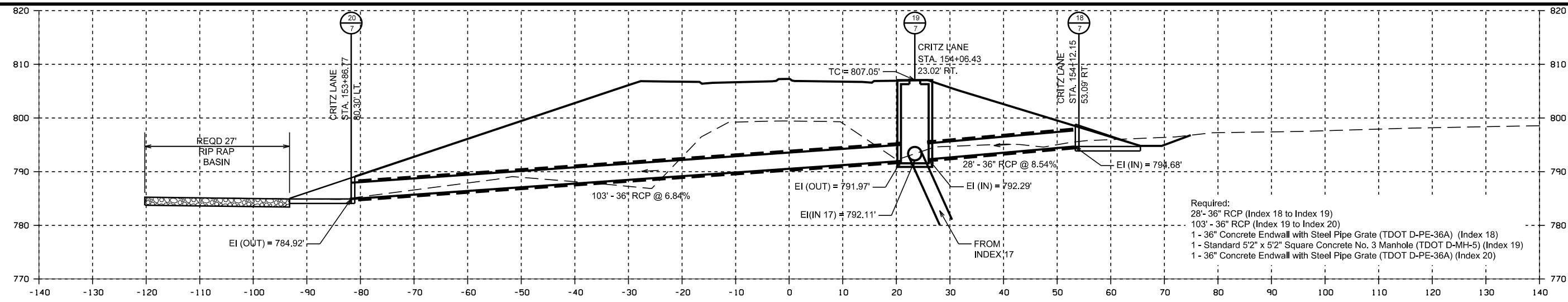
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DATE _____

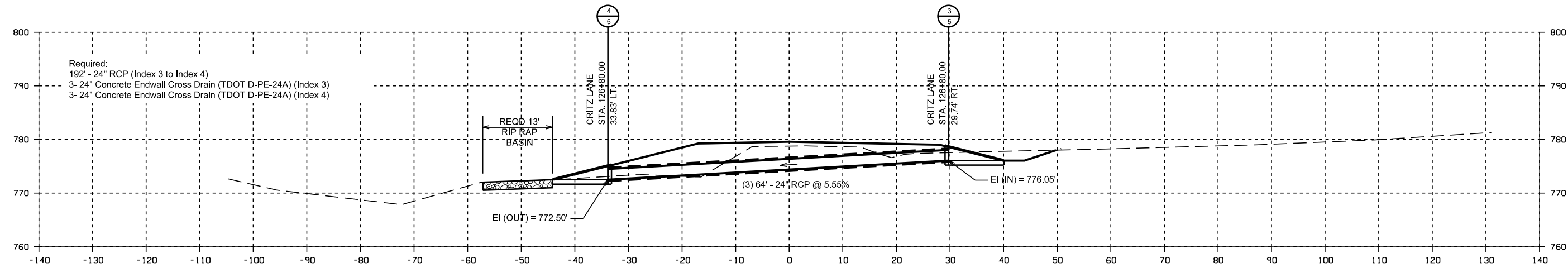
DRAINAGE CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

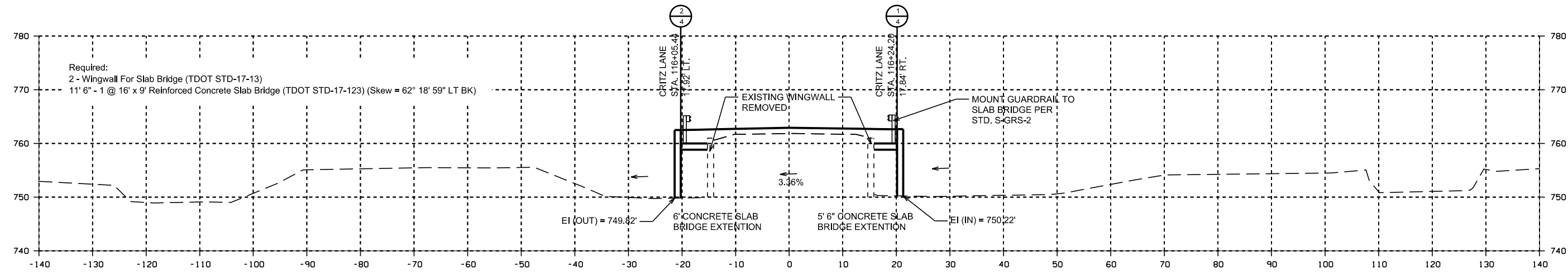
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JK	JK	05-22-2018	REVIEW SET



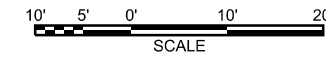
CRITZ LANE
154+02



CRITZ LANE
126+80



CRITZ LANE
116+15



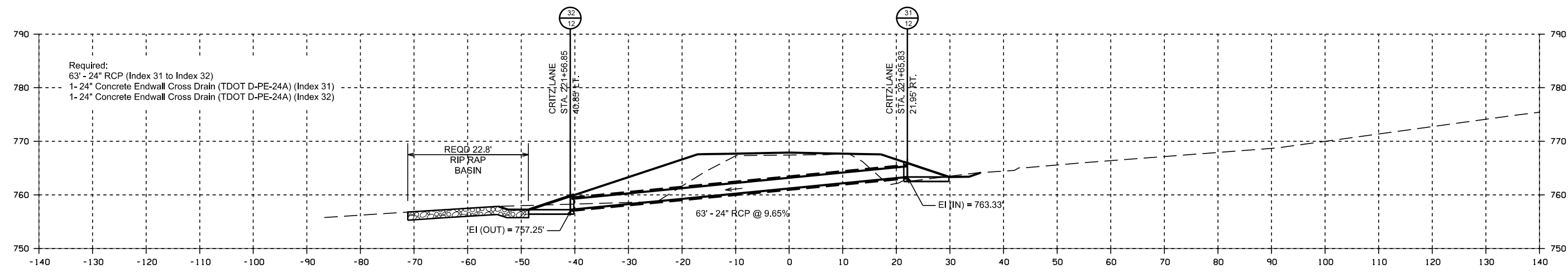
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DATE _____

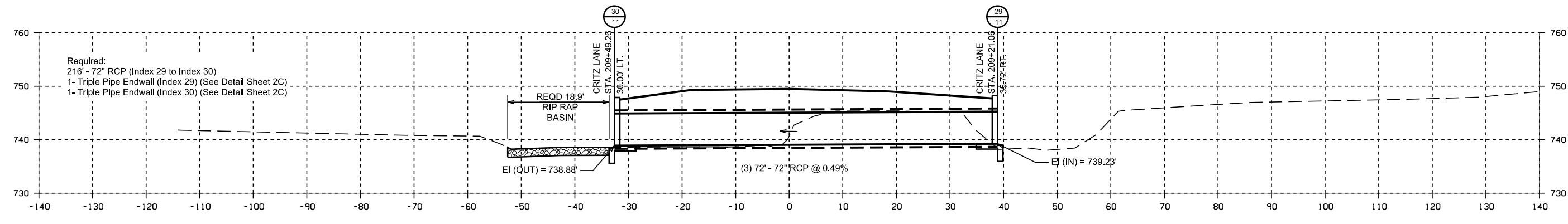
DRAINAGE CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

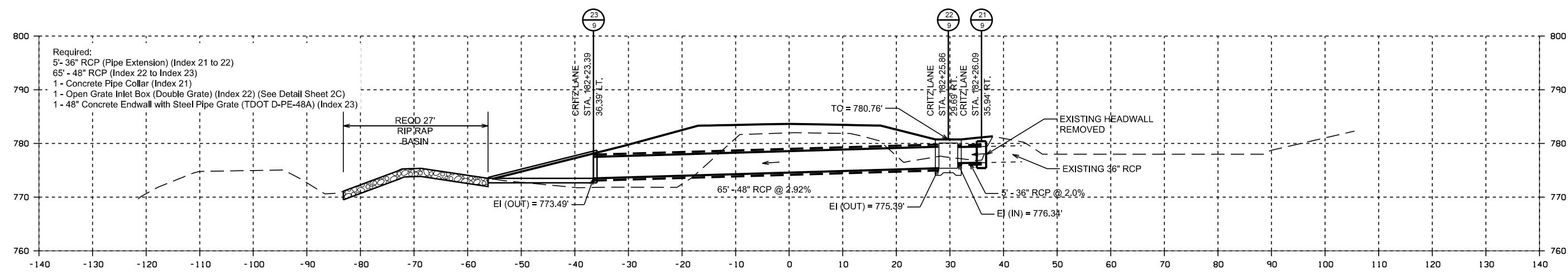
DR.	CHK.	DATE	DESCRIPTION
	JK	05-21-2017	ISSUED FOR 30% REVIEW
	JR	05-22-2018	REVIEW SET



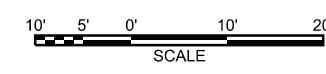
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221+63



CRITZ LANE
209+37



CRITZ LANE
182+25

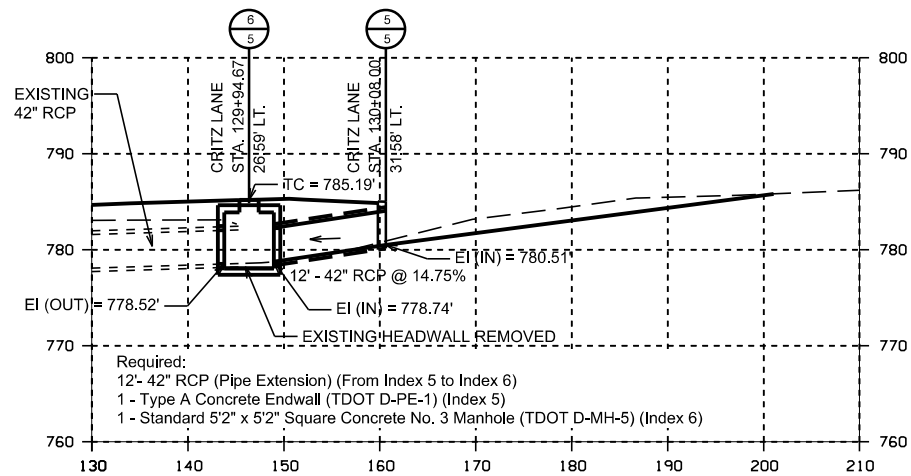


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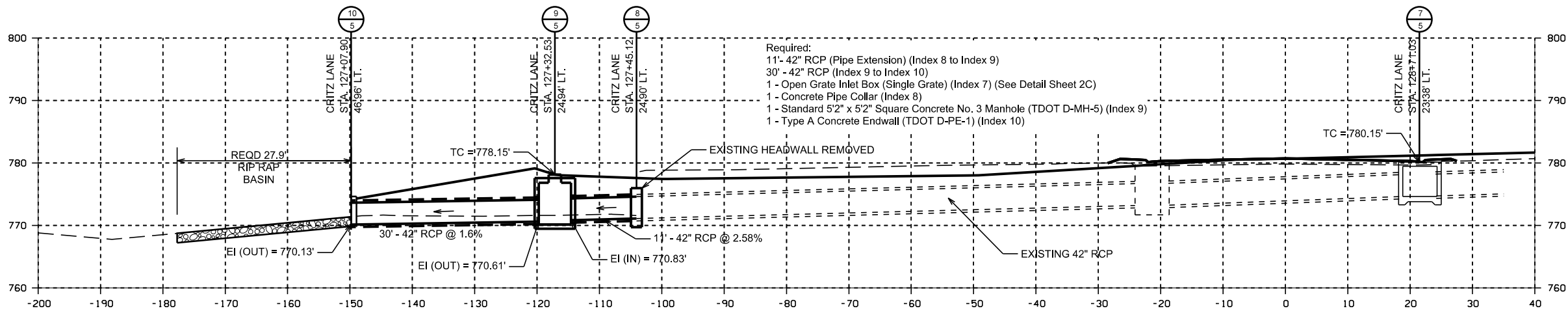
PRELIMINARY
NOT FOR
CONSTRUCTION

DATE

DRAINAGE CROSS SECTIONS - WESTERHAM WAY
CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE



WESTERHAM WAY
10+23



WESTERHAM WAY
10+24

- Required:
- 11' - 42" RCP (Pipe Extension) (Index 8 to Index 9)
 - 30' - 42" RCP (Index 9 to Index 10)
 - 1 - Open Grate Inlet Box (Single Grate) (Index 7) (See Detail Sheet 2C)
 - 1 - Concrete Pipe Collar (Index 8)
 - 1 - Standard 5'2" x 5'2" Square Concrete No. 3 Manhole (TDOT D-MH-5) (Index 9)
 - 1 - Type A Concrete Endwall (TDOT D-PE-1) (Index 10)



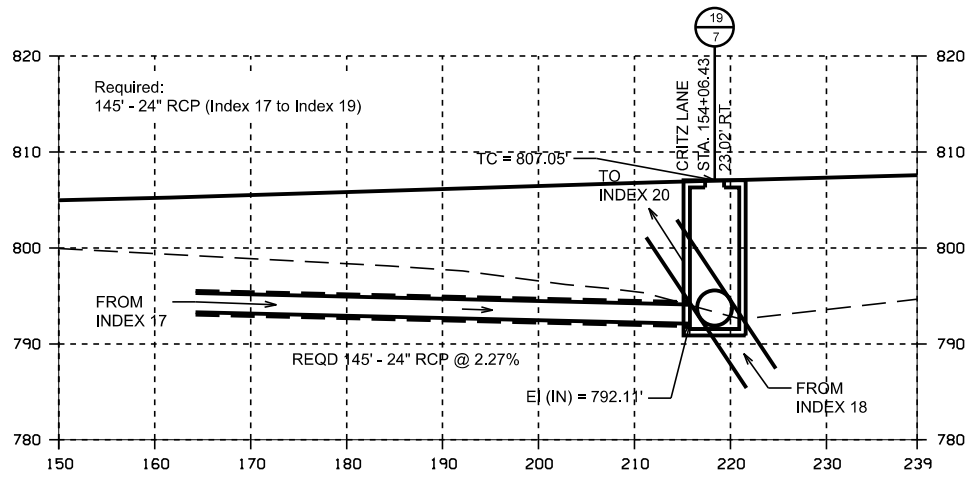
DR.	CHK.	DATE	DESCRIPTION
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JK	JK	05-22-2018	REVIEW SET

PRELIMINARY
NOT FOR
CONSTRUCTION

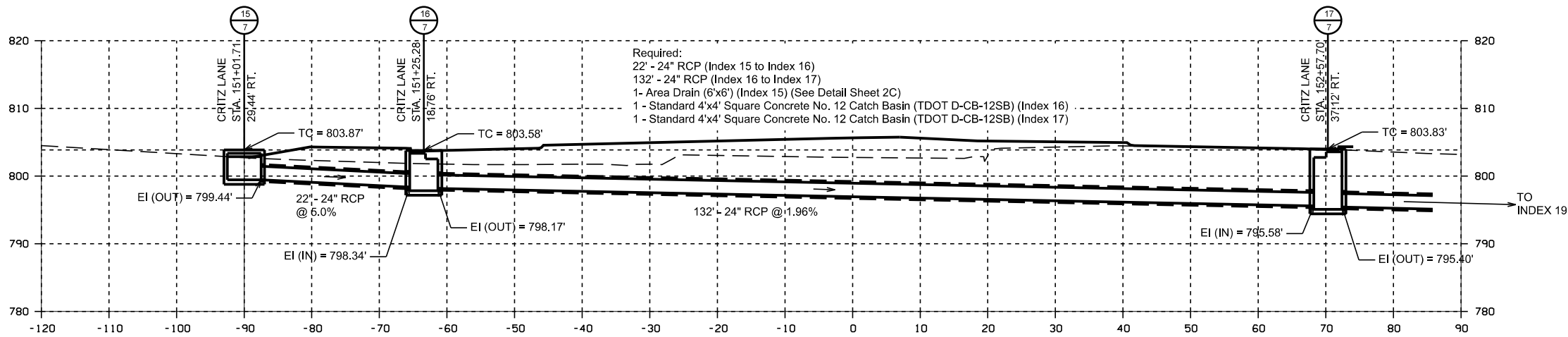
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DRAINAGE CROSS SECTIONS - CLAYTON ARNOLD

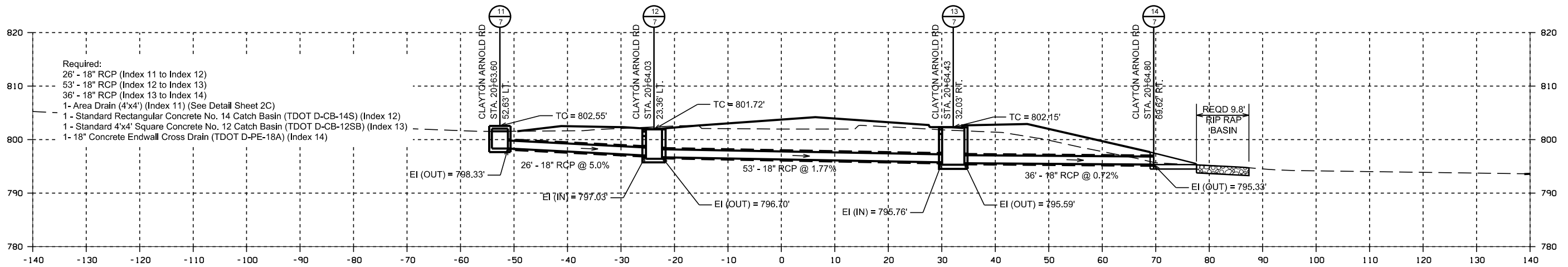
CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE



CLAYTON ARNOLD ROAD
19+68



CLAYTON ARNOLD ROAD
19+72



CLAYTON ARNOLD ROAD
20+64



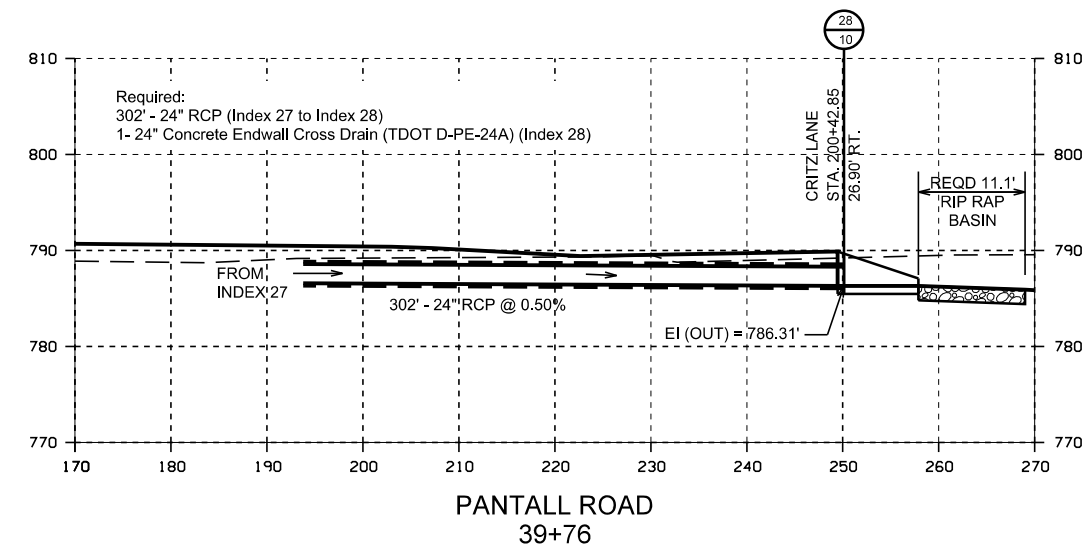
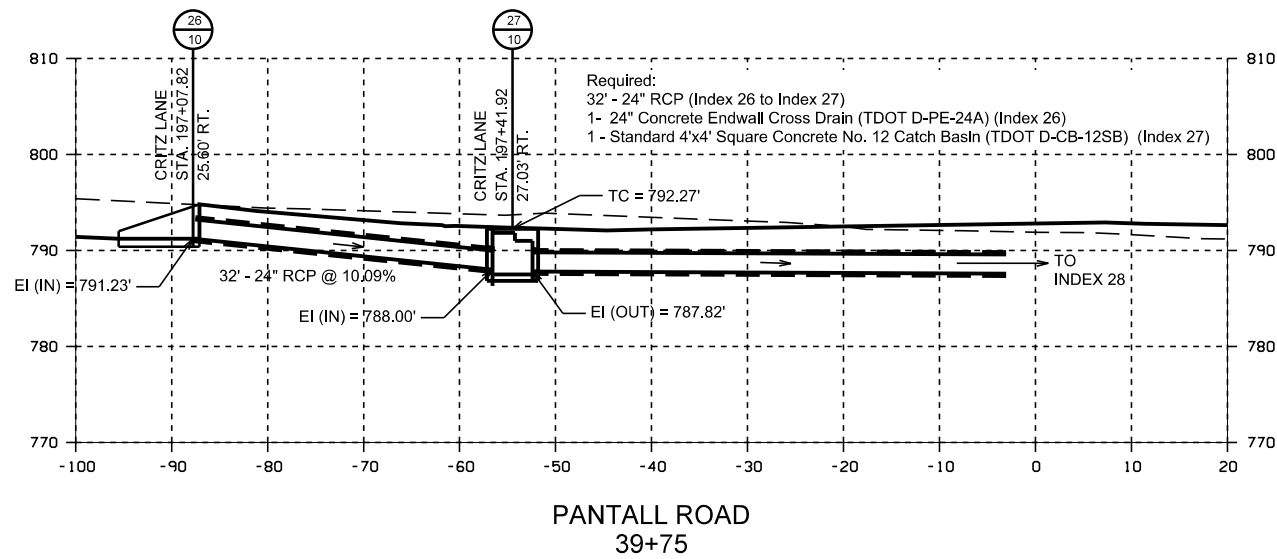
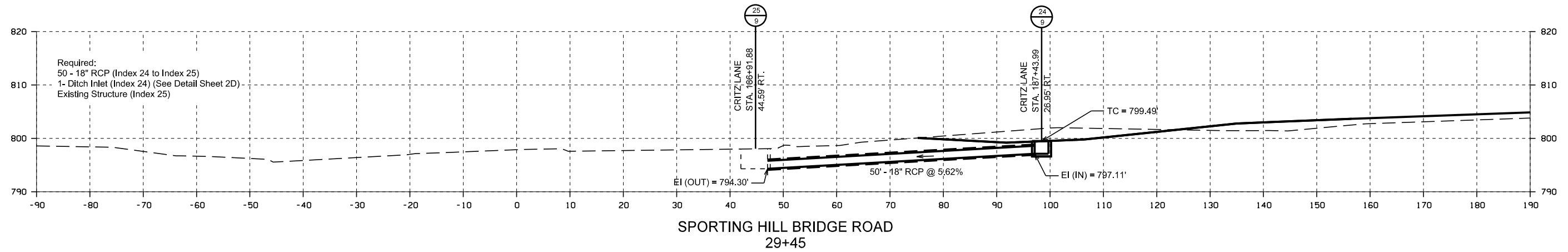
DR.	CHK.	DATE	DESCRIPTION
JK	JK	05/21/2017	ISSUED FOR 30% REVIEW
JK	JK	05/22/2018	REVIEW SET

PRELIMINARY
NOT FOR
CONSTRUCTION

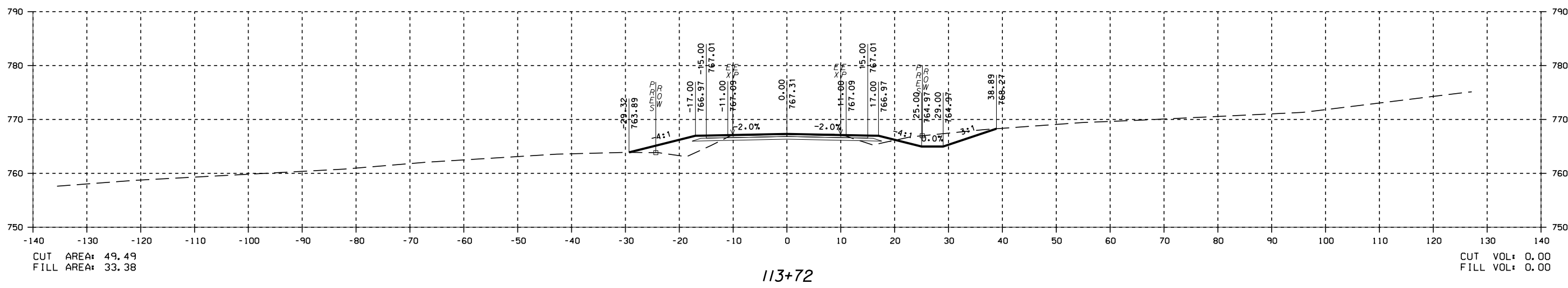
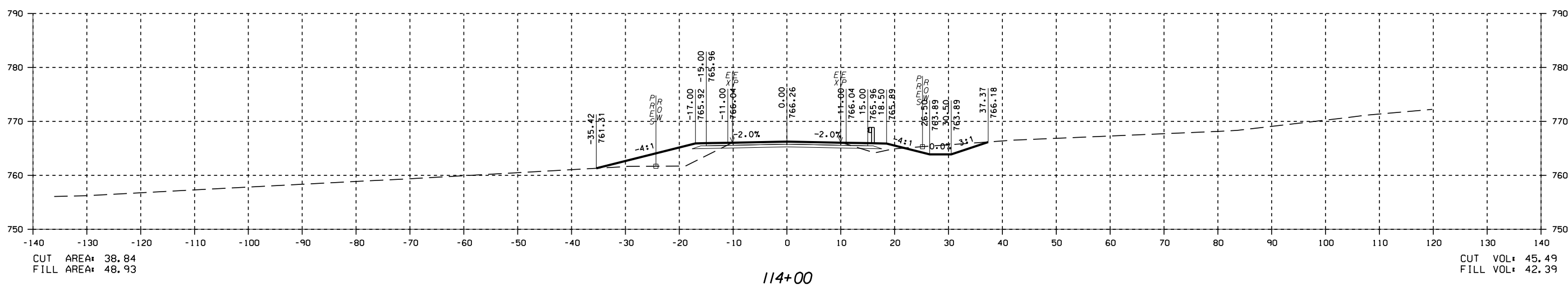
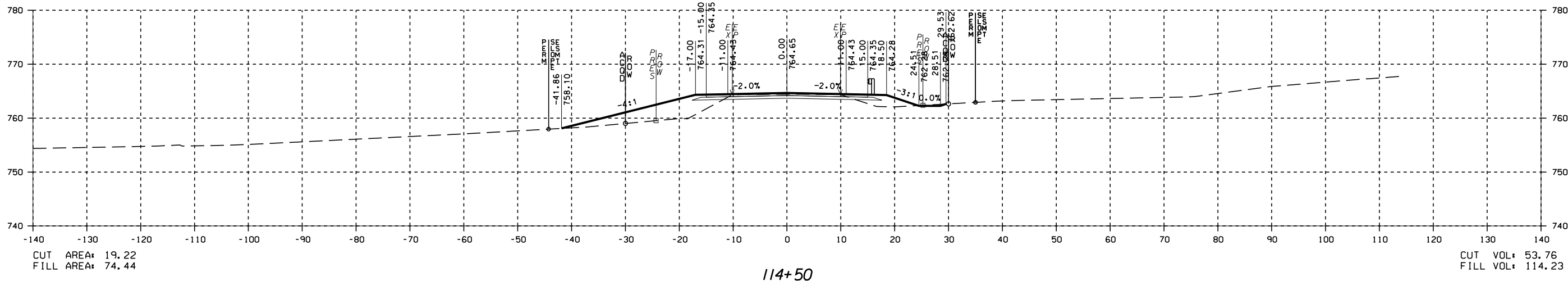
DATE _____

DRAINAGE CROSS SECTIONS - PANTALL ROAD

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE



DR.	CHK.	DATE	DESCRIPTION
	JK	05-12-2017	ISSUED FOR 30% REVIEW
	JK	05-23-2018	REVIEW SET



PRELIMINARY
NOT FOR
CONSTRUCTION

DATE _____

CROSS SECTIONS - CRITZ LANE
CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

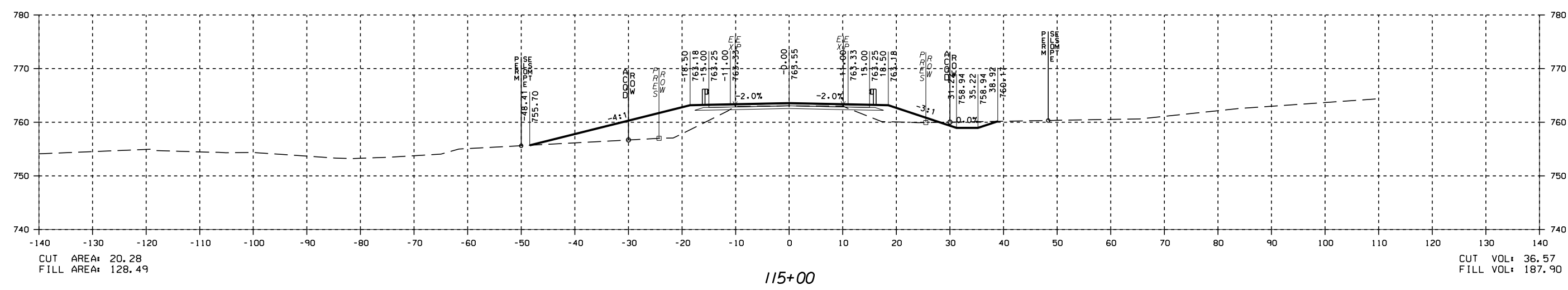
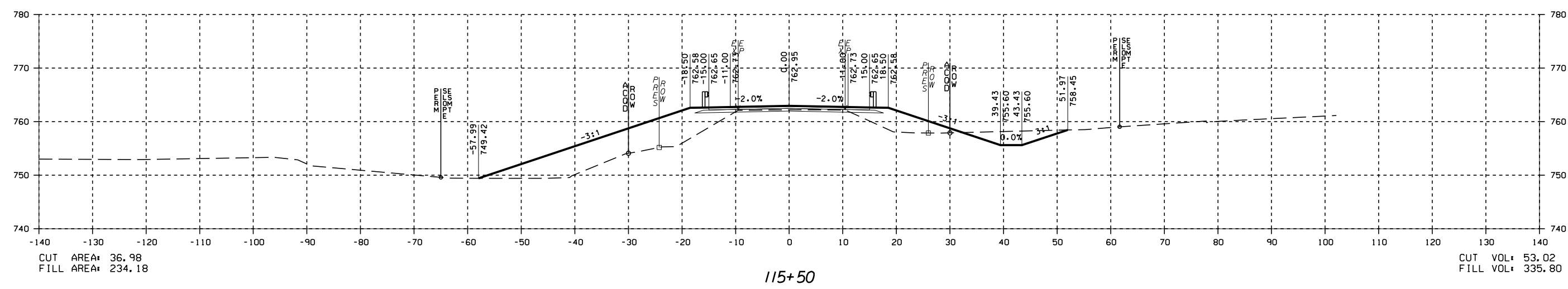
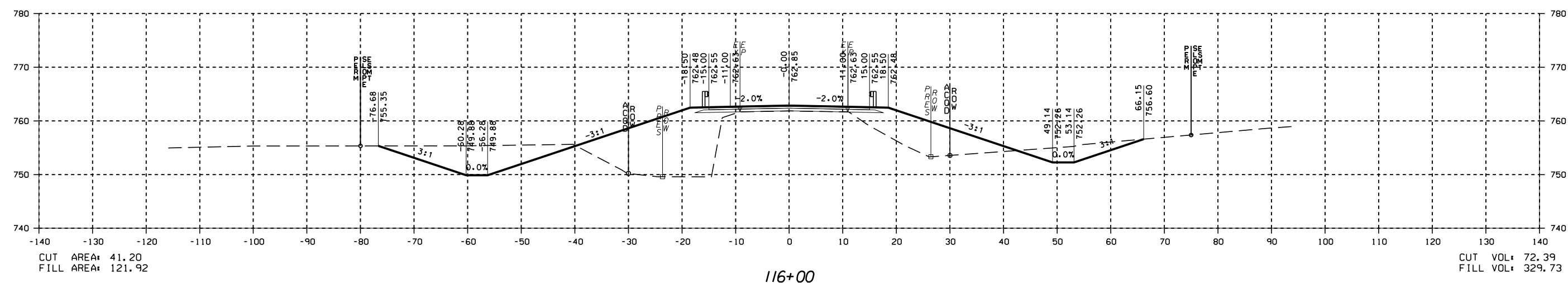
REV	DATE	DESCRIPTION
1	05/20/17	ISSUED FOR 30% REVIEW
2	08/25/18	REVISED SET

PRELIMINARY
NOT FOR
CONSTRUCTION

DATE _____

CROSS SECTIONS - CRITZ LANE
CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DIS.	CHK.	DATE	DESCRIPTION
1	JK	06-21-2017	ISSUED FOR 30% REVIEW
2	JK	08-22-2018	REVIEW SET

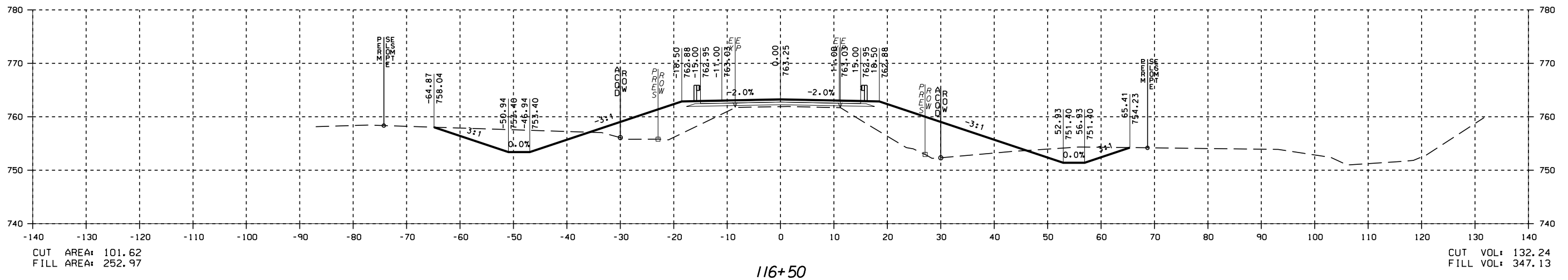
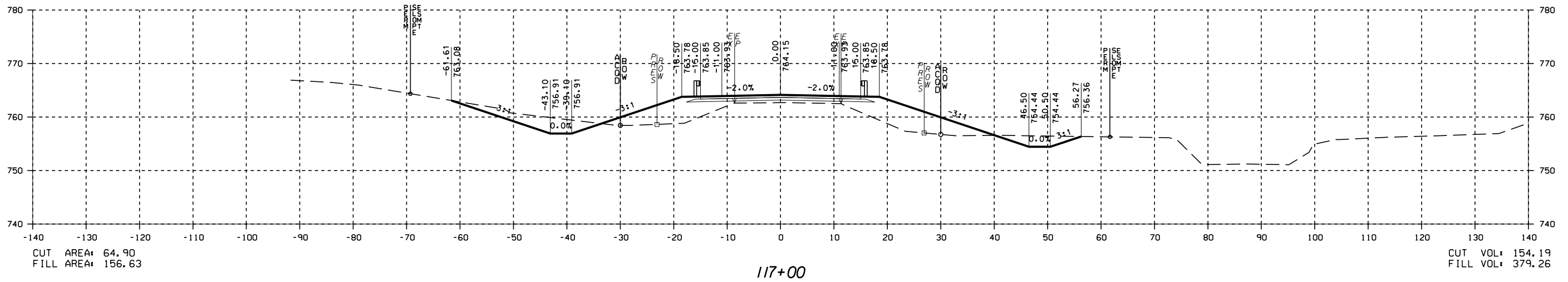


PRELIMINARY
NOT FOR
CONSTRUCTION

DATE _____

CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE



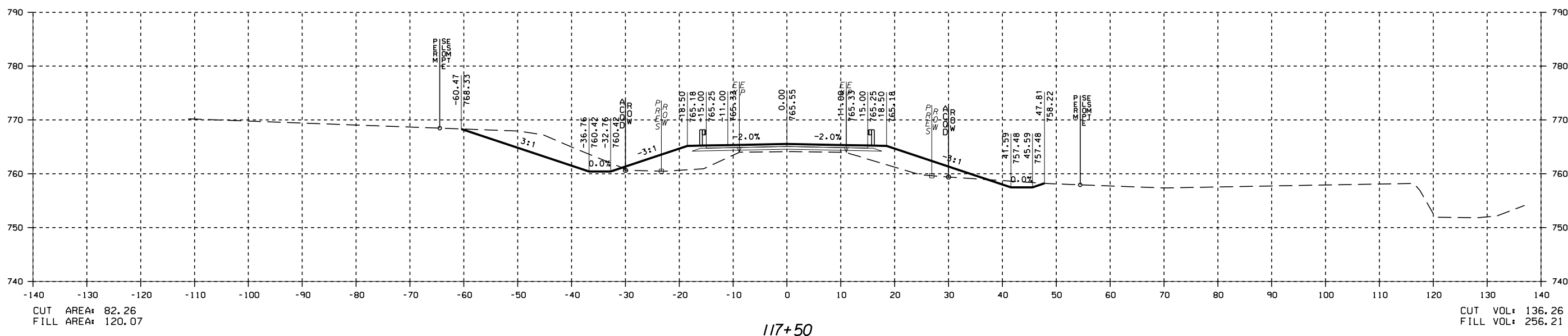
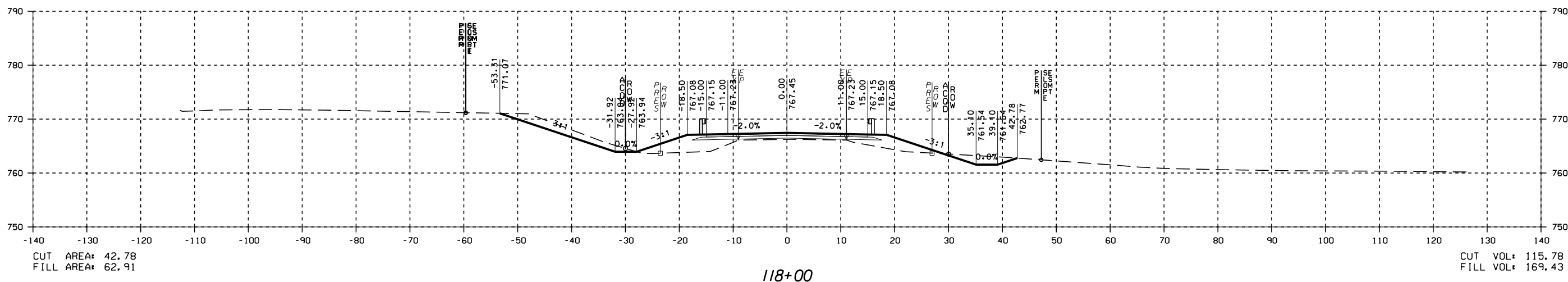
DR.	CHK.	DATE	DESCRIPTION
JK	JK	05-22-2017	ISSUED FOR 30% REVIEW
JK	JK	05-22-2018	REVIEW SET

PRELIMINARY
NOT FOR
CONSTRUCTION

DATE _____

CROSS SECTIONS - CRITZ LANE
CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
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JK	JK	08-22-2018	REVIEW SET

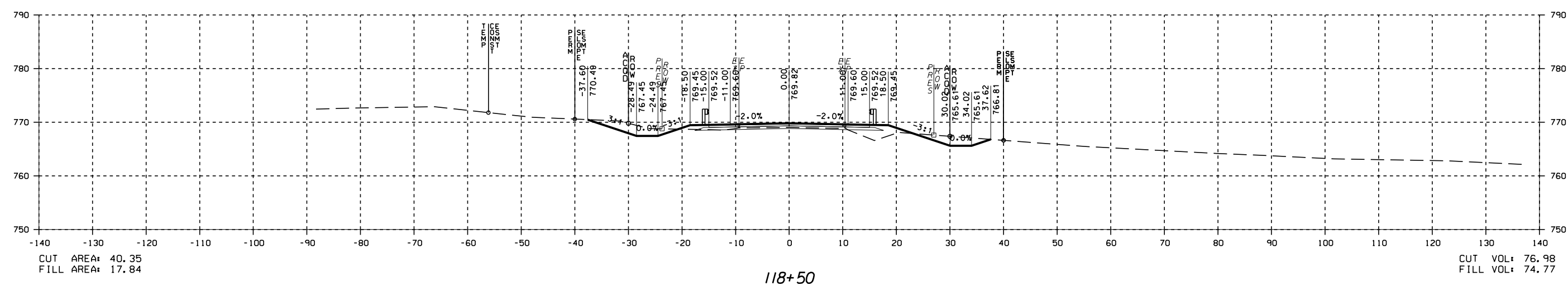
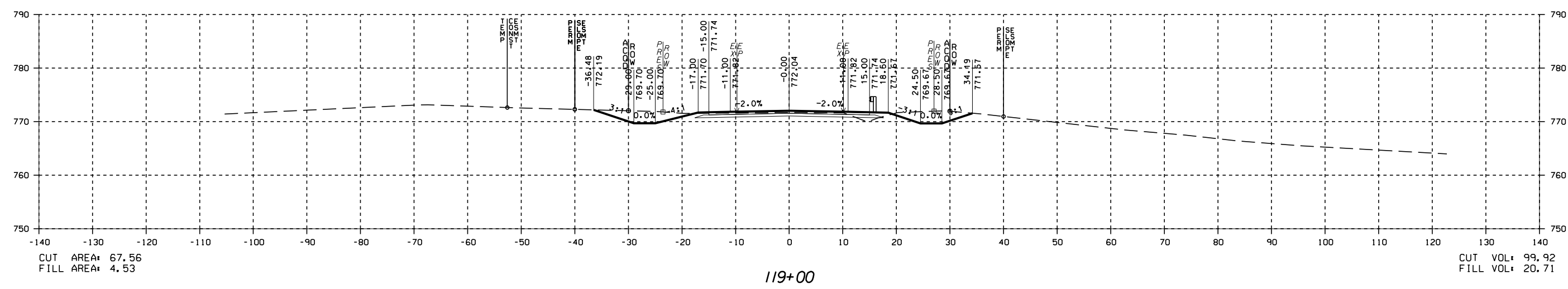
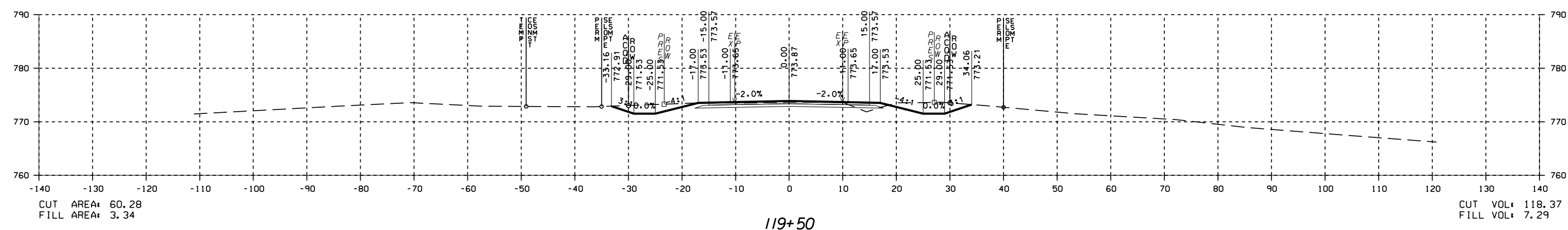


PRELIMINARY
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CONSTRUCTION

DATE

CROSS SECTIONS - CRITZ LANE
CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
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	KP	05-12-2017	REVIEW SET
	JR	05-22-2018	REVIEW SET



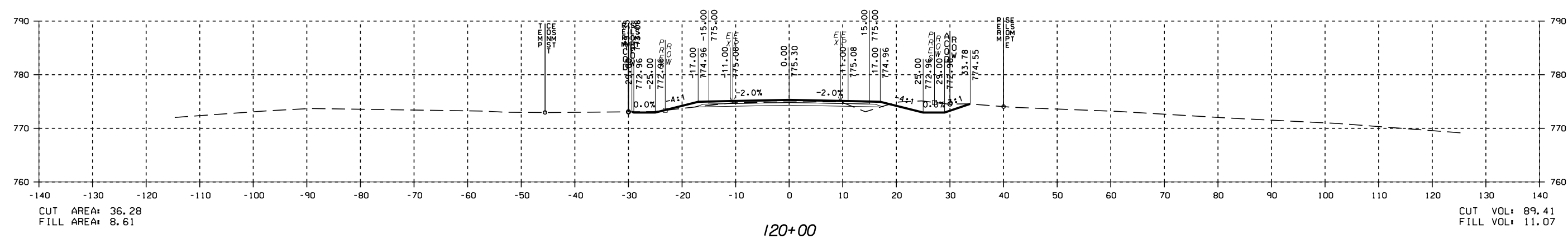
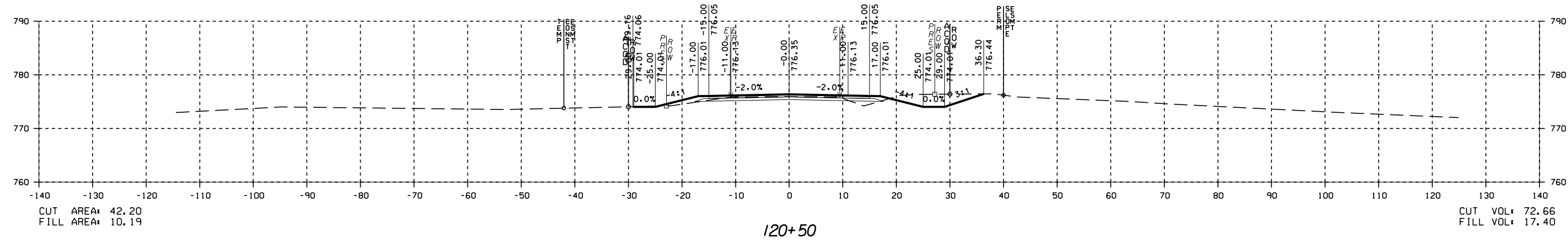
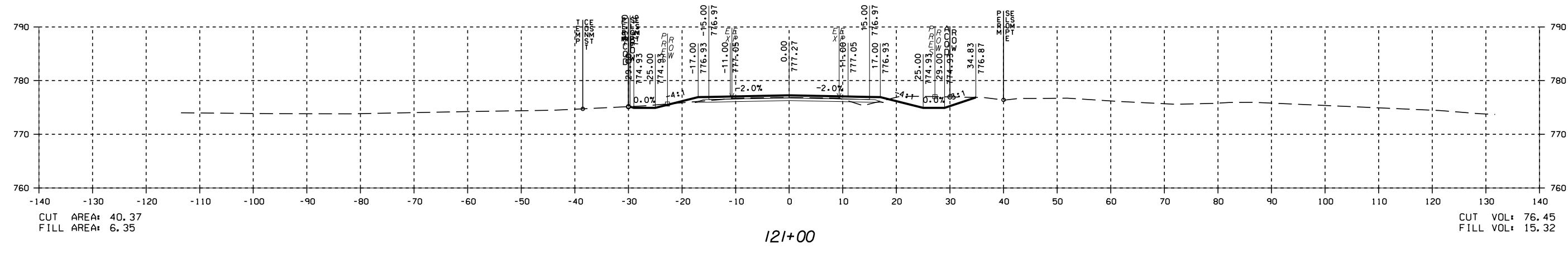
PRELIMINARY
NOT FOR
CONSTRUCTION

DATE

CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
JK	JK	05-12-2017	ISSUED FOR 30% REVIEW
JK	JK	05-22-2018	REVIEW SET



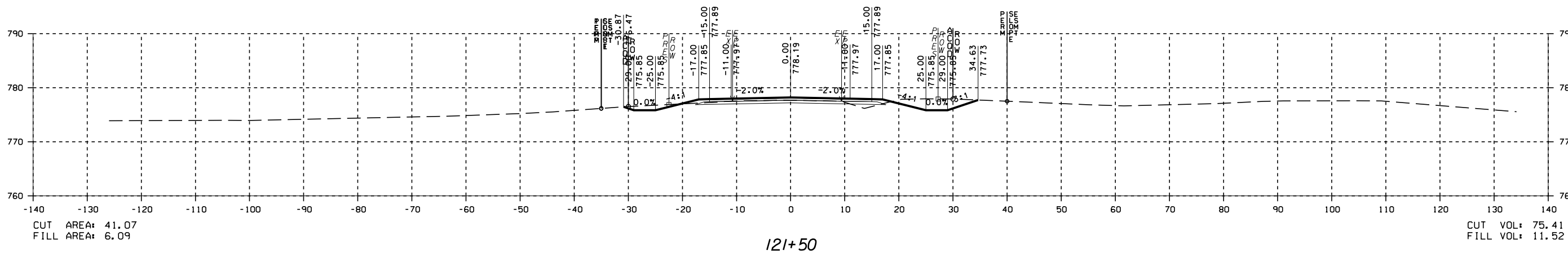
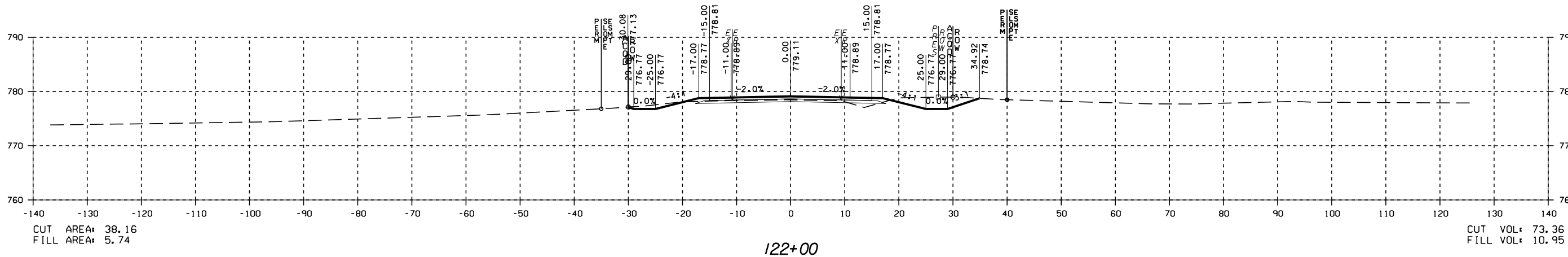
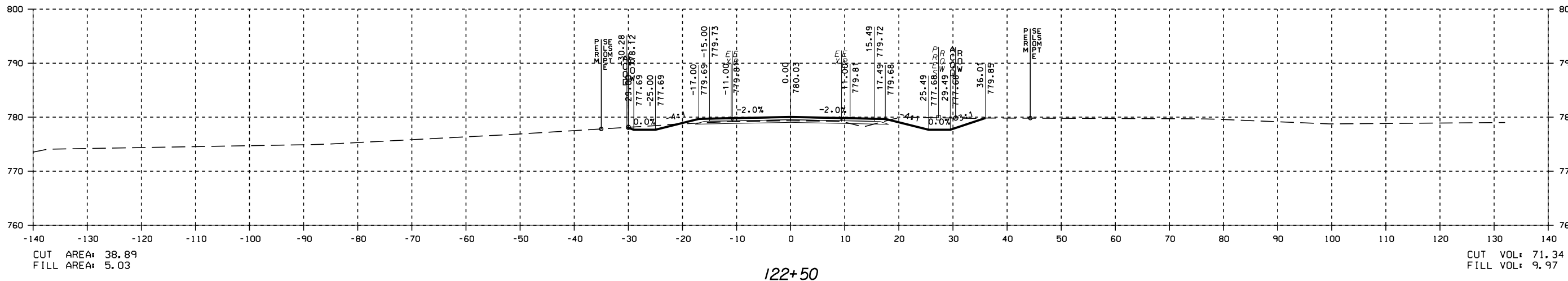
PRELIMINARY
NOT FOR
CONSTRUCTION

DATE

CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
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		05-22-2018	REVIEW SET

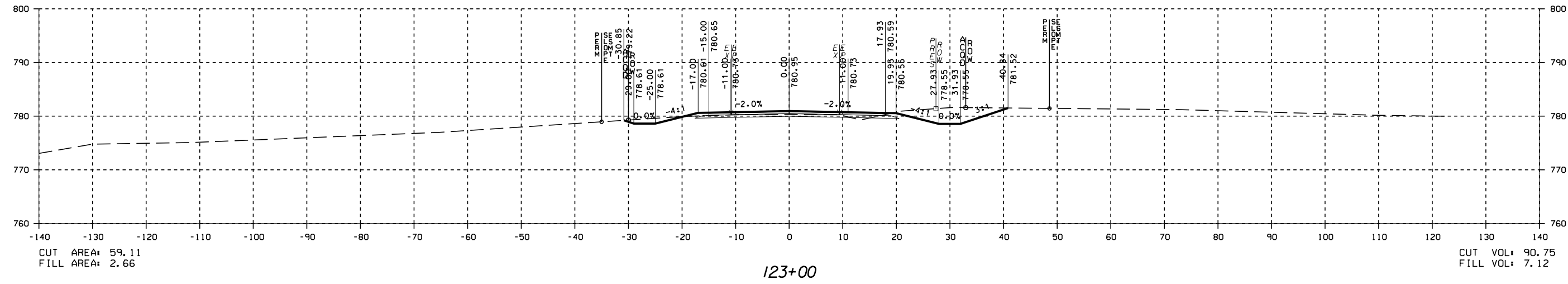
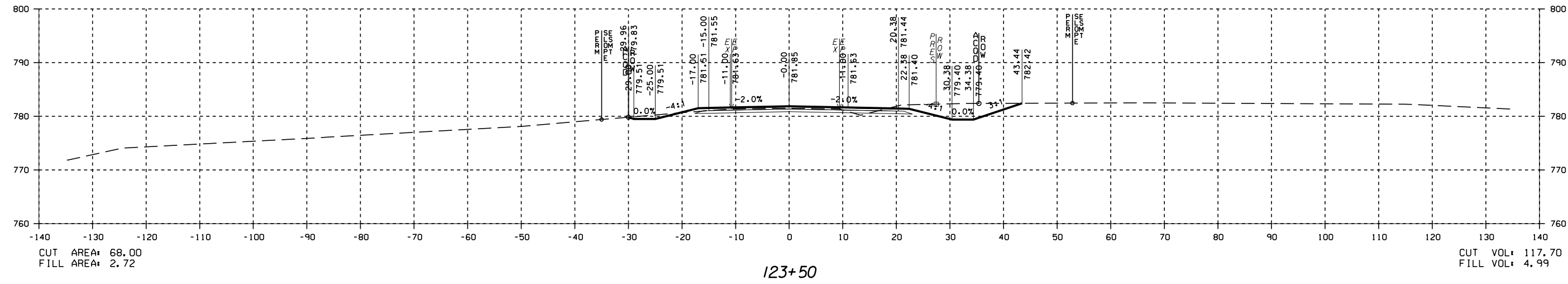
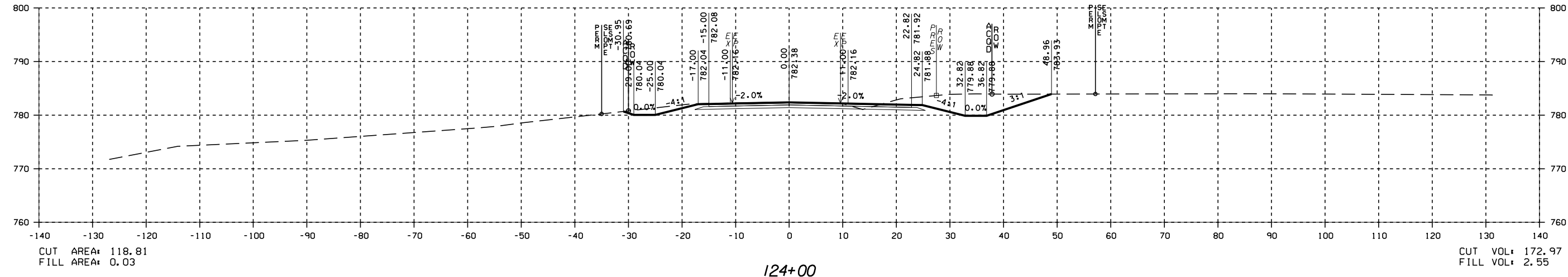


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CONSTRUCTION

CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
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		08-22-2018	REVIEW SET



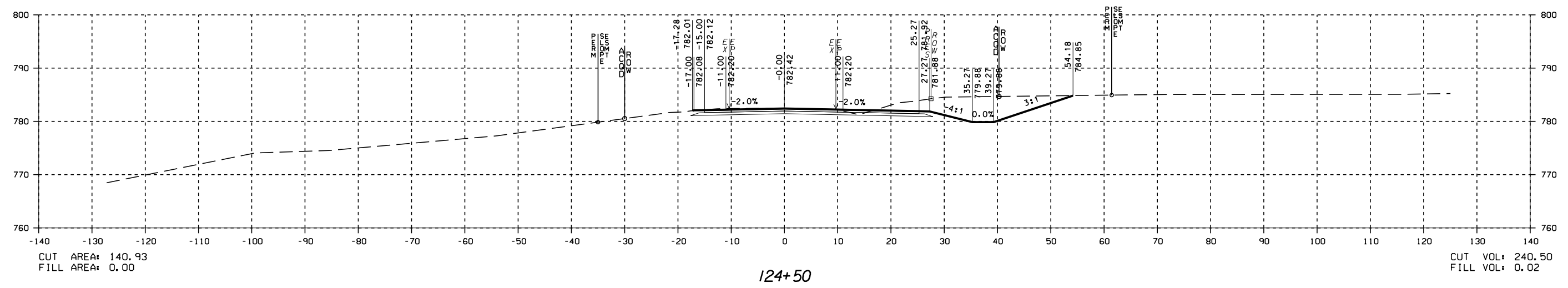
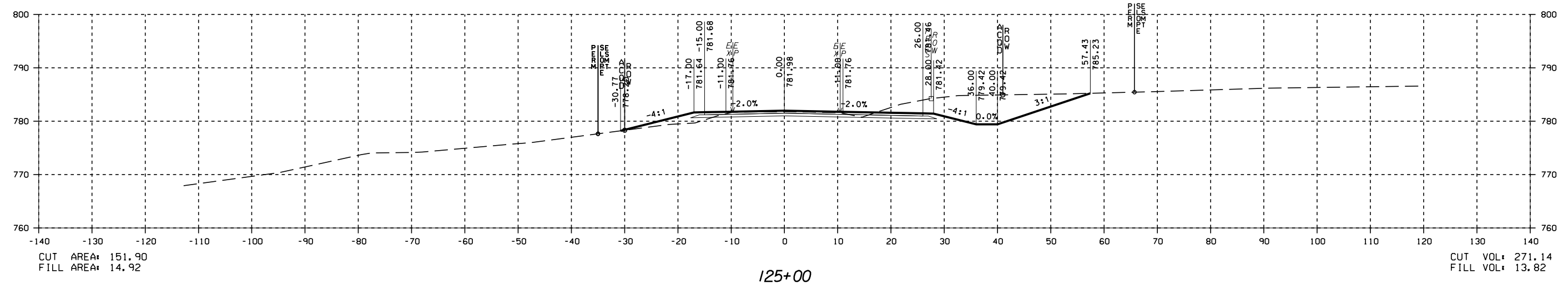
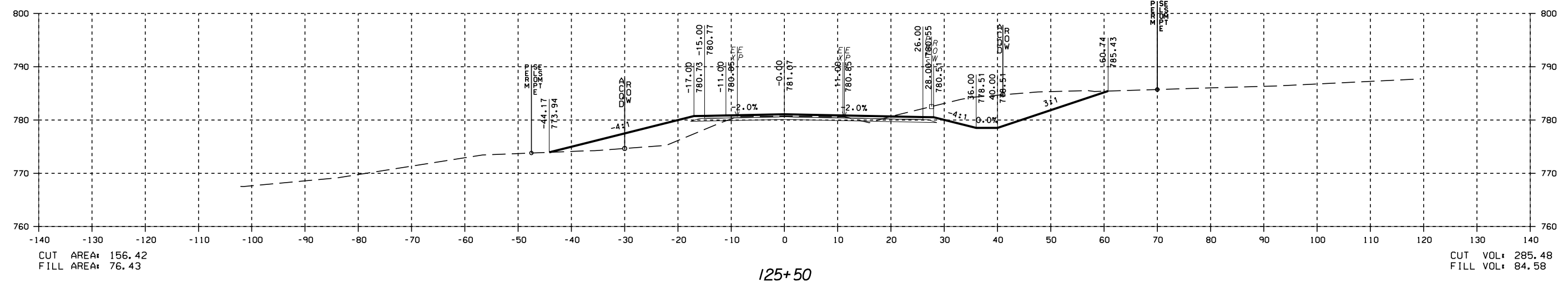
PRELIMINARY
NOT FOR
CONSTRUCTION

DATE

CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS TOWN OF THOMPSON'S STATION THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
JK	JK	05-12-2017	ISSUED FOR 30% REVIEW
JK	JK	05-25-2018	REVIEW SET

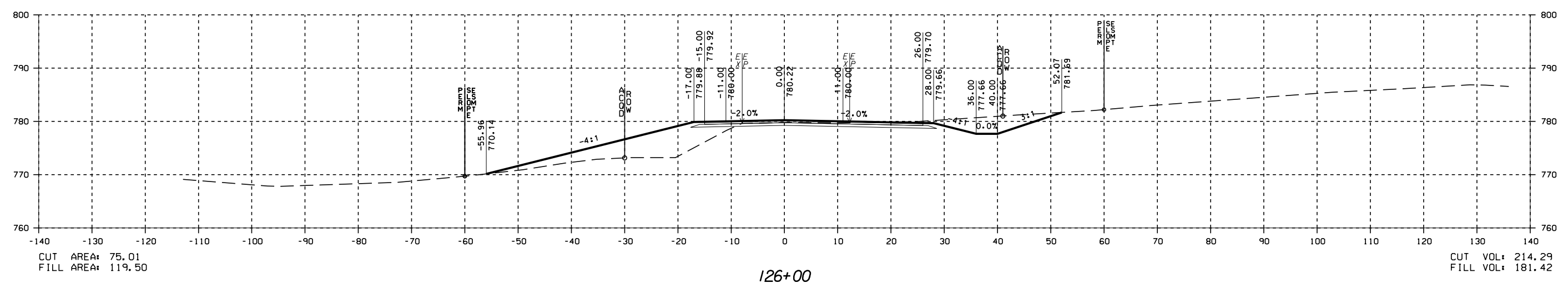
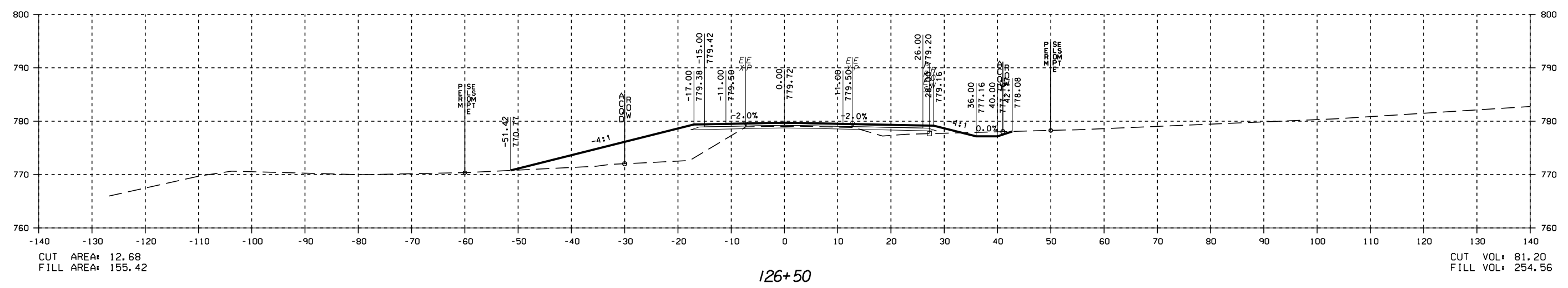
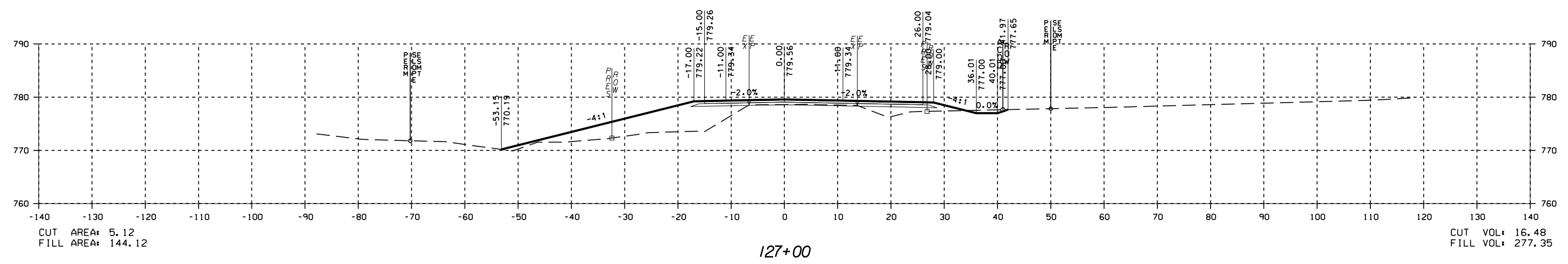


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DATE _____

CROSS SECTIONS - CRITZ LANE
CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
		05/21/2017	ISSUED FOR 30% REVIEW
		05/22/2018	REVIEW SET

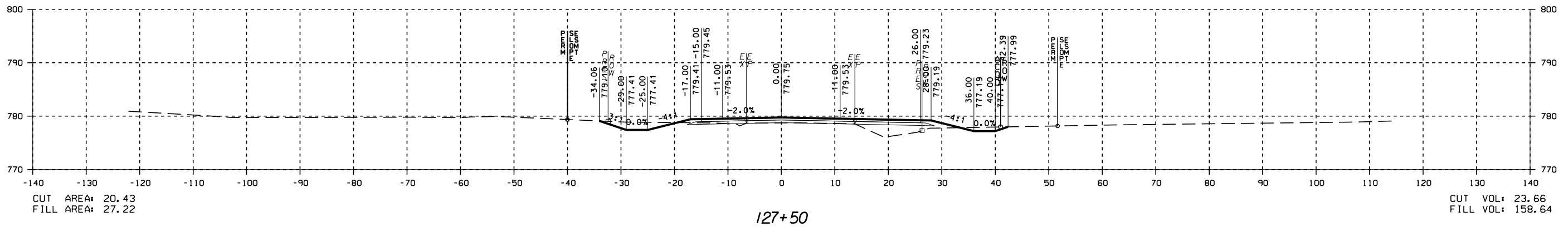
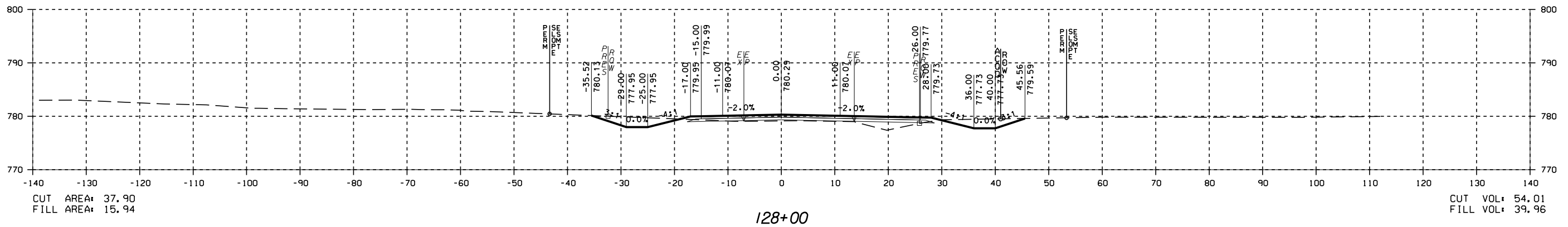
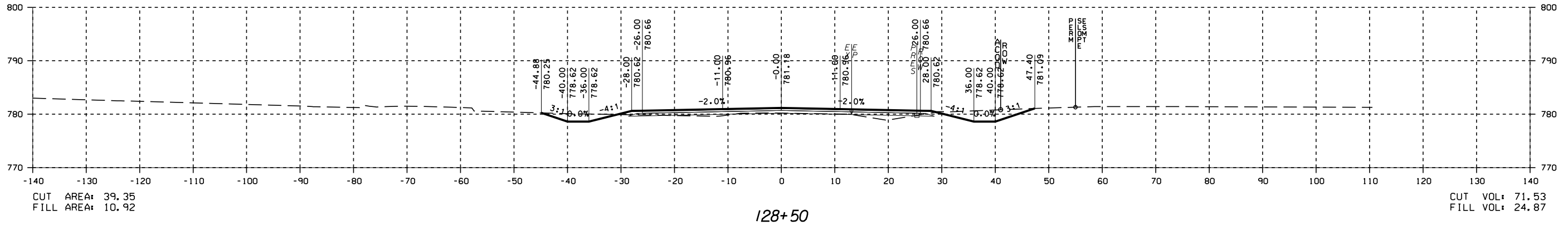


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CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE



DR.	CHK.	DATE	DESCRIPTION
JK	JK	05-12-2017	ISSUED FOR 30% REVIEW
JK	JK	05-22-2018	REVIEW SET

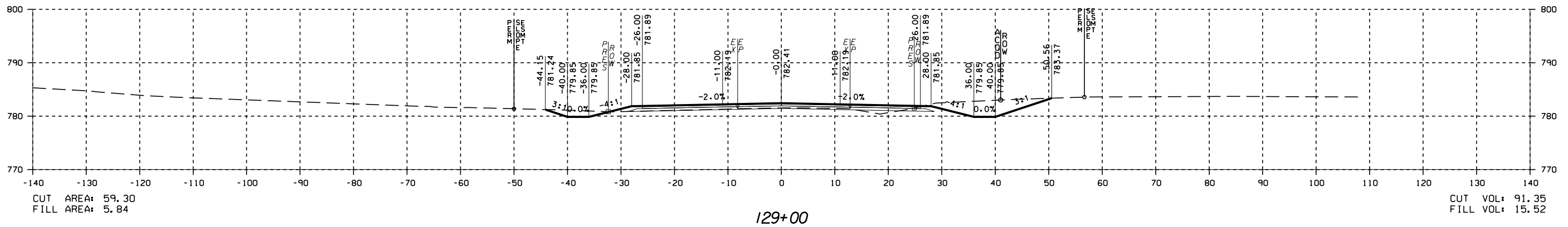
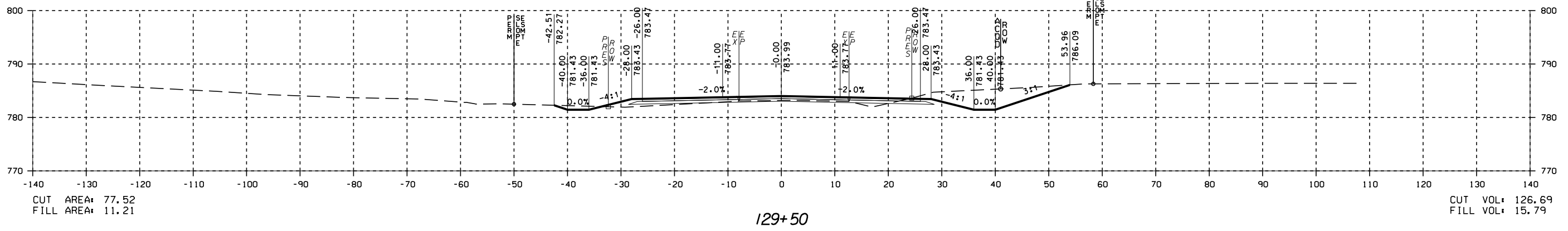
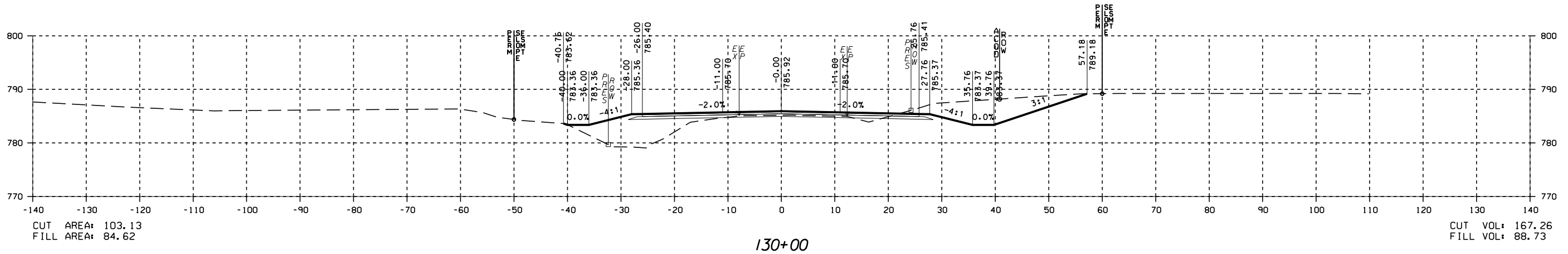
PRELIMINARY
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CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
	JK	05-21-2017	ISSUED FOR 30% REVIEW
	JK	05-22-2018	REVIEW SET

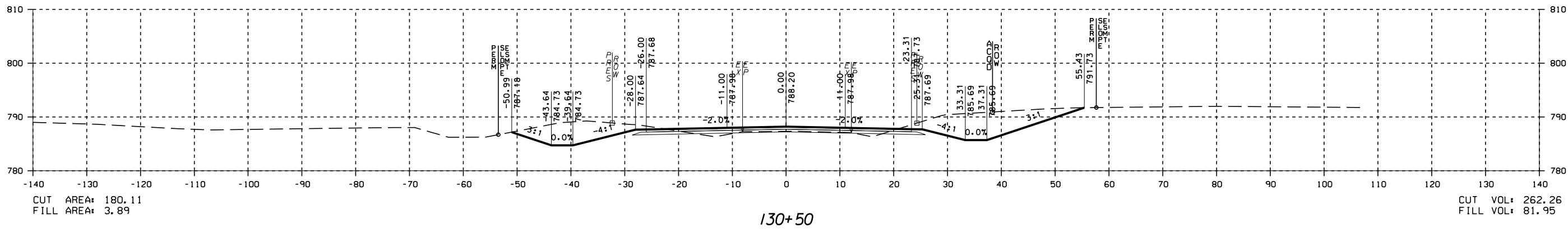
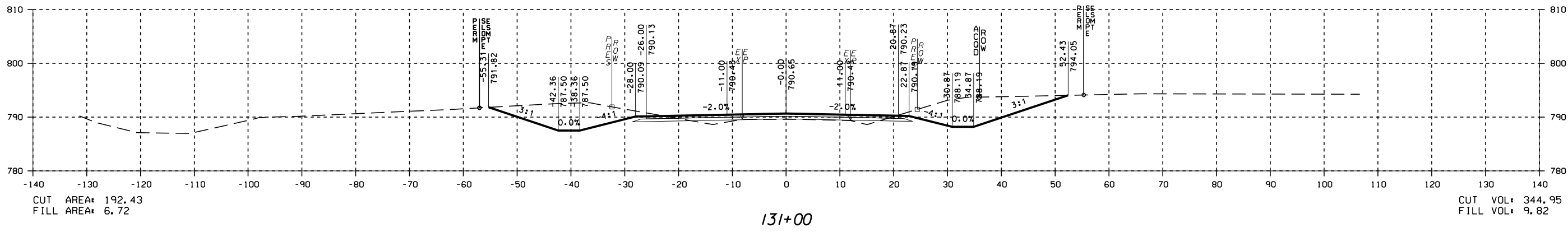
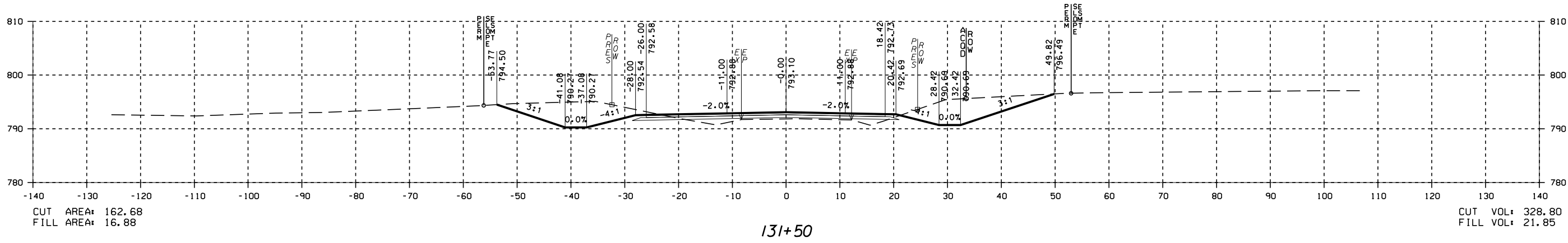


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CROSS SECTIONS - CRITZ LANE
CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION

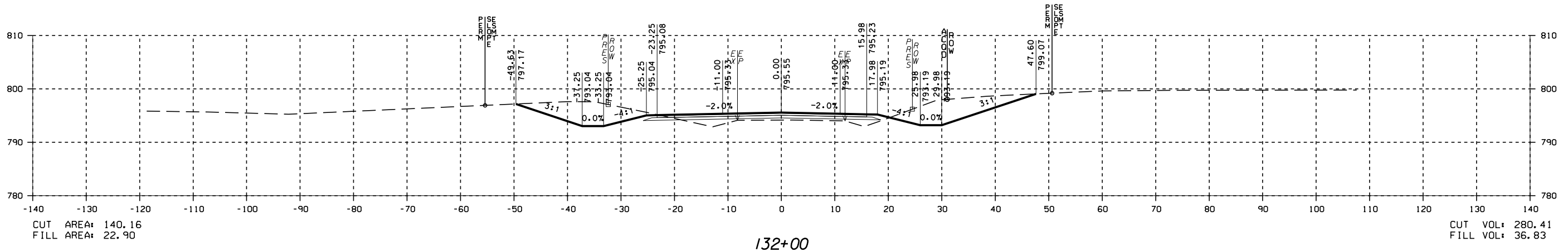
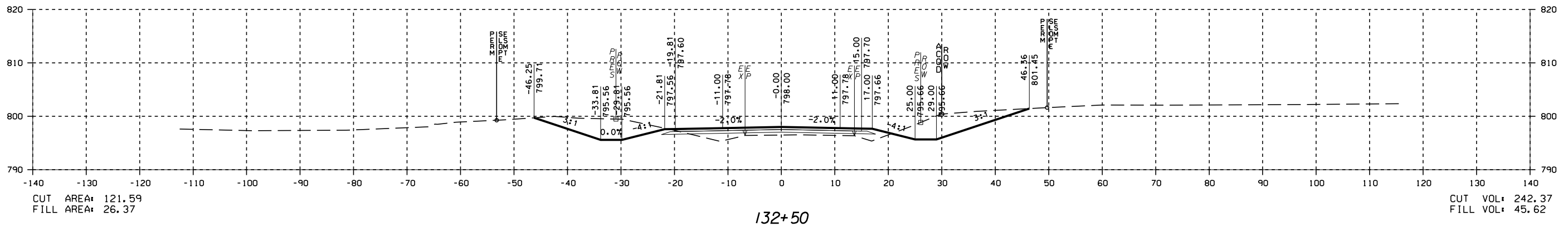
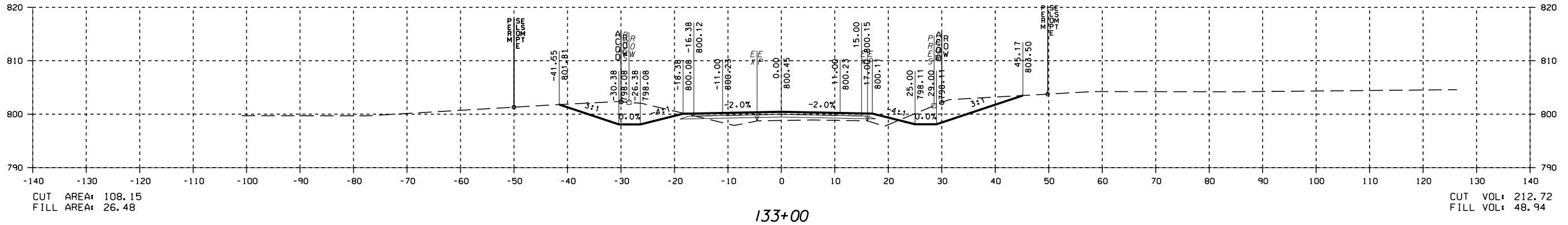


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CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

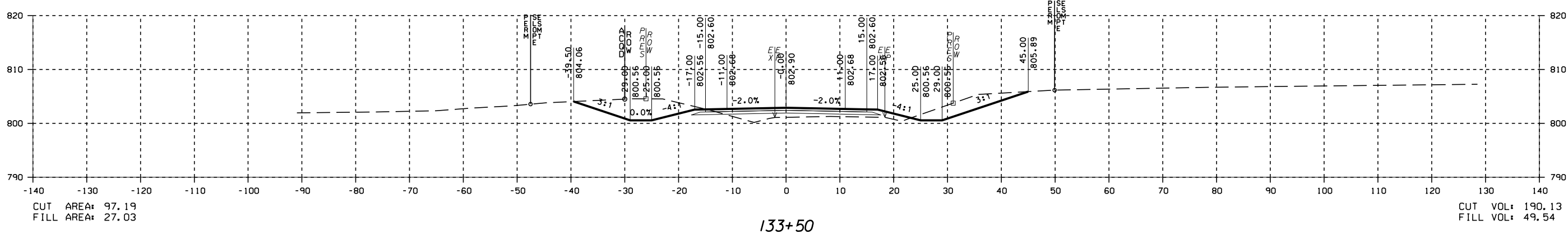
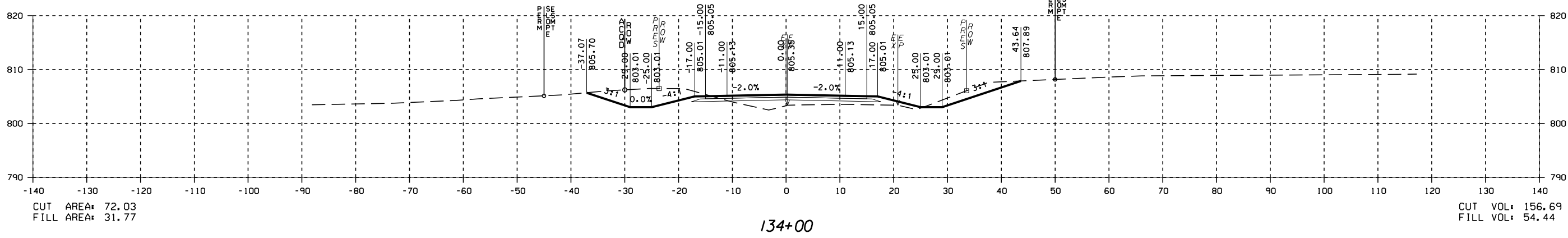
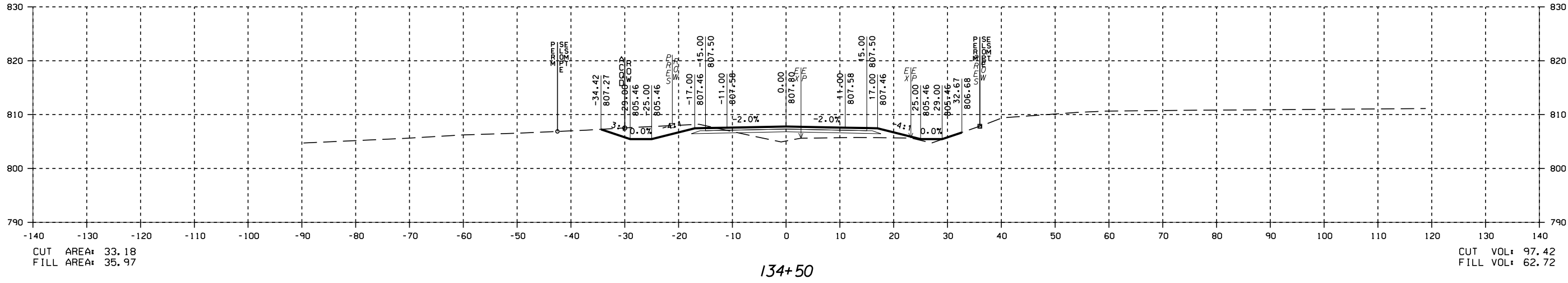


DR.	CHK.	DATE	DESCRIPTION
JK	JK	05-21-2017	ISSUED FOR 30% REVIEW
JK	JK	05-22-2018	REVIEW SET

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DATE _____

CROSS SECTIONS - CRITZ LANE
CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
JK	JK	05/15/2017	ISSUED FOR 30% REVIEW
JK	JK	05/22/2018	REVIEW SET

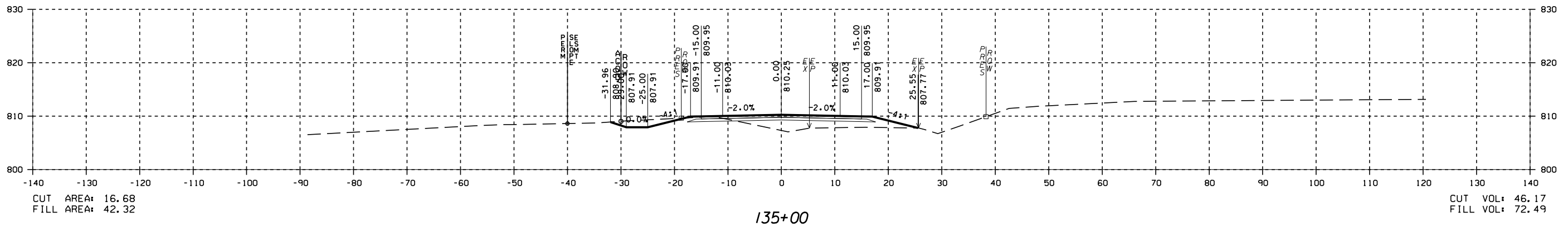
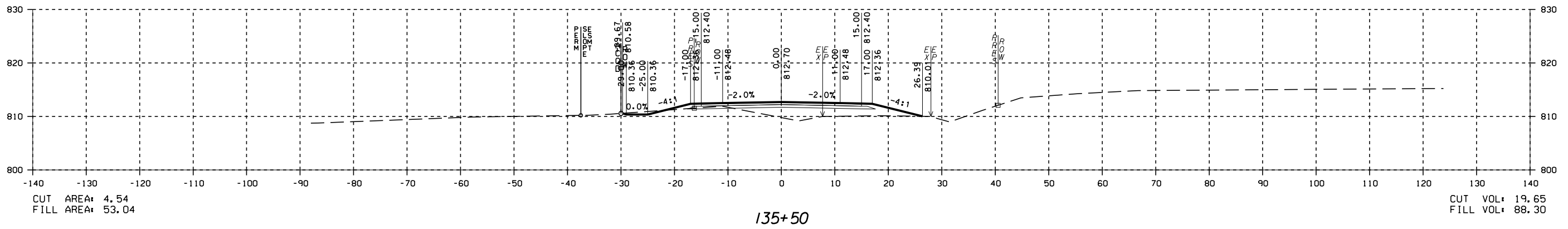
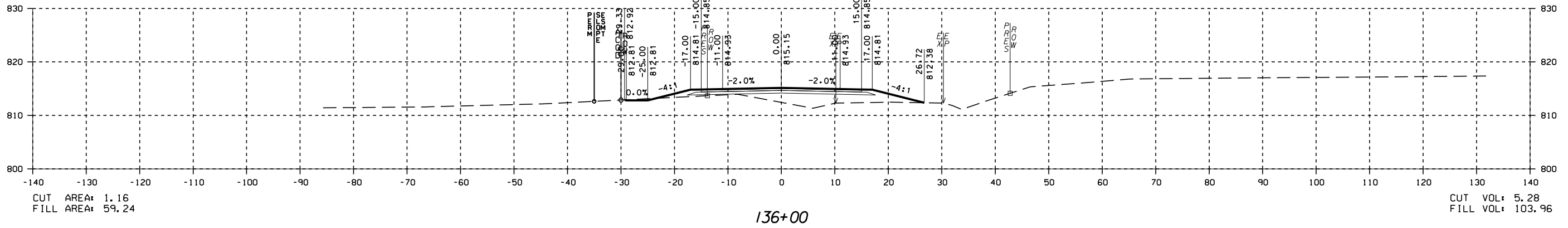


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CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

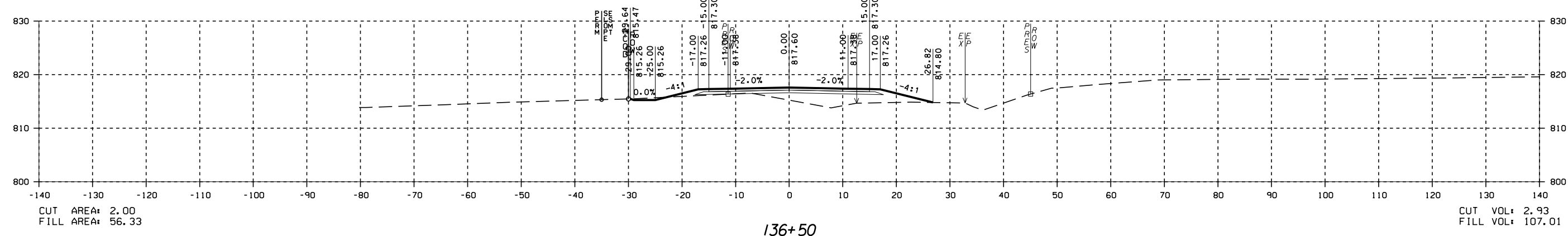
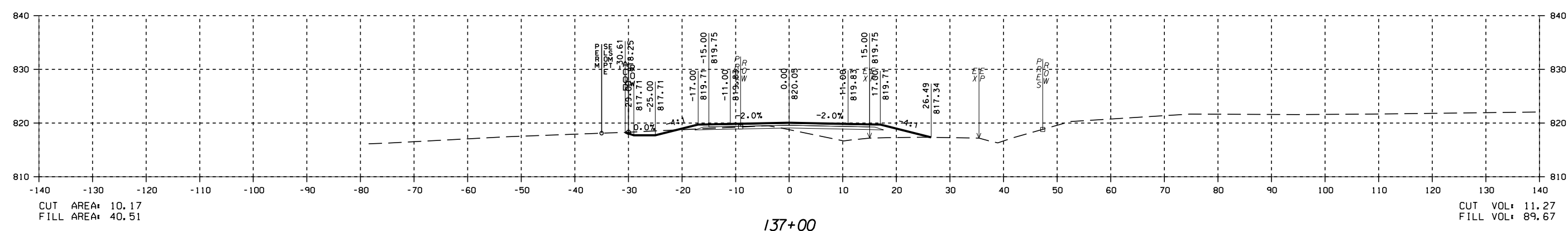
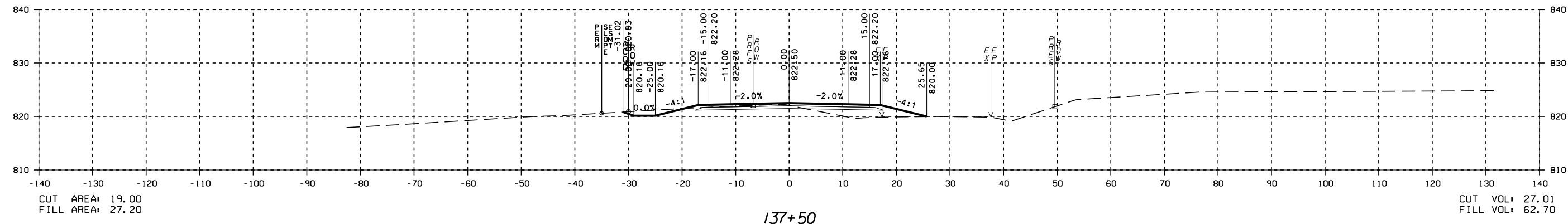


DR.	CHK.	DATE	DESCRIPTION
JK	JK	05-12-2017	ISSUED FOR 30% REVIEW
JK	JK	05-22-2018	REVIEW SET

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CROSS SECTIONS - CRITZ LANE
CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

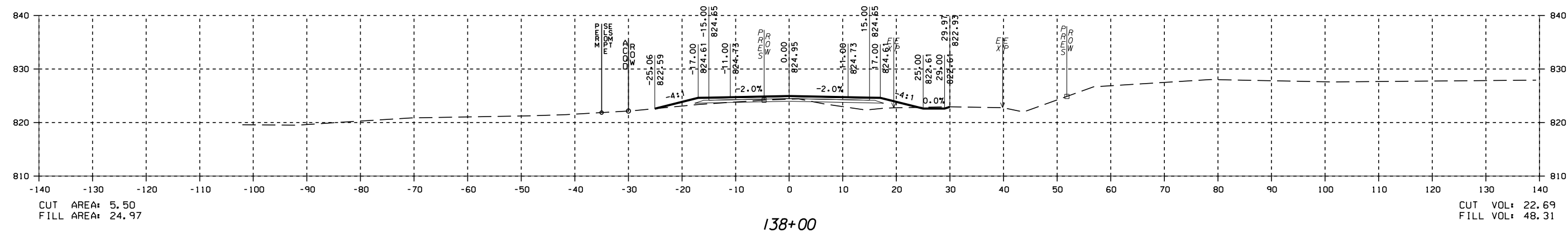
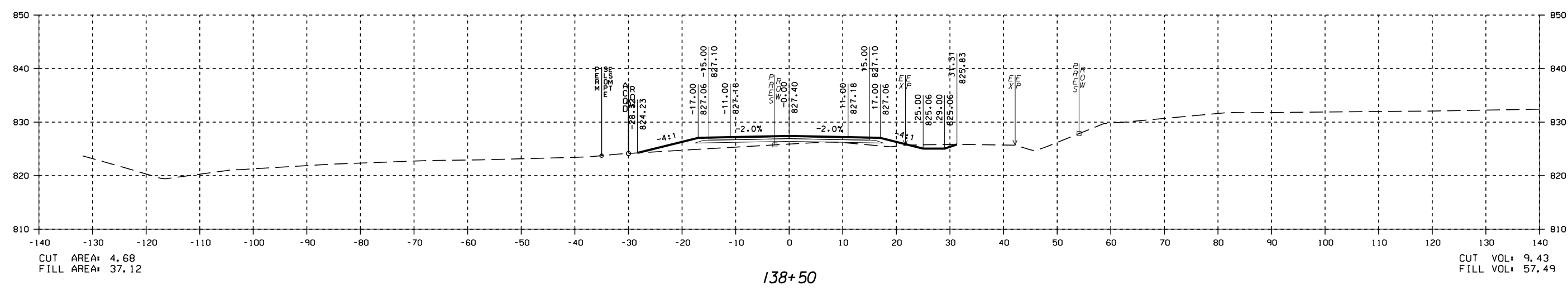
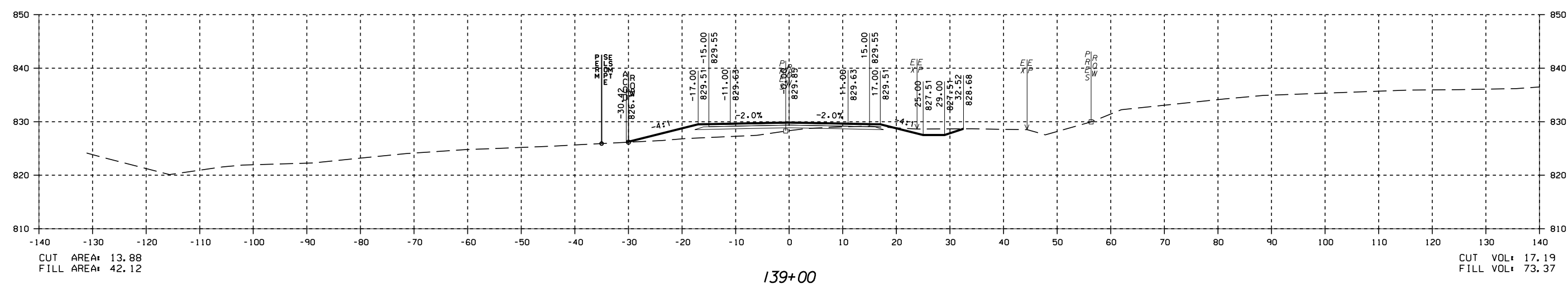


CHK.	DATE	DESCRIPTION
JK	05-12-2017	ISSUED FOR 30% REVIEW
JK	05-22-2018	REVIEW SET

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CROSS SECTIONS - CRITZ LANE
CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DATE	DESCRIPTION
05-14-2017	ISSUED FOR 30% REVIEW
05-22-2018	REVIEW SET



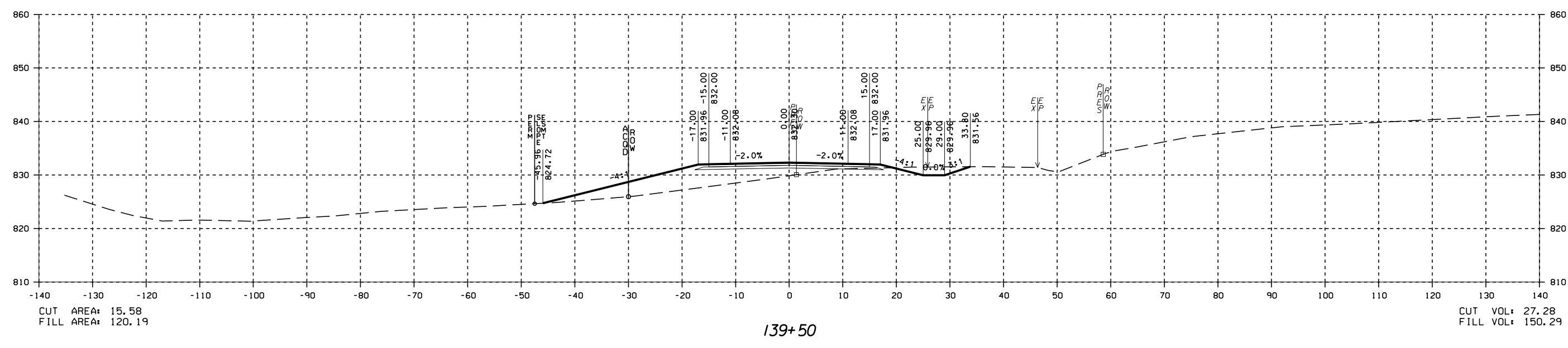
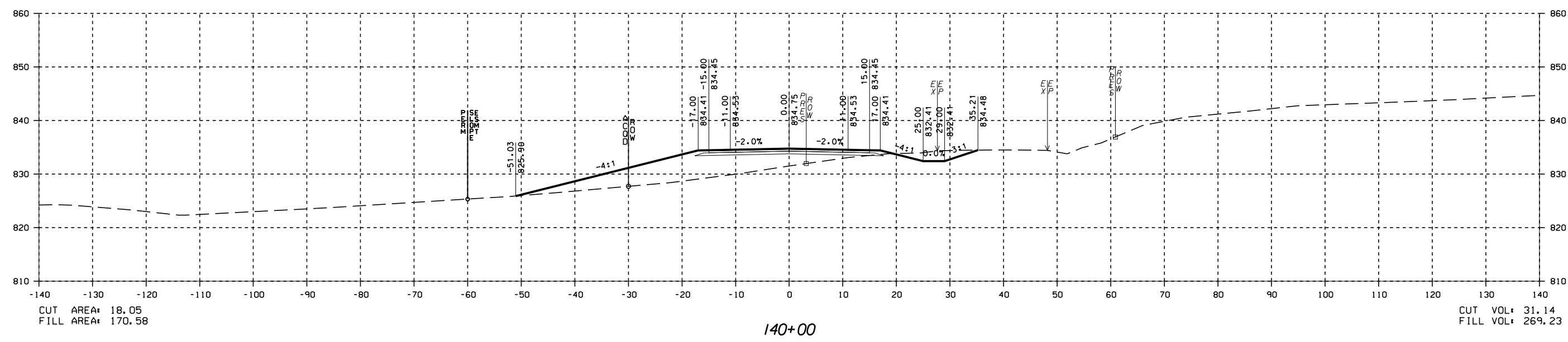
PRELIMINARY
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CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
	JR	05-21-2017	ISSUED FOR 30% REVIEW
	JR	05-25-2018	REVIEW SET

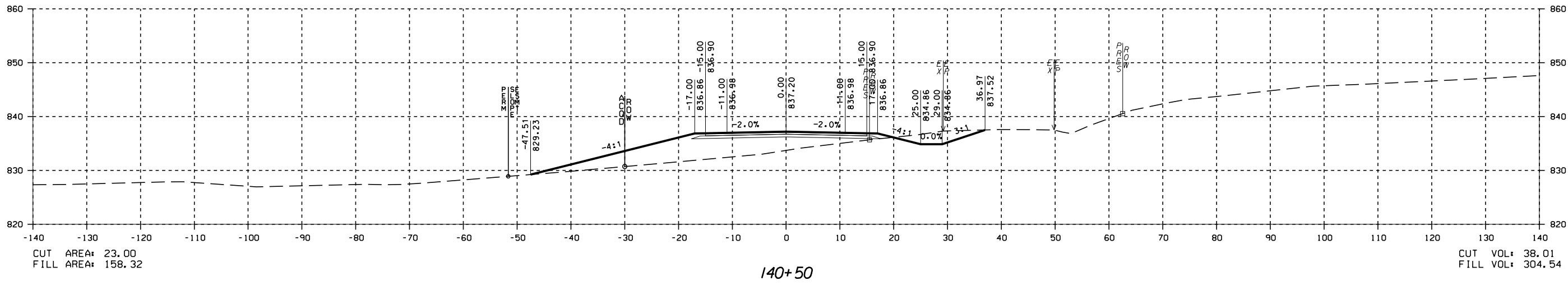
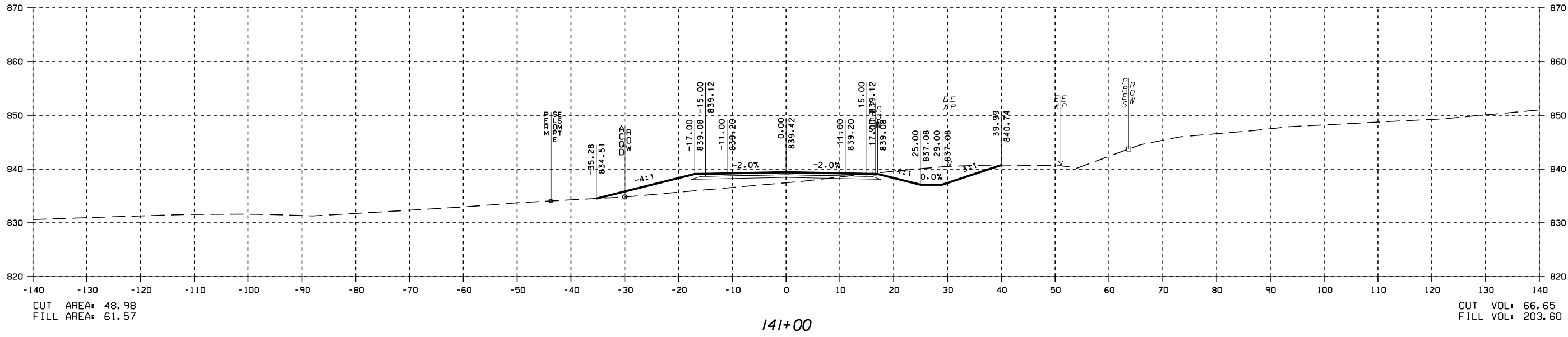


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DATE _____

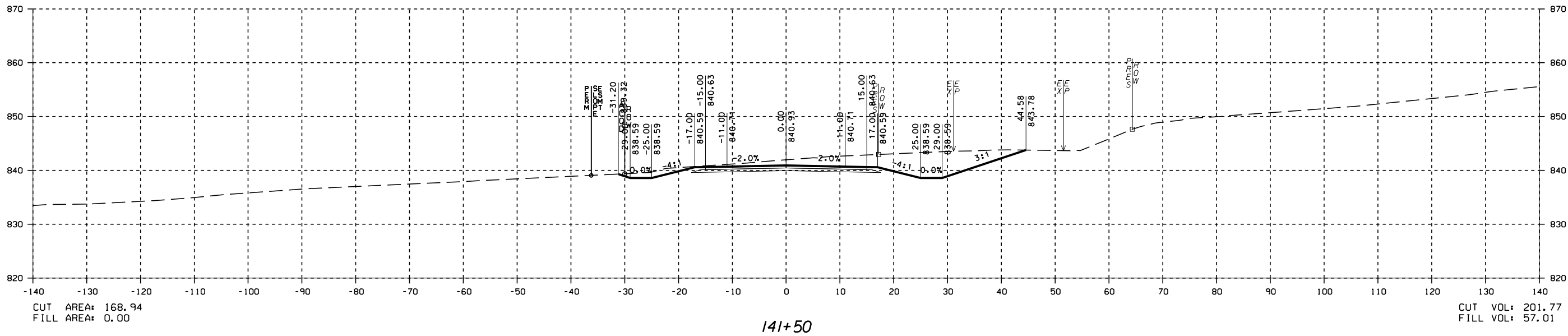
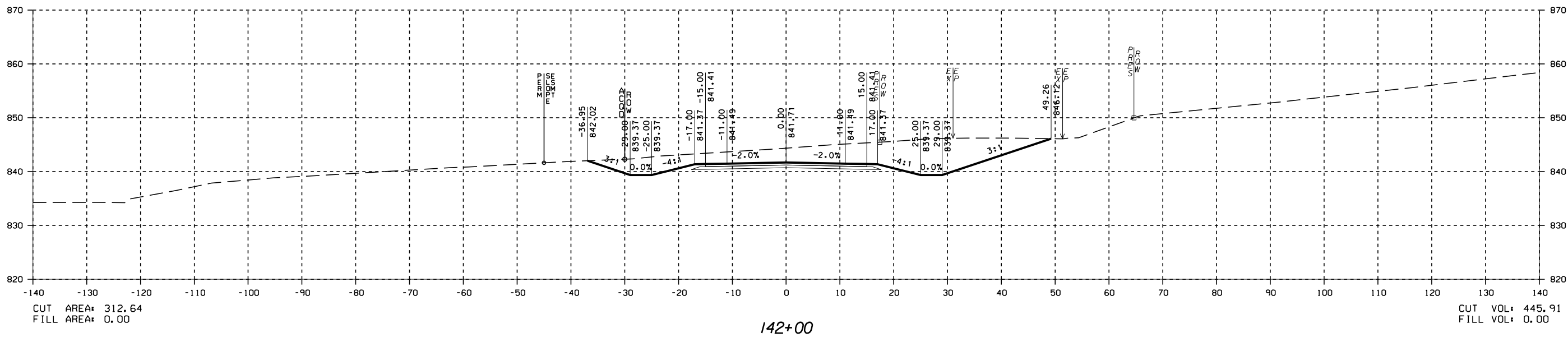
CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE



DR.	CHK.	DATE	DESCRIPTION
		08/22/19	ISSUED FOR 30% REVIEW
		08/22/19	REVIEW SET

8/6/2019 8:23:51 AM



PRELIMINARY
NOT FOR
CONSTRUCTION

DATE _____

CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS TOWN OF THOMPSON'S STATION THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
JK	JK	05-12-2017	ISSUED FOR 30% REVIEW
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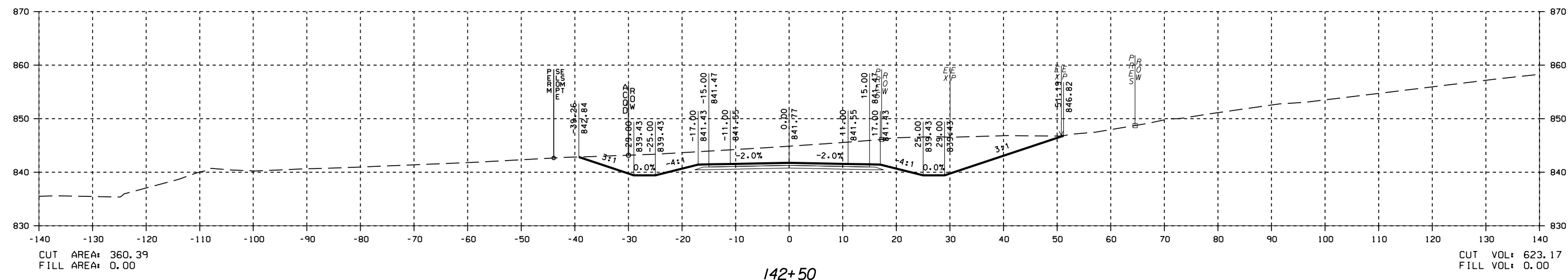
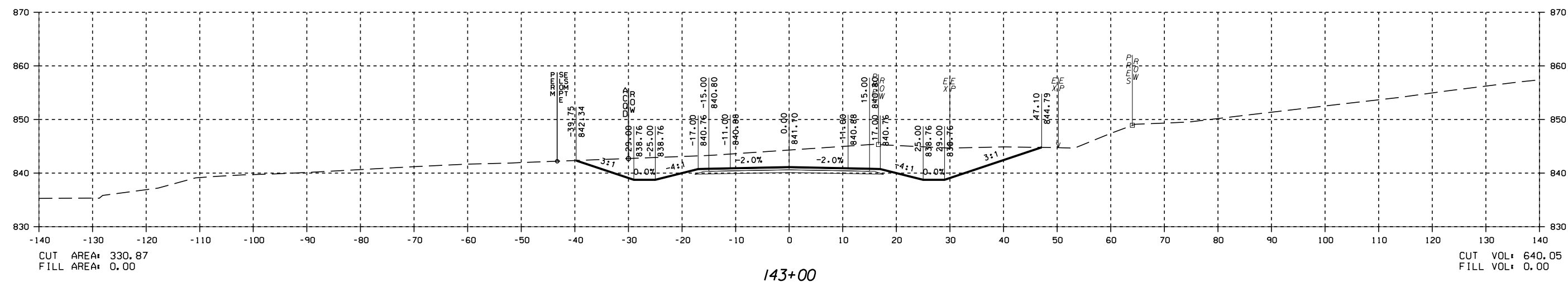
PRELIMINARY
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DATE

CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS TOWN OF THOMPSON'S STATION THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
JK	JK	05-21-2017	ISSUED FOR 30% REVIEW
JK	JK	05-22-2018	REVIEW SET



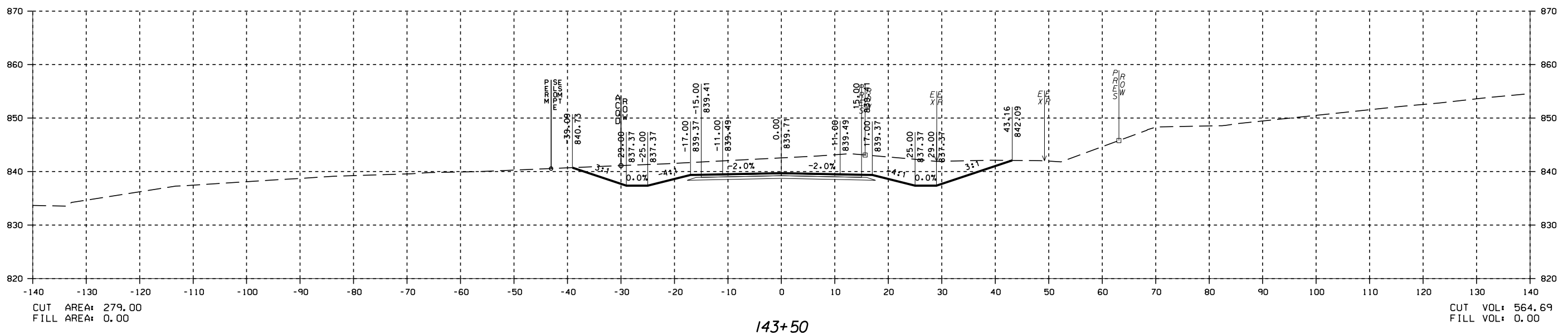
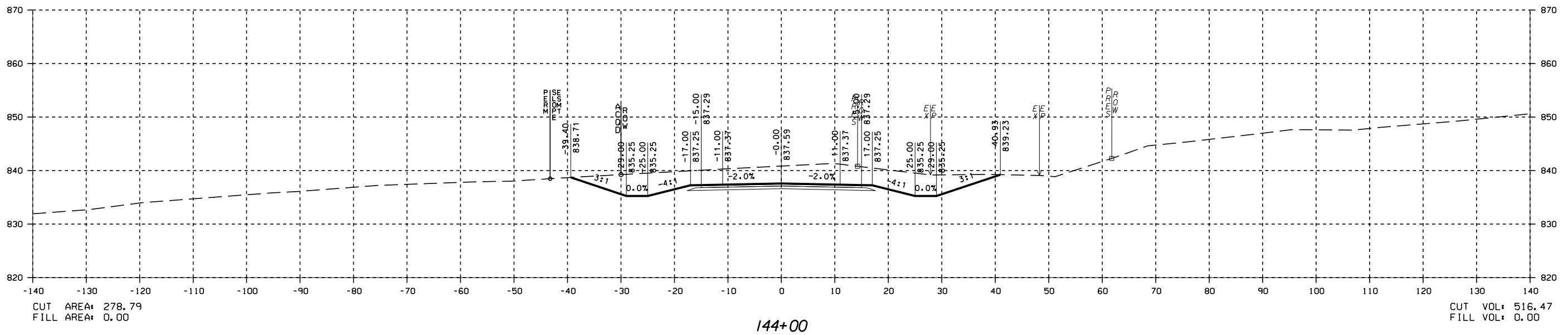
PRELIMINARY
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CONSTRUCTION

DATE

CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
JK	JK	05-12-2017	ISSUED FOR 30% REVIEW
JK	JK	05-22-2018	REVIEW SET



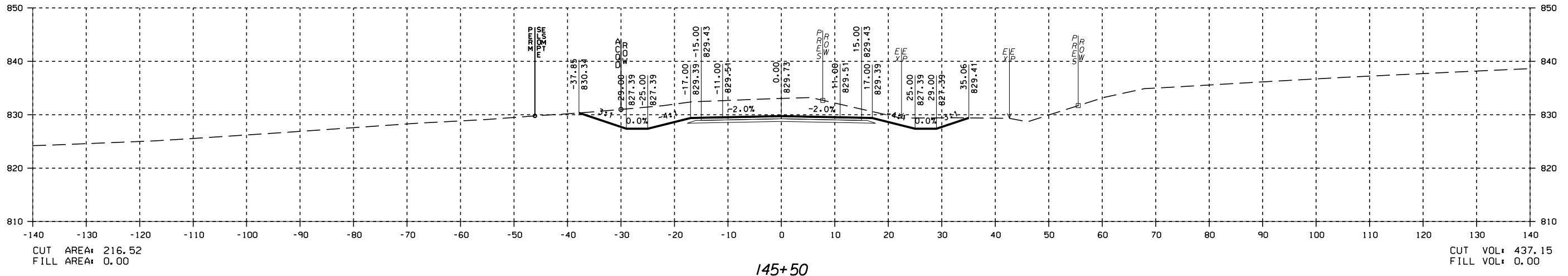
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NOT FOR
CONSTRUCTION

DATE

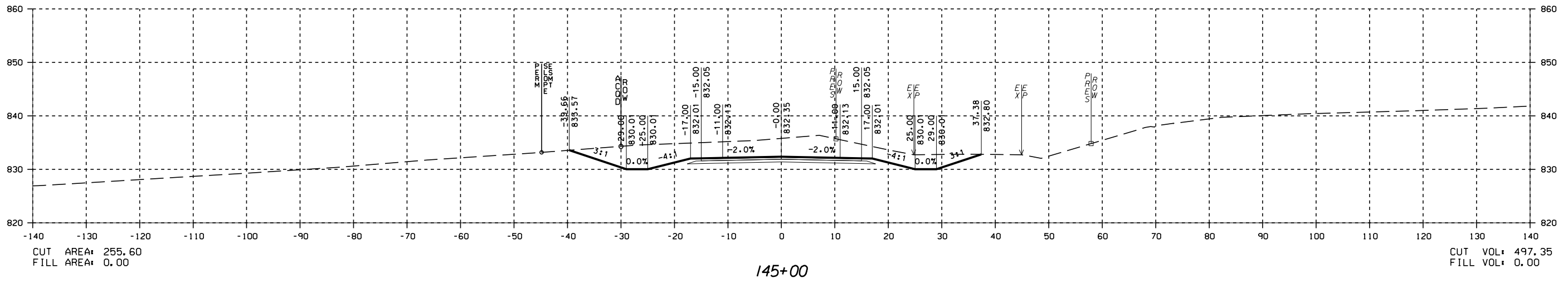
CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

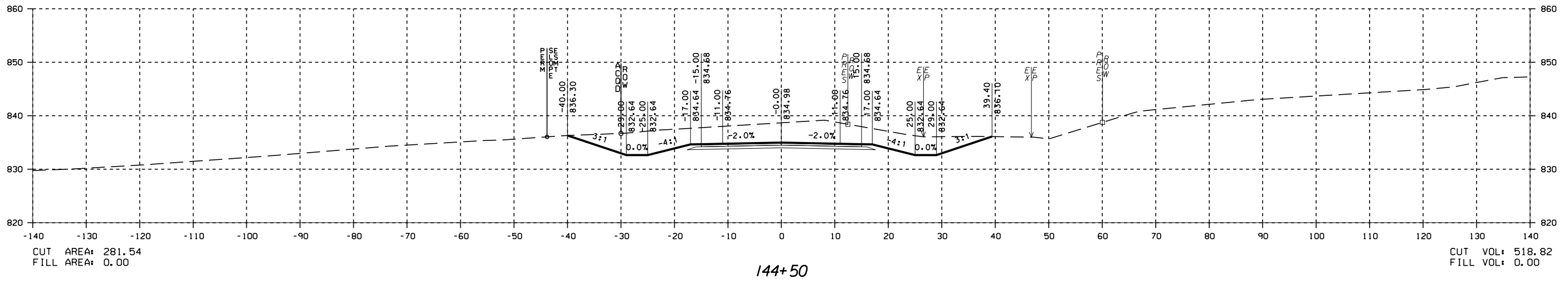
DR.	CHK.	DATE	DESCRIPTION
JK	JK	05-14-2017	ISSUED FOR 30% REVIEW
JK	JK	05-22-2018	REVIEW SET



145+50



145+00

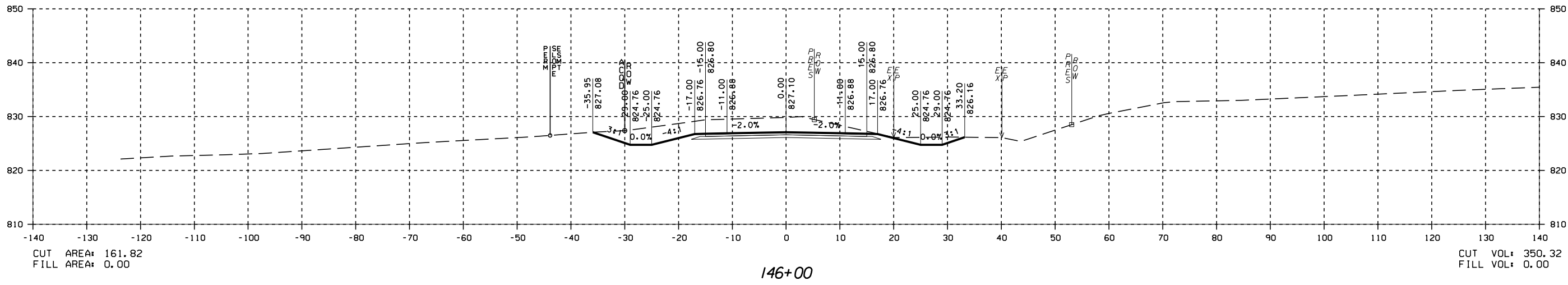
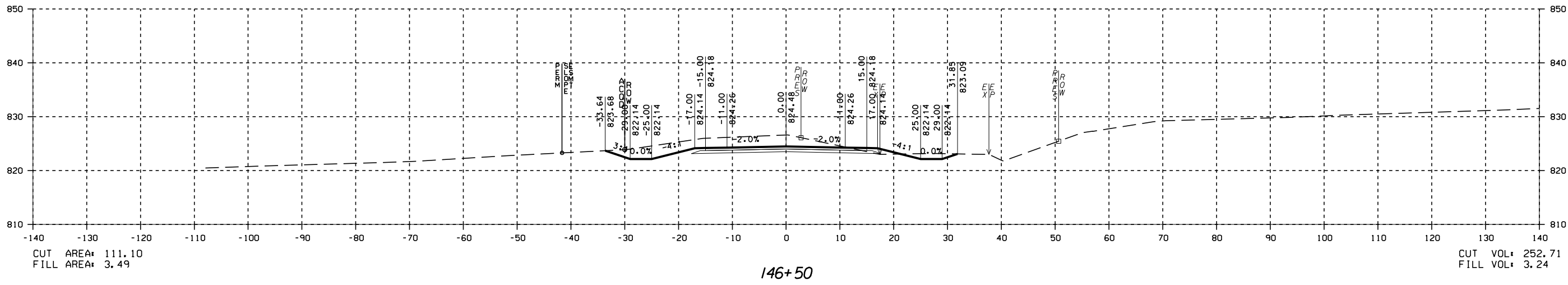
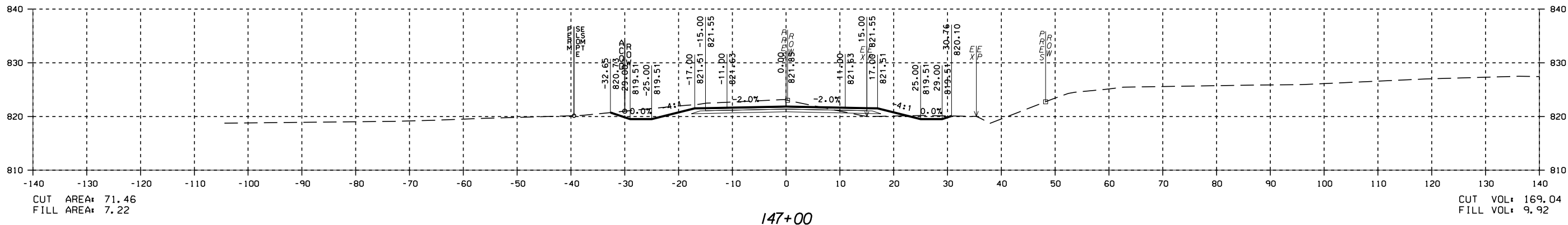


144+50

PRELIMINARY
NOT FOR
CONSTRUCTION

CROSS SECTIONS - CRITZ LANE
CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
JK	JK	05/24/2017	ISSUED FOR 30% REVIEW
JK	JK	05/25/2018	REVIEW SET

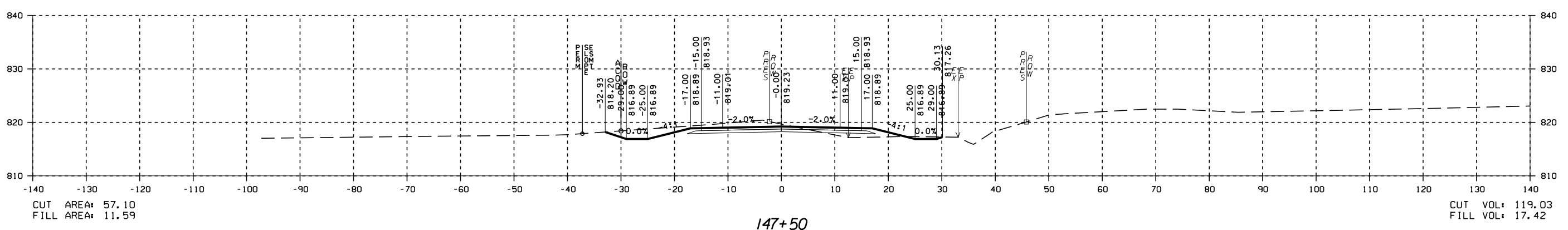
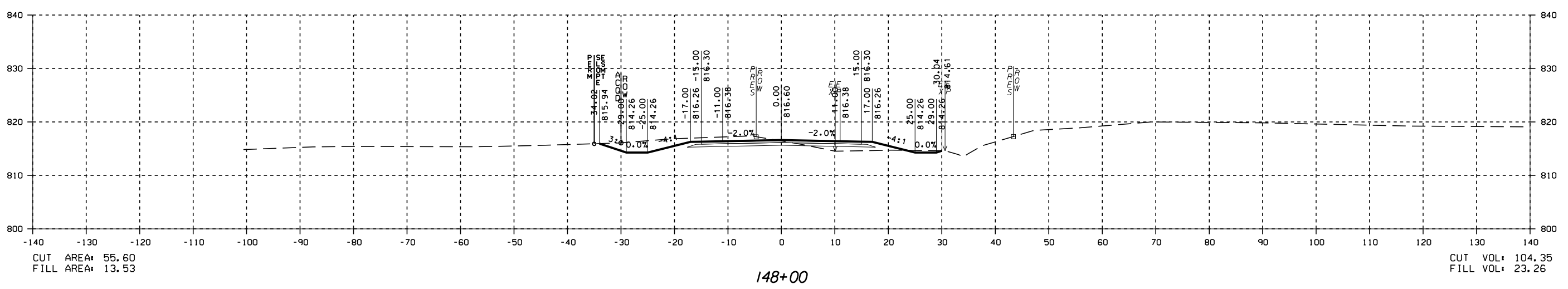
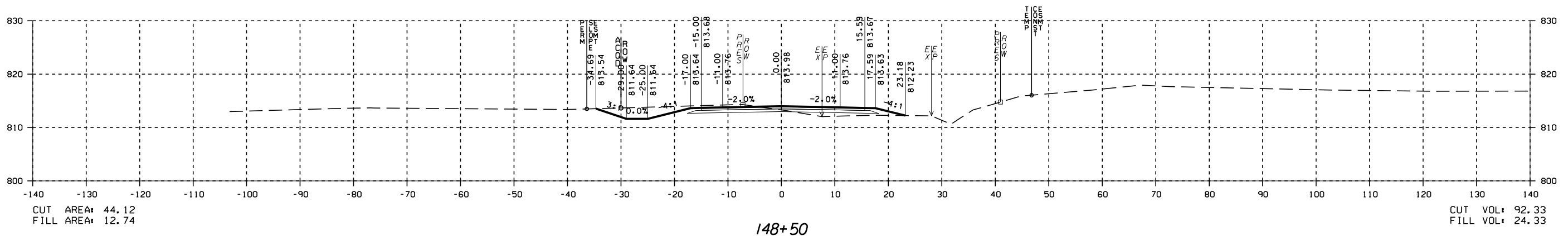


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CONSTRUCTION

DATE

CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE



DATE	DESCRIPTION
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05-22-2018	REVIEW SET

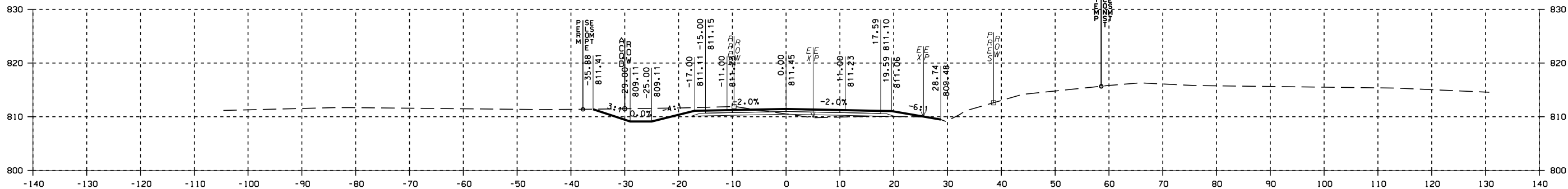
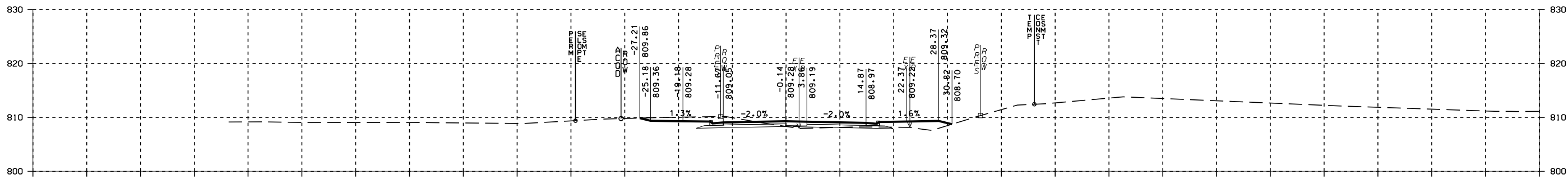
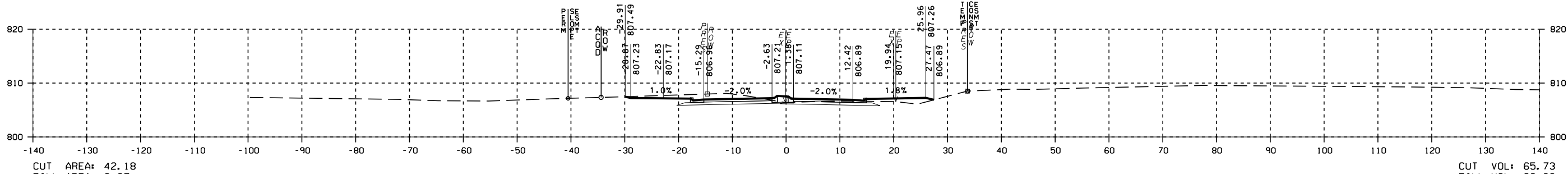
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DATE _____

CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
JK	JK	05-24-2017	ISSUED FOR 30% REVIEW
JK	JK	05-25-2018	REVIEW SET



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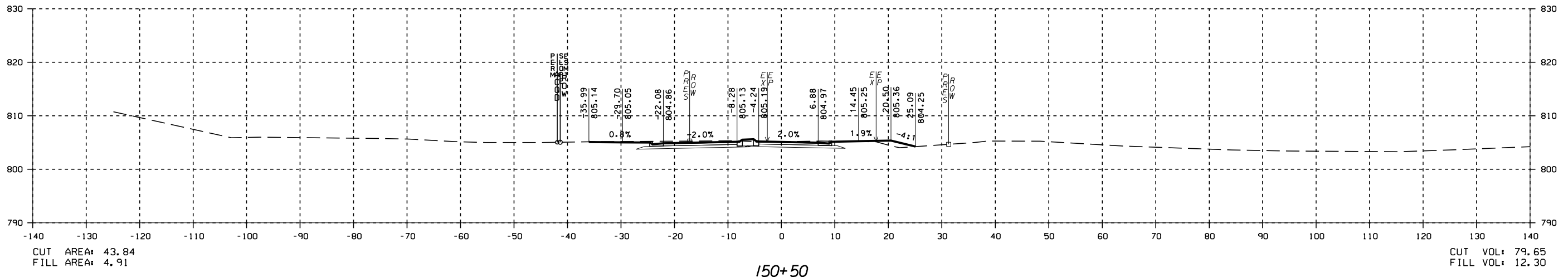
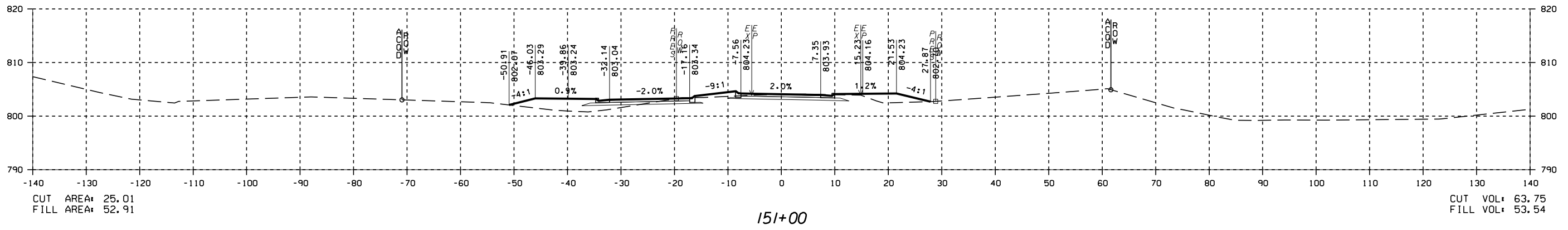
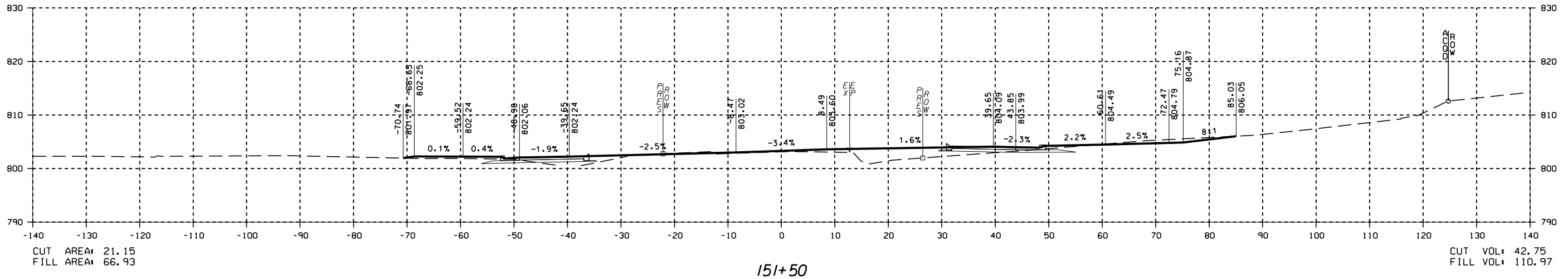
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NOT FOR
CONSTRUCTION

DATE _____

CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
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	JK	05-22-2018	REVIEW SET

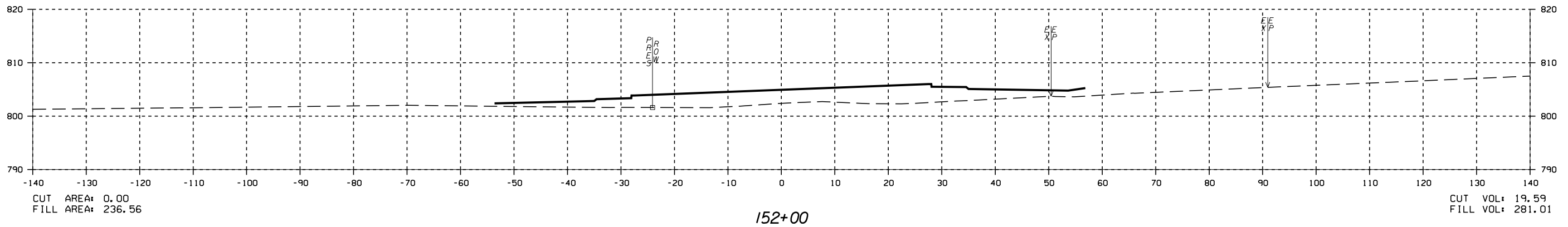
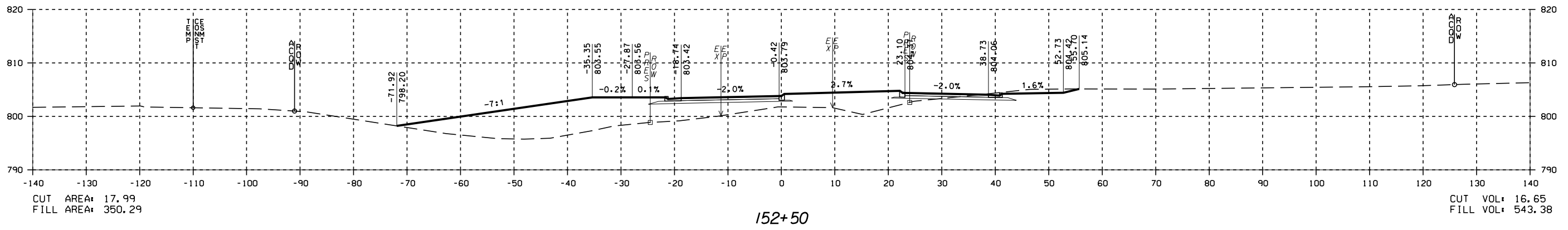
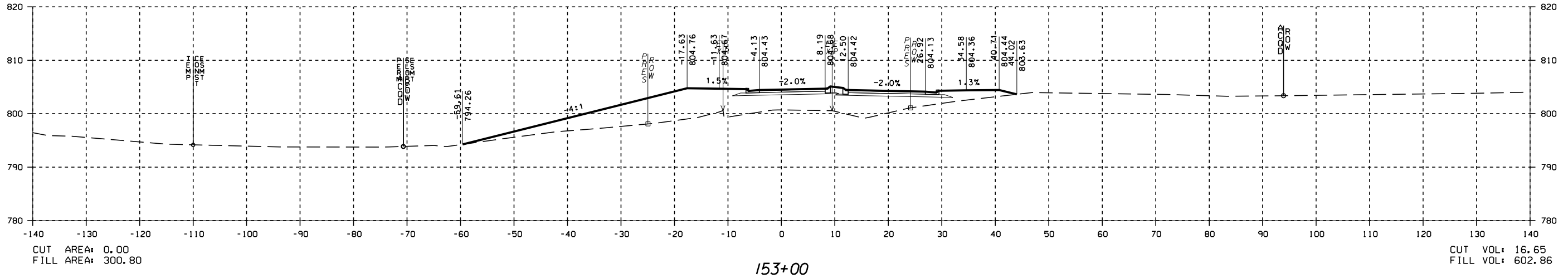


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CONSTRUCTION

DATE

CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE



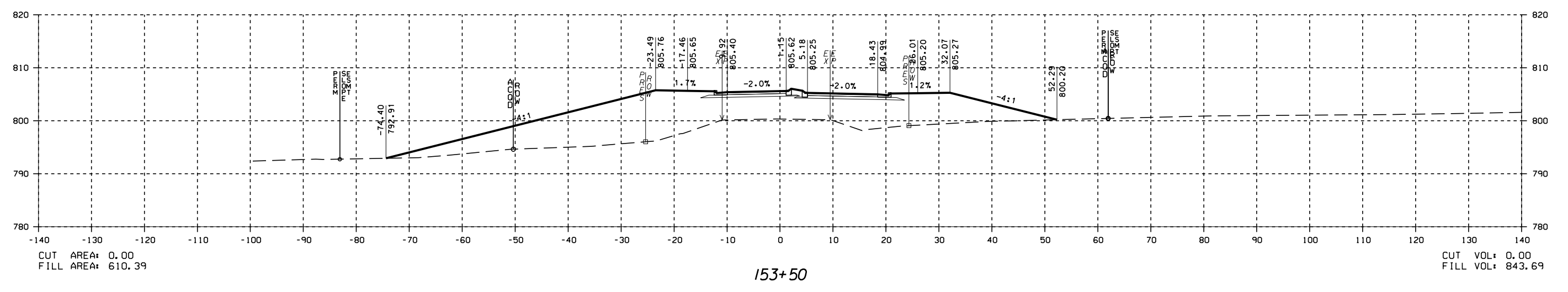
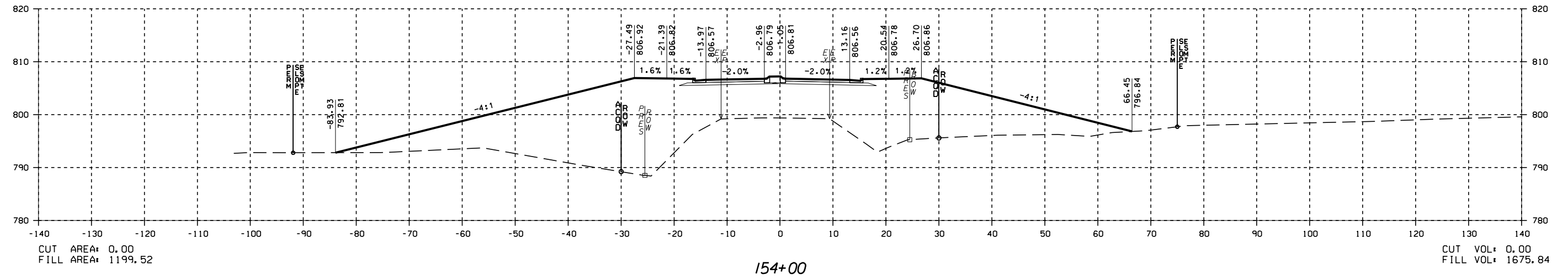
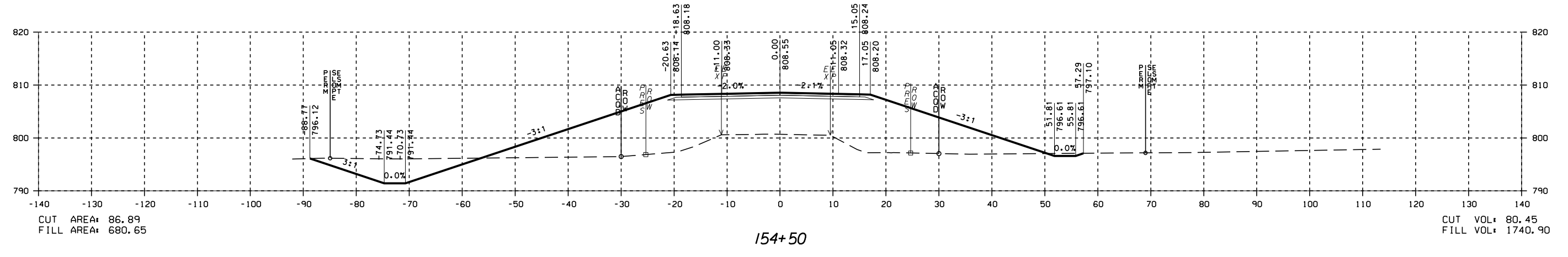
DR.	CHK.	DATE	DESCRIPTION
		05-12-2017	ISSUED FOR 30% REVIEW
		05-22-2018	REVIEW SET

PRELIMINARY
NOT FOR
CONSTRUCTION

DATE _____

CROSS SECTIONS - CRITZ LANE
CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
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	JK	05-22-2018	REVIEW SET



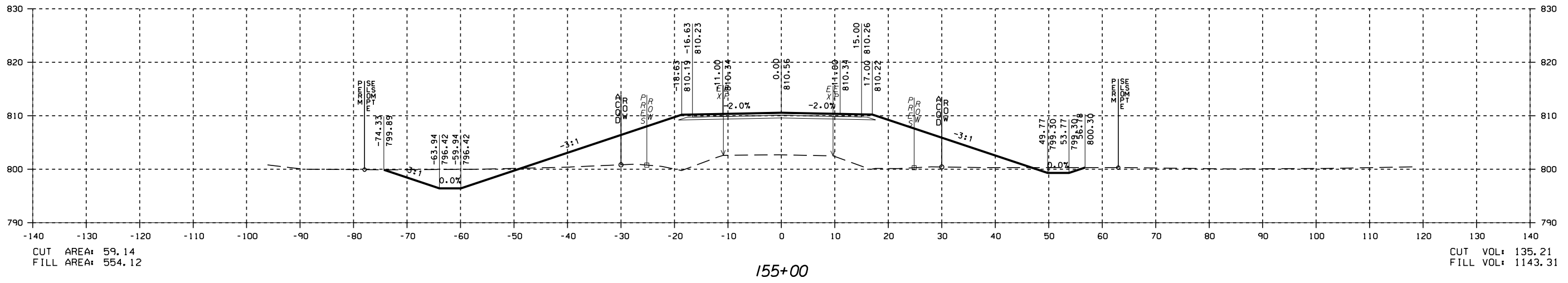
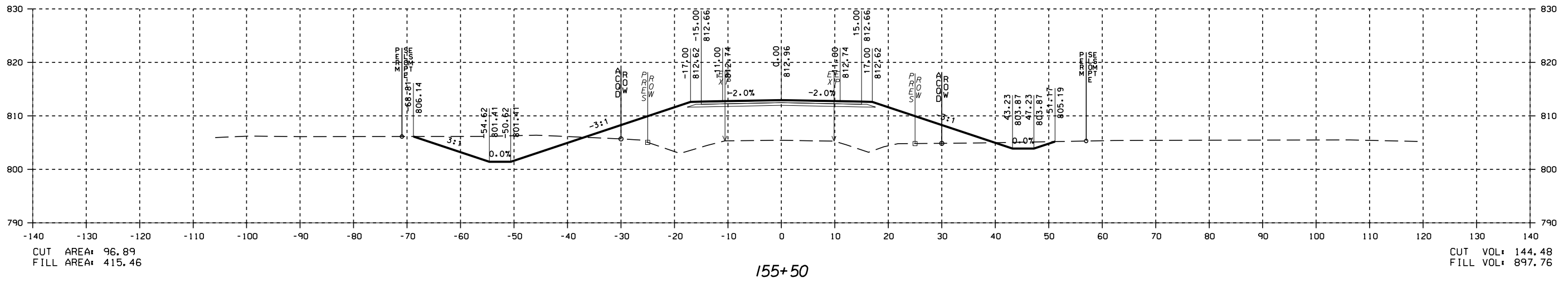
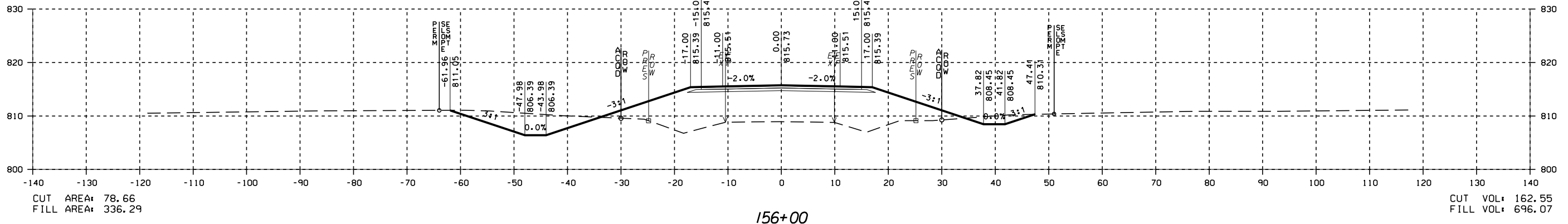
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NOT FOR
CONSTRUCTION

DATE

CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
JK	JK	05-24-2017	ISSUED FOR 30% REVIEW
JK	JK	05-25-2018	REVIEW SET

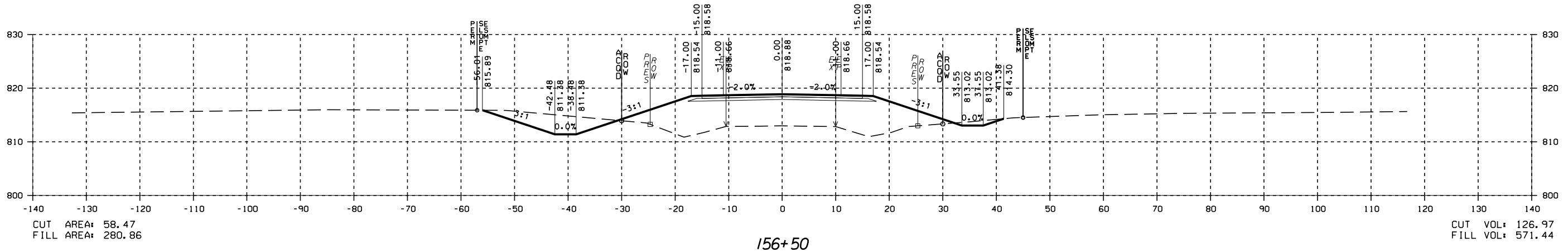
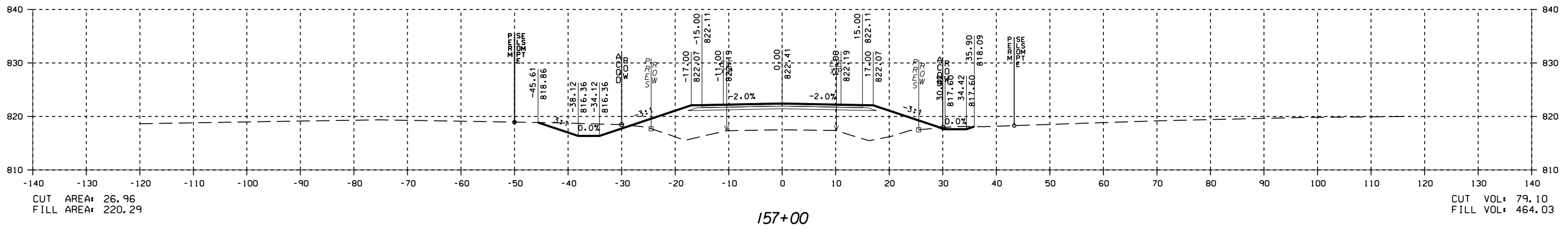
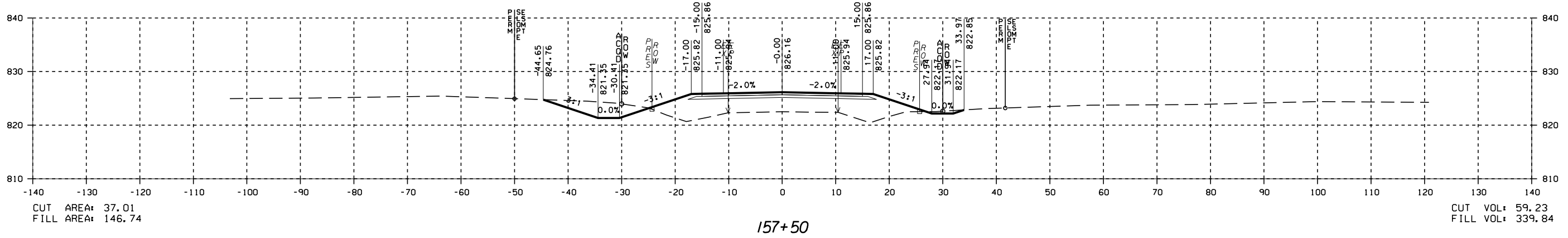


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CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
 TOWN OF THOMPSON'S STATION
 THOMPSON'S STATION, TENNESSEE



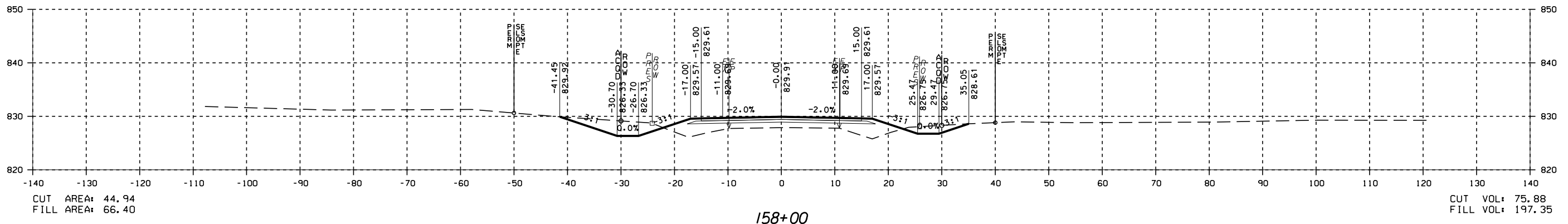
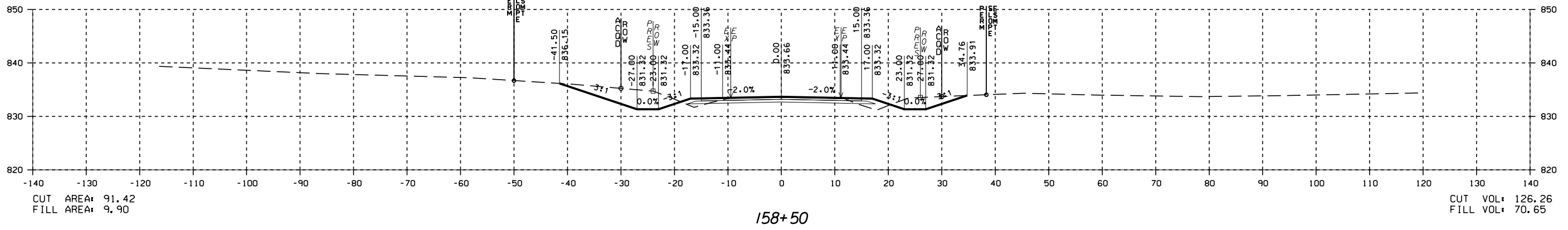
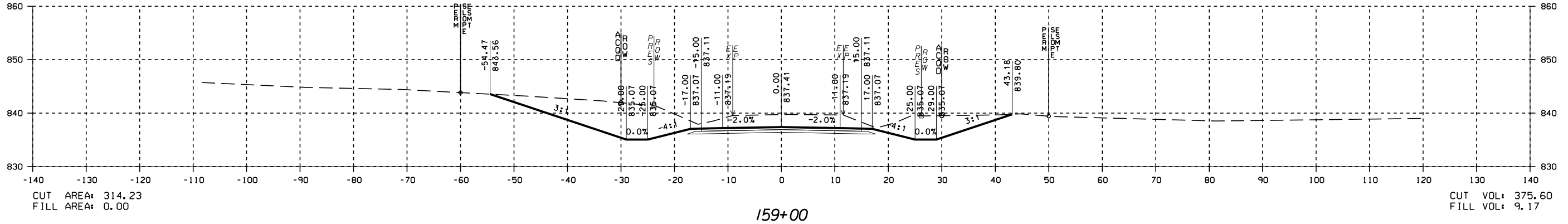
DIS.	CHK.	DATE	DESCRIPTION
1	JK	05-12-2017	ISSUED FOR 30% REVIEW
2	JK	05-22-2018	REVIEW SET

PRELIMINARY
NOT FOR
CONSTRUCTION

DATE

CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE



CHK.	DATE	DESCRIPTION
JK	05-12-2017	ISSUED FOR 30% REVIEW
JK	05-22-2018	REVIEW SET

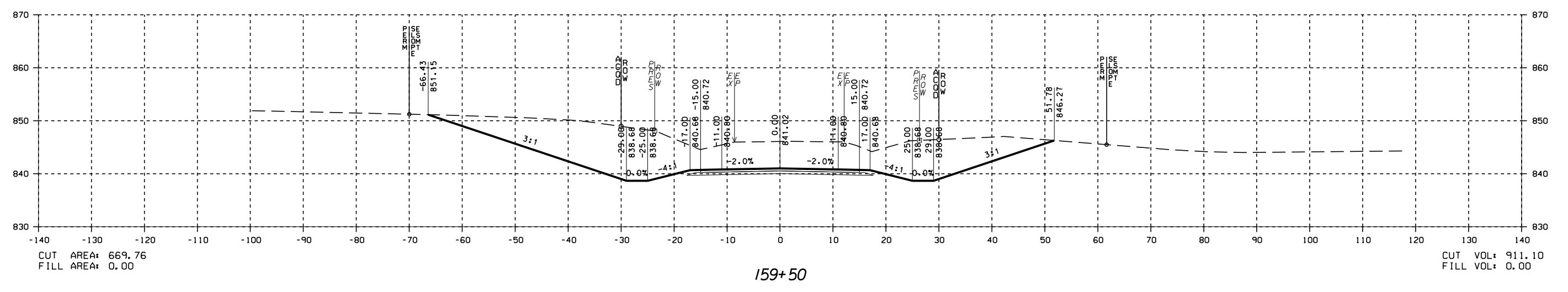
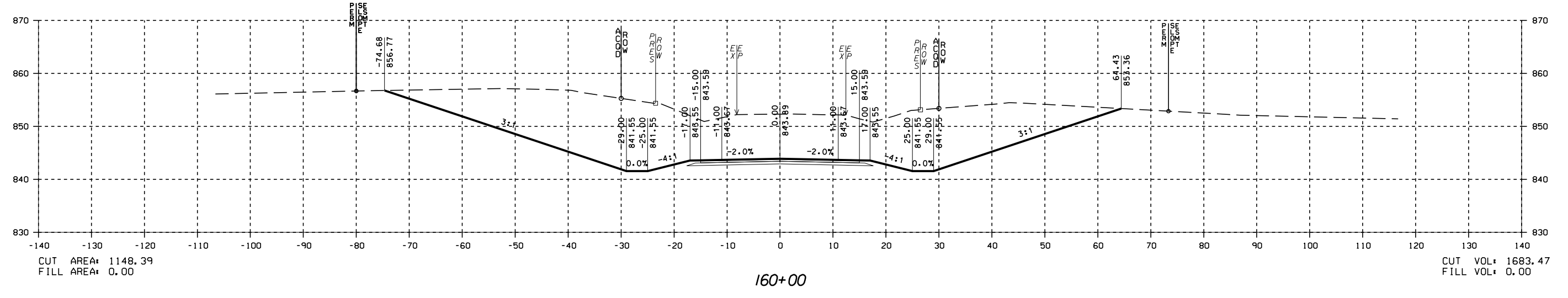
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NOT FOR
CONSTRUCTION

DATE _____

CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DIS.	CHK.	DATE	DESCRIPTION
1	JK	05-14-2017	ISSUED FOR 30% REVIEW
2	JK	05-22-2018	REVIEW SET



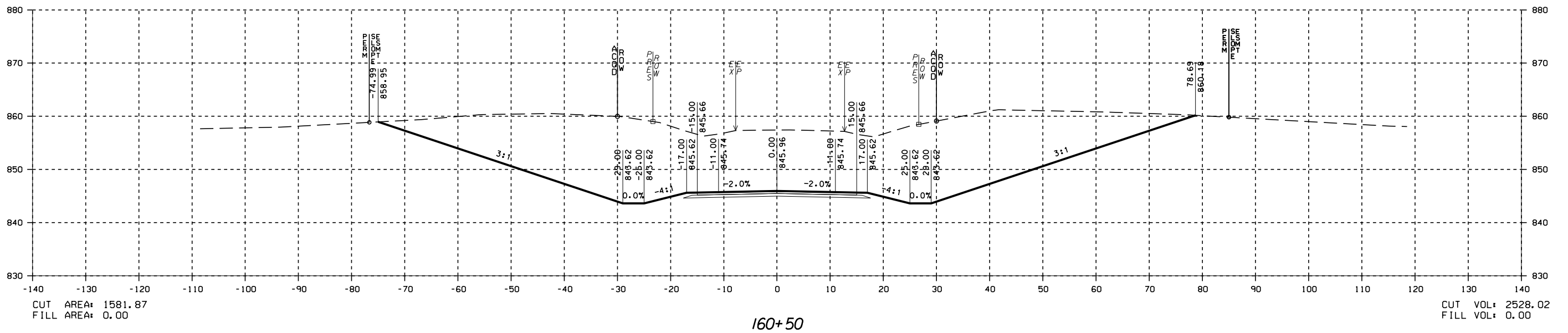
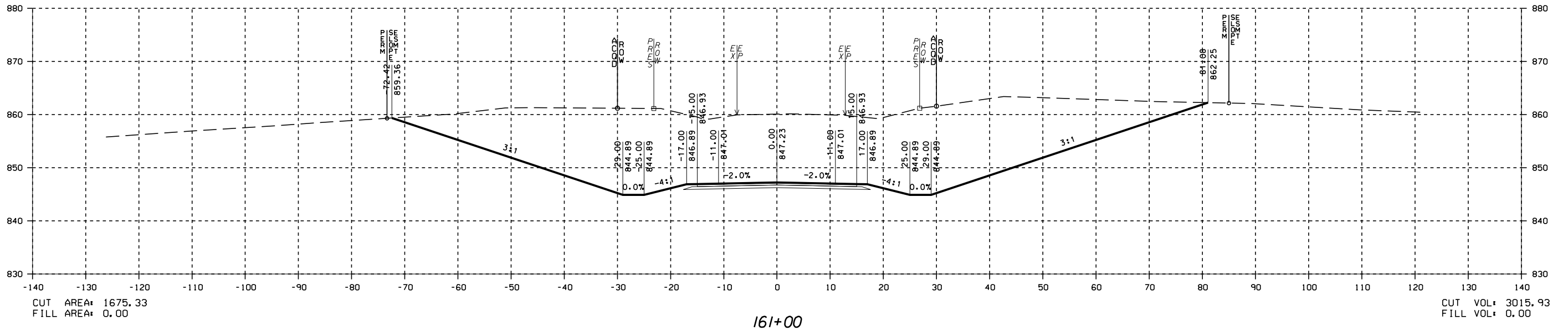
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CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
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		05-22-2018	REVIEW SET

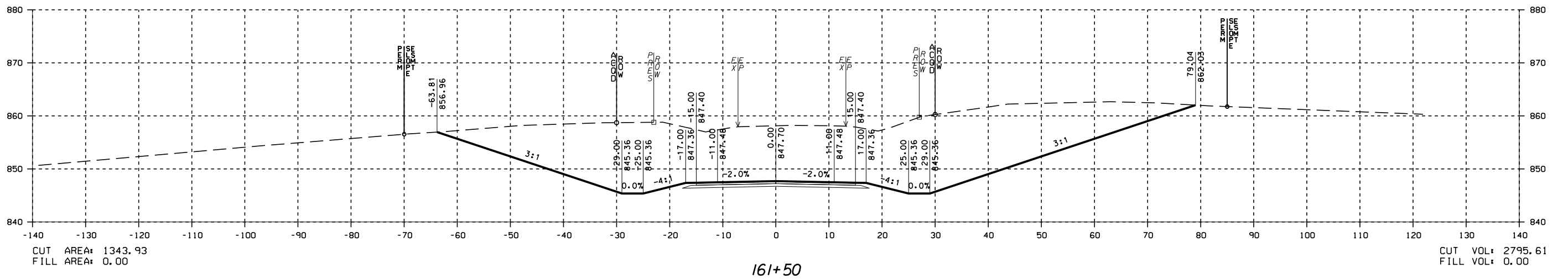
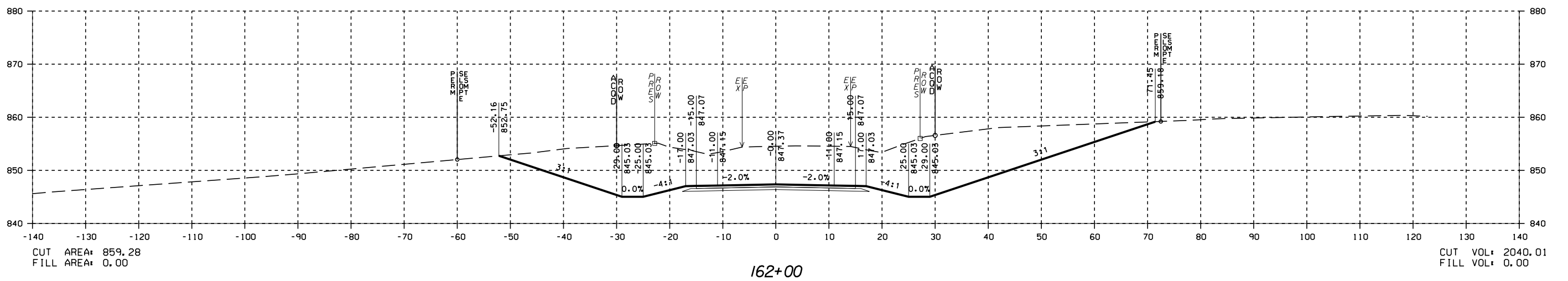
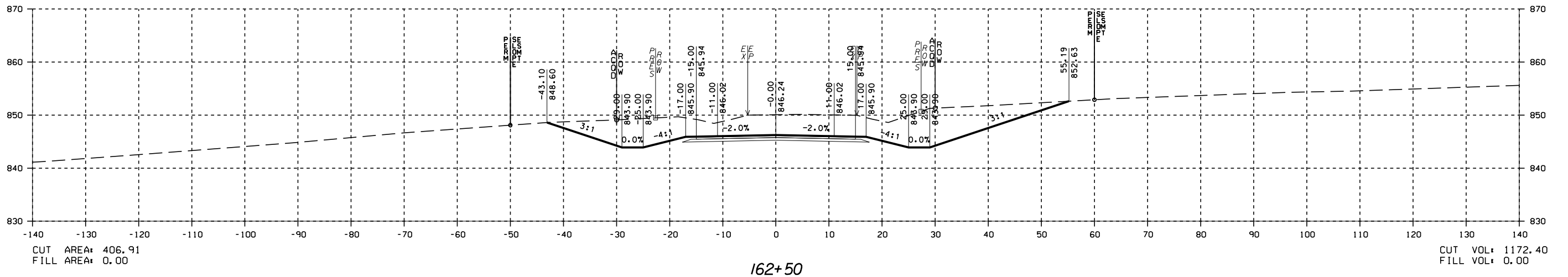


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CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE



DIS.	CHK.	DATE	DESCRIPTION
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2	JK	08-22-2018	REVIEW SET

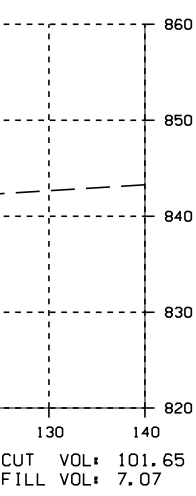
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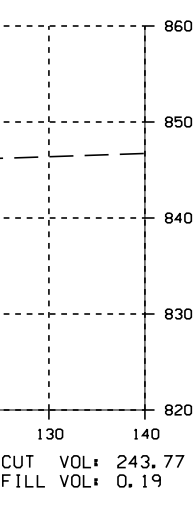
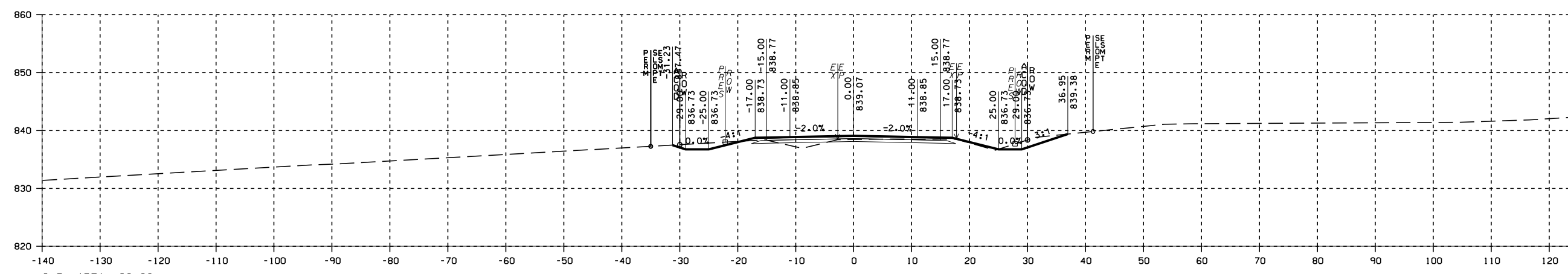
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**CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE**

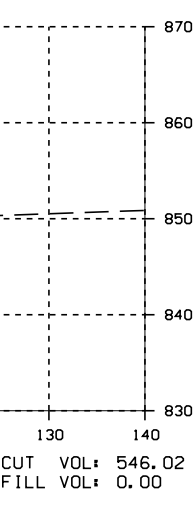
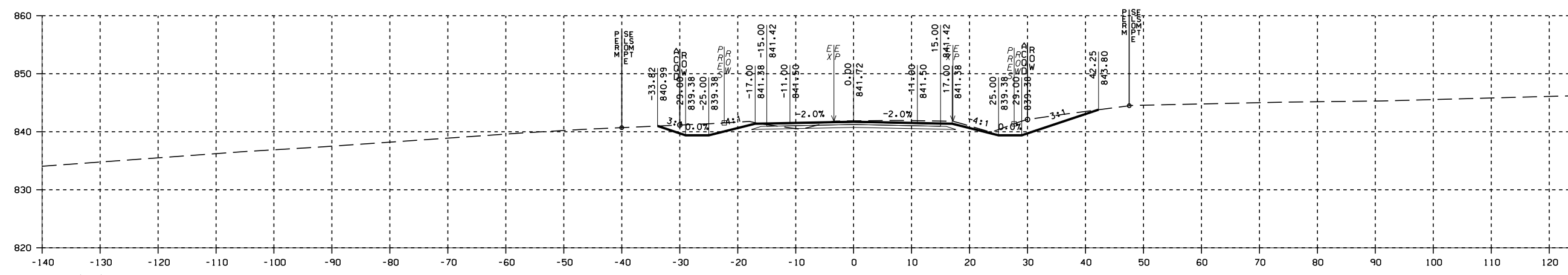
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	KP	07-13-2017	REVIEW SET
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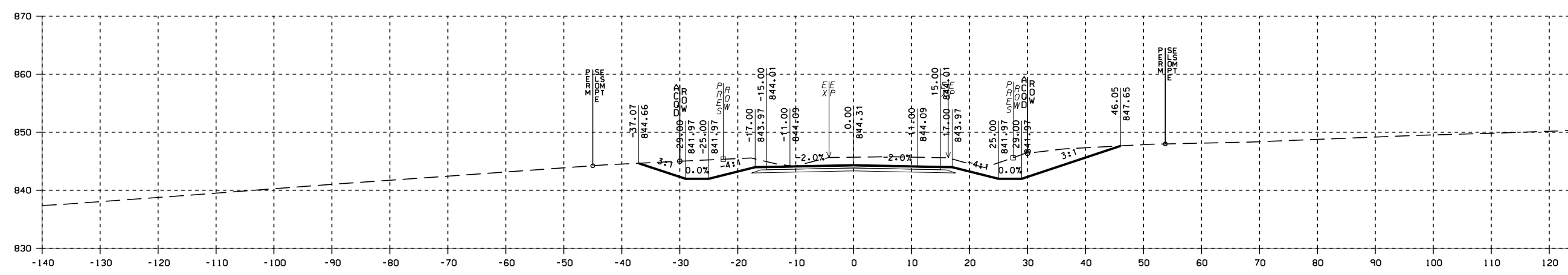
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163+50



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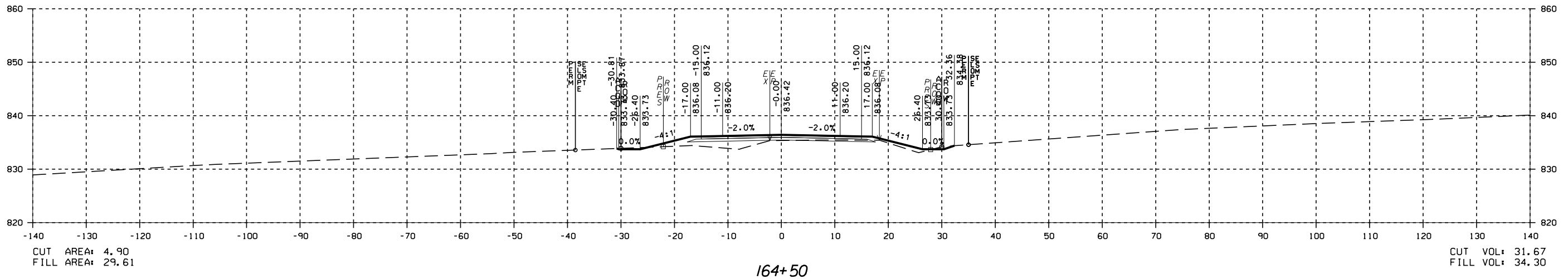
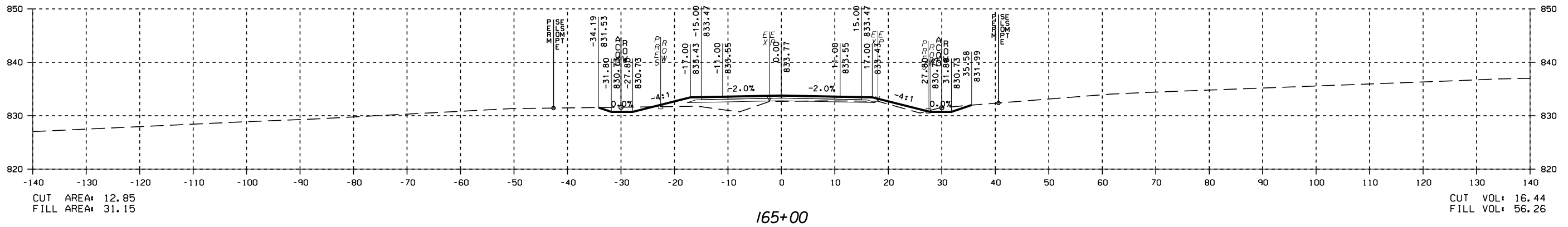
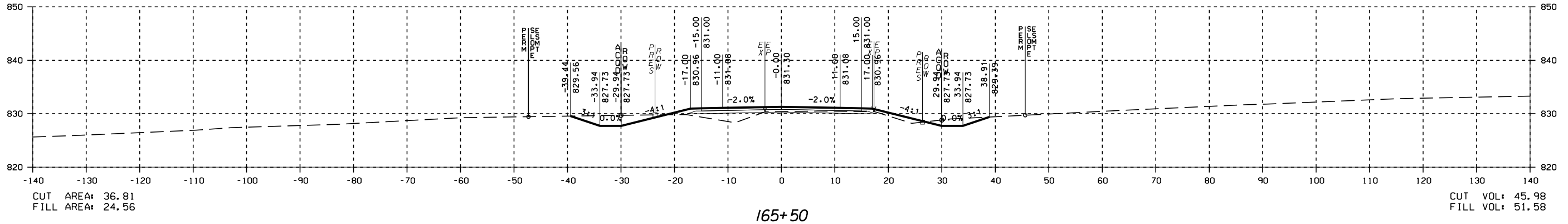
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CROSS SECTIONS - CRITZ LANE

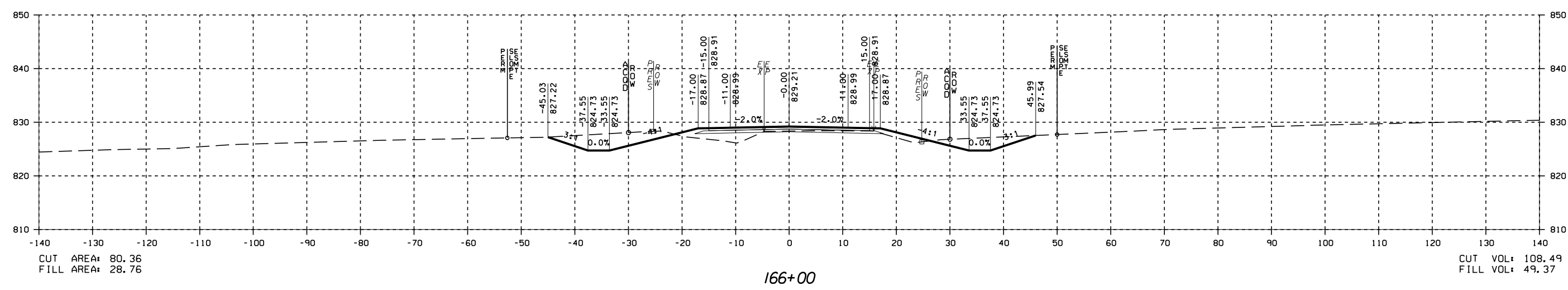
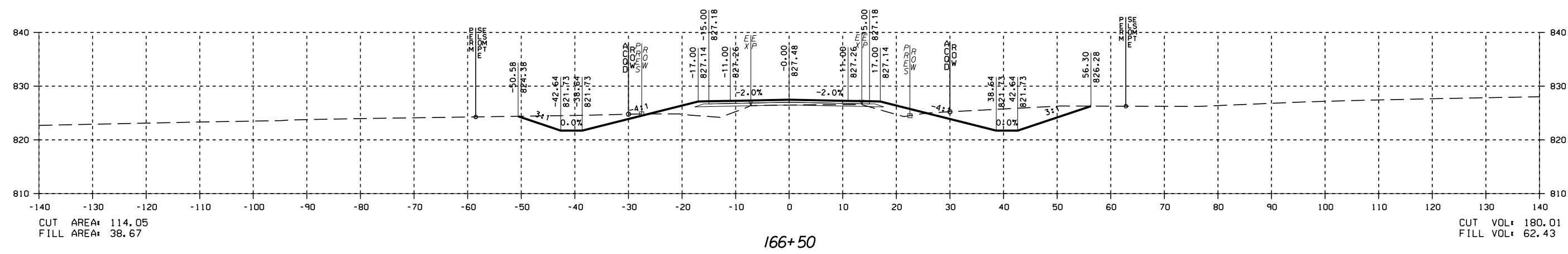
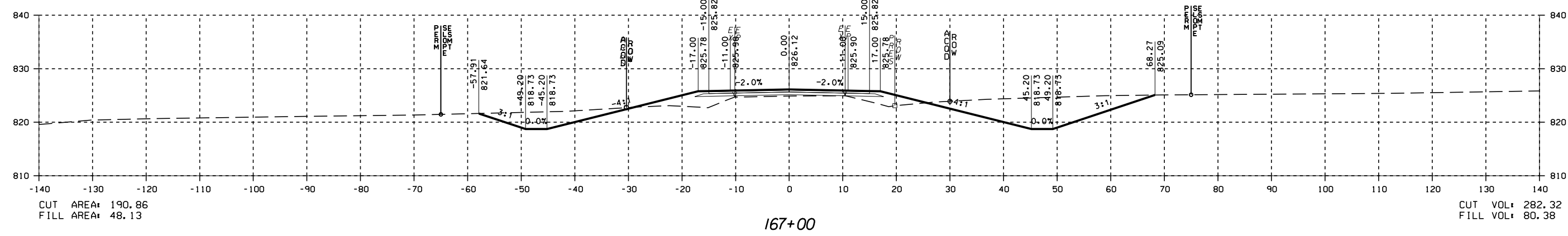
CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
JK	JK	05-12-2017	ISSUED FOR 30% REVIEW
JK	JK	05-22-2018	REVIEW SET



PRELIMINARY
NOT FOR
CONSTRUCTION
DATE _____

CROSS SECTIONS - CRITZ LANE
CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE



DR.	CHK.	DATE	DESCRIPTION
JK	JK	05-12-2017	ISSUED FOR 30% REVIEW
JK	JK	05-25-2018	REVIEW SET

PRELIMINARY
NOT FOR
CONSTRUCTION

DATE

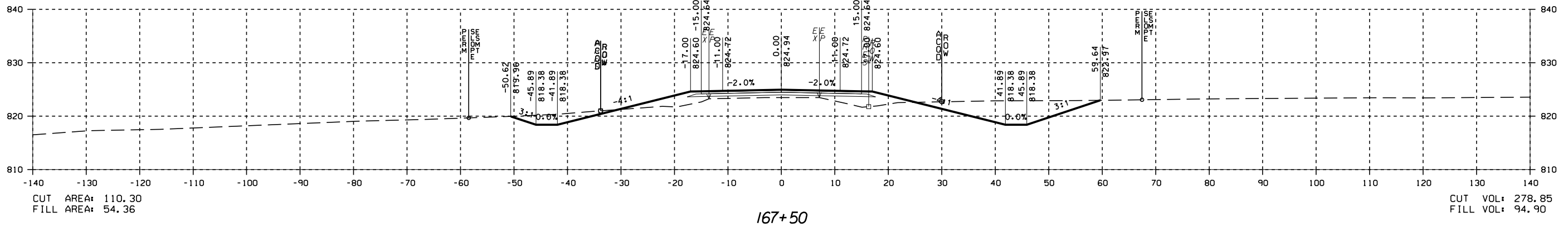
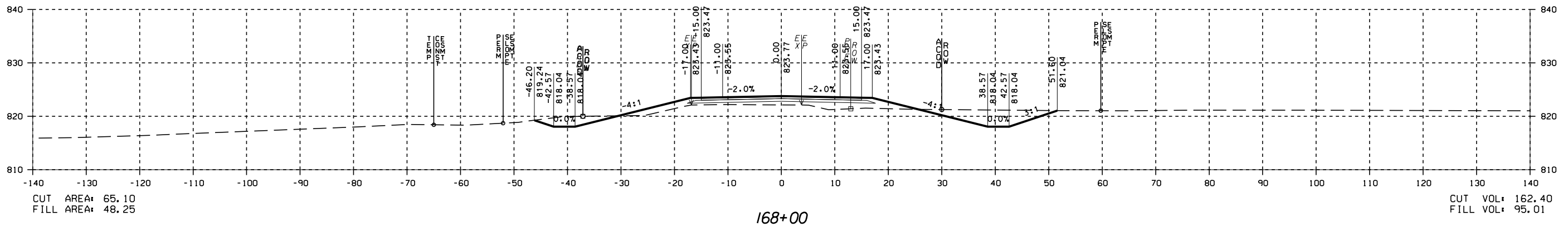
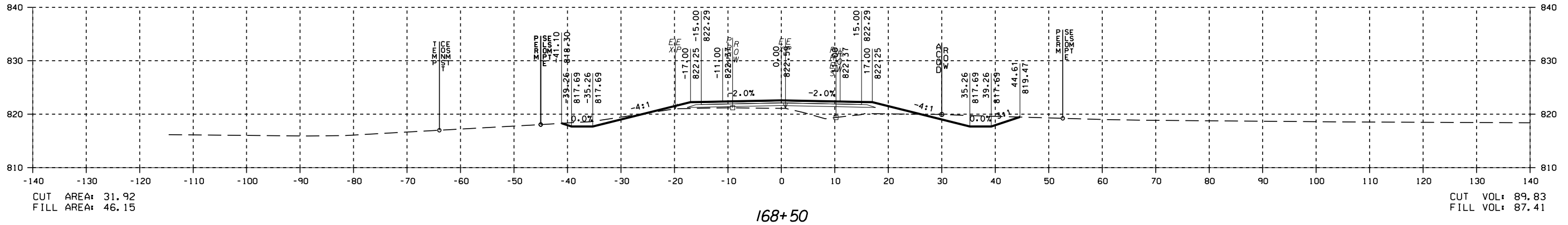
CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DATE DESCRIPTION

05/24/2017 ISSUED FOR 30% REVIEW

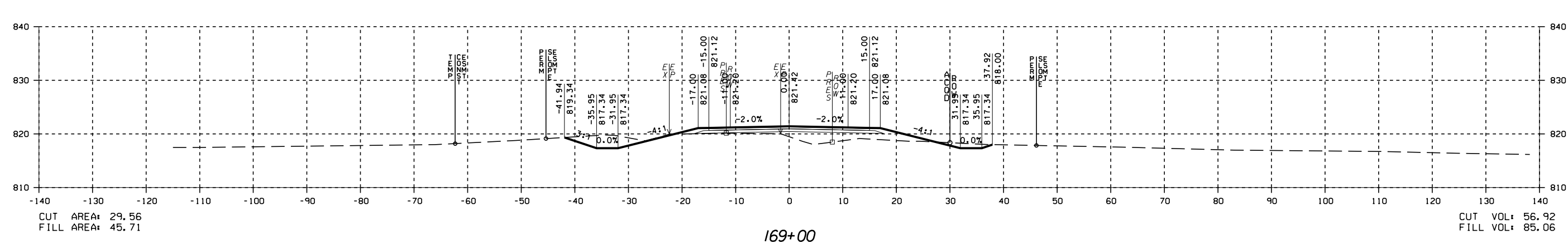
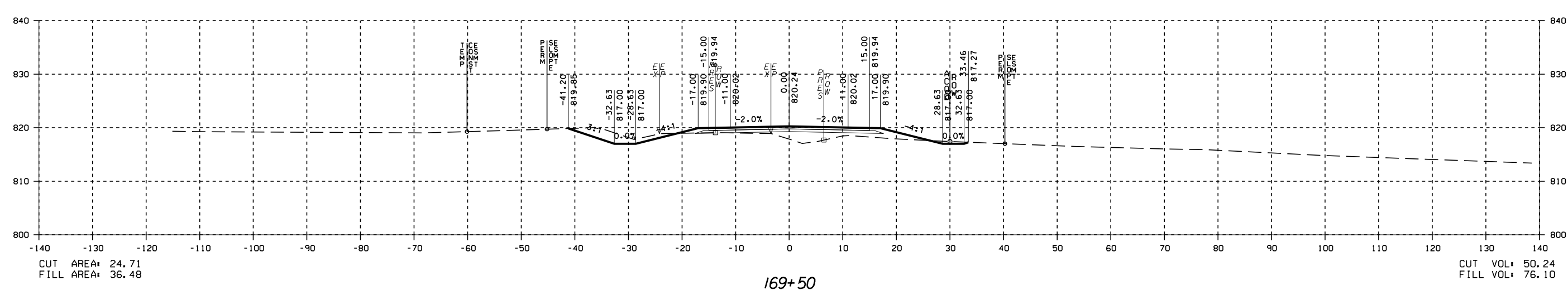
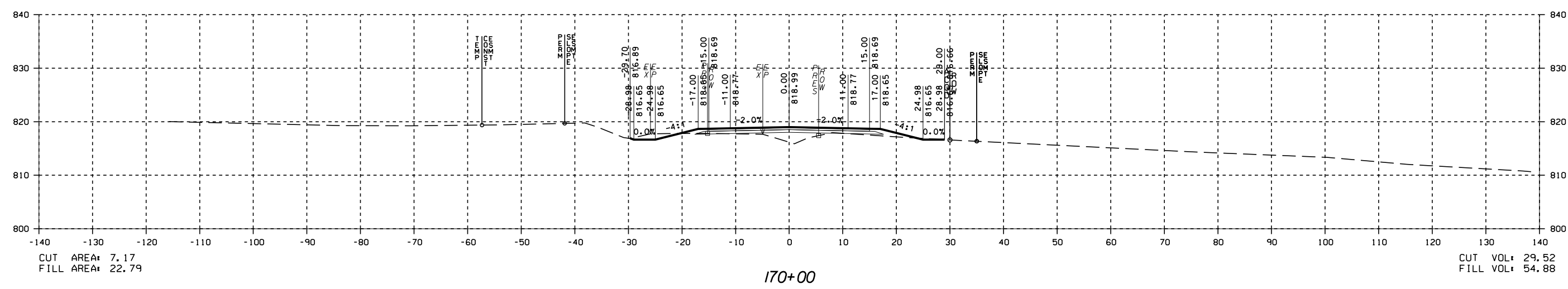
08/22/2018 REVIEW SET



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CROSS SECTIONS - CRITZ LANE
CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
			ISSUED FOR 30% REVIEW
			REVIEW SET



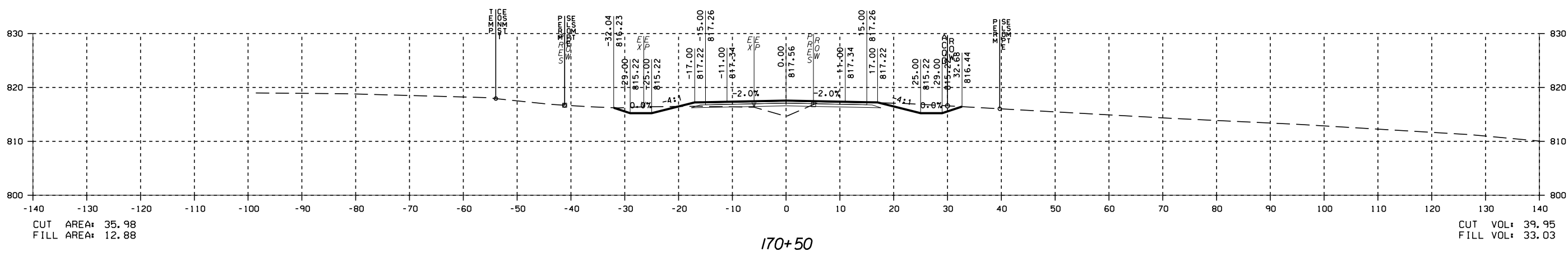
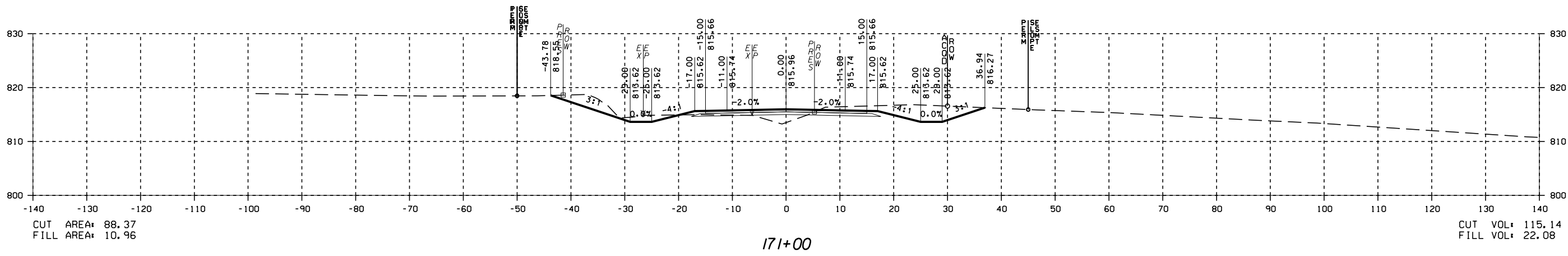
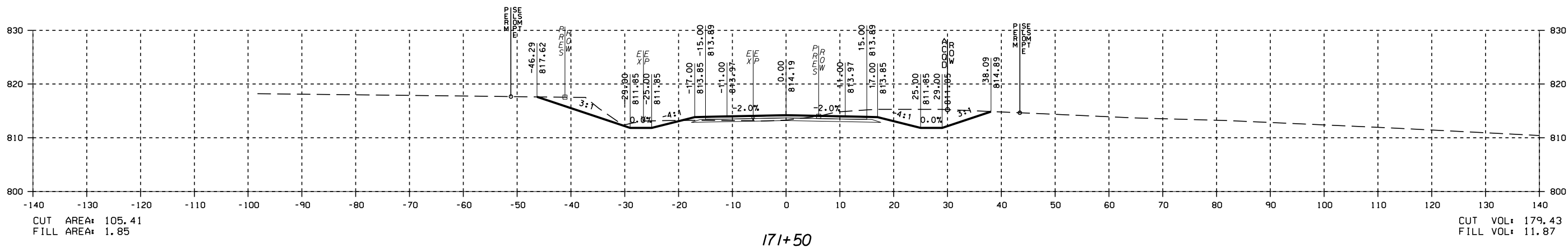
PRELIMINARY
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CONSTRUCTION

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CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
JK	JK	05-14-2017	ISSUED FOR 30% REVIEW
JK	JK	05-22-2018	REVIEW SET



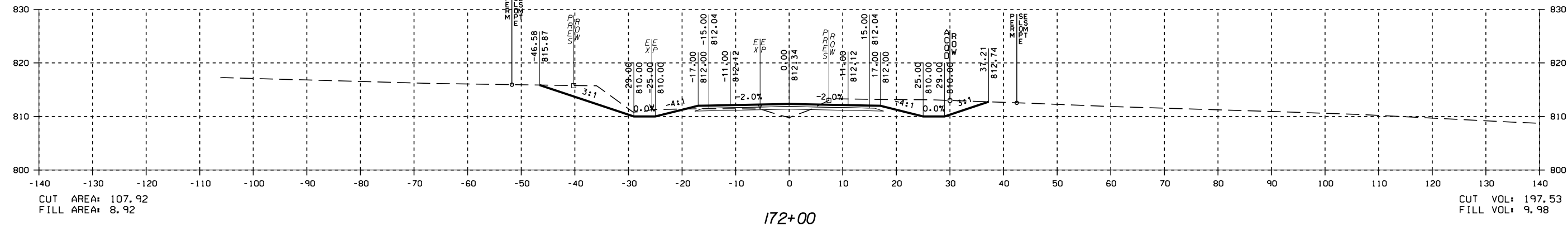
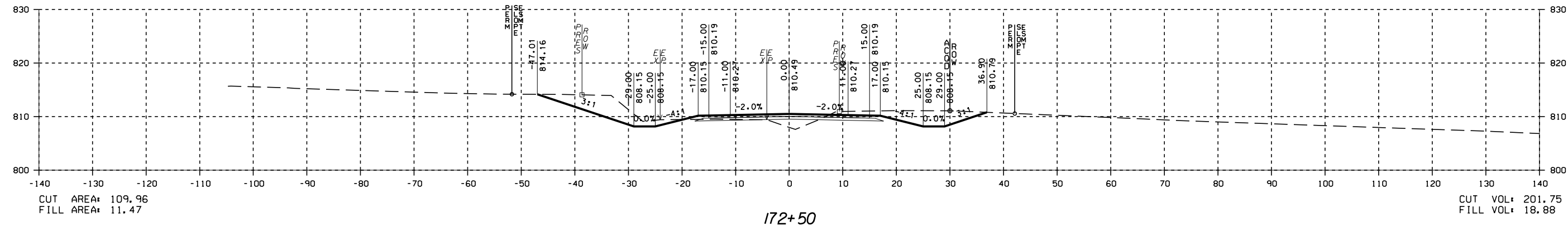
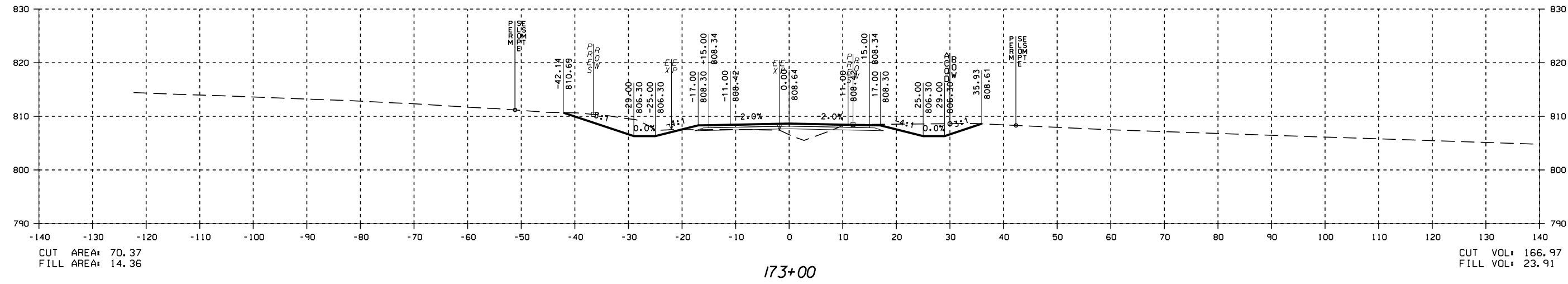
PRELIMINARY
NOT FOR
CONSTRUCTION

DATE _____

CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

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	JK	03-22-2018	REVIEW SET



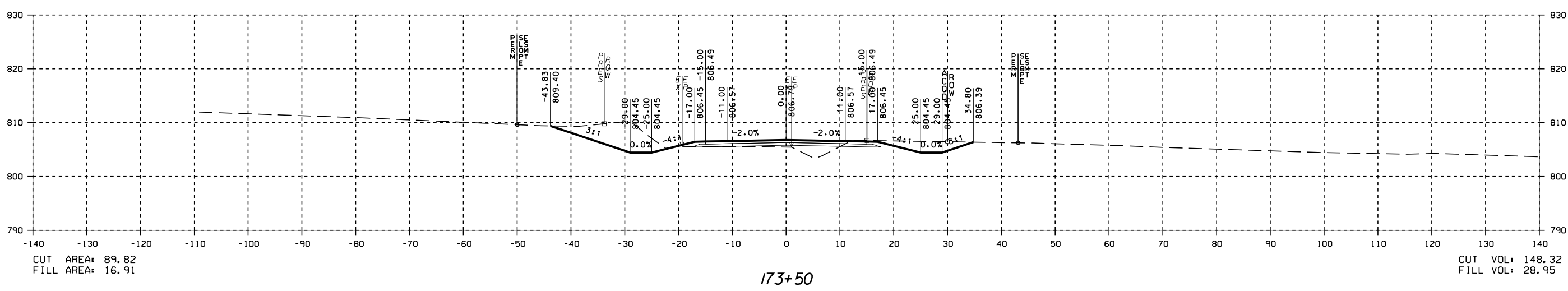
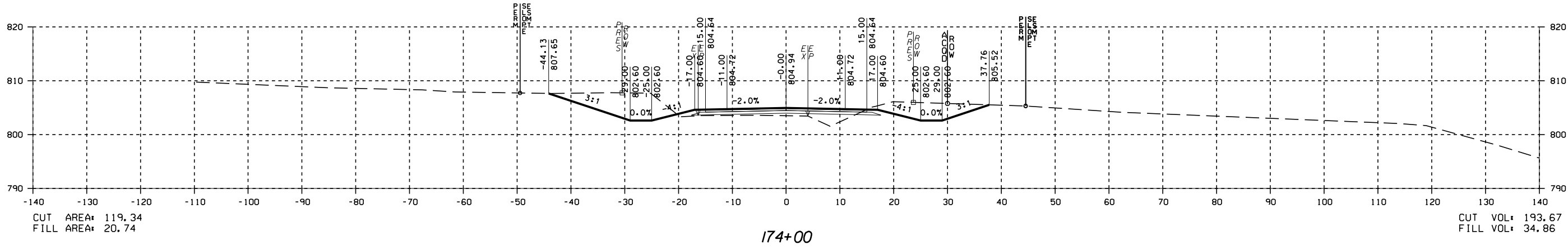
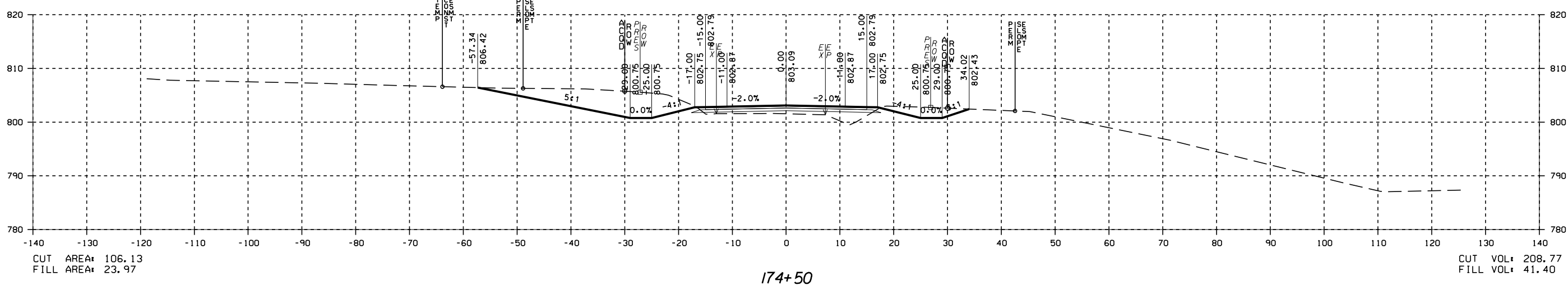
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CROSS SECTIONS - CRITZ LANE

**CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE**

DIS.	CHK.	DATE	DESCRIPTION
JK	JK	05-21-2017	ISSUED FOR 30% REVIEW
JK	JK	08-22-2018	REVIEW SET



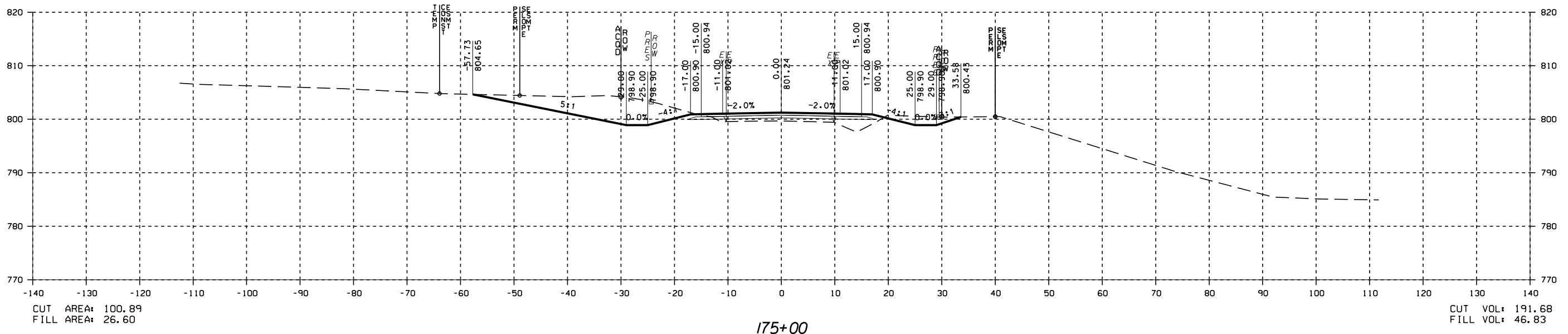
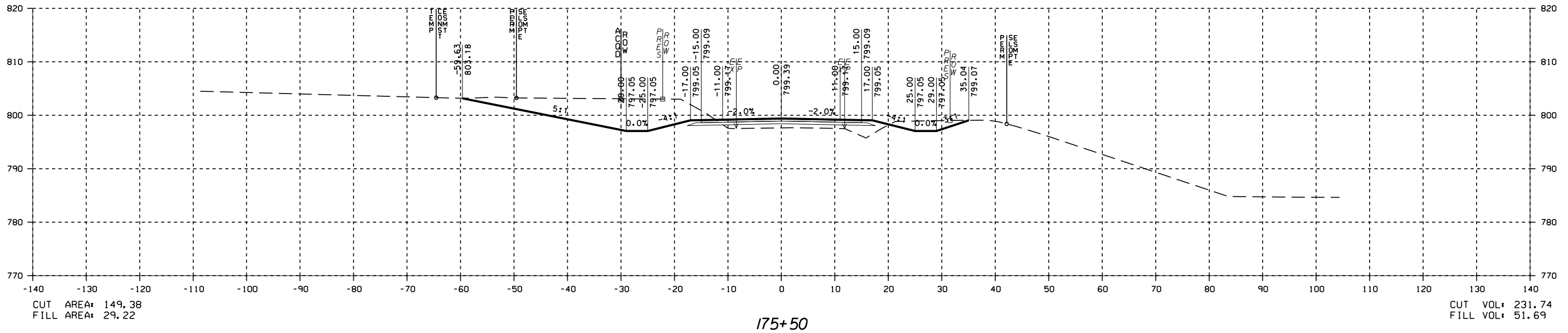
PRELIMINARY
NOT FOR
CONSTRUCTION

DATE

CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
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JK	JK	05-22-2018	REVIEW SET



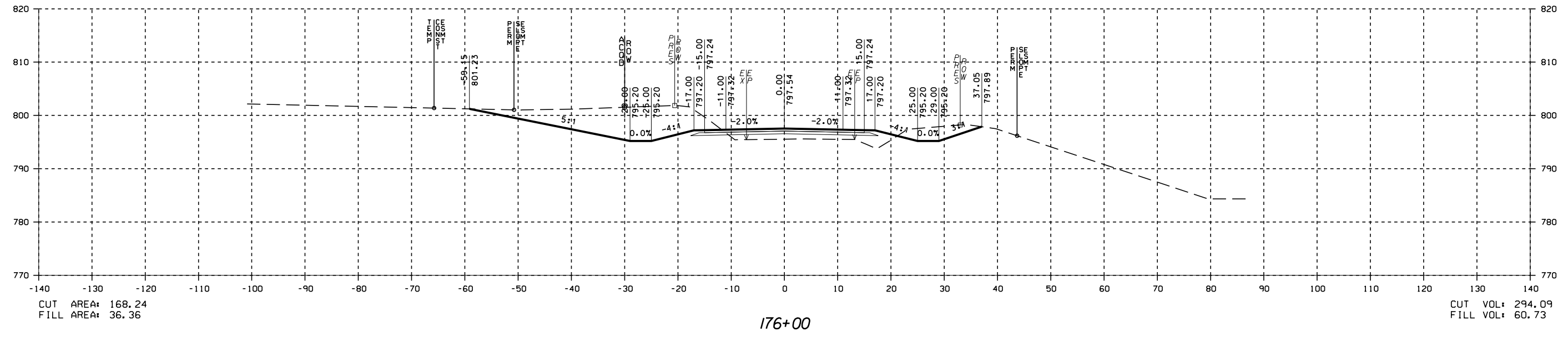
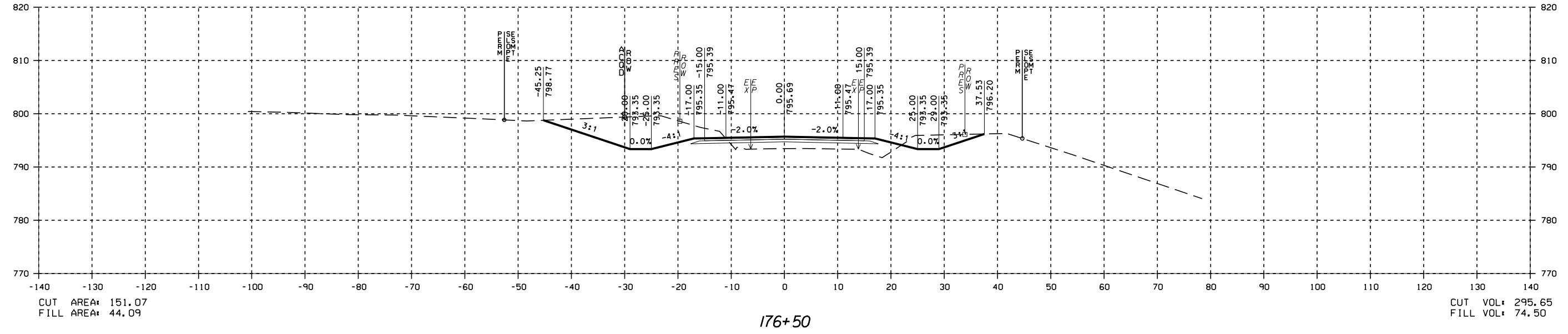
PRELIMINARY
 NOT FOR
 CONSTRUCTION

DATE

CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
 TOWN OF THOMPSON'S STATION
 THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
JK	JK	08/21/2019	ISSUED FOR 30% REVIEW
JK	JK	08/22/2018	REVIEW SET



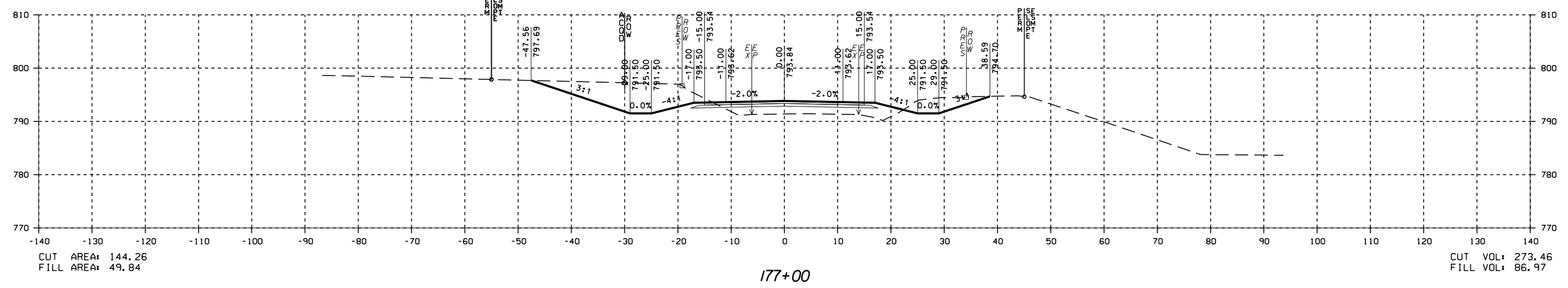
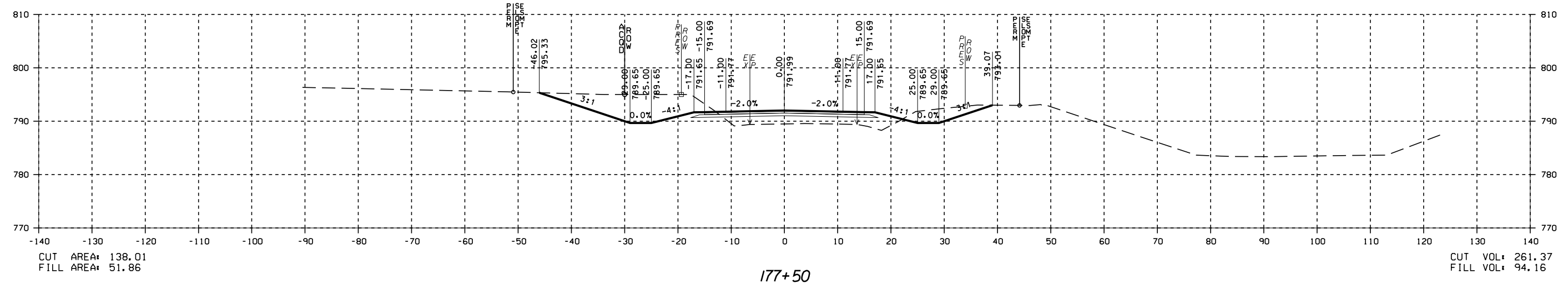
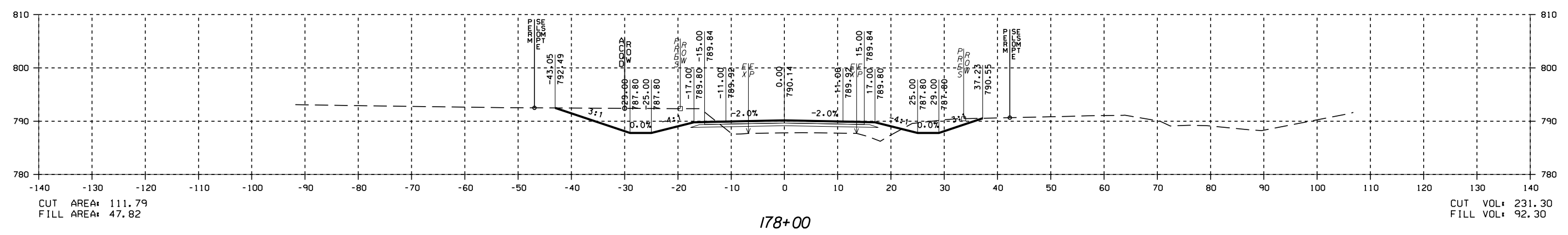
08/20/19
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PRELIMINARY
NOT FOR
CONSTRUCTION

DATE

CROSS SECTIONS - CRITZ LANE
CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

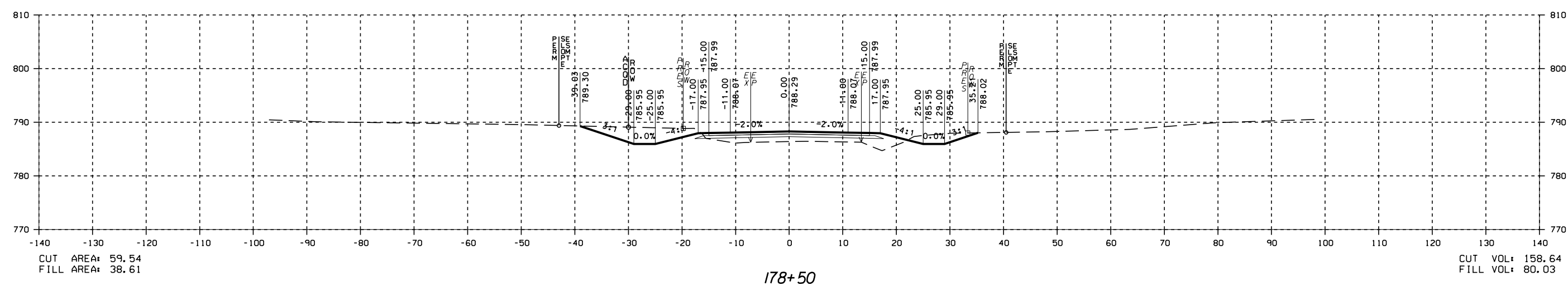
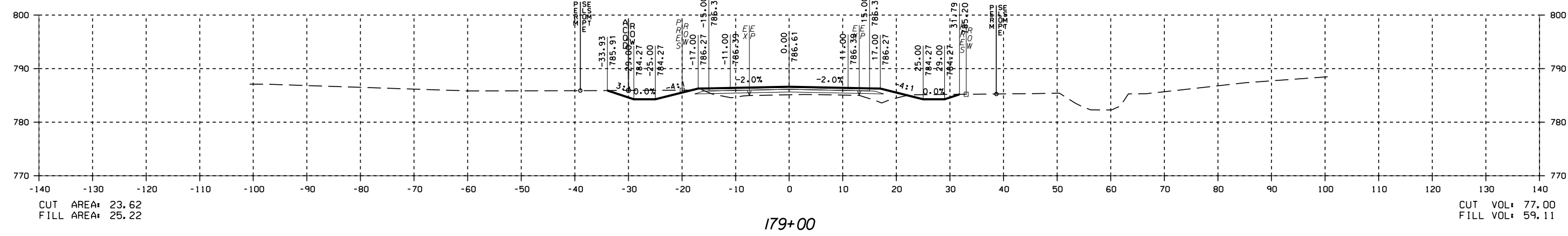
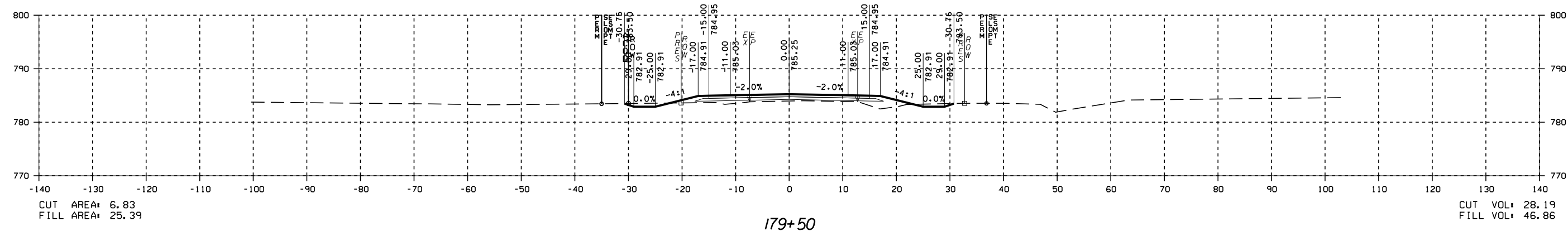
DR.	CHK.	DATE	DESCRIPTION
JK	JK	05-12-2017	ISSUED FOR 30% REVIEW
JK	JK	05-22-2018	REVIEW SET



PRELIMINARY
NOT FOR
CONSTRUCTION
DATE _____

CROSS SECTIONS - CRITZ LANE
CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

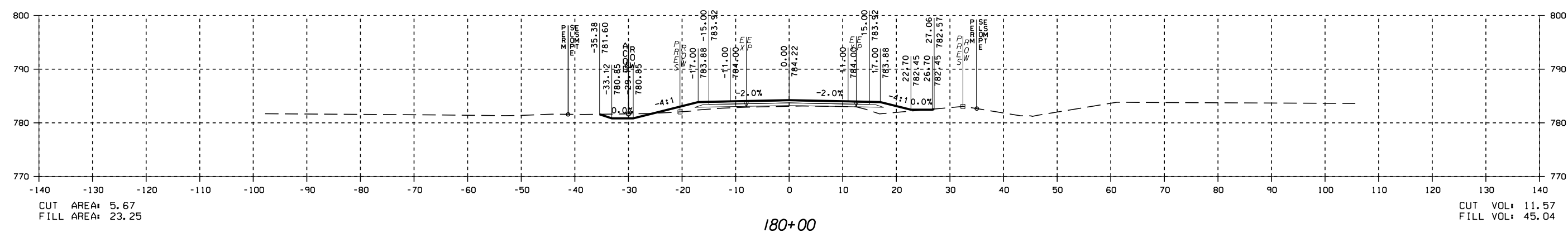
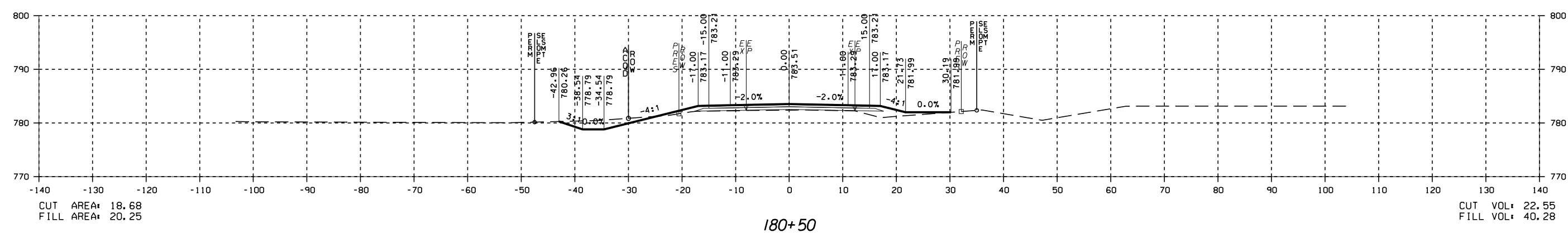
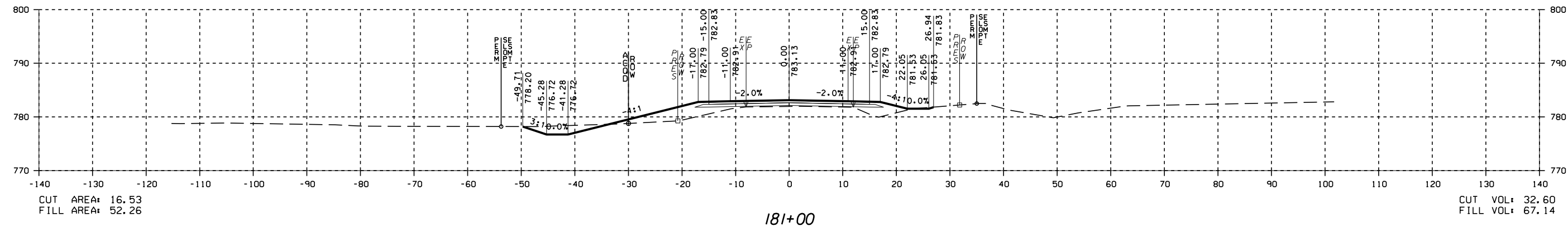
DIS.	CHK.	DATE	DESCRIPTION
1	JK	05-21-2017	ISSUED FOR 30% REVIEW
2	JK	05-25-2018	REVIEW SET



PRELIMINARY
NOT FOR
CONSTRUCTION

DATE

CROSS SECTIONS - CRITZ LANE
CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

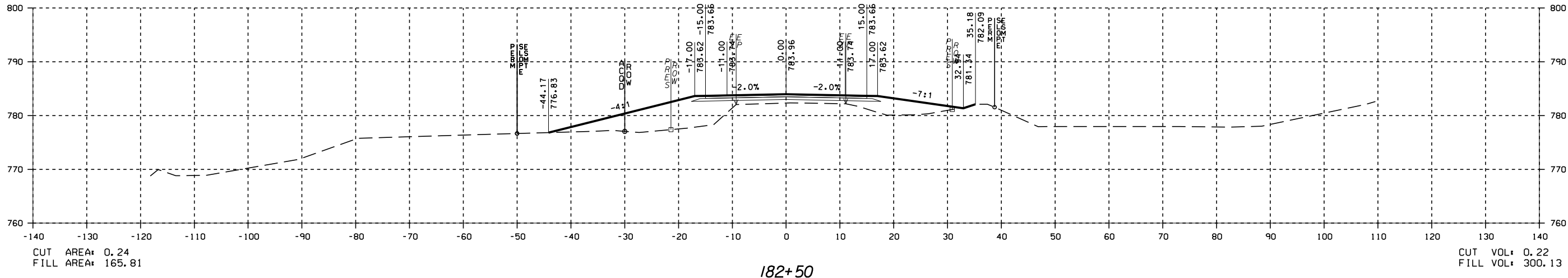


DR.	CHK.	DATE	DESCRIPTION
JK	JK	05-12-2017	ISSUED FOR 30% REVIEW
JK	JK	05-22-2018	REVIEW SET

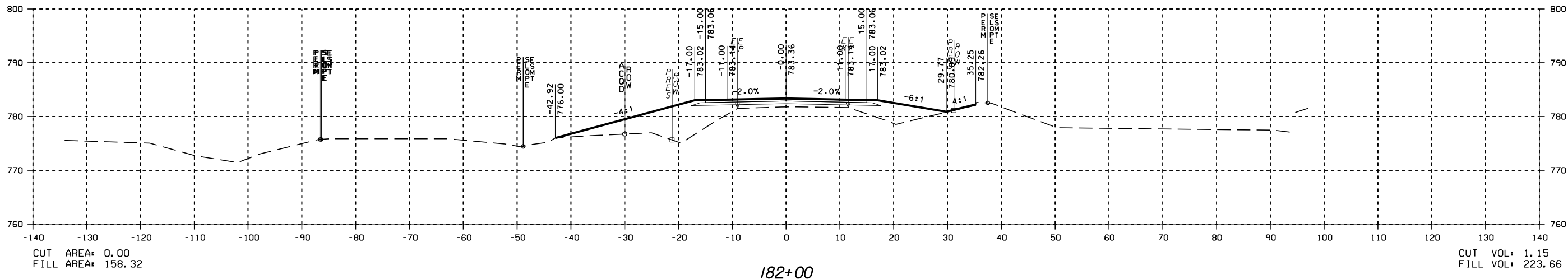
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CONSTRUCTION

CROSS SECTIONS - CRITZ LANE
CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

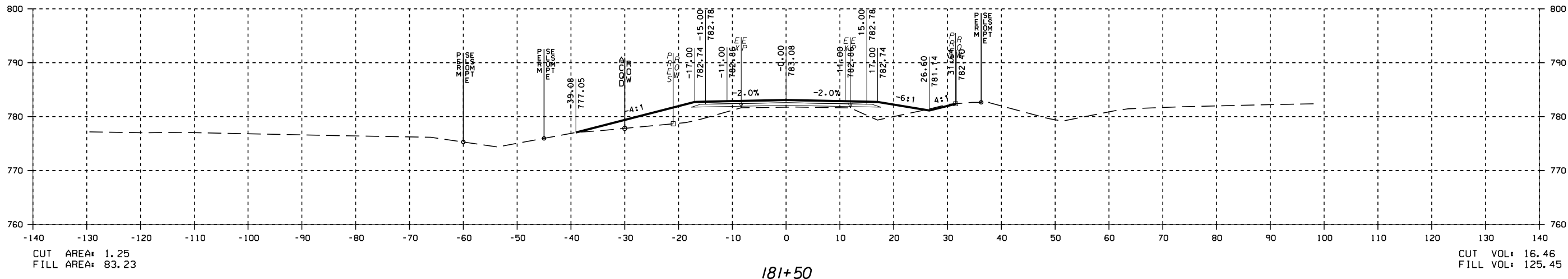
DR.	CHK.	DATE	DESCRIPTION
		05-12-2017	ISSUED FOR 30% REVIEW
		05-25-2018	REVIEW SET



182+50



182+00

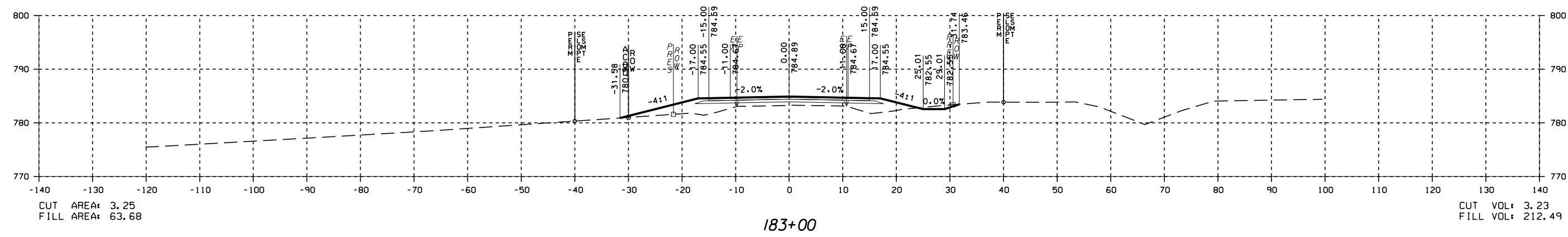
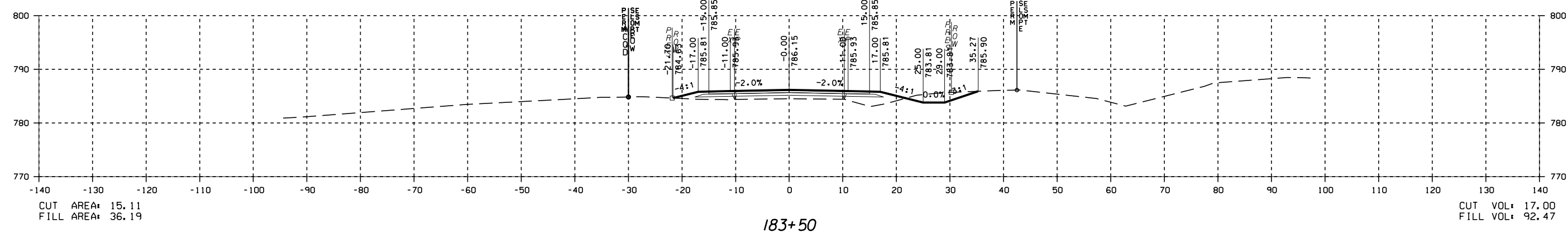
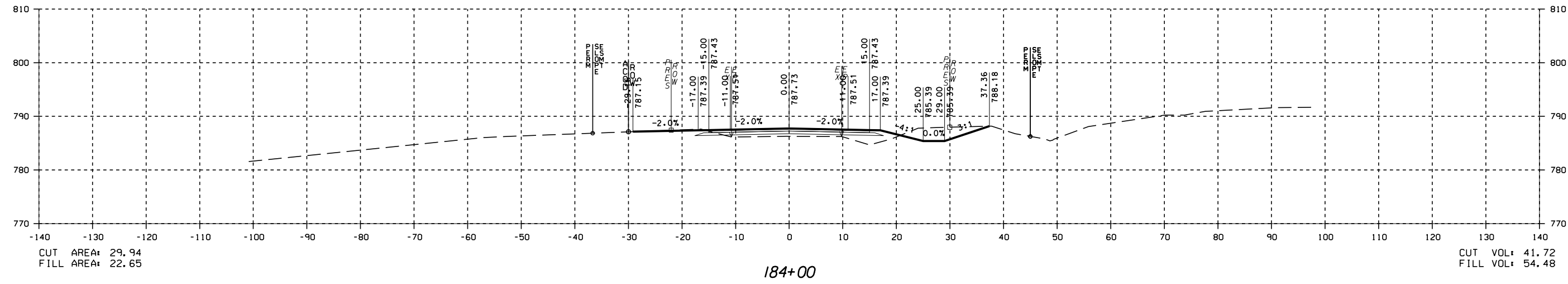


181+50

PRELIMINARY
NOT FOR
CONSTRUCTION

CROSS SECTIONS - CRITZ LANE
CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
	JR	05-12-2017	ISSUED FOR 30% REVIEW
	KP	JR	05-22-2018
	JR	05-22-2018	REVIEW SET



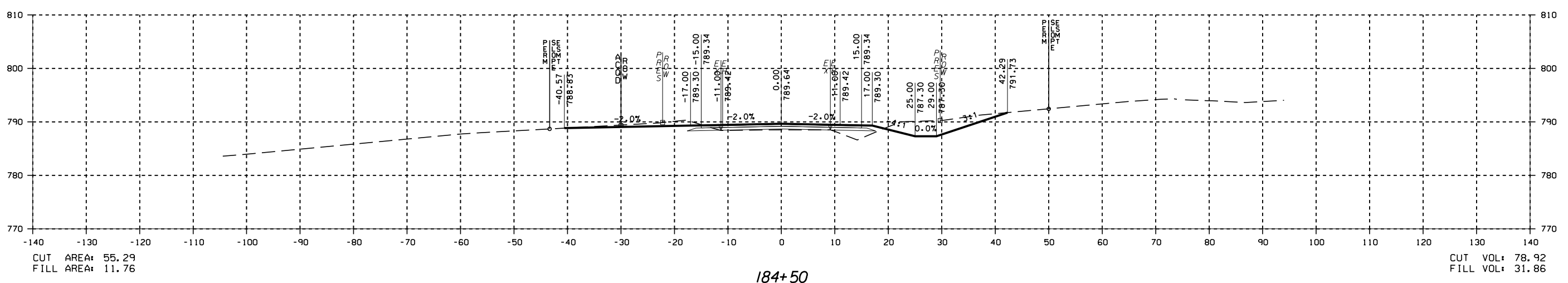
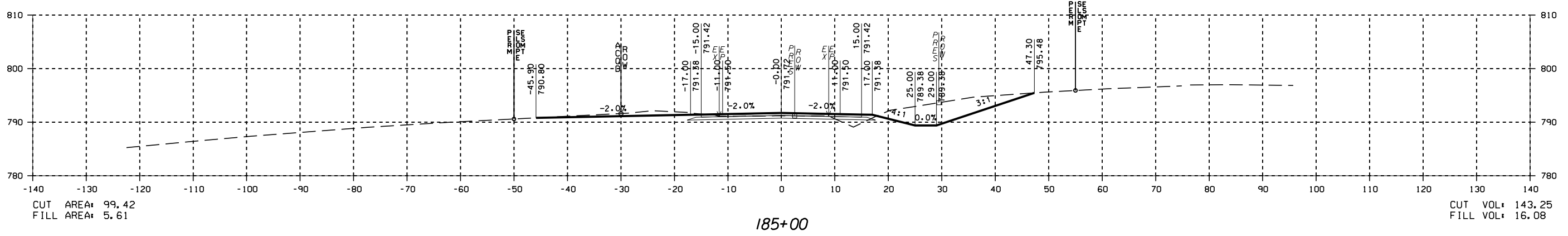
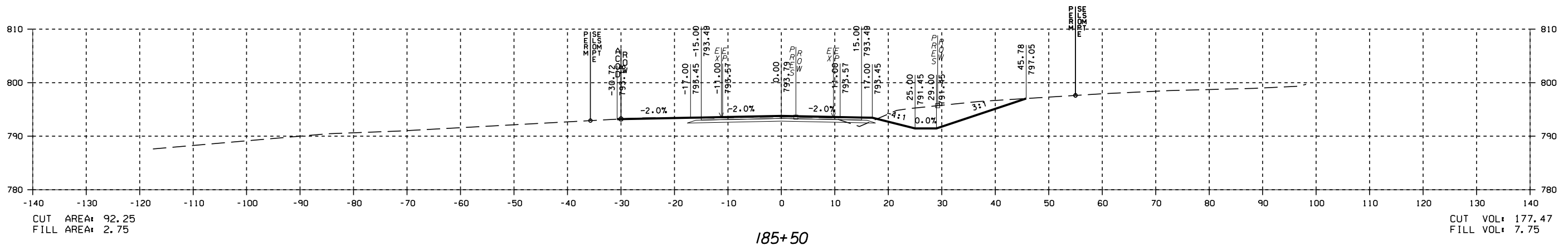
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CONSTRUCTION

DATE

CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
		05-12-2017	ISSUED FOR 30% REVIEW
		05-22-2018	REVIEW SET

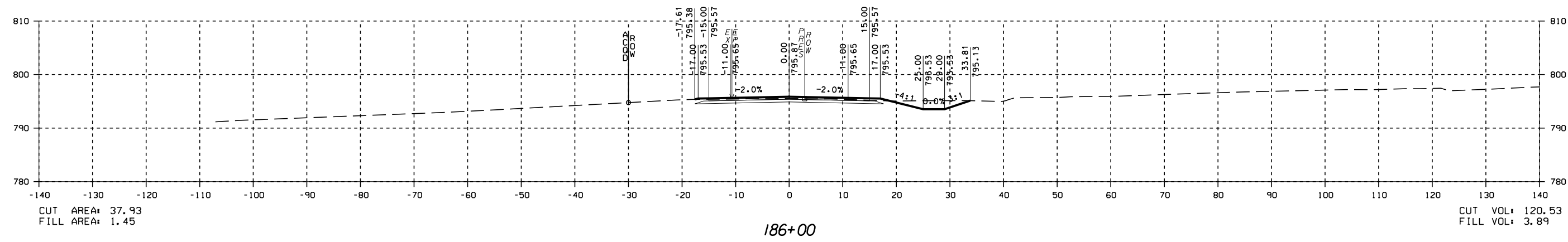
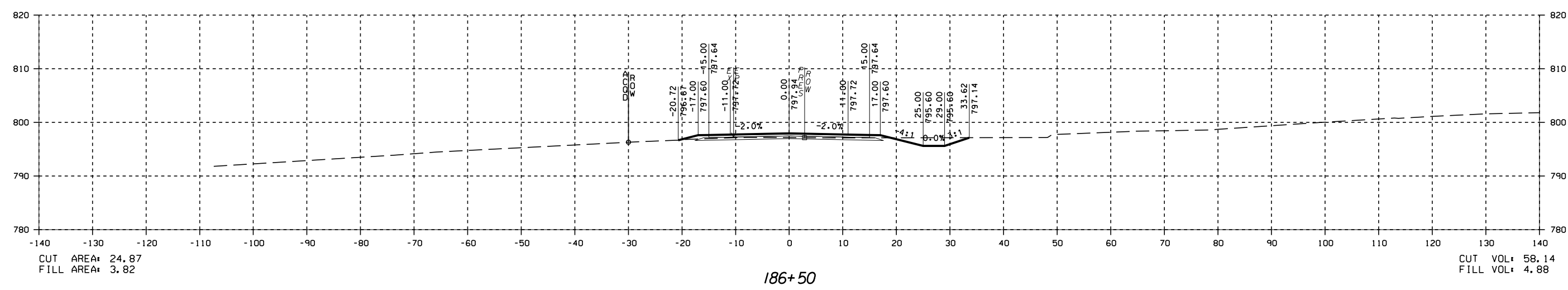
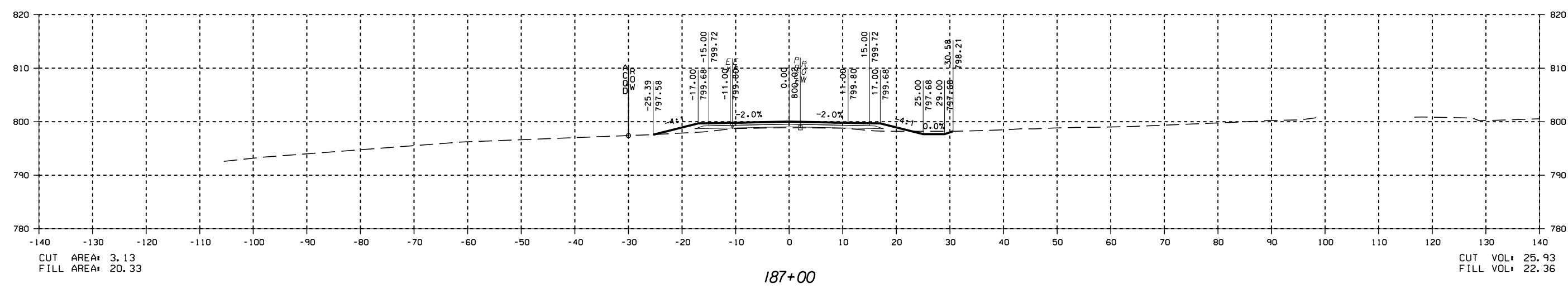


PRELIMINARY
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CONSTRUCTION

DATE _____

CROSS SECTIONS - CRITZ LANE
CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DATE	CHK.	DATE	DESCRIPTION
05-21-2017	JR	05-21-2017	ISSUED FOR 30% REVIEW
05-22-2018	JR	05-22-2018	REVIEW SET



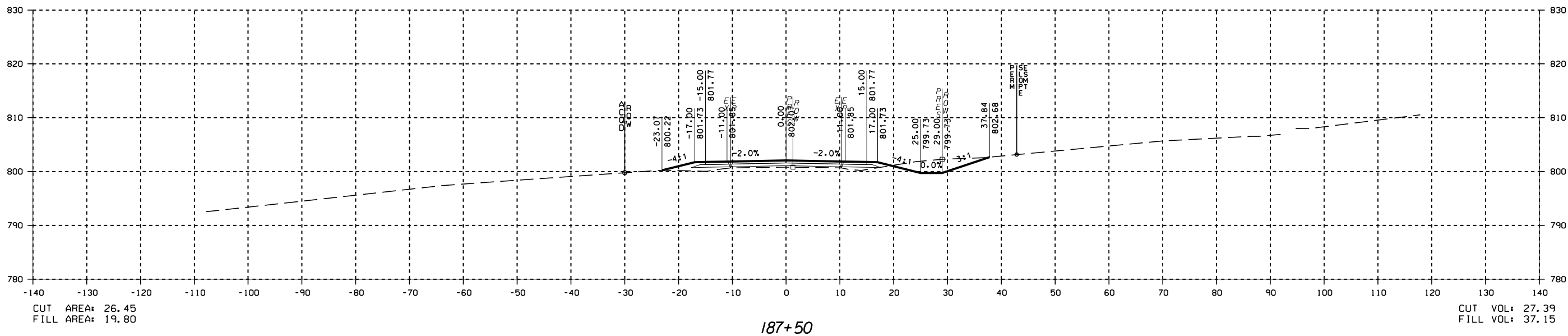
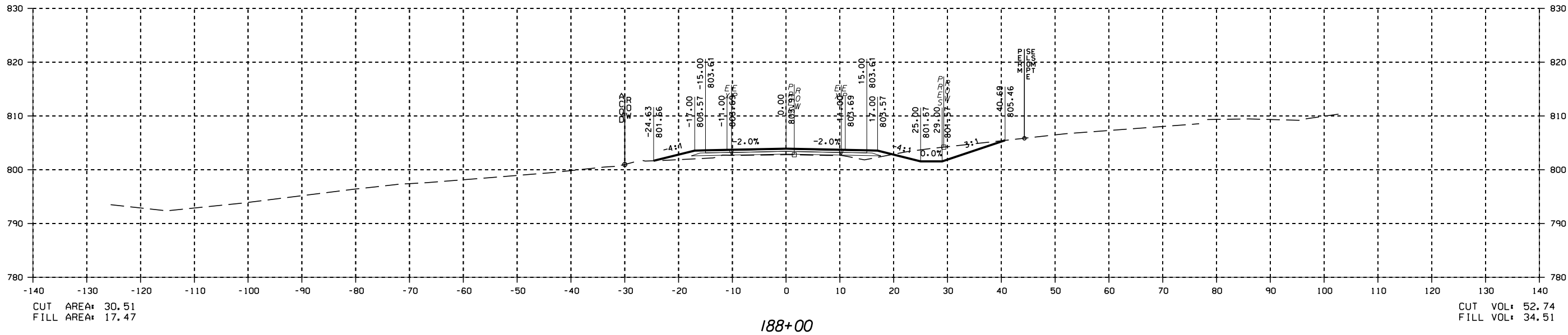
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DATE

CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS TOWN OF THOMPSON'S STATION THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
	JK	05-12-2017	ISSUED FOR 30% REVIEW
	JK	05-22-2018	REVIEW SET

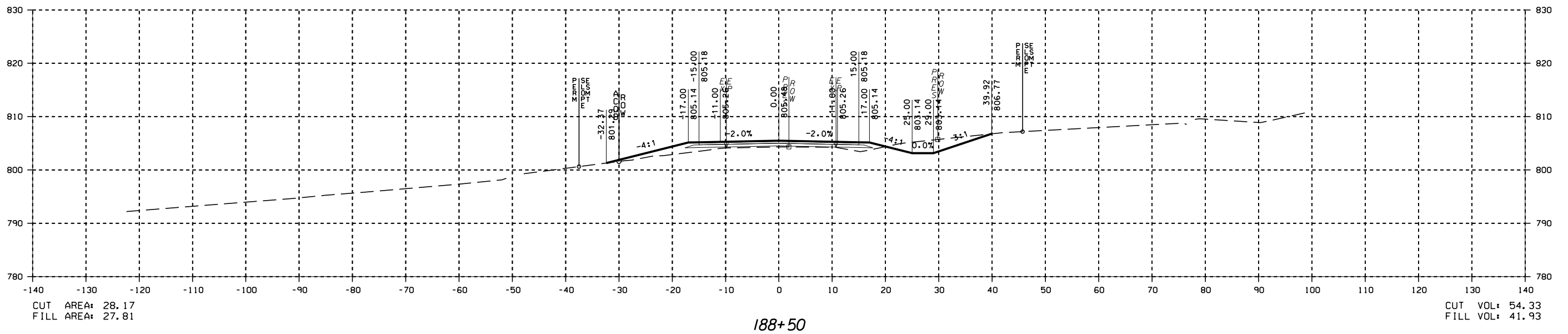
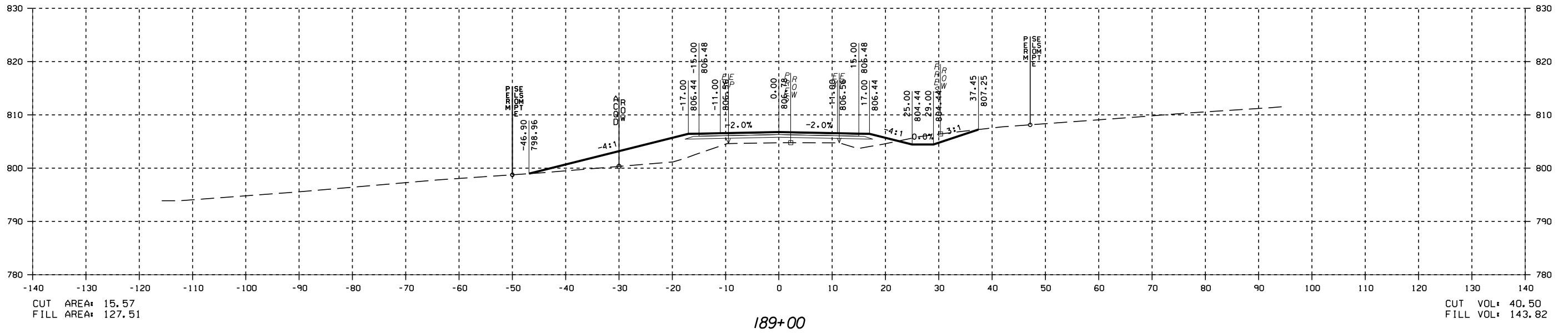


PRELIMINARY
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CONSTRUCTION

DATE

CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE



DR.	CHK.	DATE	DESCRIPTION
JK	JK	05-12-2017	ISSUED FOR 30% REVIEW
JK	JK	05-22-2018	REVIEW SET

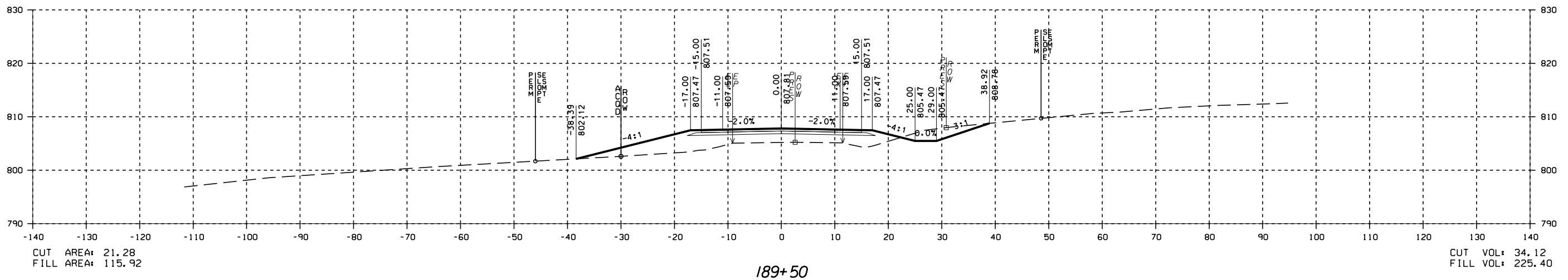
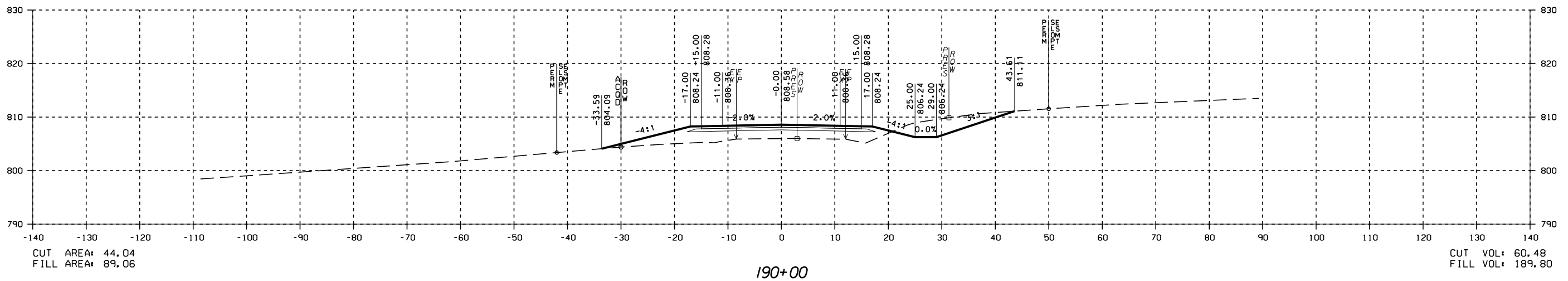
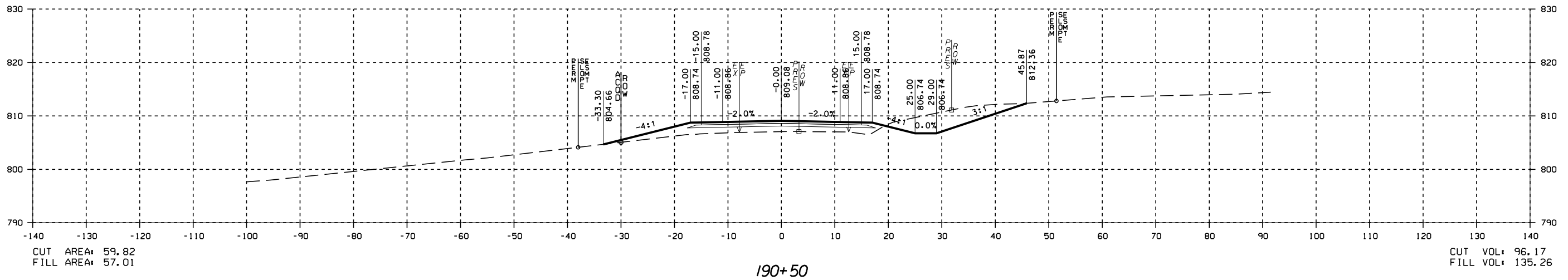
PRELIMINARY
NOT FOR
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DATE

CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
JK	JK	05-12-2017	ISSUED FOR 30% REVIEW
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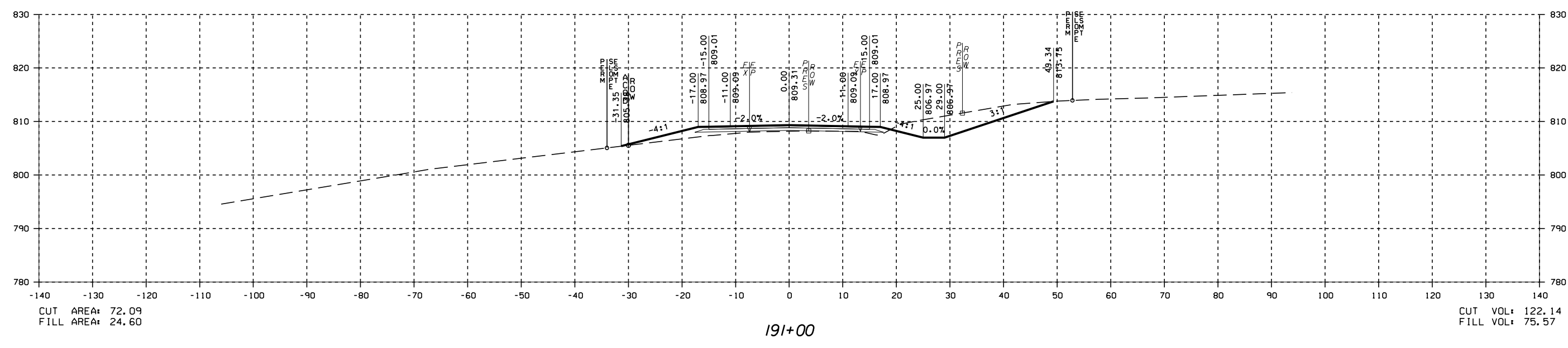
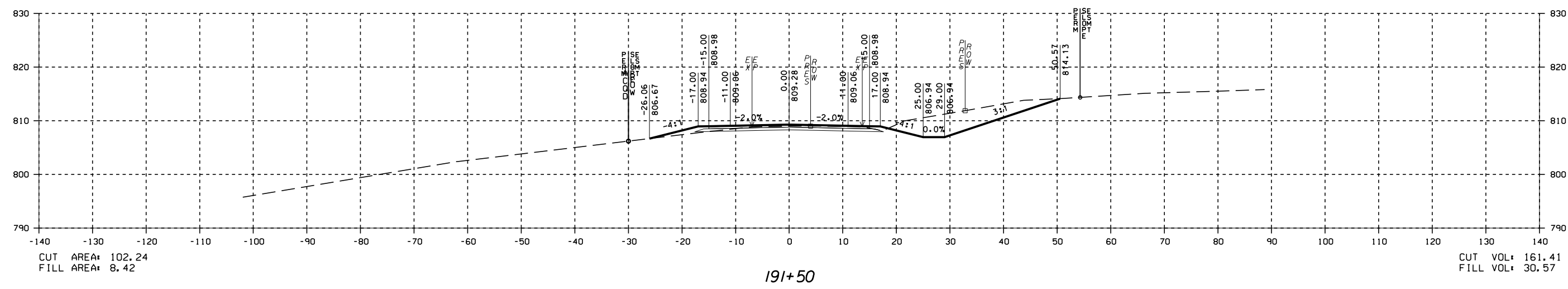
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CROSS SECTIONS - CRITZ LANE
CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
	JR	05-24-2017	ISSUED FOR 30% REVIEW
	KP	05-24-2017	REVIEW SET
	JR	05-25-2018	REVIEW SET

157

FILE NO. 36473-00



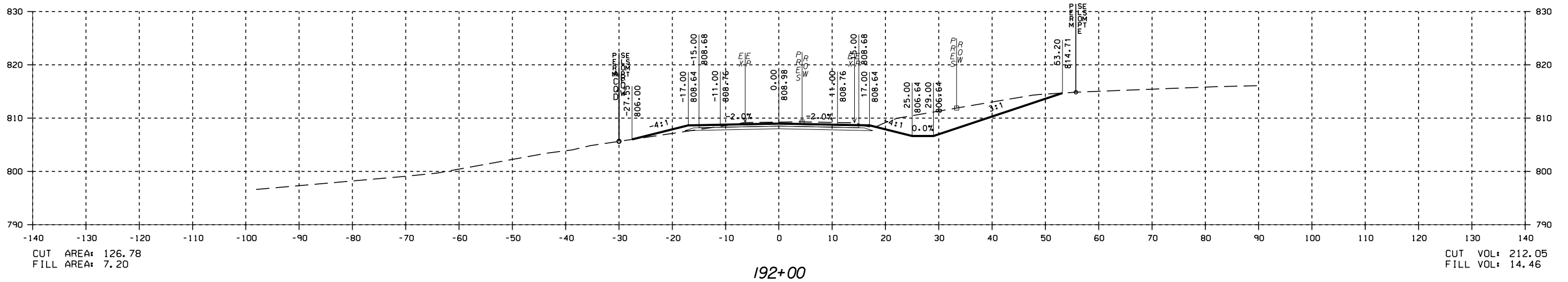
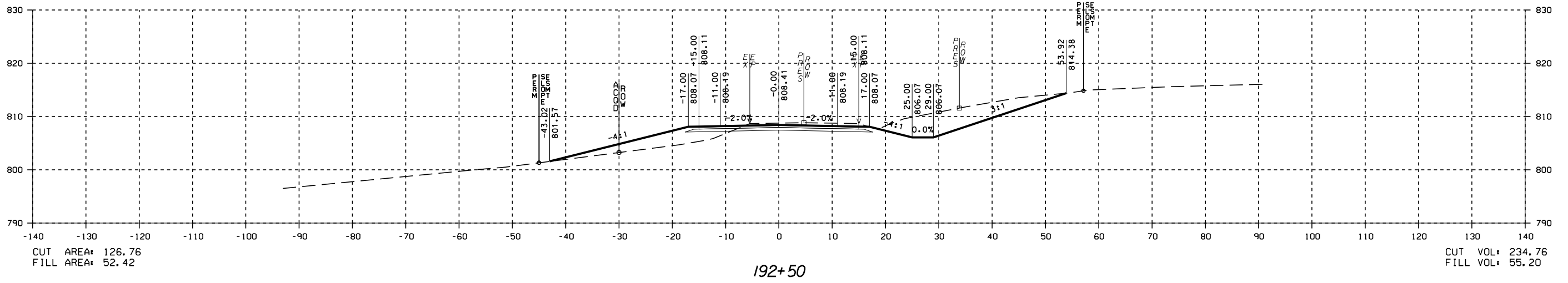
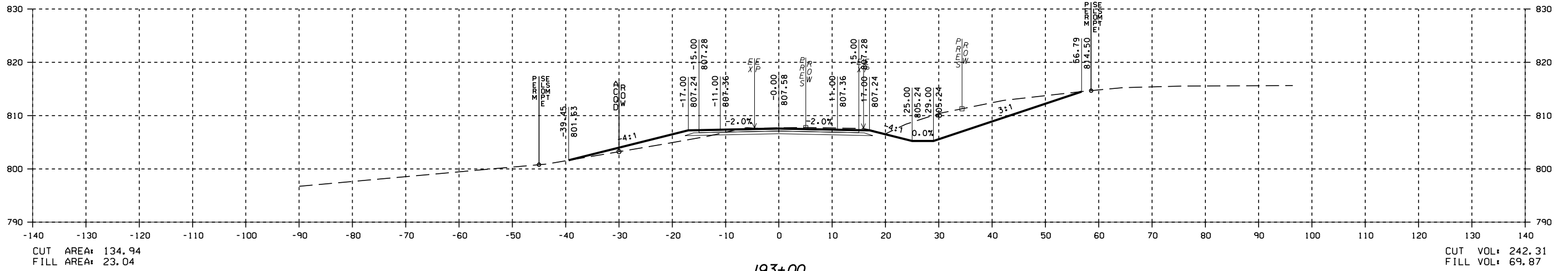
PRELIMINARY
NOT FOR
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CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
		05/21/2017	ISSUED FOR 30% REVIEW
		05/22/2018	REVIEW SET



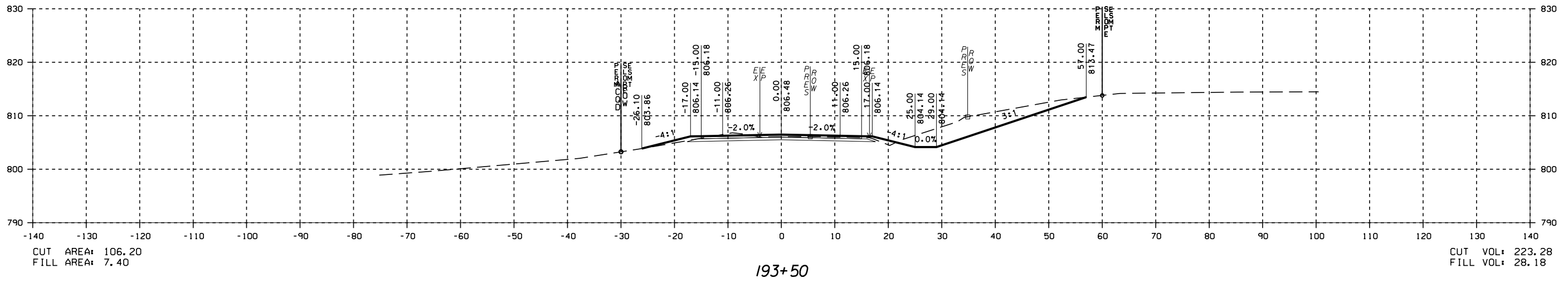
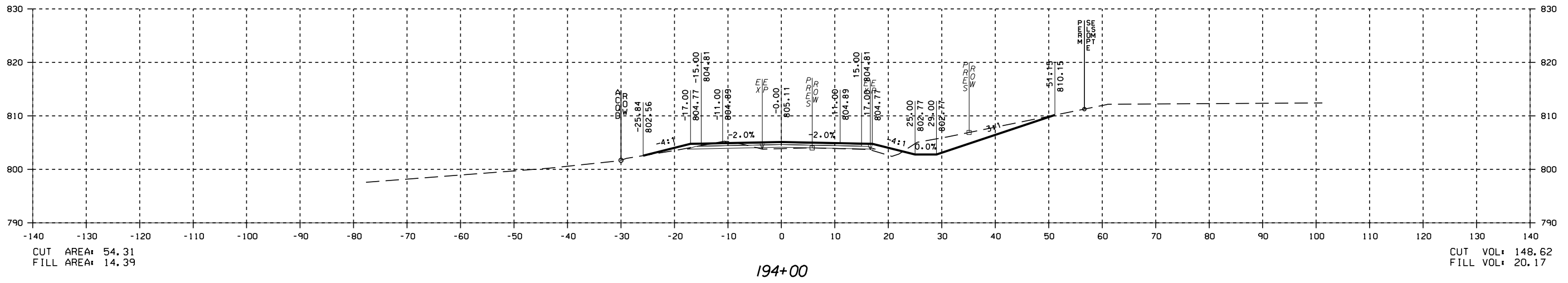
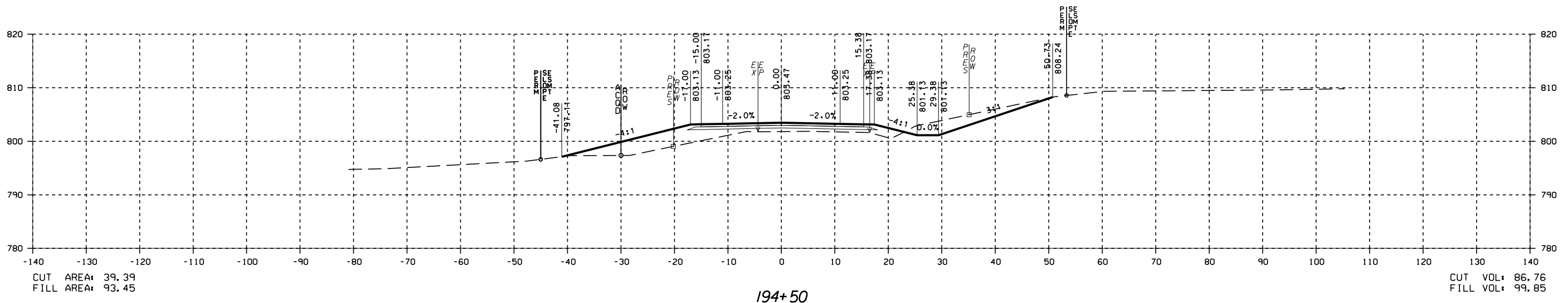
PRELIMINARY
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CONSTRUCTION

DATE

CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
JK	JK	05-24-2017	ISSUED FOR 30% REVIEW
JK	JK	05-25-2018	REVIEW SET



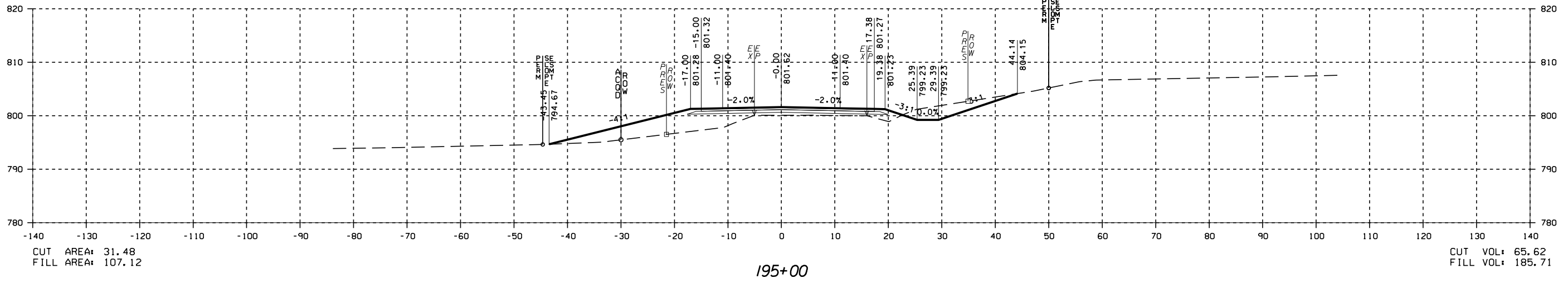
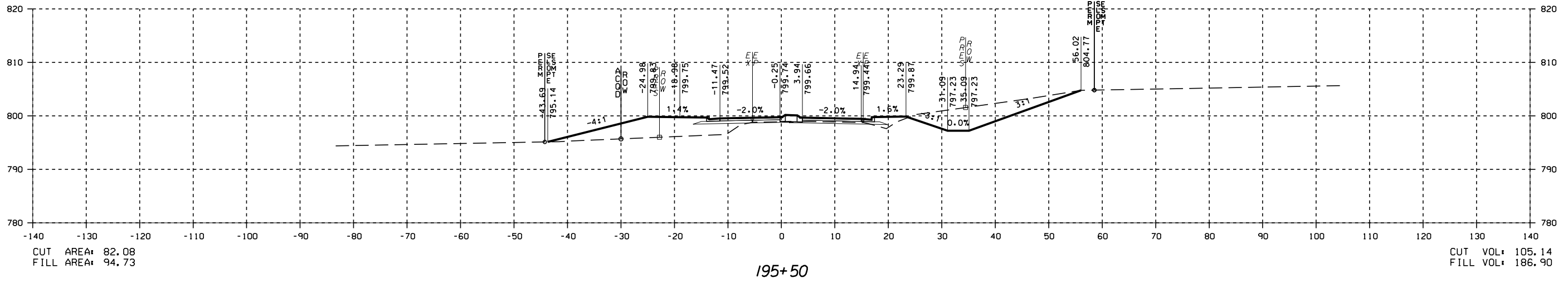
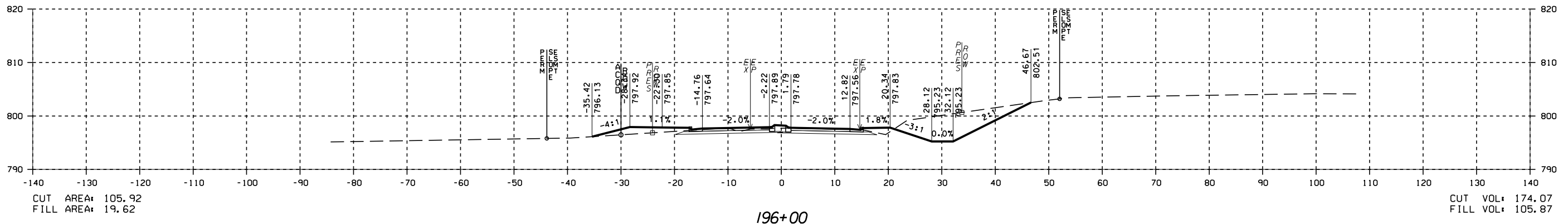
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DATE

CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
JK	JK	05-12-2017	ISSUED FOR 30% REVIEW
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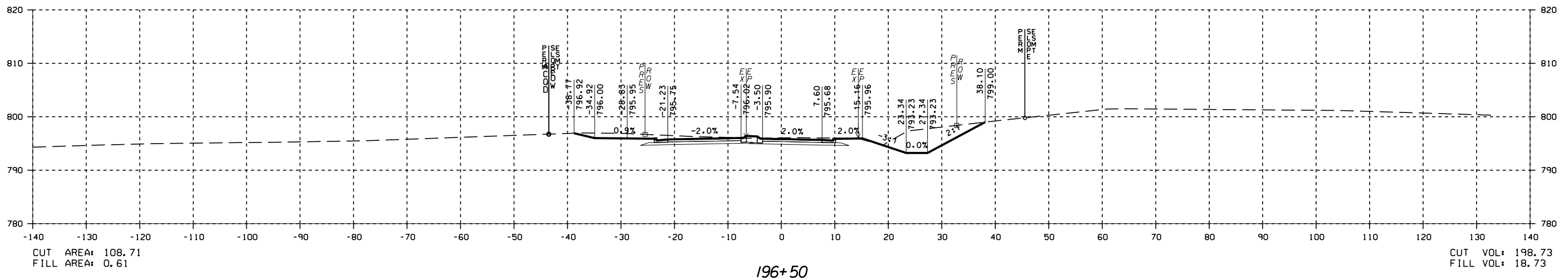
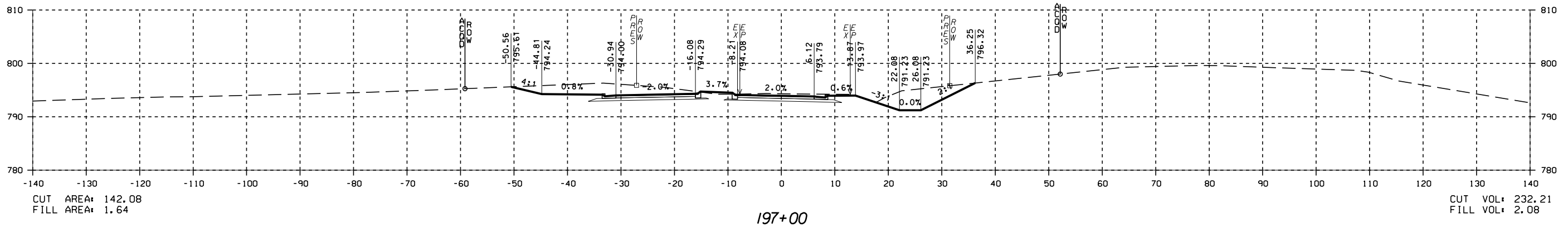
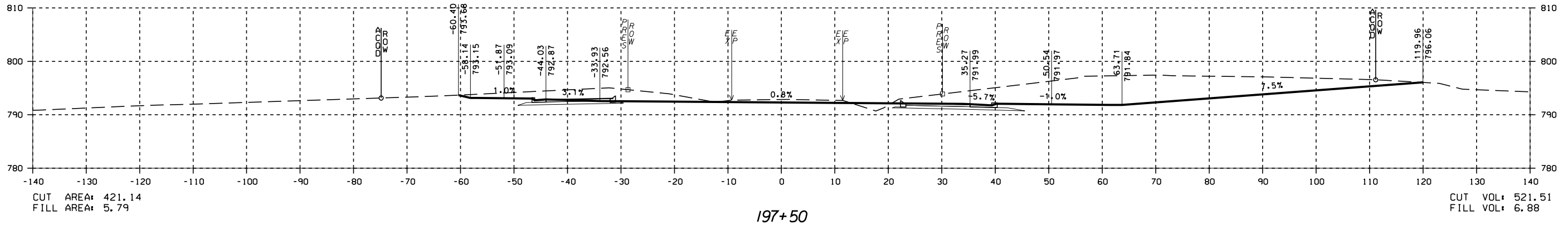
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CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DIS.	CHK.	DATE	DESCRIPTION
1	JK	05-12-2017	ISSUED FOR 30% REVIEW
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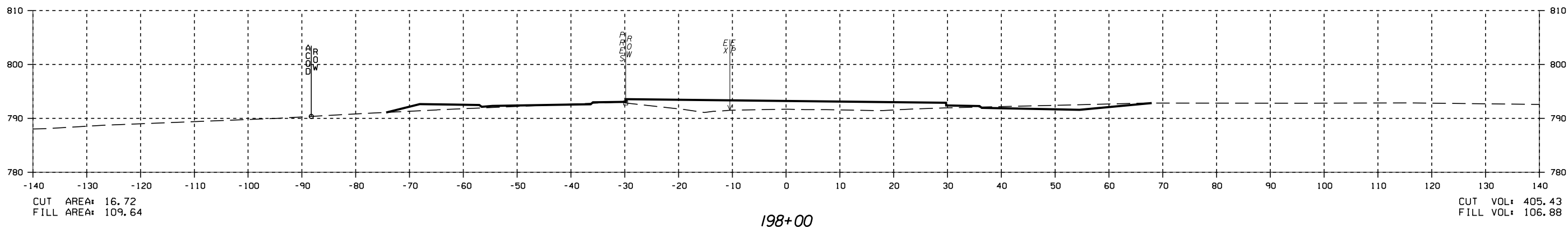
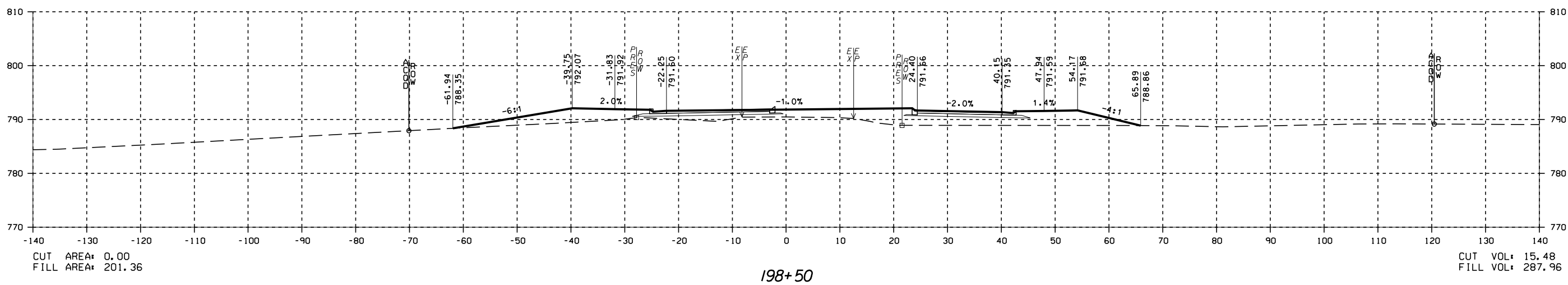
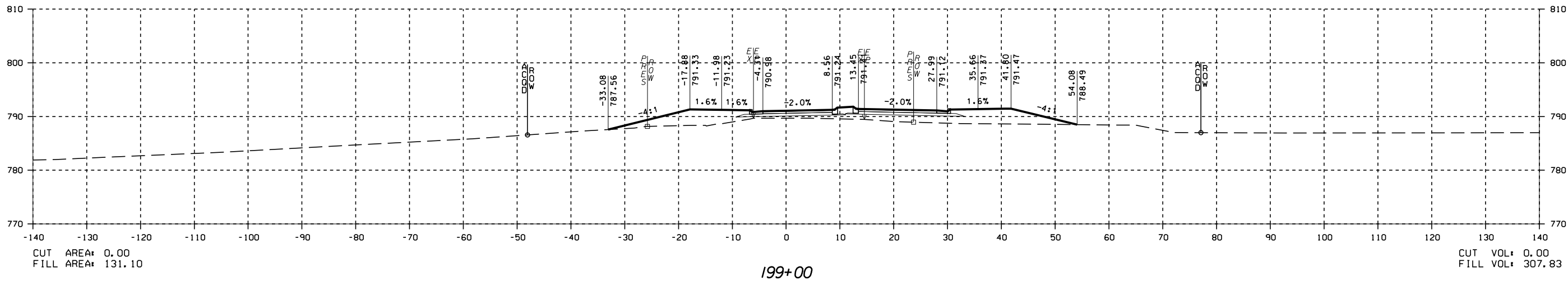


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CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE



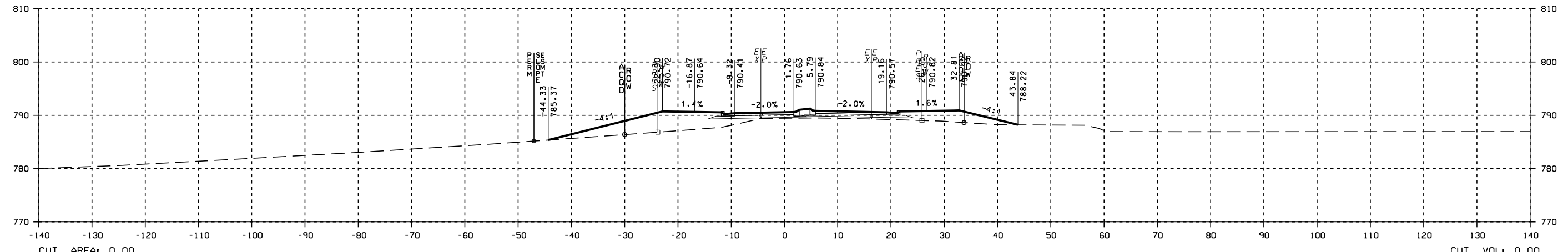
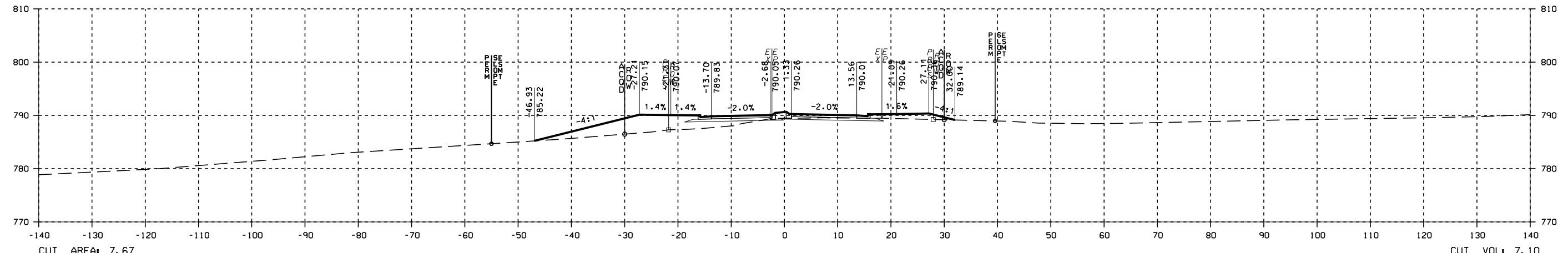
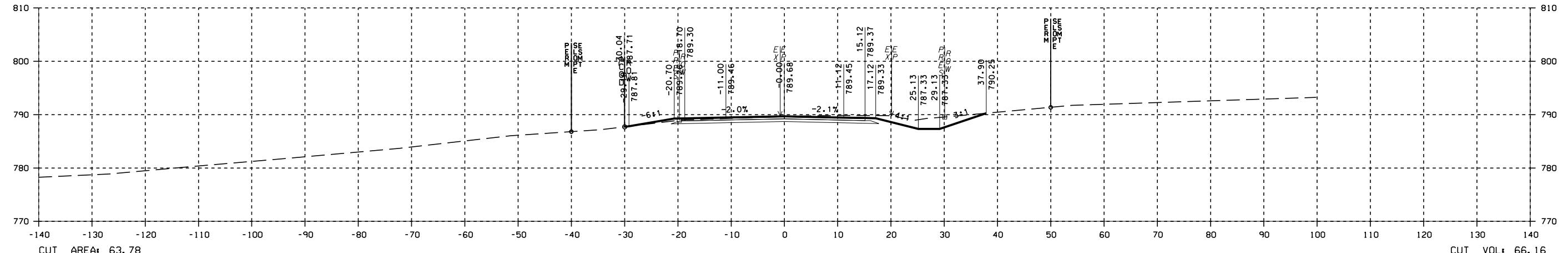
DR.	CHK.	DATE	DESCRIPTION
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TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE



DIS.	CHK.	DATE	DESCRIPTION
	JK	05-19-2017	ISSUED FOR 30% REVIEW
	KP		
	JR	05-22-2018	REVIEW SET

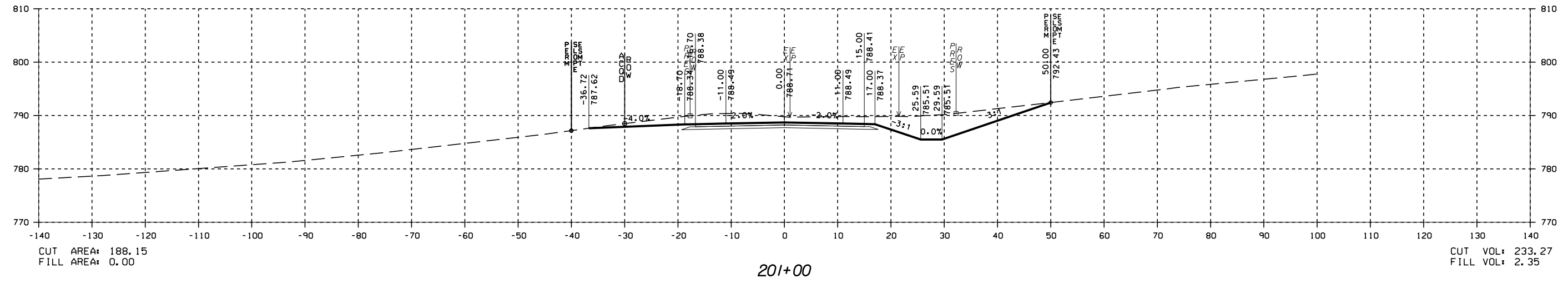
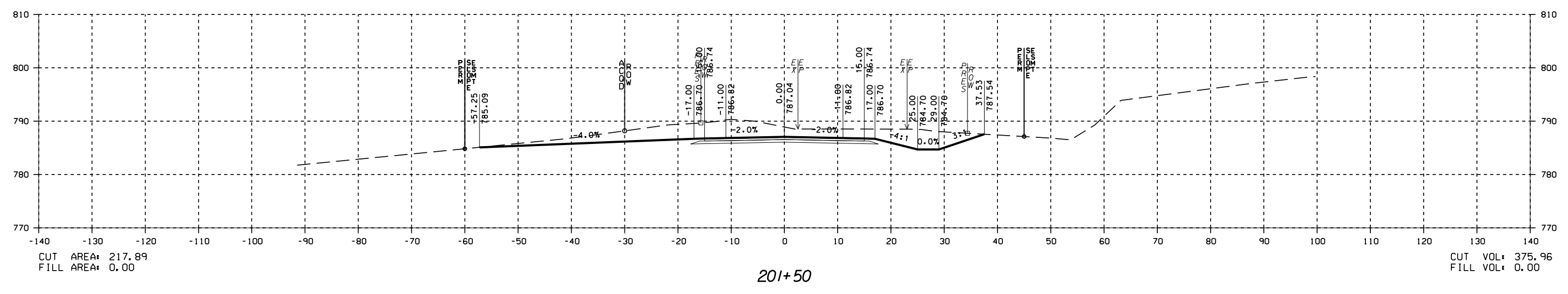
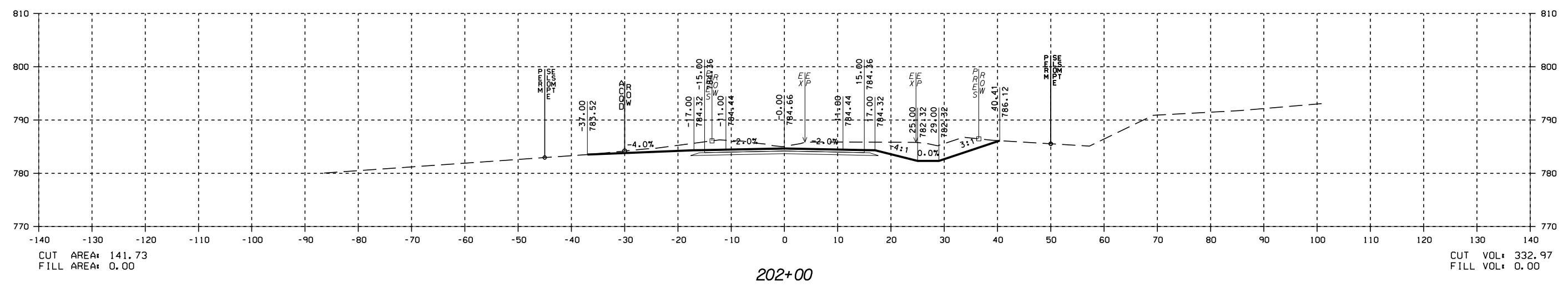
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TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

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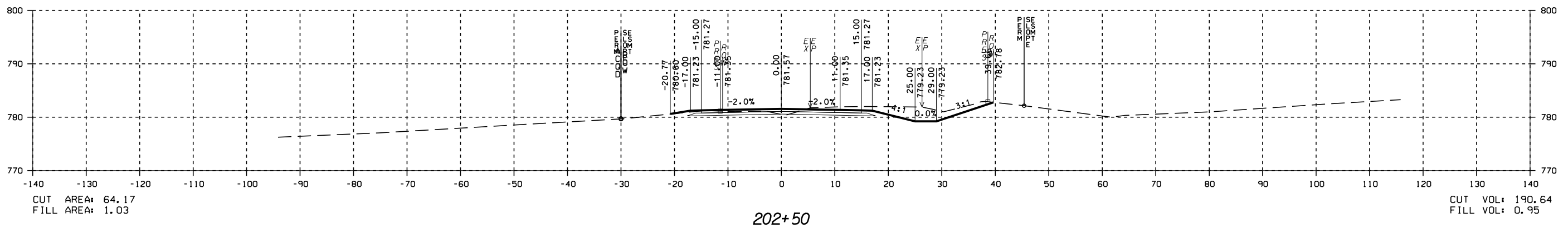
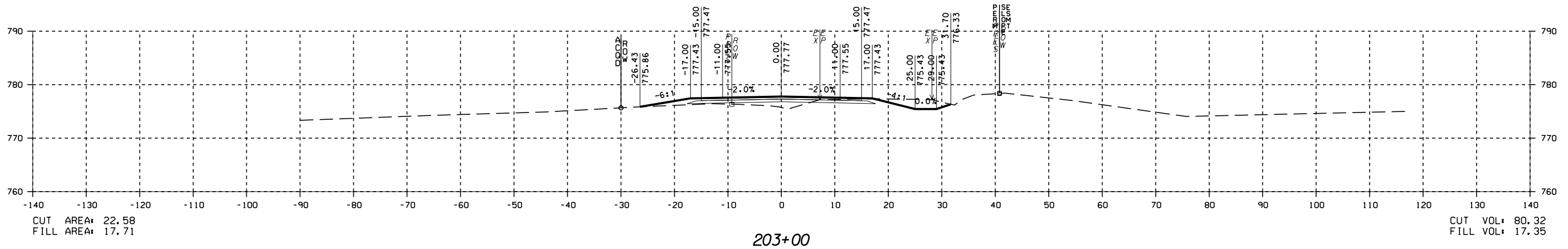
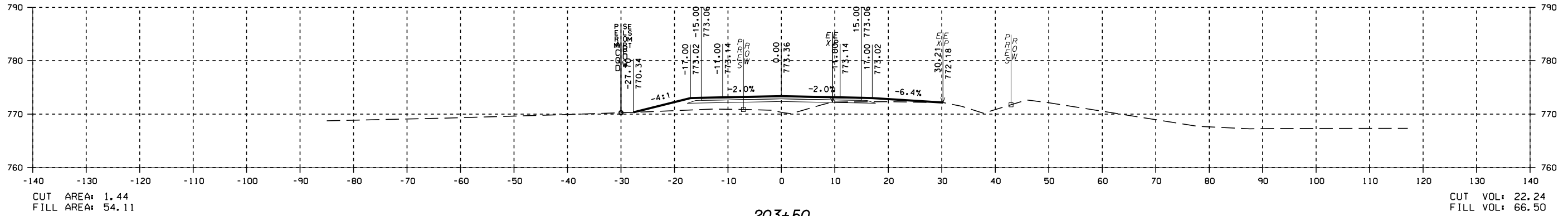
PRELIMINARY
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CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

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JK	JK	05-12-2017	ISSUED FOR 30% REVIEW
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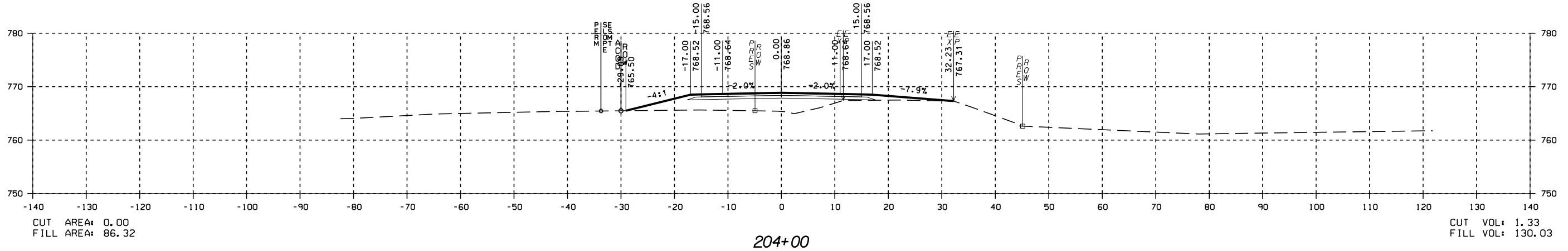
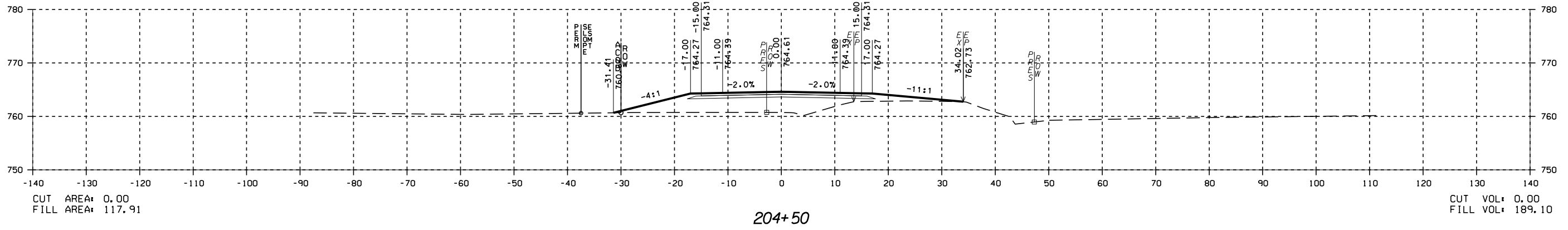
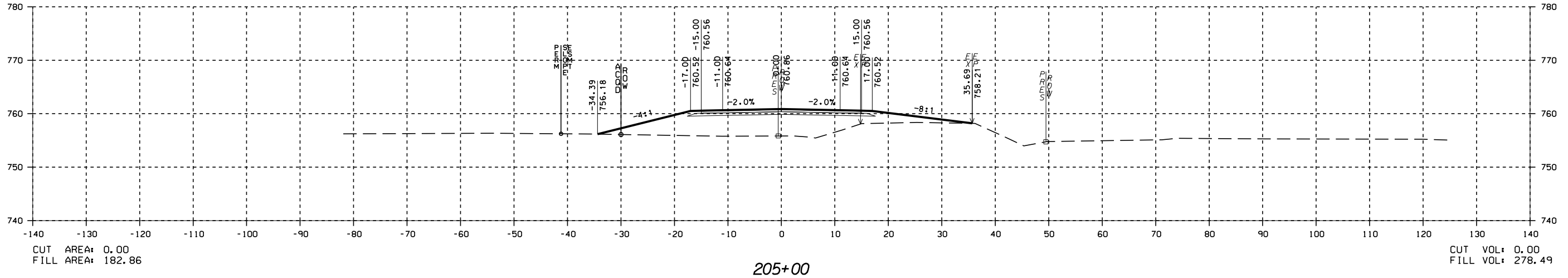
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TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

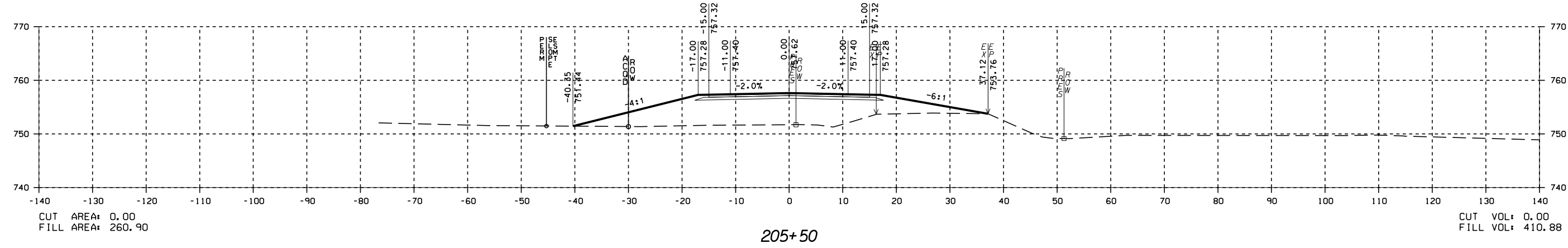
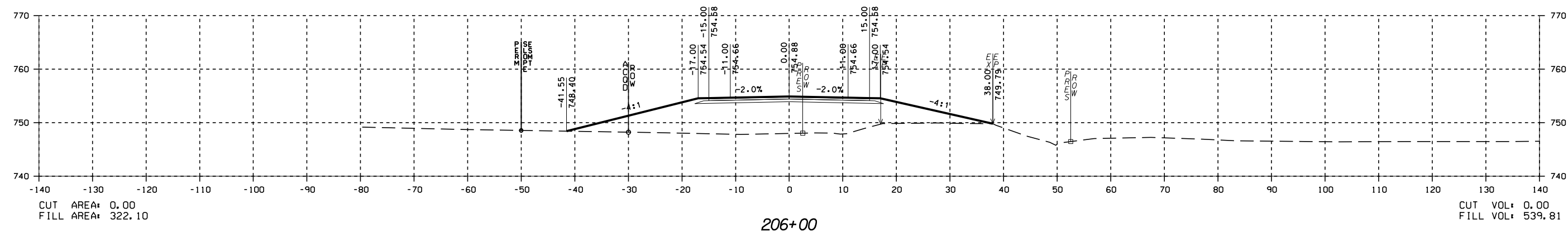
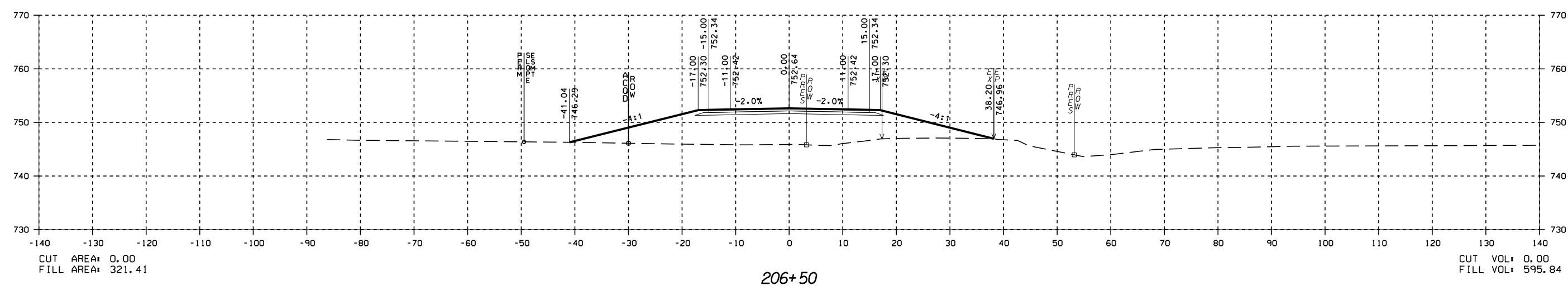
DATE	DESCRIPTION
08/20/19	ISSUED FOR 30% REVIEW
08/22/2018	REVIEW SET



PRELIMINARY
NOT FOR
CONSTRUCTION

DATE

CROSS SECTIONS - CRITZ LANE
CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE



CHK.	DATE	DESCRIPTION
JK	05-12-2017	ISSUED FOR 30% REVIEW
JK	05-22-2018	REVIEW SET

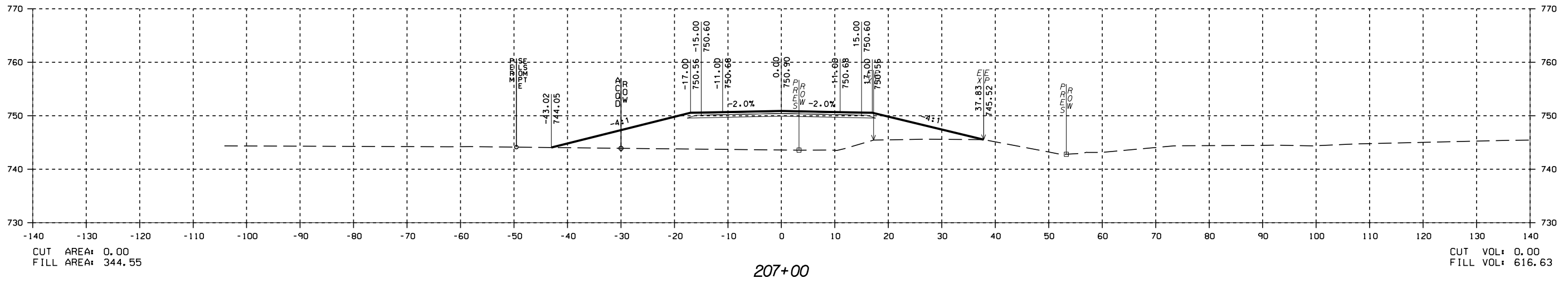
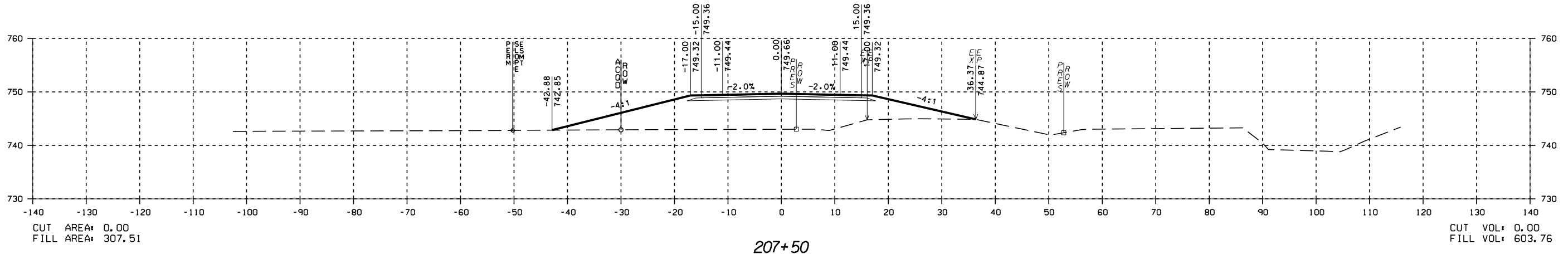
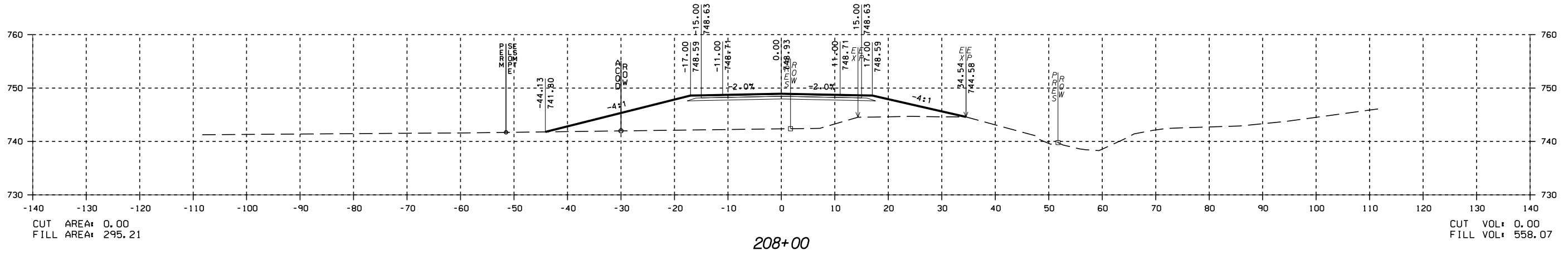
PRELIMINARY
NOT FOR
CONSTRUCTION

DATE

CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DESCRIPTION
ISSUED FOR 30% REVIEW
REVIEW SET

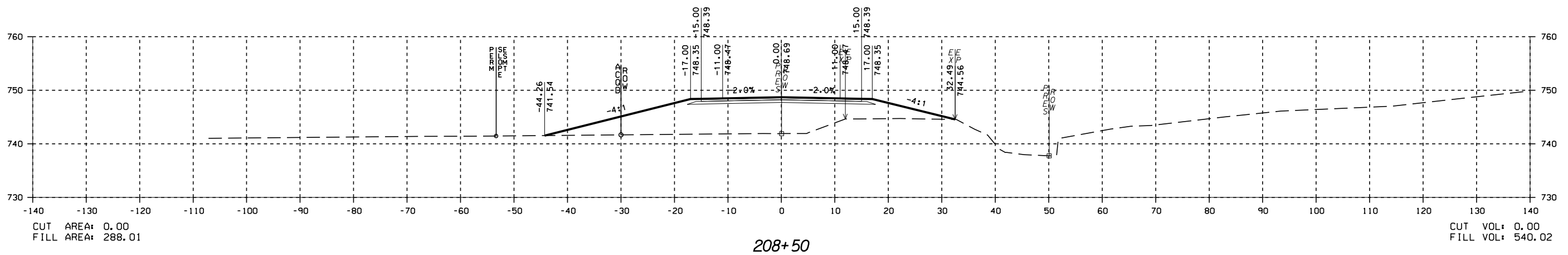
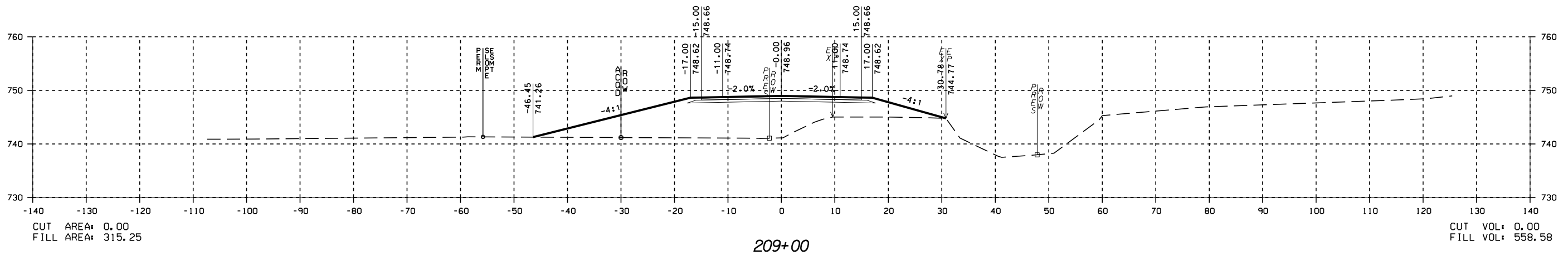
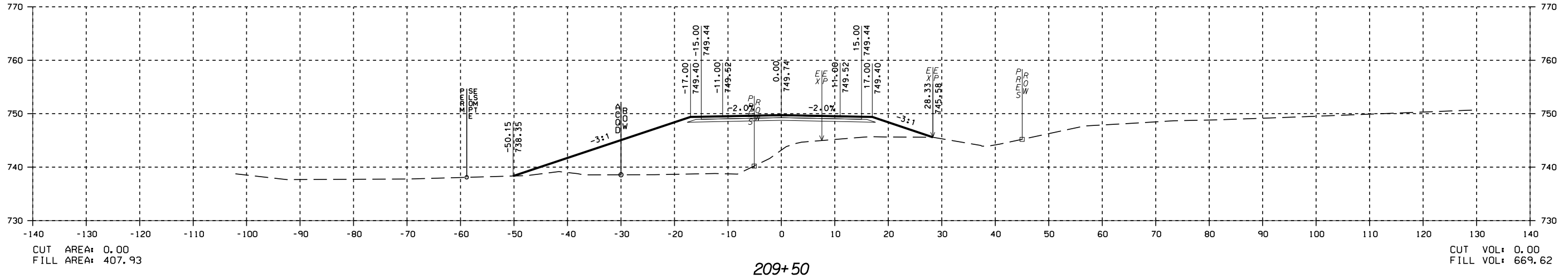


PRELIMINARY
NOT FOR
CONSTRUCTION

DATE

CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE



DATE	CHK	DATE	DESCRIPTION
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05-22-2018	JR	05-22-2018	REVIEW SET

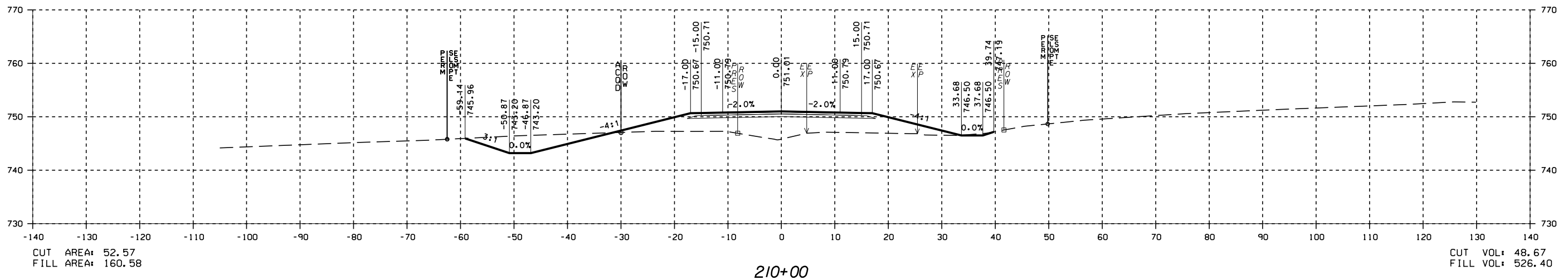
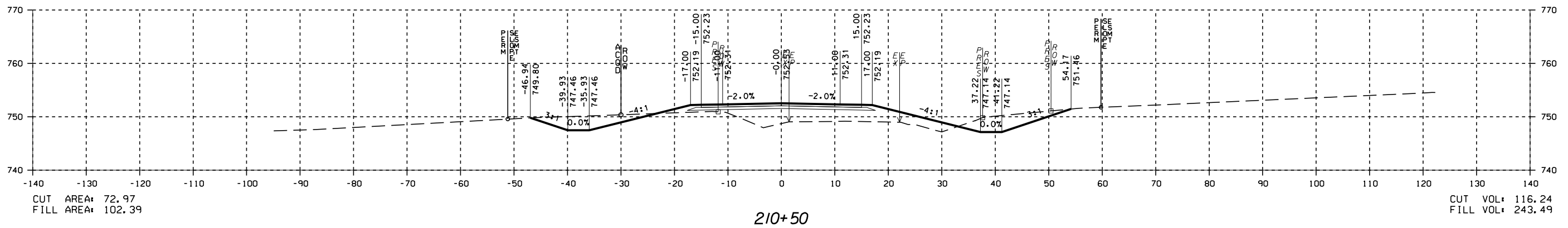
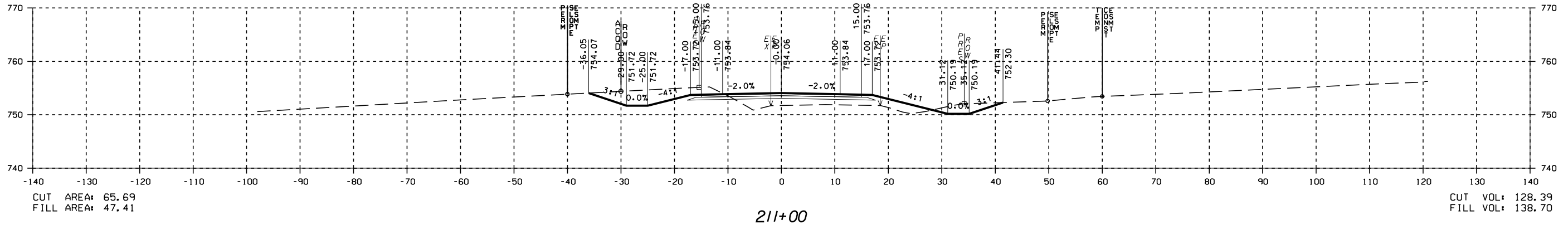
PRELIMINARY
NOT FOR
CONSTRUCTION

DATE

CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
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	JK	05-22-2018	REVIEW SET

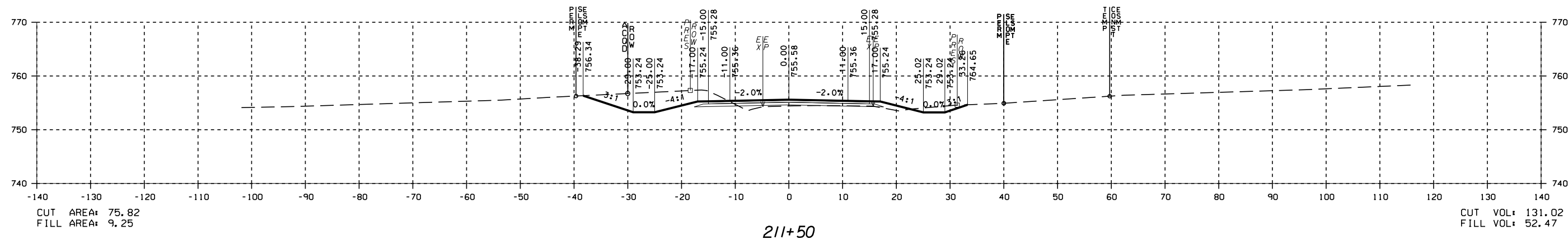
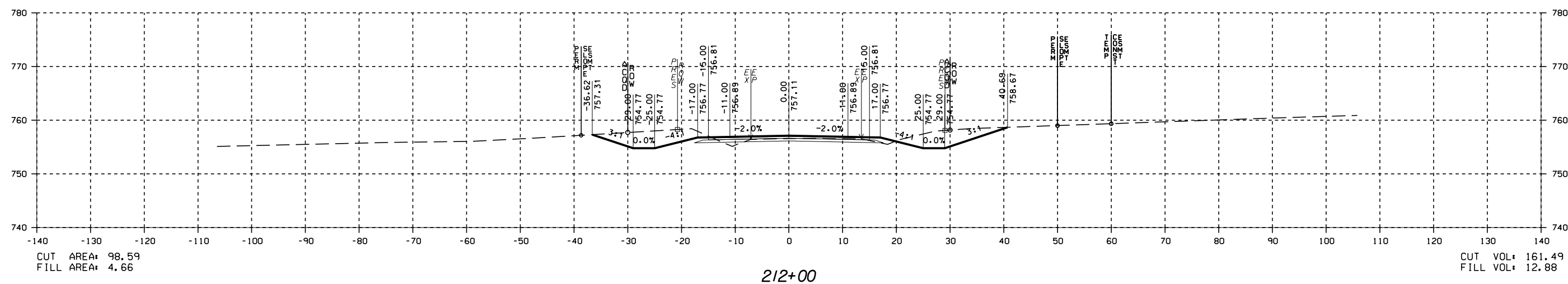
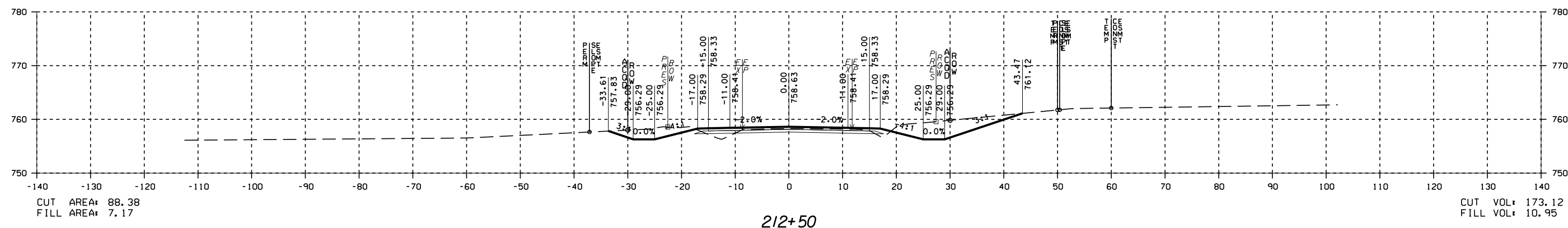


PRELIMINARY
NOT FOR
CONSTRUCTION

DATE _____

CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS TOWN OF THOMPSON'S STATION THOMPSON'S STATION, TENNESSEE



DR.	CHK.	DATE	DESCRIPTION
JK	JK	05-12-2017	ISSUED FOR 30% REVIEW
JK	JK	05-22-2018	REVIEW SET

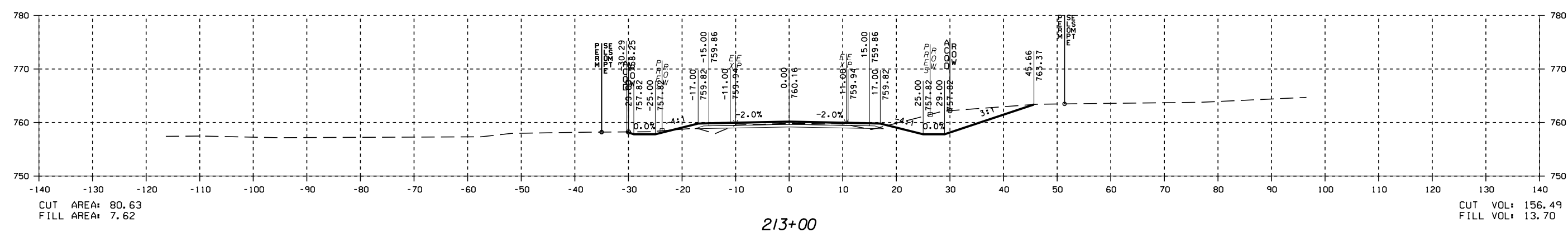
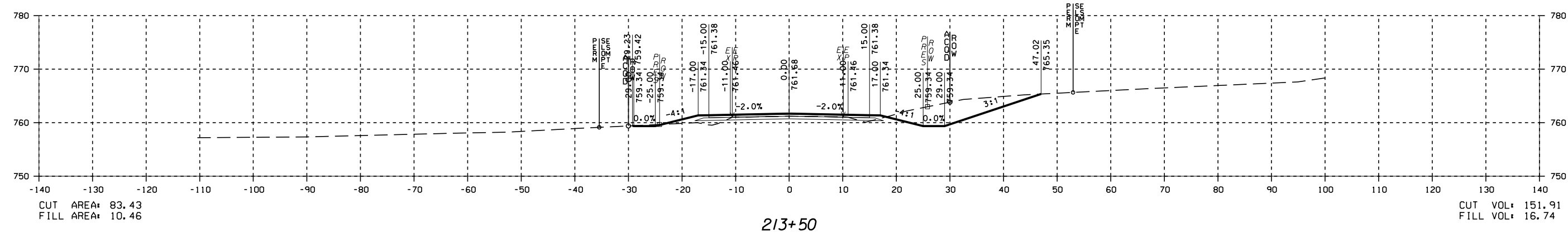
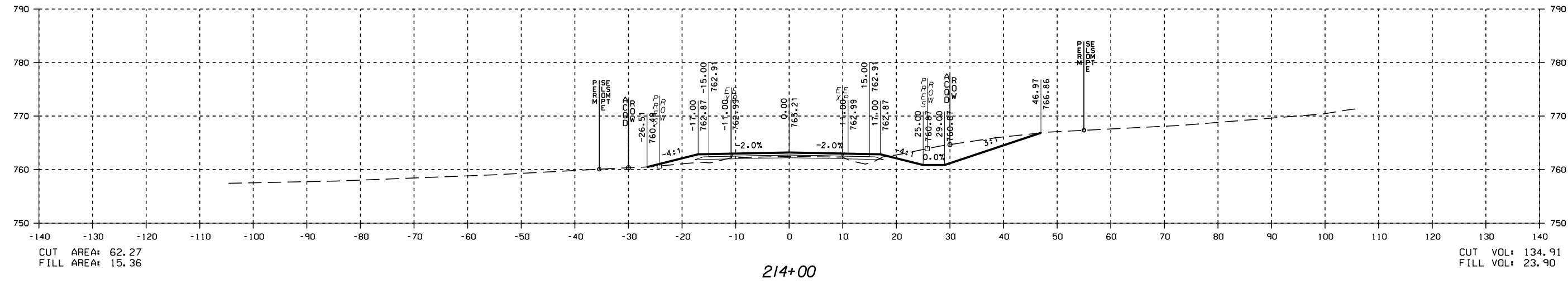
PRELIMINARY
NOT FOR
CONSTRUCTION

DATE

CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
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		05-22-2018	REVIEW SET

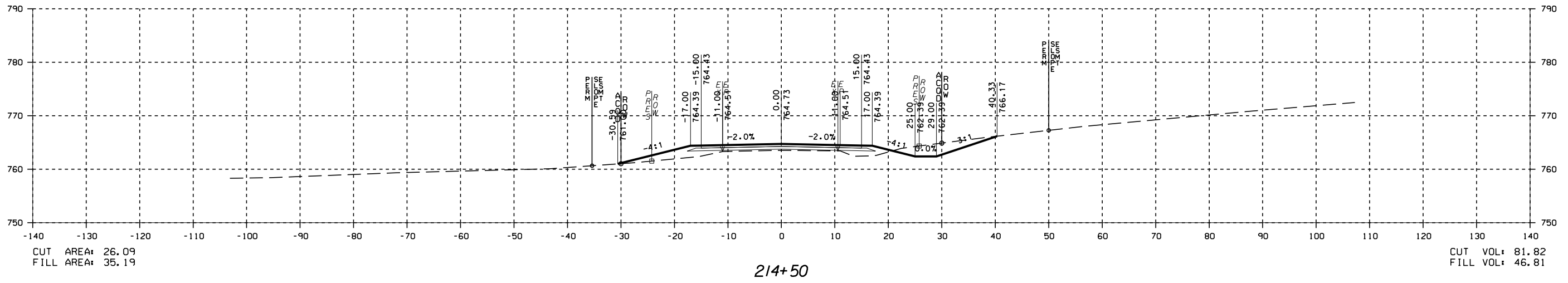
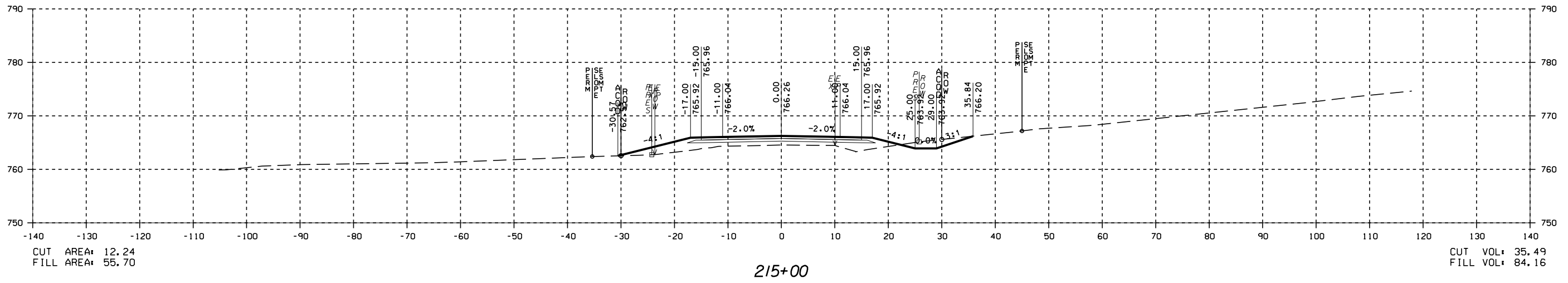
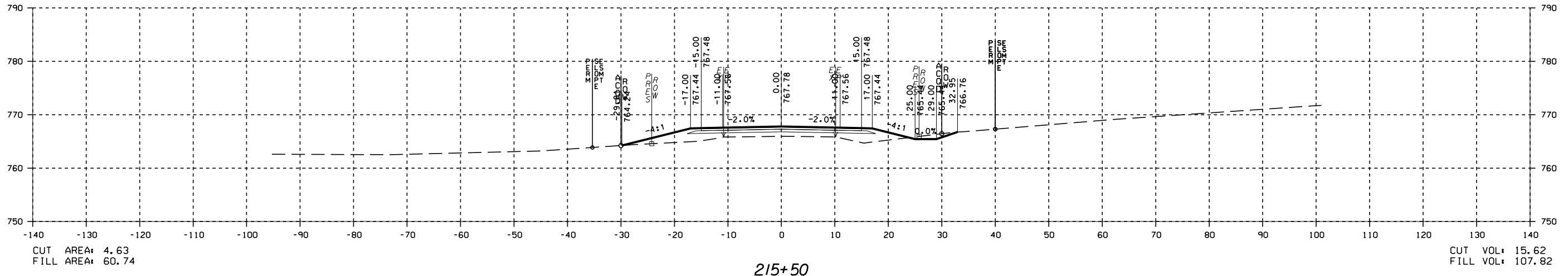


PRELIMINARY
NOT FOR
CONSTRUCTION

DATE

CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE



DIS.	CHK.	DATE	DESCRIPTION

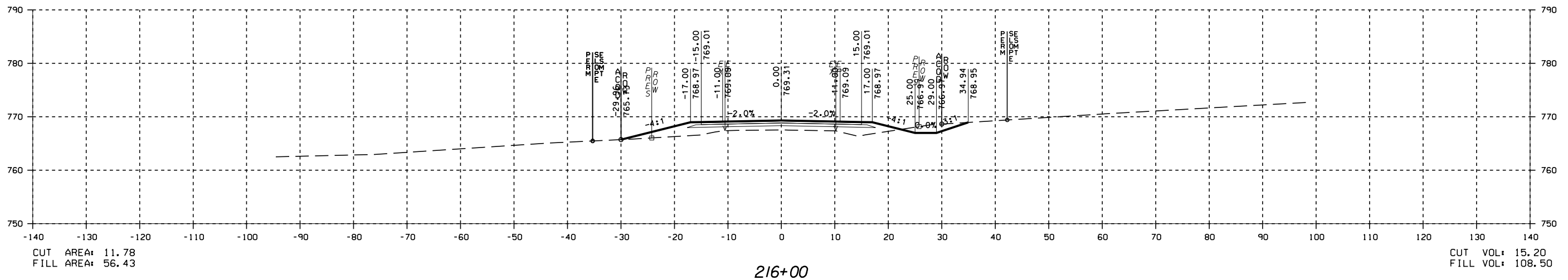
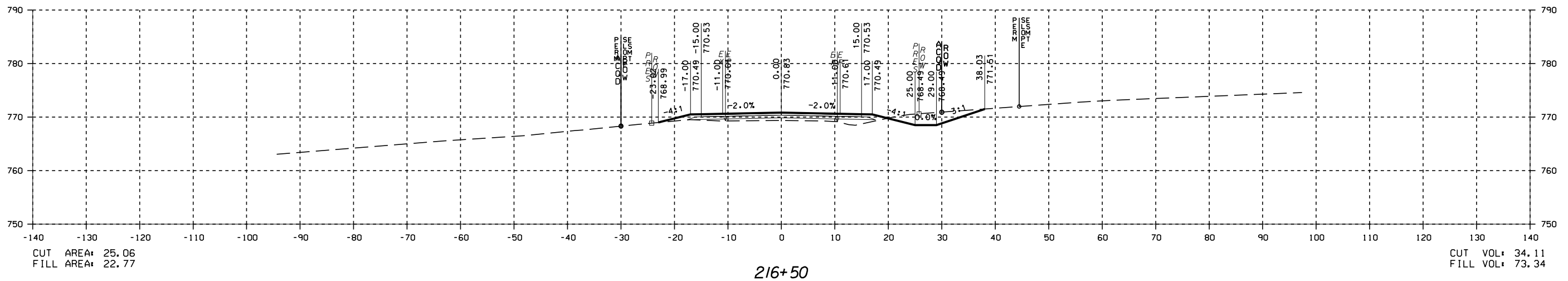
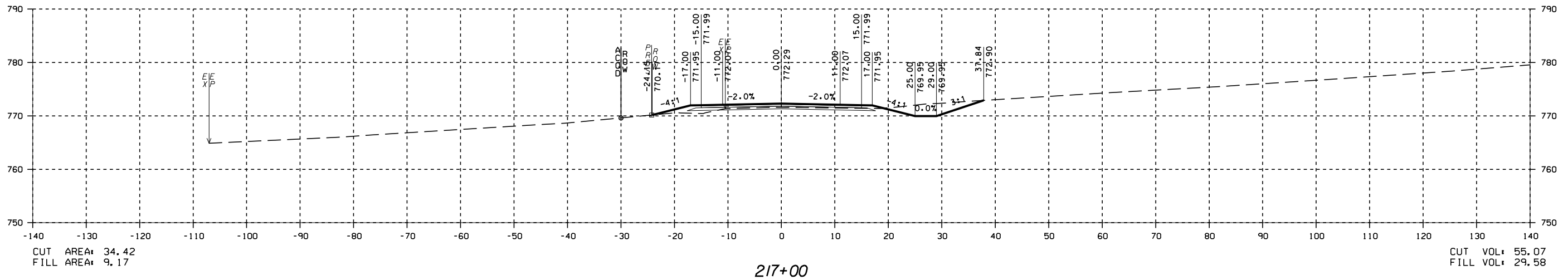
PRELIMINARY
NOT FOR
CONSTRUCTION

DATE

CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
JK	JK	05-12-2017	ISSUED FOR 30% REVIEW
JK	JK	05-22-2018	REVIEW SET

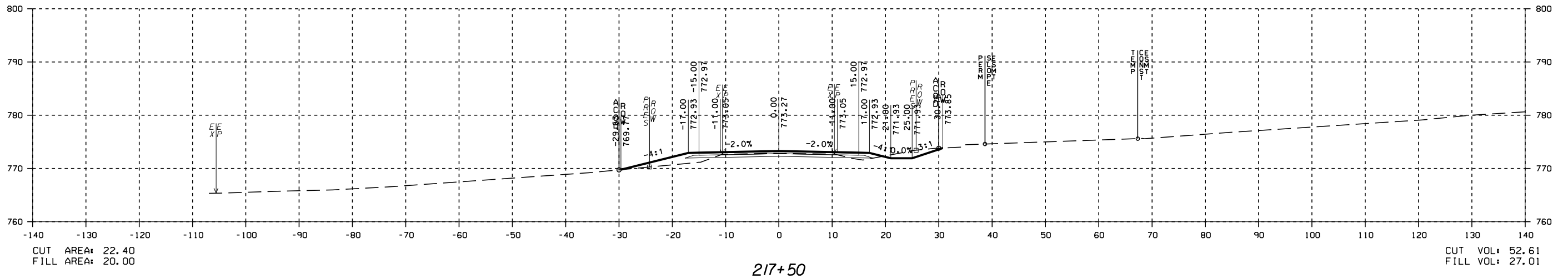
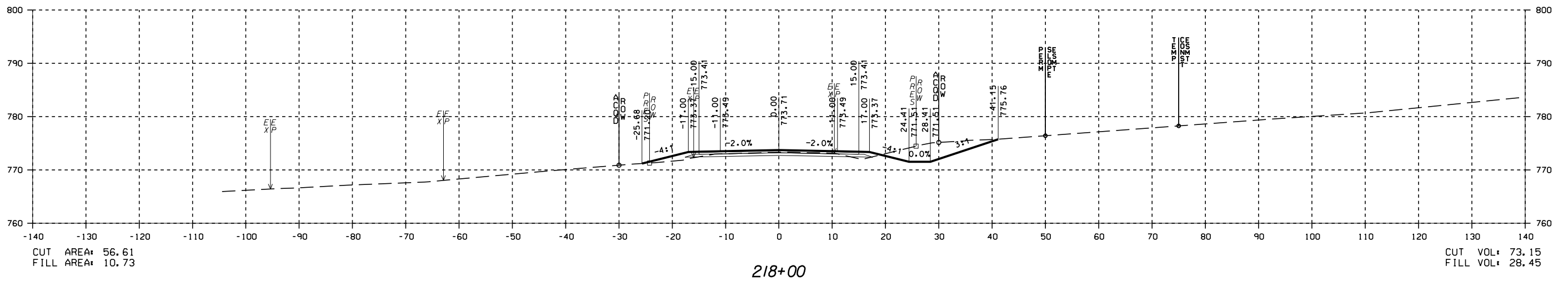
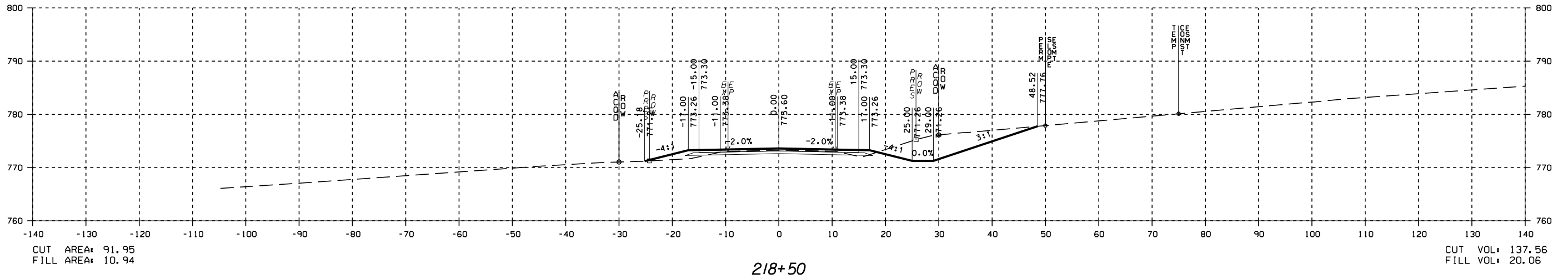


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 CONSTRUCTION

CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS TOWN OF THOMPSON'S STATION THOMPSON'S STATION, TENNESSEE

REV	DATE	DESCRIPTION
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2	05-22-2018	REVISED SET

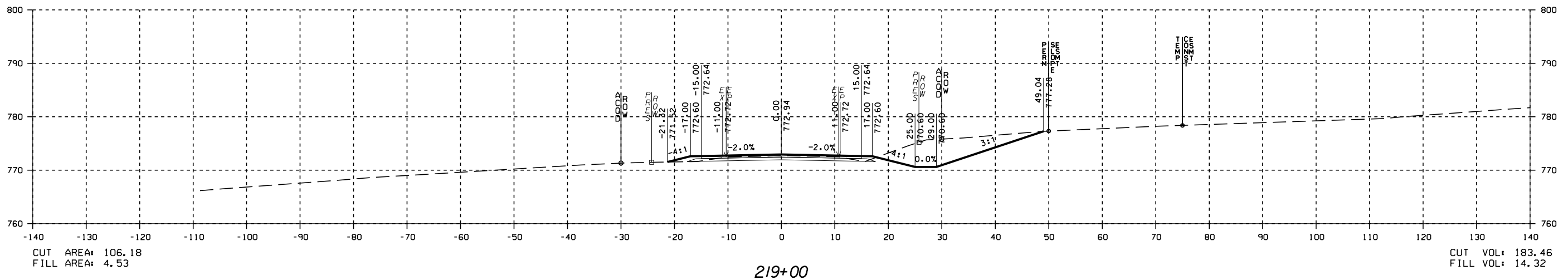
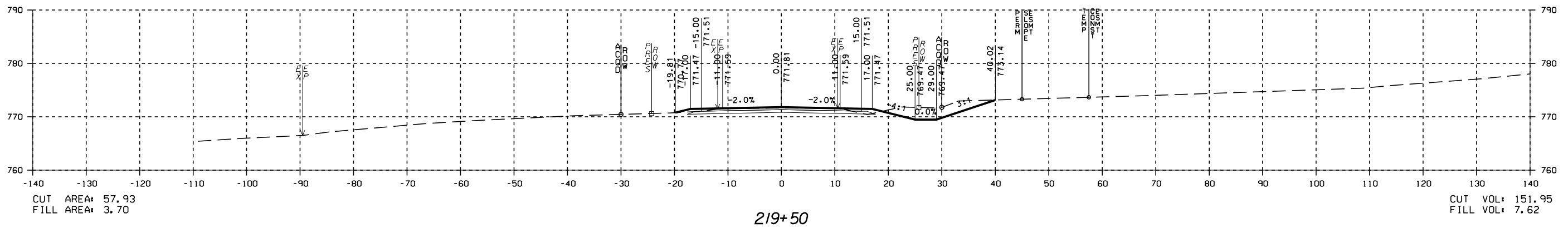
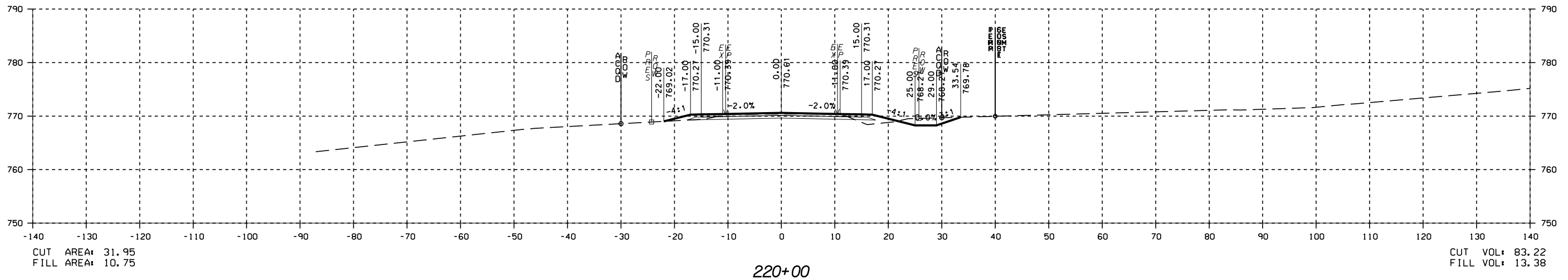


PRELIMINARY
NOT FOR
CONSTRUCTION

DATE _____

CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE



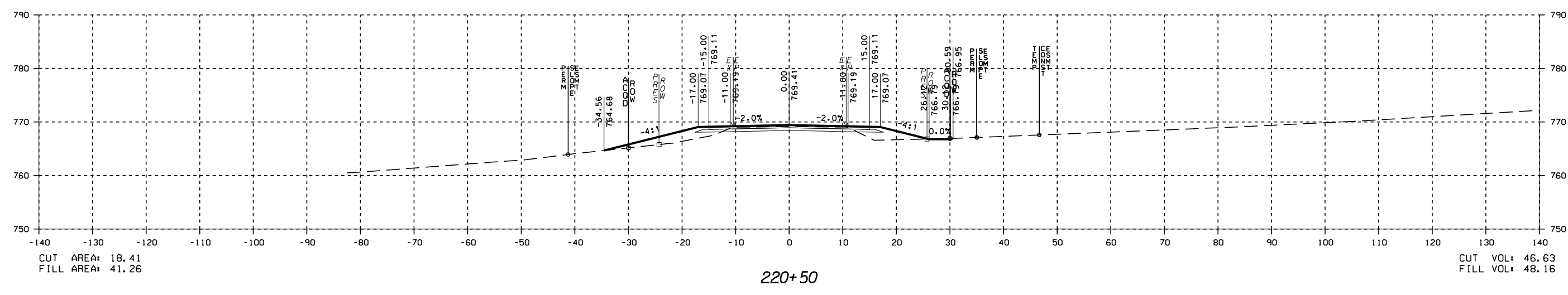
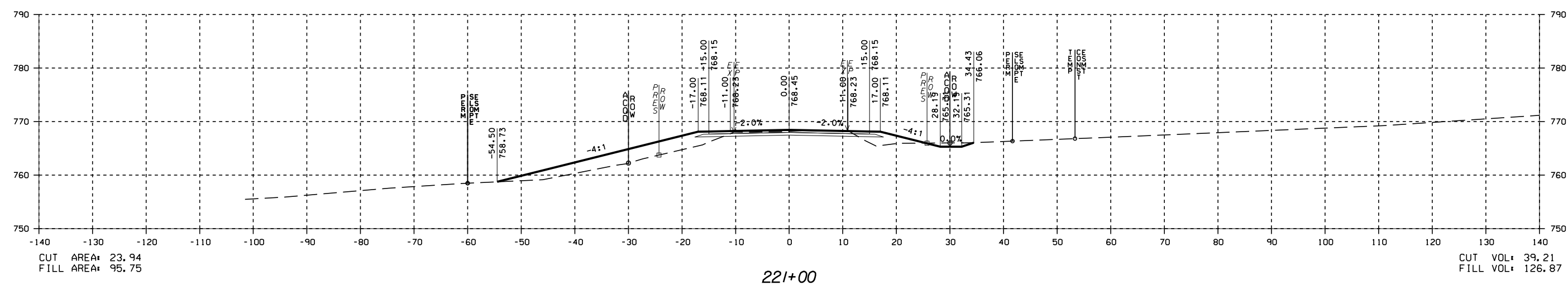
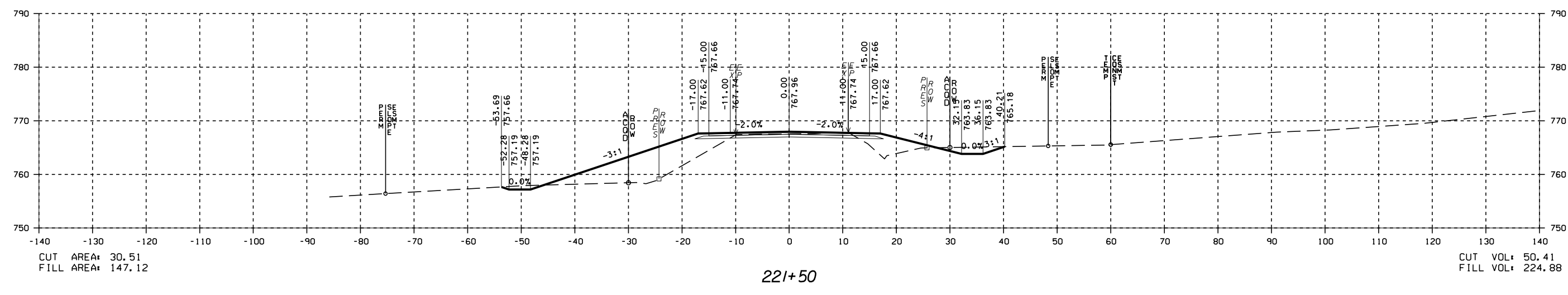
DR.	CHK.	DATE	DESCRIPTION
JK	JK	05-12-2017	ISSUED FOR 30% REVIEW
JK	JK	05-22-2018	REVIEW SET

PRELIMINARY
NOT FOR
CONSTRUCTION

DATE

CROSS SECTIONS - CRITZ LANE
CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
JK	JK	05-21-2017	ISSUED FOR 30% REVIEW
JK	JK	05-22-2018	REVIEW SET



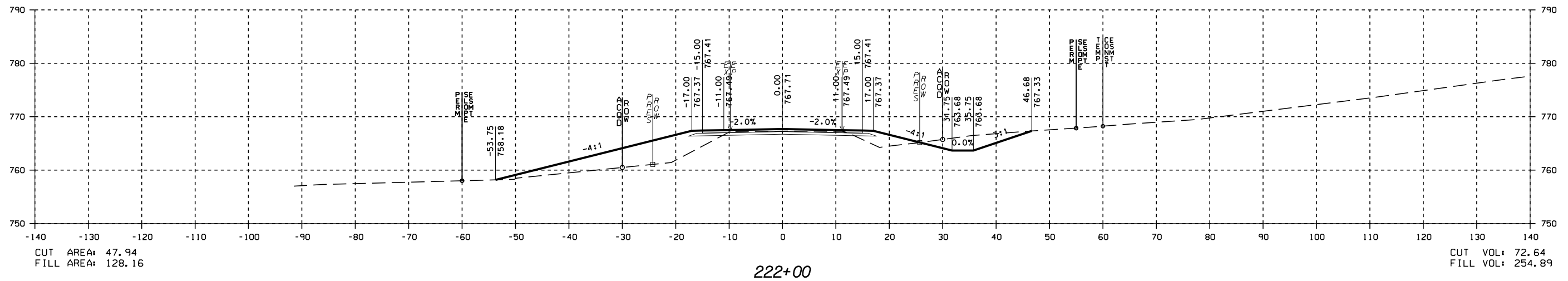
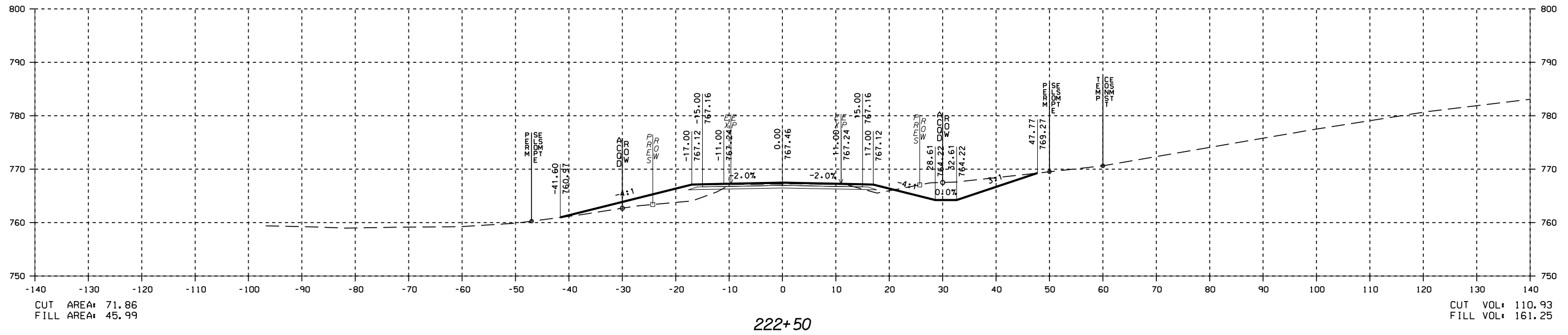
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PRELIMINARY
NOT FOR
CONSTRUCTION

DATE

CROSS SECTIONS - CRITZ LANE
CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DESCRIPTION
REVIEW FOR 30% REVIEW
REVIEW SET

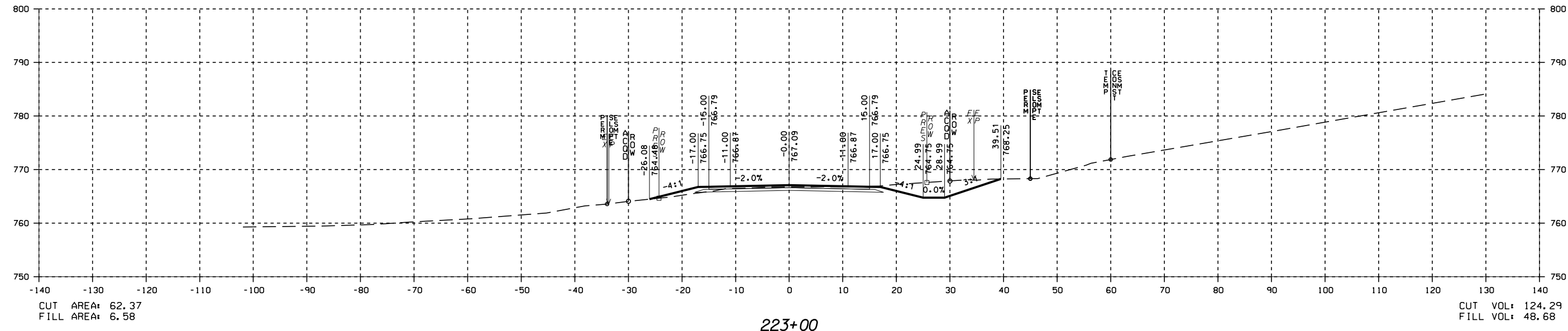
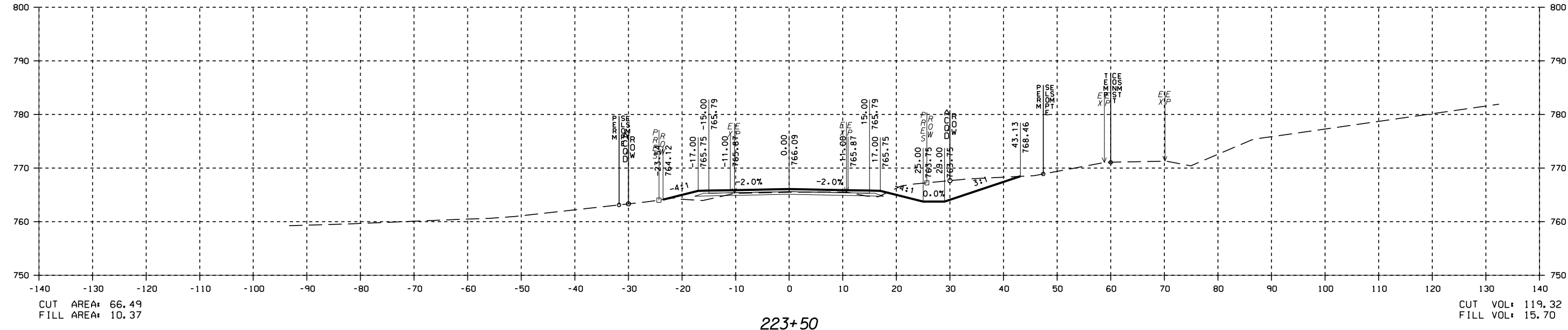


PRELIMINARY
 NOT FOR
 CONSTRUCTION

DATE

CROSS SECTIONS - CRITZ LANE

CRITZ LANE IMPROVEMENTS
 TOWN OF THOMPSON'S STATION
 THOMPSON'S STATION, TENNESSEE



08/20/19
 8:23:07 AM

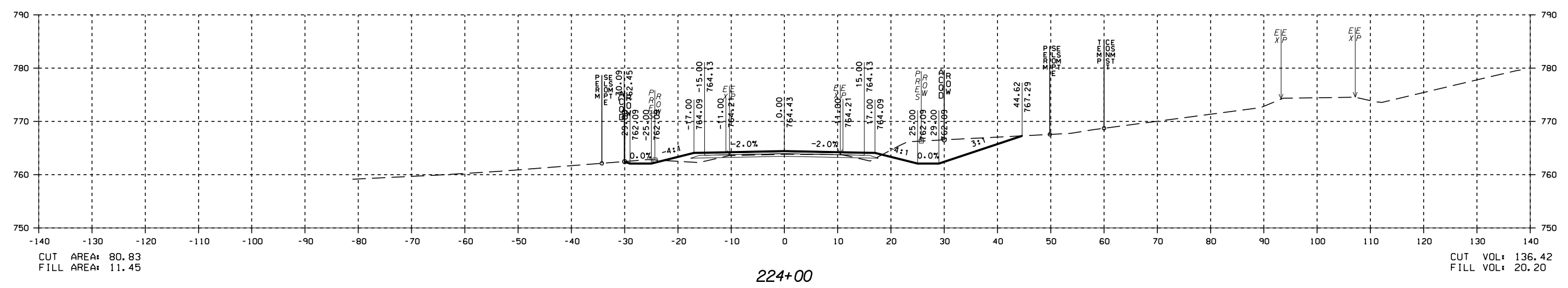
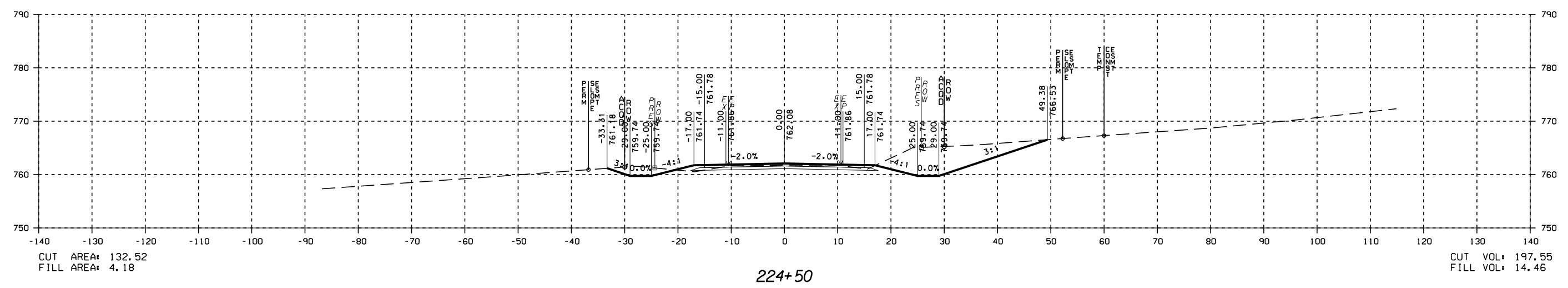
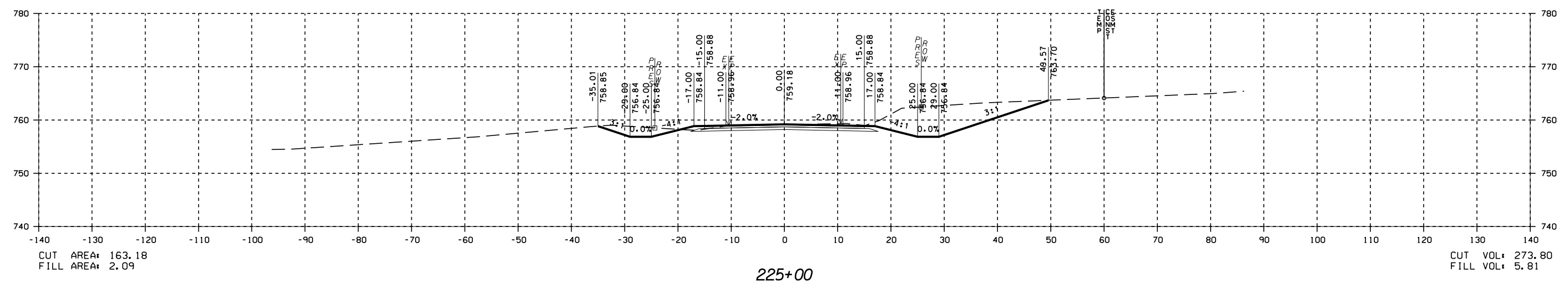
DR	CHK	DATE	DESCRIPTION
		08/20/19	ISSUED FOR 30% REVIEW
		08/22/19	REVIEW SET

PRELIMINARY
NOT FOR
CONSTRUCTION

CROSS SECTIONS - CRITZ LANE

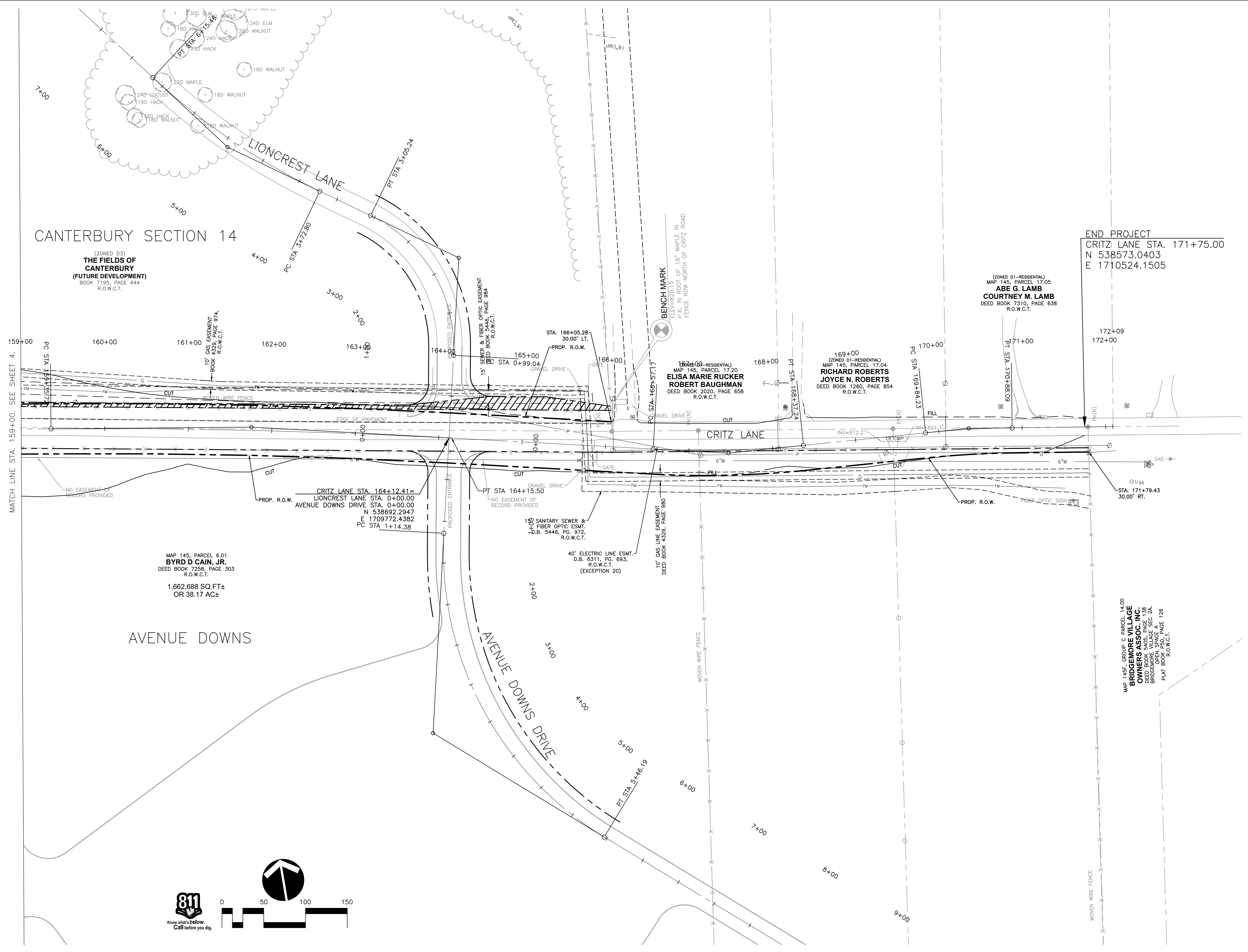
CRITZ LANE IMPROVEMENTS
TOWN OF THOMPSON'S STATION
THOMPSON'S STATION, TENNESSEE

DIS.	CHK.	DATE	DESCRIPTION
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2	JK	05/22/2016	REVISED SET

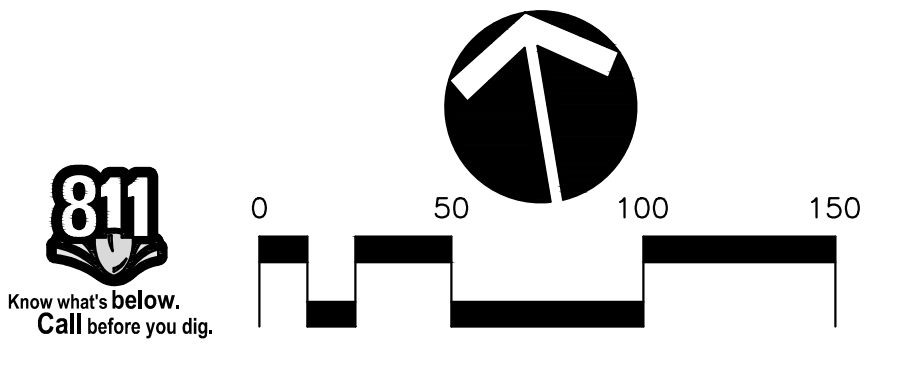


CRITZ LANE IMPROVEMENTS
 FOR
TOWN OF THOMPSON'S STATION, TN
 TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

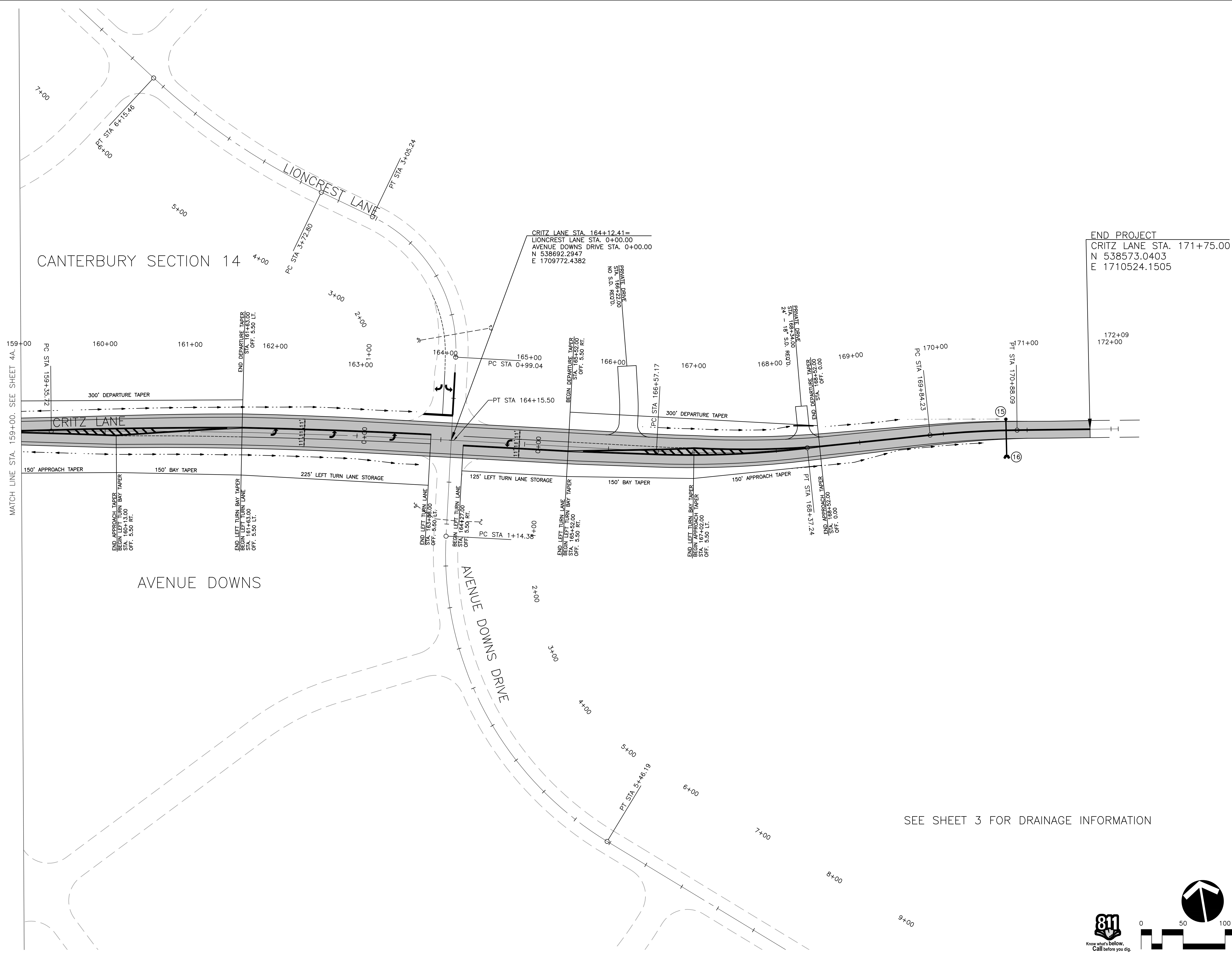
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WK. ORDER	1349										



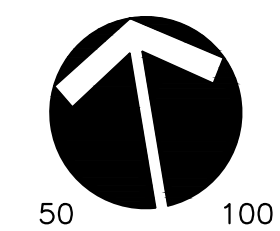
CLING AND TRANSDUCATIONAL HARDWARE, A. PRELIMINARY LAYOUT
 PLOTTED BY CDM/REDD ON 01/14/2019 11:48 AM. LAST UPDATED BY GREGSON 1/14/2019 3:28 PM



CRITZ LANE IMPROVEMENTS AND AVENUE DOWNS DRIVE IMPROVEMENTS, AS PROPOSED AND LOCATED AS SHOWN ON SHEET 18190. PLOTTED BY: GREGORY W. HARRIS ON 2/20/2019 11:44 AM. LAST UPDATED BY: GREGORY W. HARRIS ON 2/20/2019 11:44 AM.



SEE SHEET 3 FOR DRAINAGE INFORMATION



RAGAN SMITH
 LAND PLANNERS • CIVIL ENGINEERS
 LANDSCAPE ARCHITECTS • SURVEYORS
 Chattanooga Murfreesboro
 Nashville
 423-890-9400 615-244-8591 615-546-6650
 ragansmith.com

CRITZ LANE IMPROVEMENTS
 FOR
TOWN OF THOMPSON'S STATION, TN
 TOWN OF THOMPSON'S STATION, WILLIAMSON COUNTY, TENNESSEE

WK. ORDER	REV.	DATE	DESCRIPTION
1349			

JOB NO. 18190
 DESIGNED: FLR
 DRAWN: FLR
 SCALE: 1"=50'
 DATE: JANUARY 14, 2019

PROPOSED LAYOUT

5A

**THE TOWN OF THOMPSON'S STATION
APPROVED OFFER -- BASIS, SUMMARY & AUTHORIZATION**

(THIS FORM MAY BE USED FOR STAFF NPP)

STATE PROJECT NO: Critz Lane Widening Project FEDERAL PROJECT NO: N/A

LPA PROJECT ID NUMBER: (PIN) N/A TRACT NUMBER: 1

PROPERTY OWNERSHIP: Ferrari Partners, LP

COUNTY: Williamson MAP/PARCEL NUMBER: 145-003.00

APPRAISER: Ted A. Boozer, MAI

APPRAISER CONCLUSION OF TOTAL AMOUNT DUE OWNER: \$ 55,400

EFFECTIVE DATE OF VALUATION: 1/23/19 APPRAISAL TYPE (FORMAL, FPA, or NPI FORMAL)

ACQUISITION AREAS & APPROVED COMPENSATIONS

INTERESTS ACQUIRED	ACQ. AREAS		COMPENSATIONS
	AREA	ACS/SF	(Rounded)
FEE-SIMPLE	4,595.000	SF	\$ 25,298
PERM. DRNGE. ESM'T.	-		\$ -
SLOPE ESM'T.	7,826.000	SF	\$ 30,130
AIR RIGHTS	-		\$ -
TEMP. CONST. ESM'T.	-		\$ -
LNDOWNR IMPRVMTS.			\$ -
DAMAGES			\$ -
SPECIAL BENEFITS			\$ -
NET DAMAGES			\$ -
UTILITY ADJUSTMENT			\$ -
TOTL LNDOWNR COMP.			\$ 55,425.00
TENANT IMPRVMTS.			\$ -
TOTAL TRACT COMPENSATION			\$ 55,425.00

COMMENTS & EXPLANATIONS AS NECESSARY

Minor rounding is administratively applied to the amount due owner.

OFFER PREPARED BY: R. Rhett Turner, MAI, SR/WA DATE: 2/22/2019

SIGNATURE OF PREPARER:



AGENCY AUTHORIZATION BY:

Date & Signature Of Authorizing Party

**THE TOWN OF THOMPSON'S STATION
APPROVED OFFER -- BASIS, SUMMARY & AUTHORIZATION**

(THIS FORM MAY BE USED FOR STAFF NPP)

STATE PROJECT NO: Critz Lane Widening Project FEDERAL PROJECT NO: N/A

LPA PROJECT ID NUMBER: (PIN) N/A TRACT NUMBER: 2

PROPERTY OWNERSHIP: Affitto, LLC

COUNTY: Williamson MAP/PARCEL NUMBER: 145-003.02

APPRAISER: Ted A. Boozer, MAI

APPRAISER CONCLUSION OF TOTAL AMOUNT DUE OWNER: \$ 55,650

EFFECTIVE DATE OF VALUATION: 1/23/19 APPRAISAL TYPE (FORMAL, FPA, or NP) FPA

ACQUISITION AREAS & APPROVED COMPENSATIONS

INTERESTS ACQUIRED	ACQ. AREAS		COMPENSATIONS
	AREA	ACS/SF	(Rounded)
FEE-SIMPLE	4,105.000	SF	\$ 16,435
PERM. DRNGE. ESM'T.	-		\$ -
SLOPE ESM'T.	12,123.000	SF	\$ 33,950
AIR RIGHTS	-		\$ -
TEMP. CONST. ESM'T.	3,947.000	SF	\$ 4,740.00
LNDOWNR IMPRVMTS.			\$ 300
DAMAGES			\$ 250
SPECIAL BENEFITS			\$ -
NET DAMAGES			\$ 250
UTILITY ADJUSTMENT			\$ -
TOTL LNDOWNR COMP.			\$ 55,675.00
TENANT IMPRVMTS.			\$ -
TOTAL TRACT COMPENSATION			\$ 55,675.00

COMMENTS & EXPLANATIONS AS NECESSARY

Minor rounding is administratively applied to the amount due owner.

OFFER PREPARED BY: R. Rhett Turner, MAI, SR/WA DATE: 2/21/2019

SIGNATURE OF PREPARER: 

AGENCY AUTHORIZATION BY:
 Date & Signature Of Authorizing Party

**THE TOWN OF THOMPSON'S STATION
APPROVED OFFER -- BASIS, SUMMARY & AUTHORIZATION**

(THIS FORM MAY BE USED FOR STAFF NPP)

STATE PROJECT NO: Critz Lane Widening Project | FEDERAL PROJECT NO: N/A

LPA PROJECT ID NUMBER: (PIN) N/A | TRACT NUMBER: 7

PROPERTY OWNERSHIP: Thomas M. Evans, Jr.

COUNTY: Williamson | MAP/PARCEL NUMBER: 145-006.00

APPRAISER: Ted A. Boozer, MAI

APPRAISER CONCLUSION OF TOTAL AMOUNT DUE OWNER: \$ 33,300

EFFECTIVE DATE OF VALUATION: 9/5/18 | APPRAISAL TYPE (FORMAL, FPA, or NPI) FPA

ACQUISITION AREAS & APPROVED COMPENSATIONS

	ACQ. AREAS		COMPENSATIONS
	AREA	ACS/SF	(Rounded)
INTERESTS ACQUIRED			
FEE-SIMPLE	0.320	ACRES	\$ 14,780
PERM. DRNGE. ESM'T.	-		\$ -
SLOPE ESM'T.	0.310	ACRES	\$ 10,000
AIR RIGHTS	-		\$ -
TEMP. CONST. ESM'T.	0.110	ACRES	\$ 1,520.00
LNDOWNR IMPRVMTS.			\$ -
DAMAGES			\$ 7,000
SPECIAL BENEFITS			\$ -
NET DAMAGES			\$ -
UTILITY ADJUSTMENT			\$ -
TOTL LNDOWNR COMP.			\$ 33,300.00
TENANT IMPRVMTS.			\$ -
TOTAL TRACT COMPENSATION			\$ 33,300.00

COMMENTS & EXPLANATIONS AS NECESSARY

Minor rounding is administratively applied to the amount due owner for the acquisition areas. The appraisal report is based on sound accepted professional appraisal methodology using current local market data.

OFFER PREPARED BY: R. Rhett Turner, MAI, SR/WA | DATE: 1/8/2019

SIGNATURE OF PREPARER:



AGENCY AUTHORIZATION BY:

Date & Signature Of Authorizing Party

**THE TOWN OF THOMPSON'S STATION
APPROVED OFFER -- BASIS, SUMMARY & AUTHORIZATION**

(THIS FORM MAY BE USED FOR STAFF NPP)

STATE PROJECT NO: Critz Lane Widening Project FEDERAL PROJECT NO: N/A

LPA PROJECT ID NUMBER: (PIN) N/A TRACT NUMBER: 8

PROPERTY OWNERSHIP: Robert A. Baughman, Jr and Elisa M. Baughman

COUNTY: Williamson MAP/PARCEL NUMBER: 145-017.20

APPRAISER: Ted A. Boozer, MAI

APPRAISER CONCLUSION OF TOTAL AMOUNT DUE OWNER: \$ 4,100

EFFECTIVE DATE OF VALUATION: 1/26/19 APPRAISAL TYPE (FORMAL, FPA, or NPI) FPA

ACQUISITION AREAS & APPROVED COMPENSATIONS

	ACQ. AREAS		COMPENSATIONS
	AREA	ACS/SF	(Rounded)
INTERESTS ACQUIRED			
FEE-SIMPLE			\$ -
PERM. DRNGE. ESM'T.	-		\$ -
SLOPE ESM'T.	1,601	SF	\$ 1,425
AIR RIGHTS	-		\$ -
TEMP. CONST. ESM'T.	3,314	SF	\$ 1,275.00
LNDOWNR IMPRVMTS.			\$ 1,000
DAMAGES			\$ 400
SPECIAL BENEFITS			\$ -
NET DAMAGES			\$ 400
UTILITY ADJUSTMENT			\$ -
TOTL LNDOWNR COMP.			\$ 4,100.00
TENANT IMPRVMTS.			\$ -
TOTAL TRACT COMPENSATION			\$ 4,100.00

COMMENTS & EXPLANATIONS AS NECESSARY

The amount due owner is administratively rounded. The amount due owner is based on the fee simple value of \$55,000/Acre or \$1.26/SF. The slope easement is based on 70% of the fee simple value or \$1.26/SF x 70% = \$0.88/SF x 1,601 square feet. The temporary construction easement is based on 10% of the fee simple value for 3 years or \$1.26/SF x 10% x 3 years = \$0.38/SF x 3,314/SF. The improvements acquired include 600 SF of gravel driveway and driveway post. The damages are cost to cure damages to address the 4 mailboxes and wooded post in the acquisition area. The appraisal report is well written, based on sound acceptable appraisal methodology, using recent local market sales.

OFFER PREPARED BY: R. Rhett Turner, MAI, SR/WA DATE: 5/2/2019

SIGNATURE OF PREPARER: 

AGENCY AUTHORIZATION BY: _____
Date & Signature Of Authorizing Party

**THE TOWN OF THOMPSON'S STATION
APPROVED OFFER -- BASIS, SUMMARY & AUTHORIZATION**

(THIS FORM MAY BE USED FOR STAFF NPP)

STATE PROJECT NO: Critz Lane Widening Project FEDERAL PROJECT NO: N/A

LPA PROJECT ID NUMBER: (PIN) N/A TRACT NUMBER: 14

PROPERTY OWNERSHIP: William David Dozier and Helen C. Dozier

COUNTY: Williamson MAP/PARCEL NUMBER: 145-017.06

APPRAISER: Ted A. Boozer, MAI

APPRAISER CONCLUSION OF TOTAL AMOUNT DUE OWNER: \$ 20,800

EFFECTIVE DATE OF VALUATION: 1/18/19 APPRAISAL TYPE (FORMAL, FPA, or NPP): FPA

ACQUISITION AREAS & APPROVED COMPENSATIONS

INTERESTS ACQUIRED	ACQ. AREAS		COMPENSATIONS
	AREA	ACS/SF	(Rounded)
FEE-SIMPLE	1,231	SF	\$ 1,584
PERM. DRNGE. ESM'T.	-		\$ -
SLOPE ESM'T.	3,902	SF	\$ 3,466
AIR RIGHTS	-		\$ -
TEMP. CONST. ESM'T.	-		\$ -
LNDOWNR IMPRVMTS.			\$ 15,500
DAMAGES			\$ 250
SPECIAL BENEFITS			\$ -
NET DAMAGES			\$ 250
UTILITY ADJUSTMENT			\$ -
TOTL LNDOWNR COMP.			\$ 20,800.00
TENANT IMPRVMTS.			\$ -
TOTAL TRACT COMPENSATION			\$ 20,800.00

COMMENTS & EXPLANATIONS AS NECESSARY

The amount due owner is administratively rounded. The amount due owner is based on the fee simple value of \$55,000/Acre or \$1.26/SF x 1,231 SF. The slope easement is based on 70% of the fee simple value or \$1.26/SF x 70% = \$0.88/SF x 3,902 square feet. The improvements acquired include 330 SF of concrete driveway and landscaping. The damages are cost to cure damages to address the mailbox and wooded post in the acquisition area. The appraisal report is well written, based on sound acceptable appraisal methodology, using recent local market sales.

OFFER PREPARED BY: R. Rhett Turner, MAI, SR/WA DATE: 5/2/2019

SIGNATURE OF PREPARER: 

AGENCY AUTHORIZATION BY: _____
Date & Signature Of Authorizing Party

**THE TOWN OF THOMPSON'S STATION
APPROVED OFFER -- BASIS, SUMMARY & AUTHORIZATION**

(THIS FORM MAY BE USED FOR STAFF NPP)

STATE PROJECT NO: Critz Lane Widening Project FEDERAL PROJECT NO: N/A

LPA PROJECT ID NUMBER: (PIN) N/A TRACT NUMBER: 16

PROPERTY OWNERSHIP: Heather Kennie

COUNTY: Williamson MAP/PARCEL NUMBER: 145-017.07

APPRAISER: Ted A. Boozer, MAI

APPRAISER CONCLUSION OF TOTAL AMOUNT DUE OWNER: \$ 11,700

EFFECTIVE DATE OF VALUATION: 1/22/19 APPRAISAL TYPE (FORMAL, FPA, or NPP): FPA

ACQUISITION AREAS & APPROVED COMPENSATIONS

INTERESTS ACQUIRED	ACQ. AREAS		COMPENSATIONS	
	AREA	ACS/SF	(Rounded)	
FEE-SIMPLE	2,108	SF	\$	2,680
PERM. DRNGE. ESM'T.	-		\$	-
SLOPE ESM'T.	4,277	SF	\$	3,770
AIR RIGHTS	-		\$	-
TEMP. CONST. ESM'T.	-			
LNDOWNR IMPRVMTS.			\$	5,000
DAMAGES			\$	250
SPECIAL BENEFITS			\$	-
NET DAMAGES			\$	250
UTILITY ADJUSTMENT			\$	-
TOTL LNDOWNR COMP.			\$	11,700.00
TENANT IMPRVMTS.			\$	-
TOTAL TRACT COMPENSATION			\$	11,700.00

COMMENTS & EXPLANATIONS AS NECESSARY

The amount due owner is administratively rounded. The amount due owner is based on the fee simple value of \$55,000/Acre or \$1.26/SF x 2,108 SF. The slope easement is based on 70% of the fee simple value or \$1.26/SF x 70%= \$0.88/SF x 4,277 square feet. The improvements acquired include 350 SF of asphalt driveway, stone planter and landscaping. The damages are cost to cure damages to address the mailbox and wooded post in the acquisition area. The appraisal report is well written, based on sound acceptable appraisal methodology, using recent local market sales.

OFFER PREPARED BY: R. Rhett Turner, MAI, SR/WA DATE: 5/2/2019

SIGNATURE OF PREPARER: 

AGENCY AUTHORIZATION BY: _____
Date & Signature Of Authorizing Party

**THE TOWN OF THOMPSON'S STATION
APPROVED OFFER -- BASIS, SUMMARY & AUTHORIZATION**

(THIS FORM MAY BE USED FOR STAFF NPP)

STATE PROJECT NO: Critz Lane Widening Project FEDERAL PROJECT NO: N/A

LPA PROJECT ID NUMBER: (PIN) N/A TRACT NUMBER: 17

PROPERTY OWNERSHIP: Frances A. Larson

COUNTY: Williamson MAP/PARCEL NUMBER: 145-035.03

APPRAISER: Ted A. Boozer, MAI

APPRAISER CONCLUSION OF TOTAL AMOUNT DUE OWNER: \$ 28,800

EFFECTIVE DATE OF VALUATION: 4/29/19 APPRAISAL TYPE (FORMAL, FPA, or NPP): FPA

ACQUISITION AREAS & APPROVED COMPENSATIONS

INTERESTS ACQUIRED	ACQ. AREAS		COMPENSATIONS
	AREA	ACS/SF	(Rounded)
FEE-SIMPLE	9,243	SF	\$ 19,150
PERM. DRNGE. ESM'T.	-		\$ -
SLOPE ESM'T.	3,590	SF	\$ 5,210
AIR RIGHTS	-		\$ -
TEMP. CONST. ESM'T.	3,364	SF	\$ 2,090
LNDOWNR IMPRVMTS.			\$ 2,100
DAMAGES			\$ 250
SPECIAL BENEFITS			\$ -
NET DAMAGES			\$ 250
UTILITY ADJUSTMENT			\$ -
TOTL LNDOWNR COMP.			\$ 28,800.00
TENANT IMPRVMTS.			\$ -
TOTAL TRACT COMPENSATION			\$ 28,800.00

COMMENTS & EXPLANATIONS AS NECESSARY

The amount due owner is administratively rounded. The amount due owner is based on the fee simple value of \$90,000/Acre or \$2.07/SF x 9,243 SF. The slope easement is based on 70% of the fee simple value or \$1.45/SF x 70% = \$1.45/SF x 3,590 square feet. The temporary construction easement is based on 10% of the fee simple value for 3 years or \$2.07/SF x 10% x 3 years = \$0.62/SF x 3,364 SF. Improvements acquired are 200 SF asphalt driveway (\$700), 50 LF 4 board wood fencing (\$800) and landscaping (\$600). Net cost to cure damages addresses the mailbox (\$250). The appraisal report is well written, based on sound acceptable appraisal methodology, using recent local market sales.

OFFER PREPARED BY: R. Rhett Turner, MAI, SR/WA DATE: 5/8/2019

SIGNATURE OF PREPARER: 

AGENCY AUTHORIZATION BY: _____
Date & Signature Of Authorizing Party

**THE TOWN OF THOMPSON'S STATION
APPROVED OFFER -- BASIS, SUMMARY & AUTHORIZATION**

(THIS FORM MAY BE USED FOR STAFF NPP)

STATE PROJECT NO: Critz Lane Widening Project FEDERAL PROJECT NO: N/A

LPA PROJECT ID NUMBER: (PIN) N/A TRACT NUMBER: 19

PROPERTY OWNERSHIP: William H. and Mattie Lou Marlin

COUNTY: Williamson MAP/PARCEL NUMBER: 145-035.00

APPRAISER: Ted A. Boozer, MAI

APPRAISER CONCLUSION OF TOTAL AMOUNT DUE OWNER: \$ 12,600

EFFECTIVE DATE OF VALUATION: 1/22/19 APPRAISAL TYPE (FORMAL, FPA, or NPP): FPA

ACQUISITION AREAS & APPROVED COMPENSATIONS

INTERESTS ACQUIRED	ACQ. AREAS		COMPENSATIONS
	AREA	ACS/SF	(Rounded)
FEE-SIMPLE	560	SF	\$ 1,650
PERM. DRNGE. ESM'T.	-		\$ -
SLOPE ESM'T.	3,956	SF	\$ 7,790
AIR RIGHTS	-		\$ -
TEMP. CONST. ESM'T.	403	SF	\$ 350
LNDOWNR IMPRVMTS.			\$ 800
DAMAGES			\$ 2,010
SPECIAL BENEFITS			\$ -
NET DAMAGES			\$ 2,010
UTILITY ADJUSTMENT			\$ -
TOTL LNDOWNR COMP.			\$ 12,600.00
TENANT IMPRVMTS.			\$ -
TOTAL TRACT COMPENSATION			\$ 12,600.00

COMMENTS & EXPLANATIONS AS NECESSARY

The amount due owner is administratively rounded. The appraisal report correctly identifies two larger parcels. Larger Parcel A is 2.1 acres with a unit value of \$90,000/Acre or \$2.07/SF. Larger Parcel A has 301 SF slope easement (\$2.07/SF x 70% = \$1.45/SF x 301 SF). Larger Parcel B is 1.33 acres with a unit value of \$125,000/Acre or \$2.87/SF. Larger Parcel B has 560 SF of fee simple acquisition (560 SF x \$2.87/SF) and 3,655 SF of slope easement (\$2.87/SF x 70% = \$2.01/SF x 3,655 SF) and 403 SF of temporary construction easement (\$2.87/SF x 10% X 3 years = \$0.86/SF x 403 SF). Both parcels meet the criteria for a larger parcel. The analysis and discussion is clear concise and well supported in the local market. Improvements acquired are 400 SF gravel driveway (\$800) and landscaping (\$100). Net cost to cure damages address 80 LF of temporary and permanent fencing and mailbox. The appraisal report is well written, based on sound acceptable appraisal methodology, using recent local market sales.

OFFER PREPARED BY: R. Rhett Turner, MAI, SR/WA DATE: 5/11/2019

SIGNATURE OF PREPARER: 

AGENCY AUTHORIZATION BY: _____
Date & Signature Of Authorizing Party

**THE TOWN OF THOMPSON'S STATION
APPROVED OFFER -- BASIS, SUMMARY & AUTHORIZATION**

(THIS FORM MAY BE USED FOR STAFF NPP)

STATE PROJECT NO: Critz Lane Widening Project FEDERAL PROJECT NO: N/A

LPA PROJECT ID NUMBER: (PIN) N/A TRACT NUMBER: 18

PROPERTY OWNERSHIP: Richard Scott & Linda Marie Emeott

COUNTY: Williamson MAP/PARCEL NUMBER: 145-017.08

APPRAISER: Ted A. Boozer, MAI

APPRAISER CONCLUSION OF TOTAL AMOUNT DUE OWNER: \$ 28,800

EFFECTIVE DATE OF VALUATION: 1/22/19 APPRAISAL TYPE (FORMAL, FPA, or NPP): FPA

ACQUISITION AREAS & APPROVED COMPENSATIONS

	ACQ. AREAS		COMPENSATIONS
	AREA	ACS/SF	(Rounded)
INTERESTS ACQUIRED			
FEE-SIMPLE	2,192	SF	\$ 2,800
PERM. DRNGE. ESM'T.	-		\$ -
SLOPE ESM'T.	2,293	SF	\$ 2,050
AIR RIGHTS	-		\$ -
TEMP. CONST. ESM'T.	-		
LNDOWNR IMPRVMTS.			\$ 23,700
DAMAGES			\$ 250
SPECIAL BENEFITS			\$ -
NET DAMAGES			\$ 250
UTILITY ADJUSTMENT			\$ -
TOTL LNDOWNR COMP.			\$ 28,800.00
TENANT IMPRVMTS.			\$ -
TOTAL TRACT COMPENSATION			\$ 28,800.00

COMMENTS & EXPLANATIONS AS NECESSARY

The amount due owner is administratively rounded. The amount due owner is based on the fee simple value of \$55,000/Acre or \$1.26/SF x 2,192 SF. The slope easement is based on 70% of the fee simple value or \$1.26/SF x 70% = \$0.88/SF x 2,293 square feet. The improvements acquired include 250 SF of gravel driveway, stone retaining wall and landscaping. The damages are cost to cure damages to address the mailbox and wooded post in the acquisition area. The appraisal report is well written, based on sound acceptable appraisal methodology, using recent local market sales.

OFFER PREPARED BY: R. Rhett Turner, MAI, SR/WA DATE: 5/2/2019

SIGNATURE OF PREPARER: 

AGENCY AUTHORIZATION BY:
 Date & Signature Of Authorizing Party

**THE TOWN OF THOMPSON'S STATION
APPROVED OFFER -- BASIS, SUMMARY & AUTHORIZATION**

(THIS FORM MAY BE USED FOR STAFF NPP)

STATE PROJECT NO: Critz Lane Widening Project FEDERAL PROJECT NO: N/A

LPA PROJECT ID NUMBER: (PIN) N/A TRACT NUMBER: 20

PROPERTY OWNERSHIP: Wayne Scott Giles and Cynthia P. Giles

COUNTY: Williamson MAP/PARCEL NUMBER: 145-017.09

APPRAISER: Ted A. Boozer, MAI

APPRAISER CONCLUSION OF TOTAL AMOUNT DUE OWNER: \$ 9,850

EFFECTIVE DATE OF VALUATION: 1/21/19 APPRAISAL TYPE (FORMAL, FPA, or NPP): FPA

ACQUISITION AREAS & APPROVED COMPENSATIONS

INTERESTS ACQUIRED	ACQ. AREAS		COMPENSATIONS
	AREA	ACS/SF	(Rounded)
FEE-SIMPLE	2,026	SF	\$ 2,575
PERM. DRNGE. ESM'T.	-		\$ -
SLOPE ESM'T.	5,762	SF	\$ 7,275
AIR RIGHTS	-		\$ -
TEMP. CONST. ESM'T.	-		\$ -
LNDOWNR IMPRVMTS.			\$ -
DAMAGES			\$ -
SPECIAL BENEFITS			\$ -
NET DAMAGES			\$ -
UTILITY ADJUSTMENT			\$ -
TOTL LNDOWNR COMP.			\$ 9,850.00
TENANT IMPRVMTS.			\$ -
TOTAL TRACT COMPENSATION			\$ 9,850.00

COMMENTS & EXPLANATIONS AS NECESSARY

The amount due owner is administratively rounded. The amount due owner is based on the fee simple value of \$55,000/Acre or \$1.26/SF x 2,026 SF. The slope easement is based on 100% of the fee simple value or \$1.26/SF x 100% = \$1.26/SF x 5,762 square feet. The appraisal report is well written, based on sound acceptable appraisal methodology, using recent local market sales.

OFFER PREPARED BY: R. Rhett Turner, MAI, SR/WA DATE: 5/6/2019

SIGNATURE OF PREPARER: 

AGENCY AUTHORIZATION BY:
 Date & Signature Of Authorizing Party

**THE TOWN OF THOMPSON'S STATION
APPROVED OFFER -- BASIS, SUMMARY & AUTHORIZATION**

(THIS FORM MAY BE USED FOR STAFF NPP)

STATE PROJECT NO: Critz Lane Widening Project FEDERAL PROJECT NO: N/A

LPA PROJECT ID NUMBER: (PIN) N/A TRACT NUMBER: 22

PROPERTY OWNERSHIP: Michael M. & Susan D. McClanahan

COUNTY: Williamson MAP/PARCEL NUMBER: 145-017.10

APPRAISER: Ted A. Boozer, MAI

APPRAISER CONCLUSION OF TOTAL AMOUNT DUE OWNER: \$ 24,500

EFFECTIVE DATE OF VALUATION: 1/18/19 APPRAISAL TYPE (FORMAL, FPA, or NPP): FPA

ACQUISITION AREAS & APPROVED COMPENSATIONS

	ACQ. AREAS		COMPENSATIONS
	AREA	ACS/SF	(Rounded)
INTERESTS ACQUIRED			
FEE-SIMPLE	1,703	SF	\$ 2,148
PERM. DRNGE. ESM'T.	-		\$ -
SLOPE ESM'T.	1,764	SF	\$ 1,552
AIR RIGHTS	-		\$ -
TEMP. CONST. ESM'T.	-		
LNDOWNR IMPRVMTS.			\$ 20,000
DAMAGES			\$ 750
SPECIAL BENEFITS			\$ -
NET DAMAGES			\$ 750
UTILITY ADJUSTMENT			\$ -
TOTL LNDOWNR COMP.			\$ 24,500.00
TENANT IMPRVMTS.			\$ -
TOTAL TRACT COMPENSATION			\$ 24,500.00

COMMENTS & EXPLANATIONS AS NECESSARY

The amount due owner is administratively rounded. The amount due owner is based on the fee simple value of \$55,000/Acre or \$1.26/SF x 1,703 SF. The slope easement is based on 100% of the fee simple value or \$1.26/SF x 70% = \$0.88/SF x 1,764 square feet. Improvements acquired include 100 SF of asphalt paving (\$400) and landscaping and trees (\$19,600). A detailed list and breakdown of the landscaping and trees is on page 12 of the appraisal report. Net cost to cure damages addresses the mailbox, post and electrical outlet located in the acquisition areas. The appraisal report is well written, based on sound acceptable appraisal methodology, using recent local market sales.

OFFER PREPARED BY: R. Rhett Turner, MAI, SR/WA DATE: 5/6/2019

SIGNATURE OF PREPARER: 

AGENCY AUTHORIZATION BY:
 Date & Signature Of Authorizing Party

**THE TOWN OF THOMPSON'S STATION
APPROVED OFFER -- BASIS, SUMMARY & AUTHORIZATION**

(THIS FORM MAY BE USED FOR STAFF NPP)

STATE PROJECT NO: Critz Lane Widening Project FEDERAL PROJECT NO: N/A

LPA PROJECT ID NUMBER: (PIN) N/A TRACT NUMBER: 23

PROPERTY OWNERSHIP:

COUNTY: Williamson MAP/PARCEL NUMBER: 145-035.04

APPRAISER: Ted A. Boozer, MAI

APPRAISER CONCLUSION OF TOTAL AMOUNT DUE OWNER: \$ 1,500

EFFECTIVE DATE OF VALUATION: 4/29/19 APPRAISAL TYPE (FORMAL, FPA, or NPP): FPA

ACQUISITION AREAS & APPROVED COMPENSATIONS

INTERESTS ACQUIRED	ACQ. AREAS		COMPENSATIONS	
	AREA	ACS/SF	(Rounded)	
FEE-SIMPLE	-		\$	-
PERM. DRNGE. ESM'T.	-		\$	-
SLOPE ESM'T.	522	SF	\$	850
AIR RIGHTS	-		\$	-
TEMP. CONST. ESM'T.	-			
LNDOWNR IMPRVMTS.			\$	400
DAMAGES			\$	250
SPECIAL BENEFITS			\$	-
NET DAMAGES			\$	250
UTILITY ADJUSTMENT			\$	-
TOTL LNDOWNR COMP.			\$	1,500.00
TENANT IMPRVMTS.			\$	-
TOTAL TRACT COMPENSATION			\$	1,500.00

COMMENTS & EXPLANATIONS AS NECESSARY

The amount due owner is administratively rounded. The amount due owner is based on the fee simple value of \$100,000/Acre or \$2.30/SF. The slope easement is based on 70% of the fee simple value or \$2.30/SF x 70%= \$1.61/SF x 522 square feet. Improvements acquired are 240 SF Gravel driveway. Net cost to cure damages addresses the mailbox (\$250). The appraisal report is well written, based on sound acceptable appraisal methodology, using recent local market sales.

OFFER PREPARED BY: R. Rhett Turner, MAI, SR/WA DATE: 5/10/2019

SIGNATURE OF PREPARER:

AGENCY AUTHORIZATION BY:

Date & Signature Of Authorizing Party

**THE TOWN OF THOMPSON'S STATION
APPROVED OFFER -- BASIS, SUMMARY & AUTHORIZATION**

(THIS FORM MAY BE USED FOR STAFF NPP)

STATE PROJECT NO: Critz Lane Widening Project FEDERAL PROJECT NO: N/A

LPA PROJECT ID NUMBER: (PIN) N/A TRACT NUMBER: 24

PROPERTY OWNERSHIP: Richard A. & Darlene H. Lopez

COUNTY: Williamson MAP/PARCEL NUMBER: 145-017.11

APPRAISER: Ted A. Boozer, MAI

APPRAISER CONCLUSION OF TOTAL AMOUNT DUE OWNER: \$ 4,800

EFFECTIVE DATE OF VALUATION: 1/22/19 APPRAISAL TYPE (FORMAL, FPA, or NPP): FPA


ACQUISITION AREAS & APPROVED COMPENSATIONS

INTERESTS ACQUIRED	ACQ. AREAS		COMPENSATIONS
	AREA	ACS/SF	(Rounded)
FEE-SIMPLE	2,137	SF	\$ 2,700
PERM. DRNGE. ESM'T.	-		\$ -
SLOPE ESM'T.	1,177	SF	\$ 1,050
AIR RIGHTS	-		\$ -
TEMP. CONST. ESM'T.	-		\$ -
LNDOWNR IMPRVMTS.			\$ 800
DAMAGES			\$ 250
SPECIAL BENEFITS			\$ -
NET DAMAGES			\$ 250
UTILITY ADJUSTMENT			\$ -
TOTL LNDOWNR COMP.			\$ 4,800.00
TENANT IMPRVMTS.			\$ -
TOTAL TRACT COMPENSATION			\$ 4,800.00

COMMENTS & EXPLANATIONS AS NECESSARY

The amount due owner is administratively rounded. The amount due owner is based on the fee simple value of \$55,000/Acre or \$1.26/SF x 2,700 SF. The slope easement is based on 100% of the fee simple value or \$1.26/SF x 70% = \$0.88/SF x 1,177 square feet. Improvements acquired include 300 SF of gravel driveway (\$450) and landscaping, 3 shrubs (\$350). Net cost to cure damages addresses the mailbox, post located in the acquisition areas. The appraisal report is well written, based on sound acceptable appraisal methodology, using recent local market sales.

OFFER PREPARED BY: R. Rhett Turner, MAI, SR/WA DATE: 5/6/2019

SIGNATURE OF PREPARER: 

AGENCY AUTHORIZATION BY: _____
Date & Signature Of Authorizing Party

**THE TOWN OF THOMPSON'S STATION
APPROVED OFFER -- BASIS, SUMMARY & AUTHORIZATION**

(THIS FORM MAY BE USED FOR STAFF NPP)

STATE PROJECT NO: Critz Lane Widening Project FEDERAL PROJECT NO: N/A

LPA PROJECT ID NUMBER: (PIN) N/A TRACT NUMBER: 25

PROPERTY OWNERSHIP: Estate of Walter & Sandra Edwards, Benjamin Scott Executor of Estate

COUNTY: Williamson MAP/PARCEL NUMBER: 145-035.02

APPRAISER: Ted A. Boozer, MAI

APPRAISER CONCLUSION OF TOTAL AMOUNT DUE OWNER: \$ 14,450

EFFECTIVE DATE OF VALUATION: 1/21/19 APPRAISAL TYPE (FORMAL, FPA, or NPP): FPA

ACQUISITION AREAS & APPROVED COMPENSATIONS

INTERESTS ACQUIRED	ACQ. AREAS		COMPENSATIONS
	AREA	ACS/SF	(Rounded)
FEE-SIMPLE	19	SF	\$ 80
PERM. DRNGE. ESM'T.	-		\$ -
SLOPE ESM'T.	2,481	SF	\$ 5,980
AIR RIGHTS	-		\$ -
TEMP. CONST. ESM'T.	1,855	SF	\$ 1,915.00
LNDOWNR IMPRVMTS.			\$ 3,600
DAMAGES			\$ 2,875
SPECIAL BENEFITS			\$ -
NET DAMAGES			\$ 2,875
UTILITY ADJUSTMENT			\$ -
TOTL LNDOWNR COMP.			\$ 14,450.00
TENANT IMPRVMTS.			\$ -
TOTAL TRACT COMPENSATION			\$ 14,450.00

COMMENTS & EXPLANATIONS AS NECESSARY

The amount due owner is administratively rounded. The amount due owner is based on the fee simple value of \$150,000/Acre or \$3.44/SF x 19 SF. The slope easement is based on 70% of the fee simple value or \$3.44/SF x 70% = \$2.41/SF x 2,481 square feet. The temporary construction easement is based on 10% of the fee simple value for three years or \$3.44/SF x 10% x 3 years = \$1.03/Sf x 1,855 SF. Net cost to cure damages addresses 175 LF fencing (\$2,625) and mailbox (\$250). The appraisal report is well written, based on sound acceptable appraisal methodology, using recent local market sales.

OFFER PREPARED BY: R. Rhett Turner, MAI, SR/WA DATE: 5/7/2019

SIGNATURE OF PREPARER: 

AGENCY AUTHORIZATION BY:
 Date & Signature Of Authorizing Party

**THE TOWN OF THOMPSON'S STATION
APPROVED OFFER -- BASIS, SUMMARY & AUTHORIZATION**

(THIS FORM MAY BE USED FOR STAFF NPP)

STATE PROJECT NO: Critz Lane Widening Project FEDERAL PROJECT NO: N/A

LPA PROJECT ID NUMBER: (PIN) N/A TRACT NUMBER: 26

PROPERTY OWNERSHIP: Kyle D. & Sheena M. Weaver

COUNTY: Williamson MAP/PARCEL NUMBER: 145-017.12

APPRAISER: Ted A. Boozer, MAI

APPRAISER CONCLUSION OF TOTAL AMOUNT DUE OWNER: \$ 33,800

EFFECTIVE DATE OF VALUATION: 1/18/19 APPRAISAL TYPE (FORMAL, FPA, or NPP): FPA

ACQUISITION AREAS & APPROVED COMPENSATIONS

	ACQ. AREAS		COMPENSATIONS
	AREA	ACS/SF	(Rounded)
INTERESTS ACQUIRED			
FEE-SIMPLE	1,811	SF	\$ 2,300
PERM. DRNGE. ESM'T.	-		\$ -
SLOPE ESM'T.	2,496	SF	\$ 2,200
AIR RIGHTS	-		\$ -
TEMP. CONST. ESM'T.	-		
LNDOWNR IMPRVMTS.			\$ 24,200
DAMAGES			\$ 5,100
SPECIAL BENEFITS			\$ -
NET DAMAGES			\$ 5,100
UTILITY ADJUSTMENT			\$ -
TOTL LNDOWNR COMP.			\$ 33,800.00
TENANT IMPRVMTS.			\$ -
TOTAL TRACT COMPENSATION			\$ 33,800.00

COMMENTS & EXPLANATIONS AS NECESSARY

The amount due owner is administratively rounded. The amount due owner is based on the fee simple value of \$55,000/Acre or \$1.26/SF x 1,811 SF. The slope easement is based on 70% of the fee simple value or \$1.26/SF x 70% = \$0.88/SF x 2,496 square feet. Improvements acquired include 150 SF of gravel driveway (\$450) and landscaping (\$2,950) and stone wall (\$21,000). Net cost to cure damages addresses the mailboxes, one wooden post (\$250) and one metal post (\$350), 300 LF temporary fencing (\$4,500). The appraisal report is well written, based on sound acceptable appraisal methodology, using recent local market sales.

OFFER PREPARED BY: R. Rhett Turner, MAI, SR/WA DATE: 5/6/2019

SIGNATURE OF PREPARER: 

AGENCY AUTHORIZATION BY:
 Date & Signature Of Authorizing Party

**THE TOWN OF THOMPSON'S STATION
APPROVED OFFER -- BASIS, SUMMARY & AUTHORIZATION**

(THIS FORM MAY BE USED FOR STAFF NPP)

STATE PROJECT NO: Critz Lane Widening Project FEDERAL PROJECT NO: N/A

LPA PROJECT ID NUMBER: (PIN) N/A TRACT NUMBER: 27

PROPERTY OWNERSHIP:

COUNTY: Williamson MAP/PARCEL NUMBER: 145-034.02

APPRAISER: Ted A. Boozer, MAI

APPRAISER CONCLUSION OF TOTAL AMOUNT DUE OWNER: \$ 11,800

EFFECTIVE DATE OF VALUATION: 4/29/19 APPRAISAL TYPE (FORMAL, FPA, or NPP): FPA

ACQUISITION AREAS & APPROVED COMPENSATIONS

	ACQ. AREAS		COMPENSATIONS
	AREA	ACS/SF	(Rounded)
INTERESTS ACQUIRED			
FEE-SIMPLE	529	SF	\$ 1,525
PERM. DRNGE. ESM'T.	-		\$ -
SLOPE ESM'T.	2,594	SF	\$ 5,225
AIR RIGHTS	-		\$ -
TEMP. CONST. ESM'T.	-		\$ -
LNDOWNR IMPRVMTS.			\$ 4,800
DAMAGES			\$ 250
SPECIAL BENEFITS			\$ -
NET DAMAGES			\$ 250
UTILITY ADJUSTMENT			\$ -
TOTL LNDOWNR COMP.			\$ 11,800.00
TENANT IMPRVMTS.			\$ -
TOTAL TRACT COMPENSATION			\$ 11,800.00

COMMENTS & EXPLANATIONS AS NECESSARY

The amount due owner is administratively rounded. The amount due owner is based on the fee simple value of \$125,000/Acre or \$2.87/SF x 529 SF. The slope easement is based on 70% of the fee simple value or \$2.87/SF x 70% = \$2.01/SF x 2,594 square feet. Improvements acquired are asphalt paving (\$1,000), landscaping (\$2,800) and brick columns (\$1,000). Net cost to cure damages addresses the mailbox (\$250). The appraisal report is well written, based on sound acceptable appraisal methodology, using recent local market sales.

OFFER PREPARED BY: R. Rhett Turner, MAI, SR/WA DATE: 5/10/2019

SIGNATURE OF PREPARER: 

AGENCY AUTHORIZATION BY: _____
Date & Signature Of Authorizing Party

**THE TOWN OF THOMPSON'S STATION
APPROVED OFFER -- BASIS, SUMMARY & AUTHORIZATION**

(THIS FORM MAY BE USED FOR STAFF NPP)

STATE PROJECT NO: Critz Lane Widening Project FEDERAL PROJECT NO: N/A

LPA PROJECT ID NUMBER: (PIN) N/A TRACT NUMBER: 28

PROPERTY OWNERSHIP: Mary B. Batey

COUNTY: Williamson MAP/PARCEL NUMBER: 145-017.13

APPRAISER: Ted A. Boozer, MAI

APPRAISER CONCLUSION OF TOTAL AMOUNT DUE OWNER: \$ 11,050

EFFECTIVE DATE OF VALUATION: 1/18/19 APPRAISAL TYPE (FORMAL, FPA, or NPP): FORMAL


ACQUISITION AREAS & APPROVED COMPENSATIONS

INTERESTS ACQUIRED	ACQ. AREAS		COMPENSATIONS
	AREA	ACS/SF	(Rounded)
FEE-SIMPLE	3,765	SF	\$ 5,200
PERM. DRNGE. ESM'T.	-		\$ -
SLOPE ESM'T.	2,304	SF	\$ 2,250
AIR RIGHTS	-		\$ -
TEMP. CONST. ESM'T.	-		\$ -
LNDOWNR IMPRVMTS.			\$ -
DAMAGES			\$ 3,600
SPECIAL BENEFITS			\$ -
NET DAMAGES			\$ 3,600
UTILITY ADJUSTMENT			\$ -
TOTL LNDOWNR COMP.			\$ 11,050.00
TENANT IMPRVMTS.			\$ -
TOTAL TRACT COMPENSATION			\$ 11,050.00

COMMENTS & EXPLANATIONS AS NECESSARY

The amount due owner is administratively rounded. The amount due owner is based on the fee simple value of \$60,000/Acre or \$1.38/SF x 3,765 SF. The slope easement is based on 70% of the fee simple value or \$1.38/SF x 70% = \$0.97/SF x 2,304 square feet. Net cost to cure damages addresses 300 LF fencing (\$3,600). The appraisal report is well written, based on sound acceptable appraisal methodology, using recent local market sales.

OFFER PREPARED BY: R. Rhett Turner, MAI, SR/WA DATE: 5/6/2019

SIGNATURE OF PREPARER: 

AGENCY AUTHORIZATION BY: _____
Date & Signature Of Authorizing Party

**THE TOWN OF THOMPSON'S STATION
APPROVED OFFER -- BASIS, SUMMARY & AUTHORIZATION**

(THIS FORM MAY BE USED FOR STAFF NPP)

STATE PROJECT NO: Critz Lane Widening Project FEDERAL PROJECT NO: N/A

LPA PROJECT ID NUMBER: (PIN) N/A TRACT NUMBER: 29

PROPERTY OWNERSHIP: Paul & Stormie Sheldon Newman

COUNTY: Williamson MAP/PARCEL NUMBER: 145-033.00

APPRAISER: Ted A. Boozer, MAI

APPRAISER CONCLUSION OF TOTAL AMOUNT DUE OWNER: \$ 6,100

EFFECTIVE DATE OF VALUATION: 4/29/19 APPRAISAL TYPE (FORMAL, FPA, or NPP): FPA

ACQUISITION AREAS & APPROVED COMPENSATIONS

	ACQ. AREAS		COMPENSATIONS	
	AREA	ACS/SF	(Rounded)	
INTERESTS ACQUIRED				
FEE-SIMPLE	1,747	SF	\$	3,445
PERM. DRNGE. ESM'T.	-		\$	-
SLOPE ESM'T.	1,912	SF	\$	2,655
AIR RIGHTS	-		\$	-
TEMP. CONST. ESM'T.	-			
LNDOWNR IMPRVMTS.			\$	-
DAMAGES			\$	-
SPECIAL BENEFITS			\$	-
NET DAMAGES			\$	-
UTILITY ADJUSTMENT			\$	-
TOTL LNDOWNR COMP.			\$	6,100.00
TENANT IMPRVMTS.			\$	-
TOTAL TRACT COMPENSATION			\$	6,100.00

COMMENTS & EXPLANATIONS AS NECESSARY

The amount due owner is administratively rounded. The amount due owner is based on the fee simple value of \$85,000/Acre or \$1.95/SF x 1,747 SF. The slope easement is based on 70% of the fee simple value or \$1.95/SF x 70% = \$1.37/SF x 1,912 square feet. The appraisal report is well written, based on sound acceptable appraisal methodology, using recent local market sales.

OFFER PREPARED BY: R. Rhett Turner, MAI, SR/WA DATE: 5/10/2019

SIGNATURE OF PREPARER: 

AGENCY AUTHORIZATION BY:
 Date & Signature Of Authorizing Party

**THE TOWN OF THOMPSON'S STATION
APPROVED OFFER -- BASIS, SUMMARY & AUTHORIZATION**

(THIS FORM MAY BE USED FOR STAFF NPP)

STATE PROJECT NO: Critz Lane Widening Project FEDERAL PROJECT NO: N/A

LPA PROJECT ID NUMBER: (PIN) N/A TRACT NUMBER: 30

PROPERTY OWNERSHIP: Troy D. Batey

COUNTY: Williamson MAP/PARCEL NUMBER: 145-017.21

APPRAISER: Ted A. Boozer, MAI

APPRAISER CONCLUSION OF TOTAL AMOUNT DUE OWNER: \$ 12,300

EFFECTIVE DATE OF VALUATION: 1/18/19 APPRAISAL TYPE (FORMAL, FPA, or NPP): FPA

ACQUISITION AREAS & APPROVED COMPENSATIONS

INTERESTS ACQUIRED	ACQ. AREAS		COMPENSATIONS
	AREA	ACS/SF	(Rounded)
FEE-SIMPLE	1,960	SF	\$ 4,580
PERM. DRNGE. ESM'T.	-		\$ -
SLOPE ESM'T.	2,855	SF	\$ 4,600
AIR RIGHTS	-		\$ -
TEMP. CONST. ESM'T.	-		\$ -
LNDOWNR IMPRVMTS.			\$ -
DAMAGES			\$ 3,120
SPECIAL BENEFITS			\$ -
NET DAMAGES			\$ 3,120
UTILITY ADJUSTMENT			\$ -
TOTL LNDOWNR COMP.			\$ 12,300.00
TENANT IMPRVMTS.			\$ -
TOTAL TRACT COMPENSATION			\$ 12,300.00

COMMENTS & EXPLANATIONS AS NECESSARY

The amount due owner is administratively rounded. The amount due owner is based on the fee simple value of \$100,000/Acre or \$2.30/SF x 1,960 SF. The slope easement is based on 70% of the fee simple value or \$2.30/SF x 70% = \$1.61/SF x 2,855 square feet. Net cost to cure damages addresses 260 LF fencing (\$3,120). The appraisal report is well written, based on sound acceptable appraisal methodology, using recent local market sales.

OFFER PREPARED BY: R. Rhett Turner, MAI, SR/WA DATE: 5/7/2019

SIGNATURE OF PREPARER:



AGENCY AUTHORIZATION BY:

Date & Signature Of Authorizing Party

**THE TOWN OF THOMPSON'S STATION
APPROVED OFFER -- BASIS, SUMMARY & AUTHORIZATION**

(THIS FORM MAY BE USED FOR STAFF NPP)

STATE PROJECT NO: Critz Lane Widening Project FEDERAL PROJECT NO: N/A

LPA PROJECT ID NUMBER: (PIN) N/A TRACT NUMBER: 31

PROPERTY OWNERSHIP: Sara Elliott

COUNTY: Williamson MAP/PARCEL NUMBER: 145-032.08

APPRAISER: Ted A. Boozer, MAI

APPRAISER CONCLUSION OF TOTAL AMOUNT DUE OWNER: \$ 28,700

EFFECTIVE DATE OF VALUATION: 4/29/19 APPRAISAL TYPE (FORMAL, FPA, or NPP): FPA

ACQUISITION AREAS & APPROVED COMPENSATIONS

INTERESTS ACQUIRED	ACQ. AREAS		COMPENSATIONS
	AREA	ACS/SF	(Rounded)
FEE-SIMPLE	2,252	SF	\$ 3,885
PERM. DRNGE. ESM'T.	-		\$ -
SLOPE ESM'T.	8,203	SF	\$ 9,844
AIR RIGHTS	-		\$ -
TEMP. CONST. ESM'T.	8,022	SF	\$ 4,171.00
LNDOWNR IMPRVMTS.			\$ -
DAMAGES			\$ 10,800
SPECIAL BENEFITS			\$ -
NET DAMAGES			\$ 10,800
UTILITY ADJUSTMENT			\$ -
TOTL LNDOWNR COMP.			\$ 28,700.00
TENANT IMPRVMTS.			\$ -
TOTAL TRACT COMPENSATION			\$ 28,700.00

COMMENTS & EXPLANATIONS AS NECESSARY

The amount due owner is administratively rounded. The amount due owner is based on the fee simple value of \$75,000/Acre or \$1.72/SF x 2,252 SF. The slope easement is based on 70% of the fee simple value or \$1.72/SF x 70% = \$1.20/SF x 8,203 square feet. The temporary construction easement is based on 10% of the fee simple value for 3 years or \$1.72/SF x 10% x 3 years = \$0.52/SF x 8,022. Net cost to cure damages addresses 540 LF fencing (\$10,800). The appraisal report is well written, based on sound acceptable appraisal methodology, using recent local market sales.

OFFER PREPARED BY: R. Rhett Turner, MAI, SR/WA DATE: 5/10/2019

SIGNATURE OF PREPARER: 

AGENCY AUTHORIZATION BY: _____
Date & Signature Of Authorizing Party

**THE TOWN OF THOMPSON'S STATION
APPROVED OFFER -- BASIS, SUMMARY & AUTHORIZATION**

(THIS FORM MAY BE USED FOR STAFF NPP)

STATE PROJECT NO: Critz Lane Widening Project FEDERAL PROJECT NO: N/A

LPA PROJECT ID NUMBER: (PIN) N/A TRACT NUMBER: 32

PROPERTY OWNERSHIP: Mary Batey, Cynthia Giles, Patricia White

COUNTY: Williamson MAP/PARCEL NUMBER: 145-017.01

APPRAISER: Ted A. Boozer, MAI

APPRAISER CONCLUSION OF TOTAL AMOUNT DUE OWNER: \$ 31,600

EFFECTIVE DATE OF VALUATION: 1/18/19 APPRAISAL TYPE (FORMAL, FPA, or NPP): FPA

ACQUISITION AREAS & APPROVED COMPENSATIONS

INTERESTS ACQUIRED	ACQ. AREAS		COMPENSATIONS
	AREA	ACS/SF	(Rounded)
FEE-SIMPLE	0.300	ACRES	\$ 14,400
PERM. DRNGE. ESM'T.	-		\$ -
SLOPE ESM'T.	0.100	ACRES	\$ 3,400
AIR RIGHTS	-		\$ -
TEMP. CONST. ESM'T.	-		\$ -
LNDOWNR IMPRVMTS.			\$ 400
DAMAGES			\$ 13,400
SPECIAL BENEFITS			\$ -
NET DAMAGES			\$ 13,400
UTILITY ADJUSTMENT			\$ -
TOTL LNDOWNR COMP.			\$ 31,600
TENANT IMPRVMTS.			\$ -
TOTAL TRACT COMPENSATION			\$ 31,600

COMMENTS & EXPLANATIONS AS NECESSARY

Minor rounding is administratively applied to the amount due owner.

OFFER PREPARED BY: R. Rhett Turner, MAI, SR/WA DATE: 2/21/2019

SIGNATURE OF PREPARER:



AGENCY AUTHORIZATION BY:

Date & Signature Of Authorizing Party

**THE TOWN OF THOMPSON'S STATION
APPROVED OFFER -- BASIS, SUMMARY & AUTHORIZATION**

(THIS FORM MAY BE USED FOR STAFF NPP)

STATE PROJECT NO: Critz Lane Widening Project FEDERAL PROJECT NO: N/A

LPA PROJECT ID NUMBER: (PIN) N/A TRACT NUMBER: 34

PROPERTY OWNERSHIP: Betty Ann Phair & Jeremy Ellis Holloway

COUNTY: Williamson MAP/PARCEL NUMBER: 145/017.01

APPRAISER: Ted A. Boozer, MAI

APPRAISER CONCLUSION OF TOTAL AMOUNT DUE OWNER: \$ 48,100

EFFECTIVE DATE OF VALUATION: 1/22/19 APPRAISAL TYPE (FORMAL, FPA, or NPP): FPA

ACQUISITION AREAS & APPROVED COMPENSATIONS

INTERESTS ACQUIRED	ACQ. AREAS		COMPENSATIONS
	AREA	ACS/SF	(Rounded)
FEE-SIMPLE	0.600	ACRES	\$ 27,000
PERM. DRNGE. ESM'T.	-		\$ -
SLOPE ESM'T.	0.370	ACRES	\$ 11,680
AIR RIGHTS	-		\$ -
TEMP. CONST. ESM'T.	-		\$ -
LNDOWNR IMPRVMTS.			\$ 530
DAMAGES			\$ 8,890
SPECIAL BENEFITS			\$ -
NET DAMAGES			\$ 8,890
UTILITY ADJUSTMENT			\$ -
TOTL LNDOWNR COMP.			\$ 48,100.00
TENANT IMPRVMTS.			\$ -
TOTAL TRACT COMPENSATION			\$ 48,100.00

COMMENTS & EXPLANATIONS AS NECESSARY

The amount due owner is administratively rounded. The damages address the cost to cure fencing, temporary during construction and permanent after completion of the project.

OFFER PREPARED BY: R. Rhett Turner, MAI, SR/WA DATE: 2/21/2019

SIGNATURE OF PREPARER: 

AGENCY AUTHORIZATION BY:
 Date & Signature Of Authorizing Party

**THE TOWN OF THOMPSON'S STATION
APPROVED OFFER -- BASIS, SUMMARY & AUTHORIZATION**

(THIS FORM MAY BE USED FOR STAFF NPP)

STATE PROJECT NO: Critz Lane Widening Project FEDERAL PROJECT NO: N/A

LPA PROJECT ID NUMBER: (PIN) N/A TRACT NUMBER: 35

PROPERTY OWNERSHIP: Darren Morris and Sonya Morris

COUNTY: Williamson MAP/PARCEL NUMBER: 145-032.05

APPRAISER: Ted A. Boozer, MAI

APPRAISER CONCLUSION OF TOTAL AMOUNT DUE OWNER: \$ 3,600

EFFECTIVE DATE OF VALUATION: 1/21/19 APPRAISAL TYPE (FORMAL, FPA, or NPP): FPA

ACQUISITION AREAS & APPROVED COMPENSATIONS

INTERESTS ACQUIRED	ACQ. AREAS		COMPENSATIONS
	AREA	ACS/SF	(Rounded)
FEE-SIMPLE	58	SF	\$ 80
PERM. DRNGE. ESM'T.	-		\$ -
SLOPE ESM'T.	418	SF	\$ 370
AIR RIGHTS	-		\$ -
TEMP. CONST. ESM'T.	262	SF	\$ 100
LNDOWNR IMPRVMTS.			\$ 2,800
DAMAGES			\$ 250
SPECIAL BENEFITS			\$ -
NET DAMAGES			\$ 250
UTILITY ADJUSTMENT			\$ -
TOTL LNDOWNR COMP.			\$ 3,600.00
TENANT IMPRVMTS.			\$ -
TOTAL TRACT COMPENSATION			\$ 3,600.00

COMMENTS & EXPLANATIONS AS NECESSARY

The amount due owner is administratively rounded. The amount due owner is based on the fee simple value of \$55,000/Acre or \$1.26/SF x 58 SF. The slope easement is based on 70% of the fee simple value or \$1.26/SF x 70% = \$0.88/SF x 418 square feet. The temporary construction easement is based on 10% of fee simple value for 3 years, or \$1.26/SF x 10% X 3 years. Improvements acquired include 58 SF of gravel driveway (\$100) and landscaping (\$2,700). Net cost to cure damages addresses the mailbox (\$250). The appraisal report is well written, based on sound acceptable appraisal methodology, using recent local market sales.

OFFER PREPARED BY: R. Rhett Turner, MAI, SR/WA DATE: 5/6/2019

SIGNATURE OF PREPARER: 

AGENCY AUTHORIZATION BY:
 Date & Signature Of Authorizing Party

**THE TOWN OF THOMPSON'S STATION
APPROVED OFFER -- BASIS, SUMMARY & AUTHORIZATION**

(THIS FORM MAY BE USED FOR STAFF NPP)

STATE PROJECT NO: Critz Lane Widening Project FEDERAL PROJECT NO: N/A

LPA PROJECT ID NUMBER: (PIN) N/A TRACT NUMBER: 36

PROPERTY OWNERSHIP: Teddy K. Peay

COUNTY: Williamson MAP/PARCEL NUMBER: 145-019.00

APPRAISER: Ted A. Boozer, MAI

APPRAISER CONCLUSION OF TOTAL AMOUNT DUE OWNER: \$ 6,700

EFFECTIVE DATE OF VALUATION: 1/22/19 APPRAISAL TYPE (FORMAL, FPA, or NPP): FPA

ACQUISITION AREAS & APPROVED COMPENSATIONS

INTERESTS ACQUIRED	ACQ. AREAS		COMPENSATIONS
	AREA	ACS/SF	(Rounded)
FEE-SIMPLE	2,353	SF	\$ 4,050
PERM. DRNGE. ESM'T.	-		\$ -
SLOPE ESM'T.	1,830	SF	\$ 2,200
AIR RIGHTS	-		\$ -
TEMP. CONST. ESM'T.	-		
LNDOWNR IMPRVMTS.			\$ 200
DAMAGES			\$ 250
SPECIAL BENEFITS			\$ -
NET DAMAGES			\$ 250
UTILITY ADJUSTMENT			\$ -
TOTL LNDOWNR COMP.			\$ 6,700.00
TENANT IMPRVMTS.			\$ -
TOTAL TRACT COMPENSATION			\$ 6,700.00

COMMENTS & EXPLANATIONS AS NECESSARY

The amount due owner is administratively rounded. The amount due owner is based on the fee simple value of \$75,000/Acre or \$1.72/SF x 2,353 SF. The slope easement is based on 70% of the fee simple value or \$1.72/SF x 70% = \$1.20/SF x 1,830 square feet. Improvements acquired are 120 SF gravel driveway (\$200). Net cost to cure damages addresses the mailbox (\$250). The appraisal report is well written, based on sound acceptable appraisal methodology, using recent local market sales.

OFFER PREPARED BY: R. Rhett Turner, MAI, SR/WA DATE: 5/7/2019

SIGNATURE OF PREPARER:



AGENCY AUTHORIZATION BY:

Date & Signature Of Authorizing Party

**THE TOWN OF THOMPSON'S STATION
APPROVED OFFER -- BASIS, SUMMARY & AUTHORIZATION**

(THIS FORM MAY BE USED FOR STAFF NPP)

STATE PROJECT NO: Critz Lane Widening Project FEDERAL PROJECT NO: N/A

LPA PROJECT ID NUMBER: (PIN) N/A TRACT NUMBER: 38

PROPERTY OWNERSHIP: Kevin M. & Shelli A. Dennis

COUNTY: Williamson MAP/PARCEL NUMBER: 145-020.00

APPRAISER: Ted A. Boozer, MAI

APPRAISER CONCLUSION OF TOTAL AMOUNT DUE OWNER: \$ 5,300

EFFECTIVE DATE OF VALUATION: 1/18/19 APPRAISAL TYPE (FORMAL, FPA, or NPP): FPA

ACQUISITION AREAS & APPROVED COMPENSATIONS

	ACQ. AREAS		COMPENSATIONS
	AREA	ACS/SF	(Rounded)
INTERESTS ACQUIRED			
FEE-SIMPLE	1,146	SF	\$ 2,380
PERM. DRNGE. ESM'T.	-		\$ -
SLOPE ESM'T.	1,630	SF	\$ 2,370
AIR RIGHTS	-		\$ -
TEMP. CONST. ESM'T.	-		
LNDOWNR IMPRVMTS.			\$ 300
DAMAGES			\$ 250
SPECIAL BENEFITS			\$ -
NET DAMAGES			\$ 250
UTILITY ADJUSTMENT			\$ -
TOTL LNDOWNR COMP.			\$ 5,300.00
TENANT IMPRVMTS.			\$ -
TOTAL TRACT COMPENSATION			\$ 5,300.00

COMMENTS & EXPLANATIONS AS NECESSARY

The amount due owner is administratively rounded. The amount due owner is based on the fee simple value of \$90,000/Acre or \$2.07/SF x 1,146 SF. The slope easement is based on 70% of the fee simple value or \$2.07/SF x 70% = \$1.45/SF x 1,630 square feet. Improvements acquired are 70 SF asphalt driveway. Net cost to cure damages addresses the mailbox (\$250). The appraisal report is well written, based on sound acceptable appraisal methodology, using recent local market sales.

OFFER PREPARED BY: R. Rhett Turner, MAI, SR/WA DATE: 5/7/2019

SIGNATURE OF PREPARER: 

AGENCY AUTHORIZATION BY:
 Date & Signature Of Authorizing Party

**THE TOWN OF THOMPSON'S STATION
APPROVED OFFER -- BASIS, SUMMARY & AUTHORIZATION**

(THIS FORM MAY BE USED FOR STAFF NPP)

STATE PROJECT NO: Critz Lane Widening Project FEDERAL PROJECT NO: N/A

LPA PROJECT ID NUMBER: (PIN) N/A TRACT NUMBER: 39

PROPERTY OWNERSHIP: Shirley McCord

COUNTY: Williamson MAP/PARCEL NUMBER: 145-020.01

APPRAISER: Ted A. Boozer, MAI

APPRAISER CONCLUSION OF TOTAL AMOUNT DUE OWNER: \$ 20,100

EFFECTIVE DATE OF VALUATION: 2/12/19 APPRAISAL TYPE (FORMAL, FPA, or NPP): FPA

ACQUISITION AREAS & APPROVED COMPENSATIONS

INTERESTS ACQUIRED	ACQ. AREAS		COMPENSATIONS
	AREA	ACS/SF	(Rounded)
FEE-SIMPLE	1,142	SF	\$ 2,350
PERM. DRNGE. ESM'T.	-		\$ -
SLOPE ESM'T.	4,821	SF	\$ 7,670
AIR RIGHTS	-		\$ -
TEMP. CONST. ESM'T.	-		\$ -
LNDOWNR IMPRVMTS.			\$ 9,800
DAMAGES			\$ 250
SPECIAL BENEFITS			\$ -
NET DAMAGES			\$ 250
UTILITY ADJUSTMENT			\$ -
TOTL LNDOWNR COMP.			\$ 20,100.00
TENANT IMPRVMTS.			\$ -
TOTAL TRACT COMPENSATION			\$ 20,100.00

COMMENTS & EXPLANATIONS AS NECESSARY

The amount due owner is administratively rounded. The amount due owner is based on the fee simple value of \$90,000/Acre or \$2.07/SF x 1,142 SF. The slope easement is valued in two separate areas based on the extent of the area. One slope easement is based on 70% of the fee simple value or \$2.07/SF x 70% = \$.145/SF x 3,751 square feet. The other identified slope easement area, 1,070 square feet is valued at 100% of fee simple value or \$2.07/SF x 1,070 SF. The gird above combines the areas and the amount due owner for the slope easement areas. Improvements acquired include landscaping and 120 SF asphalt driveway. Net cost to cure damages addresses the mailbox (\$250). The appraisal report is well written, based on sound acceptable appraisal methodology, using recent local market sales.

OFFER PREPARED BY: R. Rhett Turner, MAI, SR/WA DATE: 5/7/2019

SIGNATURE OF PREPARER: 

AGENCY AUTHORIZATION BY: _____
Date & Signature Of Authorizing Party

**THE TOWN OF THOMPSON'S STATION
APPROVED OFFER -- BASIS, SUMMARY & AUTHORIZATION**

(THIS FORM MAY BE USED FOR STAFF NPP)

STATE PROJECT NO: Critz Lane Widening Project FEDERAL PROJECT NO: N/A

LPA PROJECT ID NUMBER: (PIN) N/A TRACT NUMBER: 40

PROPERTY OWNERSHIP: George E. Ross and Gale E. Ross

COUNTY: Williamson MAP/PARCEL NUMBER: 145-032.05

APPRAISER: Ted A. Boozer, MAI

APPRAISER CONCLUSION OF TOTAL AMOUNT DUE OWNER: \$ 4,100

EFFECTIVE DATE OF VALUATION: 2/12/19 APPRAISAL TYPE (FORMAL, FPA, or NP) FPA

ACQUISITION AREAS & APPROVED COMPENSATIONS

INTERESTS ACQUIRED	ACQ. AREAS		COMPENSATIONS
	AREA	ACS/SF	(Rounded)
FEE-SIMPLE	904	SF	\$ 1,150
PERM. DRNGE. ESM'T.	-		\$ -
SLOPE ESM'T.	737	SF	\$ 650
AIR RIGHTS	-		\$ -
TEMP. CONST. ESM'T.	-		\$ -
LNDOWNR IMPRVMTS.			\$ 2,300
DAMAGES			\$ -
SPECIAL BENEFITS			\$ -
NET DAMAGES			\$ -
UTILITY ADJUSTMENT			\$ -
TOTL LNDOWNR COMP.			\$ 4,100.00
TENANT IMPRVMTS.			\$ -
TOTAL TRACT COMPENSATION			\$ 4,100.00

COMMENTS & EXPLANATIONS AS NECESSARY

The amount due owner is administratively rounded. The amount due owner is based on the fee simple value of \$55,000/Acre or \$1.26/SF x 904 SF. The slope easement is based on 70% of the fee simple value or \$1.26/SF x 70% = \$0.88/SF x 737 square feet. Improvements acquired include 75 SF of concrete driveway (\$400) and landscaping (\$1,900). The appraisal report is well written, based on sound acceptable appraisal methodology, using recent local market sales.

OFFER PREPARED BY: R. Rhett Turner, MAI, SR/WA DATE: 5/6/2019

SIGNATURE OF PREPARER:



AGENCY AUTHORIZATION BY:

Date & Signature Of Authorizing Party

**THE TOWN OF THOMPSON'S STATION
APPROVED OFFER -- BASIS, SUMMARY & AUTHORIZATION**

(THIS FORM MAY BE USED FOR STAFF NPP)

STATE PROJECT NO: Critz Lane Widening Project | FEDERAL PROJECT NO: N/A

LPA PROJECT ID NUMBER: (PIN) N/A | TRACT NUMBER: 9, 11, 13

PROPERTY OWNERSHIP: Byrd D. Cain, Jr.

COUNTY: Williamson | MAP/PARCEL NUMBER: 145/6.01, 6.02, 6.03

APPRAISER: Ted A. Boozer, MAI

APPRAISER CONCLUSION OF TOTAL AMOUNT DUE OWNER: \$ 72,000

EFFECTIVE DATE OF VALUATION: 1/18/19 | APPRAISAL TYPE (FORMAL, FPA, or NPP): FORMAL

ACQUISITION AREAS & APPROVED COMPENSATIONS

INTERESTS ACQUIRED	ACQ. AREAS		COMPENSATIONS
	AREA	ACS/SF	(Rounded)
FEE-SIMPLE	0.727	ACRES	\$ 34,900
PERM. DRNGE. ESM'T.	-		\$ -
SLOPE ESM'T.	1.090	ACRES	\$ 36,650
AIR RIGHTS	-		\$ -
TEMP. CONST. ESM'T.	0.030	ACRES	\$ 450
LNDOWNR IMPRVMTS.			\$ -
DAMAGES			\$ -
SPECIAL BENEFITS			\$ -
NET DAMAGES			\$ -
UTILITY ADJUSTMENT			\$ -
TOTL LNDOWNR COMP.			\$ 72,000
TENANT IMPRVMTS.			\$ -
TOTAL TRACT COMPENSATION			\$ 72,000

COMMENTS & EXPLANATIONS AS NECESSARY

Minor rounding is administratively applied to the amount due owner.

OFFER PREPARED BY: R. Rhett Turner, MAI, SR/WA | DATE: 2/21/2019

SIGNATURE OF PREPARER: 

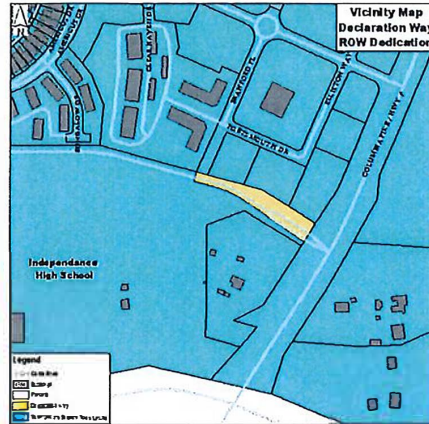
AGENCY AUTHORIZATION BY: _____
Date & Signature Of Authorizing Party

**Thompson's Station Planning Commission
Staff Report –Item 1 (FP 2019-001)
April 23, 2019**

Request to approve the final plat for Branford Place/Declaration Way.

PROJECT DESCRIPTION

A request to approve the final plat for the connection of Branford Place to Declaration Way and the dedication of Declaration Way to the Town.



BACKGROUND

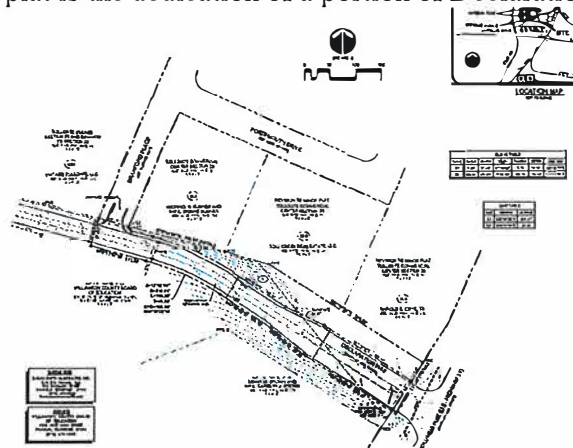
The Tollgate Village neighborhood was originally approved with three access points along Columbia Pike: a northern entrance, the central or main entrance and a southern entrance with from the neighborhood to Declaration Way which also serves Independence High School. The site development plan was modified over the years; however, the access points have been incorporated with the revisions to the layout of the overall neighborhood. Currently two accesses along Columbia Pike are constructed and open; a northern entrance and the main entrance which is signalized. The Town has coordinated with the school district for approval to connect Branford Place to Declaration Way.

On March 26, 2018, the Planning Commission approved the preliminary plat with the contingency that “prior to the recordation of the final plat, Declaration Way be accepted by the Board of Mayor and Aldermen.” In addition, the construction drawings are reviewed and approved for the completion of the construction of Branford Place to Declaration Way.

ANALYSIS

Final Plat

The purpose of the final plat is to provide a legal instrument where the transfer of ownership of lots is allowed and shall constitute a way where streets and other infrastructure can be accepted (LDO Section 5.2.7). This purpose of this plat is the dedication of a portion of Declaration Way to the Town.



Declaration Way currently provides access to Independence High School. Branford Place is partially constructed and will be completed with a connection to Declaration Way as part of the approvals for the neighborhood. The plat also contains a remainder parcel which will remain under the ownership of the Williamson County School district. In addition, the school district will be responsible for the maintenance of the landscape median and the signage for Independence High School.

RECOMMENDATION

Staff recommends the Planning Commission approve the final plat with the following contingency:

1. Prior to the recordation of the final plat, Declaration Way shall be accepted by the Board of Mayor and Aldermen.

ATTACHMENTS

Preliminary Plat

August 9th, 2019

Wendy Deats
Town Planner
Town of Thompson's Station, Tn

RE: Branford Place Extension/Declaration Way Access

Dear Wendy:

The purpose of this letter is to analyze the possible extension of Branford Place between Declaration Way and Portsmouth Drive, in the town of Thompson's Station, Tennessee. The following analysis compares three potential scenarios for the proposed intersection of Branford Place and Declaration Way. The scenarios considered are:

- Existing conditions
- Stop control
- Right-in right-out

The following intersections were analyzed in this analysis:

- Columbia Pike (US 31) and Declaration Way (unsignalized)
- US 31 and Tollgate Blvd (signalized)
- Tollgate Blvd and Branford Place (roundabout)
- Village Tollgate Dr/Portsmouth Dr and Branford Place (unsignalized)
- Tollgate Blvd and Elliston Way (unsignalized)
- Declaration Way and Proposed Access (unsignalized)

US 31 serves as a major north-south corridor in the Nashville Metro area, serving the city of Nashville to the north and the town of Thompson's Station and cities of Spring Hill and Columbia to the south. Tollgate Boulevard serves as the primary access to the Tollgate neighborhood, a large residential development, located approximately 2500 feet north of Interstate 840. Declaration Way serves as the single access to Independence High School.

Peak hour turning movement count data was collected on Wednesday, September 5, 2018, while local schools were in session, at the following locations:

- US 31 and Declaration Way
- US 31 and Tollgate Blvd
- Tollgate Blvd and Clear Haven Drive
- Village Tollgate Dr/Portsmouth Dr and Branford Place
- Tollgate Blvd and Elliston Way

These existing counts were used to calculate existing counts for all study intersections. The peak hours were found to be the following:

- AM: 6:45 – 7:45 AM
- SCHOOL: 2:45 – 3:45 PM
- PM: 4:45 – 5:45 PM

Intersections were analyzed using methodology found in the *Highway Capacity Manual*, Transportation Research Board, 2010, using Synchro traffic modeling software. The analysis

calculates a Level of Service (LOS) for each study intersection. Level of Service is a point of reference that allows comparison between different stages of delay, from LOS A (best) to LOS F (failure). Table 1 shows criteria of LOS for intersections.

Table 1. Level of Service Criteria

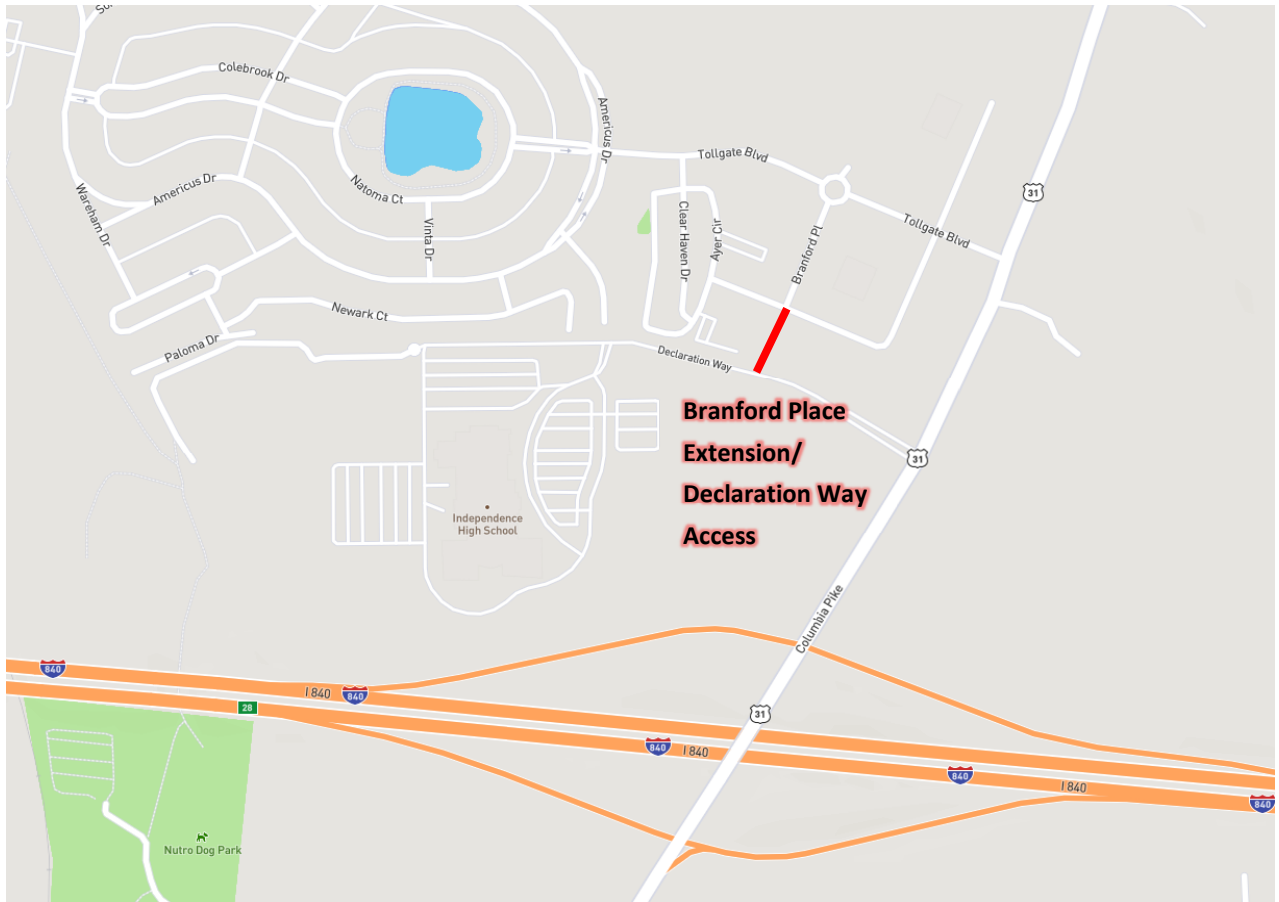
Level of Service	Description	Average Control Delay sec/vehicle		
		Signalized	Roundabout	Unsignalized
A	<i>Free Flow</i>	≤ 10	≤ 10	≤ 10
B	<i>Stable Flow - Slight Delay</i>	> 10 – 20	> 10 – 20	> 10 – 15
C	<i>Stable Flow - Acceptable Delay</i>	> 20 – 35	> 20 – 35	> 15 – 25
D	<i>Near-Unstable Flow – Tolerable Delay</i>	> 35 – 55	> 35 – 50	> 25 – 35
E	<i>Unstable Flow – Intolerable Delay</i>	> 55 – 80	> 50 – 70	> 35 – 50
F	<i>Forced Flow – Failure</i>	> 80	> 70	> 50

Highway Capacity Manual, Transportation Research Board, 2010

The results of Existing analysis are shown in Table 2, in addition to the analysis results for the proposed access.

The approximate location of the proposed access is shown in Figure 1.

Figure 1. Branford Place Extension



The following scenarios were considered for the access on Declaration Way:

1. **Full Access** – Declaration Way includes eastbound left turn lane and southbound Branford Place is stop-controlled with one exiting and one entering lane.
2. **Right-In/Right-Out** – Southbound Branford Place stop-controlled with one exiting right-turn-only lane and one entering lane for westbound right turns.
3. **Emergency Gate** – Same configuration as Full Access with a gate that blocks access except during emergencies.

The future intersection of Branford Place/Access and Vintage Tollgate Drive/Portsmouth Drive is expected to be stop-controlled for east and westbound approaches.

Existing traffic was redistributed accordingly:

1. **Full Access** – 20% of eastbound Declaration Way left-turning vehicles at US 31 distributed to use new access to eastbound Tollgate Boulevard left turn at US 31. 20% of southbound

US 31 right-turning vehicles at Declaration way distributed to use new access with right turn at Tollgate Boulevard.

2. **Right-In/Right-Out** – 20% of southbound US 31 right-turning vehicles at Declaration way distributed to use new access with right turn at Tollgate Boulevard.
3. **Emergency Gate** – If closed, same as Existing, if open same as Full Access.

These scenarios were analyzed with the proposed traffic volumes and configurations using the same methodology as the Existing conditions. The results of analysis are shown in Table 2.

Analysis does not consider the use of traffic officers during the SCHOOL peak hour. The Emergency Gate scenario is expected to operate the same as Full Access when open, and Existing when closed.

Figure 2 includes all analysis results. Green highlighted results indicate better performance than Existing, and yellow highlighted results indicate worse performance than Existing. Numbers and letters in red indicate poor LOS of E or F.

As shown in Figure 2, the proposed access has little impact on performance in all scenarios. The greatest impact is on the eastbound approach of Tollgate Boulevard at US 31, which adds approximately 5 seconds of delay to the left turn during the SCHOOL peak hour. Slight decreases and increases in delay result from redistributed traffic but have minimal impact on LOS.

The following recommendations are based on this analysis:

- Construct Branford Place Extension between the existing intersection of Branford Place and Portsmouth Drive and Declaration Way. Install sidewalk on both sides of the extension.
- Install full access intersection at Branford Place Extension and Declaration Way. Branford Place to be stop controlled. Restripe Declaration Way to include one eastbound left turn lane with 200 feet of storage. Install pedestrian crossing pavement markings, speed table, and pushbutton-activated pedestrian crossing signs at intersection, coordinating with proposed sidewalk.
- Install sidewalk on Declaration Way from Branford Place Extension to Independence High School. Although this may be installed on either side of Declaration Way (on the county school property and is assumed to be constructed by WCS), it is assumed it will be installed on the south side due to existing grading.

This proposed extension would allow a second access for more efficient traffic flow and additional access in the event of an emergency at Independence High School. The proposed recommendations are presented conceptually in Figure 2. All recommendations are subject to school and town coordination. Please contact me if you have any questions.

Sincerely,

Barge Design Solutions, Inc.



Jonathan W. Smith, P.E., IMSA TS II

Enclosures

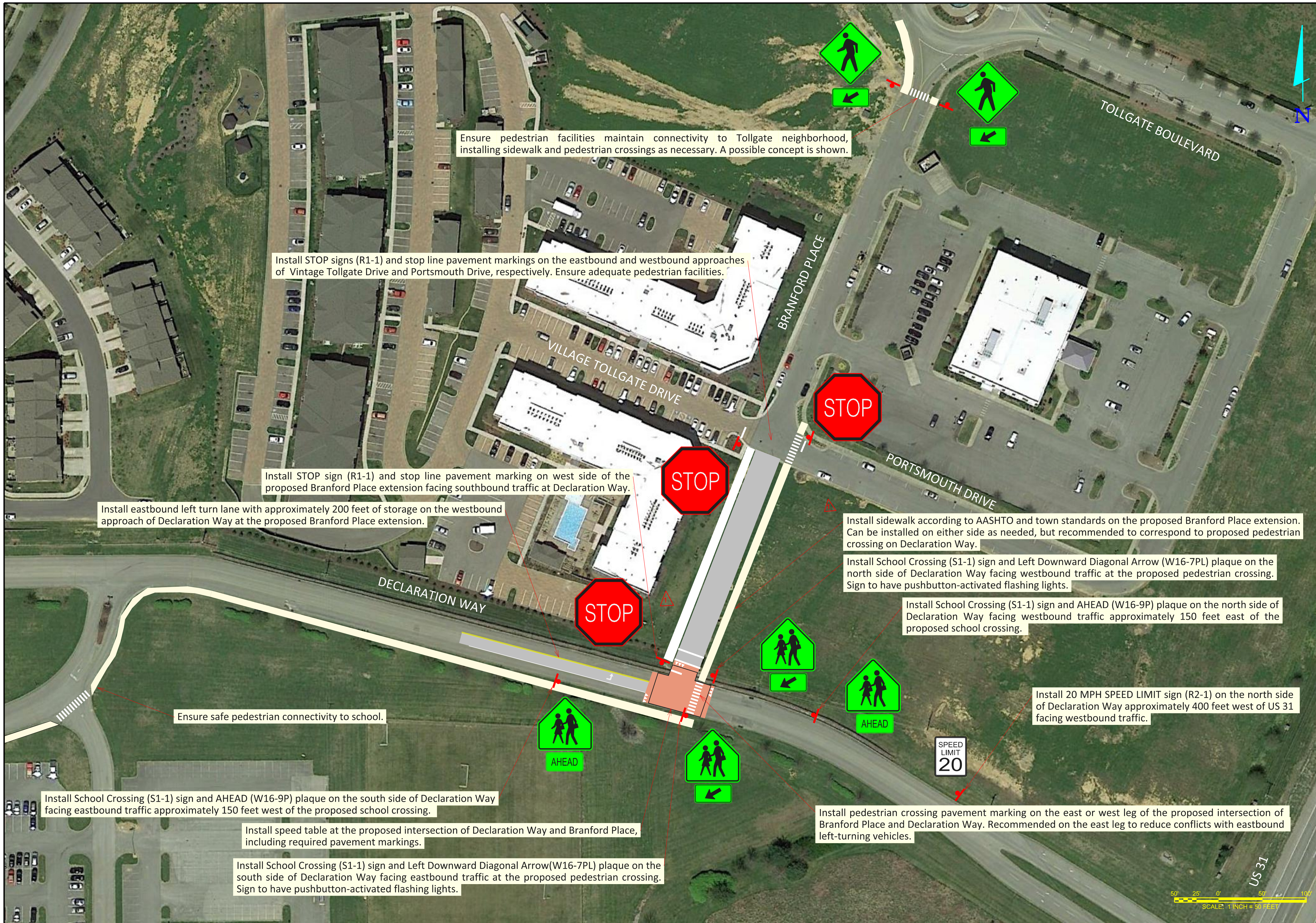
Table 2. Branford Place Extension Analysis

Figure 2. Proposed Improvements

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Table 2. Branford Place Extension Analysis

Intersection	Control	Lane Group	Storage Length	Existing Conditions									Option #1 - Full									Option #2 - RIRO								
				AM			SCHOOL			PM			AM			SCHOOL			PM			AM			SCHOOL			PM		
				Delay	LOS	Queue	Delay	LOS	Queue	Delay	LOS	Queue	Delay	LOS	Queue	Delay	LOS	Queue	Delay	LOS	Queue	Delay	LOS	Queue	Delay	LOS	Queue	Delay	LOS	Queue
1. US 31 & Declaration Way	TWSC	Overall		32.4	D		20.4	C		3.0	A		18.2	C		12.9	B		2.5	A		27.6	D		20.3	C		2.9	A	
		Eastbound		192.4	F		60.5	F		24.2	C		99.8	F		39.4	E		21.6	C		158.2	F		59.6	F		24.1	C	
		EB L	800' (32 veh)	585.3	F	288'	113.0	F	275'	39.3	E	50'	337.4	F	200'	63.7	F	170'	34.4	D	38'	477.7	F	11'	111.6	F	273'	38.6	E	50'
		EB R	275' (11 veh)	16.2	C	60'	27.9	D	168'	15.9	C	30'	15.0	C	55'	27.3	D	165'	15.8	C	30'	15.0	C	2'	27.3	D	165'	15.8	C	30'
		Northbound		8.6	A		1.7	A		1.2	A		7.2	A		1.7	A		1.2	A		7.2	A		1.7	A		1.2	A	
		NB L	560' (22 veh)	21.9	C	180'	10.2	B	10'	11.8	B	13'	18.2	C	150'	10.2	B	10'	11.7	B	13'	18.2	C	6'	10.2	B	10'	11.7	B	13'
		NB T	999' (40 veh)	0.0	A	0'	0.0	A	0'	0.0	A	0'	0.0	A	0'	0.0	A	0'	0.0	A	0'	0.0	A	0'	0.0	A	0'	0.0	A	0'
Southbound		0.0	A		0.0	A		0.0	A		0.0	A		0.0	A		0.0	A		0.0	A		0.0	A		0.0	A			
SB T	999' (40 veh)	0.0	A	0'	0.0	A	0'	0.0	A	0'	0.0	A	0'	0.0	A	0'	0.0	A	0'	0.0	A	0'	0.0	A	0'	0.0	A	0'		
SB RT	150' (6 veh)	0.0	A	0'	0.0	A	0'	0.0	A	0'	0.0	A	0'	0.0	A	0'	0.0	A	0'	0.0	A	0'	0.0	A	0'	0.0	A	0'		
2. US 31 & Tollgate Blvd	Signal	Overall		12.8	B		11.1	B		10.7	B		13.5	B		13.3	B		11.1	B		12.7	B		11.1	B		10.7	B	
		Eastbound		49.3	D		60.2	E		59.9	E		49.8	D		61.0	E		60.1	E		49.3	D		60.2	E		59.9	E	
		EB LT	200' (8 veh)	48.1	D	154'	56.1	E	115'	54.5	D	105'	51.6	D	177'	63.5	E	170'	56.1	E	121'	48.1	D	154'	56.1	E	115'	54.5	D	105'
		EB RT	200' (8 veh)	50.7	D	0'	63.6	E	0'	63.6	E	0'	47.6	D	0'	57.8	E	0'	63.4	E	0'	50.7	D	0'	63.6	E	0'	63.6	E	0'
		Northbound		4.7	A		3.2	A		3.4	A		4.9	A		3.5	A		3.4	A		4.7	A		3.2	A		3.4	A	
		NB LT	800' (32 veh)	5.5	A	35'	4.4	A	33'	5.3	A	28'	5.6	A	35'	4.8	A	37'	5.2	A	29'	5.3	A	35'	4.4	A	33'	5.2	A	28'
		NB T	999' (40 veh)	4.6	A	157'	3.0	A	86'	3.1	A	92'	4.9	A	157'	3.3	A	87'	3.2	A	98'	4.6	A	157'	3.0	A	86'	3.1	A	92'
Southbound		8.8	A		7.0	A		4.9	A		8.9	A		7.6	A		7.9	A		8.5	A		7.0	A		7.9	A			
SB T	580' (23 veh)	8.9	A	164'	7.2	A	164'	8.2	A	234'	9.0	A	141'	7.7	A	173'	8.2	A	239'	8.6	A	141'	7.1	A	162'	8.1	A	230'		
SB RT	280' (11 veh)	7.2	A	15'	6.0	A	20'	6.5	A	25'	8.2	A	27'	6.5	A	23'	6.6	A	26'	7.8	A	27'	6.0	A	21'	6.6	A	25'		
3. Portsmouth Dr & Tollgate Blvd	Roundabout	Overall		5.0	A		4.6	A		4.9	A		5.4	A		4.6	A		5.0	A		5.4	A		4.6	A		5.0	A	
		Eastbound		5.4	A		4.4	A		4.3	A		6.1	A		4.5	A		4.4	A		6.1	A		4.5	A		4.4	A	
		EB L/T/R	285' (11 veh)	5.4	A	25'	4.4	A	0'	4.3	A	0'	6.1	A	25'	4.5	A	0'	4.4	A	0'	6.1	A	25'	4.5	A	0'	4.4	A	0'
		Westbound		3.9	A		4.7	A		5.3	A		4.6	A		4.8	A		5.4	A		4.6	A		4.8	A		5.4	A	
		WB L/T/R	320' (12 veh)	3.9	A	0'	4.7	A	25'	5.3	A	25'	4.6	A	25'	4.8	A	25'	5.4	A	25'	4.6	A	25'	4.8	A	25'	5.4	A	25'
Northbound		4.7	A		3.8	A		4.0	A		4.9	A		4.4	A		4.1	A		4.7	A		3.8	A		4.0	A			
NB L/T/R	100' (4 veh)	4.7	A	0'	3.8	A	0'	4.0	A	0'	4.9	A	0'	4.4	A	0'	4.1	A	0'	4.7	A	0'	3.8	A	0'	4.0	A	0'		
Southbound		0.0	A		0.0	A		0.0	A		0.0	A		0.0	A		0.0	A		0.0	A		0.0	A		4.2	A			
SB L/T/R	100' (4 veh)	0.0	A	0'	0.0	A	0'	0.0	A	0'	0.0	A	0'	0.0	A	0'	0.0	A	0'	0.0	A	0'	0.0	A	0'	4.2	A	0'		
4. Village Tollgate & Portsmouth Dr	TWSC	Overall		7.6	A		4.8	A		3.2	A		2.0	A		2.0	A		3.2	A		0.0	A		0.0	A		0.0	A	
		Eastbound		8.6	A		8.6	A		8.6	A		9.6	A		9.2	A		9.1	A		0.0	A		0.0	A		0.0	A	
		E L/T/R	(0 veh)	8.6	A	3'	8.6	A	0'	8.6	A	0'	9.6	A	3'	9.2	A	0'	9.1	A	0'	0.0	A	0'	0.0	A	0'	0.0	A	0'
		Westbound		0.0	A		0.0	A		0.0	A		9.7	A		9.4	A		9.1	A		0.0	A		0.0	A		0.0	A	
		WB L/T/R	(0 veh)	0.0	A	0'	0.0	A	0'	0.0	A	0'	9.7	A	0'	9.4	A	0'	9.1	A	0'	0.0	A	0'	0.0	A	0'	0.0	A	0'
Northbound		--	--		--	--		--	--		0.0	A		0.0	A		0.0	A		0.0	A		0.0	A		0.0	A			
NB L/T/R	(0 veh)	--	--		--	--		--	--		0.0	A	0'	0.0	A	0'	0.0	A	0'	0.0	A	0'	0.0	A	0'	0.0	A	0'		
Southbound		0.0	A		0.0	A		0.0	A		7.3	A		0.4	A		0.0	A		0.0	A		0.0	A		0.0	A			
SB L/R	(0 veh)	0.0	A	0'	0.0	A	0'	0.0	A	0'	7.3	A	0'	7.3	A	0'	0.0	A	0'	0.0	A	0'	0.0	A	0'	0.0	A	0'		
5. Tollgate Blvd & Elliston Way	TWSC	Overall		0.9	A		1.5	A		1.3	A		0.7	A		1.4	A		1.2	A		0.7	A		1.5	A		1.2	A	
		Eastbound		0.0	A		0.0	A		0.0	A		0.0	A		0.0	A		0.0	A		0.0	A		0.0	A		0.0	A	
		EB L/T/R	(0 veh)	0.0	A	0'	0.0	A	0'	0.0	A	0'	0.0	A	0'	0.0	A	0'	0.0	A	0'	0.0	A	0'	0.0	A	0'	0.0	A	0'
		Westbound		1.4	A		0.8	A		0.5	A		0.9	A		0.8	A		0.4	A		0.9	A		0.8	A		0.4	A	
		WB L/T/R	(0 veh)	7.9	A	3'	0.8	A	0'	7.5	A	0'	8.0	A	3'	7.7	A	3'	7.6	A	0'	0.9	A	3'	7.6	A	0'	7.5	A	0'
Northbound		10.2	B		9.4	A		9.5	A		10.5	B		9.7	A		9.6	A		10.3	B		9.4	A		9.5	A			
NB L/T/R	(0 veh)	10.2	B	3'	9.4	A	3'	9.5	A	3'	10.5	B	3'	9.7	A	3'	9.6	A	3'	10.3	B	3'	9.4	A	3'	9.5	A	3'		
Southbound		12.1	B		11.7	B		12.2	B		13.4	B		12.5	B		12.5	B		13.1	B		11.9	B		12.3	B			
SB L/T/R	(0 veh)	0.0	A	0'	11.7	B	3'	12.2	B	3'	13.4	B	0'	12.5	B	3'	12.5	B	3'	13.1	B	0'	11.9	B	0'	12.3	B	3'		
6. Declaration Way & Access	TWSC	Overall		--	--		--	--		--	--		1.4	A		0.6	A		0.7	A		1.2	A		0.1	A		0.3	A	
		Eastbound		--	--		--	--		--	--		0.6	A		0.6	A		0.6	A		0.0	A		0.0	A		0.0	A	
		EB L	(0 veh)	--	--		--	--		--	--		10.2	B	3'	7.6	A	3'	7.5	A	0'	--	--		--	--		--	--	
		EB T		--	--		--	--		--	--		0.0	A	0'	0.0	A	0'	0.0	A	0'	0.0	A	0'	0.0	A	0'	0.0	A	0'
Westbound		--	--		--	--		--	--		0.0	A		9.0	A		0.0	A		0.0	A		0.0	A		0.0	A			
WB T/R	(0 veh)	--	--		--	--		--	--		0.0	A	0'	9.0	A	0'	0.0	A	0'	0.0	A	0'	0.0	A	0'	0.0	A	0'		
Southbound		--	--		--	--		--	--		20.8	C		9.0	A		9.0	A		20.8	C		9.0	A		9.0	A			
SB L/T/R	(0 veh)	--	--		--	--																								



Ensure pedestrian facilities maintain connectivity to Tollgate neighborhood, installing sidewalk and pedestrian crossings as necessary. A possible concept is shown.

Install STOP signs (R1-1) and stop line pavement markings on the eastbound and westbound approaches of Vintage Tollgate Drive and Portsmouth Drive, respectively. Ensure adequate pedestrian facilities.

Install STOP sign (R1-1) and stop line pavement marking on west side of the proposed Branford Place extension facing southbound traffic at Declaration Way.

Install eastbound left turn lane with approximately 200 feet of storage on the westbound approach of Declaration Way at the proposed Branford Place extension.

Install sidewalk according to AASHTO and town standards on the proposed Branford Place extension. Can be installed on either side as needed, but recommended to correspond to proposed pedestrian crossing on Declaration Way.

Install School Crossing (S1-1) sign and Left Downward Diagonal Arrow (W16-7PL) plaque on the north side of Declaration Way facing westbound traffic at the proposed pedestrian crossing. Sign to have pushbutton-activated flashing lights.

Install School Crossing (S1-1) sign and AHEAD (W16-9P) plaque on the north side of Declaration Way facing westbound traffic approximately 150 feet east of the proposed school crossing.

Install 20 MPH SPEED LIMIT sign (R2-1) on the north side of Declaration Way approximately 400 feet west of US 31 facing westbound traffic.

Ensure safe pedestrian connectivity to school.

Install School Crossing (S1-1) sign and AHEAD (W16-9P) plaque on the south side of Declaration Way facing eastbound traffic approximately 150 feet west of the proposed school crossing.

Install speed table at the proposed intersection of Declaration Way and Branford Place, including required pavement markings.

Install School Crossing (S1-1) sign and Left Downward Diagonal Arrow (W16-7PL) plaque on the south side of Declaration Way facing eastbound traffic at the proposed pedestrian crossing. Sign to have pushbutton-activated flashing lights.

Install pedestrian crossing pavement marking on the east or west leg of the proposed intersection of Branford Place and Declaration Way. Recommended on the east leg to reduce conflicts with eastbound left-turning vehicles.



FIGURE 2: RECOMMENDED IMPROVEMENTS

BRANFORD PLACE EXTENSION
DECLARATION WAY ACCESS

THOMPSON'S STATION, TENNESSEE

DR.	CHK.	DATE	DESCRIPTION
1		02/19	Sidewalk to be on both sides of road

RESOLUTION NO. 2019-012

**A RESOLUTION OF THE TOWN OF THOMPSON'S STATION, TENNESSEE
TO ACCEPT A RIGHT-OF-WAY DEDICATION OF A PORTION OF DECLARATION
WAY FROM WILLIAMSON COUNTY SCHOOLS**

WHEREAS, the development of Tollgate Village has been approved over the years with the understanding that a right-of-way connection between Tollgate Village and Declaration Way would be made to provide additional connectivity between the development and the Independence High School property; and

WHEREAS, Williamson County Schools ("WCS") has offered to dedicate a portion of Declaration Way to the Town to complete this connection between Tollgate Village and Independence High School; and

WHEREAS, the Board of Mayor and Aldermen has determined that it is in the best interest of the Town to accept the public right-of-way described herein.

NOW, THEREFORE, BE IT RESOLVED by the Board of Mayor and Aldermen of the Town of Thompson's Station as follows:

The Town hereby accepts the right-of-way known as Declaration Way from the western right-of-way of Columbia Pike to the intersection with Branford Place as shown on the Final Plat for Declaration Way Right-of-Way Dedication, approved by the Planning Commission on April 23, 2019. A copy of said plat is attached hereto and incorporated herein by reference.

RESOLVED AND ADOPTED this _____ day of October, 2019.

Corey Napier, Mayor

ATTEST:

Regina Fowler, Town Recorder

APPROVED AS TO LEGALITY AND FORM:

Andrew Mills, Town Attorney

GENERAL NOTES

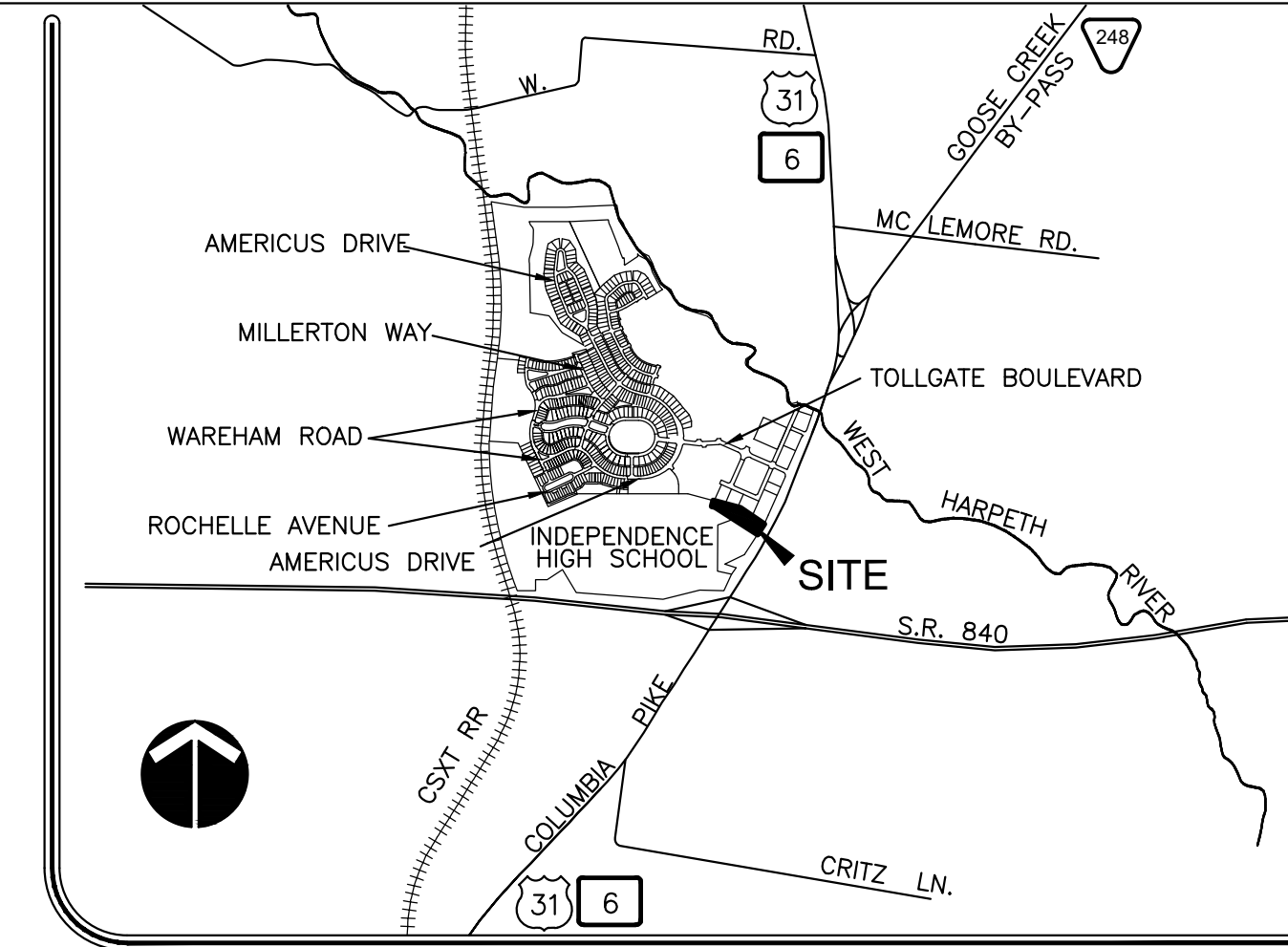
- 1. THE PURPOSE OF THIS PLAN IS TO DEDICATE RIGHT OF WAY.
2. BEARINGS SHOWN HEREON ARE BASED ON THE TENNESSEE COORDINATE SYSTEM OF 1983...
3. THIS SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES...
4. THIS PROPERTY IS CURRENTLY ZONED D3 (HIGH DENSITY RESIDENTIAL).
5. BY SCALED MAP LOCATION AND GRAPHIC PLOTTING ONLY, THIS PROPERTY LIES WITHIN FLOOD ZONES "X"...
6. ALL STREETS ARE DESIGNATED PUBLIC AND AS SUCH ARE PUBLIC UTILITY, ACCESS AND DRAINAGE EASEMENTS.
7. ALL PUBLIC STREETS AND DRAINAGE STRUCTURES WITHIN THE RIGHTS-OF-WAY WILL BE MAINTAINED BY THE TOWN OF THOMPSON'S STATION...
8. LOT 1 WILL BE RETAINED BY THE WILLIAMSON COUNTY BOARD OF EDUCATION.
9. I HEREBY STATE THAT THIS SURVEY WAS DONE IN COMPLIANCE WITH THE CURRENT TENNESSEE MINIMUM STANDARDS OF PRACTICE...

DEED REFERENCE

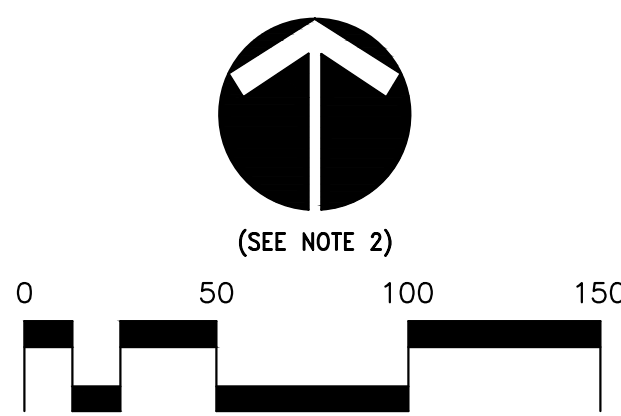
BEING A PORTION OF THE SAME PROPERTY CONVEYED TO WILLIAMSON COUNTY BOARD OF EDUCATION OF RECORD IN DOCKET NUMBER 01699, CIRCUIT COURT OF WILLIAMSON COUNTY, TENNESSEE.

PROPERTY MAP REFERENCE

BEING A PORTION OF PARCEL 41.04 AS SHOWN ON WILLIAMSON COUNTY PROPERTY MAP 132.



LOCATION MAP NOT TO SCALE



(SEE NOTE 2)

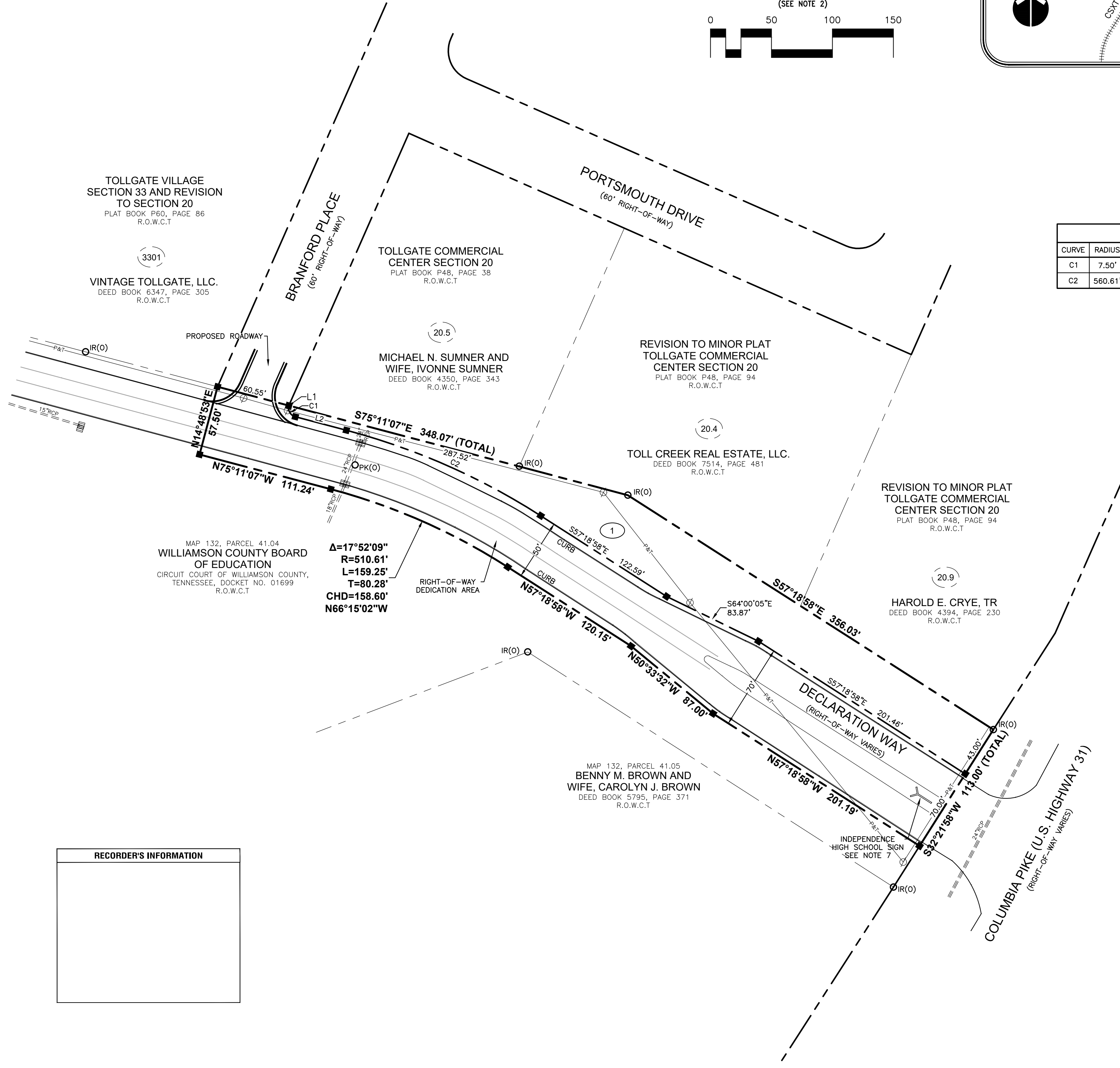
CURVE TABLE with columns: CURVE, RADIUS, LENGTH, DELTA, TANGENT, CHORD, CHD BRG. Includes data for C1 and C2.

LINE TABLE with columns: LINE, BEARING, DISTANCE. Includes data for L1 and L2.

LOT AREA TABLE with columns: LOT, SQ. FT. ±, ACRES ±. Includes data for Lot 1.

RIGHT OF WAY AREA TABLE with columns: SQ. FT. ±, ACRES ±. Includes data for the right-of-way.

SITE DATA TABLE with columns: TOTAL LOT 1 AREA, TOTAL R.O.W. DEDICATION AREA, TOTAL SITE AREA. Includes area values in acres.



Curve data: Δ=17°52'09", R=510.61', L=159.25', T=80.28', CHD=158.60', N66°15'02"W

LEGEND

- CONCRETE MONUMENT (NEW) (4" DIAMETER ALUMINUM DISC W/ 1/2" IRON ROD MARKED "RAGAN-SMITH ASSOCIATES")
IRON ROD (OLD)
PK NAIL (OLD)
UTILITY POLE
OVERHEAD POWER AND TELEPHONE LINES
CATCH BASIN/CURB INLET
REINFORCED CONCRETE PIPE
RIGHT OF WAY
LOT NUMBER
REGISTER'S OFFICE WILLIAMSON COUNTY, TENNESSEE

RECORDER'S INFORMATION

Empty box for Recorder's Information.

TOTAL AREA = 61,713 SQUARE FEET OR 1.42 ACRES ±

CERTIFICATE OF OWNERSHIP & DEDICATION

I (WE) HEREBY CERTIFY THAT I AM (WE ARE) THE OWNER(S) OF THE PROPERTY SHOWN AND DESCRIBED HEREON AS INDICATED IN DOCKET NUMBER 01699, CIRCUIT COURT OF WILLIAMSON COUNTY, TENNESSEE, AND THAT I (WE) HEREBY ADOPT THIS PLAN OF SUBDIVISION WITH MY (OUR) FREE CONSENT, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINE, AND THAT OFFERS OF IRREVOCABLE DEDICATION FOR ALL PUBLIC STREETS, UTILITIES AND OTHER FACILITIES HAVE BEEN FILED AS REQUIRED BY THESE REGULATIONS.

DATE: 4/4/19 WILLIAMSON COUNTY BOARD OF EDUCATION TITLE:

CERTIFICATE OF ACCURACY

I HEREBY CERTIFY THAT THE PLAN SHOWN AND DESCRIBED HEREON IS A TRUE AND CORRECT SURVEY TO THE ACCURACY REQUIRED BY THE THOMPSON'S STATION MUNICIPAL PLANNING COMMISSION AND THAT THE MONUMENTS HAVE BEEN OR WILL BE PLACED AS SHOWN HEREON TO THE SPECIFICATIONS OF THE SUBDIVISION REGULATIONS, AS APPROVED BY THE TOWN ENGINEER. THIS IS A CATEGORY 1 SURVEY AND THE RATIO OF PRECISION OF THE UNADJUSTED SURVEY IS GREATER THAN 1:43,595 AS SHOWN HEREON. RAGAN - SMITH - ASSOCIATES, INC. JOHN T. DARNALL, RLS NO. 1571

CERTIFICATE OF APPROVAL OF UTILITY SYSTEMS

I HEREBY CERTIFY THAT THE FOLLOWING UTILITY SYSTEMS OUTLINED OR INDICATED ON THE PLAN SHOWN HEREON HAVE BEEN INSTALLED IN ACCORDANCE WITH CURRENT LOCAL AND/OR STATE GOVERNMENT REQUIREMENTS OR THAT A SURETY BOND HAS BEEN POSTED WITH THE PLANNING COMMISSION TO ASSURE COMPLETION OF ALL REQUIRED IMPROVEMENTS IN CASE OF DEFAULT. ALSO, I CERTIFY THAT THE HYDRAULIC DESIGN CRITERIA SPECIFIED IN SECTION 3-108 OF THE THOMPSON'S STATION SUBDIVISION REGULATIONS HAVE BEEN MET.

WATER SYSTEM: HBATS UTILITY DISTRICT GENERAL MANAGER
SEWER SYSTEM: DATE: NAME, TITLE, AND AGENCY OF AUTHORIZED APPROVING AGENT

CERTIFICATION OF THE APPROVAL OF STREETS

I HEREBY CERTIFY: (1) THAT ALL STREETS DESIGNATED ON THIS FINAL SUBDIVISION PLAN HAVE BEEN INSTALLED IN AN ACCEPTABLE MANNER AND ACCORDING TO THOMPSON'S STATION'S SUBDIVISION REGULATIONS, OR (2) THAT A SURETY BOND HAS BEEN POSTED WITH THE PLANNING COMMISSION TO ASSURE COMPLETION OF ALL REQUIRED IMPROVEMENTS IN CASE OF DEFAULT. DATE: TOWN ENGINEER

CERTIFICATE OF APPROVAL OF MIDDLE TENNESSEE ELECTRIC MEMBERSHIP CORPORATION

I HEREBY CERTIFY THAT THE REQUIREMENTS SET FORTH IN RULES, REGULATIONS, BY-LAWS, POLICY AND OPERATIONAL BULLETINS, PLAT APPROVAL CHECKLIST AND TREE PLANTING GUIDELINES HAVE BEEN MET FOR MTEMC. ANY APPROVAL IS AT ALL TIMES CONTINGENT UPON CONTINUING COMPLIANCE WITH THE AFORESAID REQUIREMENTS. DATE: MIDDLE TENNESSEE ELECTRIC MEMBERSHIP CORPORATION

CERTIFICATE OF APPROVAL FOR RECORDING

I HEREBY CERTIFY THAT THE SUBDIVISION PLAN SHOWN HEREON HAS BEEN FOUND TO COMPLY WITH THOMPSON'S STATION SUBDIVISION REGULATIONS WITH THE EXCEPTION OF SUCH VARIANCES, IF ANY, AS ARE NOTED IN THE MINUTES OF THE PLANNING COMMISSION AND THAT IT HAS BEEN APPROVED FOR RECORDING IN THE OFFICE OF THE COUNTY REGISTER. DATE: SECRETARY OF PLANNING COMMISSION

CERTIFICATE OF APPROVAL OF SUBDIVISION NAME AND STREET NAMES

I DO HEREBY CERTIFY THAT THE SUBDIVISION NAME AND STREET NAMES DESIGNATED ON THIS FINAL PLAN HAVE BEEN APPROVED BY THE WILLIAMSON COUNTY EMERGENCY COMMUNICATIONS AGENCY. DATE: WILLIAMSON COUNTY PUBLIC SAFETY

CERTIFICATE FOR ADDRESSES

I DO HEREBY CERTIFY THAT THE ADDRESSES DESIGNATED ON THIS FINAL PLAN ARE THOSE ASSIGNED BY DEPARTMENT OF INFORMATION TECHNOLOGY (IT). DATE: IT DEPT. E-911 ADDRESSING COORDINATOR

FINAL PLAT

DECLARATION WAY RIGHT OF WAY DEDICATION

4TH CIVIL DISTRICT OF WILLIAMSON COUNTY, TOWN OF THOMPSON'S STATION, TENNESSEE. DRAWN BY: C. KILGORE. REVISED: APRIL 5, 2019. REVISION: MARCH 13, 2019. DATE: MARCH 5, 2019. JOB NO. 10-081. SCALE: 1" = 50' W.O. 9260.

OWNER: WILLIAMSON COUNTY BOARD OF EDUCATION, 1320 WEST MAIN STREET, FRANKLIN, TENNESSEE 37064, (615) 472-4000.

RAGAN • SMITH LAND PLANNERS • CIVIL ENGINEERS, LANDSCAPE ARCHITECTS • SURVEYORS.

315 WOODLAND ST., P.O. BOX 60070 NASHVILLE, TN. 37206. (615) 244-8591 FAX (615) 244-6739 tdarnall@ragansmith.com CONTACT: TOM DARNALL, RLS SHEET 1 OF 1

010801520201 SURVEY PLATS/DECLARATION WAY/DECLARATION WAY FINAL PLAT.DWG. PLOTTED BY: AMANDA REED ON: 4/20/19 4:40 PM. LAST UPDATED BY: RAGAN-SMITH ASSOCIATES