CALL NO. 203

CONTRACT ID. 224303

WHITLEY COUNTY

FED/STATE PROJECT NUMBER 118GR22T004-HSIP

DESCRIPTION CUMBERLAND FALLS HIGHWAY (US 25W)

WORK TYPE JPC PAVEMENT WITH GRADE & DRAIN

PRIMARY COMPLETION DATE 10/31/2022

LETTING DATE: February 24,2022

Sealed Bids will be received electronically through the Bid Express bidding service until 10:00 am EASTERN STANDARD TIME February 24,2022. Bids will be publicly announced at 10:00 am EASTERN STANDARD TIME.

NO PLANS ASSOCIATED WITH THIS PROJECT.

DBE CERTIFICATION REQUIRED - 12%

REQUIRED BID PROPOSAL GUARANTY: Not less than 5% of the total bid.

TABLE OF CONTENTS

PART I SCOPE OF WORK
- PROJECT(S), COMPLETION DATE(S), & LIQUIDATED DAMAGES
- CONTRACT NOTES
- FEDERAL CONTRACT NOTES
- ASPHALT MIXTURE
- DGA BASE
- FUEL AND ASPHALT PAY ADJUSTMENT
- COMPACTION OPTION B
- SPECIAL NOTE(S) APPLICABLE TO PROJECT
- LIQUIDATED DAMAGES
- WASTE AND BORROW SITES
- COORDINATION OF WORK WITH OTHER CONTRACTS
- GUARDRAIL
- TYPICAL SECTION DIMENSIONS
- TRAFFIC CONTROL PLAN
- DURABLE PAVEMENT EDGE DETAILS
- RIGHT OF WAY CERTIFICATION
- UTILITY IMPACT & RAIL CERTIFICATION NOTES
- KPDES STORM WATER PERMIT, BMP AND ENOI
- MATERIAL SUMMARY
- DETAIL SHEET(S)
- GUARDRAIL DELIVERY VERIFICATION SHEET

PART II SPECIFICATIONS AND STANDARD DRAWINGS
- SPECIFICATIONS REFERENCE
- SUPPLEMENTAL SPECIFICATION
- [SN-11M] BARCODE LABEL ON PERMANENT SIGNS
- 2020 STANDARD DRAWINGS THAT APPLY

PART III EMPLOYMENT, WAGE AND RECORD REQUIREMENTS
- FEDERAL-AID CONSTRUCTION CONTRACTS - FHWA 1273
- NONDISCRIMINATION OF EMPLOYEES
- EXECUTIVE BRANCH CODE OF ETHICS
- PROJECT WAGE RATES LOCALITY 2 / FEDERAL
- NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION TO ENSURE EEO WHITLEY

PART IV INSURANCE

PART V BID ITEMS

PART I

SCOPE OF WORK

ADMINISTRATIVE DISTRICT - 11

CONTRACT ID - 224303

118GR22T004-HSIP

COUNTY - WHITLEY

PCN - 1111800252201
HSIP 5152(006)

CUMBERLAND FALLS HIGHWAY (US 25W) (MP 16.027) CONSTRUCT ROUNDABOUTS AT THE INTERCHANGE OF US 25W AND 1-75 (EXIT 15) (MP 16.380), A DISTANCE OF 0.35 MILES.JPC PAVEMENT WITH GRADE & DRAIN SYP NO. 11-09015.20.

GEOGRAPHIC COORDINATES LATITUDE 36:47:34.00 LONGITUDE 84:10:12.00

PCN - 1111800252202
HSIP 5152(005)

CUMBERLAND FALLS HIGHWAY (US 25W) (MP 13.400) FROM 0.294 MILES SOUTH OF KY 856 EXTENDING NORTH TO 0.020 MILES NORTH OF KY 2379 (MP 16.400), A DISTANCE OF 03.00 MILES.ASPHALT PAVEMENT & ROADWAY REHAB SYP NO. 11-09012.00.

GEOGRAPHIC COORDINATES LATITUDE 36:46:37.55 LONGITUDE 84:09:38.49

COMPLETION DATE(S):

COMPLETED BY 10/31/2022 APPLIES TO ENTIRE PROJECT

CONTRACT NOTES

PROPOSAL ADDENDA

All addenda to this proposal must be applied when calculating bid and certified in the bid packet submitted to the Kentucky Department of Highways. Failure to use the correct and most recent addenda may result in the bid being rejected.

BID SUBMITTAL

Bidder must use the Department's electronic bidding software. The Bidder must download the bid file located on the Bid Express website (www.bidx.com) to prepare a bid packet for submission to the Department. The bidder must submit electronically using Bid Express.

JOINT VENTURE BIDDING

Joint venture bidding is permissible. All companies in the joint venture must be prequalified in one of the work types in the Qualifications for Bidders for the project. The bidders must get a vendor ID for the joint venture from the Division of Construction Procurement and register the joint venture as a bidder on the project. Also, the joint venture must obtain a digital ID from Bid Express to submit a bid. A joint bid bond of 5% may be submitted for both companies or each company may submit a separate bond of 5%.

UNDERGROUND FACILITY DAMAGE PROTECTION

The contractor shall make every effort to protect underground facilities from damage as prescribed in the Underground Facility Damage Protection Act of 1994, Kentucky Revised Statute KRS 367.4901 to 367.4917. It is the contractor's responsibility to determine and take steps necessary to be in compliance with federal and state damage prevention directives. When prescribed in said directives, the contractor shall submit Excavation Locate Requests to the Kentucky Contact Center (KY811) via web ticket entry. The submission of this request does not relieve the contractor from the responsibility of contacting non-member facility owners, whom shall be contacted through their individual Protection Notification Center. Non-compliance with these directives can result in the enforcement of penalties.

REGISTRATION WITH THE SECRETARY OF STATE BY A FOREIGN ENTITY

Pursuant to KRS 176.085(1)(b), an agency, department, office, or political subdivision of the Commonwealth of Kentucky shall not award a state contract to a person that is a foreign entity required by KRS 14A.9-010 to obtain a certificate of authority to transact business in the Commonwealth ("certificate") from the Secretary of State under KRS 14A.9-030 unless the person produces the certificate within fourteen (14) days of the bid or proposal opening. If the foreign entity is not required to obtain a certificate as provided in KRS 14A.9-010, the foreign entity should identify the applicable exception. Foreign entity is defined within KRS 14A.1-070.

For all foreign entities required to obtain a certificate of authority to transact business in the Commonwealth, if a copy of the certificate is not received by the contracting agency within the time frame identified above, the foreign entity's solicitation response shall be deemed non-responsive or the awarded contract shall be cancelled.

Businesses can register with the Secretary of State at https://secure.kentucky.gov/sos/ftbr/welcome.aspx .

SPECIAL NOTE FOR PROJECT QUESTIONS DURING ADVERTISEMENT

Questions about projects during the advertisement should be submitted in writing to the Division of Construction Procurement. This may be done by fax (502) 564-7299 or email to kytc.projectquestions@ky.gov. The Department will attempt to answer all submitted questions. The Department reserves the right not to answer if the question is not pertinent or does not aid in clarifying the project intent.

The deadline for posting answers will be 3:00 pm Eastern Daylight Time, the day preceding the Letting. Questions may be submitted until this deadline with the understanding that the later a question is submitted, the less likely an answer will be able to be provided.

The questions and answers will be posted for each Letting under the heading "Questions & Answers" on the Construction Procurement website (www.transportation.ky.gov/contract). The answers provided shall be considered part of this Special Note and, in case of a discrepancy, will govern over all other bidding documents.

HARDWOOD REMOVAL RESTRICTIONS

The US Department of Agriculture has imposed a quarantine in Kentucky and several surrounding states, to prevent the spread of an invasive insect, the emerald ash borer. Hardwood cut in conjunction with the project may not be removed from the state. Chipping or burning on site is the preferred method of disposal.

INSTRUCTIONS FOR EXCESS MATERIAL SITES AND BORROW SITES

Identification of excess material sites and borrow sites shall be the responsibility of the Contractor. The Contractor shall be responsible for compliance with all applicable state and federal laws and may wish to consult with the US Fish and Wildlife Service to seek protection under Section 10 of the Endangered Species Act for these activities.

ACCESS TO RECORDS

The contractor, as defined in KRS 45A.030 (9) agrees that the contracting agency, the Finance and Administration Cabinet, the Auditor of Public Accounts, and the Legislative Research Commission, or their duly authorized representatives, shall have access to any books, documents, papers, records, or other evidence, which are directly pertinent to this contract for the purpose of financial audit or program review. Records and other prequalification information confidentially

disclosed as part of the bid process shall not be deemed as directly pertinent to the contract and shall be exempt from disclosure as provided in KRS 61.878(1)(c). The contractor also recognizes that any books, documents, papers, records, or other evidence, received during a financial audit or program review shall be subject to the Kentucky Open Records Act, KRS 61.870 to 61.884.

In the event of a dispute between the contractor and the contracting agency, Attorney General, or the Auditor of Public Accounts over documents that are eligible for production and review, the Finance and Administration Cabinet shall review the dispute and issue a determination, in accordance with Secretary's Order 11-004.

April 30, 2018

FEDERAL CONTRACT NOTES

The Kentucky Department of Highways, in accordance with the Regulations of the United States Department of Transportation 23 CFR 635.112 (h), hereby notifies all bidders that failure by a bidder to comply with all applicable sections of the current Kentucky Standard Specifications, including, but not limited to the following, may result in a bid not being considered responsive and thus not eligible to be considered for award:

102.02 Current Rating	102.08 Preparation and Delivery of Proposals
102.13 Irregular Bid Proposals	102.14 Disqualification of Bidders
102.09 Proposal Guaranty	

CIVIL RIGHTS ACT OF 1964

The Kentucky Department of Highways, in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252) and the Regulations of the Federal Department of Transportation (49 C.F.R., Part 21), issued pursuant to such Act, hereby notifies all bidders that it will affirmatively insure that the contract entered into pursuant to this advertisement will be awarded to the lowest responsible bidder without discrimination on the ground of race, color, or national origin.

NOTICE TO ALL BIDDERS

To report bid rigging activities call: 1-800-424-9071.

The U.S. Department of Transportation (DOT) operates the above toll-free “hotline” Monday through Friday, 8:00 a.m. to 5:00 p.m. eastern time. Anyone with knowledge of possible bid rigging, bidder collusion, or other fraudulent activities should use the “hotline” to report such activities.

The “hotline” is part of the DOT’s continuing effort to identify and investigate highway construction contract fraud and abuse and is operated under the direction of the DOT Inspector General. All information will be treated confidentially and caller anonymity will be respected.

SECOND TIER SUBCONTRACTS

Second tier subcontracts are acceptable per Section 108.01 of the Standard Specifications for Road and Bridge Construction. There are special rules to DBE subcontractors satisfying DBE goals on federal-aid projects. 1st-Tier DBE Subcontractors may only enter into a 2nd-Tier subcontract with another DBE contractor.

DISADVANTAGED BUSINESS ENTERPRISE PROGRAM

It is the policy of the Kentucky Transportation Cabinet ("the Cabinet") that Disadvantaged Business Enterprises ("DBE") shall have the opportunity to participate in the performance of highway construction projects financed in whole or in part by Federal Funds in order to create a level playing field for all businesses who wish to contract with the Cabinet. To that end, the Cabinet will comply with the regulations found in 49 CFR Part 26, and the definitions and requirements contained therein shall be adopted as if set out verbatim herein.

The Cabinet, contractors, subcontractors, and sub-recipients shall not discriminate on the basis of race, color, national origin, or sex in the performance of work performed pursuant to Cabinet contracts. The contractor shall carry out applicable requirements of 49 CFR 26 in the award and administration of federally assisted highway construction projects. The contractor will include this provision in all its subcontracts and supply agreements pertaining to contracts with the Cabinet.

Failure by the contractor to carry out these requirements is a material breach of its contract with the Cabinet, which may result in the termination of the contract or such other remedy as the Cabinet deems necessary.

DBE GOAL

The Disadvantaged Business Enterprise (DBE) goal established for this contract, as listed on the front page of the proposal, is the percentage of the total value of the contract.

The contractor shall exercise all necessary and reasonable steps to ensure that Disadvantaged Business Enterprises participate in a least the percent of the contract as set forth above as goals for this contract.

OBLIGATION OF CONTRACTORS

Each contractor prequalified to perform work on Cabinet projects shall designate and make known to the Cabinet a liaison officer who is assigned the responsibility of effectively administering and promoting an active program for utilization of DBEs.

If a formal goal has not been designated for the contract, all contractors are encouraged to consider DBEs for subcontract work as well as for the supply of material and services needed to perform this work.

Contractors are encouraged to use the services of banks owned and controlled by minorities and women.

CERTIFICATION OF CONTRACT GOAL

Contractors shall include the following certification in bids for projects for which a DBE goal has been established. BIDS SUBMITTED WHICH DO NOT INCLUDE CERTIFICATION OF DBE PARTICIPATION WILL NOT BE ACCEPTED. These bids will not be considered for award by the Cabinet and they will be returned to the bidder.

"The bidder certifies that it has secured participation by Disadvantaged Business Enterprises ("DBE") in the amount of_____percent of the total value of this contract and that the DBE participation is in compliance with the requirements of 49 CFR 26 and the policies of the Kentucky Transportation Cabinet pertaining to the DBE Program."

The certification statement is located in the electronic bid file. All contractors must certify their DBE participation on that page. DBEs utilized in achieving the DBE goal must be certified and prequalified for the work items at the time the bid is submitted.

DBE PARTICIPATION PLAN

Lowest responsive bidders must submit the *DBE Plan/ Subcontractor Request*, form TC 14-35 DBE, within 5 days of the letting. This is necessary before the Awards Committee will review and make a recommendation. **The project will not be considered for award prior to submission and approval of the apparent low bidder's DBE Plan/Subcontractor Request.**

The DBE Participation Plan shall include the following:

1. Name and address of DBE Subcontractor(s) and/or supplier(s) intended to be used in the proposed project;
2. Description of the work each is to perform including the work item, unit, quantity, unit price and total amount of the work to be performed by the individual DBE. The Proposal Line Number, Category Number, and the Project Line Number can be found in the "material listing" on the Construction Procurement website under the specific letting;
3. The dollar value of each proposed DBE subcontract and the percentage of total project contract value this represents. DBE participation may be counted as follows;
   a. If DBE suppliers and manufactures assume actual and contractual responsibility, the dollar value of materials to be furnished will be counted toward the goal as follows:
      - The entire expenditure paid to a DBE manufacturer;
      - 60 percent of expenditures to DBE suppliers that are not manufacturers provided the supplier is a regular dealer in the product involved. A regular dealer must be engaged in, as its principal business and in its own name, the sale of products to the public, maintain an inventory and own and operate distribution equipment; and
      - The amount of fees or commissions charged by the DBE firms for a bona fide service, such as professional, technical, consultant, or managerial services and assistance in the procurement of essential personnel, facilities, equipment, materials, supplies, delivery of materials and supplies or for furnishing bonds, or insurance, providing such fees or commissions are determined to be reasonable and customary.

b) The dollar value of services provided by DBEs such as quality control testing, equipment repair and maintenance, engineering, staking, etc.;
c) The dollar value of joint ventures. DBE credit for joint ventures will be limited to the dollar amount of the work actually performed by the DBE in the joint venture;

4. Written and signed documentation of the bidder's commitment to use a DBE contractor whose participation is being utilized to meet the DBE goal; and
5. Written and signed confirmation from the DBE that it is participating in the contract as provided in the prime contractor's commitment.

UPON AWARD AND BEFORE A WORK ORDER WILL BE ISSUED

Contractors must submit the signed subcontract between the contractor and the DBE contractor, along with the DBE's certificate of insurance. If the DBE is a supplier of materials for the project, a signed purchase order must be submitted to the Division of Construction Procurement.

Changes to DBE Participation Plans must be approved by the Cabinet. The Cabinet may consider extenuating circumstances including, but not limited to, changes in the nature or scope of the project, the inability or unwillingness of a DBE to perform the work in accordance with the bid, and/or other circumstances beyond the control of the prime contractor.

CONSIDERATION OF GOOD FAITH EFFORTS REQUESTS

If the DBE participation submitted in the bid by the apparent lowest responsive bidder does not meet or exceed the DBE contract goal, the apparent lowest responsive bidder must submit a Good Faith Effort Package to satisfy the Cabinet that sufficient good faith efforts were made to meet the contract goals prior to submission of the bid. Efforts to increase the goal after bid submission will not be considered in justifying the good faith effort, unless the contractor can show that the proposed DBE was solicited prior to the letting date. DBEs utilized in achieving the DBE goal must be certified and prequalified for the work items at the time the bid is submitted. One complete set (hard copy along with an electronic copy) of this information must be received in the Division of Contract Procurement no later than 12:00 noon of the tenth calendar day after receipt of notification that they are the apparent low bidder.

Where the information submitted includes repetitious solicitation letters it will be acceptable to submit a sample representative letter along with a distribution list of the firms solicited. Documentation of DBE quotations shall be a part of the good faith effort submittal as necessary to demonstrate compliance with the factors listed below which the Cabinet considers in judging good faith efforts. This documentation may include written subcontractors' quotations, telephone log notations of verbal quotations, or other types of quotation documentation.

The Good Faith Effort Package shall include, but may not be limited to information showing evidence of the following:

1. Whether the bidder attended any pre-bid meetings that were scheduled by the Cabinet to inform DBEs of subcontracting opportunities;
2. Whether the bidder provided solicitations through all reasonable and available means;
3. Whether the bidder provided written notice to all DBEs listed in the DBE directory at the time of the letting who are prequalified in the areas of work that the bidder will be subcontracting;
4. Whether the bidder followed up initial solicitations of interest by contacting DBEs to determine with certainly whether they were interested. If a reasonable amount of DBEs within the targeted districts do not provide an intent to quote or no DBEs are prequalified in the subcontracted areas, the bidder must notify the Disadvantaged Enterprise Business Liaison Officer (DEBLO) in the Office of Civil Rights and Small Business Development to give notification of the bidder's inability to get DBE quotes;
5. Whether the bidder selected portions of the work to be performed by DBEs in order to increase the likelihood of meeting the contract goals. This includes, where appropriate, breaking out contract work items into economically feasible units to facilitate DBE participation, even when the prime contractor might otherwise perform these work items with its own forces;
6. Whether the bidder provided interested DBEs with adequate and timely information about the plans, specifications, and requirements of the contract;
7. Whether the bidder negotiated in good faith with interested DBEs not rejecting them as unqualified without sound reasons based on a thorough investigation of their capabilities. Any rejection should be so noted in writing with a description as to why an agreement could not be reached;
8. Whether quotations were received from interested DBE firms but were rejected as unacceptable without sound reasons why the quotations were considered unacceptable. The fact that the DBE firm's quotation for the work is not the lowest quotation received will not in itself be considered as a sound reason for rejecting the quotation as unacceptable. The fact that the bidder has the ability and/or desire to perform the contract work with its own forces will not be considered a sound reason for rejecting a DBE quote. Nothing in this provision shall be construed to require the bidder to accept unreasonable quotes in order to satisfy DBE goals;
9. Whether the bidder specifically negotiated with subcontractors to assume part of the responsibility to meet the contract DBE goal when the work to be subcontracted includes potential DBE participation;
10. Whether the bidder made any efforts and/or offered assistance to interested DBEs in obtaining the necessary equipment, supplies, materials, insurance and/or bonding to satisfy the work requirements of the bid proposal; and
11. Any other evidence that the bidder submits which may show that the bidder has made reasonable good faith efforts to include DBE participation.

FAILURE TO MEET GOOD FAITH REQUIREMENT

Where the apparent lowest responsive bidder fails to submit sufficient participation by DBE firms to meet the contract goal and upon a determination by the Good Faith Committee based upon the information submitted that the apparent lowest responsive bidder failed to make sufficient reasonable efforts to meet the contract goal, the bidder will be offered the opportunity to meet in person for administrative reconsideration. The bidder will be notified of the Committee's decision within 24 hours of its decision. The bidder will have 24 hours to request reconsideration of the Committee's decision. The reconsideration meeting will be held within two days of the receipt of a request by the bidder for reconsideration.

The request for reconsideration will be heard by the Office of the Secretary. The bidder will have the opportunity to present written documentation or argument concerning the issue of whether it met the goal or made an adequate good faith effort. The bidder will receive a written decision on the reconsideration explaining the basis for the finding that the bidder did or did not meet the goal or made adequate Good Faith efforts to do so.

The result of the reconsideration process is not administratively appealable to the Cabinet or to the United States Department of Transportation.

The Cabinet reserves the right to award the contract to the next lowest responsive bidder or to rebid the contract in the event that the contract is not awarded to the low bidder as the result of a failure to meet the good faith requirement.

SANCTIONS FOR FAILURE TO MEET DBE REQUIREMENTS OF THE PROJECT

Failure by the prime contractor to fulfill the DBE requirements of a project under contract or to demonstrate good faith efforts to meet the goal constitutes a breach of contract. When this occurs, the Cabinet will hold the prime contractor accountable, as would be the case with all other contract provisions. Therefore, the contractor's failure to carry out the DBE contract requirements shall constitute a breach of contract and as such the Cabinet reserves the right to exercise all administrative remedies at its disposal including, but not limited to the following:

- Suspension of Prequalification;
- Disallow credit toward the DBE goal;
- Withholding progress payments;
- Withholding payment to the prime in an amount equal to the unmet portion of the contract goal; and/or
- Termination of the contract.

PROMPT PAYMENT

The prime contractor will be required to pay the DBE and Non-DBE Subcontractors within seven (7) working days after he or she has received payment from the Kentucky Transportation Cabinet for work performed or materials furnished.

CONTRACTOR REPORTING

All contractors must keep detailed records and provide reports to the Cabinet on their progress in meeting the DBE requirement on any highway contract. These records may include, but shall not be limited to payroll, lease agreements, cancelled payroll checks, executed subcontracting agreements, etc. Prime contractors will be required to complete and submit a ***signed and notarized*** Affidavit of Subcontractor Payment (TC 18-7) and copies of checks for any monies paid to each DBE subcontractor or supplier utilized to meet a DBE goal. These documents must be completed and signed within 7 days of being paid by the Cabinet.

Payment information that needs to be reported includes date the payment is sent to the DBE, check number, Contract ID, amount of payment and the check date. Before Final Payment is made on this contract, the Prime Contractor will certify that all payments were made to the DBE subcontractor and/or DBE suppliers.

********* IMPORTANT *********

Please mail the original, signed and completed TC (18-7) Affidavit of Subcontractor Payment form and all copies of checks for payments listed above to the following address:

Office of Civil Rights and Small Business Development
6th Floor West 200 Mero Street
Frankfort, KY 40622

The prime contractor should notify the KYTC Office of Civil Rights and Small Business Development seven (7) days prior to DBE contractors commencing work on the project. The contact in this office is Mr. Melvin Bynes. Mr. Bynes' current contact information is email address – melvin.bynes2@ky.gov and the telephone number is (502) 564-3601.

DEFAULT OR DECERTIFICATION OF THE DBE

If the DBE subcontractor or supplier is decertified or defaults in the performance of its work, and the overall goal cannot be credited for the uncompleted work, the prime contractor may utilize a substitute DBE or elect to fulfill the DBE goal with another DBE on a different work item. If after exerting good faith effort in accordance with the Cabinet's Good Faith Effort policies and procedures, the prime contractor is unable to replace the DBE, then the unmet portion of the goal may be waived at the discretion of the Cabinet.

PROHIBITION ON TELECOMMUNICATIONS EQUIPMENT OR SERVICES

In accordance with the FY 2019 National Defense Authorization Act (NDAA), 2 CFR 200.216, and 2 CFR 200.471, Federal agencies are prohibited, after August 13, 2020, from obligating or expending financial assistance to obtain certain telecommunications and video surveillance services and equipment from specific producers. As a result of these regulations, contractors and subcontractors are prohibited, on projects with federal funding participation, from providing telecommunication or video surveillance equipment, services, or systems produced by:

- Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliate of such entities)
- Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliate of such entities)

LEGAL REQUIREMENTS AND RESPONSIBILITY TO THE PUBLIC – CARGO PREFERENCE ACT (CPA).

(REV 12-17-15) (1-16)

SECTION 7 is expanded by the following new Article:

102.10 **Cargo Preference Act – Use of United States-flag vessels.**

Pursuant to Title 46CFR Part 381, the Contractor agrees

- To utilize privately owned United States-flag commercial vessels to ship at least 50 percent of the gross tonnage (computed separately for dry bulk carriers, dry cargo liners, and tankers) involved, whenever shipping any equipment, material, or commodities pursuant to this contract, to the extent such vessels are available at fair and reasonable rates for United States-flag commercial vessels.
- To furnish within 20 days following the date of loading for shipments originating within the United States or within 30 working days following the date of loading for shipments originating outside the United States, a legible copy of a rated, 'on-board' commercial ocean bill-of-lading in English for each shipment of cargo described in paragraph 1 of this section to both the Contracting Officer (through the prime contractor in the case of subcontractor bills-of-lading) and to the Division of National Cargo, Office of Market Development, Maritime Administration, Washington, DC 20590.
- To insert the substance of the provisions of this clause in all subcontracts issued pursuant to this contract.

ASPHALT MIXTURE

Unless otherwise noted, the Department estimates the rate of application for all asphalt mixtures to be 110 lbs/sy per inch of depth.

DGA BASE

Unless otherwise noted, the Department estimates the rate of application for DGA Base to be 115 lbs/sy per inch of depth.

FUEL AND ASPHALT PAY ADJUSTMENT

The Department has included the Contract items Asphalt Adjustment and Fuel Adjustment for possible future payments at an established Contract unit price of $1.00. The Department will calculate actual adjustment quantities after work is completed. If existing Contract amount is insufficient to pay all items on the contract with the adjustments, the Department will establish additional monies with a change order.

OPTION B

Be advised that the Department will control and accept compaction of asphalt mixtures furnished on this project under OPTION B in accordance with Sections 402 and 403.

Special Notes Applicable to Project – General Notes & Description of Work

CAUTION

The information in this proposal and the type of work listed herein are approximate only and are not to be taken as an exact evaluation of the materials and conditions to be encountered during construction; the bidder must draw his/her own conclusions when developing the Unit Bid Prices for each bid item. As such, if the conditions encountered are not in accordance with the information shown, the Department does not guarantee any changes to the Unit Bid Prices nor extension of the contract will be considered. The Department will pay for bid item quantity overruns, but only if pre-approved by the Engineer.

STATIONING

Independent stationing has been established for the two projects within this Contract. Refer to each project's Coordinate Control Sheet for the stationing of each project.

LIDAR

Limited survey data was obtained in the area of the US 25W and I-75 interchanges and was supplemented with available KYTC Aerial LIDAR. All information should be field-verified as appropriate during construction and prior to incorporating the various project work items. Refer to the Special Note for Staking concerning staking operations required to control and construct the work.

ON-SITE INSPECTION

Before submitting a bid for the work, make a thorough inspection of the site and determine existing conditions so that the work can be expeditiously performed after a contract is awarded. The Department will consider submission of a bid to be evidence of this inspection having been made. The Department will not honor any claims for money or time extension resulting from site conditions.

RIGHT OF WAY LIMITS

The Department has not established the exact limits of the Right-of-Way. Unless a consent and release form is obtained from the adjoining property owner, limit work activities to the obvious Right-of-Way and staging areas secured and environmentally cleared by the Contractor at no additional cost to the Department. In the event that private improvements (i.e. fences, buildings, etc.) encroach upon the Right-of-Way, the contractor shall notify the Engineer and limit work activities in order to NOT disturb the improvements. If they become necessary, the Department will secure consent and releases from property owners through the Engineer. Be responsible for all encroachments onto private lands.

CONTROL

Perform all work under the absolute control of the Department of Highways. Obtain the Engineer's approval of all designs required to be furnished by the Contractor prior to incorporation into the work. The Department reserves the right to have other work performed by other contractors and its own forces and to permit public utility companies and others to do work during the construction within the limits of, or adjacent to, the project. Conduct operations and cooperate with such other parties so that interference with such other work will be reduced to a minimum. The Department will not honor any claims for money or time extension created by the operations of such other parties. Should a difference of opinion arise as to the rights of the Contractor and others working within the limits of, or adjacent to, the project, the Engineer will decide as to the respective rights of the various parties involved in order to assure the completion of the Department's work in general harmony and in a satisfactory manner, and his/her decision shall be final and binding upon the Contractor.

General Notes & Description of Work
Page 2 of 2

DESCRIPTION OF WORK

Except as specified herein, perform all work in accordance with the Department's Standard Specifications, Supplemental Specifications, applicable Special Notes and Special Provisions, and applicable Standard and Sepia Drawings, current editions. Furnish all materials, labor, equipment, and incidentals for the following work:

Roundabouts. The existing northbound and southbound interchanges of US 25W and I-75 Exit 15 will be reconstructed into roundabouts. Work will include surface paving and marking, guardrail replacement and the installation of signage. All intersection approaches have a mountable splitter island. The central island is also to be mountable. All islands are to be monolithic. All islands and the truck aprons are to be formed using dyed (Baja Red, 2-bag, RG-2827R Interstar) concrete. The tops of all islands and truck aprons are to be stamped with a stone pattern or comparable options to be provided by Contractor to Engineer for approval. The Detail Sheets included in this proposal include location and elevation information throughout the roundabout footprints. An 8" thick layer of JPC pavements is to top the final footprints bringing the intersection to final grade. Refer to the Item 11-9015.20 Detail Sheets for more information.

Striping & Pavement Markings. Install the proposed Striping and Pavement Markings, as detailed in the proposal.

Guardrail. Remove existing guardrail and end treatments and install new guardrail and end treatments as shown in the plans and summaries.

Signing. Install the proposed signing, as detailed in the proposal. The Contractor shall coordinate with the District Traffic Engineer to ensure that the District Traffic Engineer approves of the final sign locations.

Temporary Striping. A quantity of Pave Striping – Temp Paint – 4 IN has been included in the contract for potential use as directed by the Engineer. The Contractor and Engineer should work together to determine any locations throughout the project requiring temporary pavement striping. The Engineer will make the final determination as to the quantities and placement of temporary pavement striping.

Left Turn Lane. The existing roadway is proposed to be widened to allow for a left turn lane along US 25W into the Kentucky Consular Center. This work will include trenching the exist earth shoulders, constructing asphalt pavement, restriping, and removal and replacement of guardrail. Refer to the Item 11-9012.00 Detail Sheets for more information.

SPECIAL NOTE

For Tree Removal

Whitley County
Perform low cost safety improvements on us 25W and Construct Roundabouts along US 25W at the I-75 Exit 15 Ramp Terminals.
Item No. 11-9007/9012/9015.2

NO CLEARING OF TREES 5 INCHES OR GREATER (DIAMETER BREAST HEIGHT) FROM **JUNE 1 THROUGH JULY 31.**

If there are any questions regarding this note, please contact Danny Peake, Director, Division of Environmental Analysis, 200 Mero Street, Frankfort, KY 40601, Phone: (502) 564-7250.

SPECIAL NOTE FOR STAKING

Perform Contractor Staking according to Section 201; except, in addition to the requirements of Section 201, perform the following:

1. Contrary to Section 201.03.01, perform items 1 & 2 usually performed by the Engineer.
2. Verify the dimensions, type, and quantities of the culvert pipes, entrance pipes, and/or box culverts as listed and detailed in the proposal, and determine flow line elevations and slopes necessary to provide positive drainage. Revise as necessary to accommodate the existing site conditions; to provide proper alignment of the drainage structures with existing and/or proposed ditches, stream channels, swales, and the roadway lines and grades; and to ensure positive drainage upon completion of the work.
3. Produce and furnish to the Engineer "As Built" information for the drainage improvements. For the drainage improvements, as built information will consist of a final record of the actual types, sizes, and locations of the drainage structures (i.e. box inlets, headwalls, junction boxes, etc.), culvert pipes, and/or box culverts constructed. Final elevation data of the drainage improvements is not necessary.
4. Using stakes, paint marks on the pavement, mag nails, and/or any other means approved by the Engineer, the Contractor shall mark and/or stake the proposed sign locations in the field. NOTE: The proposed signs are listed in the proposal by approximate location and are NOT to be taken as the exact location for the signs. During staking operations the Contractor shall review the signing layout and existing field conditions and look for potential conflicts, including but not limited to utilities, driveways, visual obstructions, etc. When conflicts are found, adjust the staked location of signs to mitigate conflicts. Because the sign locations in the proposal are approximate and the location of some signs may need to be adjusted due to conflicts, during staking operations the Contractor shall refer to and utilize the information in the Manual on Uniform on Traffic Control Devices (MUTCD), current edition. The MUTCD cover items such as: appropriate sign location, advance placement distances, and spacing requirements for signing. The intent is for the proposed signs to be consistent with, and meet the requirements of, the MUTCD. Once the proposed sign locations have been staked, notify and coordinate with the District Traffic Engineer, and perform a review of the staked locations. Adjust the staked locations, as directed by the District Traffic Engineer and obtain approval of the final staked locations. This review will also be used to determine if there are any existing signs that require removal and/or relocation. Provide the District Traffic Engineer with 2 weeks of notice when a route will be ready for a review of the staked locations. NOTE: The District Traffic Engineer may determine that the proposed signing, including sign types and messages, needs to be adjusted and/or modified from what is shown in the proposal. Therefore, the Contractor shall not order any sign material for a route until the route has been staked and final sign location approval has been given by the District Traffic Engineer.
5. Using paint marks on the pavement, and/or any other means approved by the Engineer, the Contractor shall layout and pre-mark the proposed striping, pavement markings, etc.

Adjust as necessary to accommodate the existing site conditions and to provide proper alignment of the proposed thru and turning lanes. Obtain approval of the pre-marked layout from the Engineer and/or District Traffic Engineer prior to installing the striping and/or pavement markings.

6. Prior to incorporating into the work, obtain the Engineers approval of all revisions determined by the Contractor.
7. Perform any and all other staking operations required to control and construct the work.

SPECIAL NOTE FOR SIGNAGE

All sign sheeting shall be from the Cabinet's List of Approved Materials.

All permanent signs and sign components shall be fabricated using Type XI sheeting.

The following signs and sign components shall be fabricated using Type XI fluorescent yellow sheeting:

- Horizontal Alignment Signs and Plaques, including signs shown in Figure 2C-1 of the MUTCD
- All Advisory Speed (W13-1P) plaques

The following signs shall be fabricated using Type XI fluorescent yellow-green sheeting:

- School and school bus warning signs, including the fluorescent yellow-green signs shown in Figures 7B-1 and 7B-6 of the MUTCD and other school-related warning signs that are not included in the MUTCD.
- Bicycle Warning (W11-1) signs and SHARE THE ROAD (W16-1P) plaques or diagonal downward pointing arrow (W16-7P) plaques that supplement Bicycle Warning signs.
- Pedestrian Warning signs and diagonal downward pointing arrow plaques that supplement Pedestrian Warning signs.
- In-Street Pedestrian Crossing (R1-6) signs and Overhead pedestrian Crossing (R1-9) signs
- Supplemental plaques to any of the previously listed signs

SPECIAL NOTE FOR SIGNING

I. DESCRIPTION

Except as provided herein, this work shall be performed in accordance with the current edition of the Manual on Uniform Traffic Control Devices (MUTCD), the Department's current Standard Specifications and Interim Supplemental Specifications, applicable Standard and Sepia Drawings, and applicable Special Provisions. Article references are to the Standard Specifications. This project shall consist of furnishing all labor, equipment, materials, and incidentals for the following:

(1) Maintaining and Controlling Traffic; (2) Furnish, Fabricate, and Erect Signs; and
(3) All other work specified in the Contract.

II. MATERIALS

All materials shall be sampled and tested in accordance with the Department's Sampling Manual and the materials shall be available for sampling a sufficient time in advance of the use of the materials to allow for the necessary time for testing unless otherwise specified in these Notes.

A. Maintain and Control Traffic. See Traffic Control Plan.

B. Erosion Control. See Special Note for Erosion Control.

III. CONSTRUCTION METHODS

A. Maintain and Control Traffic. See Traffic Control Plan.

B. Site Preparation. Be responsible for all site preparation including, but not limited to: clearing and grubbing, staking, excavation, backfill, and removal of obstructions or any other material not covered by other items. Perform all site preparation only as approved, or directed, by the Engineer.

C. Staking. See Special Note for Staking.

D. Signs and Posts. Before beginning installation, the Contractor shall furnish to the Engineer drawings, descriptions, manufacturer’s cuts, etc. covering all material to be used. Mill test reports for beams, steel panels, and each different gauge of aluminum or steel sheeting used must be submitted to the Division of Construction and approved prior to erection.

Fabricate sheet signs from .080 or .125 gauge aluminum alloy 5052-H38 or 6061-T6, in accordance with ASTM B-209, and to the size and shape specified. Prepare the side of the sheet to be used as the sign face to receive the retroreflective background material

according to the recommendations of the sheeting and retroreflective material manufacturer(s). Sheeting used as background material for sign faces is to be the color specified and visually in accordance with the standard requirements of ASTM D-4956, and meet the requirements of Section 830 of the Standard Specifications. Contrary to Section 830.02.06, only the types and colors of sheeting as specified in the proposal will be accepted. All retroreflective material shall be fabricated and assembled in accordance with the specifications and/or recommendations of the manufacturer(s).

All hardware for the erection of sheeting signs shall be rust resistant: stainless steel, zinc coated, aluminum, or an Engineer approved material. All beams and posts shall be of sufficient lengths to extend from the top of the sign to the required embedment in the anchor. Splicing of the sign post shall NOT be allowed. For installations in soil, Type I steel posts shall be mounted on either a standard anchor, with soil stabilizer plate, or on a Type D breakaway sign support. Refer to Sheeting Sign Detail Sheet 1 of 2 for installation details for a standard anchor with soil stabilizer plate. When installing a standard anchor with soil stabilizer plate, if solid rock is encountered, the Contractor shall drill a hole to the required depth into the rock, install the anchor into the hole, and backfill the anchor post with concrete, or other method approved by the Engineer. The cost shall be incidental to Type I steel post, and a soil stabilizer plate will not be required. Refer to Standard Drawing RGX-065, current edition, for installation details of Type D breakaway sign supports. Approved manufacturers for Type D breakaway sign supports have been placed on the list of approved materials. For installations on existing concrete, such as a sidewalk, concrete median, etc., or installations on existing asphalt, such as flush medians, Type I steel posts shall be mounted on a Type D Surface Mount. For Type D Surface Mounts use only Kleen Break Model 425 by Xcessories Squared of Auburn, IL. If the Surface Mount is to be installed on sufficiently cured concrete, use part number XKBSM42520-G. If the Surface Mount is to be installed on asphalt surface, use part numbers XKB42520-G and AXT225 -36-G. Prior to installation, the Contractor shall submit to the Engineer shop drawings of the Type D Surface Mount(s). Install the Type D Surface Mount(s) according to all the applicable requirements of the manufacturer (see shop drawings). All steel post shall meet the requirements of Section 832. All hardware including, but not limited to, sign post anchors, soil stabilizer plates, nuts, bolts, washers, fasteners, fittings, and bracing, or any other incidentals necessary to erect the signs shall be furnished by the Contractor and will be incidental to the work.

New concrete bases, posts, support anchors, signs, etc. are to be installed prior to dismantling any existing sign(s). The removal of existing signs, posts, and support anchors is to be performed concurrently with the installation of new signs, posts, and support anchors, under the same lane closure during the same work shift. Completely remove existing sign support anchors or remove them to a minimum depth of six (6) inches below existing ground line and backfill the disturbed area to the existing ground line.

When listed in the summaries, Reflective Sign Post Panels shall be 2” wide x 60” tall (or 84” tall for urban installations) and shall have three 3/8” holes (one hole in the top 3”, one

hole near the center, and one hole in the bottom 3") that align with the holes on the Type I steel post. Sheeting for the Reflective Sign Post Panels shall be the same Type and color as the sign installed on the post. Examples include:

- Red, fluorescent yellow, and fluorescent yellow-green (Type XI Sheeting)
- White and yellow (Type XI Sheeting).

All manufactured sheeting signs shall be free of visual defects including, but not limited to: cracks, tears, ridges, humps, discoloration, etc., and defective signs shall be replaced at no additional cost to the Department.

All sign blanks shall be hole punched by the manufacturer for either horizontal or vertical installation. Attach all aluminum sheeting signs to square post with 3/8" all steel rivets and nylon washers.

Post will be attached to the anchor with 5/16" corner bolts and 5/16" flanged nuts, and all post and anchor cuts shall be treated with a Cold Galvanizing Compound spray.

Sign posts shall be erected vertically by using a bubble level. The tolerance shall be a two (2) degree angle in any direction. For locations where there are more than one sign is mounted beside each other, the posts shall be spaced to provide approximately six inches (6") of spacing between sings.

E. Property Damage. The Contractor shall be responsible for all damage to public and/or private property resulting from the Contractor's activities. Repair or replace damaged roadway features in like kind materials and design as directed by the Engineer at no additional cost to the Department. Repair or replace damaged private property in like kind materials and design to the satisfaction of the owner and the Engineer at no additional cost to the Department.

F. Coordination with Utility Companies. Locate all underground, above ground, and overhead utilities prior to beginning construction. Be responsible for contacting and maintaining liaison with all utility companies that have utilities located within the project limits. Do not disturb existing overhead or underground utilities. It is not anticipated that any utility facilities will need to be relocated and/or adjusted; however, in the event that it is discovered that the work does require that utilities be relocated and/or adjusted, the utility companies will work concurrently with the Contractor while relocating their facilities. Be responsible for repairing all utility damage that occurs due to the Contractor's operations at no additional cost to the Department. NOTIFY THE ENGINEER AND THE UTILITY OWNER(S) IMMEDIATELY WHEN IT IS DISCOVERED OR ANTICIPATED THAT ANY UTILITY CONFLICT COULD DELAY THE CONTRACTOR'S OPERATIONS. If the total delay exceeds ten working days, an extension of the specified completion date will be negotiated with the Contractor for delay to the Contractor's work; however, no extension will be granted for any delay caused by the Contractor's failure to notify the

Engineer and/or the utility company as specified above when a conflict is discovered or anticipated as specified.

G. Caution. The information in this proposal and the type of work listed herein are approximate only and are not to be taken as an exact evaluation of the materials and conditions to be encountered during construction; the bidder must draw his/her own conclusions when developing the Unit Bid Prices for each bid item. As such, if the conditions encountered are not in accordance with the information shown, the Department does not guarantee any changes to the Unit Bid Prices nor extension of the contract will be considered. The Department will pay for bid item quantity overruns, but only if pre-approved by the Engineer.

H. Control. Perform all work under the absolute control of the Department. Obtain the Engineer's approval of all designs required to be furnished by the Contractor prior to incorporation into the work. The Department reserves the right to have other work performed by other contractors and its own forces, and to permit public utility companies and others to do work during the construction within the limits of, or adjacent to, the project. Conduct operations and cooperate with such other parties so that interference with such other work will be reduced to a minimum. The Department will not honor any claims for money or time extension created by the operations of such other parties.

Should a difference of opinion arise as to the rights of the Contractor and others working within the limits of, or adjacent to, the project, the Engineer will decide as to the respective rights of the various parties involved in order to assure the completion of the Department's work in general harmony and in a satisfactory manner, and the Engineer's decision shall be final and binding upon the Contractor.

I. Clean Up, Disposal of Waste. Clean up the project area as work progresses. Dispose of all removed concrete, debris, and other waste as per Section 204.03.08. The Department will incur no cost to obtain the disposal sites. The Department will NOT make direct payment for disposal of waste and debris from the project. Existing anchors, signs, posts, and any other hardware or material removed from the site are to become the property of the Contractor. See Special Provision for Waste and Borrow Sites.

J. Final Dressing, Seeding and Protection. Grade all disturbed areas to blend with the adjacent roadways features and to provide a suitable seed bed. Apply Class A Final Dressing to all disturbed areas, both on and off the Right-of-Way. Sow all disturbed earthen areas with the applicable seed mixture(s) according to Section 212.03.03.

K. Erosion Control. See Special Note for Erosion Control.

IV. METHOD OF MEASUREMENT

A. Maintain and Control Traffic. See Traffic Control Plan.

B. Site Preparation. Other than the bid items listed, the Department will NOT measure Site Preparation for payment, but shall be incidental to the project bid items.

C. Signs. The Department will measure the finished in-place area of signs in Square Feet.

D. Sign Posts. The Department will measure the finished in-place length of sign posts in Linear Feet, from the top of the anchor, or top of the sign support, to the top of the sign post. Laps, cutoffs, excess, and waste will NOT be measured for payment.

E. Type D Breakaway Sign Supports. The Department will measure Type D sign supports as Each support installed.

F. Type D Surface Mounts. The Department will measure Type D Surface Mounts as Each surface mount installed.

G. Class A Concrete for Signs. The Department will measure the Class A Concrete used in conjunction with Type D breakaway sign support installations in Cubic Yards. Any concrete that is required as backfill due to hitting rock during a standard installation shall be incidental to the bid item STEEL POST TYPE I, and soil stabilizers will not be required.

H. Clean Up, Disposal of Waste, Final Dressing, Seeding and Protection. The Department will NOT measure for payment the following activities: Clean Up, Disposal of Waste, and Final Dressing. These activities shall be incidental. Seeding and Protection shall be measured according to Section 212.

I. Erosion Control. See Special Note for Erosion Control.

J. Remove Sign. The Department will consider all signs attached to one or more connected posts as a single sign. The Department will measure as Each sign assembly removed and NOT each individual sign removed.

K. Items Provided by KYTC. The Department will NOT measure for payment the installation of signs and/or surface mounts provided by KYTC. These activities shall be incidental to the bid item STEEL POST TYPE I.

V. BASIS OF PAYMENT

A. Maintain and Control Traffic. See Traffic Control Plan.

B. Signs. The Department will make payment for the completed and accepted quantities under the bid item SBM ALUM SHEET SIGNS .125 IN or .080 IN. The Department will consider payment full compensation for all work and incidentals necessary to install the signs, as required by these notes and the details found elsewhere in the proposal, at the locations indicated on the summary sheets, plans, and/or as directed by the Engineer.

C. Sign Posts. The Department will make payment for the completed and accepted quantities under the bid item STEEL POST TYPE I. The Department will consider payment full compensation for all work and incidentals necessary to install the sign posts as required by these notes and the details found elsewhere in the proposal.

D. Type D Breakaway Sign Supports. The Department will make payment for the completed and accepted quantities under the bid item GMSS TYPE D. The Department will consider payment full compensation for all work and incidentals necessary to install the Type D breakaway sign supports as required by Standard Drawing RGX-065, current edition.

E. Type D Surface Mounts. The Department will make payment for the completed and accepted quantities under the bid item GMSS TYPE D Surface Mount. The Department will consider payment full compensation for all work and incidentals necessary to install the Type D surface mounts according to all applicable manufacturer requirements.
NOTE: The permissible Type D Surface Mount alternative is: Kleen Break Model 425 for Surface Mount Concrete Installations by Xcessories Squared of Auburn, IL

F. Class A Concrete for Signs. The Department will make payment for the completed and accepted quantities, used in conjunction with Type D breakaway sign support installations, under the bid item CLASS A CONCRETE FOR SIGNS. The Department will consider payment full compensation for all work and incidentals necessary to install the concrete as required by Standard Drawing RGX-065, current edition.

G. Remove Sign. The Department will make payment for the completed and accepted quantities under the bid item REMOVE SIGN. The Department will consider payment full compensation for all work and incidentals necessary to remove the existing signs, posts, anchors, and any other sign material or hardware, from the locations indicated on the summary sheets, plans, and/or as directed by the Engineer.

H. Erosion Control. See Special Note for Erosion Control.

SPECIAL NOTES FOR COMPLETION DATES & LIQUIDATED DAMAGES

The ultimate fixed completion date for this project will be October 31, 2022. Liquidated Damages for failure to complete the project on time will be assessed following Section 108.09.

In addition to the requirements of Section 108.09, the Department will assess Liquidated Damages in the amount of **$1,000** per hour for each hour, or fraction of an hour, for any and all lane or road/ramp closures that are in place beyond the time frame(s) noted in the Traffic Control Plan and approved by the Engineer.

Trees and/or bushes that are 5 inches or greater (diameter at breast height) shall not be cut or trimmed between June 1ST and July 31ST. Any trees and/or bushes that are cut or trimmed between June 1ST and July 31ST will NOT receive payment at the contract unit price. Furthermore, failure to adhere to these restrictions shall result in Liquidated Damages in the amount of **$344** per affected tree. Activities that are a part of this contract that do not involve the initial trimming and/or cutting of trees and/or bushes will be permitted under the ultimate fixed completion date.

Contrary to Section 108.09, Liquidated Damages will be assessed for the months of December through March.

Contrary to Section 108.09, Liquidated Damages will be assessed regardless of whether seasonal limitations prohibit the Contractor from performing work on the controlling operation.

All liquidated damages will be applied accumulatively.

All other applicable portions of Section 108 apply.

SPECIAL PROVISION FOR WASTE AND BORROW SITES

Obtain U.S. Army Corps of Engineer's approval before utilizing a waste or borrow site that involves "Waters of the United States". The Corps of Engineers defines "Waters of the United States" as perennial or intermittent streams, ponds or wetlands. The Corps of Engineers also considers ephemeral streams, typically dry except during rainfall but having a defined drainage channel, to be jurisdictional waters. Direct questions concerning any potential impacts to "Waters of the United States" to the attention of the appropriate District Office for the Corps of Engineers for a determination prior to disturbance. Be responsible for any fees associated with obtaining approval for waste and borrow sites from the U.S. Army Corps of Engineer or other appropriate regulatory agencies.

1-296 Waste & Borrow Sites
01/02/2012

COORDINATION OF WORK WITH OTHER CONTRACTS

Be advised, there may be an active project(s) adjacent to or within this project. The Engineer will coordinate the work of the Contractors. See Section 105.06.

1-3193 Coordination Contracts
01/02/2012

SPECIAL NOTES FOR GUARDRAIL

I. DESCRIPTION

Except as specified herein, perform all work in accordance with the Department's Standard and Supplemental Specifications, Special Notes and Special Provisions, and the Standard and Sepia Drawings, current editions. Article references are to the Standard Specifications.

Furnish all equipment, labor, materials, and incidentals for the following work items:

(1) Site preparation; (2) Remove existing guardrail systems; (3) Construct Guardrail, End Treatments, Bridge End Connectors, and Terminal Sections, as applicable; (4) Delineators for guardrail; (5) Maintain and Control Traffic; and (6) all other work specified as part of this contract.

II. MATERIALS

Except as specified herein, provide for all materials to be sampled and tested in accordance with the Department's Sampling Manual and make the materials available for sampling a sufficient time in advance of the use of the materials to allow for the necessary time for testing.

A. Maintain and Control Traffic. See Traffic Control Plan.

B. Guardrail. Furnish guardrail system components according to Section 814 and the Standard and Sepia Drawings; except use steel posts only, no alternates.

C. Delineators for Guardrail. Furnish white and/or yellow Delineators for Guardrail according to Standard Drawing RBR-055 – Delineators for Guardrail, current edition.

D. Erosion Control. See the Special Note for Erosion Control.

III. CONSTRUCTION METHODS

A. Maintain and Control Traffic. See Traffic Control Plan.

B. Site Preparation. Remove existing guardrail system, including the guardrail end treatments, Bridge End connectors and all other elements of the existing guardrail system as per Section 719, except that the Contractor will take possession of all concrete posts and all concrete associated with the existing bridge and/or guardrail end treatments. Locate all disposal areas off the Right of Way. Be responsible for all site preparation, including but not limited to, clearing and grubbing, excavation, embankment, and removal of all obstructions or any other items; regrading, reshaping, adding and compacting of suitable materials on the existing shoulders to provide proper template or foundation for the guardrail;

filling voids left as the result of removing existing guardrail and guard posts with dry sand; temporary pollution and erosion control; disposal of excess, waste materials, and debris; and final dressing, cleanup, and seeding and protection. Perform all site preparation as approved or directed by the engineer.

C. Guardrail. Except as specified herein, construct guardrail system according to Section 719 and the Standard and Sepia Drawings, current editions. Locations listed on the summary and/or shown on the drawings are approximate only. The Engineer will determine the exact termini for individual guardrail installations at the time of construction. Unless directed otherwise by the Engineer, provide a minimum two (2) foot shoulder width. Construct radii at entrances and road intersections as directed by the Engineer.

Erect guardrail to the lines and grades shown on the current Standard and Sepia Drawings, or as directed by the Engineer by any method approved by the Engineer which allows construction of the guardrail to the true grade without apparent sags.

When removing existing guardrail and installing new guardrail, do not leave the blunt end exposed where it would be hazardous to the public. When it is not practical to complete the construction of the guardrail and the permanent end treatments and terminal sections first, provide a temporary end by connecting at least 25 feet of rail to the last post, and by slightly flaring, and burying the end of the rail completely into the existing shoulder. If left overnight, place a drum with bridge panel in advance of the guardrail end and maintain during use.

D. Delineators for Guardrail. Construct Delineators for Guardrail according to Standard Drawing RBR-055 – Delineators for Guardrail, current edition.

E. Property Damage. Be responsible for all damage to public and/or private property resulting from the work. Restore damaged roadway features and private property at no additional cost to the Department.

F. Coordination with Utility Companies. Locate all underground, above ground, and overhead utilities prior to beginning construction. Be responsible for contacting and maintaining liaison with all utility companies that have utilities located within the project limits. Do not disturb existing overhead or underground utilities. It is not anticipated that any utility facilities will need to be relocated and/or adjusted; however, in the event that it is discovered that the work does require utilities to be relocated and/or adjusted, the utility companies will work concurrently with the Contractor while relocating their facilities. Be responsible for repairing all utility damage that occurs as a result of guardrail operations at no additional cost to the Department.

G. Right of Way Limits. The Department has not established the exact limits of the Right-of-Way. Limit work activities to obvious Right-of-Way, permanent or temporary easements, and work areas secured by the Department through consent and release of the adjacent property owners. Be responsible for all encroachments onto private lands.

H. Clean Up, Disposal of Waste. Dispose of all removed concrete, debris, and other waste and debris off the Right-of-Way at sites obtained by the Contractor at no additional cost to the Department. See the Special Provision for Waste and Borrow Sites.

I. Final Dressing, Seeding and Protection. Apply Class A Final Dressing to all disturbed areas, both on and off the Right-of-Way. Sow all disturbed earthen areas with the applicable seed mixture(s) according to Section 212.03.03.

J. Erosion Control. See the Special Note for Erosion Control.

IV. METHOD OF MEASUREMENT

A. Maintain and Control Traffic. See Traffic Control Plan.

B. Site preparation. Other than the bid items listed, the Department will not measure Site Preparation for separate payment but shall be incidental to the Guardrail, End Treatments, Bridge End Connectors, and Terminal Sections, as applicable.

C. Guardrail, End Treatments, Bridge End Connectors, Terminal Sections, and Remove Guardrail. The Department will measure according to Section 719.04.

D. Delineators for Guardrail. See Standard Drawing RBR-055 – Delineators for Guardrail.

E. Clean Up, Disposal of Waste, Final Dressing, and Seeding and Protection. The Department will NOT measure for payment the operations of: Clean Up, Disposal of Waste, and Final Dressing. These activities shall be incidental. Seeding and Protection will be measured according to Section 212.

F. Erosion Control. See the Special Note for Erosion Control.

V. BASIS OF PAYMENT

A. Maintain and Control Traffic. See Traffic Control Plan.

B. Guardrail, End Treatments, Bridge End Connectors, Terminal Sections, and Remove Guardrail. The Department will make payment according to Section 719.05.

C. Delineators for Guardrail. See Standard Drawing RBR-055 – Delineators for Guardrail.

D. Erosion Control. See the Special Note for Erosion Control.

SPECIAL NOTE FOR TYPICAL SECTION DIMENSIONS

Consider the dimensions shown on the typical sections for pavement and shoulder widths and thickness' to be nominal or typical dimensions. The Engineer may direct or approve varying the actual dimensions to be constructed to fit existing conditions. Do not widen existing pavement or shoulders unless specified elsewhere in this proposal or directed by the engineer.

1-3725 Typical Section Dimensions
01/02/2012

TRAFFIC CONTROL PLAN

TRAFFIC CONTROL GENERAL

Except as provided herein, traffic shall be maintained in accordance with the current editions of the Manual on Uniform Traffic Control Devices (MUTCD), Standard Specifications, and the Standard and Sepia Drawings. Except for the roadway and traffic control bid items listed, all items of work necessary to maintain and control traffic will be paid at the lump sum bid price to "Maintain and Control Traffic".

Contrary to Section 106.01, traffic control devices used on this project may be new, or used in like new condition, at the beginning of the work and maintained in like new condition until completion of the work. Any temporary traffic control items, devices, materials, and incidentals shall remain the property of the contractor unless otherwise addressed, when no longer needed.

PROJECT PHASING & CONSTRUCTION PROCEDURES

Maintain alternating one-way traffic during construction. Provide a minimum clear lane width of 10 feet; however, provide for passage of vehicles of up to 16 feet in width. If traffic should be stopped due to construction operations, and a school bus or emergency vehicle on an official run arrives on the scene, make provisions for the passage of the school bus or emergency vehicle as quickly as possible.

For the Construction Phasing and ramp closures for the proposed roundabouts, refer to the Maintenance of Traffic Plan sheets within the Detail Sheets of the Proposal.

Unless otherwise approved by the Engineer, no lane and no road/ramp closures will be allowed on the following dates:

Easter Weekend,	Friday, April 15, 2022 – Sunday, April 17, 2022
Memorial Day Weekend	Friday, May 27, 2022 – Monday, May 30, 2022
Independence Day Weekend	Saturday, July 2, 2022 – Monday, July 4, 2022
Labor Day Weekend	Friday, September 2, 2022 – Monday, September 5, 2022

At the discretion of the Engineer, additional days and hours may be specified when lane closures will not be allowed.

The Department will provide public notification regarding approved lane and road/ramp closures. The Contractor shall submit proposed lane and road/ramp closure days and times to the Engineer at least 14 calendar days in advance for approval. Liquidated Damages will be assessed for each hour or fraction of an hour that a lane or road/ramp closure is in place outside of an approved time period. See the Special Notes for Completion Dates & Liquidated Damages for details on the Liquidated Damages amount.

TEMPORARY SIGNAL MULTI PHASE

A Temporary Signal Multi Phase has been included in the project for possible use during the construction of the proposed roundabouts. This device may be useful for other areas. The Contractor and the Engineer should work together to determine the best use of this device. If used, the Department will measure the Temporary Signal Multi Phase only once for payment, regardless of how many times it is set, reset, removed, and relocated during the duration of the project. The Department will not measure for payment any replacements of the Temporary Signal Multi Phase if it becomes damaged or non-functioning, nor if the Engineer directs that it be replaced due to poor condition or visibility. The Contractor shall retain possession of the Temporary Signal Multi Phase upon completion of construction.

LANE CLOSURES

Do not leave lane closures in place during prohibited periods. Except for the construction of the proposed roundabouts, do not leave lane closures in place during non-working hours, unless otherwise approved by the Engineer. Contrary to Section 112.04.17, long-term lane closures will not be measured for payment, but shall be incidental to Maintain and Control Traffic.

TEMPORARY SIGNS

Temporary sign posts and splices shall be compliant with NCHRP 350 or MASH. Manufacturer's documentation validating this compliance shall be provided to the Engineer prior to installation. Temporary signs, including any splices, shall be installed according to manufacturer's specifications and installation recommendations. Contrary to section 112.04.02, only long-term temporary signs (temporary signs intended to be continuously in place for more than 3 days) will be measured for payment. Short-term temporary signs (temporary signs intended to be left in place for 3 days or less) will not be measured for payment but will be incidental to Maintain and Control Traffic.

CHANGEABLE MESSAGE SIGNS

Provide changeable message signs at locations determined by the Engineer. The Engineer may vary the designated locations as the work progresses. The Engineer will determine the messages to be displayed. In the event of damage or mechanical/electrical failure, repair or replace the Changeable Message Sign within 8 hours. The Department will measure for payment the maximum number of Changeable Message Signs in concurrent use at the same time on a single day on all sections of the contract. The Department will measure individual Changeable Message Signs only once for payment, regardless of how many times they are set, reset, removed, and relocated during the duration of the project. The Department will not measure for payment any replacements for damaged Changeable Message Signs or any changeable message signs the Engineer directs to be replaced due to poor condition or readability. Retain possession of the Changeable Message Signs upon completion of the work.

BARRICADES

The Department will measure barricades used for road closures and to protect pavement removal areas in individual units Each. The Department will measure for payment the maximum number of barricades

in concurrent use at the same time on a single day on all sections of the contract. The Department will measure individual barricades only once for payment, regardless of how many times they are set, reset, removed, and relocated during the duration of the project. The Department will not measure for payment any replacements for damaged barricades, or any barricades the Engineer directs to be replaced due to poor condition or reflectivity. Retain possession of the Barricades upon completion of construction.

TEMPORARY ENTRANCES

The Engineer will not require the Contractor to provide continuous access to farms, single family, duplex, or triplex residential properties during working hours; however, provide reasonable egress and ingress to each such property when actual operations are not in progress at that location. Limit the time during which a farm or residential entrance is blocked to the minimum length of time required for actual operations, not extended for the Contractor's convenience, and in no case exceeding six (6) hours. Notify all residents twenty-four hours in advance of any driveway or entrance closings and make any accommodations necessary to meet the access needs of disabled residents.

Except as allowed by the Phasing as specified above, maintain direct access to all side streets and roads, schools, churches, commercial properties, and apartments or apartment complexes of four or more units at all times. Access to fire hydrants must also be maintained at all times

The Department will measure asphalt materials required to construct and maintain any temporary entrances which may be necessary to provide temporary access; however, the Department will not measure aggregates, excavation, and/or embankment, but shall be incidental to Maintain and Control Traffic. The Engineer will determine the type of surfacing material, asphalt or aggregate, to be used at each entrance.

PAVEMENT MARKINGS

If there is to be a deviation from the existing striping plan, the Engineer will furnish the Contractor a striping plan prior to placement of the final surface course. Install Temporary Striping according to Section 112 with the following exception:

> If the Contractor’s operations or phasing requires temporary markings that must subsequently be removed from the final surface course, use an approved removable lane tape; however, the Department will not measure removable lane tape for separate payment, but will measure and pay for removable lane tape as temporary striping.

PAVEMENT EDGE DROP-OFFS

Do not allow a pavement edge between opposing directions of traffic or lanes that traffic is expected to cross in a lane change situation with an elevation difference greater than 1½”. Place Warning signs

(MUTCD W8-11 or W8-9A) in advance of and at 1500' intervals throughout the drop-off area. Dual post the signs on both sides of the traveled way. Wedge all transverse transitions between resurfaced and un-resurfaced areas which traffic may cross with asphalt mixture for leveling and wedging. Remove the wedges prior to placement of the final surface course.

Protect pavement edges that traffic is not expected to cross, except accidentally, as follows:

Less than 2" - No protection required.

2" to 4" - Place plastic drums, vertical panels, or barricades every 50 feet. During daylight working hours only, the Engineer will allow the Contractor to use cones in lieu of plastic drums, panels, and barricades. Wedge the drop-off with DGA or asphalt mixture for leveling and wedging with a 1:1 or flatter slope in daylight hours, or 3:1 or flatter slope during nighttime hours, when work is not active in the drop-off area.

Greater than 4" - Protect drop-offs greater than 4 inches within 10 feet of traffic by placing drums, vertical panels, or barricades every 25 feet. The Engineer will not allow the use of cones in lieu of drums, vertical panels, or barricades for drop-offs greater than 4". Place Type III Barricades directly in front of the drop-off facing oncoming traffic in both directions of travel. Provide warning signs as shown on the Standard Drawings or as directed by the Engineer

Pedestrians & Bicycles - Protect pedestrian and bicycle traffic as directed by the Engineer.

USE AND PLACEMENT OF CHANGEABLE MESSAGE SIGNS

The following policy is based upon current Changeable Message Signs (CMS) standards and practice from many sources, including the Federal Highway Administration (FHWA), other State Departments of Transportation, and Traffic Safety Associations. It is understood that each CMS installation or use requires individual consideration due to the specific location or purpose. However, there will be elements that are constant in nearly all applications. Accordingly these recommended guidelines bring a level of uniformity, while still being open to regional experience and engineering judgment.

Application

The primary purpose of CMS is to advise the driver of unexpected traffic and routing situations. Examples of applications where CMS can be effective include:

- Closures (road, lane, bridge, ramp, shoulder, interstate)
- Changes in alignment or surface conditions
- Significant delays, congestion
- Construction/maintenance activities (delays, future activities)
- Detours/alternative routes
- Special events with traffic and safety implications
- Crash/incidents
- Vehicle restrictions (width, height, weight, flammable)
- Advance notice of new traffic control devices
- Real-time traffic conditions (must be kept up to date)
- Weather /driving conditions, environmental conditions, Roadway Weather Information Systems
- Emergency Situations
- Referral to Highway Advisory Radio (if available)
- Messages as approved by the County Engineer's Office

CMS should not be used for:

- Replacement of static signs (e.g. ROAD WORK AHEAD), regulatory signage (e.g. speed limits), pavement markings, standard traffic control devices, conventional warning or guide signs.
- Replacement of lighted arrow board
- Advertising (Don't advertise the event unless clarifying "action" to be taken by driver – e.g. Speedway traffic next exit)
- Generic messages
- Test messages (portable signs only)
- Describe recurrent congestion (e.g. rush hour)
- Public service announcements (not traffic related)

Messages

Basic principles that are important to providing proper messages and insuring the proper operation of a CMS are:

- Visible for at least ½ mile under ideal daytime and nighttime conditions
- Legible from all lanes a minimum of 650 feet
- Entire message readable twice while traveling at the posted speed
- No more than two message panels should be used (three panels may be used on roadways where vehicles are traveling less than 45 mph). A panel is the message that fits on the face of the sign without flipping or scrolling.
- Each panel should convey a single thought; short and concise
- Do not use two unrelated panels on a sign
- Do not use the sign for two unrelated messages
- Should not scroll text horizontally or vertically
- Should not contain both the words left and right
- Use standardized abbreviations and messages
- Should be accurate and timely
- Avoid filler/unnecessary words and periods (hazardous, a, an, the)
- Avoid use of speed limits
- Use words (not numbers) for dates

Placement

Placement of the CMS is important to insure that the sign is visible to the driver and provides ample time to take any necessary action. Some of the following principles may only be applicable to controlled access roadways. The basic principles of placement for a CMS are:

- When 2 signs are needed, place on same side of roadway and at least 1,000 feet apart
- Place behind semi-rigid/rigid protection (guardrail, barrier) or outside of the clear zone
- Place 1,000 feet in advance of work zone; at least one mile ahead of decision point
- Normally place on right side of roadway; but should be placed closest to the affected lane so that either side is acceptable
- Signs should not be dual mounted (one on each side of roadway facing same direction)
- Point trailer hitch downstream
- Secure to immovable object to prevent theft (if necessary)
- Do not place in sags or just beyond crest
- Check for reflection of sun to prevent the blinding of motorist
- Should be turned ~3 degrees outward from perpendicular to the edge of pavement
- Bottom of sign should be 7 feet above the elevation of edge of roadway
- Should be removed when not in use

Traffic Control Plan
Page 7 of 9

Standard Abbreviations

The following is a list of standard abbreviations to be used on CMS:

Word	Abbrev	Example
Access	ACCS	ACCIDENT AHEAD/ USE ACCS RD NEXT RIGHT
Alternate	ALT	ACCIDENT AHEAD/ USE ALT RTE NEXT RIGHT
Avenue	AVE	FIFTH AVE CLOSED/ DETOUR NEXT LEFT
Blocked	BLKD	FIFTH AVE BLKD/ MERGE LEFT
Boulevard	BLVD	MAIN BLVD CLOSED/ USE ALT RTE
Bridge	BRDG	SMITH BRDG CLOSED/ USE ALT RTE
Cardinal Directions	N, S, E, W	N I75 CLOSED/ DETOUR EXIT 30
Center	CNTR	CNTR LANE CLOSED/ MERGE LEFT
Commercial	COMM	OVRSZ COMM VEH/ USE I275
Condition	COND	ICY COND POSSIBLE
Congested	CONG	HVY CONG NEXT 3 MI
Construction	CONST	CONST WORK AHEAD/ EXPECT DELAYS
Downtown	DWNTN	DWNTN TRAF USE EX 40
Eastbound	E-BND	E-BND I64 CLOSED/ DETOUR EXIT 20
Emergency	EMER	EMER VEH AHEAD/ PREPARE TO STOP
Entrance, Enter	EX, EXT	DWNTN TRAF USE EX 40
Expressway	EXPWY	WTRSN EXPWY CLOSED/ DETOUR EXIT 10
Freeway	FRWY, FWY	GN SYNDR FWY CLOSED/ DETOUR EXIT 15
Hazardous Materials	HAZMAT	HAZMAT IN ROADWAY/ ALL TRAF EXIT 25
Highway	HWY	ACCIDENT ON AA HWY/ EXPECT DELAYS
Hour	HR	ACCIDENT ON AA HWY/ 2 HR DELAY
Information	INFO	TRAF INFO TUNE TO 1240 AM
Interstate	I	E-BND I64 CLOSED/ DETOUR EXIT 20
Lane	LN	LN CLOSED MERGE LEFT
Left	LFT	LANE CLOSED MERGE LFT
Local	LOC	LOC TRAF USE ALT RTE
Maintenance	MAINT	MAINT WRK ON BRDG/ SLOW
Major	MAJ	MAJ DELAYS I75/ USE ALT RTE
Mile	MI	ACCIDENT 3 MI AHEAD/ USE ALT RTE
Minor	MNR	ACCIDENT 3 MI MNR DELAY
Minutes	MIN	ACCIDENT 3 MI/ 30 MIN DELAY
Northbound	N-BND	N-BND I75 CLOSED/ DETOUR EXIT 50
Oversized	OVRSZ	OVRSZ COMM VEH/ USE I275 NEXT RIGHT
Parking	PKING	EVENT PKING NEXT RGT
Parkway	PKWY	CUM PKWAY TRAF/ DETOUR EXIT 60
Prepare	PREP	ACCIDENT 3 MI/ PREP TO STOP
Right	RGT	EVENT PKING NEXT RGT
Road	RD	HAZMAT IN RD/ ALL TRAF EXIT 25
Roadwork	RDWK	RDWK NEXT 4 MI/ POSSIBLE DELAYS
Route	RTE	MAJ DELAYS I75/ USE ALT RTE
Shoulder	SHLDR	SHLDR CLOSED NEXT 5 MI
Slippery	SLIP	SLIP COND POSSIBLE/ SLOW SPD
Southbound	S-BND	S-BND I75 CLOSED/ DETOUR EXIT 50
Speed	SPD	SLIP COND POSSIBLE/ SLOW SPD

Traffic Control Plan
Page 8 of 9

Standard Abbreviations (cont)

Word	Abbrev	Example
Street	ST	MAIN ST CLOSED/ USE ALT RTE
Traffic	TRAF	CUM PKWAY TRAF/ DETOUR EXIT 60
Vehicle	VEH	OVRSZ COMM VEH/ USE I275 NEXT RIGHT
Westbound	W-BND	W-BND I64 CLOSED/ DETOUR EXIT 50
Work	WRK	CONST WRK 2MI/ POSSIBLE DELAYS

Certain abbreviations are prone to inviting confusion because another word is abbreviated or could be abbreviated in the same way. DO NO USE THESE ABBREVIATIONS:

Abbrev	Intended Word	Word Erroneously Given
ACC	Accident	Access (Road)
CLRS	Clears	Colors
DLY	Delay	Daily
FDR	Feeder	Federal
L	Left	Lane (merge)
LOC	Local	Location
LT	Light (traffic)	Left
PARK	Parking	Park
POLL	Pollution (index)	Poll
RED	Reduce	Red
STAD	Stadium	Standard
TEMP	Temporary	Temperature
WRNG	Warning	Wrong

Typical Messages

The following is a list of typical messages used on CMS. The list consists of the reason or problem that you want the driver to be aware of and the action that you want the driver to take.

Reason/Problem	Action
ACCIDENT	ALL TRAFFIC EXIT RT
ACCIDENT/XX MILES	AVOID DELAY USE XX
XX ROAD CLOSED	CONSIDER ALT ROUTE
XX EXIT CLOSED	DETOUR
BRIDGE CLOSED	DETOUR XX MILES
BRIDGE/(SLIPPERY, ICE, ETC.)	DO NOT PASS
CENTER/LANE/CLOSED	EXPECT DELAYS
DELAY(S), MAJOR/DELAYS	FOLLOW ALT ROUTE
DEBRIS AHEAD	KEEP LEFT
DENSE FOG	KEEP RIGHT
DISABLED/VEHICLE	MERGE XX MILES
EMER/VEHICLES/ONLY	MERGE LEFT
EVENT PARKING	MERGE RIGHT
EXIT XX CLOSED	ONE-WAY TRAFFIC
FLAGGER XX MILES	PASS TO LEFT

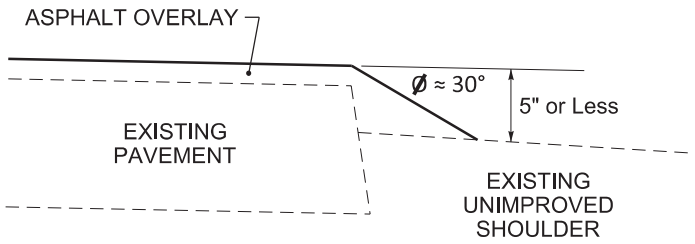
Traffic Control Plan
Page 9 of 9

Typical Messages (cont)

Reason/Problem	Action
FOG XX MILES	PASS TO RIGHT
FREEWAY CLOSED	PREPARE TO STOP
FRESH OIL	REDUCE SPEED
HAZMAT SPILL	SLOW
ICE	SLOW DOWN
INCIDENT AHEAD	STAY IN LANE
LANES (NARROW, SHIFT, MERGE, ETC.)	STOP AHEAD
LEFT LANE CLOSED	STOP XX MILES
LEFT LANE NARROWS	TUNE RADIO 1610 AM
LEFT 2 LANES CLOSED	USE NN ROAD
LEFT SHOULDER CLOSED	USE CENTER LANE
LOOSE GRAVEL	USE DETOUR ROUTE
MEDIAN WORK XX MILES	USE LEFT TURN LANE
MOVING WORK ZONE, WORKERS IN ROADWAY	USE NEXT EXIT
NEXT EXIT CLOSED	USE RIGHT LANE
NO OVERSIZED LOADS	WATCH FOR FLAGGER
NO PASSING	
NO SHOULDER	
ONE LANE BRIDGE	
PEOPLE CROSSING	
RAMP CLOSED	
RAMP (SLIPPERY, ICE, ETC.)	
RIGHT LANE CLOSED	
RIGHT LANE NARROWS	
RIGHT SHOULDER CLOSED	
ROAD CLOSED	
ROAD CLOSED XX MILES	
ROAD (SLIPPERY, ICE, ETC.)	
ROAD WORK	
ROAD WORK (OR CONSTRUCTION) (TONIGHT, TODAY, TOMORROW, DATE)	
ROAD WORK XX MILES	
SHOULDER (SLIPPERY, ICE, SOFT, BLOCKED, ETC.)	
NEW SIGNAL XX MILES	
SLOW 1 (OR 2) - WAY TRAFFIC	
SOFT SHOULDER	
STALLED VEHICLES AHEAD	
TRAFFIC BACKUP	
TRAFFIC SLOWS	
TRUCK CROSSING	
TRUCKS ENTERING	
TOW TRUCK AHEAD	
UNEVEN LANES	
WATER ON ROAD	
WET PAINT	
WORK ZONE XX MILES	
WORKERS AHEAD	

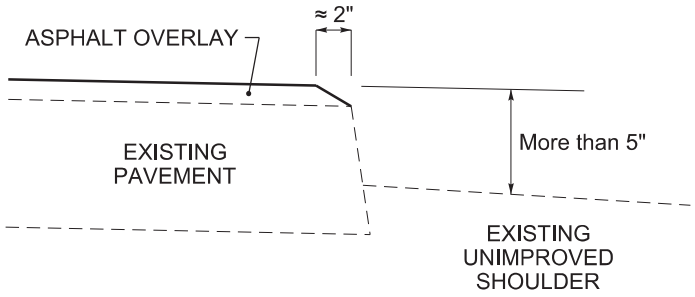
DURABLE PAVEMENT EDGE DETAIL

(Resurfacing adjacent to low shoulder with dropoff of 5 inches or less)



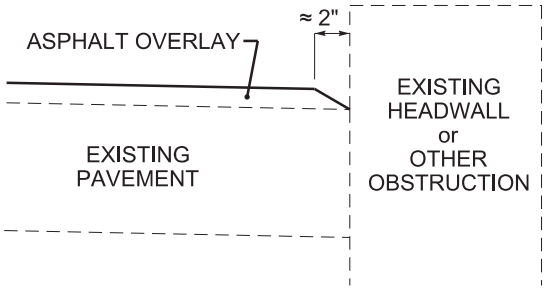
DURABLE PAVEMENT EDGE DETAIL

(Resurfacing adjacent to low shoulder with dropoff of more than 5 inches)



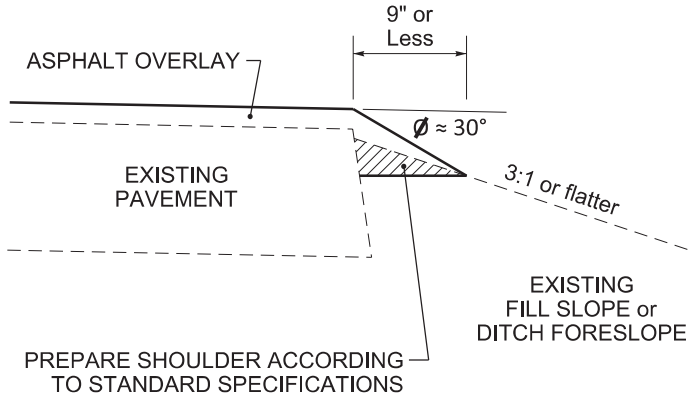
DURABLE PAVEMENT EDGE DETAIL

(Resurfacing adjacent to an obstruction, such as an existing headwall)



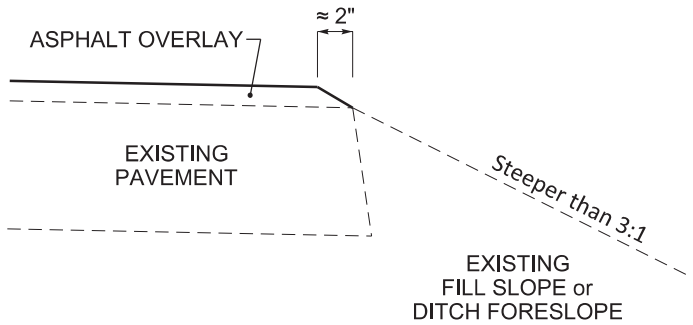
DURABLE PAVEMENT EDGE DETAIL

(Resurfacing adjacent to fill slope or ditch foreslope that is 3:1 or less)



DURABLE PAVEMENT EDGE DETAIL

(Resurfacing adjacent to fill slope or ditch foreslope that is steeper than 3:1)



NOTES

1. DETAILS DO NOT APPLY TO OVERLAYS LESS THAN 1 INCH THICK.
2. THE DURABLE PAVEMENT EDGE DEVICE MAY BE DISENGAGED AT DRIVEWAYS, SIDE STREETS, HIGH SHOULDERS, AND OTHER LOCATIONS NOT FEASIBLE TO CONSTRUCT, AS APROVED BY THE ENGINEER.

DRAWING NOT TO SCALE

DURABLE PAVEMENT EDGE DETAILS

KENTUCKY TRANSPORTATION CABINET
Department of Highways
DIVISION OF RIGHT OF WAY & UTILITIES

TC 62-226
Rev. 01/2016
Page 1 of 1

RIGHT OF WAY CERTIFICATION

☒ Original	☐ Re-Certification	RIGHT OF WAY CERTIFICATION	
ITEM #	**COUNTY**	**PROJECT # (STATE)**	**PROJECT # (FEDERAL)**
11-9012.00	Whitley	FD52 118 025W 013-017	HSIP 5152(005)
PROJECT DESCRIPTION			
Perform Low Cost Safety Improvements on US 25W from MP 13.40 to 16.40			

☒ **No Additional Right of Way Required**

Construction will be within the limits of the existing right of way. The right of way was acquired in accordance to FHWA regulations under the Uniform Relocation Assistance and Real Property Acquisitions Policy Act of 1970, as amended. No additional right of way or relocation assistance were required for this project.

☐ **Condition # 1 (Additional Right of Way Required and Cleared)**

All necessary right of way, including control of access rights when applicable, have been acquired including legal and physical possession. Trial or appeal of cases may be pending in court but legal possession has been obtained. There may be some improvements remaining on the right-of-way, but all occupants have vacated the lands and improvements, and KYTC has physical possession and the rights to remove, salvage, or demolish all improvements and enter on all land. Just Compensation has been paid or deposited with the court. All relocations have been relocated to decent, safe, and sanitary housing or that KYTC has made available to displaced persons adequate replacement housing in accordance with the provisions of the current FHWA directive.

☐ **Condition # 2 (Additional Right of Way Required with Exception)**

The right of way has not been fully acquired, the right to occupy and to use all rights-of-way required for the proper execution of the project has been acquired. Some parcels may be pending in court and on other parcels full legal possession has not been obtained, but right of entry has been obtained, the occupants of all lands and improvements have vacated, and KYTC has physical possession and right to remove, salvage, or demolish all improvements. Just Compensation has been paid or deposited with the court for most parcels. Just Compensation for all pending parcels will be paid or deposited with the court prior to AWARD of construction contract

☐ **Condition # 3 (Additional Right of Way Required with Exception)**

The acquisition or right of occupancy and use of a few remaining parcels are not complete and/or some parcels still have occupants. All remaining occupants have had replacement housing made available to them in accordance with 49 CFR 24.204. KYTC is hereby requesting authorization to advertise this project for bids and to proceed with bid letting even though the necessary right of way will not be fully acquired, and/or some occupants will not be relocated, and/or the just compensation will not be paid or deposited with the court for some parcels until after bid letting. KYTC will fully meet all the requirements outlined in 23 CFR 635.309(c)(3) and 49 CFR 24.102(j) and will expedite completion of all acquisitions, relocations, and full payments after bid letting and prior to AWARD of the construction contract or force account construction.

Total Number of Parcels on Project	0	EXCEPTION (S) Parcel #	ANTICIPATED DATE OF POSSESSION WITH EXPLANATION
Number of Parcels That Have Been Acquired			
Signed Deed			
Condemnation			
Signed ROE			

Notes/ Comments (Use Additional Sheet if necessary)

LPA RW Project Manager		Right of Way Supervisor	
Printed Name		Printed Name	Greg Combs
Signature		Signature	Greg Combs 2022.01.17 16:22:43 -05'00'
Date		Date	

Right of Way Director		FHWA	
Printed Name		Printed Name	
Signature	2022.01.18 09:03:07 -05'00'	Signature	No Signature Required as per FHWA-KYTC Current Stewardship Agreement
Date		Date	

KENTUCKY TRANSPORTATION CABINET
Department of Highways
DIVISION OF RIGHT OF WAY & UTILITIES

TC 62-226
Rev. 01/2016
Page 1 of 1

RIGHT OF WAY CERTIFICATION

☒ Original	☐ Re-Certification	RIGHT OF WAY CERTIFICATION	
ITEM #	**COUNTY**	**PROJECT # (STATE)**	**PROJECT # (FEDERAL)**
11-9015.20	Whitley	FD52 118 025W 016-017	HSIP 5152(006)
PROJECT DESCRIPTION			
Construct Roundabouts along US 25W at the I-75 Exit 15 Ramp Terminals.			

☒ **No Additional Right of Way Required**

Construction will be within the limits of the existing right of way. The right of way was acquired in accordance to FHWA regulations under the Uniform Relocation Assistance and Real Property Acquisitions Policy Act of 1970, as amended. No additional right of way or relocation assistance were required for this project.

☐ **Condition # 1 (Additional Right of Way Required and Cleared)**

All necessary right of way, including control of access rights when applicable, have been acquired including legal and physical possession. Trial or appeal of cases may be pending in court but legal possession has been obtained. There may be some improvements remaining on the right-of-way, but all occupants have vacated the lands and improvements, and KYTC has physical possession and the rights to remove, salvage, or demolish all improvements and enter on all land. Just Compensation has been paid or deposited with the court. All relocations have been relocated to decent, safe, and sanitary housing or that KYTC has made available to displaced persons adequate replacement housing in accordance with the provisions of the current FHWA directive.

☐ **Condition # 2 (Additional Right of Way Required with Exception)**

The right of way has not been fully acquired, the right to occupy and to use all rights-of-way required for the proper execution of the project has been acquired. Some parcels may be pending in court and on other parcels full legal possession has not been obtained, but right of entry has been obtained, the occupants of all lands and improvements have vacated, and KYTC has physical possession and right to remove, salvage, or demolish all improvements. Just Compensation has been paid or deposited with the court for most parcels. Just Compensation for all pending parcels will be paid or deposited with the court prior to AWARD of construction contract

☐ **Condition # 3 (Additional Right of Way Required with Exception)**

The acquisition or right of occupancy and use of a few remaining parcels are not complete and/or some parcels still have occupants. All remaining occupants have had replacement housing made available to them in accordance with 49 CFR 24.204. KYTC is hereby requesting authorization to advertise this project for bids and to proceed with bid letting even though the necessary right of way will not be fully acquired, and/or some occupants will not be relocated, and/or the just compensation will not be paid or deposited with the court for some parcels until after bid letting. KYTC will fully meet all the requirements outlined in 23 CFR 635.309(c)(3) and 49 CFR 24.102(j) and will expedite completion of all acquisitions, relocations, and full payments after bid letting and prior to AWARD of the construction contract or force account construction.

Total Number of Parcels on Project	0	EXCEPTION (S) Parcel #	ANTICIPATED DATE OF POSSESSION WITH EXPLANATION
Number of Parcels That Have Been Acquired			
Signed Deed			
Condemnation			
Signed ROE			

Notes/ Comments (Use Additional Sheet if necessary)

LPA RW Project Manager		Right of Way Supervisor	
Printed Name		Printed Name	Greg Combs
Signature		Signature	Greg Combs 2022.01.17 16:29:31 -05'00'
Date		Date	

Right of Way Director		FHWA	
Printed Name		Printed Name	
Signature	2022.01.18 09:07:44 -05'00'	Signature	No Signature Required as per FHWA-KYTC Current Stewardship Agreement
Date		Date	

UTILITIES AND RAIL CERTIFICATION NOTE

Whitley County – HSIP 5152(005) & HSIP 5152 (006)
FD52 118 025W 013-017 & FD52 118 025W 016-017
Safety Improvements along US 25W from MP 13.4 – 16.4
& Roundabouts at US 25W/I-75 Exit 15
Item Nos. 11-9012.00 & 11-9015.20

GENERAL PROJECT NOTE ON UTILITY PROTECTION

Utility coordination efforts determined that no significant utility relocation work is required to complete the project. Any work pertaining to these utility facilities is defined in the bid package and is to be carried out as instructed by the Kentucky Transportation Cabinet. The contractor will be responsible for any coordination or adjustments that are discussed or quantified in the proposal.

NOTE: DO NOT DISTURB THE FOLLOWING UTILITIES LOCATED WITHIN THE PROJECT DISTURB LIMITS

List all applicable utilities whose facilities are present and are not to be disturbed during construction activities.

KY 38 @ KY 72:

- Following utilities cross US 25W in multiple locations:
  - Utility poles with overhead electric and communication lines

The Contractor is fully responsible for protection of all utilities listed above

THE FOLLOWING COMPANIES ARE RELOCATING/ADJUSTING THEIR UTILITIES WITHIN THE PROJECT LIMITS AND WILL BE COMPLETE PRIOR TO CONSTRUCTION

N/A

THE FOLLOWING COMPANIES HAVE FACILITIES TO BE RELOCATED/ADJUSTED BY THE COMPANY OR THE COMPANY'S SUBCONTRACTOR AND IS TO BE COORDINATED WITH THE ROAD CONTRACT

N/A

THE FOLLOWING COMPANIES HAVE FACILITIES TO BE RELOCATED/ADJUSTED BY THE ROAD CONTRACTOR AS INCLUDED IN THIS CONTRACT

N/A

THE FOLLOWING RAIL COMPANIES HAVE FACILITIES IN CONJUNCTION WITH THIS PROJECT AS NOTED

☒ **No Rail Involved** ☐ **Minimal Rail Involved (See Below)** ☐ **Rail Involved (See Below)**

UTILITIES AND RAIL CERTIFICATION NOTE

Whitley County – HSIP 5152(005) & HSIP 5152 (006)
FD52 118 025W 013-017 & FD52 118 025W 016-017
Safety Improvements along US 25W from MP 13.4 – 16.4
& Roundabouts at US 25W/I-75 Exit 15
Item Nos. 11-9012.00 & 11-9015.20

UNDERGROUND FACILITY DAMAGE PROTECTION – BEFORE YOU DIG

The contractor shall make every effort to protect underground facilities from damage as prescribed in the Underground Facility Damage Protection Act of 1994, Kentucky Revised Statute KRS 367.4901 to 367.4917. It is the contractor's responsibility to determine and take steps necessary to be in compliance with federal and state damage prevention directives. The contractor is instructed to contact KY 811 for the location of existing underground utilities. Contact shall be made a minimum of two (2) and no more than ten (10) business days prior to excavation.

The contractor shall submit Excavation Locate Requests to the Kentucky Contact Center (KY 811) via web ticket entry. The submission of this request does not relieve the contractor from the responsibility of contacting non-member facility owners, whom are to be contacted through their individual Protection Notification Center. It may be necessary for the contractor to contact the County Court Clerk to determine what utility companies have facilities in the area. Non-compliance with these directives can result in the enforcement of penalties.

SPECIAL CAUTION NOTE – PROTECTION OF UTILITIES

The contractor will be responsible for contacting all utility facility owners on the subject project to coordinate his activities. The contractor will coordinate his activities to minimize and, where possible, avoid conflicts with utility facilities. Due to the nature of the work proposed, it is unlikely to conflict with the existing utilities beyond minor facility adjustments. Where conflicts with utility facilities are unavoidable, the contractor will coordinate any necessary relocation work with the facility owner and Resident Engineer. The Kentucky Transportation Cabinet maintains the right to remove or alter portions of this contract if a utility conflict occurs.

The utility facilities as noted in the previous section(s) have been determined using data garnered by varied means and with varying degrees of accuracy: from the facility owners, a result of S.U.E., field inspections, and/or reviews of record drawings. The facilities defined may not be inclusive of all utilities in the project scope and are not Level A quality, unless specified as such. It is the contractor's responsibility to verify all utilities and their respective locations before excavating.

Please Note: The information presented in this Utility Note is informational in nature and the information contained herein is not guaranteed.

UTILITIES AND RAIL CERTIFICATION NOTE

Whitley County – HSIP 5152(005) & HSIP 5152 (006)
FD52 118 025W 013-017 & FD52 118 025W 016-017
Safety Improvements along US 25W from MP 13.4 – 16.4
& Roundabouts at US 25W/I-75 Exit 15
Item Nos. 11-9012.00 & 11-9015.20

AREA UTILITIES CONTACT LIST

Utility Company/Agency	Contact Name	Contact Information
AT&T	O'Dell Keene	131 Amesbury Avenue Middlesboro, KY 40965 606-248-7243 ok3919@att.com
Charter	Lee Bowlin	105 W. Third Street Corbin, KY 40701 606-271-2504 albert.bowlin@charter.com
Delta Natural Gas Company	Brian Sidwell	3617 Lexington Road Winchester, KY 40391 859-744-6171, Ext. 1234
KU	David Laun	180 Substation Road London, KY 40741 606-864-2821 David.Laun@lge-ku.com
City of Williamsburg	Roddy Harrison	116 N. Main Street Williamsburg, KY 40769 606-549-6034 roddy.harrison@williamsburgky.com
Whitley County Water District	Albert Mahan	19 S HWY US 25W Williamsburg, KY 40769 606-549-3600 wcwd@bellsouth.net
Windstream	Bryan Reed	606-878-3263

NOTE: The Utilities Contact List is provided as informational only, and may not be a complete list of all Utility Companies with facilities in the project area.

Kentucky Transportation Cabinet

Highway District 11

And

_____(2), Construction

Kentucky Pollutant Discharge Elimination System Permit KYR10 Best Management Practices (BMP) plan

Groundwater protection plan

For Highway Construction Activities

For

Highway Safety Improvement Project on US 25W in Whitley County

Project: CID 22-4303

Revised 3/4/2016

KYTC BMP Plan for Project CID **22-4303**

Project information

Note – (1) = Design (2) = Construction (3) = Contractor

1. Owner – Kentucky Transportation Cabinet, District 11
2. Resident Engineer: (2)
3. Contractor name: (2)
   Address: (2)

   Phone number: (2)
   Contact: (2)
   Contractors agent responsible for compliance with the KPDES permit requirements (3):
4. Project Control Number: (2)
5. Route (Address): US 25W @ I-75 Exit 15, and mile points 15.70 – 16.40.
6. Latitude/Longitude (project mid-point): 36.790769, -084.166730
7. County (project mid-point): Whitley
8. Project start date (date work will begin): (2)
9. Projected completion date: (2)

KYTC BMP Plan for Project CID **22-4303**

A. Site description:

1. Nature of Construction Activity (from letting project description): Construct roundabouts at the NB and SB interchange of US 25W and I-75 (exit 15).

2. Order of major soil disturbing activities: (2) and (3)

3. Projected volume of material to be moved: 3,520 CY (Cut) & 566 CY (Fill)

4. Estimate of total project area (acres): 10.8 acres

5. Estimate of area to be disturbed (acres): 4.11 acres

6. Post construction runoff coefficient will be included in the project drainage folder. Persons needing information pertaining to the runoff coefficient will contact the resident engineer to request this information.

7. Data describing existing soil condition: (1) & (2)

8. Data describing existing discharge water quality (if any): (1) & (2)

9. Receiving water name: Cumberland River, Blake Fork

10. TMDLs and Pollutants of Concern in Receiving Waters: *No TDML's were involved on this project.*

11. Site map – Project layout sheet plus the erosion control sheets in the project plans that depict Disturbed Drainage Areas (DDAs) and related information. These sheets depict the existing project conditions with areas delineated by DDA (drainage area bounded by watershed breaks and right of way limits), the storm water discharge locations (either as a point discharge or as overland flow) and the areas that drain to each discharge point. These plans define the limits of areas to be disturbed and the location of control measures. Controls will be either site specific as designated by the designer or will be annotated by the contractor and resident engineer before disturbance commences. The project layout sheet shows the surface waters and wetlands.

12. Potential sources of pollutants:
    The primary source of pollutants is solids that are mobilized during storm events. Other sources of pollutants include oil/fuel/grease from servicing and operating construction equipment, concrete washout water, sanitary wastes and trash/debris. (3)

B. Sediment and Erosion Control Measures:

1. Plans for highway construction projects will include erosion control sheets that depict Disturbed Drainage Areas (DDAs) and related information. These plan sheets will show the existing project conditions with areas delineated by DDA within the right of way limits, the discharge points and the areas that drain to each discharge point. Project managers and designers will analyze the DDAs and identify Best Management Practices (BMPs) that are site specific. The balance of the BMPs for the project will be listed in the bid documents for selection and use by the contractor on the project with approval by the resident engineer.

   Projects that do not have DDAs annotated on the erosion control sheets will employ the same concepts for development and managing BMP plans.

2. Following award of the contract, the contractor and resident engineer will annotate the erosion control sheets showing location and type of BMPs for each of the DDAs that will be disturbed at the outset of the project. This annotation will be accompanied by an order of work that reflects the order or sequence of major soil moving activities. The remaining DDAs are to be designated as “Do Not Disturb” until the contractor and resident engineer prepare the plan for BMPs to be employed. The initial BMP’s shall be for the first phase (generally Clearing and Grubbing) and shall be modified as needed as the project changes phases. The BMP Plan will be modified to reflect disturbance in additional DDA’s as the work progresses. <u>All DDA’s will have adequate BMP’s in place before being disturbed.</u>

3. As DDAs are prepared for construction, the following will be addressed for the project as a whole or for each DDA as appropriate:

   - Construction Access – This is the first land-disturbing activity. As soon as construction begins, bare areas will be stabilized with gravel and temporary mulch and/or vegetation.
   - At the beginning of the project, all DDAs for the project will be inspected for areas that are a source of storm water pollutants. Areas that are a source of pollutants will receive appropriate cover or BMPs to arrest the introduction of pollutants into storm water. Areas that have not been opened by the contractor will be inspected periodically (once per month) to determine if there is a need to employ BMPs to keep pollutants from entering storm water.
   - Clearing and Grubbing – The following BMP’s will be considered and used where appropriate.

- Leaving areas undisturbed when possible.
- Silt basins to provide silt volume for large areas.
- Silt Traps Type A for small areas.
- Silt Traps Type C in front of existing pipes and drop inlets which are to be saved
- Diversion ditches to catch sheet runoff and carry it to basins or traps or to divert it around areas to be disturbed.
- Brush and/or other barriers to slow and/or divert runoff.
- Silt fences to catch sheet runoff on short slopes. For longer slopes, multiple rows of silt fence may be considered.
- Temporary Mulch for areas which are not feasible for the fore mentioned types of protections.
- Non-standard or innovative methods.

➢ Cut & Fill and placement of drainage structures - The BMP Plan will be modified to show additional BMP's such as:

- Silt Traps Type B in ditches and/or drainways as they are completed
- Silt Traps Type C in front of pipes and drop inlets after they are placed
- Channel Lining
- Erosion Control Blanket
- Temporary mulch and/or seeding for areas where construction activities will be ceased for 21 days or more.
- Non-standard or innovative methods

➢ Profile and X-Section in place – The BMP Plan will be modified to show elimination of BMP's which had to be removed and the addition of new BMP's as the roadway was shaped. Probably changes include:

- Silt Trap Type A, Brush and/or other barriers, Temporary Mulch, and any other BMP which had to be removed for final grading to take place.
- Additional Silt Traps Type B and Type C to be placed as final drainage patterns are put in place.
- Additional Channel Lining and/or Erosion Control Blanket.
- Temporary Mulch for areas where Permanent Seeding and Protection cannot be done within 21 days.
- Special BMP's such as Karst Policy

➢ Finish Work (Paving, Seeding, Protect, etc.) – A final BMP Plan will result from modifications during this phase of construction. Probable changes include:

- Removal of Silt Traps Type B from ditches and drainways if they are protected with other BMP's which are sufficient to control erosion, i.e. Erosion Control Blanket or Permanent Seeding and Protection on moderate grades.
- Permanent Seeding and Protection

- Placing Sod
- Planting trees and/or shrubs where they are included in the project

➢ BMP's including Storm Water Management Devices such as velocity dissipation devices and Karst policy BMP's to be installed during construction to control the pollutants in storm water discharges that will occur after construction has been completed are: *This project does not include storm water BMPs or flow controls for post-construction use.*

C. Other Control Measures

1. No solid materials, including building materials, shall be discharged to waters of the commonwealth, except as authorized by a Section 404 permit.

2. Waste Materials

All waste materials that may leach pollutants (paint and paint containers, caulk tubes, oil/grease containers, liquids of any kind, soluble materials, etc.) will be collected and stored in appropriate covered waste containers. Waste containers shall be removed from the project site on a sufficiently frequent basis as to not allow wastes to become a source of pollution. All personnel will be instructed regarding the correct procedure for waste disposal. Wastes will be disposed in accordance with appropriate regulations. Notices stating these practices will be posted in the office.

3. Hazardous Waste

All hazardous waste materials will be managed and disposed of in the manner specified by local or state regulation. The contractor shall notify the Section Engineer if there any hazardous wastes being generated at the project site and how these wastes are being managed. Site personnel will be instructed with regard to proper storage and handling of hazardous wastes when required. The Transportation Cabinet will file for generator, registration when appropriate, with the Division of Waste Management and advise the contractor regarding waste management requirements.

4. Spill Prevention

The following material management practices will be used to reduce the risk of spills or other exposure of materials and substances to the weather and/or runoff.

➢ **Good Housekeeping:**

The following good housekeeping practices will be followed onsite during the construction project.

- An effort will be made to store only enough product required to do the job
- All materials stored onsite will be stored in a neat, orderly manner in their appropriate containers and, if possible, under a roof or other enclosure
- Products will be kept in their original containers with the original manufacturer's label
- Substances will not be mixed with one another unless recommended by the manufacturer
- Whenever possible, all of the product will be used up before disposing of the container
- Manufacturers' recommendations for proper use and disposal will be followed
- The site contractor will inspect daily to ensure proper use and disposal of materials onsite

➢ **Hazardous Products:**

These practices will be used to reduce the risks associated with any and all hazardous materials.

- Products will be kept in original containers unless they are not resealable
- Original labels and material safety data sheets (MSDS) will be reviewed and retained
- Contractor will follow procedures recommended by the manufacturer when handling hazardous materials
- If surplus product must be disposed of, manufacturers' or state/local recommended methods for proper disposal will be followed

The following product-specific practices will be followed onsite:

➢ **Petroleum Products:**

Vehicles and equipment that are fueled and maintained on site will be monitored for leaks, and receive regular preventative maintenance to reduce the chance of leakage. Petroleum products onsite will be stored in tightly sealed containers, which are clearly labeled and will be protected from exposure to weather.

The contractor shall prepare an Oil Pollution Spill Prevention Control and Countermeasure plan when the project that involves the storage of petroleum products in 55 gallon or larger containers with a total combined storage capacity of 1,320 gallons. This is a requirement of 40 CFR 112.

This project (will / will not) (3) have over 1,320 gallons of petroleum products with a total capacity, sum of all containers 55 gallon capacity and larger.

- **Fertilizers:**

Fertilizers will be applied at rates prescribed by the contract, standard specifications or as directed by the resident engineer. Once applied, fertilizer will be covered with mulch or blankets or worked into the soil to limit exposure to storm water. Storage will be in a covered shed. The contents of any partially used bags of fertilizer will be transferred to a sealable plastic bin to avoid spills.

- **Paints:**

All containers will be tightly sealed and stored indoors or under roof when not being used. Excess paint or paint wash water will not be discharged to the drainage or storm sewer system but will be properly disposed of according to manufacturers' instructions or state and local regulations.

- **Concrete Truck Washout:**

Concrete truck mixers and chutes will not be washed on pavement, near storm drain inlets, or within 75 feet of any ditch, stream, wetland, lake, or sinkhole. Where possible, excess concrete and wash water will be discharged to areas prepared for pouring new concrete, flat areas to be paved that are away from ditches or drainage system features, or other locations that will not drain off site. Where this approach is not possible, a shallow earthen wash basin will be excavated away from ditches to receive the wash water

- **Spill Control Practices**

In addition to the good housekeeping and material management practices discussed in the previous sections of this plan, the following practices will be followed for spill prevention and cleanup**:**

- Manufacturers' recommended methods for spill cleanup will be clearly posted. All personnel will be made aware of procedures and the location of the information and cleanup supplies.
- Materials and equipment necessary for spill cleanup will be kept in the material storage area. Equipment and materials will include as appropriate, brooms, dust pans, mops, rags, gloves, oil absorbents, sand, sawdust, and plastic and metal trash containers.
- All spills will be cleaned up immediately after discovery.
- The spill area will be kept well ventilated and personnel will wear appropriate protective clothing to prevent injury from contract with a hazardous substance.

- Spills of toxic or hazardous material will be reported to the appropriate state/local agency as required by KRS 224 and applicable federal law.
- The spill prevention plan will be adjusted as needed to prevent spills from reoccurring and improve spill response and cleanup.
- Spills of products will be cleaned up promptly. Wastes from spill cleanup will be disposed in accordance with appropriate regulations.

D. Other State and Local Plans

This BMP plan shall include any requirements specified in sediment and erosion control plans, storm water management plans or permits that have been approved by other state or local officials. Upon submittal of the NOI, other requirements for surface water protection are incorporated by reference into and are enforceable under this permit (even if they are not specifically included in this BMP plan). This provision does not apply to master or comprehensive plans, non-enforceable guidelines or technical guidance documents that are not identified in a specific plan or permit issued for the construction site by state or local officials. *There are no other local (MS4) requirements that are expected to be necessary for this project.*

E. Maintenance

1. The BMP plan shall include a clear description of the maintenance procedures necessary to keep the control measures in good and effective operating condition.

- Maintenance of BMPs during construction shall be a result of weekly and post rain event inspections with action being taken by the contractor to correct deficiencies.

- Post Construction maintenance will be a function of normal highway maintenance operations. Following final project acceptance by the cabinet, district highway crews will be responsible for identification and correction of deficiencies regarding ground cover and cleaning of storm water BMPs. The project manager shall identify any BMPs that will be for the purpose of post construction storm water management with specific guidance for any non-routine maintenance. *There are no such BMP's for this project.*

F. Inspections

Inspection and maintenance practices that will be used to maintain erosion and sediment controls:

- All erosion prevention and sediment control measures will be inspected at least once each week and following any rain of one-half inch or more.
- Inspections will be conducted by individuals that have successfully completed the KEPSC-RI course as required by Section 213.02.02 of the Standard Specifications for Road and Bridge Construction, current edition.
- Inspection reports will be written, signed, dated, and kept on file.
- Areas at final grade will be seeded and mulched within 14 days.
- Areas that are not at final grade where construction has ceased for a period of 21 days or longer and soil stock piles shall receive temporary mulch no later than 14 days from the last construction activity in that area.
- All measures will be maintained in good working order; if a repair is necessary, it will be initiated within 24 hours of being reported.
- Built-up sediment will be removed from behind the silt fence before it has reached halfway up the height of the fence.
- Silt fences will be inspected for bypassing, overtopping, undercutting, depth of sediment, tears, and to ensure attachment to secure posts.
- Sediment basins will be inspected for depth of sediment, and built-up sediment will be removed when it reaches 50 percent of the design capacity and at the end of the job.
- Diversion dikes and berms will be inspected and any breaches promptly repaired. Areas that are eroding or scouring will be repaired and re-seeded / mulched as needed.
- Temporary and permanent seeding and mulching will be inspected for bare spots, washouts, and healthy growth. Bare or eroded areas will be repaired as needed.
- All material storage and equipment servicing areas that involve the management of bulk liquids, fuels, and bulk solids will be inspected weekly for conditions that represent a release or possible release of pollutants to the environment.

G. Non – Storm Water discharges

It is expected that non-storm water discharges may occur from the site during the construction period. Examples of non-storm water discharges include:

- Water from water line flushings.
- Water form cleaning concrete trucks and equipment.
- Pavement wash waters (where no spills or leaks of toxic or hazardous materials have occurred).
- Uncontaminated groundwater and rain water (from dewatering during excavation).

All non-storm water discharges will be directed to the sediment basin or to a filter fence enclosure in a flat vegetated infiltration area or be filtered via another approved commercial product.

H. Groundwater Protection Plan (3)

This plan serves as the groundwater protection plan as required by 401 KAR 5:037.

- Contractors statement: (3)

The following activities, as enumerated by 401 KAR 5:037 Section 2 that require the preparation and implementation of a groundwater protection plan, will or may be may be conducted as part of this construction project:

_____ 2. (e) land treatment or land disposal of a pollutant;

_____ 2. (f) Storing, …, or related handling of hazardous waste, solid waste or special waste, …, in tanks, drums, or other containers, or in piles, (This does not include wastes managed in a container placed for collection and removal of municipal solid waste for disposal off site);

_____ 2. (g) …. Handling of materials in bulk quantities (equal or greater than 55 gallons or 100 pounds net dry weight transported held in an individual container) that, if released to the environment, would be a pollutant;

_____ 2. (j) Storing or related handling of road oils, dust suppressants, …., at a central location;

_____ 2. (k) Application or related handling of road oils, dust suppressants or deicing materials, (does not include use of chloride-based deicing materials applied to roads or parking lots);

_____ 2. (m) Installation, construction, operation, or abandonment of wells, bore holes, or core holes, (this does not include bore holes for the purpose of explosive demolition);

Or, check the following only if there are no qualifying activities

_____ There are no activities for this project as listed in 401 KAR 5:037 Section 2 that require the preparation and implementation of a groundwater protection plan.

The contractor is responsible for the preparation of a plan that addresses the 401 KAR 5:037 Section 3. (3) Elements of site specific groundwater protection plan:

(a) General information about this project is covered in the Project information;
(b) Activities that require a groundwater protection plan have been identified above;
(c) Practices that will protect groundwater from pollution are addressed in section C. Other control measures.
(d) Implementation schedule – all practices required to prevent pollution of groundwater are to be in place prior to conducting the activity;
(e) Training is required as a part of the ground water protection plan. All employees of the contractor, sub-contractor and resident engineer personnel will be trained to understand the nature and requirements of this plan as they pertain to their job function(s). Training will be accomplished within one week of employment and annually thereafter. A record of training will be maintained by the contractor with a copy provide to the resident engineer.
(f) Areas of the project and groundwater plan activities will be inspected as part of the weekly sediment and erosion control inspections
(g) Certification (see signature page.)

KYTC BMP Plan for Project CID 22-4303

Contractor and Resident Engineer Plan certification

The contractor that is responsible for implementing this BMP plan is identified in the Project Information section of this plan.

The following certification applies to all parties that are signatory to this BMP plan:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. Further, this plan complies with the requirements of 401 KAR 5:037. By this certification, the undersigned state that the individuals signing the plan have reviewed the terms of the plan and will implement its provisions as they pertain to ground water protection.

Resident Engineer and Contractor Certification:

(2) Resident Engineer signature

Signed _____title_____, _____
Typed or printed name[2] signature

(3) Signed _____title_____, _____
Typed or printed name[1] signature

1. Contractors Note: to be signed by a person who is the owner, a responsible corporate officer, a general partner or the proprietor or a person designated to have the authority to sign reports by such a person in accordance with 401 KAR 5:060 Section 9. This delegation shall be in writing to: Manager, KPDES Branch, Division of Water, 14 Reilly Road, Frankfort Kentucky 40601. Reference the Project Control Number (PCN) and KPDES number when one has been issued.

2. KyTC note: to be signed by the Chief District Engineer or a person designated to have the authority to sign reports by such a person (usually the resident engineer) in accordance with 401 KAR 5:060 Section 9. This delegation shall be in writing to: Manager, KPDES Branch, Division of Water, 14 Reilly Road, Frankfort Kentucky 40601 Reference the Project Control Number (PCN) and KPDES number when one has been issued.

Sub-Contractor Certification

The following sub-contractor shall be made aware of the BMP plan and responsible for implementation of BMPs identified in this plan as follows:

Subcontractor

Name:
Address:
Address:

Phone:

The part of BMP plan this subcontractor is responsible to implement is:

I certify under penalty of law that I understand the terms and conditions of the general Kentucky Pollutant Discharge Elimination System permit that authorizes the storm water discharges, the BMP plan that has been developed to manage the quality of water to be discharged as a result of storm events associated with the construction site activity and management of non-storm water pollutant sources identified as part of this certification.

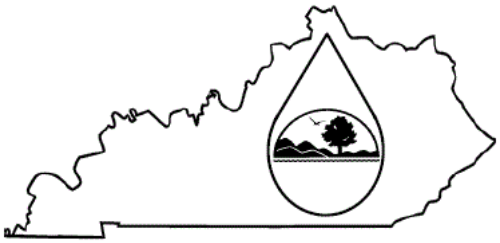
Signed _____title_____, _____
Typed or printed name[1] signature

1. Sub Contractor Note: to be signed by a person who is the owner, a responsible corporate officer, a general partner or the proprietor or a person designated to have the authority to sign reports by such a person in accordance with 401 KAR 5:060 Section 9. This delegation shall be in writing to: Manager, KPDES Branch, Division of Water, 14 Reilly Road, Frankfort Kentucky 40601. Reference the Project Control Number (PCN) and KPDES number when one has been issued.

CID 22-4303
Whitley County
Highway Safety Improvement Project along US-25W
from MP 13.400 – 16.400
Item No.: 11-9012.00 & 11-9015.20

An electronic Notice of Intent (eNOI) for obtaining coverage under the Kentucky Pollutant Discharge Elimination System (KPDES) General Permit for Stormwater Discharges Associated with Construction Activities (KYR10) has been drafted, a copy of which is attached. Upon award, the Contractor will be identified in Section III of the form as the "Building Contractor" and the eNOI will be submitted for approval to the Kentucky Division of Water. The Contractor shall be responsible for advancing the work within this contract in a manner that is compliant with all applicable and appropriate KYTC specifications for sediment and erosion control, as well as meeting the requirements of the KYR10 permit and the KDOW.

eForm Submittal ID: 269115



KENTUCKY POLLUTION DISCHARGE ELIMINATION SYSTEM (KPDES)

Notice of Intent (NOI) for coverage of Storm Water Discharge Associated with Construction Activities Under the KPDES Storm Water General Permit KYR100000

Click here for Instructions
(Controls/KPDES_FormKYR10_Instructions.htm)

Click here to obtain information and a copy of the KPDES General Permit.
(http://dep.ky.gov/formslibrary/Documents/KYR10PermitPage.pdf)

(*) indicates a required field; (✓) indicates a field may be required based on user input or is an optionally required field

Reason for Submittal:(*)	Agency Interest ID:	Permit Number:(✓)
Application for New Permit Coverage	Agency Interest ID	KPDES Permit Number

If change to existing permit coverage is requested, describe the changes for which modification of coverage is being sought:(✓)

ELIGIBILITY:
Stormwater discharges associated with construction activities disturbing individually one (1) acre or more, including, in the case of a common plan of development, contiguous construction activities that cumulatively equal one (1) acre or more of disturbance.

EXCLUSIONS:
The following are excluded from coverage under this general permit:
1) Are conducted at or on properties that have obtained an individual KPDES permit for the discharge of other wastewaters which requires the development and implementation of a Best Management Practices (BMP) plan;
2) Any operation that the DOW determines an individual permit would better address the discharges from that operation;
3) Any project that discharges to an Impaired Water listed in the most recent Integrated Report, §305(b) as impaired for sediment and for which an approved TMDL has been developed.

SECTION I -- FACILITY OPERATOR INFORMATION (PERMITTEE)

Company Name:(✓)	First Name:(✓)	M.I.:	Last Name:(✓)
Kentucky Transportation Cabinet, District 11	Chris	MI	Jones

Mailing Address:(*)	City:(*)	State:(*)	Zip:(*)
603 Railroad Ave.	Manchester	Kentucky	40962

eMail Address:(*)	Business Phone:(*)	Alternate Phone:
chrisj.jones@ky.gov	606-598-2145	Phone

SECTION II -- GENERAL SITE LOCATION INFORMATION

Project Name:(*)	Status of Owner/Operator(*)	SIC Code(*)
KYTC Project 224303	State Government	1611 Highway and Street Const

Company Name:(✓)	First Name:(✓)	M.I.:	Last Name:(✓)
Company Name	First Name	MI	Last Name

Site Physical Address:(*)
US 25W

City:(*)	State:(*)	Zip:(*)
Williamsburg	Kentucky	40769

County:(*)	Latitude(decimal degrees)(*)DMS to DD Converter (https://www.fcc.gov/media/radio/dms-decimal)	Longitude(decimal degrees)(*)
Whitley	36.792864	-84.169935

SECTION III -- SPECIFIC SITE ACTIVITY INFORMATION

Project Description:(*)
Highway Safety Improvement Program consisting of various improvements such as JPC Paving, Slope Improvements, Pipe Extensions, Ditching, Guardrail, and Signing

a. For single projects provide the following information

Total Number of Acres in Project:(✓)	Total Number of Acres Disturbed:(✓)
10.8	2.4
Anticipated Start Date:(✓)	Anticipated Completion Date:(✓)

b. For common plans of development provide the following information

Total Number of Acres in Project:(✓)	Total Number of Acres Disturbed:(✓)
# Acre(s)	# Acre(s)
Number of individual lots in development, if applicable:(✓)	Number of lots in development:(✓)
# lot(s)	# lot(s)
Total acreage of lots intended to be developed:(✓)	Number of acres intended to be disturbed at any one time:(✓)
Project Acres	Disturbed Acres
Anticipated Start Date:(✓)	Anticipated Completion Date:(✓)

List Building Contractor(s) at the time of Application:(*)

	Company Name	
+		

SECTION IV -- IF THE PERMITTED SITE DISCHARGES TO A WATER BODY THE FOLLOWING INFORMATION IS REQUIRED

Discharge Point(s):

	Unnamed Tributary?	Latitude	Longitude	Receiving Water Name	
1	Yes	36.792569	-84.167563	Blake Fork	Delete
2	Yes	36.791533	-84.167628	Blake Fork	Delete
3	Yes	36.791989	-84.167725	Blake Fork	Delete
4	Yes	36.792074	-84.168122	Blake Fork	Delete
5	Yes	36.792596	-84.168173	Blake Fork	Delete
6	Yes	36.792799	-84.168294	Blake Fork	Delete
7	Yes	36.791948	-84.168339	Blake Fork	Delete
8	Yes	36.792110	-84.168348	Blake Fork	Delete
9	Yes	36.792775	-84.168373	Blake Fork	Delete
10	Yes	36.791579	-84.168475	Cumberland River	Delete

SECTION V -- IF THE PERMITTED SITE DISCHARGES TO A MS4 THE FOLLOWING INFORMATION IS REQUIRED

Name of MS4:

Date of application/notification to the MS4 for construction site permit coverage:	Discharge Point(s):(*)
Date	

	Latitude	Longitude	
+			

SECTION VI -- WILL THE PROJECT REQUIRE CONSTRUCTION ACTIVITIES IN A WATER BODY OR THE RIPARIAN ZONE?

Will the project require construction activities in a water body or the riparian zone?: (*)	No
If Yes, describe scope of activity: (✓)	describe scope of activity
Is a Clean Water Act 404 permit required?:(*)	Yes

Is a Clean Water Act 401 Water Quality Certification required?:(*)	Yes

SECTION VII -- NOI PREPARER INFORMATION

First Name:(*)	M.I.:	Last Name:(*)	Company Name:(*)
First Name	MI	Last Name	Company Name

Mailing Address:(*)	City:(*)	State:(*)	Zip:(*)
Mailing Address	City		Zip

eMail Address:(*)	Business Phone:(*)	Alternate Phone:
eMail Address	Phone	Phone

SECTION VIII -- ATTACHMENTS

Facility Location Map:(*)	Upload file
Supplemental Information:	Upload file

SECTION IX -- CERTIFICATION

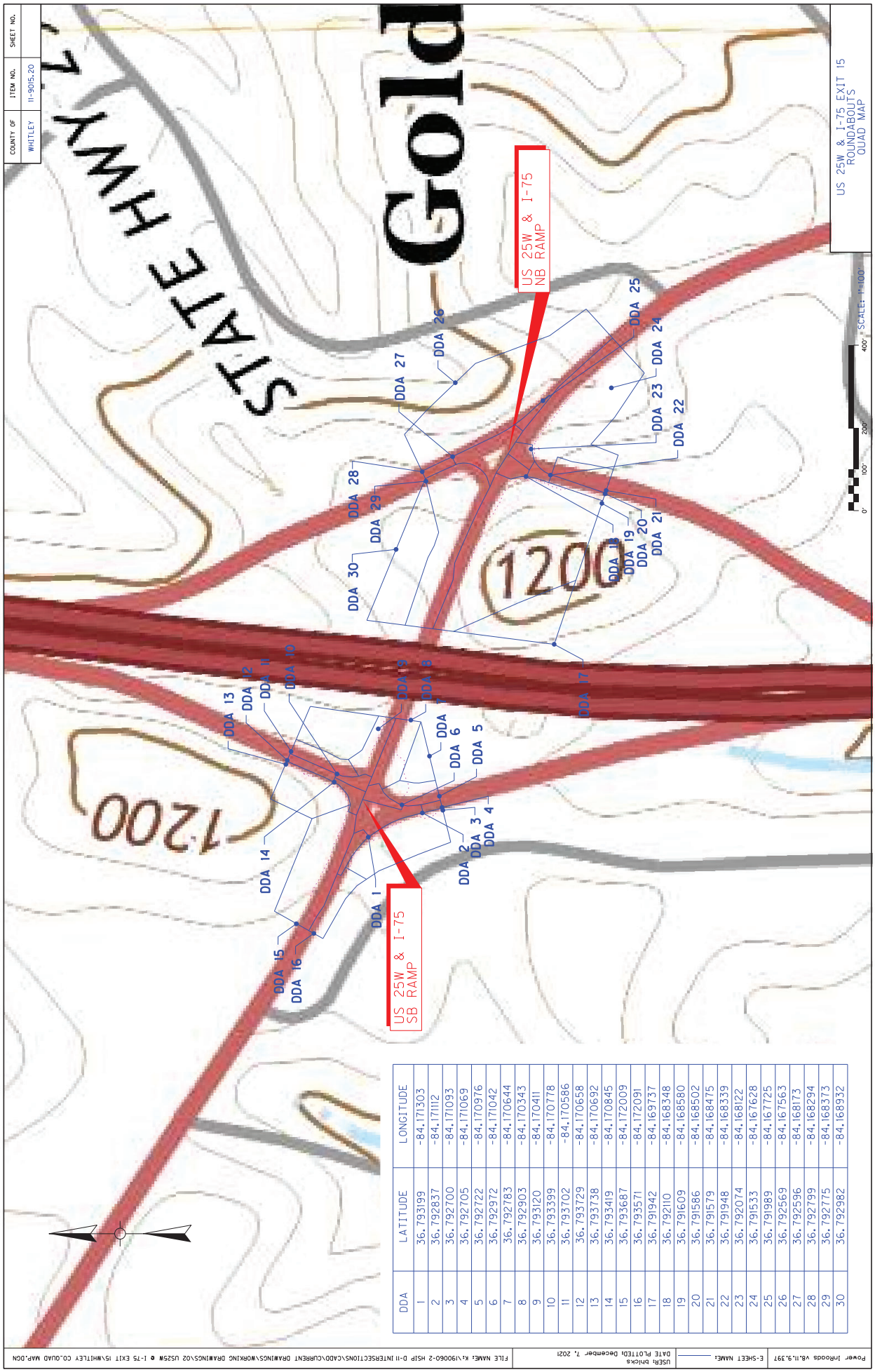
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature:(*)	Title:(*)
Signature	Title

First Name:(*)	M.I.:	Last Name:(*)
First Name	MI	Last Name

eMail Address:(*)	Business Phone:(*)	Alternate Phone:	Signature Date:(*)
eMail Address	Phone	Phone	Date

Click to Save Values for Future Retrieval | Click to Submit to EEC



DDA	LATITUDE	LONGITUDE
1	36.793199	-84.171303
2	36.792837	-84.171112
3	36.792700	-84.171093
4	36.792705	-84.171069
5	36.792722	-84.170976
6	36.792972	-84.171042
7	36.792783	-84.170644
8	36.792903	-84.170343
9	36.793120	-84.170411
10	36.793399	-84.170778
11	36.793702	-84.170586
12	36.793729	-84.170658
13	36.793738	-84.170692
14	36.793419	-84.170845
15	36.793687	-84.172009
16	36.793571	-84.172091
17	36.791942	-84.169737
18	36.792110	-84.168348
19	36.791609	-84.168580
20	36.791586	-84.168502
21	36.791579	-84.168475
22	36.791948	-84.168339
23	36.792074	-84.168122
24	36.791533	-84.167628
25	36.791989	-84.167725
26	36.792569	-84.167563
27	36.792596	-84.168173
28	36.792799	-84.168294
29	36.792775	-84.168373
30	36.792982	-84.168932

ANDY BESHEAR
GOVERNOR

REBECCA W. GOODMAN
SECRETARY

ENERGY AND ENVIRONMENT CABINET
DEPARTMENT FOR ENVIRONMENT PROTECTION

ANTHONY R. HATTON
COMMISSIONER

300 SOWER BOULEVARD
FRANKFORT, KENTUCKY 40601

January 11, 2022

Chris J. Jones
Kentucky Transportation Cabinet – District 11
603 Railroad Ave
Manchester, KY 40962

RE: **KYR10 Coverage Acknowledgement**
KPDES No.**:** KYR10Q030
11-9007, 11-9012, 11-9015.20 - Highway Safety Improvements
Permit Type: Construction
AI ID: 171239
Whitley County, Kentucky

Dear Chris Jones:

The discharges associated with the Notice of Intent you submitted have been approved for coverage under the "Kentucky Pollutant Discharge Elimination System (KPDES) General Permit for Storm Water Discharges Associated with Construction Activities (KYR100000)" master general permit. Your coverage becomes effective on the date of this letter, and will automatically terminate two years from the effective date of your coverage unless an extension is requested prior to the termination date, until the KYR100000 master general permit expires on November 30, 2024, or the Division of Water revokes coverage, whichever comes first. During this period of coverage all discharges shall comply with the conditions of the KYR100000 master general permit. This permit and links to the eNOI (and permit coverage extension) and eNOT forms can be found on our website: https://eec.ky.gov/Environmental-Protection/Water/PermitCert/KPDES/Documents/KYR10PermitPage.pdf.

Any person aggrieved by the issuance of a permit final decision may demand a hearing pursuant to KRS 224.10-420(2) within thirty (30) days from the date of the issuance of this letter. Any demand for a hearing on the permit shall be filed in accordance with the procedures specified in KRS 224.10-420, 224.10-440, 224.10-470, and the regulations promulgated thereto. The request for hearing should be submitted in writing to the Energy and Environment Cabinet, Office of Administrative Hearings, 211 Sower Boulevard, Frankfort, Kentucky 40601 and the Commonwealth of Kentucky, Energy and Environment Cabinet, Division of Water, 300 Sower Boulevard, Frankfort, Kentucky 40601. For your record keeping purposes, it is recommended that these requests be sent by certified mail. The written request must conform to the appropriate statutes referenced above.

Any questions concerning the general permit and its requirements should be directed to me at 502-782-9695 or email me at Justinm.smith@ky.gov

Construction Site GPS Coordinates: 36.820235º, - 84.203266º
Receiving Waters: Blake Fork, Cumberland River, Youngs Creek, & Spruce Creek – Whitley County

Sincerely,

Justin Smith
Surface Water Permits Branch
Division of Water

cc: Joshua Higgins, eNOI Preparer
Robert Miller, London Regional Office
Shawn Hokanson, Floodplain Management Supervisor

MATERIAL SUMMARY

CONTRACT ID: 224303 **118GR22T004-HSIP** **1111800252201**

CUMBERLAND FALLS HIGHWAY (US 25W) CONSTRUCT ROUNDABOUTS AT THE INTERCHANGE OF US 25W AND 1-75 (EXIT 15) JPC PAVEMENT WITH GRADE & DRAIN, A DISTANCE OF .35 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0005	00001	DGA BASE	3,653.00	TON
0010	02084	JPC PAVEMENT-8 IN	6,356.00	SQYD
0015	01812	REMOVE CURB AND GUTTER	1,365.00	LF
0020	01820	LIP CURB AND GUTTER	1,668.00	LF
0025	01945	MOUNTABLE MEDIAN TYPE 1A	1,277.00	SQYD
0030	01987	DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	18.00	EACH
0035	02014	BARRICADE-TYPE III	4.00	EACH
0040	02159	TEMP DITCH	1,096.00	LF
0045	02160	CLEAN TEMP DITCH	548.00	LF
0050	02200	ROADWAY EXCAVATION	3,520.00	CUYD
0055	02360	GUARDRAIL TERMINAL SECTION NO 1	2.00	EACH
0060	02363	GUARDRAIL CONNECTOR TO BRIDGE END TY A	4.00	EACH
0065	02367	GUARDRAIL END TREATMENT TYPE 1	6.00	EACH
0070	02381	REMOVE GUARDRAIL	1,317.00	LF
0075	02483	CHANNEL LINING CLASS II	82.00	TON
0080	02545	CLEARING AND GRUBBING - (APPROX 2.4 ACRES)	1.00	LS
0085	02562	TEMPORARY SIGNS	624.00	SQFT
0090	02650	MAINTAIN & CONTROL TRAFFIC - (WHITLEY US 25W ROUNDABOUTS)	1.00	LS
0095	02671	PORTABLE CHANGEABLE MESSAGE SIGN	4.00	EACH
0100	02701	TEMP SILT FENCE	1,096.00	LF
0105	02703	SILT TRAP TYPE A	3.00	EACH
0110	02704	SILT TRAP TYPE B	3.00	EACH
0115	02705	SILT TRAP TYPE C	3.00	EACH
0120	02706	CLEAN SILT TRAP TYPE A	3.00	EACH
0125	02707	CLEAN SILT TRAP TYPE B	3.00	EACH
0130	02708	CLEAN SILT TRAP TYPE C	3.00	EACH
0135	02726	STAKING - (WHITLEY US 25W ROUNDABOUTS)	1.00	LS
0140	04934	TEMP SIGNAL MULTI PHASE	1.00	EACH
0145	05950	EROSION CONTROL BLANKET	160.00	SQYD
0150	05952	TEMP MULCH	7,639.00	SQYD
0155	05953	TEMP SEEDING AND PROTECTION	5,729.00	SQYD
0160	05963	INITIAL FERTILIZER	.20	TON
0165	05964	MAINTENANCE FERTILIZER	.10	TON
0170	05985	SEEDING AND PROTECTION	2,740.00	SQYD
0175	05992	AGRICULTURAL LIMESTONE	1.80	TON
0180	06406	SBM ALUM SHEET SIGNS .080 IN	277.00	SQFT
0185	06407	SBM ALUM SHEET SIGNS .125 IN	169.00	SQFT
0190	06410	STEEL POST TYPE 1	492.00	LF
0195	06549	PAVE STRIPING-TEMP REM TAPE-B	1,500.00	LF
0200	06550	PAVE STRIPING-TEMP REM TAPE-W	4,500.00	LF
0205	06551	PAVE STRIPING-TEMP REM TAPE-Y	4,500.00	LF
0210	06556	PAVE STRIPING-DUR TY 1-6 IN W	3,495.00	LF

MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0215	06557	PAVE STRIPING-DUR TY 1-6 IN Y	4,635.00	LF
0220	06560	PAVE STRIPING-DUR TY 1-12 IN W - (OPTICAL SPEED BARS)	132.00	LF
0225	10020NS	FUEL ADJUSTMENT	1,847.00	DOLL
0230	21373ND	REMOVE SIGN	38.00	EACH
0235	21596ND	GMSS TYPE D - (SURFACE MOUNT)	4.00	EACH
0240	21596ND	GMSS TYPE D	12.00	EACH
0245	21802EN	G/R STEEL W BEAM-S FACE (7 FT POST)	1,073.00	LF
0250	21813NN	REMOVE AND RELOCATE SHEET SIGNS	3.00	EACH
0255	22520EN	PAVE MARKING-THERMO YIELD BAR-36 IN - (TYPE 1 TAPE)	68.00	LF
0260	22680EN	QWICK CURB MEDIAN SEPARATOR	160.00	LF
0265	23253ES717	PAVE MARK TY 1 TAPE CROSS-HATCH	3,682.00	SQFT
0270	23254ES717	PAVE MARK TY 1 TAPE DOTTED LANE EXT	162.00	LF
0275	23269ES717	PAVE MARK TY 1 TAPE-COMBO ARROW	8.00	EACH
0280	23269ES717	PAVE MARK TY 1 TAPE-COMBO ARROW - (SPECIAL FISH HOOK)	6.00	EACH
0285	23379EC	STAMPED CONCRETE - (TRUCK APRON, STAMPED & DYED)	805.00	SQYD
0290	24097EC	THERMO RUMBLE STRIPS TY 2	148.00	LF
0295	24631EC	BARCODE SIGN INVENTORY	98.00	EACH
0300	00461	CULVERT PIPE-15 IN	17.00	LF
0305	00462	CULVERT PIPE-18 IN	35.00	LF
0310	01310	REMOVE PIPE	90.00	LF
0315	01559	DROP BOX INLET TYPE 13G	5.00	EACH
0320	01689	FLUME INLET TYPE 1 MOD	2.00	EACH
0325	01718	REMOVE INLET	11.00	EACH
0330	01726	SAFETY BOX INLET-18 IN SDB-1	2.00	EACH
0335	02625	REMOVE HEADWALL	9.00	EACH
0340	24575ES610	HEADWALL - (SLOPED & MITERED CONCRETE HEADWALL FOR 18 IN PIPE)	1.00	EACH
0345	02569	DEMOBILIZATION	1.00	LS

CONTRACT ID: 224303 **118GR22T004-HSIP** **1111800252202**

CUMBERLAND FALLS HIGHWAY (US 25W) FROM 0.294 MILES SOUTH OF KY 856 EXTENDING NORTH TO 0.020 MILES NORTH OF KY 2379 ASPHALT PAVEMENT & ROADWAY REHAB, A DISTANCE OF 3 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0350	00003	CRUSHED STONE BASE	1,489.00	TON
0355	00100	ASPHALT SEAL AGGREGATE	20.40	TON
0360	00103	ASPHALT SEAL COAT	2.45	TON
0365	00212	CL2 ASPH BASE 1.00D PG64-22	39.00	TON
0370	00214	CL3 ASPH BASE 1.00D PG64-22	629.00	TON
0375	00301	CL2 ASPH SURF 0.38D PG64-22	20.00	TON
0380	00356	ASPHALT MATERIAL FOR TACK	1.30	TON
0385	22906ES403	CL3 ASPH SURF 0.38A PG64-22	156.00	TON
0390	01987	DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	18.00	EACH

MATERIAL SUMMARY

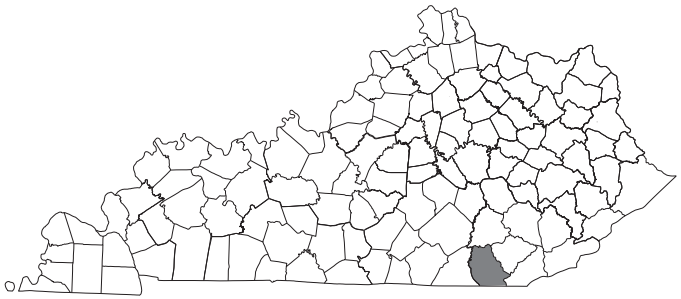
Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0395	02242	WATER	55.00	MGAL
0400	21802EN	G/R STEEL W BEAM-S FACE (7 FT POST)	1,790.00	LF
0405	02360	GUARDRAIL TERMINAL SECTION NO 1	4.00	EACH
0410	02367	GUARDRAIL END TREATMENT TYPE 1	2.00	EACH
0415	02381	REMOVE GUARDRAIL	1,790.00	LF
0420	02562	TEMPORARY SIGNS	81.00	SQFT
0425	02650	MAINTAIN & CONTROL TRAFFIC - (WHITLEY US 25W LEFT TURN LANE)	1.00	LS
0430	02671	PORTABLE CHANGEABLE MESSAGE SIGN	2.00	EACH
0435	02726	STAKING - (WHITLEY US 25W LEFT TURN LANE)	1.00	LS
0440	06406	SBM ALUM SHEET SIGNS .080 IN	9.00	SQFT
0445	06407	SBM ALUM SHEET SIGNS .125 IN	11.20	SQFT
0450	06410	STEEL POST TYPE 1	30.00	LF
0455	06427	TRENCHING	2,080.00	LF
0460	06510	PAVE STRIPING-TEMP PAINT-4 IN	18.00	LF
0465	06511	PAVE STRIPING-TEMP PAINT-6 IN	4,161.00	LF
0470	06514	PAVE STRIPING-PERM PAINT-4 IN	18.00	LF
0475	06542	PAVE STRIPING-THERMO-6 IN W	1,595.00	LF
0480	06543	PAVE STRIPING-THERMO-6 IN Y	2,570.00	LF
0485	06568	PAVE MARKING-THERMO STOP BAR-24IN	28.00	LF
0490	06573	PAVE MARKING-THERMO STR ARROW	1.00	EACH
0495	06574	PAVE MARKING-THERMO CURV ARROW	7.00	EACH
0500	10020NS	FUEL ADJUSTMENT	35,794.00	DOLL
0505	10030NS	ASPHALT ADJUSTMENT	91,632.00	DOLL
0510	20191ED	OBJECT MARKER TY 3	2.00	EACH
0515	24631EC	BARCODE SIGN INVENTORY	3.00	EACH
0520	02701	TEMP SILT FENCE	2,080.00	LF
0525	02704	SILT TRAP TYPE B	2.00	EACH
0530	02705	SILT TRAP TYPE C	2.00	EACH
0535	02707	CLEAN SILT TRAP TYPE B	2.00	EACH
0540	02708	CLEAN SILT TRAP TYPE C	2.00	EACH
0545	05963	INITIAL FERTILIZER	.10	TON
0550	05964	MAINTENANCE FERTILIZER	.10	TON
0555	05985	SEEDING AND PROTECTION	925.00	SQYD
0560	05992	AGRICULTURAL LIMESTONE	.57	TON
0565	02569	DEMOBILIZATION	1.00	LS

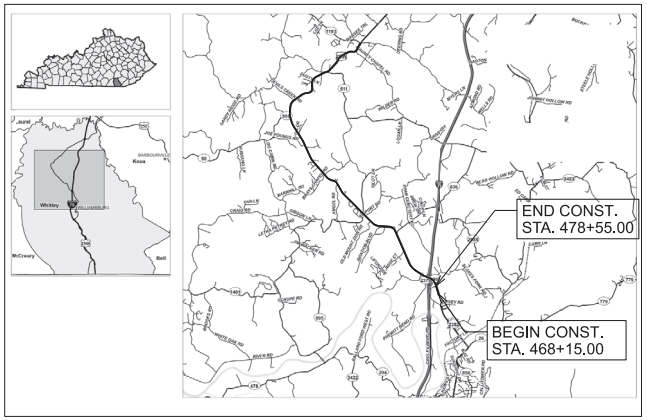
COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

PLANS OF
PROPOSED PROJECT
WHITLEY County

HSIP CORRIDOR - US 25W MP 15.7-15.9

KENTUCKY TRANSPORTATION CABINET





THIS PROJECT IS OFF THE NH SYSTEM

THE CONTROL OF ACCESS ON THIS PROJECT SHALL BE BY PERMIT

LAYOUT MAP

0' 10,000' 20,000' 40,000'

DESIGN CRITERIA

CLASS OF HIGHWAY	RURAL MAJOR COLLECTOR / RURAL MINOR ARTERIAL
TYPE OF TERRAIN	ROLLING
DESIGN SPEED	45 MPH
REQUIRED NPSD	360'
REQUIRED PSD	700'
LEVEL OF SERVICE	N/A
ADT PRESENT (2018)	9,450
ADT FUTURE (N/A)	N/A
DHV	N/A
D %	N/A
T %	3.7%

GEOGRAPHIC COORDINATES

LATITUDE 36 DEGREES 50 MINUTES 04 SECONDS NORTH
LONGITUDE 84 DEGREES 13 MINUTES 11 SECONDS WEST

DESIGNED

% RESTRICTED SD	N/A
LEVEL OF SERVICE	N/A
MAX. DISTANCE W/O PASSING	N/A

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
R001	LAYOUT SHEET
R002-R002A	TYPICAL SECTION SHEETS
R002B-R002D	SUMMARY SHEETS
R002E	GENERAL NOTES
R003	ROADWAY LEGEND & UTILITIES REFERENCE
R004-R005	PLAN & PROFILE SHEETS
R006	RIGHT-OF-WAY STRIP MAP
R007	COORDINATE CONTROL SHEET
R008-R009	EROSION CONTROL SHEETS
X001-X018	CROSS SECTION SHEETS

LENGTH 1,040 LIN. FT. 0.197 MILES	LENGTH ____ LIN. FT. ____ MILES	LENGTH ____ LIN. FT. ____ MILES	LENGTH ____ LIN. FT. ____ MILES
ADDED / DEDUCTED FOR EQUALITIES ____ LIN. FT.	ADDED / DEDUCTED FOR EQUALITIES ____ LIN. FT.	ADDED / DEDUCTED FOR EQUALITIES ____ LIN. FT.	ADDED / DEDUCTED FOR EQUALITIES ____ LIN. FT.
NOT INCLUDED	NOT INCLUDED	NOT INCLUDED	NOT INCLUDED
RAILROAD CROSSINGS NO. ____ LIN. FT.	RAILROAD CROSSINGS NO. ____ LIN. FT.	RAILROAD CROSSINGS NO. ____ LIN. FT.	RAILROAD CROSSINGS NO. ____ LIN. FT.
BRIDGES ____ LIN. FT.	BRIDGES ____ LIN. FT.	BRIDGES ____ LIN. FT.	BRIDGES ____ LIN. FT.

PROJECT NUMBER: HSIP 5152 004 / HSIP 5152 005

PROJECT DESCRIPTION: HSIP CORRIDOR - US 25W MP 15.7-15.9

RECOMMENDED BY: JUSTIN BALL, PROJECT MANAGER DATE:

PLAN APPROVED BY: STATE HIGHWAY ENGINEER DATE:

LETTING DATE: 2/24/2022
ITEM NO. 11-9012.00 COUNTY OF WHITLEY
SHEET NO. R001

OpenRoads Designer v10.14.4.4 USER: Keenan.Jones DATE PLOTTED: 9/7/2005 7:08:02 PM FILE NAME: C:\PWWORK\KENNAN.JONES\D2009997\LAYOUT SHEET.DGN

TYPICAL SECTIONS
US 25W (CUMBERLAND FALLS HIGHWAY)

LEFT TURN LANE

STA. 468+15.00 TO STA. 478+55.00

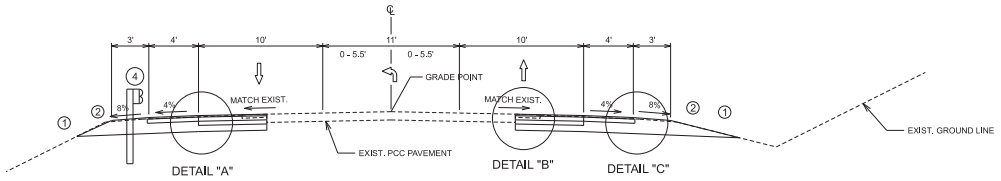
PAVEMENT DETAIL

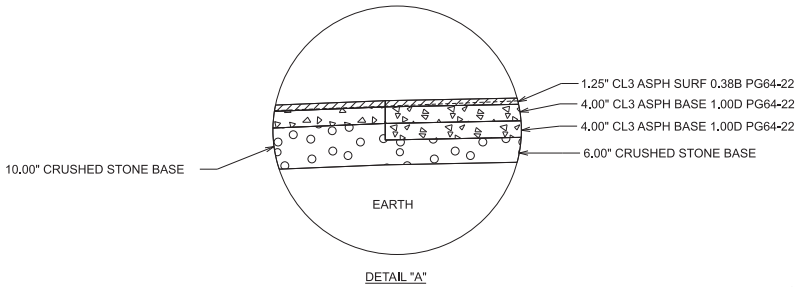
TRAFFIC LANES

CL3 ASPH SURF 0.38B PG64-22	1.25" DEPTH
CL3 ASPH BASE 1.00D PG64-22	4.00" DEPTH
CL3 ASPH BASE 1.00D PG64-22	4.00" DEPTH
CRUSHED STONE BASE	6.00" DEPTH

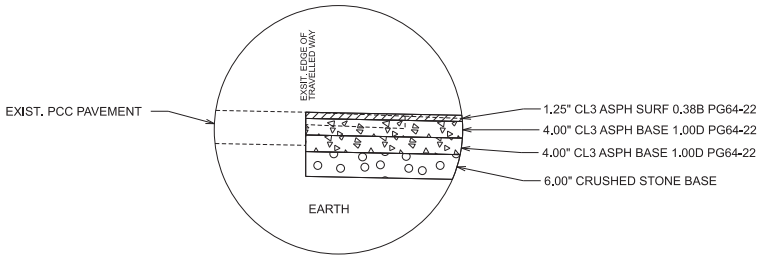
PAVED SHOULDERS

CL3 ASPH SURF 0.38B PG64-22	1.25" DEPTH
CL3 ASPH BASE 1.00D PG64-22	4.00" DEPTH
CRUSHED STONE BASE	10.00" DEPTH

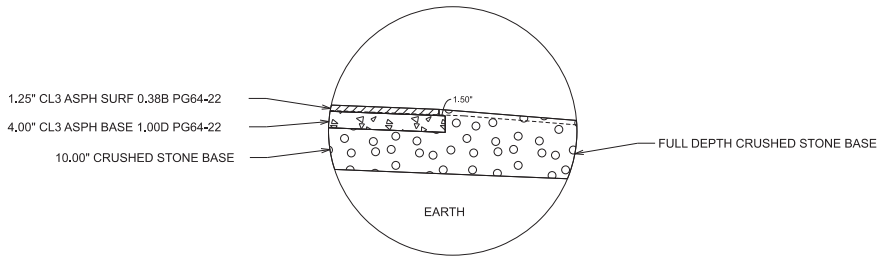




DETAIL "A"



DETAIL "B"



DETAIL "C"

NOTES:

1. SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE LIMITS OF THE SHOULDERS.
2. ASPHALT SEAL REQUIRED FROM THE OUTSIDE EDGE OF PAVED SHOULDERS TO A POINT 2 FEET DOWN THE DITCH OR FILL SLOPE. TWO APPLICATIONS OF THE FOLLOWING:

ASPHALT SEAL COAT	2.40 LBS. / SQYD
ASPHALT SEAL AGGREGATE	20 LBS. / SQYD (SIZE NO. 8 OR 9M)

3. DIMENSIONS AND SLOPES SHOULD BE CONSIDERED NOMINAL DUE TO VARIATIONS THROUGH THE CORRIDOR AND MAY BE ADJUSTED AS NECESSARY AT THE DISCRETION OF THE ENGINEER.
4. IN LIEU OF WIDENING USE 7' GUARDRAIL POSTS

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

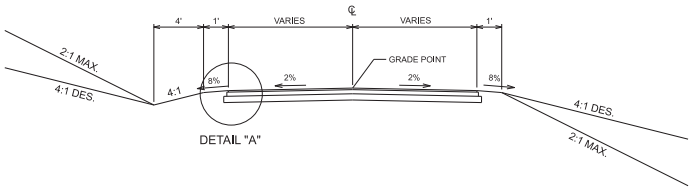
DRAWING TITLE: TYPICAL SECTIONS - US 25W

ITEM NO. 11-9012.00
COUNTY OF WHITLEY
SHEET NO. R002

OpenRoads Designer v10.16.0.80 USER: Keenan.Jones DATE PLOTTED: 9/7/2005 7:08:02 PM FILE NAME: C:\PWWORK\KENNAN.JONES\D2009997\TYPICAL SECTIONS.DGN

TYPICAL SECTIONS
ENTRANCES

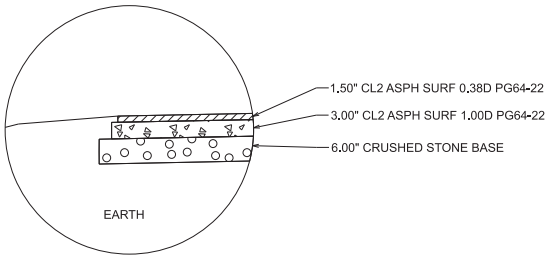
ENTRANCES



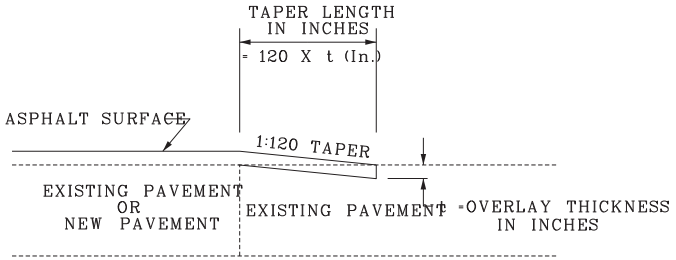
PAVEMENT DETAIL

TRAFFIC LANES

CL2 ASPH SURF 0.38D PG64-22	1.50" DEPTH
CL2 ASPH BASE 1.00D PG64-22	3.00" DEPTH
CRUSHED STONE BASE	6.00" DEPTH

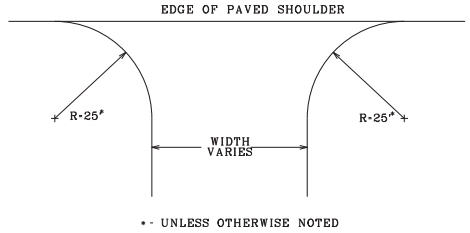


DETAIL "A"



EDGE KEY DETAIL

THIS WORK INCLUDES CUTTING OUT THE EXISTING ASPHALT PAVEMENT TO A MINIMUM DEPTH AND LENGTH AS DETAILED, SO THAT THE NEW SURFACE MAY HEEL INTO THE EXISTING SURFACE. THE CONTRACT UNIT PRICE BID PER LINEAR FOOT FOR "EDGE KEY" INCLUDES ALL NECESSARY MATERIALS, LABOR, AND EQUIPMENT NECESSARY TO PERFORM THE WORK AND DISPOSE OF THE ASPHALT MATERIAL REMOVED.



TYPICAL ENTRANCE LAYOUT

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

DRAWING TITLE: TYPICAL SECTIONS - ENTRANCES

ITEM NO. 11-9012.00 | COUNTY OF WHITLEY
SHEET NO. R002A

GENERAL SUMMARY

ITEM	DESCRIPTION	UNIT	US 25W
01987	DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	EACH	18
02242	WATER (A)	MGAL	55
02351	GUARDRAIL-STEEL W BEAM-S FACE	LF	1,790
02360	GUARDRAIL TERMINAL SECTION NO 1	EACH	4
02367	GUARDRAIL END TREATMENT TYPE 1	EACH	2
02381	REMOVE GUARDRAIL	LF	1,790
02562	TEMPORARY SIGNS	SQFT	81
02569	DEMOBILIZATION	LS	1
02650	MAINTAIN & CONTROL TRAFFIC	LS	1
02671	PORTABLE CHANGEABLE MESSAGE SIGN	EACH	2
02701	TEMP SILT FENCE	LF	2,080
02704	SILT TRAP TYPE B	EACH	2
02705	SILT TRAP TYPE C	EACH	2
02707	CLEAN SILT TRAP TYPE B	EACH	2
02708	CLEAN SILT TRAP TYPE C	EACH	2
02726	STAKING	LS	1
05963	INITIAL FERTILIZER	TON	0.1
05964	MAINTENANCE FERTILIZER	TON	0.1
05985	SEEDING AND PROTECTION	SQYD	925
05992	AGRICULTURAL LIMESTONE	TON	0.6
06406	SBM ALUM SHEET SIGNS 0.080 IN (C)	SQFT	9
06407	SBM ALUM SHEET SIGNS 0.125 IN (C)	SQFT	12
06410	STEEL POST TYPE 1 (C)	LF	30
06427	TRENCHING (B)	LF	2,080
06510	PAVE STRIPING-TEMP PAINT-4 IN	LF	18
06511	PAVE STRIPING-TEMP PAINT-6 IN	LF	4,161
06514	PAVE STRIPING-PERM PAINT-4 IN	LF	18
06542	PAVE STRIPING- THERMO-6 IN W	LF	1,595
06543	PAVE STRIPING- THERMO-6 IN Y	LF	2,570
06568	PAVE MARKING-THERMO STOP BAR-24 IN	LF	28
06573	PAVE MARKING-THERMO STR ARROW	EACH	1
06574	PAVE MARKING-THERMO CURVE ARROW	EACH	7
10020NS	FUEL ADJUSTMENT	DOLL	35,794
10030NS	ASPHALT ADJUSTMENT	DOLL	91,632
20191ED	OBJECT MARKER TY 3	EACH	2
24631EC	BARCODE SIGN INVENTORY	EACH	3

PAVING SUMMARY

ITEM	ITEM	UNIT	US 25W
00003	CRUSHED STONE BASE (1)	TON	1,489
00100	ASPHALT SEAL AGGREGATE (2)	TON	21
00103	ASPHALT SEAL COAT (3)	TON	2.5
00212	CL2 ASPH BASE 1.00D PG64-22	TON	39
00214	CL3 ASPH BASE 1.00D PG64-22	TON	629
00301	CL2 ASPH SURF 0.38D PG64-22	TON	20
00356	ASPHALT MATERIAL FOR TACK (4)	TON	1.3
22906ES403	CL3 ASPH SURF 0.38A PG64-22	TON	156

PAVING AREAS

ITEM	US 25W
	SQYD
6.00" CRUSHED STONE BASE	1,197
10.00" CRUSHED STONE BASE	925
ASPHALT SEAL AGGREGATE	1,018
ASPHALT SEAL COAT	1,018
3.00" CL2 ASPH BASE 1.00D PG64-22	231
4.00" CL3 ASPH BASE 1.00D PG64-22	2,856
1.50" CL2 ASPH SURF 0.38D PG64-22	231
1.50" CL2 ASPH SURF 0.38A PG64-22	1,890

PAVING SUMMARY NOTES

ALL ASPHALT MIXTURES SHALL BE ESTIMATED AT 110 LBS. PER SQ. YD. PER INCH OF DEPTH, UNLESS NOTED OTHERWISE.

(1) ESTIMATED AT 115 LBS. PER SQ. YD. PER INCH OF DEPTH.

(2) ESTIMATED AT 20 LBS. PER SQ. YD. (TWO APPLICATIONS).

(3) ESTIMATED AT 2.4 LBS. PER SQ. YD. (TWO APPLICATIONS).

(4) ESTIMATED AT 0.84 LBS. PER SQ. YD.

GENERAL SUMMARY NOTES

(A) FOR DUST CONTROL WHILE MAINTAINING TRAFFIC ONLY.

(B) TO BE USED AS NECESSARY AT THE DISCRETION OF THE ENGINEER FOR SHOULDER WIDENING.

(C) SEE SIGNING SUMMARY.

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

DRAWING TITLE: GENERAL & PAVING SUMMARY

ITEM NO. 11-9012.00 COUNTY OF WHITLEY

SHEET NO. R002B

OpenRoads Designer v10.16.0.80 USER: Keenan.Jones DATE PLOTTED: 9/7/2005 7:08:02 PM FILE NAME: C:\PWWORK\KENNAN.JONES\D2009997\SUMMARY SHEETS.DGN

SIGNING SUMMARY

APPROX. MP	SIDE OF ROAD	MUTCD CODE	SIGN DESCRIPTION	SIGN TEXT / REMARKS	DIMESNIONS (IN X IN)	TEXT / SYMBOL COLOR	BACKGROUND COLOR	SHEETING TYPE	SBM ALUM SHEET SIGNS 0.080 IN (SQFT)	SBM ALUM SHEET SIGNS 0.125 IN (SQFT)	STEEL POST TYPE 1 (LF)
15.76	NON CARDINAL LEFT	W14-3	NO PASSING ZONE		48 X 48 X 36	BLACK	YELLOW	XI		5.56	10
	CARDINAL LEFT	W14-3	NO PASSING ZONE		48 X 48 X 36	BLACK	YELLOW	XI		5.56	
15.89	CARDINAL RIGHT	W1-2L	LEFT CURVE		36 X 36	BLACK	FL YELLOW	XI	9		10
TOTAL SHEET									9	12	30

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

DRAWING TITLE: SIGNING SUMMARY SHEET

ITEM NO. 11-9012.00 COUNTY OF WHITLEY

SHEET NO. R002C

OpenRoads Designer v10.16.0.80 USER: Keenan.Jones DATE PLOTTED: 9/7/2005 7:08:02 PM FILE NAME: C:\PWWORK\KENNAN.JONES\D2009997\SUMMARY SHEETS.DGN

GUARDRAIL SUMMARY

LT. / RT.	APPROX. BEGIN MP	END TREATMENT	APPROX. END MP	END TREATMENT	GUARDRAIL STEEL W BEAM S FACE	GUARDRAIL TERMINAL SECTION NO 1	GUARDRAIL CONNECTOR TO BRIDGE END TY A	GUARDRAIL END TREATMENT TYPE 1	GUARDRAIL END TREATMENT TYPE 2A	GUARDRAIL END TREATMENT TYPE 7	GUARDRAIL END TREATMENT TYPE 3
ITEM CODE					02351	02360	02363	02367	02369	02371	02373
UNIT TO BID					LF	EACH	EACH	EACH	EACH	EACH	EACH
LT.	15.666	TY 1	15.845	TS 1	900	1		1			
LT.	15.852	TS 1	15.860	TS 1	25	2					
RT.	15.686	TY 1	15.859	TS 1	865	1		1			
TOTAL PROJECT Ⓐ					1,790	4		2			

NOTES

Ⓐ QUANTITIES CARRIED OVER TO GENERAL SUMMARY.

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

DRAWING TITLE:

ITEM NO. 11-9007.00 COUNTY OF WHITLEY
SHEET NO. R002D

GENERAL NOTES

N.G.S. (U.S.G.S.) BENCH MARKS

DO NOT DISTURB N.G.S. (U.S.G.S.) BENCH MARKS IN ANY MANNER UNLESS DIRECTED BY THE ENGINEER

BEFORE YOU DIG

CALL 1-800-752-6007 TOLL FREE WITH A MINIMUM OF TWO AND NO MORE THAN TEN BUSINESS DAYS PRIOR TO EXCAVATION FOR INFORMATION ON THE LOCATION OF EXISTING UNDER-GROUND UTILITIES WHICH SUBSCRIBE TO THE BEFORE-U-DIG (BUD) SERVICE. COORDINATE EXCAVATION WITH ALL UTILITIES OWNERS, INCLUDING THOSE WHO DO NOT SUBSCRIBE TO BUD. SHOW ALL UTILITIES AND A CONTACT PERSON FOR EACH COMPANY ON SHEET NO. R003 OF THE PLANS.

COMPACTION OF ASPHALT MIXTURES

WILL ACCEPT THE COMPACTION OF ASPHALT MIXTURES FURNISHED FOR DRIVING LANES AND RAMPS AT ONE INCH (25 MM) OR GREATER ON THIS PROJECT BY OPTION "A" ACCORDING TO SUBSECTIONS 402 AND 403 OF THE CURRENT STANDARD SPECIFICATIONS. USE JOINT CORES AS DESCRIBED IN SUBSECTION 402.03.02 FOR SURFACE MIXTURES ONLY. WILL ACCEPT THE COMPACTION OF ALL OTHER ASPHALT MIXTURES BY OPTION "B".

DEPARTMENT OF THE ARMY PERMIT AND WATER QUALITY CERTIFICATION APPROVALS

A DEPARTMENT OF THE ARMY (DA) PERMIT, WHICH MAY REQUIRE APPROVAL OF A STATE WATER QUALITY CERTIFICATION FROM THE KENTUCKY DIVISION OF WATER, REGULATES THIS PROJECT AT ONE OR MORE LOCATIONS. PERFORM ALL APPLICABLE WORK IN COMPLIANCE WITH THE CONDITIONS STATED IN THE DA PERMIT AND THE APPROVED WATER QUALITY CERTIFICATION. POST A COPY OF THE DA PERMIT AND WATER QUALITY CERTIFICATION IN A CONSPICUOUS PLACE AT THE POJECT SITE. IF A DA PERMIT OR WATER QUALITY CERTIFICATION APPROVAL IS PENDING, DO NOT WORK IN OR DISTURB THE DESIGNIATED AREA(S) UNTIL OBTAINING THE APPROPIATE APPROVAL(S). REFER TO NOTICE(S) CONTAINED IN THE CONTRACT BID PROPOSAL FOR DESIGNATED AREA(S) WHERE WORK IS PROHIBITED BY THE ABSENCE OF APPROVAL.

SPECIAL NOTES:

SPECIAL NOTE 1I FOR PORTABLE CHANGEABLE MESSAGE SIGNS

STANDARD DRAWINGS

STANDARD DRAWINGS ARE NOT ATTACHED TO THESE PLANS. A STANDARD DRAWING BOOK AND THE HEADWALL SUPPLEMENTAL BOOK MAY BE OBTAINED FROM THE POLICY SUPPORT BRANCH OF THE DEPARTMENT OF ADMINISTRATIVE SERVICES IN FRANKFORT, KY AT (502) 564-3670.

TRENCHING

TRENCH SHOULDERS AS SHOWN ON THE TYPICAL SECTION. RESHAPE AND COMPACT EXCAVATED MATERIAL FROM THE TRENCH ON THE OUTSIDE EDGE OF THE TRENCH AS SHOWN ON THE TYPICAL SECTION. RETAIN POSSESSION OF EXCESS MATERIALS AND MATERIALS THE ENGINEER DEEMS UNSUITABLE FOR REUSE. WASTE THE EXCESS AND/OR UNSUITABLE MATERIALS OFF THE RIGHT-OF-WAY AT SITES OBTAINED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE DEPARTMENT. SEE SPECIAL NOTE FOR WASTE AND BORROW.

THE DEPARTMENT WILL MEASURE "TRENCHING" IN LINEAR FEET AT THE PAVEMENT/SHOULDER EDGE. ACCEPT PAYMENT AT THE CONTRACT UNIT PRICE PER LINEAR FEET SHALL AS FULL COMPENSATION FOR ALL LABOR, MATERIALS, EQUIPMENT AND INCIDENTALS FOR EXCAVATING THE SHOULDER TRENCH AND REUSE AND/OR DISPOSAL OF THE MATERIAL.

Corporate Limits
County Line
Easement
Fence COA
Mineral Parcel
Property Line
Right of Way Line
All Overhead Utility Lines
Electric Line Underground
Electric Line Underground Duct
Gas Main
Sanitary Force Main
Telephone Underground Cable
Telephone Underground Duct
Fiber Optic Cable
Television Line Underground
Water Main
Storm Sewer
Cable Guardrail
Ditch
Edge of Water
Fence Hedge
Fence
Flow Line/Thalweg/ Int. Stream or Ditch
Guardrail
Railroad
Shrub Line
Sink Hole
Tree Line
Wall (WSM or DSM)
Blue Line Stream
Lakes and Ponds
Regulated Floodway
RDZ Line

ADA Ramp
Anchor Pole
Benchmark
Bike Lane Symbol
Bollard •BOLLARD
Centerline
Centerline Stationing
Control Monument
Control Point
Core Hole CORE
Crash Cushion TY 6 D
Crash Cushion TY 6 A
Crash Cushion TY 9A
Crash Cushion TY 9
Cross Notch •NOTCH
Curb Box Inlet
Curb Notch •NOTCH
Combination Pole
Deflneator Post •DP
Drop Box
Existing Spring
Electric Manhole EMH
Electric Meter EM
Electric Pedestal ELEC PED
Electric Pole
Electric Junction Box EL JB
Fire Hydrant
Flag Pole •FP
Force Main Sewer Valve
Fuel Tank Inlet FTI
Fuel Tank Vent FTV
Gasline Marker GLM
Gas Meter GM
Gas Monitoring Well GMW
Gas Valve GV GV
Gas Vent GVE
Gas Well GW
Guidewires & Anchors

Headstone HEAD STONE
Interstate Shield
Iron Pin •IP
Light Pole
Low Wire
Mag Nail •MAG
Mailbox
Manhole MH EMH
Mile Marker Post •MP
Mineral Parcel M 000
Misc Location Point
Monitoring Well MW
Parking Meter •PM
Pedestrian Signal PED SIG
Pins/Pipes •IP
PK Nail •PK
Point (Misc) –
Pole
Pole (Light)
Post •POST
Power Pole
Quarry
Random (Ground Shot)
Railroad Mile Marker •RRMM
Railroad Spike •RRS
Right of Way Marker
Right of Way Monument
RR Traffic Signal Pole
RW Parcel P 000
Sanitary Cleanout SANCO
Sanitary Manhole SANMH SANMH
Satelite Dish SD
Septic Tank Cleanout STC
Service Pole •SP
Sewer Air Release Valve
Shrub
Sign •SIGN
Sign Post (Single)
Sign with 2 posts

Sign group (4)
Station Stamp STATION STAMP
Storm Manhole SSMH
Stub Power
Stub Telephone
Survey Cross Notch •CN
Survey Curb Notch •NOTCH
Survey Nail •MAG
Survey Spike •RRS
Survey Stone Marker •STONE
Swamp
Telephone Booth TB
Telephone Junction Box TEL JB
Telephone Line Overhead
Telephone Manhole TMH TMH
Telephone Pedestal TEL PED
Telephone Pole
Temporary Benchmark
Traffic Light
Traffic Signal Control Box TSCB
Traffic Signal Junction Box TSJB
Traffic Signal Pole
Traverse Point •TRAV
Tree
TV Junction Box TV JB
Utility Pole
Underground Storage Tank UST
Utility Test Hole TH
Water Line Marker WLM
Water Meter WM
Water Spigot WS
Water Valve WV WV
Water Well WW
Yard Light
Yard Sprinkler YS
Yard Sprinkler Water Valve YSWV

Utility Owners

AT&T
29 WILLS BRANCH ROAD
PRESTONSBURG, KY 41653
CONTACT: JACK SAYLER
(606) 874-2715
JS2299@ATT.COM

CHARTER
201 W. CHESTER AVENUE
MIDDLESBORO, KY 40965
CONTACT: PHILLIP AKERS
(606) 431-3131
PHILLIP.AKERS@CHARTER.COM
CONTACT: WILLIAM CLARK
WILLIAM.CLARK2@CHARTER.COM

CUMBERLAND FALLS HIGHWAY WATER DISTRICT
6926 CUMBERLAND FALLS HIGHWAY
CORBIN, KY 40741
CONTACT: MIKE BAIRD
(606) 528-0222

DELTA NATURAL GAS COMPANY
3617 LEXINGTON ROAD
WINCHESTER, KY 40391
CONTACT: ROB NELLIPOWITZ
(859) 744-6171 EXT. 1167
RNELLIPOWITZ@DELTAGAS.COM

CVRECC
6219 N US25E
GRAY, KY 40734
CONTACT: MARK ABNER
(606) 546-9295
MARK.ABNER@CUMBERLANDVALLEY.COOP

WHITLEY COUNTY WATER DISTRICT
19 S. HIGHWAY US 25W
WILLIAMSBURG, KY 40769
(606) 549-3600
WCWD@BELLSOUTH.NET

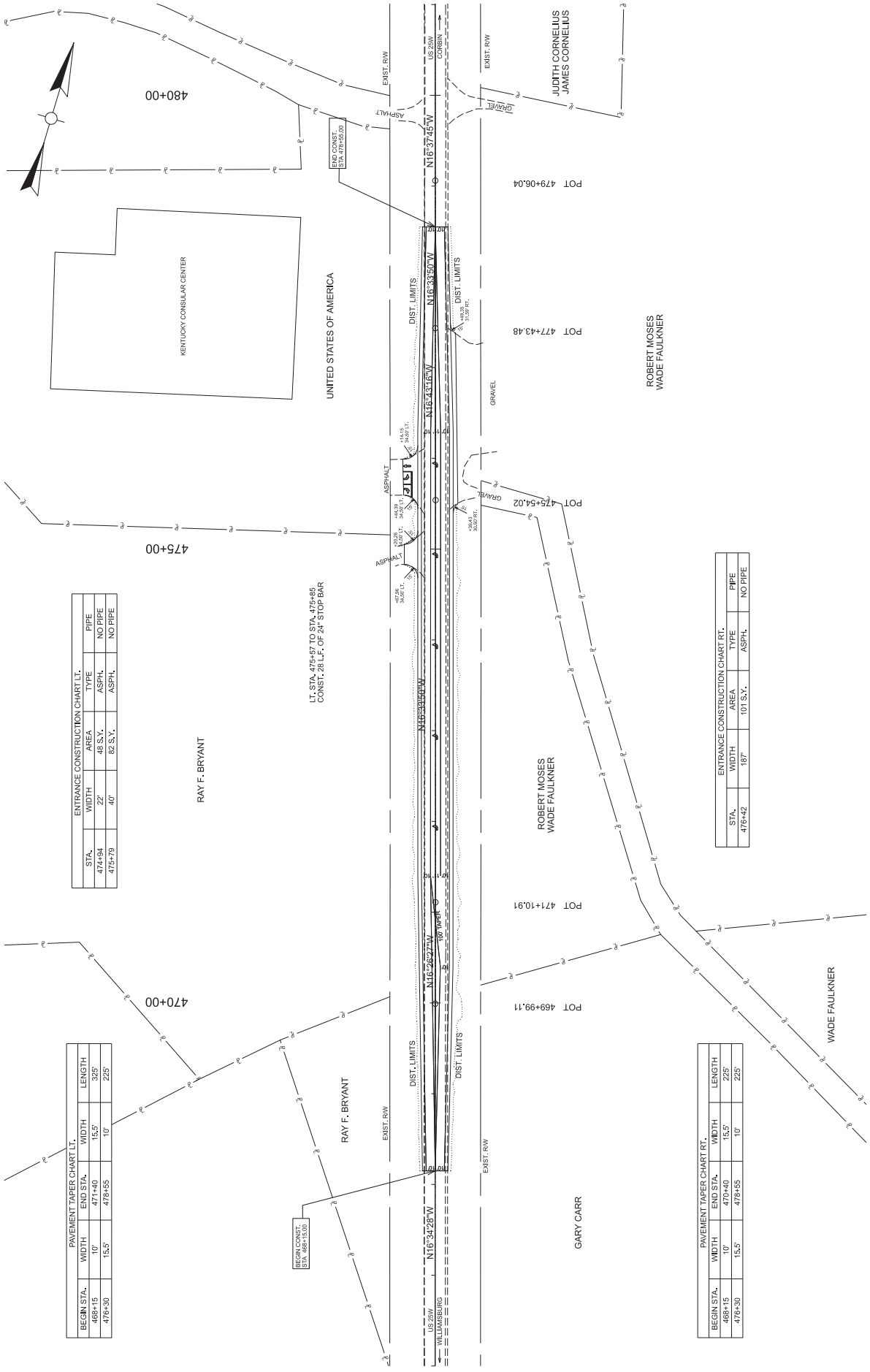
WINDSTREAM
CONTACT: BRYAN REED
(606) 309-8438
BRYAN.REED@WINDSTREAM.COM
CONTACT: TOMMY LEWIS
(606) 309-2279
TOMMY.LEWIS@WINDSTREAM.COM

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

DRAWING TITLE: ROADWAY LEGEND & UTILITY REFERENCE

ITEM NO. 11-9012.00
COUNTY OF WHITLEY
SHEET NO. R003

OpenRoads Designer v10.16.0.80 USER: justin.ball DATE PLOTTED: 9/7/2005 7:08:02 PM FILE NAME: C:\PWWORK\KENNAN.JONES\D2009997\ROADWAY LEGEND & UTILITY REFERENCE.DGN



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

DRAWING TITLE: PLAN SHEET - SPOT 1

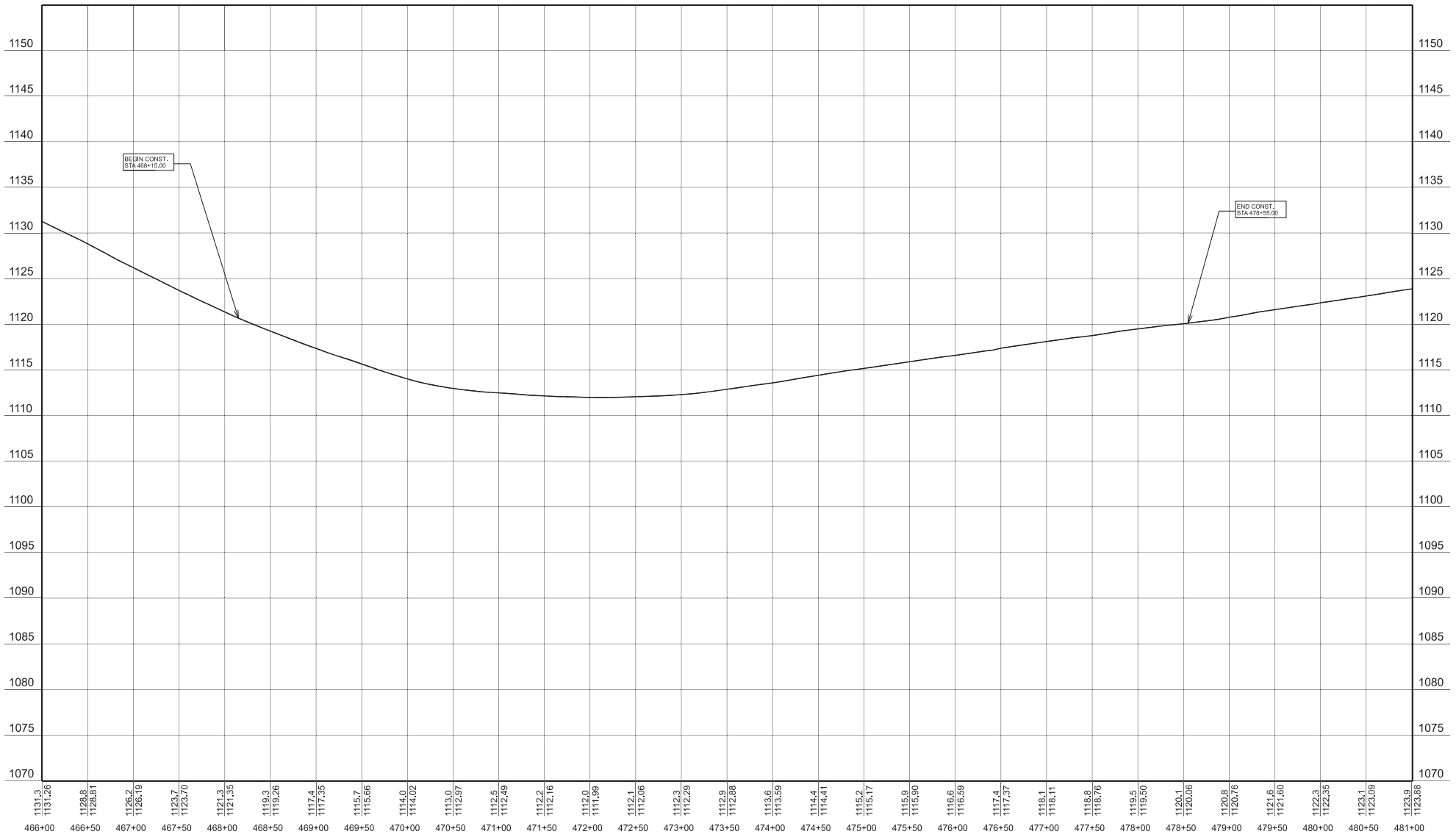
HORIZONTAL SCALE
SCALE: 1" = 50'

ITEM NO. 11-9012.00 COUNTY OF WHITLEY
SHEET NO. R004

STA 468+15 TO 478+55

USER: Keenan.Jones
DATE PLOTTED: 9/7/2005 7:08:02 PM
FILE NAME: C:\PW\WORK\KENNAN.JONES\D2009997\PLAN & PROFILE SHEETS - SPOT 1.DGN
OpenRoads Designer v10.16.0.80

NOTE: PROFILE IS SPLINE GRADED



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

DRAWING TITLE: PROFILE - US 25W

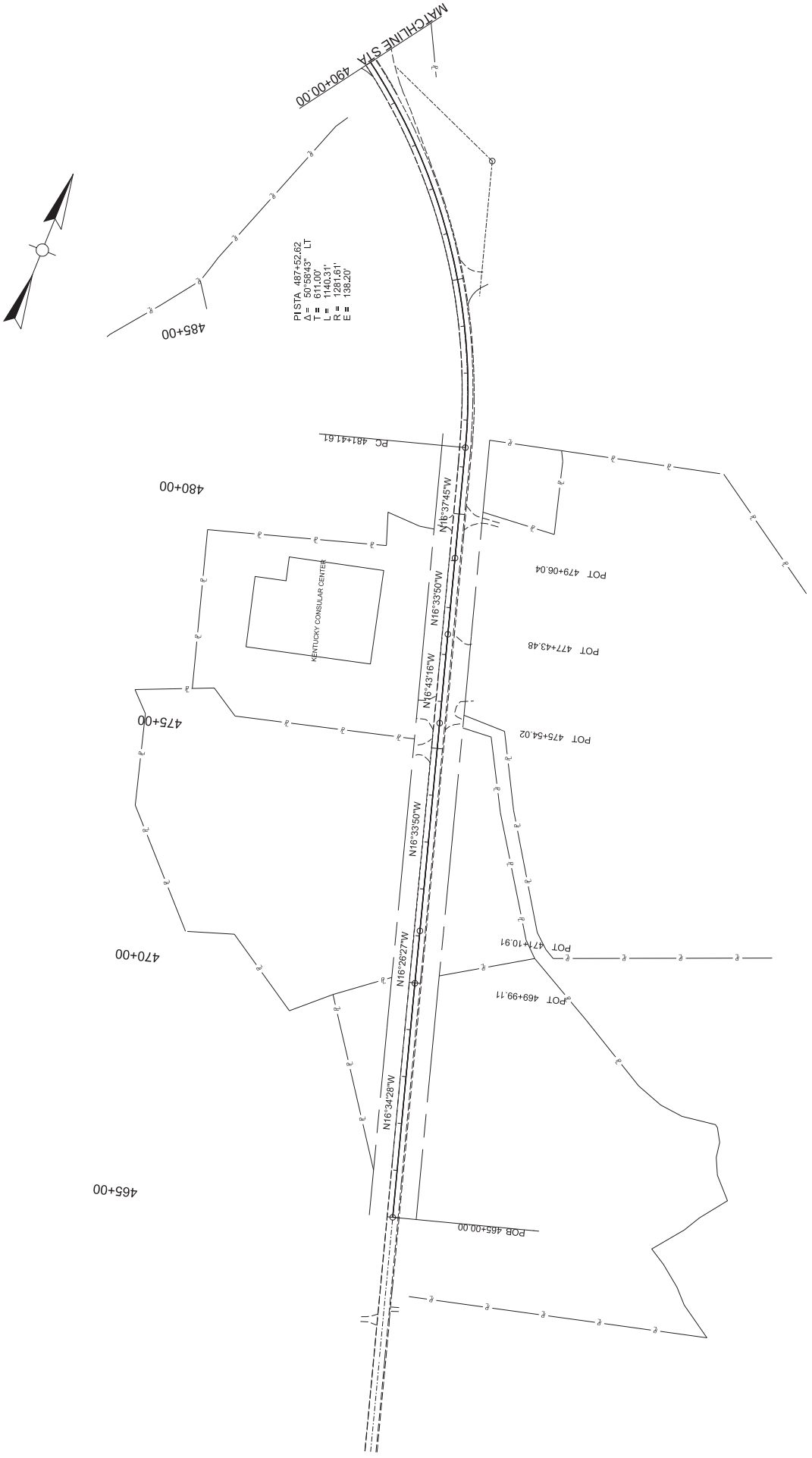
0' 50' 100' 200'
HORIZONTAL SCALE: 1"=50'

0' 5' 10' 20'
VERTICAL SCALE: 1"=5'

STA 468+15 TO 478+55

ITEM NO. 11-9012.00
COUNTY OF WHITLEY
SHEET NO. R005

OpenRoads Designer v10.16.0.80 USER: Keenan.Jones DATE PLOTTED: 9/7/2005 7:08:02 PM FILE NAME: C:\PWWORK\KENNAN.JONES\D2009997\PLAN & PROFILE SHEETS - SPOT 1.DGN



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

DRAWING TITLE: ROW STRIP MAP

STA. 465+00 TO STA. 490+00

HORIZONTAL SCALE
SCALE: 1" = 100'

0' 100' 200' 400'

ITEM NO. 11-9072.00 COUNTY OF WHITLEY
SHEET NO. R006

USER: Keenan.Jones
DATE PLOTTED: 9/7/2005 7:08:02 PM
FILE NAME: C:\PW\WORK\KENNAN.JONES\D2009997\ROW STRIP MAP.DGN

OpenRoads Designer v10.16.0.80

CENTERLINE COORDINATE DATA - US 25W			
POINT	STATION	STATE PLANE COORDINATES	
		NORTHING	EASTING
POB	465+00.00	3,449,565.72	5,385,455.12
PI	469+99.11	3,450,044.09	5,385,312.75
PI	471+10.91	3,450,151.32	5,385,281.10
PI	475+54.02	3,450,576.04	5,385,154.78
PI	477+43.48	3,450,757.49	5,385,100.27
PI	479+06.04	3,450,913.30	5,385,053.93
PC	481+41.61	3,451,139.03	5,384,986.51
PI	487+52.62	3,451,724.47	5,384,811.66
PT	492+81.92	3,451,957.23	5,384,246.72
PI	497+09.48	3,452,120.11	5,383,851.41
PT	500+00.00	3,452,230.32	5,383,582.60
PC	501+15.38	3,452,275.18	5,383,476.29
PI	502+53.90	3,452,329.03	5,383,348.68
PT	503+91.70	3,452,404.33	5,383,232.41
PI	504+65.13	3,452,444.25	5,383,170.79
PI	507+37.71	3,452,596.94	5,382,944.98
PI	508+37.43	3,452,653.15	5,382,862.61
PI	510+91.88	3,452,795.65	5,382,651.81
PI	512+04.81	3,452,858.80	5,382,558.20
PI	513+66.75	3,452,949.53	5,382,424.06
PI	514+74.34	3,453,009.69	5,382,334.85
PI	516+87.21	3,453,129.47	5,382,158.88
PC	517+18.71	3,453,147.70	5,382,133.19
PI	519+62.02	3,453,288.48	5,381,934.75
PCC	522+03.59	3,453,467.01	5,381,769.45
PI	524+23.39	3,453,628.29	5,381,620.11
PCC	526+41.66	3,453,816.47	5,381,506.55
PI	527+76.47	3,453,931.89	5,381,436.89
PT	529+10.98	3,454,054.54	5,381,380.92
PI	529+47.99	3,454,088.21	5,381,365.56
PI	536+60.10	3,454,740.77	5,381,080.51
PI	540+28.37	3,455,078.78	5,380,934.29
PI	543+24.52	3,455,350.81	5,380,817.25
PI	556+08.29	3,456,527.79	5,380,304.61
PI	559+50.66	3,456,842.25	5,380,169.22
PI	571+98.93	3,457,986.83	5,379,671.11
PI	574+94.97	3,458,258.62	5,379,553.76
PC	577+08.81	3,458,454.45	5,379,467.88
PI	582+87.10	3,458,984.05	5,379,235.61
PT	587+49.10	3,459,024.53	5,378,658.74
PI	592+52.06	3,459,059.75	5,378,157.02
PI	599+53.75	3,459,107.00	5,377,456.93
PI	600+86.76	3,459,115.99	5,377,324.22
PC	601+64.52	3,459,122.98	5,377,246.78

CONTROL POINTS						
CP	DESCRIPTION	STATION	OFFSET	STATE PLANE COORDINATES		
				NORTHING	EASTING	ELEVATION
1	IRON PIN & CAP	949+22.54	36.43' LT.	3,483,885.089	5,374,588.507	1,151.584
2	IRON PIN & CAP	888+87.58	34.58' RT.	3,480,135.938	5,370,276.403	1,278.391
3	MAGNAIL	805+43.83	32.33' LT.	3,474,717.811	5,365,078.277	1,249.776
4	MAGNAIL	770+13.25	72.24' LT.	3,471,462.091	5,366,336.641	1,153.605
5	IRON PIN & CAP	724+96.77	22.56' LT.	3,467,557.062	5,368,561.106	1,128.255
6	MAGNAIL	681+90.53	28.75' LT.	3,464,702.948	5,371,633.675	1,209.003
7	IRON PIN & CAP	589+05.25	24.26' LT.	3,459,011.265	5,378,501.278	1,171.735

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

KENTUCKY TRANSPORTATION CABINET

DRAWING TITLE: COORDINATE CONTROL SHEET

ITEM NO. 11-9012.00
COUNTY OF WHITLEY
SHEET NO. R007

EROSION CONTROL NOTES

ALL SILT CONTROL DEVICES SHALL BE SIZED TO RETAIN A VOLUME OF 3,600 CUBIC FEET PER DISTURBED CONTRIBUTING ACRE.

THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS TO MINIMIZE THE AMOUNT OF DISTURBED GROUND DURING EACH PHASE OF CONSTRUCTION. THE CONTRACTOR SHALL COMPUTE THE VOLUME NECESSARY TO CONTROL SEDIMENT DURING EACH PHASE OF CONSTRUCTION. AS WORK PROCEEDS, SILT TRAPS MAY BE ADDED OR REMOVED IN ORDER TO ACHIEVE THE BEST MANAGEMENT PLAN. THE REQUIRED VOLUME AT EACH ADDED SILT TRAP SHALL BE COMPUTED AS UP GRADIENT CONTRIBUTING AREAS ARE DISTURBED OR ARE STABILIZED TO THE SATISFACTION OF THE ENGINEER. THE REQUIRED VOLUME CALCULATION FOR EACH SILT TRAP SHALL BE DETERMINED BY THE CONTRACTOR AND VERIFIED BY THE ENGINEER. THE REQUIRED VOLUME AT EACH SILT TRAP MAY BE REDUCED BY THE FOLLOWING AMOUNTS:

- UP GRADIENT AREAS NOT DISTURBED (ACRES).
- UP GRADIENT AREAS THAT HAVE BEEN RECLAIMED AND PROTECTED BY EROSION CONTROL BLANKET OR OTHER GROUND PROTECTION MATERIAL SUCH AS TEMPORARY MULCH.(ACRES).
- THE USE OF TEMPORARY MULCH IS ENCOURAGED.
- UP GRADIENT AREAS THAT HAVE BEEN PROTECTED BY SILT FENCE (ACRES). AREAS PROTECTED BY SILT FENCE SHALL BE COMPUTED AT A MAXIMUM RATE OF 100 SQUARE FOOT PER LINEAR FOOT OF SILT FENCE.
- UP GRADIENT AREAS THAT HAVE BEEN PROTECTED BY SILT TRAPS (ACRES).

THE EROSION CONTROL PLAN SHALL BE ANNOTATED AS THE WORK PROCEEDS BY THE CONTRACTOR TO DETAIL THE SELECTION OF EACH EROSION CONTROL DEVICE USED AND THE VOLUME PROVIDED BY EACH SILT TRAP IN ACCORDANCE WITH THE DOCUMENTATION PROCEDURES ESTABLISHED BY THE DIVISION OF CONSTRUCTION.

IF A SILT BASIN IS NOT USED THEN ONE SILT TRAP TYPE A, ALTERNATE NUMBER 2 OR SILT TRAP TYPE B SHALL ALWAYS BE PLACED AT THE MOST REMOTE DOWNSTREAM COLLECTION POINT PRIOR TO DISCHARGING INTO A BLUE LINE STREAM OR ONTO AN ADJACENT PROPERTY OWNER. WHERE OVERLAND FLOW EXIST, A SILT FENCE OR OTHER FILTER DEVICES MAY BE USED OR THE OVERLAND FLOW MAY BE DIVERTED TO ONE OF THE AFOREMENTED SILT BASIN OR TRAPS.

THE EROSION CONTROL PLANS DO NOT CONSTITUTE A BMP BY THEMSELVES. THEY PROVIDE A STARTING POINT FOR THE CONTRACTOR AND SECTION ENGINEER TO DEVELOP THE BMP ACCORDING TO SECTION 213.03.01 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AND THE SUPPLEMENTAL SPECS EFFECTIVE WITH THE OCTOBER, 2004 LETTING.

EROSION CONTROL MEASURES SHALL BE IN PLACE AND FUNCTIONING PRIOR TO ANY EXCAVATION OR DISTURBANCE WITHIN A DRAINAGE AREA.

THE CONTRACTOR SHALL BE REQUIRED TO CLEAN OUT (REMOVE SEDIMENT FROM) SILT TRAPS AND SILT FENCES WHENEVER THEY BECOME ONE- HALF FULL AND PROPERLY DISPOSE OF THE MATERIAL AT SITES APPROVED BY THE SECTION ENGINEER.

EROSION CONTROL MEASURES EMPLOYED BY THE CONTRACTOR WILL BE UNIQUE TO THE PROJECT AND WORK CONDITIONS AND SHALL BE APPROVED BY THE SECTION ENGINEER. THE DEVELOPMENT AND UTILIZATION OF THESE MEASURES WILL BE RECORDED AS PART OF THE BMP, KEPT ON SITE, AND AVAILABLE FOR PUBLIC INSPECTION.

EROSION CONTROL LEGEND

- SILT TRAP TYPE A ALTERNATE 1 — [A]
- SILT TRAP TYPE A ALTERNATE 2
- SILT TRAP TYPE B
- SILT TRAP TYPE C
- SILT FENCE — SF —
- TEMPORARY SILT DITCH
- DISTURBED DRAINAGE AREA
- OVERLAND SHEET FLOW
- PROPOSED R/W
- PROPOSED EASEMENT

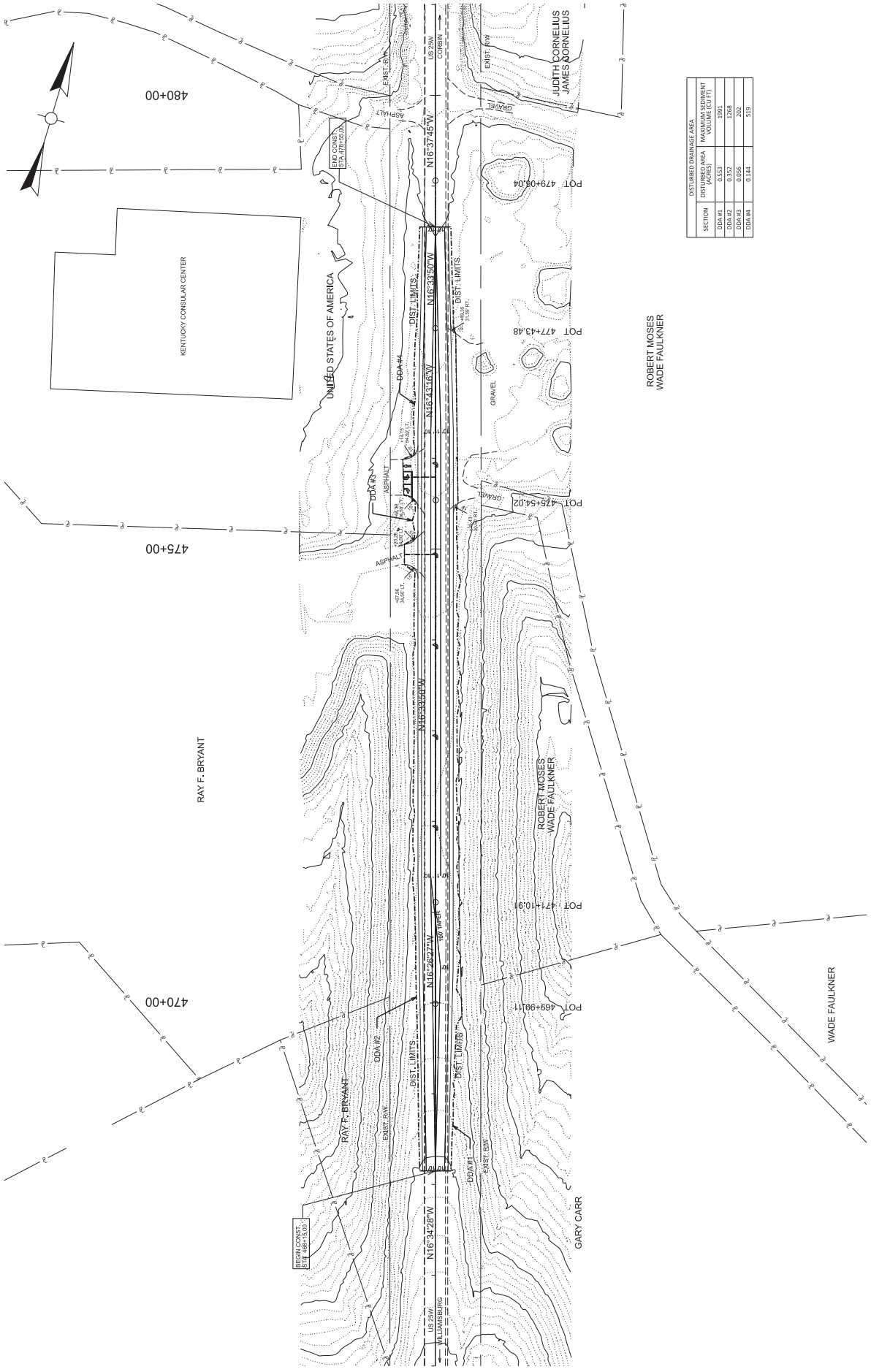
COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

DRAWING TITLE: EROSION CONTROL NOTES

ITEM NO. 11-9012.00 COUNTY OF WHITLEY

SHEET NO. R008

OpenRoads Designer v10.16.0.80 USER: justin.ball DATE PLOTTED: 9/7/2005 7:08:02 PM FILE NAME: C:\PWWORK\KENNAN.JONES\D2009997\EROSION CONTROL NOTES.DGN



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

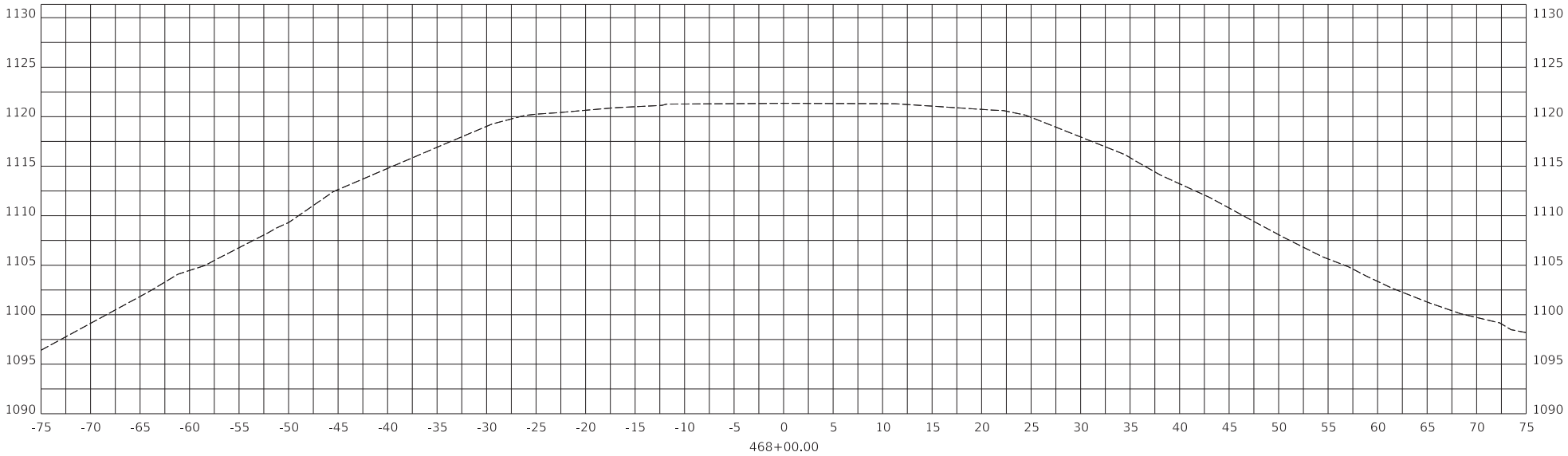
DRAWING TITLE: EROSION CONTROL SHEET - SPOT 1

HORIZONTAL SCALE
SCALE: 1" = 50'

ITEM NO. 11-9012.00 COUNTY OF WHITLEY
SHEET NO. R009

STA 468+15 TO 478+55

FILE NAME: C:\PW\WORK\KENNAN.JONES\D2009997\EROSION CONTROL SHEET - SPOT 1.DGN
USER: Kenan.Jones
DATE PLOTTED: 9/7/2005 7:08:02 PM
OpenRoads Designer v10.16.0.80



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

DRAWING TITLE: CROSS SECTIONS - US 25W

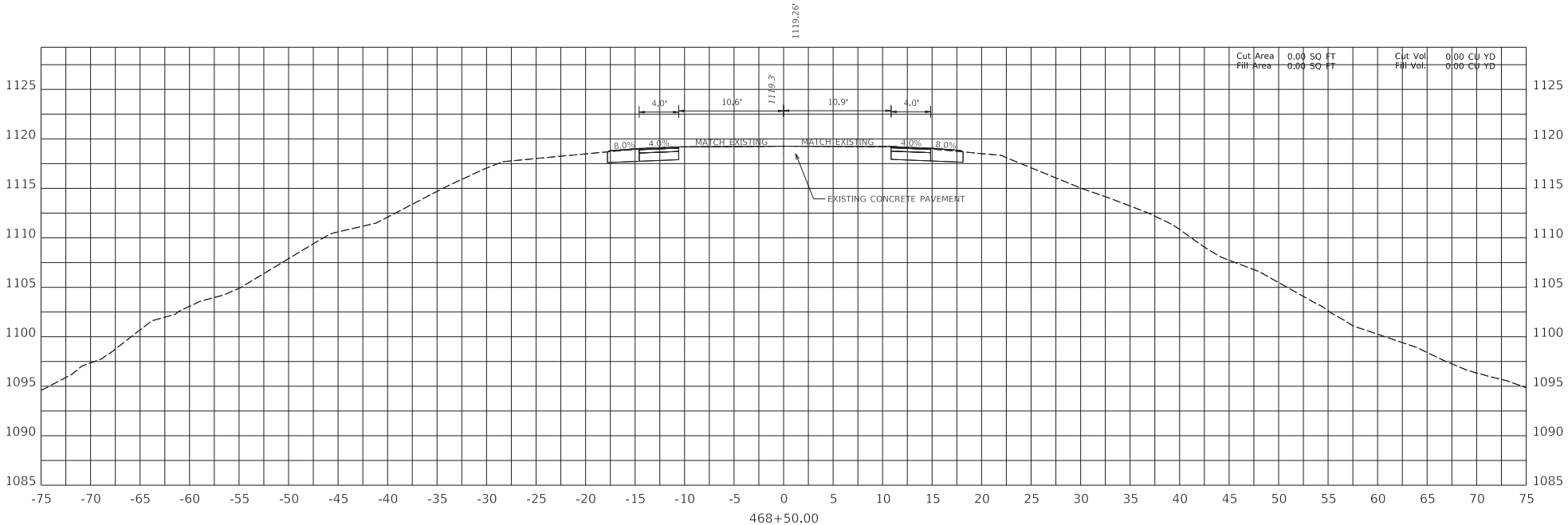
HORIZONTAL SCALE
SCALE: 1" = 5'

0' 5' 10' 20'

STA 468+00

ITEM NO. 11-9012.00
COUNTY OF WHITLEY
SHEET NO. X001

OpenRoads Designer v10.14.4.4 USER: justin.ball DATE PLOTTED: 9/7/2005 7:08:02 PM FILE NAME: C:\PWWORK\JUSTIN.BALL\D1965284\PLAN & PROFILE SHEETS - SPOT 1.DGN



STA. 468+15.00
BEGIN CONSTRUCTION
MATCH EXISTING

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

DRAWING TITLE: CROSS SECTIONS - US 25W

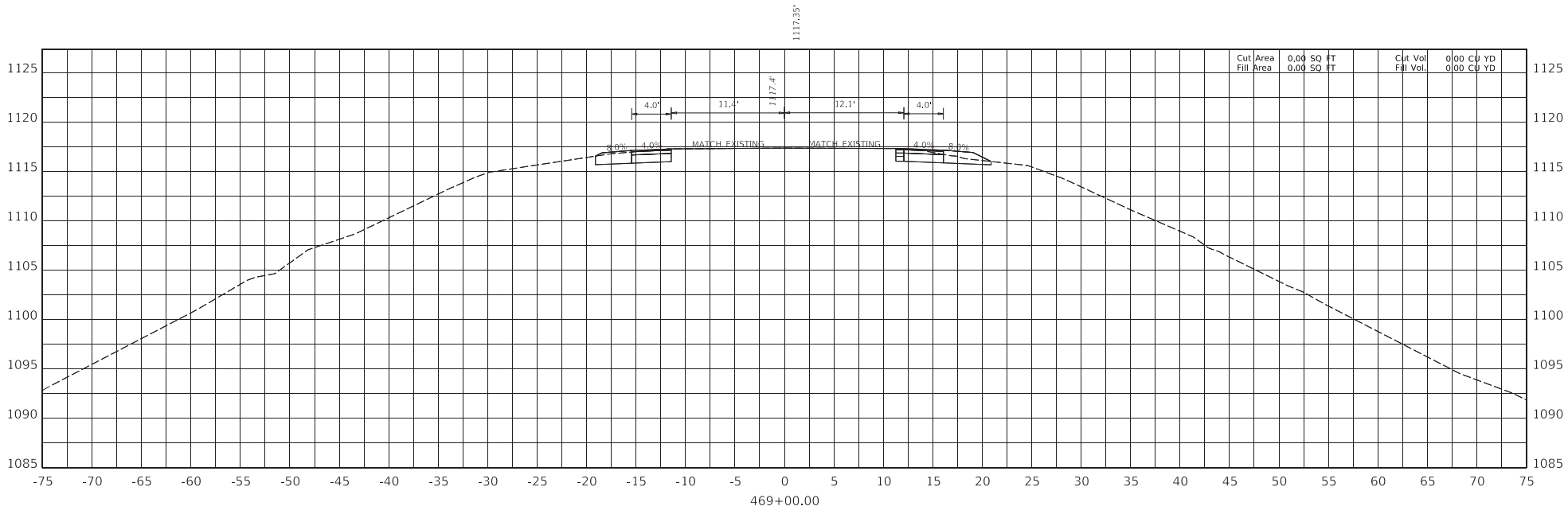
HORIZONTAL SCALE
SCALE: 1" = 5'

0' 5' 10' 20'

STA 468+50

ITEM NO. 11-9012.00
COUNTY OF WHITLEY
SHEET NO. X002

OpenRoads Designer v10.14.4.4 USER: justin.ball DATE PLOTTED: 9/7/2005 7:08:02 PM FILE NAME: C:\PWWORK\JUSTIN.BALL\D1965284\PLAN & PROFILE SHEETS - SPOT 1.DGN



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

DRAWING TITLE: CROSS SECTIONS - US 25W

HORIZONTAL SCALE
SCALE: 1" = 5'

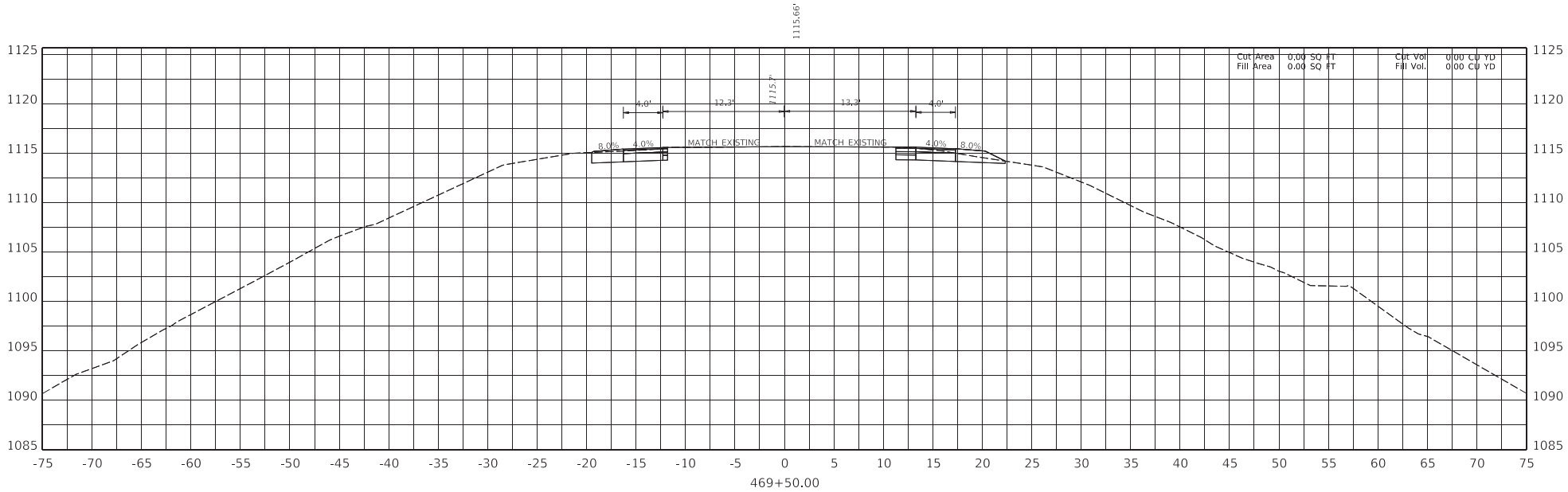
0' 5' 10' 20'

STA 469+00

ITEM NO. 11-9012.00 COUNTY OF WHITLEY

SHEET NO. X003

OpenRoads Designer v10.14.4.4 USER: justin.ball DATE PLOTTED: 9/7/2005 7:08:02 PM FILE NAME: C:\PWWORK\JUSTIN.BALL\D1965284\PLAN & PROFILE SHEETS - SPOT 1.DGN



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

DRAWING TITLE: CROSS SECTIONS - US 25W

HORIZONTAL SCALE
SCALE: 1" = 5'

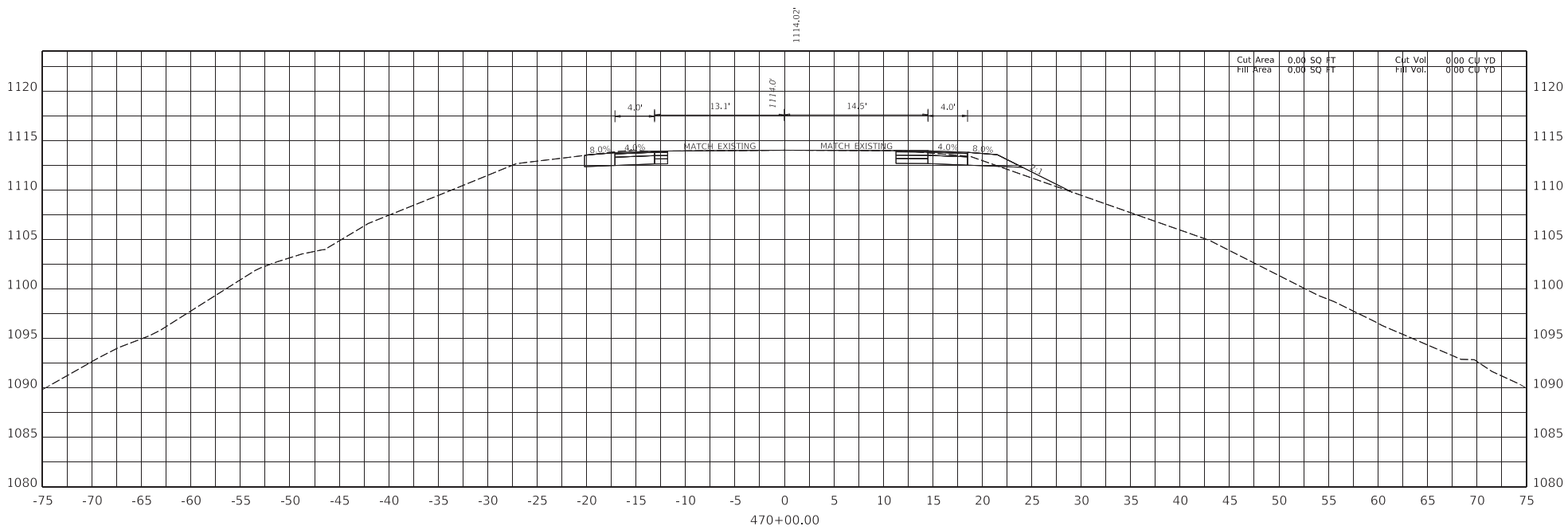
0' 5' 10' 20'

STA 469+50

ITEM NO. 11-9012.00 COUNTY OF WHITLEY

SHEET NO. X004

OpenRoads Designer v10.14.4.4 USER: justin.ball DATE PLOTTED: 9/7/2005 7:08:02 PM FILE NAME: C:\PWWORK\JUSTIN.BALL\D1965284\PLAN & PROFILE SHEETS - SPOT 1.DGN



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

DRAWING TITLE: CROSS SECTIONS - US 25W

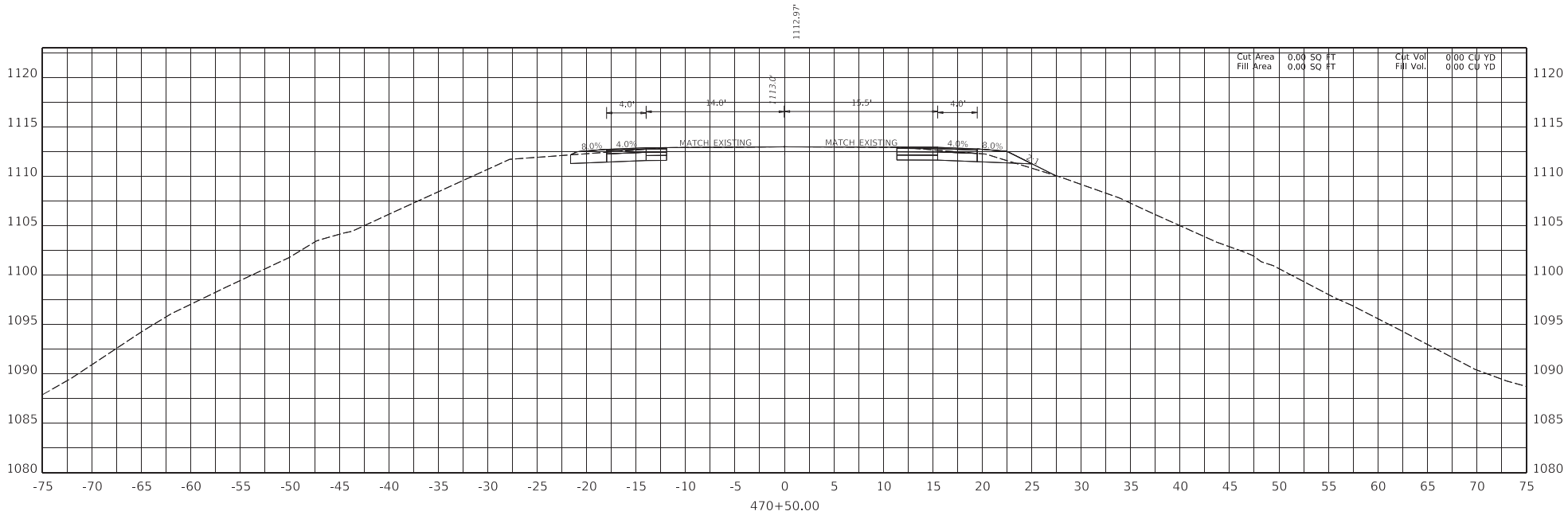
HORIZONTAL SCALE
SCALE: 1" = 5'

0' 5' 10' 20'

STA 470+00

ITEM NO. 11-9012.00
COUNTY OF WHITLEY
SHEET NO. X005

OpenRoads Designer v10.14.4.4 USER: justin.ball DATE PLOTTED: 9/7/2005 7:08:02 PM FILE NAME: C:\PWWORK\JUSTIN.BALL\D1965284\PLAN & PROFILE SHEETS - SPOT 1.DGN



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

DRAWING TITLE: CROSS SECTIONS - US 25W

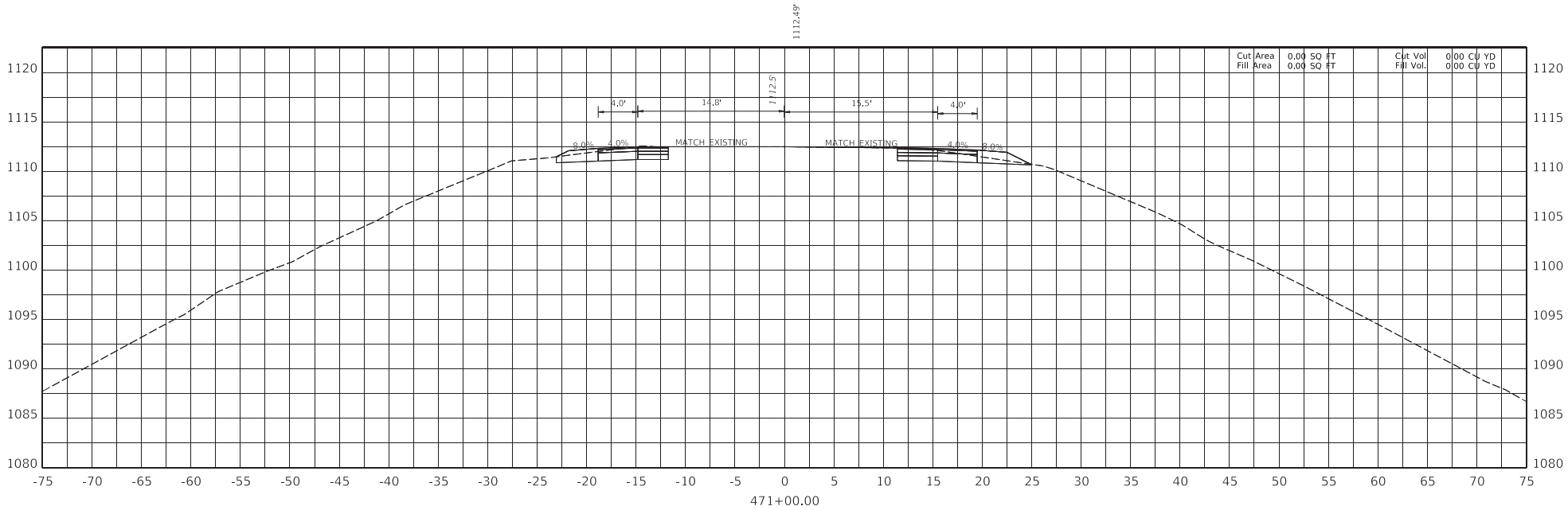
HORIZONTAL SCALE
SCALE: 1" = 5'

0' 5' 10' 20'

STA 470+50

ITEM NO. 11-9012.00
COUNTY OF WHITLEY
SHEET NO. X006

OpenRoads Designer v10.14.4.4 USER: justin.ball DATE PLOTTED: 9/7/2005 7:08:02 PM FILE NAME: C:\PWWORK\JUSTIN.BALL\D1965284\PLAN & PROFILE SHEETS - SPOT 1.DGN



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

DRAWING TITLE: CROSS SECTIONS - US 25W

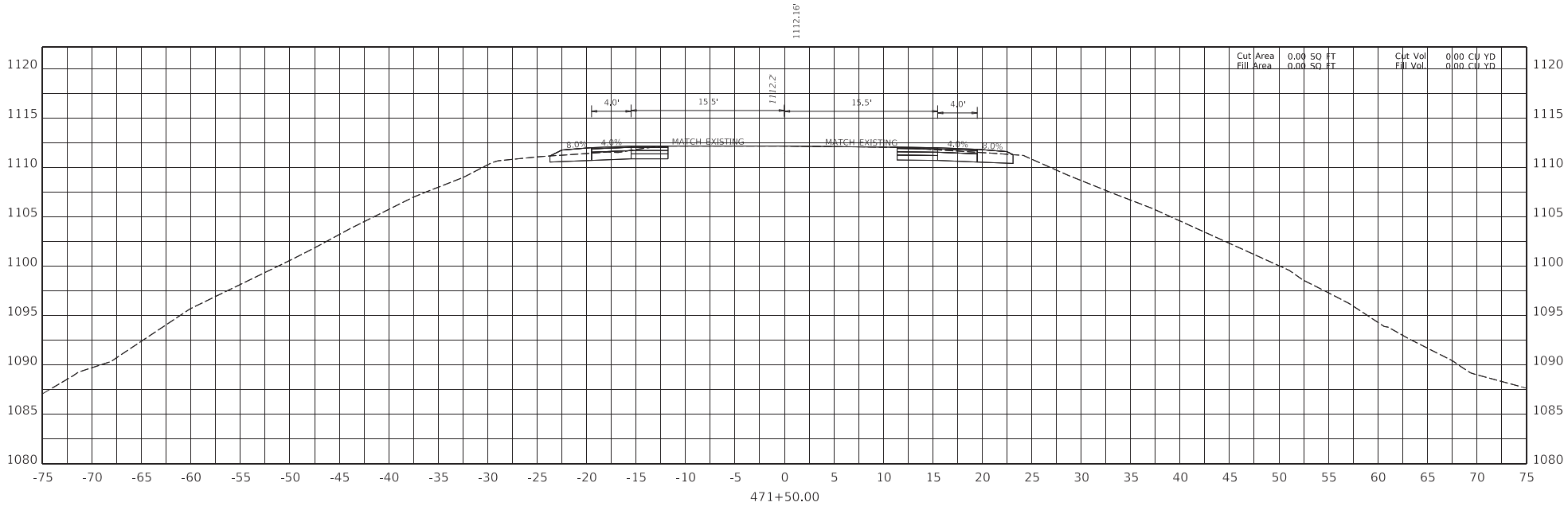
HORIZONTAL SCALE
SCALE: 1" = 5'

0' 5' 10' 20'

STA 471+00

ITEM NO. 11-9012.00
COUNTY OF WHITLEY
SHEET NO. X007

OpenRoads Designer v10.16.0.80 USER: justin.ball DATE PLOTTED: 9/7/2005 7:08:02 PM FILE NAME: C:\PWWORK\JUSTIN.BALL\D1965284\PLAN & PROFILE SHEETS - SPOT 1.DGN



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

DRAWING TITLE: CROSS SECTIONS - US 25W

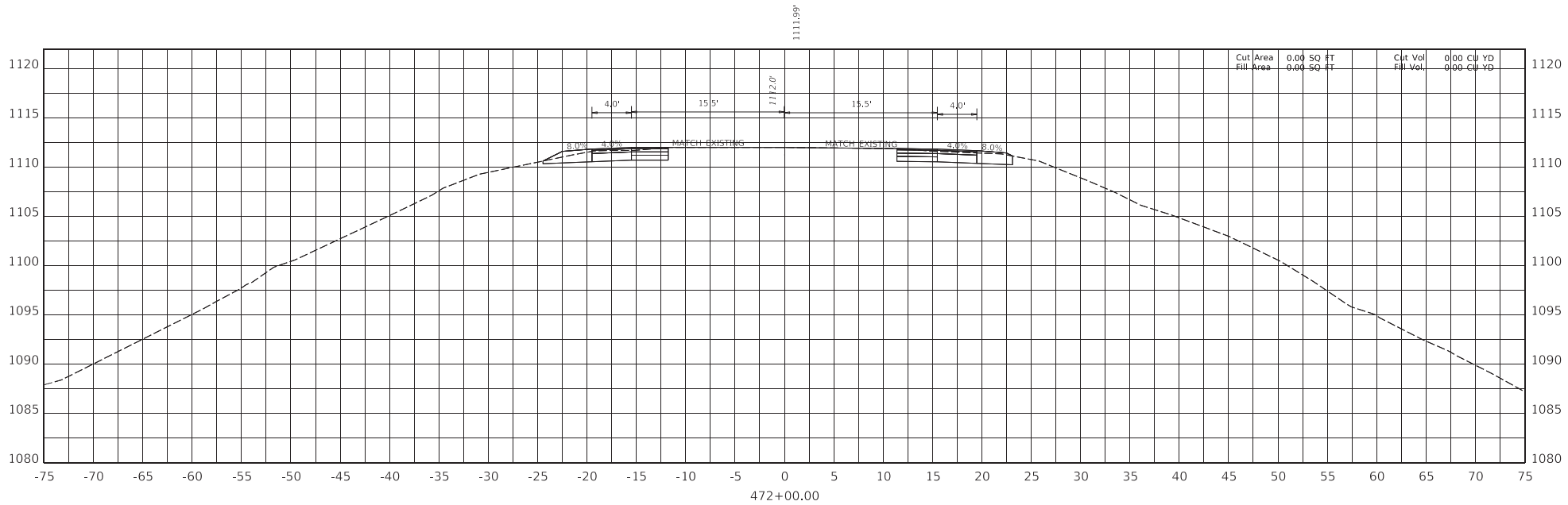
HORIZONTAL SCALE
SCALE: 1" = 5'

0' 5' 10' 20'

STA 471+50

ITEM NO. 11-9012.00
COUNTY OF WHITLEY
SHEET NO. X008

OpenRoads Designer v10.14.4.4 USER: justin.ball DATE PLOTTED: 9/7/2005 7:08:02 PM FILE NAME: C:\PWWORK\JUSTIN.BALL\D1965284\PLAN & PROFILE SHEETS - SPOT 1.DGN



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

DRAWING TITLE: CROSS SECTIONS - US 25W

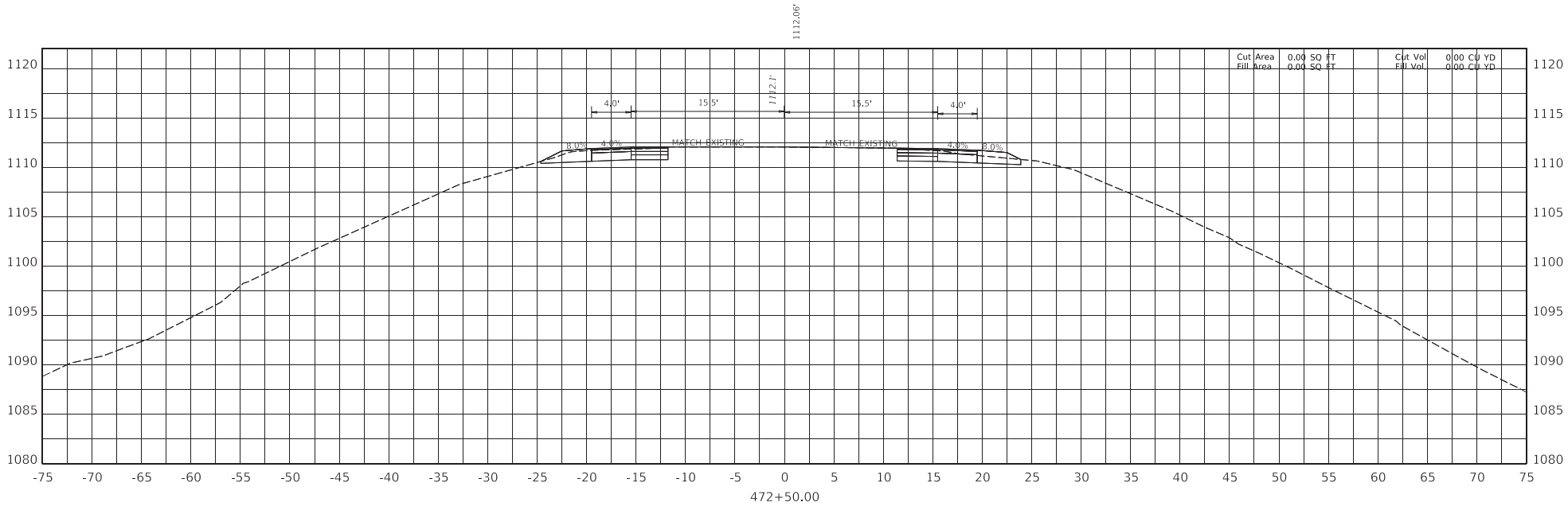
HORIZONTAL SCALE
SCALE: 1" = 5'

0' 5' 10' 20'

STA 472+00

ITEM NO. 11-9012.00
COUNTY OF WHITLEY
SHEET NO. X009

OpenRoads Designer v10.14.4.4 USER: justin.ball DATE PLOTTED: 9/7/2005 7:08:02 PM FILE NAME: C:\PWWORK\JUSTIN.BALL\D1965284\PLAN & PROFILE SHEETS - SPOT 1.DGN



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

DRAWING TITLE: CROSS SECTIONS - US 25W

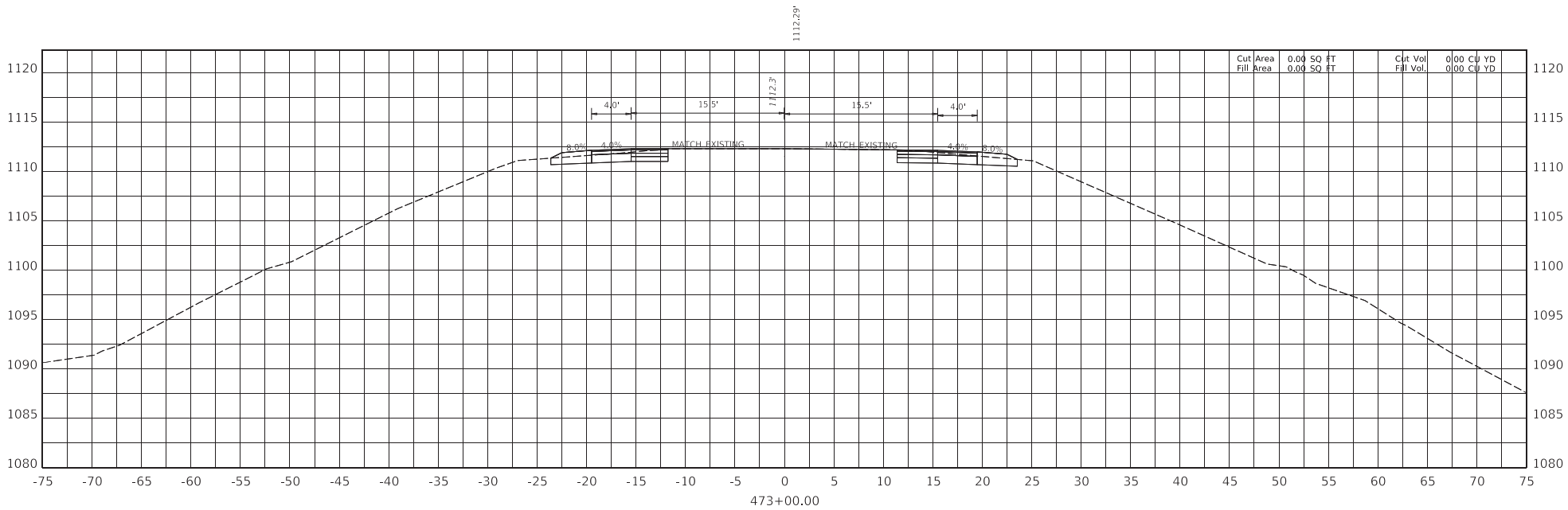
HORIZONTAL SCALE
SCALE: 1" = 5'

0' 5' 10' 20'

STA 472+50

ITEM NO. 11-9012.00
COUNTY OF WHITLEY
SHEET NO. X010

OpenRoads Designer v10.14.4.4 USER: justin.ball DATE PLOTTED: 9/7/2005 7:08:02 PM FILE NAME: C:\PWWORK\JUSTIN.BALL\D1965284\PLAN & PROFILE SHEETS - SPOT 1.DGN



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

DRAWING TITLE: CROSS SECTIONS - US 25W

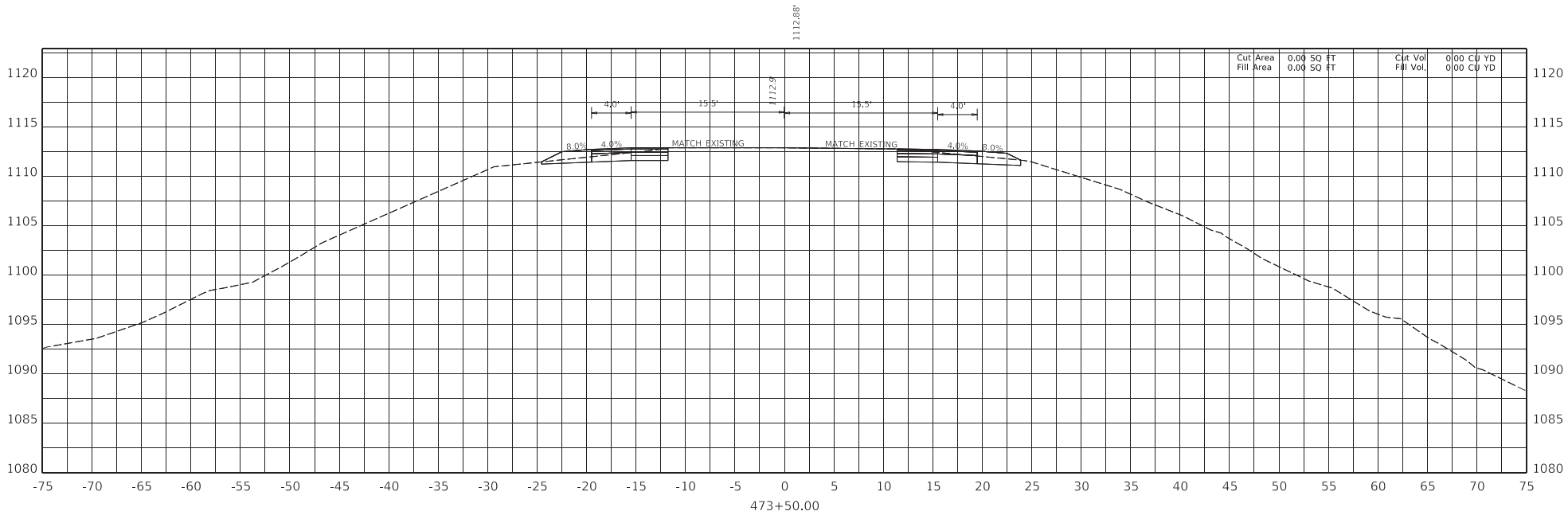
HORIZONTAL SCALE
SCALE: 1" = 5'

0' 5' 10' 20'

STA 473+00

ITEM NO. 11-9012.00
COUNTY OF WHITLEY
SHEET NO. X011

OpenRoads Designer v10.14.4.4 USER: justin.ball DATE PLOTTED: 9/7/2005 7:08:02 PM FILE NAME: C:\PWWORK\JUSTIN.BALL\D1965284\PLAN & PROFILE SHEETS - SPOT 1.DGN



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

DRAWING TITLE: CROSS SECTIONS - US 25W

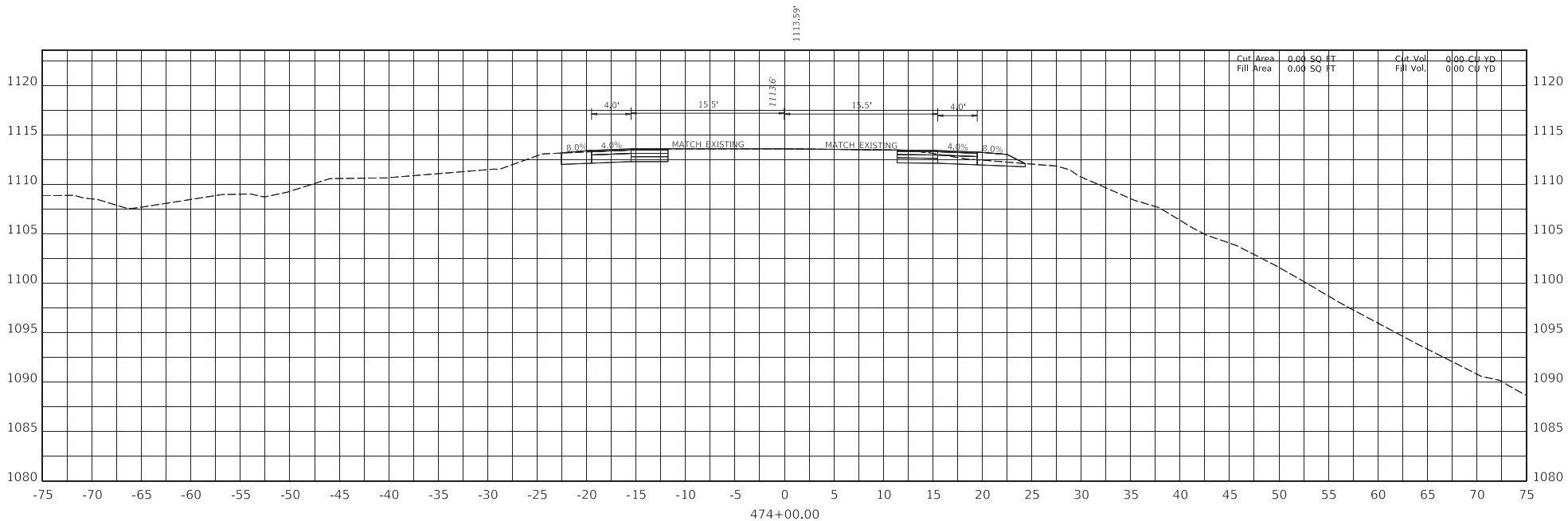
HORIZONTAL SCALE
SCALE: 1" = 5'

0' 5' 10' 20'

STA 473+50

ITEM NO. 11-9012.00
COUNTY OF WHITLEY
SHEET NO. X012

OpenRoads Designer v10.14.4.4 USER: justin.ball DATE PLOTTED: 9/7/2005 7:08:02 PM FILE NAME: C:\PWWORK\JUSTIN.BALL\D1965284\PLAN & PROFILE SHEETS - SPOT 1.DGN



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

DRAWING TITLE: CROSS SECTIONS - US 25W

HORIZONTAL SCALE
SCALE: 1" = 5'

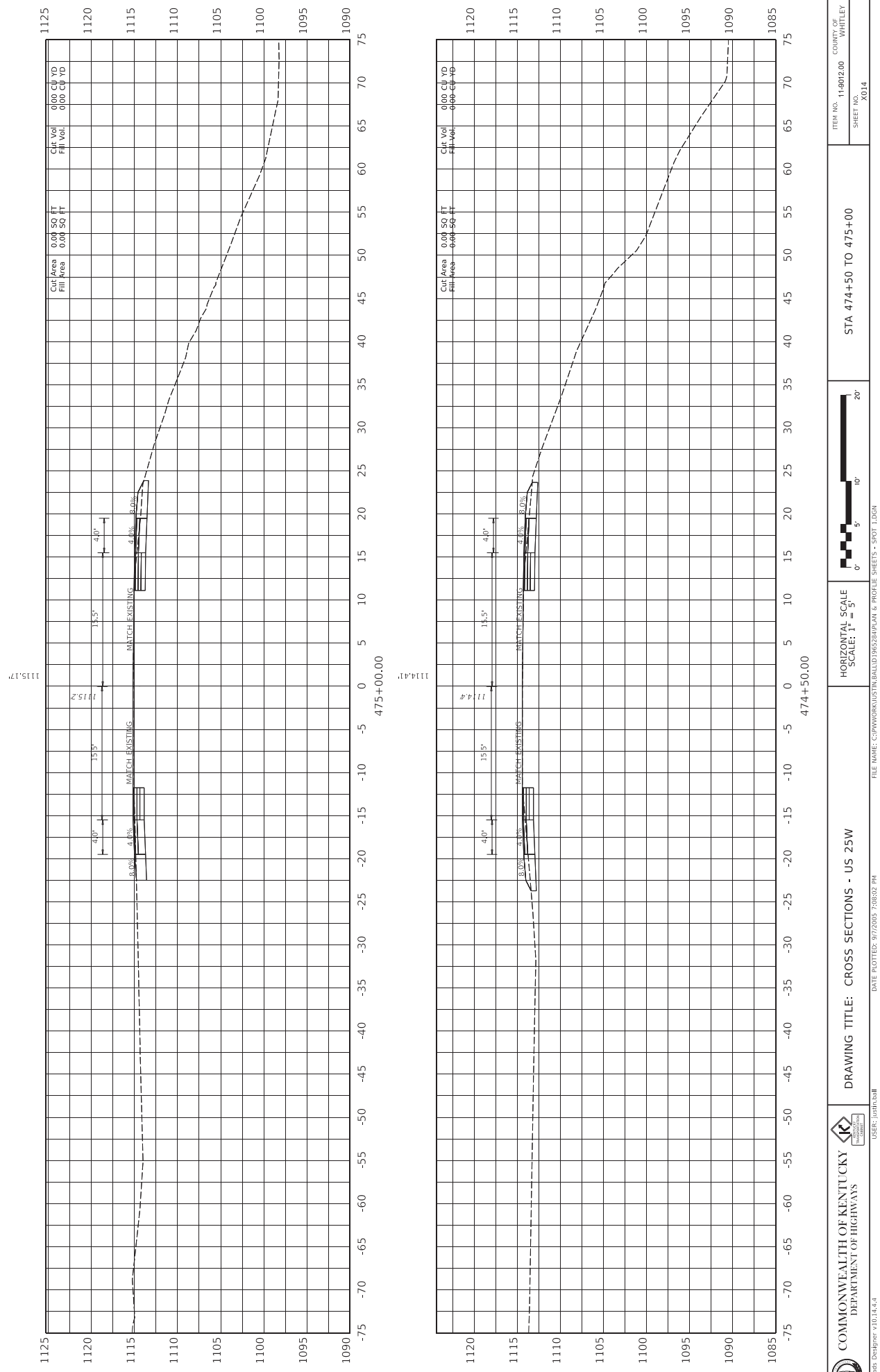
0' 5' 10' 20'

STA 474+00

ITEM NO. 11-9012.00 COUNTY OF WHITLEY

SHEET NO. X013

OpenRoads Designer v10.14.4.4 USER: justin.ball DATE PLOTTED: 9/7/2005 7:08:02 PM FILE NAME: C:\PWWORK\JUSTIN.BALL\D1965284\PLAN & PROFILE SHEETS - SPOT 1.DGN



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

DRAWING TITLE: CROSS SECTIONS - US 25W

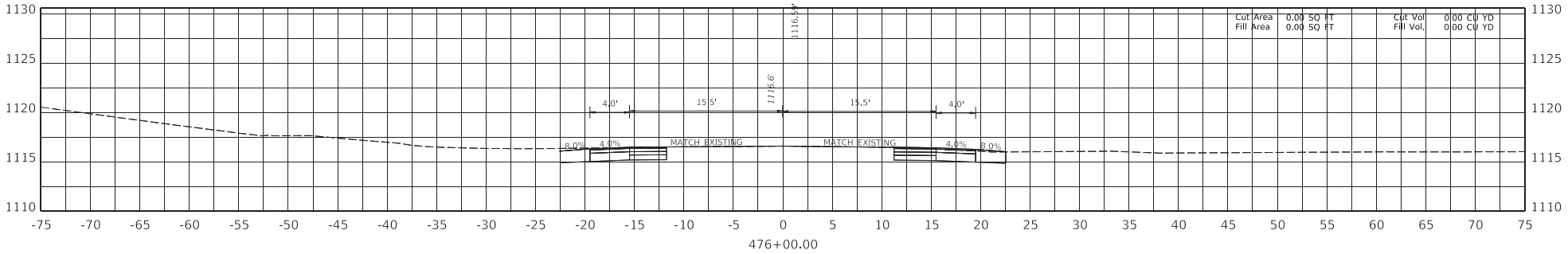
HORIZONTAL SCALE
SCALE: 1" = 5'

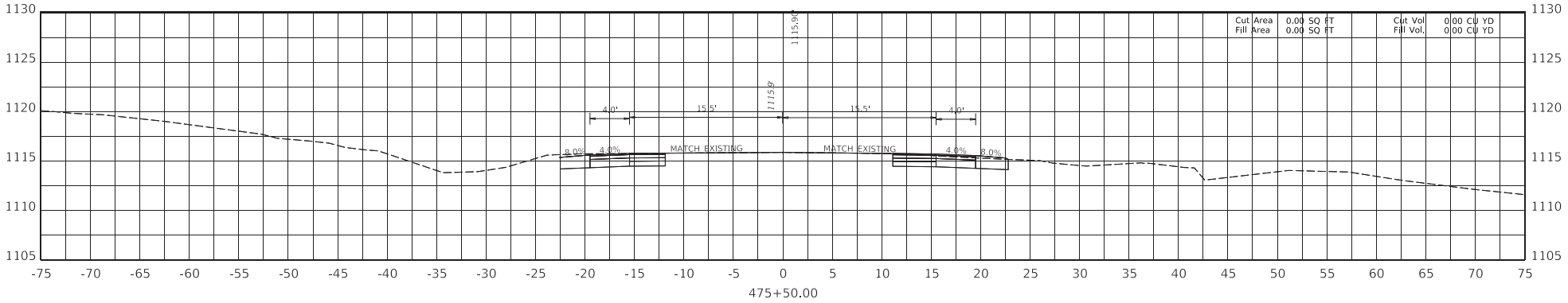
0' 5' 10' 20'

STA 474+50 TO 475+00

ITEM NO. 11-9012.00 COUNTY OF WHITLEY
SHEET NO. X014

USER: justin.ball
DATE PLOTTED: 9/7/2005 7:38:02 PM
FILE NAME: C:\PW\WORK\JUSTIN.BALL\D1965284\PLAN & PROFILE SHEETS - SPOT 1.DGN
OpenRoads Designer v10.14.4.4





COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

DRAWING TITLE: CROSS SECTIONS - US 25W

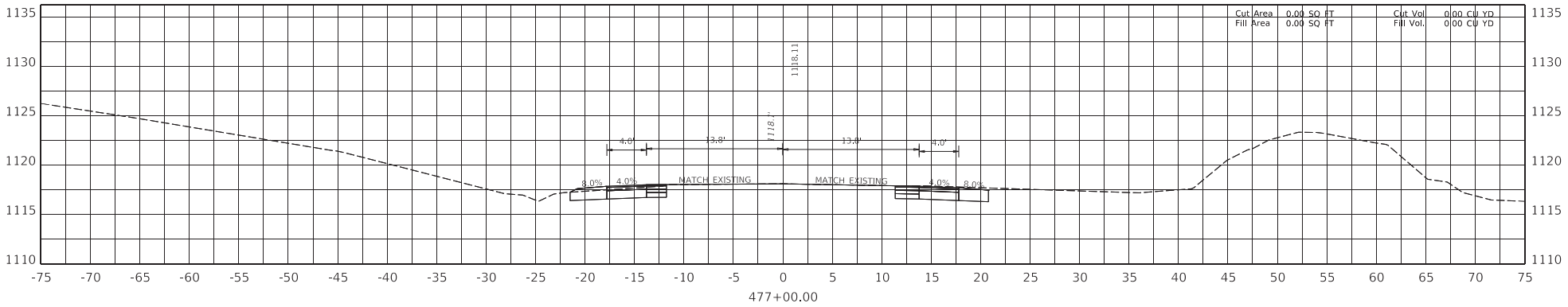
HORIZONTAL SCALE
SCALE: 1" = 5'

0' 5' 10' 20'

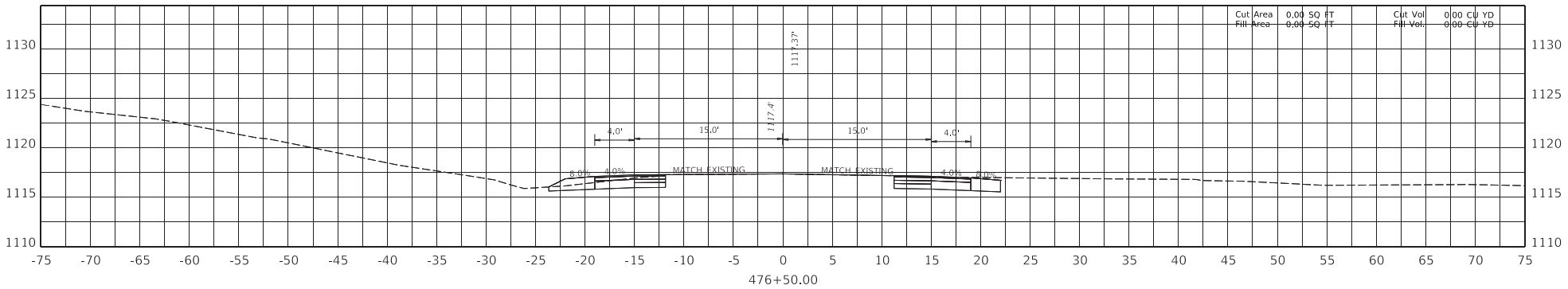
STA 475+50 TO 476+00

ITEM NO. 11-9012.00
COUNTY OF WHITLEY
SHEET NO. X015

OpenRoads Designer v10.14.4.4 USER: justin.ball DATE PLOTTED: 9/7/2005 7:08:02 PM FILE NAME: C:\PWWORK\JUSTIN.BALL\D1965284\PLAN & PROFILE SHEETS - SPOT 1.DGN



477+00.00



476+50.00

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

DRAWING TITLE: CROSS SECTIONS - US 25W

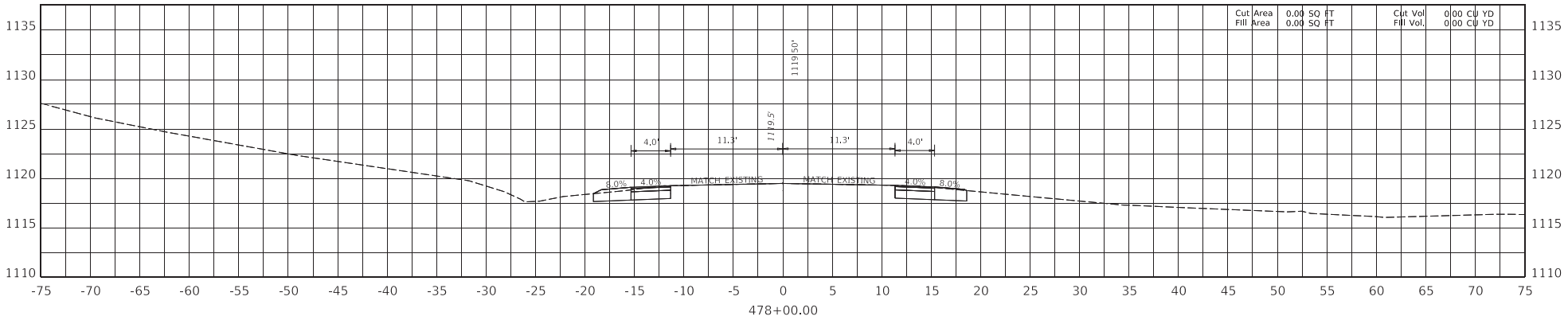
HORIZONTAL SCALE
SCALE: 1" = 5'

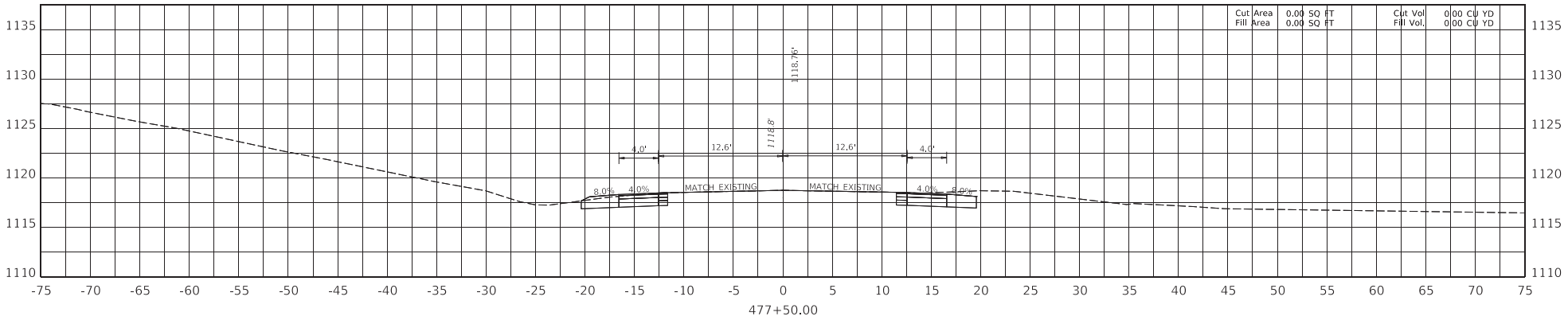
0' 5' 10' 20'

STA 476+50 TO 477+00

ITEM NO. 11-9012.00
COUNTY OF WHITLEY
SHEET NO. X016

OpenRoads Designer v10.14.4.4 USER: justin.ball DATE PLOTTED: 9/7/2005 7:08:02 PM FILE NAME: C:\PWWORK\JUSTIN.BALL\D1965284\PLAN & PROFILE SHEETS - SPOT 1.DGN





COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

DRAWING TITLE: CROSS SECTIONS - US 25W

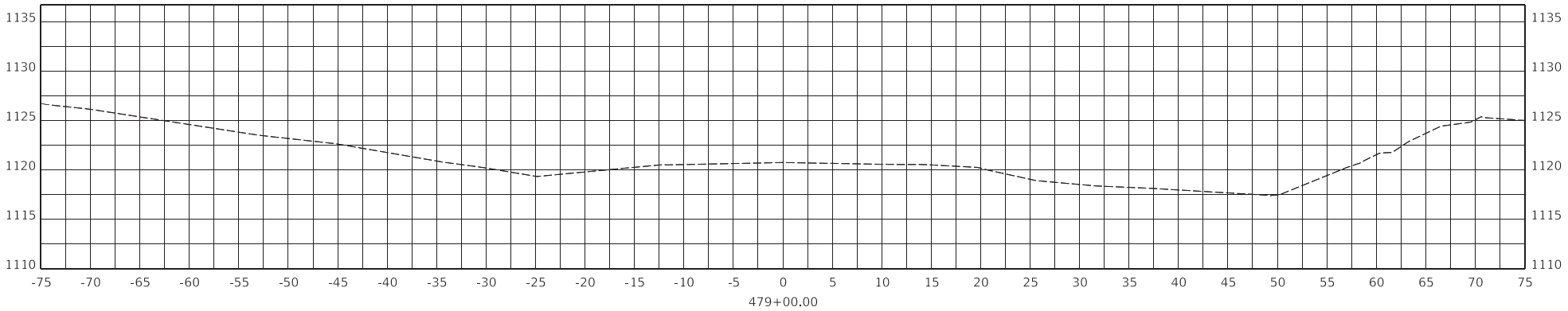
HORIZONTAL SCALE
SCALE: 1" = 5'

0' 5' 10' 20'

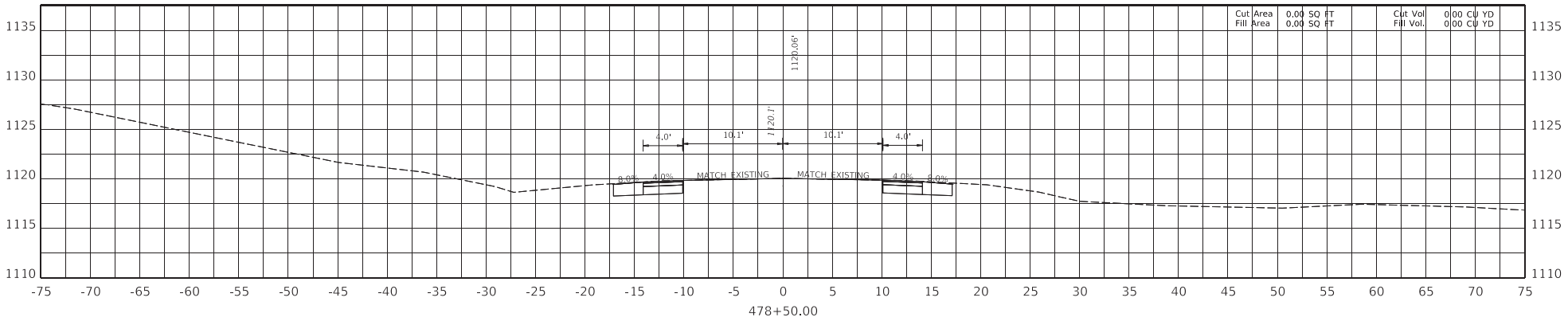
STA 477+50 TO 478+00

ITEM NO. 11-9012.00
COUNTY OF WHITLEY
SHEET NO. X017

OpenRoads Designer v10.14.4.4 USER: justin.ball DATE PLOTTED: 9/7/2005 7:08:02 PM FILE NAME: C:\PWWORK\JUSTIN.BALL\D1965284\PLAN & PROFILE SHEETS - SPOT 1.DGN



STA. 478+55
END CONSTRUCTION
MATCH EXISTING



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

DRAWING TITLE: CROSS SECTIONS - US 25W

HORIZONTAL SCALE
SCALE: 1" = 5'

0' 5' 10' 20'

STA 478+50 TO 479+00

ITEM NO. 11-9012.00
COUNTY OF WHITLEY
SHEET NO. X018

OpenRoads Designer v10.14.4.4 USER: justin.ball DATE PLOTTED: 9/7/2005 7:08:02 PM FILE NAME: C:\PWWORK\JUSTIN.BALL\D1965284\PLAN & PROFILE SHEETS - SPOT 1.DGN

WHITLEY COUNTY
118GR22T004-HSIP
Contract ID: 224303
Page 106 of 399

COUNTY OF	ITEM NO.	SHEET NO.
WHITLEY	11-9015.20	R1

Commonwealth of Kentucky
DEPARTMENT OF HIGHWAYS

PLANS OF
PROPOSED PROJECT

US 25W AND I-75 EXIT 15
ROUNDABOUT INSTALLATION
CITY OF WILLIAMSBURG, KENTUCKY

INDEX OF SHEETS

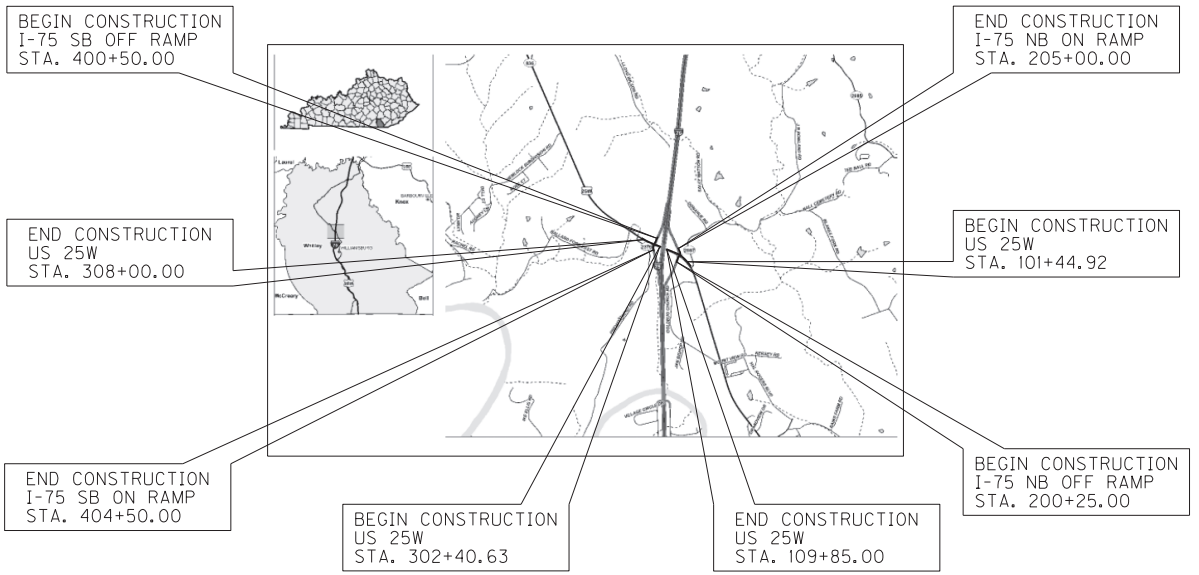
SHEET NO.	DESCRIPTION
R1	LAYOUT SHEET
R2-R2C	TYPICAL SECTIONS
R2D	GENERAL SUMMARY
R2E	PAVING SUMMARY
R2F	GENERAL NOTES
R2G	LEGEND AND UTILITY OWNERS
R3-R17	PLAN AND PROFILE SHEETS
R18	COORDINATE CONTROL SHEETS
R19-R20	PAVEMENT DETAIL SHEETS
R21-R23	MAINTENANCE OF TRAFFIC
R24	FLUME DETAIL
R25	PAVEMENT MARKING DETAILS
R26-R20	PIPE SHEETS
T001	SIGNING AND STRIPING SUMMARY
T002	SIGNING GENERAL NOTES
T003-T006	SIGNING DETAIL SHEETS
T007-T010	SIGNING AND STRIPING PLAN SHEETS
T011-T012	SHEETING SIGN SUMMARY SHEETS
X1-X200	CROSS SECTION SHEETS

SHEETS NOT INCLUDED IN TOTAL SHEETS

STANDARD DRAWINGS

NUMBER

RBC-002-04	RDI-001-10
RBC-003-09	RDI-020-10
RBC-005-01	RDI-040-01
RBC-005N	RDI-041-01
RBI-001-12	RDX-210-03
RBI-002-07	RDX-220-05
RBI-004-06	RDX-225-01
RBR-010-06	RDX-230-01
RBR-005-01	RPM-011-06
RBR-020-07	RPM-100-11
RDB-013-07	TTC-100-05
RDB-014-06	
RDB-015-04	
RDB-016-03	
RDD-040-05	



LAYOUT MAP

DESIGN CRITERIA

CLASS OF HIGHWAY	MAJOR COLLECTOR
TYPE OF TERRAIN	ROLLING
DESIGN SPEED	25 MPH
REQUIRED NPSD	
REQUIRED PSD	
LEVEL OF SERVICE	
ADT PRESENT (2019)	6,880
ADT FUTURE ( )	
DHV	
D %	
T %	6.3%

GEOGRAPHIC COORDINATES

LATITUDE 36 DEGREES 47 MINUTES 34 SECONDS NORTH
LONGITUDE -84 DEGREES 10 MINUTES 12 SECONDS WEST

DESIGNED

% RESTRICTED SD
LEVEL OF SERVICE
MAX. DISTANCE W/O PASSING

US 25W	I-75 NB RAMPS	I-75 SB RAMPS	
LENGTH 1,317 LIN. FT. ___ MILES	LENGTH 475 LIN. FT. ___ MILES	LENGTH 400 LIN. FT. ___ MILES	LENGTH ___ LIN. FT. ___ MILES
ADDED / DEDUCTED — FOR EQUALITIES ___ LIN. FT.	ADDED / DEDUCTED — FOR EQUALITIES ___ LIN. FT.	ADDED / DEDUCTED — FOR EQUALITIES ___ LIN. FT.	ADDED / DEDUCTED — FOR EQUALITIES ___ LIN. FT.
NOT INCLUDED	NOT INCLUDED	NOT INCLUDED	NOT INCLUDED
RAILROAD CROSSINGS NO. ___ LIN. FT.	RAILROAD CROSSINGS NO. ___ LIN. FT.	RAILROAD CROSSINGS NO. ___ LIN. FT.	RAILROAD CROSSINGS NO. ___ LIN. FT.
BRIDGES ___ LIN. FT.	BRIDGES ___ LIN. FT.	BRIDGES ___ LIN. FT.	BRIDGES ___ LIN. FT.

Commonwealth of Kentucky
DEPARTMENT OF HIGHWAYS
COUNTY OF

WHITLEY

ITEM NO. 11-9015.20
PROJECT NUMBER:
LETTING DATE:

RECOMMENDED BY: ___ PROJECT MANAGER DATE:

PLAN APPROVED BY: ___ STATE HIGHWAY ENGINEER DATE:

PRIMEAE
366 PROSPEROUS PLACE
SUITE 220
LEXINGTON, KY 40509
859.368.0145

1/6/2022

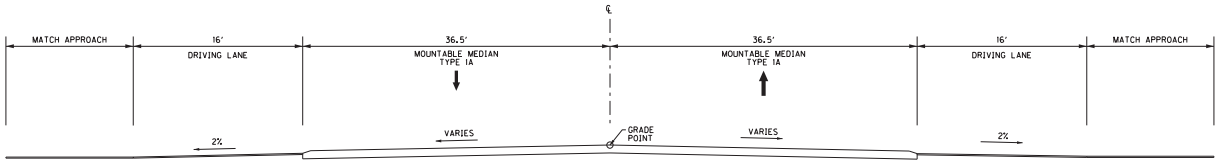
USER: bhicks
DATE PLOTTED: January 6, 2022
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\R001001LS.DGN
E-SHEET NAME:
Power InRoads v8.11.9.397

COUNTY OF	ITEM NO.	SHEET #
WHITLEY	11-9015.20	R2

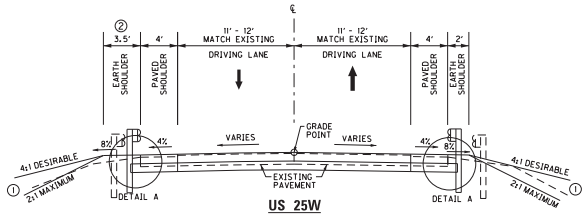
TYPICAL SECTIONS

NOTES

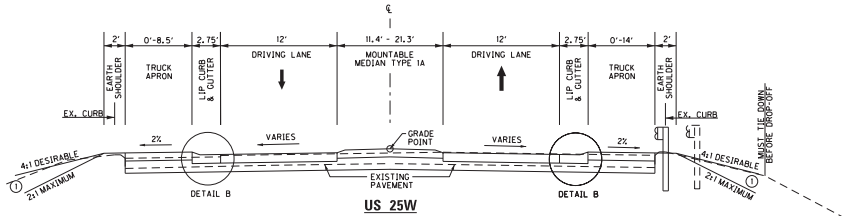
1. SEE CROSS SECTIONS FOR FINAL SLOPES.
2. WIDEN EARTH SHOULDER TO PROVIDE 2 FT OF FILL BEHIND PROPOSED GUARDRAIL.



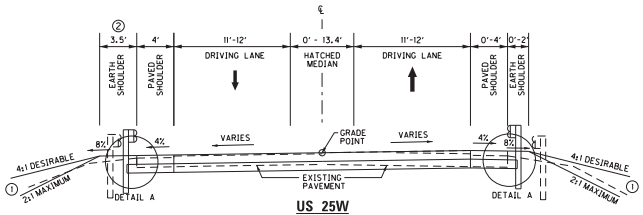
CENTER OF MINI-ROUNDABOUT
US 25W (STA. 104+77 TO STA. 105+82)
I-75 NB ON/OFF RAMP (STA. 202+32 TO STA. 203+38)



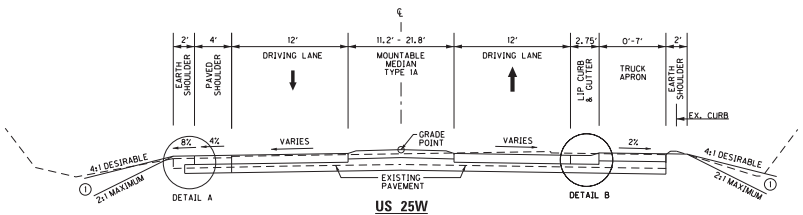
US 25W
STA. 101+97.62 TO STA. 102+23



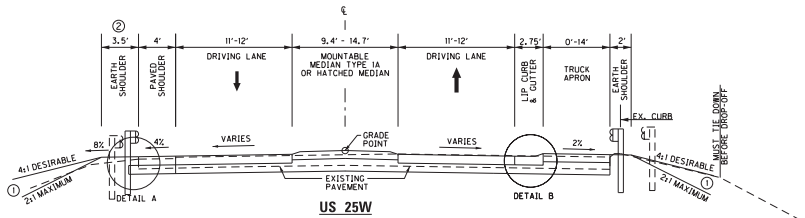
US 25W
STA. 104+60 TO STA. 104+77



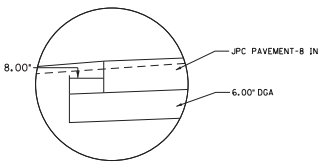
US 25W
STA. 102+23 TO STA. 103+65



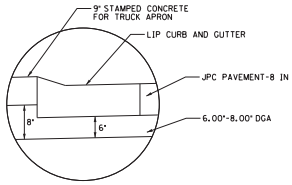
US 25W
STA. 105+82 TO STA. 105+93



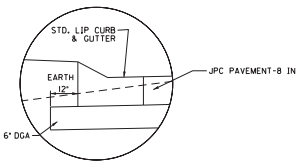
US 25W
STA. 103+65 TO STA. 104+60



DETAIL A



DETAIL B



DETAIL C

FULL-DEPTH PAVEMENT DESIGN

TRAFFIC LANES	
DENSE GRADED AGGREGATE	6" DEPTH
JPC PAVEMENT-8 IN	8" DEPTH

SCALE: NTS

US 25W AND I-75 EXIT 15
ROUNDABOUTS
TYPICAL SECTIONS

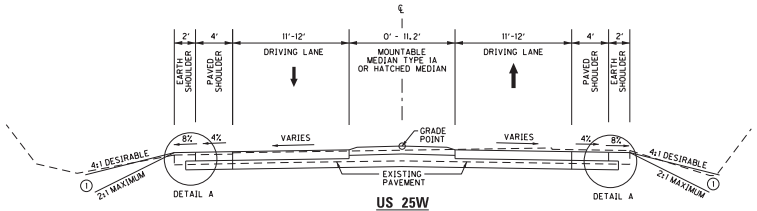
USER: bhicks
DATE PLOTTED: January 6, 2022
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\R0020DTS.DGN
E-SHEET NAME:
Power InRoads v8.11.9.397

COUNTY OF	ITEM NO.	SHEET #
WHITLEY	11-9015.20	R2A

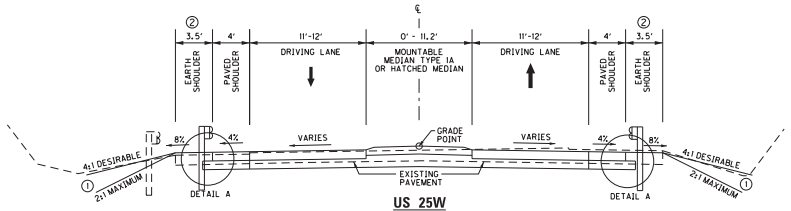
TYPICAL SECTIONS

NOTES

1. SEE CROSS SECTIONS FOR FINAL SLOPES.
2. WIDEN EARTH SHOULDER TO PROVIDE 2 FT OF FILL BEHIND PROPOSED GUARDRAIL.

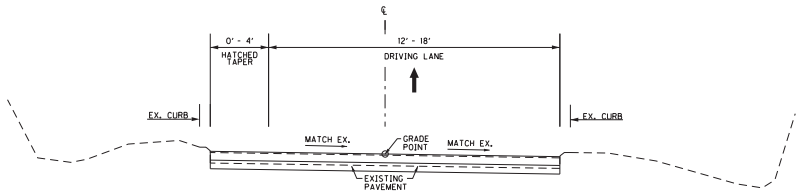


US 25W
STA. 105+93 TO STA. 108+40

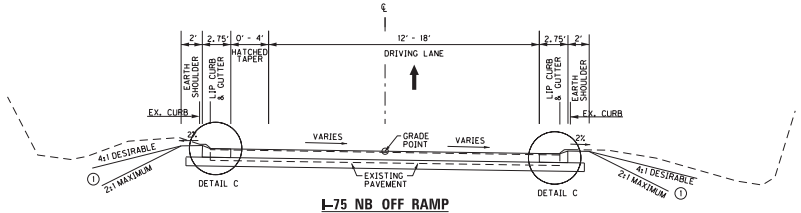


US 25W
STA. 108+40 TO STA. 109+85

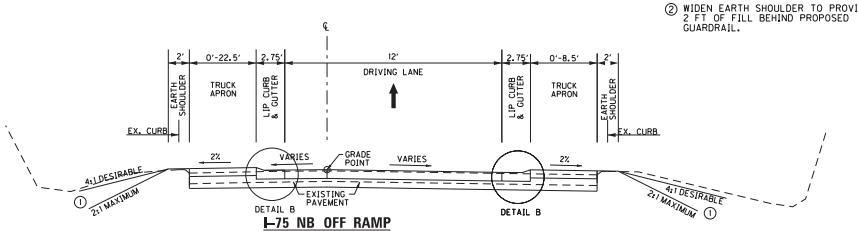
END LIMITS BEFORE BRIDGE. DO NOT IMPACT BRIDGE. TIE INTO EXISTING PAVEMENT.



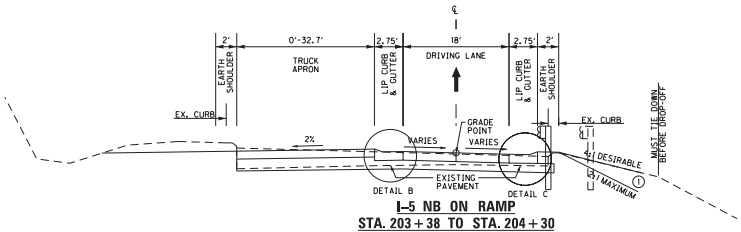
I-75 NB OFF RAMP
STA. 200+25 TO STA. 201+20



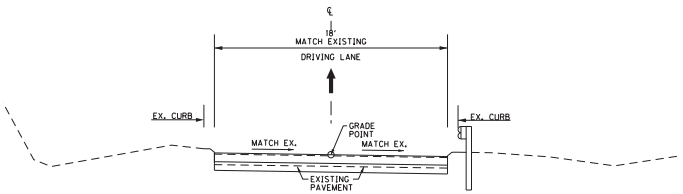
I-75 NB OFF RAMP
STA. 201+20 TO STA. 201+78



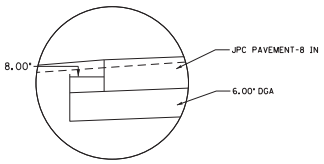
I-75 NB OFF RAMP
STA. 201+78 TO STA. 202+32



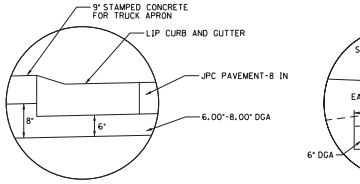
I-5 NB ON RAMP
STA. 203+38 TO STA. 204+30



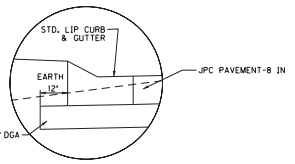
I-75 NB ON RAMP
STA. 204+30 TO STA. 205+00



DETAIL A



DETAIL B



DETAIL C

FULL-DEPTH PAVEMENT DESIGN

TRAFFIC LANES

DENSE GRADED AGGREGATE	6" DEPTH
JPC PAVEMENT-8 IN	8" DEPTH

SCALE: NTS

US 25W AND I-75 EXIT 15 ROUNDABOUTS
TYPICAL SECTIONS

USER: bricks
DATE PLOTTED: January 6, 2022
FILE NAME: K:\1900602-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\R0020DTS.DGN
E-SHEET NAME:
Power InRoads v8.11.9.397

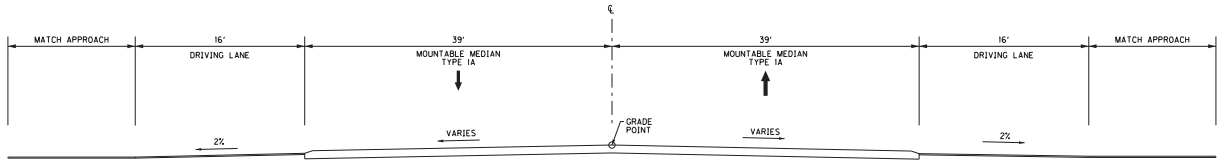
COUNTY OF	ITEM NO.	SHEET #
WHITLEY	11-9015.20	R2B

TYPICAL SECTIONS

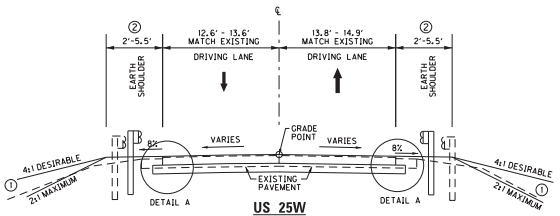
NOTES

① SEE CROSS SECTIONS FOR FINAL SLOPES.

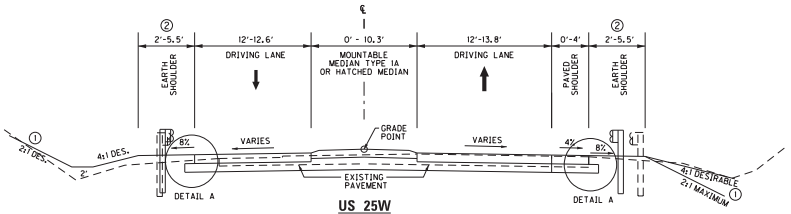
② WIDEN EARTH SHOULDER TO PROVIDE 2 FT OF FILL BEHIND PROPOSED GUARDRAIL.



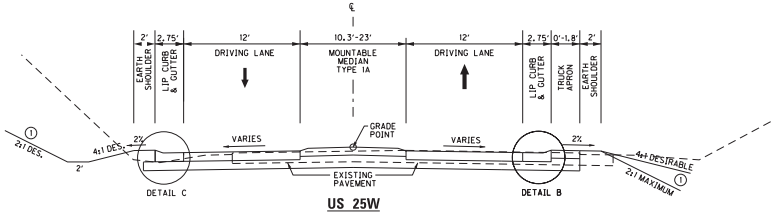
CENTER OF MINI-ROUNDABOUT
US 25W (STA. 303+85 TO STA. 304+95)
I-75 SB ON/OFF RAMP (STA. 402+25 TO STA. 403+35)



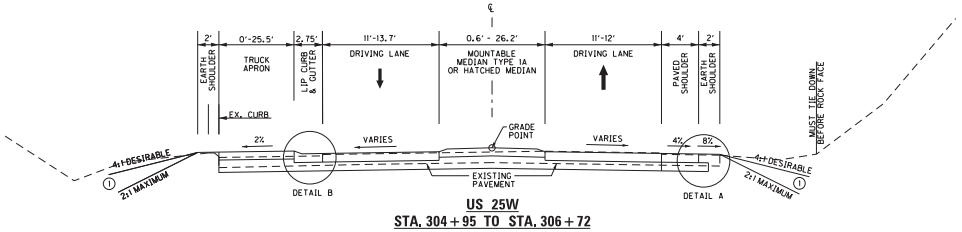
US 25W
STA. 302+40.63 TO STA. 302+69



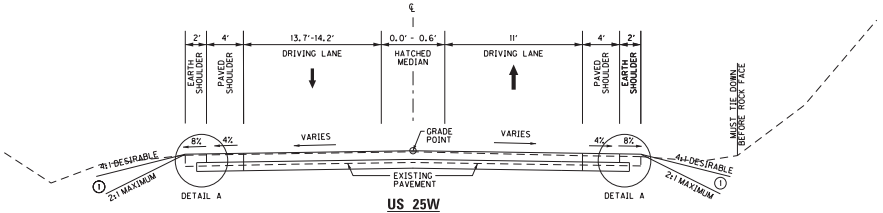
US 25W
STA. 302+69 TO STA. 303+57



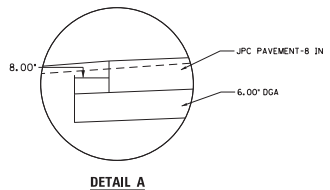
US 25W
STA. 303+57 TO STA. 303+85



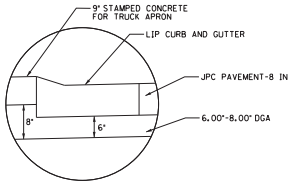
US 25W
STA. 304+95 TO STA. 306+72



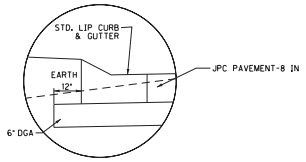
US 25W
STA. 306+72 TO STA. 306+97



DETAIL A



DETAIL B



DETAIL C

FULL-DEPTH PAVEMENT DESIGN

TRAFFIC LANES	
DENSE GRADED AGGREGATE	6" DEPTH
JPC PAVEMENT-8 IN	8" DEPTH

SCALE: NTS

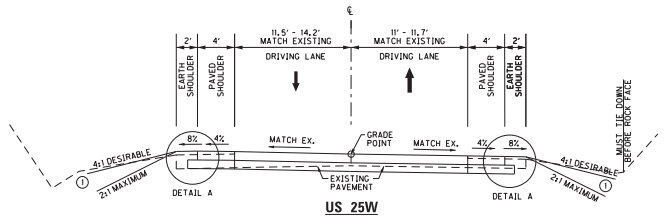
US 25W AND I-75 EXIT 15
ROUNDABOUTS
TYPICAL SECTIONS

COUNTY OF	ITEM NO.	SHEET #
WHITLEY	11-9015.20	R2C

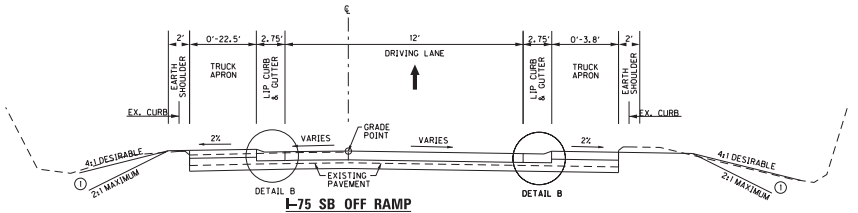
TYPICAL SECTIONS

NOTES

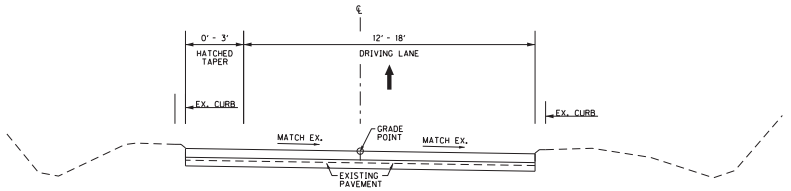
1. SEE CROSS SECTIONS FOR FINAL SLOPES.
2. WIDEN EARTH SHOULDER TO PROVIDE 2 FT OF FILL BEHIND PROPOSED GUARDRAIL.



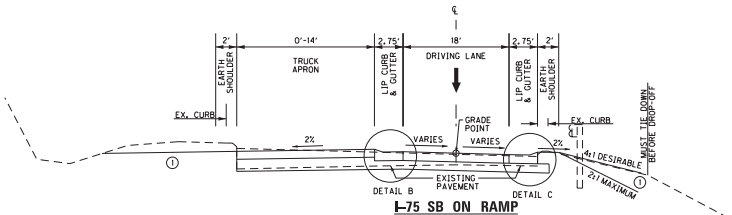
US 25W
306 + 97 TO STA. 308 + 00



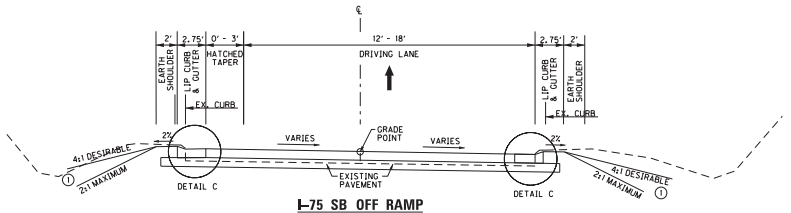
I-75 SB OFF RAMP
STA. 401 + 69 TO STA. 402 + 25



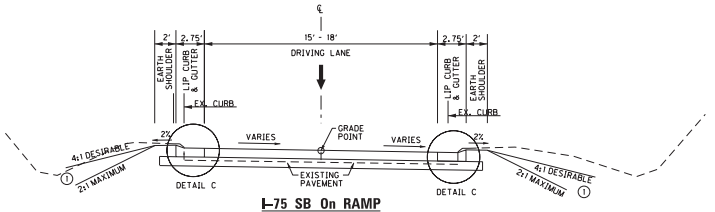
I-75 SB OFF RAMP
STA. 400 + 50 TO STA. 401 + 00



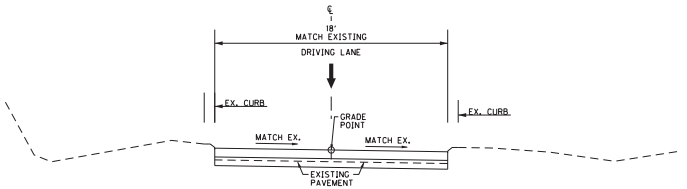
I-75 SB ON RAMP
STA. 403 + 35 TO STA. 403 + 81



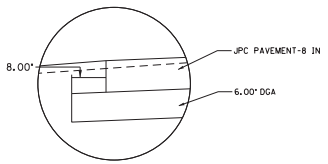
I-75 SB OFF RAMP
STA. 401 + 00 TO STA. 401 + 69



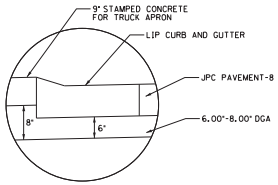
I-75 SB On RAMP
STA. 403 + 81 TO STA. 404 + 30



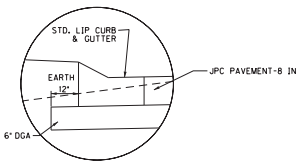
I-75 SB ON RAMP
STA. 404 + 50 TO STA. 404 + 50



DETAIL A



DETAIL B



DETAIL C

FULL-DEPTH PAVEMENT DESIGN

TRAFFIC LANES

DENSE GRADED AGGREGATE	6" DEPTH
JPC PAVEMENT-8 IN	8" DEPTH

SCALE: NTS

US 25W AND I-75 EXIT 15
ROUNDABOUTS
TYPICAL SECTIONS

FILE NAME: K:\1900602-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\R0020DTS.DGN
USER: bhicks
DATE PLOTTED: January 6, 2022
E-SHEET NAME:
Power InRoads v8.11.9.397

COUNTY OF	ITEM NO.	SHEET #
WHITLEY	11-9015.20	R2D

GENERAL SUMMARY

ITEM	DESCRIPTION	UNIT	TOTAL PROJECT
1	DGA BASE ①⑥	TON	3,653
461	CULVERT PIPE-15 IN	LF	17
462	CULVERT PIPE-18 IN	LF	35
1310	REMOVE PIPE	LF	90
1559	DROP BOX INLET TYPE 13G	EACH	5
1689	FLUME INLET TYPE 1 MOD	EACH	2
1718	REMOVE INLET	EACH	11
1726	SAFETY BOX INLET-18 IN SDB-1	EACH	2
1812	REMOVE CURB AND GUTTER	LF	1,365
1820	LIP CURB AND GUTTER	LF	1,668
1945	MOUNTABLE MEDIAN TYPE 1A (STAMPED & DYED) ④⑤	SQYD	1,277
1987	DELINEATOR FOR GUARDRAIL B/W	EACH	18
2084	JPC PAVEMENT-8 IN ①	SQYD	6,356
2014	BARRICADE-TYPE III	EACH	4
2159	TEMP DITCH	LF	1,096
2160	CLEAN TEMP DITCH	LF	548
2200	ROADWAY EXCAVATION	CUYD	3,520
2360	GUARDRAIL TERMINAL SECTION NO 1	EACH	2
2363	GUARDRAIL CONNECTOR TO BRIDGE END TY A	EACH	4
2367	GUARDRAIL END TREATMENT TYPE 1	EACH	6
2381	REMOVE GUARDRAIL	LF	1,317
2483	CHANNEL LINING CLASS II	TON	82
2545	CLEARING AND GRUBBING	LS	1
2562	TEMPORARY SIGNS	SQFT	624
2569	DEMOBILIZATION	LS	1
2625	REMOVE HEADWALL	EACH	9
2650	MAINTAIN & CONTROL TRAFFIC	LS	1
2671	PORTABLE CHANGEABLE MESSAGE SIGN	EACH	4
2701	TEMP SILT FENCE	LF	1,096
2703	SILT TRAP TYPE A	EACH	3
2704	SILT TRAP TYPE B	EACH	3
2705	SILT TRAP TYPE C	EACH	3
2706	CLEAN SILT TRAP TYPE A	EACH	3
2707	CLEAN SILT TRAP TYPE B	EACH	3
2708	CLEAN SILT TRAP TYPE C	EACH	3
2726	STAKING	LS	1
5950	EROSION CONTROL BLANKET	SQYD	160
5952	TEMP MULCH	SQYD	7,639
5953	TEMP SEEDING AND PROTECTION	SQYD	5,729
5963	INITIAL FERTILIZER	TON	0.2

ITEM	DESCRIPTION	UNIT	TOTAL PROJECT
5964	MAINTENANCE FERTILIZER	TON	0.1
5985	SEEDING & PROTECTION	SQYD	2,740
5992	AGRICULTURAL LIMESTONE	TON	1.8
6406	SBM ALUM SHEET SIGNS .080 IN ②	SQFT	277
6407	SBM ALUM SHEET SIGNS .125 IN ②	SQFT	169
6410	STEEL POST TYPE 1 ②	LF	492
6549	PAVE STRIPING-TEMP REM TAPE-B ③	LF	1,500
6550	PAVE STRIPING-TEMP REM TAPE-W ③	LF	4,500
6551	PAVE STRIPING-TEMP REM TAPE-Y ③	LF	4,500
6556	PAVE STRIPING-DUR TY 1-6 IN W ③	LF	3,495
6557	PAVE STRIPING-DUR TY 1-6 IN Y ③	LF	4,635
6560	PAVE STRIPING-DUR TY 1-12 IN W (OPTICAL SPEED BARS) ③	LF	132
10020NS	FUEL ADJUSTMENT	DOLL	1,847
21373ND	REMOVE SIGN ②	EACH	38
21596ND	GMSS TYPE D ②	EACH	12
21596ND	GMSS TYPE D (SURFACE MOUNT) ②	EACH	4
21802EN	G/R STEEL W BEAM-S-FACE (7 FT POST)	LF	1,073
21813NN	REMOVE AND RELOCATE SHEET SIGNS ②	EACH	3
22520EN	PAVE MARKING-THERMO YIELD BAR-36 IN (TYPE 1 TAPE) ③	LF	68
22680EN	QWICK CURB MEDIAN SEPARATOR ③	LF	160
24097EC	THERMO RUMBLE STRIPS TY 2 ③	LF	148
23379EC	STAMPED CONCRETE (TRUCK APRON, STAMPED & DYED) ④⑤	SQYD	805
24631EC	BARCODE SIGN INVENTORY ②	EACH	98
23253ES717	PAVE MARK TY 1 TAPE CROSS HATCH ③	SQFT	3,682
23254ES717	PAVE MARK TY 1 TAPE DOTTED LANE EXT ③	LF	162
23269ES717	PAVE MARK TY 1 TAPE-COMB ARROW ③	EACH	8
23269ES717	PAVE MARK TY 1 TAPE-COMBO ARROW (SPECIAL - FISH HOOK) ③	EACH	6
24575ES610	HEADWALL (SLOPED & MITERED CONCRETE HEADWALL FOR 18 INCH PIPE)	EACH	1

NOTES

① QUANTITY CARRIED OVER FROM PAVING SUMMARY.

② QUANTITY CARRIED OVER FROM SIGNING SUMMARY.

③ QUANTITIY CARRIED OVER FROM STRIPING SUMMARY.

④ STAMPED AND DYED MOUNTABLE MEDIAN TYPE 1A/TRUCK APRON IS TO BE AS FOLLOWS:
STAMP = STONE OR EQUIVALENT APPROVED BY SECTION ENGINEER.
COLOR = BAJA RED, 2-BAG (RG-2827R INTERSTAR) OR EQUIVALENT COLOR AS APPROVED BY SECTION ENGINEER.
COLOR TO BE APPLIED THROUGHOUT CONCRETE, NOT ONLY AS SURFACE APPLICATION.
FINISHING, TEXTURING, AND COLORING SHALL BE INCIDENTAL TO THE MOUNTABLE MEDIAN TYPE 3A.

⑤ PRE-CONSTRUCTION MOCK-UP: A MOCK-UP A MINIMUM OF 4 FEET BY 8 FEET SHALL BE BUILT AT A LOCATION DETERMINED BY THE ENGINEER PRIOR TO ANY MEDIAN CONSTRUCTION. THE MOCK-UP SHALL BE USED TO EXPERIMENT WITH THE STAMP PATTERN AND COLOR. THE APPROVED MOCK-UP SHALL SERVE AS A STANDARD OF ACCEPTANCE FOR ALL ADDITIONAL WORK. THE COST OF THIS MOCK-UP SHALL BE INCLUDED IN THE PRICE BID FOR MOUNTABLE MEDIAN TYPE 1A.

⑥ 250 TONS OF ADDITIONAL DGA HAVE BEEN INCLUDED FOR POTENTIAL LEVEL & WEDGING REQUIRED FOR MAINTENANCE OF TRAFFIC.

US 25W AND I-75 EXIT 15
ROUNDABOUTS
GENERAL SUMMARY

FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\R002DGS.DGN
USER: bhicks
DATE PLOTTED: January 6, 2022
E-SHEET NAME:
Power InRoads v8.11.9.397

COUNTY OF	ITEM NO.	SHEET #
WHITLEY	11-9015.20	R2E

PAVING AREAS

ITEM	US 25W	NB ON/OFF RAMPS	SB ON/OFF RAMPS	TOTAL PROJECT
	SQUARE YARDS			
8" DGA BASE	1,770	133	179	2,082
6" DGA BASE	5,548	855	676	7,079
JPC PAVEMENT-8 IN	5,107	709	540	6,356

NOTES

① ESTIMATED AT 115 LBS. PER SQ. YD. PER INCH OF DEPTH.

PAVING SUMMARY

ITEM	DESCRIPTION	UNIT	US 25W	NB ON/OFF RAMPS	SB ON/OFF RAMPS	TOTAL PROJECT
1	DGA BASE ①	TON	2,729	357	317	3,403
2084	JPC PAVEMENT-8 IN	SQYD	5,107	709	540	6,356

US 25W AND I-75 EXIT 15
ROUNDABOUTS
PAVING SUMMARY

Power InRoads v8.11.9.397 | E-SHEET NAME: | USER: bhicks DATE PLOTTED: January 6, 2022 | FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\R002EOPS.DGN

COUNTY OF	ITEM NO.	SHEET #
WHITLEY	11-9015.20	R2F

GENERAL NOTES

CLEANING PAVEMENT

BEFORE PLACING ANY HMA MIXTURE, THE SURFACE OF THE EXISTING PAVEMENT INCLUDING ALL CRACKS, JOINTS AND THE SURFACE OF THE NEW BASE AND LEVELING COURSES, SHALL BE THOROUGHLY CLEANED OF ALL DEBRIS AND DIRT. THIS WILL BE CONSIDERED INCIDENTAL TO ASPHALT SURFACING

DRIVEWAY APPROACHES

MINOR GRADING OF DRIVEWAYS APPROACHES AND ALL SAW CUTS REQUIRED FOR ASPHALT AND CONCRETE DRIVEWAY APPROACHES WILL NOT BE PAID FOR SEPARATELY.

LANDSCAPING

THE CONTRACTOR SHALL NOT DISTURB ANY LANSCAPING FEATURES PROTECTED BY FENCING OR LOCATED OUTSIDE OF THE SLOPE STAKE LIMITS. ANY LANDSCAPING THAT IS DAMAGED OR DESTROYED DURING CONSTRUCTION WILL BE THE FINANCIAL RESPONSIBILITY OF THE CONTRACTOR.

PARKING SPACES

UNLESS AUTHORIZED BY THE PROPERTY OWNER/TENANT, THE CONTRACTOR SHALL NOT USE PARKING SPACES TO PARK PERSONAL VEHICLES, CONSTRUCTION EQUIPMENT, OR STOCKPILE MATERIALS.

OMISSIONS

THE INFORMATION CONTAINED ON THESE DRAWINGS PERTAINING TO EXISTING CONDITIONS, SUCH AS BUT NOT LIMITED TO UTILITIES, TOPOGRAPHY, SUBSURFACE CONDITIONS, IS SOLELY AS THE BEST INFORMATION AVAILABLE AND ITS ACCURACY IS NOT GUARANTEED. THE USE OF THIS INFORMATION DOES NOT PROVIDE RELIEF FOR ANY RESPONSIBILITY FOR DAMAGES DUE TO ANY INACCURACIES.

OPEN EXCAVATIONS

THE PLACEMENT OF PROTECTIVE FENCING MEETING OSHA STANDARDS IS REQUIRED AROUND ALL OPEN EXCAVATIONS. THIS WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED INCIDENTAL TO PIPE CULVERT.

ORDINANCES

ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL CODES, RULES AND REGULATIONS. CONTRACTOR SHALL OBTAIN ALL NECESSARY LOCAL, STATE AND FEDERAL PERMITS AND PAY PERMIT FEES FOR THE WORK OR CONFIRM REQUIRED PERMITS HAVE BEEN OBTAINED BY OTHERS PRIOR TO COMMENCING CONSTRUCTION.

PERMANENT TRAFFIC SIGNS

THE CONTRACTOR SHALL PROVIDE THE KYTC AND THE CITY OF WILLIAMSBURG WITH A MINIMUM OF 72 HOURS OF ADVANCE NOTICE PRIOR TO INSTALLING ANY PERMANENT TRAFFIC SIGNS.

PLAN DISCREPANCIES

REFER PLAN DISCREPANCIES TO THE ENGINEER FOR CLARIFICATION.

BEFORE YOU DIG

THE CONTRACTOR IS INSTRUCTED TO CALL 1-800-752-6007 TO REACH KY 811, THE ONE-CALL SYSTEM FOR INFORMATION ON THE LOCATION OF EXISTING UNDERGROUND UTILITIES. THE CALL IS TO BE PLACED A MINIMUM OF TWO (2) AND NO MORE THAN TEN (10) BUSINESS DAYS PRIOR TO EXCAVATION. THE CONTRACTOR SHOULD BE AWARE THAT OWNERS OF UNDERGROUND FACILITIES ARE NOT REQUIRED TO BE MEMBERS OF THE KY 811 ONE-CALL BEFORE-U-DIG (BUD) SERVICE. THE CONTRACTOR MUST COORDINATE EXCAVATION WITH THE UTILITY OWNERS, INCLUDING THOSE WHOM DO NOT SUBSCRIBE TO KY 811. IT MAY BE NECESSARY FOR THE CONTRACTOR TO CONTACT THE COUNTY COURT CLERK TO DETERMINE WHAT UTILITY COMPANIES HAVE FACILITIES IN THE AREA.

CONTROL OF WORK

THE RIGHT IS RESERVED BY THE DEPARTMENT TO HAVE OTHER WORK PERFORMED BY OTHER CONTRACTORS AND BY ITS OWN FORCES AND TO PERMIT PUBLIC UTILITY COMPANIES AND OTHERS TO DO WORK DURING THE CONSTRUCTION OF, AND WITHIN THE LIMITS OF OR ADJACENT TO, THE PROJECT. THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS AND COOPERATE WITH SUCH OTHER PARTIES SO THAT INTERFERENCE WITH SUCH OTHER WORK WILL BE REDUCED TO A MINIMUM. THE CONTRACTOR SHALL AGREE, AND HEREBY DOES AGREE, TO MAKE NO CLAIMS AGAINST THE DEPARTMENT FOR ADDITIONAL COMPENSATION DUE TO DELAYS OR OTHER CONDITIONS CREATED BY THE OPERATIONS OF SUCH OTHER PARTIES. SHOULD A DIFFERENCE OF OPINION ARISE AS TO THE RIGHTS OF THE CONTRACTOR AND OTHERS WORKING WITHIN THE LIMITS OF OR ADJACENT TO THE PROJECT, THE ENGINEER WILL DECIDE AS TO THE RESPECTIVE RIGHTS OF THE VARIOUS PARTIES INVOLVED IN ORDER TO ASSURE THE COMPLETION OF THE DEPARTMENT'S WORK IN GENERAL HARMONY AND IN A SATISFACTORY MANNER AND HIS DECISION SHALL BE FINAL AND BINDING UPON THE CONTRACTOR.

STANDARD DRAWINGS

STANDARD DRAWINGS ARE NOT ATTACHED TO THESE PLANS. A STANDARD DRAWING BOOK AND THE HEADWALL SUPPLEMENTAL BOOK MAY BE OBTAINED FROM THE POLICY SUPPORT BRANCH OF THE DEPARTMENT OF ADMINISTRATIVE SERVICES IN FRANKFORT, KY AT (502)564-3670.

ASPHALT PAVEMENT RIDE QUALITY

PAVEMENT RIDEABILITY REQUIREMENTS, IN ACCORDANCE WITH SECTION 410 OF THE STANDARD SPECIFICATIONS, SHALL APPLY ON THIS PROJECT. CATEGORY B SHALL APPLY.

DEMOBILIZATION

THE LUMP SUM BID ON THIS PROJECT SHALL INCLUDE PAYMENT IN FULL FOR DEMOBILIZATION.

PIPE AND DRAINAGE STRUCTURE REMOVAL

UNLESS OTHERWISE SPECIFIED IN THE PLANS, ALL EXISTING PIPE AND DRAINAGE STRUCTURES WITHIN THE CONSTRUCTION LIMITS AND NOT USED IN THE PROPOSED DRAINAGE SYSTEM ARE TO BE REMOVED AS SPECIFIED IN THE CURRENT EDITION OF THE KYTC STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

UPFRONT PIPE INSPECTION

PIPE INSPECTIONS ARE TO BE PERFORMED 30 DAYS PRIOR TO THE CONTRACTORS EXPECTED START DATE. ANY WORK DONE UNDER THE PROPOSED PAVEMENT IS TO BE DONE WITHIN THE NORMAL CONSTRUCTION PERIOD. ANY ADDITIONAL WORK OUTSIDE THE CONSTRUCTION LIMITS MAY BE COMPLETED AT A LATER TIME WITHOUT PENALTY.

SPRINKLERS

IF A SPRINKLER IS DAMAGED DURING WORK, THE CONTRACTOR SHALL CAP THE SYSTEM PIPE AND WITNESS THE LOCATION OF THE CAP WITH A WOODEN STAKE FOR THE PROPERTY OWNERS USE. THE CONTRACTOR SHALL PLACE THE SALVAGED SPRINKLER HEAD ON THE PROPERTY IT IS DISCOVERED. ANY MODIFICATION TO THE LAWN SPRINKLER SYSTEMS IS THE RESPONSIBILITY OF THE PROPERTY OWNER AND IS NOT PART OF THIS CONTRACT. THIS IS CONSIDERED INCIDENTAL TO CLEARING AND GRUBBING.

TRAFFIC CONTROL

PROVIDE CONTROL DEVICES IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AS NECESSARY FOR THE PROTECTION AND SAFETY OF THE PUBLIC. MAINTAIN THESE DEVICES AT ALL TIMES DURING CONSTRUCTION. SIGNS SHALL BE IN PLACE PRIOR TO STARTING WORK.

TREES

PROTECT TREES TO REMAIN FROM DAMAGE DURING CONSTRUCTION.

UTILITIES

THE LOCATION OF ALL PUBLIC UTILITIES SHOWN ON THE PLANS ARE TAKEN FROM THE BEST AVAILABLE DATA. THE CITY OF WILLIAMSBURG AND THE KYTC WILL NOT BE RESPONSIBLE FOR ANY OMISION OR VARIATIONS FROM THE LOCATIONS SHOWN.

CONSTRUCTION OPERATIONS SHALL BE CONDUCTED IN A MANNER AS TO INSURE THAT THOSE UTILITIES NOT REQUIRING RELOCATION WILL NOT BE DISTURBED. UTILITIES DAMAGED DURING CONSTRUCTION BY THE CONTRACTOR SHALL BE THE FULL RESPONSIBILITY OF THE CONTRACTOR IN ACCORDANCE WITH THE AFFECTED UTILITY OWNERS REQUIREMENTS.

ALL PRIVATE UTILITY STRUCTURES WILL BE ADJUSTED TO GRADE BY THE OWNER OF THE FACILITY. THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH THREE (3) WORKING DAYS NOTICE PRIOR TO THE START OF SUCH WORK.

HAZARDOUS OR FLAMMABLE MATERIALS

THE CONTRACTOR IS ADVISED TO EXERCISE CAUTION IN HIS OPERATIONS IN AREAS WHERE PLANS INDICATE THE PRESENCE OF A GAS LINE OR OTHER LINES CARRYING HAZARDOUS MATERIAL.

REMOVAL MATERIALS

ALL REMOVED MATERIALS ARE THE PROPERTY OF THE CONTRACTOR. CLEAN UP AND DISPOSE OF ALL EXCESS MATERIALS OFF SITE AT A LOCATION DESIGNATED FOR THE USE AND IN ACCORDANCE WITH THE LOCAL REGULATIONS OR AT AN ON SITE LOACTION DESIGNATED BY THE OWNER.

SIGNS

ALL SIGNS SHALL BE INSTALLED, REMOVED AND/OR SALVAGED ACCORDING TO THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND KYTC STANDARD SPECIFICATIONS FOR CONSTRUCTION. ALL SIGNS ON THE PLANS THAT DO NOT HAVE A RECOMMENDATION ARE TO BE RETAINED.

SIGN STAKING

STAKING FOR CONSTRUCTION SIGNS AND PERMANENT SIGNS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CITY OF WILLIAMSBURG WILL REVIEW STAKING LOCATIONS PRIOR TO INSTALLATION.

PROPERTY OWNERS

PROPERTY OWNERS' NAMES, WHERE SHOWN ON THE PLANS, ARE FOR INFORMATION ONLY AND THEIR ACCURACY IS NOT GUARANTEED.

EROSION CONTROL NOTES

ALL SILT CONTROL DEVICES SHALL BE SIZED TO RETAIN A VOLUME OF 3,600 CUBIC FEET PER DISTURBED CONTRIBUTING ACRE.

THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS TO MINIMIZE THE AMOUNT OF DISTURBED GROUND DURING EACH PHASE OF CONSTRUCTION. THE CONTRACTOR SHALL COMPUTE THE VOLUME NECESSARY TO CONTROL SEDIMENT DURING EACH PHASE OF CONSTRUCTION. AS WORK PROCEEDS, SILT TRAPS MAY BE ADDED OR REMOVED IN ORDER TO ACHIEVE THE BEST MANAGEMENT PLAN. THE REQUIRED VOLUME AT EACH ADDED SILT TRAP SHALL BE COMPUTED AS UP GRADIENT CONTRIBUTING AREAS ARE DISTURBED OR ARE STABILIZED TO THE SATISFACTION OF THE ENGINEER. THE REQUIRED VOLUME CALCULATION FOR EACH SILT TRAP SHALL BE DETERMINED BY THE CONTRACTOR AND VERIFIED BY THE ENGINEER. THE REQUIRED VOLUME AT EACH SILT TRAP MAY BE REDUCED BY THE FOLLOWING AMOUNTS:

- UP GRADIENT AREAS NOT DISTURBED (ACRES).
- UP GRADIENT AREAS THAT HAVE BEEN RECLAIMED AND PROTECTED BY EROSION CONTROL BLANKET OR OTHER GROUND PROTECTION MATERIAL SUCH AS TEMPORARY MULCH.(ACRES).
- THE USE OF TEMPORARY MULCH IS ENCOURAGED.
- UP GRADIENT AREAS THAT HAVE BEEN PROTECTED BY SILT FENCE (ACRES). AREAS PROTECTED BY SILT FENCE SHALL BE COMPUTED AT A MAXIMUM RATE OF 100 SQUARE FOOT PER LINEAR FOOT OF SILT FENCE.
- UP GRADIENT AREAS THAT HAVE BEEN PROTECTED BY SILT TRAPS (ACRES).

THE EROSION CONTROL PLAN SHALL BE ANNOTATED AS THE WORK PROCEEDS BY THE CONTRACTOR TO DETAIL THE SELECTION OF EACH EROSION CONTROL DEVICE USED AND THE VOLUME PROVIDED BY EACH SILT TRAP IN ACCORDANCE WITH THE DOCUMENTATION PROCEDURES ESTABLISHED BY THE DIVISION OF CONSTRUCTION.

IF A SILT BASIN IS NOT USED THEN ONE SILT TRAP TYPE A, ALTERNATE NUMBER 2 OR SILT TRAP TYPE B SHALL ALWAYS BE PLACED AT THE MOST REMOTE DOWNSTREAM COLLECTION POINT PRIOR TO DISCHARGING INTO A BLUE LINE STREAM OR ONTO AN ADJACENT PROPERTY OWNER. WHERE OVERLAND FLOW EXIST, A SILT FENCE OR OTHER FILTER DEVICES MAY BE USED OR THE OVERLAND FLOW MAY BE DIVERTED TO ONE OF THE AFOREMENTED SILT BASIN OR TRAPS.

THE EROSION CONTROL PLANS DO NOT CONSTITUTE A BMP BY THEMSELVES. THEY PROVIDE A STARTING POINT FOR THE CONTRACTOR AND SECTION ENGINEER TO DEVELOP THE BMP ACCORDING TO SECTION 213.03.01 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AND THE SUPPLEMENTAL SPECS EFFECTIVE WITH THE OCTOBER, 2004 LETTING.

EROSION CONTROL MEASURES SHALL BE IN PLACE AND FUNCTIONING PRIOR TO ANY EXCAVATION OR DISTURBANCE WITHIN A DRAINAGE AREA.

THE CONTRACTOR SHALL BE REQUIRED TO CLEAN OUT (REMOVE SEDIMENT FROM) SILT TRAPS AND SILT FENCES WHENEVER THEY BECOME ONE- HALF FULL AND PROPERLY DISPOSE OF THE MATERIAL AT SITES APPROVED BY THE SECTION ENGINEER.

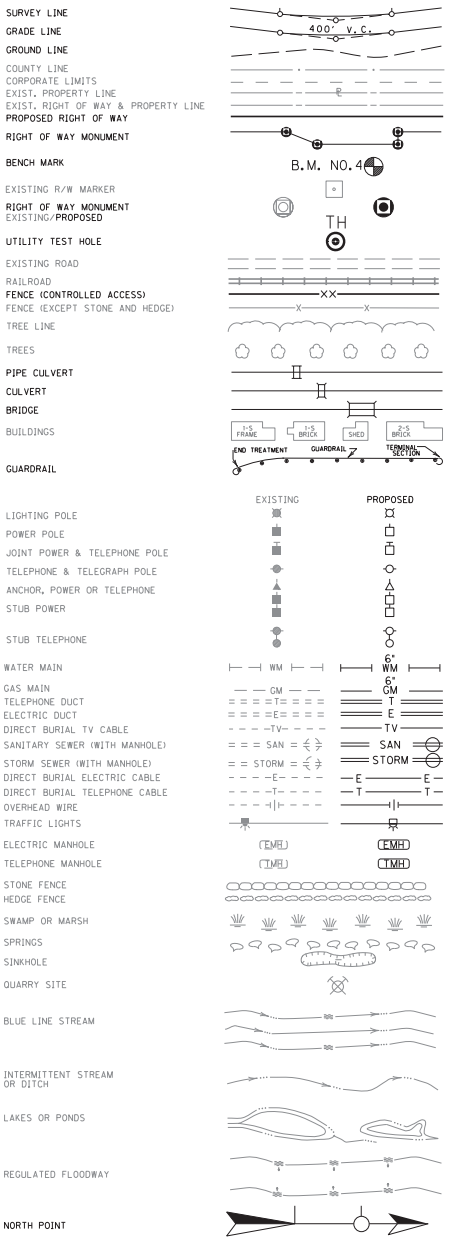
EROSION CONTROL MEASURES EMPLOYED BY THE CONTRACTOR WILL BE UNIQUE TO THE PROJECT AND WORK CONDITIONS AND SHALL BE APPROVED BY THE RESIDENT ENGINEER. THE DEVELOPMENT AND UTILIZATION OF THESE MEASURES WILL BE RECORDED AS PARTOF THE BMP, KEPT ON SITE, AND AVAILABLE FOR PUBLIC INSPECTION.

NOTE: ADDITIONAL EXCAVATION, GRADING, OR OTHER SOIL DISTURBING ACTIVITIES OUTSIDE THE DISTURB LIMITS AS SHOWN TO BE ADDRESSED BY THE CONTRACTOR. EROSION PREVENTION AND SEDIMENT CONTROLS FOR THOSE ACTIVITIES TO BE SHOWN ON LATER VERSIONS OF THE BMP KEPT ON SITE.

US 25W AND I-75 EXIT 15
ROUNDABOUTS
GENERAL NOTES

Power InRoads v8.11.9.397 | E-SHEET NAME: | USER: bhicks DATE PLOTTED: January 6, 2022 | FILE NAME: K:\180060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\R002FGN.DGN

CONVENTIONAL SIGNS



UTILITY OWNERS

COUNTY OF	ITEM NO.	SHEET #
WHITLEY	11-9015.20	R2G

AT&T
O'DELL KEENE
131 AMESBURY AVENUE
MIDDLESBORO, KY 40965
606-248-7243
ok3919@att.com

CHARTER
LEE BOWLIN
105 W. THIRD STREET
CORBIN, KY 40701
606-271-2504
albert.bowlin@charter.com

DELTA NATURAL GAS COMPANY
BRIAN SIDWELL
3617 LEXINGTON ROAD
WINCHESTER, KY 40391
859-744-6171, EXT. 1234

KU
DAVID LAUN
180 SUBSTATION ROAD
LONDON, KY 40741
606-864-2821
David.Laun@lge-ku.com

CITY OF WILLIAMSBURG
RODDY HARRISON
116 N. MAIN STREET
WILLIAMSBURG, KY 40769
606-549-6034
roddy.harrison@williamsburgky.com

WHITLEY COUNTY WATER DISTRICT
ALBERT MAHAN
19 S HWY US 25W
WILLIAMSBURG, KY 40769
606-549-3600
wcwd@bellsouth.net

WINDSTREAM
BRYAN REED
606-878-3263

BEFORE YOU DIG

The contractor is instructed to call 1-800-752-6007 to reach KY 811, the one-call system for information on the location of existing underground utilities. The call is to be placed a minimum of two (2) and no more than ten (10) business days prior to excavation. The contractor should be aware that owners of underground facilities are not required to be members of the KY 811 one-call Before-U-Dig (BUD) service. The contractor must coordinate excavation with the utility owners, including those whom do not subscribe to KY 811. It may be necessary for the contractor to contact the County Court Clerk to determine what utility companies have facilities in the area.

US 25W AND I-75 EXIT 15
ROUNDABOUTS
LEGEND AND UTILITY OWNERS

FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\R0020PL_UTILITY.DGN
USER: bhicks
DATE PLOTTED: January 6, 2022
E-SHEET NAME:
Power InRoads v8.11.9.397

CONSTRUCT STEEL "W" BEAM GUARDRAIL (7 FT POST)			
LT/RT	STA. TO STA.	LF	END TREATMENT
LT	101+44.92 TO 104+00.00	200	TYPE 1
RT	101+46.42 TO 104+00.00	206	TYPE 1

CONSTRUCT LIP CURB AND GUTTER		
LT/RT	STA. TO STA.	LF
RT	103+64.93-104+00.00	36

REMOVE GUARDRAIL

RT. STA. 101+36.54 TO STA. 104+00.00, REMOVE 270 LF.

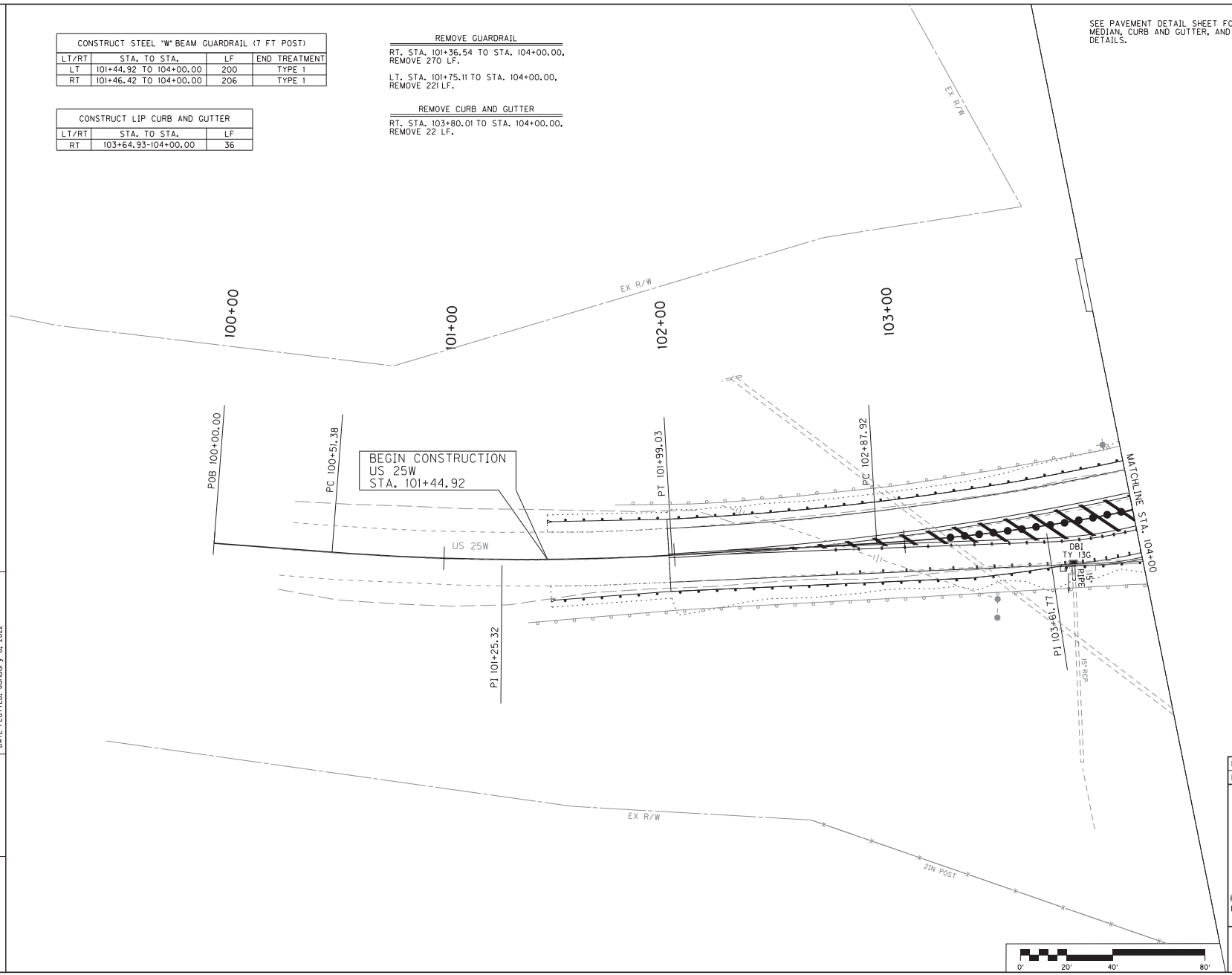
LT. STA. 101+75.11 TO STA. 104+00.00, REMOVE 221 LF.

REMOVE CURB AND GUTTER

RT. STA. 103+80.01 TO STA. 104+00.00, REMOVE 22 LF.

SEE PAVEMENT DETAIL SHEET FOR MOUNTABLE MEDIAN, CURB AND GUTTER, AND PAVMENT RADII DETAILS.

COUNTY OF	ITEM NO.	SHEET #
WHITLEY	11-9015.20	R3



SCALE: 1"=20'

DESIGNED BY:

DATE SUBMITTED:

Commonwealth of Kentucky
DEPARTMENT OF HIGHWAYS
COUNTY OF

WHITLEY

PROJECT NUMBERS:

US 25W AND I-75 EXIT 15
ROUNDABOUTS
PLAN SHEET 1

USER: bhicks
DATE PLOTTED: January 6, 2022

E-SHEET NAME:

Power InRoads v8.11.9.397

FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\R0030PL.DGN

COUNTY OF	ITEM NO.	SHEET NO.
WHITLEY	11-9015.20	R4

US 25W AND I-75 EXIT 15
ROUNDABOUTS
PLAN SHEET 2

SCALE: 1"=20'

CONSTRUCT MOUNTABLE MEDIAN TYPE 1A

LT/RT	STA. TO STA.	SQYD
MED	104+20.98-104+76.50	75
MED	104+93.50-105+66.50	466
MED	105+83.50-106+34.58	59

CONSTRUCT STAMPED CONCRETE TRUCK APRON

LT/RT	STA. TO STA.	SQYD
RT	104+04.14-104+91.94	91
LT	104+62.15-104+88.76	19
LT	201+77.75-202+29.49	41
RT	201+92.97-202+40.00	37
LT	203+44.63-204+00.71	55
LT	105+16.65-105+81.81	30
RT	105+43.58-105+90.60	61

CONSTRUCT STEEL "W" BEAM GUARDRAIL (7 FT POST)

LT/RT	STA. TO STA.	LF	END TREATMENT
RT	104+00.00-105+18.75	120	-
LT	104+00.00-104+52.88	2	TYPE 1
RT	203+24.44-204+81.94	122	TYPE 1
LT	108+40.00-109+81.38	90	TYPE 1, CONN. TO BRIDGE TYPE A
RT	108+40.00-109+89.15	98	TYPE 1, CONN. TO BRIDGE TYPE A

CONSTRUCT LIP CURB AND GUTTER

LT/RT	STA. TO STA.	LF
RT	104+00.00-105+18.75	128
LT	104+62.15-104+88.76	49
LT	105+16.88-105+81.81	59
RT	105+43.76-105+90.60	36
RT	201+20.00-202+40.00	124
LT	201+20.00-202+29.62	112
RT	203+24.44-204+30.00	121
LT	203+44.53-204+30.00	82

REMOVE CURB AND GUTTER

RT. STA. 104+00.00 TO STA. 105+25.27, REMOVE 127 LF.
RT. STA. 201+20.00 TO STA. 202+37.58, REMOVE 126 LF.
LT. STA. 201+20.00 TO STA. 202+43.60, REMOVE 138 LF.
RT. STA. 203+27.82 TO STA. 204+30.00, REMOVE 114 LF.
LT. STA. 203+90.19 TO STA. 204+30.00, REMOVE 109 LF.

REMOVE GUARDRAIL

LT. STA. 104+00.00 TO STA. 104+53.82, REMOVE 55 LF.
RT. STA. 202+93.07 TO STA. 204+38.82, REMOVE 245 LF.
LT. STA. 108+41.52 TO STA. 109+89.18, REMOVE 149 LF.
RT. STA. 108+44.38 TO STA. 109+97.47, REMOVE 154 LF.

REMOVE HEADWALL

LT. STA. 104+73, REMOVE 1 HEADWALL
LT. STA. 202+16, REMOVE 1 HEADWALL

REMOVE INLET

LT. STA. 104+73, REMOVE 1 INLET
LT. STA. 202+16, REMOVE 1 INLET

REMOVE PIPE

LT. STA. 104+73, REMOVE 13 LF
LT. STA. 202+16, REMOVE 7 LF

DITCH CONSTRUCTION CHART

SIDE	STA. TO STA.	DESCRIPTION	LINING	QUANTITY	D	T
RT	104+57.92-104+61.37	OUTLET DITCH	CL II	5 TONS	1.00	1.25
RT	201+64.61-201+64.64	OUTLET DITCH	CL II	5 TONS	1.00	1.25

SEE PAVEMENT DETAIL SHEET FOR MOUNTABLE MEDIAN, CURB AND GUTTER, AND PAVMENT RADII DETAILS.

BEGIN CONSTRUCTION
I-75 NB OFF RAMP
STA. 200+25.00

END CONSTRUCTION
US 25W
STA. 109+85.00

END CONSTRUCTION
I-75 NB ON RAMP
STA. 205+00.00

US 25W STA. 105+30.00=
I-75 NB ON/OFF RAMPS
STA. 202+85.00

DO NOT DISTURB EXISTING BRIDGE.

REMOVE EX. PIPE, INLET, AND HEADWALL.

SLOPED & MITERED CONCRETE HEADWALL

FLUME INLET TYPE 1 MOD RT. STA. 104+66.81. SEE DETAIL.

MATCHLINE STA. 104+00

PC 201+75.18
PI 202+15.67
PT 202+55.67
PC 202+94.64
PI 203+37.90
PT 203+70.65
PC 105+96.
PI 106+09.56
PC 106+37.54
PI 106+92.63
PT 106+22.94
PI 104+51.41
PT 104+35.21
PC 104+35.39
PT 104+67.39
PI 203+37.90
PT 107+47.60
PI 202+15.67
PC 201+75.18
PI 104+51.41
PC 104+35.39
PT 104+67.39
PI 203+37.90
PT 203+70.65
PC 105+96.
PI 106+09.56
PC 106+37.54
PI 106+92.63
PT 106+22.94
PT 107+47.60
POE 110+00.00
POE 205+30.00

I-75 NB OFF RAMP
I-75 NB ON RAMP
US 25W
ASPHALT-CONC
DBI TY 13G
18" PIPE
15" RCP
18" RCP

COUNTY OF	ITEM NO.	SHEET NO.
WHITLEY	11-9015.20	R5

REMOVE HEADWALL

LT. STA. 305+35, REMOVE 1 HEADWALL

LT. STA. 401+73, REMOVE 1 HEADWALL

LT. STA. 403+52, REMOVE 1 HEADWALL

REMOVE INLET

LT. STA. 305+35, REMOVE 1 INLET

LT. STA. 401+73, REMOVE 1 INLET

LT. STA. 403+52, REMOVE 1 INLET

REMOVE PIPE

LT. STA. 305+35, REMOVE 8 LF

LT. STA. 401+73, REMOVE 8 LF

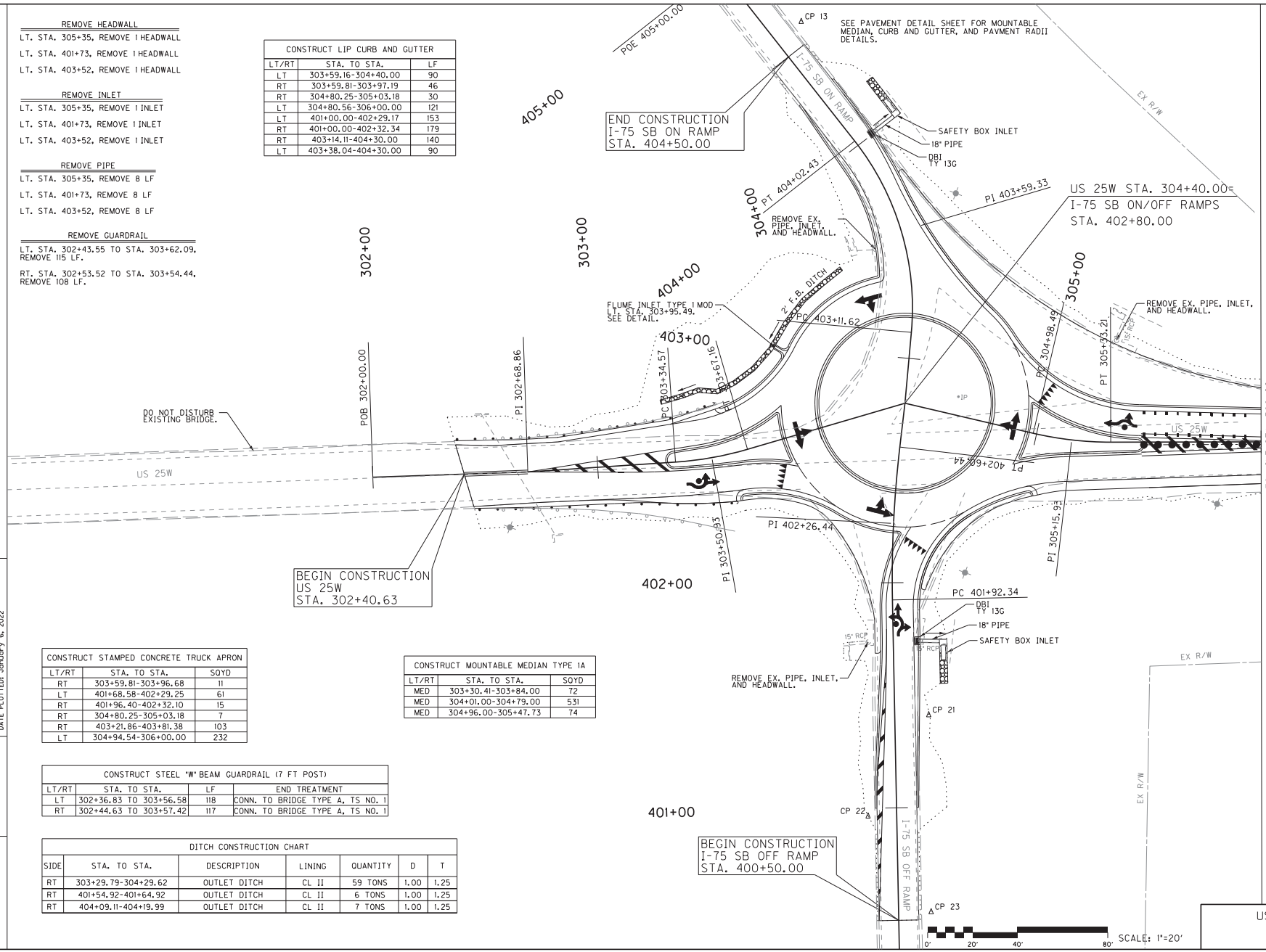
LT. STA. 403+52, REMOVE 8 LF

REMOVE GUARDRAIL

LT. STA. 302+43.55 TO STA. 303+62.09, REMOVE 115 LF.

RT. STA. 302+53.52 TO STA. 303+54.44, REMOVE 108 LF.

CONSTRUCT LIP CURB AND GUTTER		
LT/RT	STA. TO STA.	LF
LT	303+59.16-304+40.00	90
RT	303+59.81-303+97.19	46
RT	304+80.25-305+03.18	30
LT	304+80.56-306+00.00	121
LT	401+00.00-402+29.17	153
RT	401+00.00-402+32.34	179
RT	403+14.11-404+30.00	140
LT	403+38.04-404+30.00	90



CONSTRUCT STAMPED CONCRETE TRUCK APRON		
LT/RT	STA. TO STA.	SQYD
RT	303+59.81-303+96.68	11
LT	401+68.58-402+29.25	61
RT	401+96.40-402+32.10	15
RT	304+80.25-305+03.18	7
RT	403+21.86-403+81.38	103
LT	304+94.54-306+00.00	232

CONSTRUCT MOUNTABLE MEDIAN TYPE 1A		
LT/RT	STA. TO STA.	SQYD
MED	303+30.41-303+84.00	72
MED	304+01.00-304+79.00	531
MED	304+96.00-305+47.73	74

CONSTRUCT STEEL "W" BEAM GUARDRAIL (7 FT POST)			
LT/RT	STA. TO STA.	LF	END TREATMENT
LT	302+36.83 TO 303+56.58	118	CONN. TO BRIDGE TYPE A, TS NO. 1
RT	302+44.63 TO 303+57.42	117	CONN. TO BRIDGE TYPE A, TS NO. 1

DITCH CONSTRUCTION CHART						
SIDE	STA. TO STA.	DESCRIPTION	LINING	QUANTITY	D	T
RT	303+29.79-304+29.62	OUTLET DITCH	CL II	59 TONS	1.00	1.25
RT	401+54.92-401+64.92	OUTLET DITCH	CL II	6 TONS	1.00	1.25
RT	404+09.11-404+19.99	OUTLET DITCH	CL II	7 TONS	1.00	1.25

REMOVE CURB AND GUTTER

RT. STA. 303+89.57 TO STA. 303+93.11, REMOVE 8 LF.

LT. STA. 304+04.89 TO STA. 304+40.00, REMOVE 53 LF.

RT. STA. 304+83.04 TO STA. 304+89.54, REMOVE 11 LF.

LT. STA. 304+95.52 TO STA. 306+00.00, REMOVE 99 LF.

LT. STA. 401+00.00 TO STA. 402+24.58, REMOVE 131 LF.

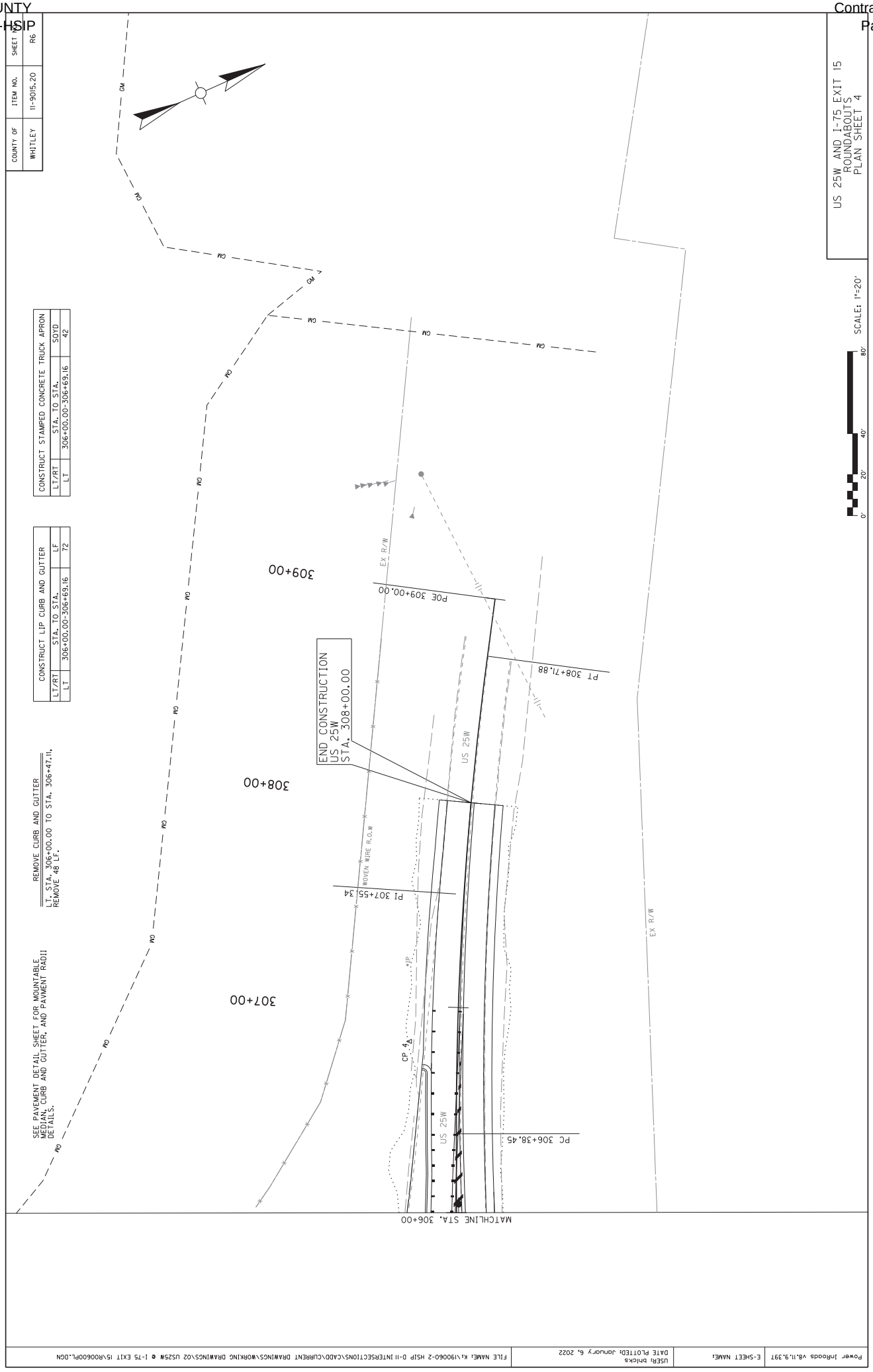
RT. STA. 401+00.00 TO STA. 402+29.31, REMOVE 135 LF.

RT. STA. 403+22.34 TO STA. 404+30.00, REMOVE 143 LF.

LT. STA. 403+22.17 TO STA. 404+30.00, REMOVE 101 LF.

US 25W AND I-75 EXIT 15
ROUNDABOUTS
PLAN SHEET 3

FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\R005GOPL.DGN
USER: bhicks
DATE PLOTTED: January 6, 2022
E-SHEET NAME:
Power InRoads v8.11.9.397


COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. R6
US 25W AND I-75 EXIT 15 ROUNDABOUTS PLAN SHEET 4
SCALE: 1"=20'
0' 20' 40' 80'
CONSTRUCT STAMPED CONCRETE TRUCK APRON
LT/RT | STA. TO STA. | SQYD
LT | 306+00.00-306+69.16 | 42
CONSTRUCT LIP CURB AND GUTTER
LT/RT | STA. TO STA. | LF
LT | 306+00.00-306+69.16 | 72
REMOVE CURB AND GUTTER
LT. STA. 306+00.00 TO STA. 306+47.11, REMOVE 48 LF.
SEE PAVEMENT DETAIL SHEET FOR MOUNTABLE MEDIAN, CURB AND GUTTER, AND PAVMENT RADII DETAILS.
309+00
308+00
307+00
EX R/W
POE 309+00.00
PT 308+71.88
END CONSTRUCTION US 25W STA. 308+00.00
US 25W
WOVEN WIRE R.O.W
PI 307+55.34
CP
CP
US 25W
PC 306+38.45
EX R/W
MATCHLINE STA. 306+00
Power Inroads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: January 6, 2022
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\R00600PL.DGN

COUNTY OF	ITEM NO.	SHEET NO.
WHITLEY	11-9015.20	R7

NOTES:
SEE CROSS SECTIONS FOR FINAL ELEVATIONS.

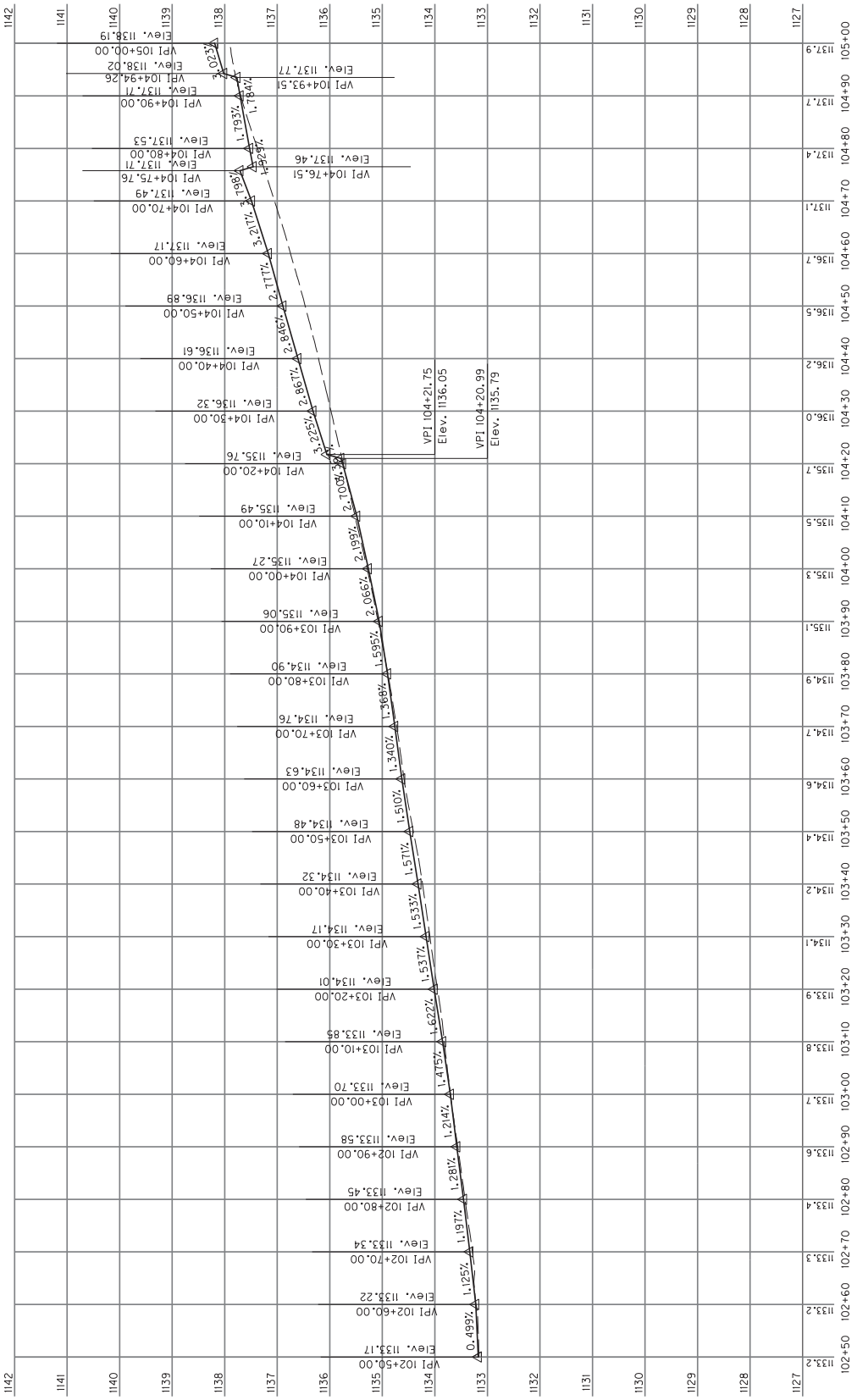
SCALE: 1" = 10' HORIZONTAL
1" = 1' VERTICAL

US 25W AND I-75 EXIT 15
ROUNDABOUTS
US 25W PROFILE SHEET 1

COUNTY OF	ITEM NO.	SHEET NO.
WHITLEY	11-9015.20	R8

NOTES:
SEE CROSS SECTIONS FOR FINAL ELEVATIONS.

SCALE: 1" = 10' HORIZONTAL
1" = 1' VERTICAL

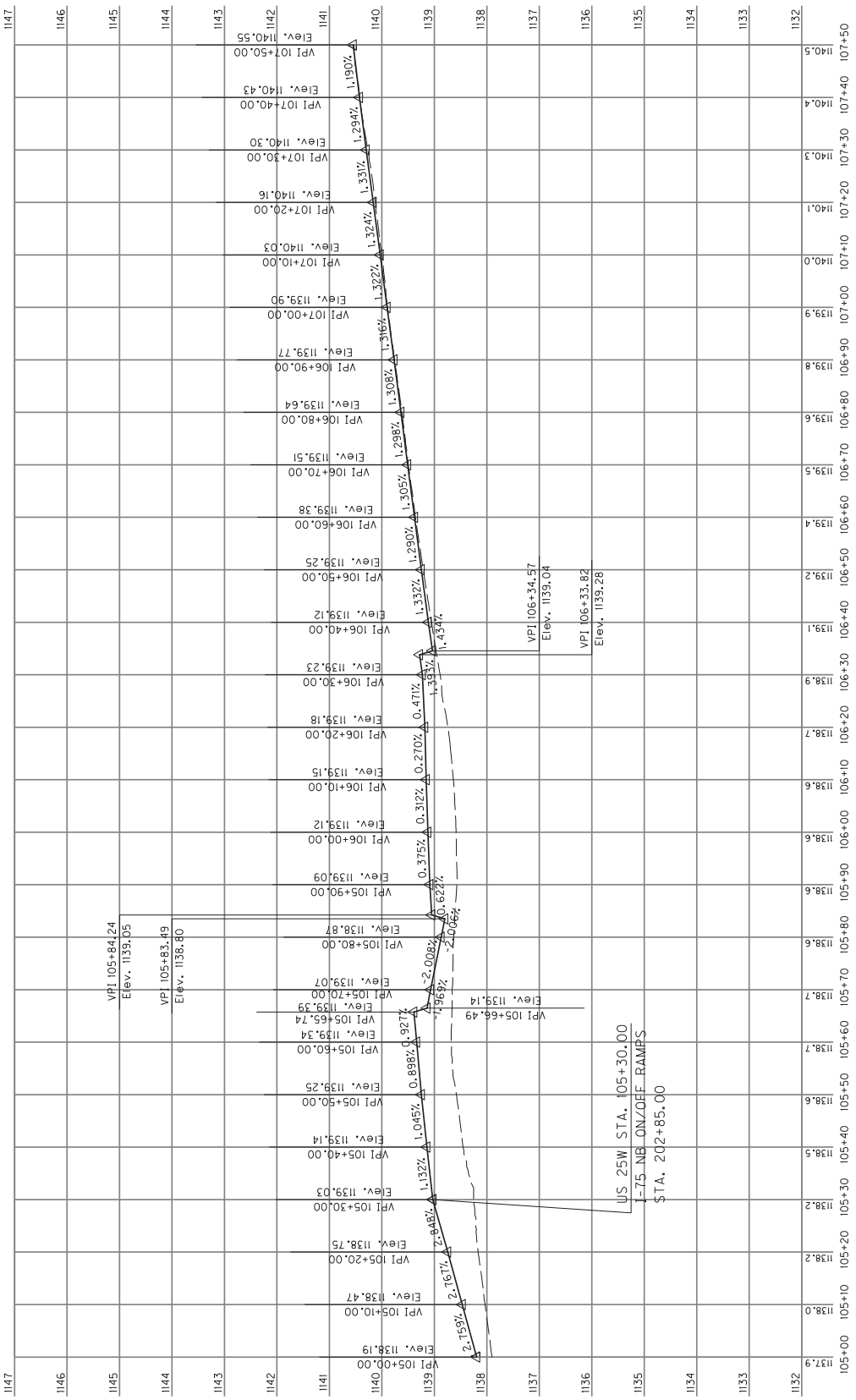


US 25W AND I-75 EXIT 15
ROUNDABOUTS
US 25W PROFILE SHEET 2

COUNTY OF	ITEM NO.	SHEET NO.
WHITLEY	11-9015.20	R9

NOTES:
SEE CROSS SECTIONS FOR FINAL ELEVATIONS.

SCALE: 1" = 10' HORIZONTAL
1" = 1' VERTICAL

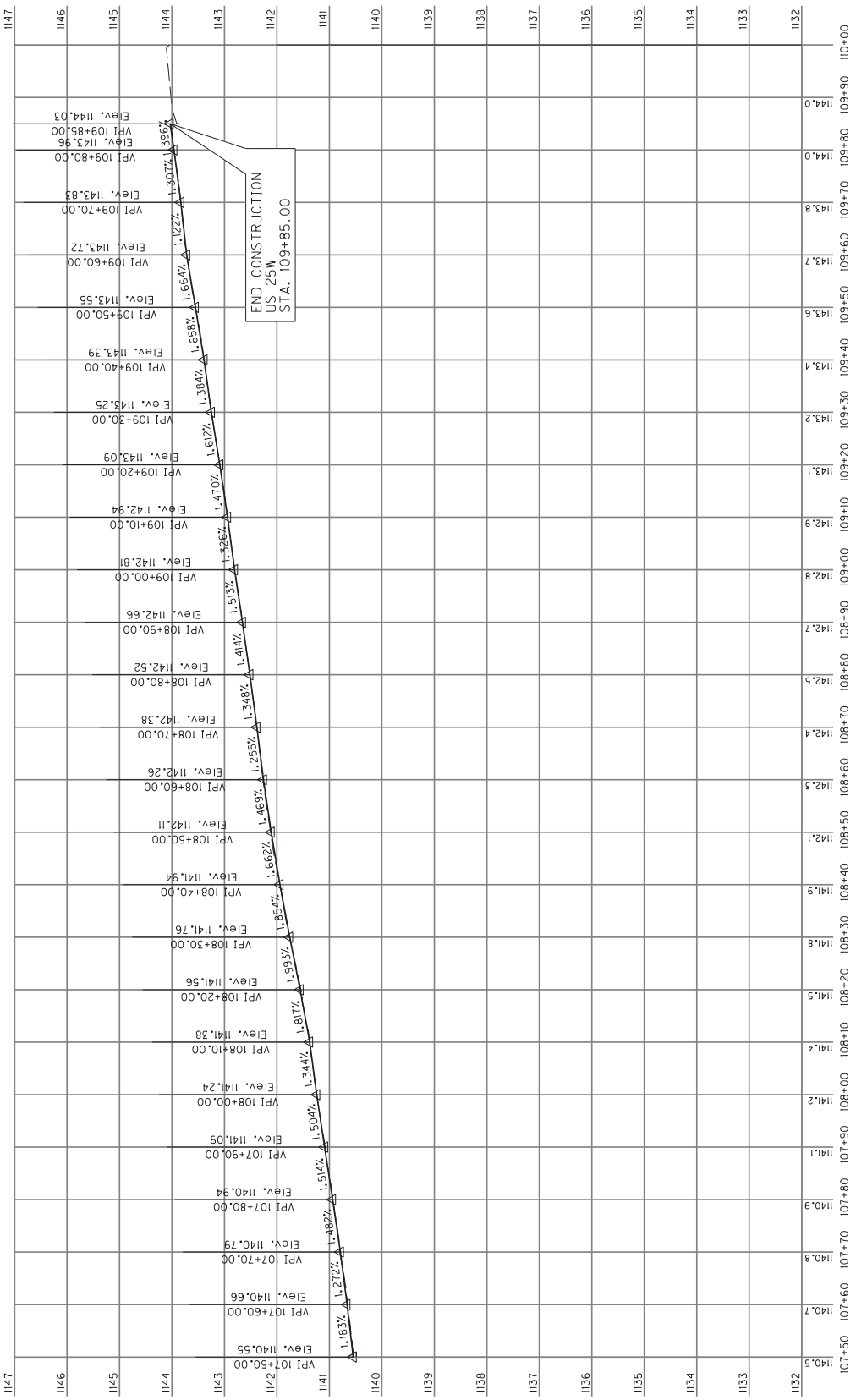


US 25W AND I-75 EXIT 15
ROUNDABOUTS
US 25W PROFILE SHEET 3

COUNTY OF	ITEM NO.	SHEET NO.
WHITLEY	11-9015.20	R10

NOTES:
SEE CROSS SECTIONS FOR FINAL ELEVATIONS.

SCALE: 1" = 10' HORIZONTAL
1" = 1' VERTICAL



US 25W AND I-75 EXIT 15
ROUNDABOUTS
US 25W PROFILE SHEET 4

COUNTY OF	ITEM NO.	SHEET NO.
WHITLEY	11-9015.20	R11

NOTES:
SEE CROSS SECTIONS FOR FINAL ELEVATIONS.

SCALE: 1" = 10' HORIZONTAL
1" = 1' VERTICAL

US 25W AND I-75 EXIT 15
ROUNDABOUTS
US 25W PROFILE SHEET 5

COUNTY OF	ITEM NO.	SHEET NO.
WHITLEY	11-9015.20	RI2

NOTES:
SEE CROSS SECTIONS FOR FINAL ELEVATIONS.

SCALE: 1" = 10' HORIZONTAL
1" = 1' VERTICAL

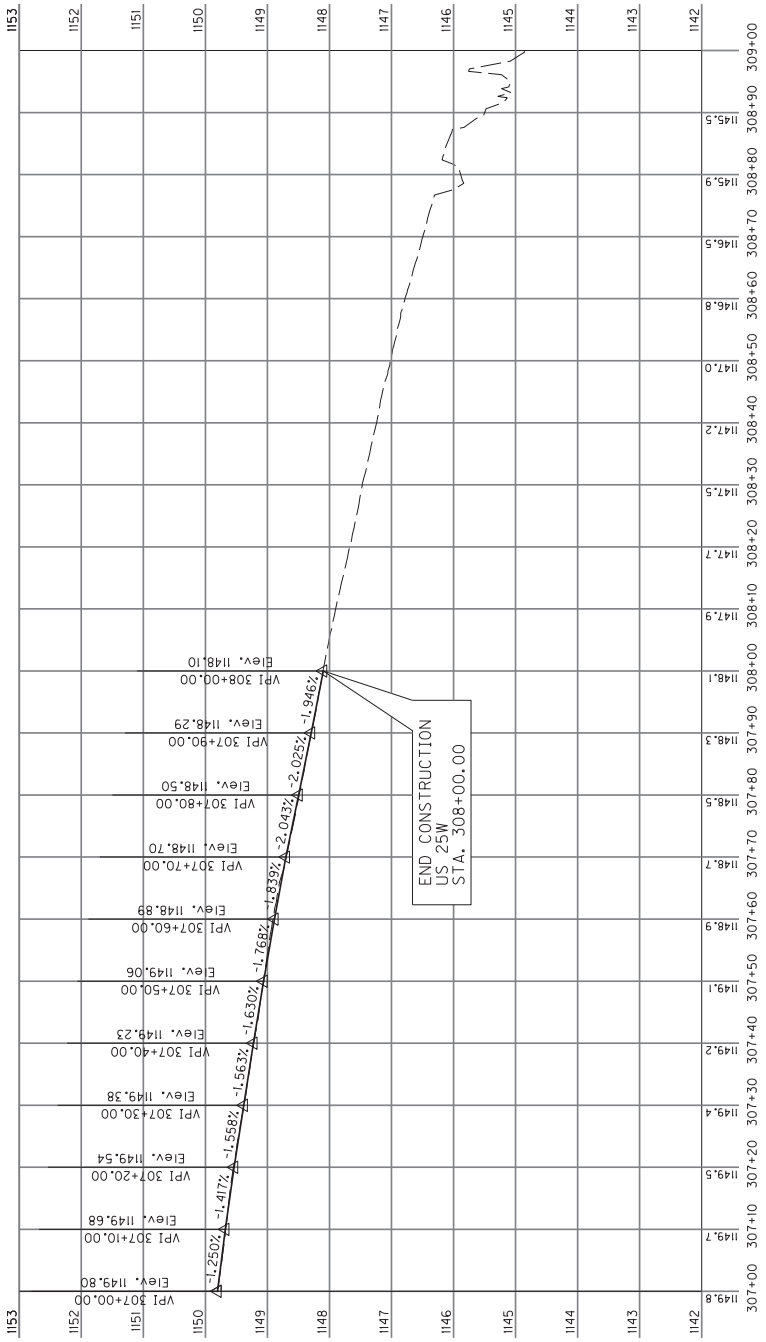
US 25W AND I-75 EXIT 15
ROUNDABOUTS
US 25W PROFILE SHEET 6

COUNTY OF	ITEM NO.	SHEET NO.
WHITLEY	11-9015.20	R13

NOTES:
SEE CROSS SECTIONS FOR FINAL ELEVATIONS.

SCALE: 1" = 10' HORIZONTAL
1" = 1' VERTICAL

US 25W AND I-75 EXIT 15
ROUNDABOUTS
US 25W PROFILE SHEET 7

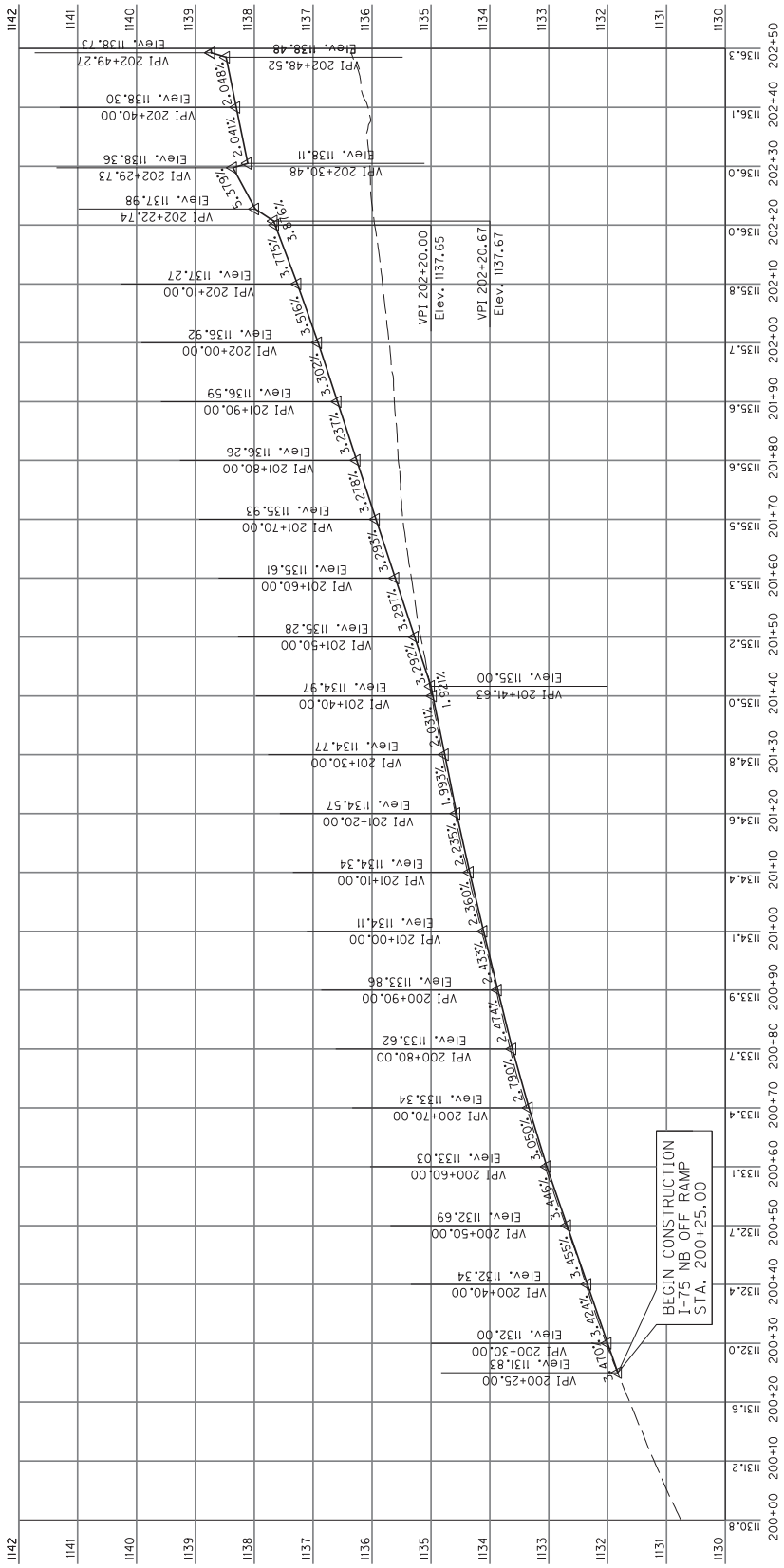


COUNTY OF	ITEM NO.	SHEET NO.
WHITLEY	11-9015.20	RI4

NOTES:
SEE CROSS SECTIONS FOR FINAL ELEVATIONS.

US 25W AND I-75 EXIT 15
ROUNDABOUTS
I-75 NB ON/OFF RAMP PROFILE SHEET 1

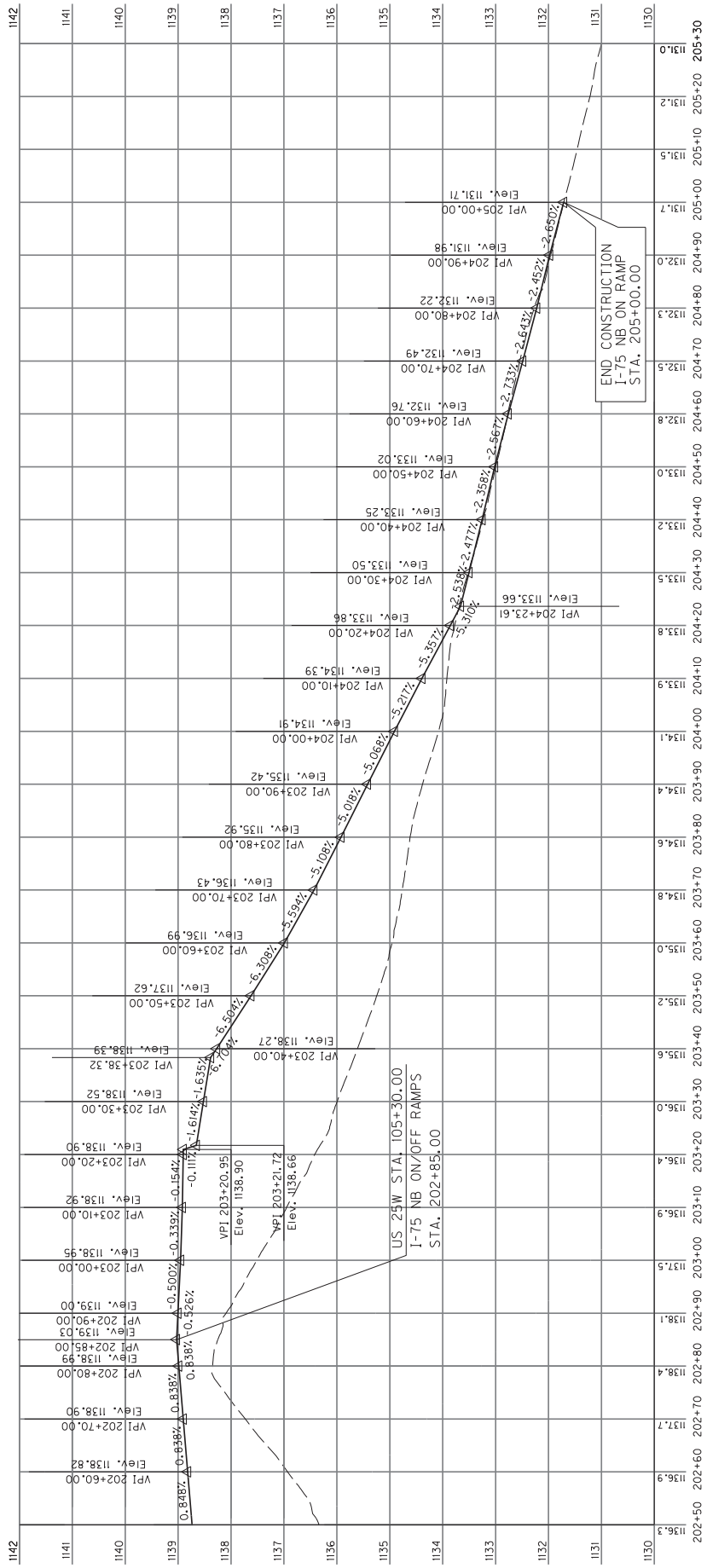
SCALE: 1" = 10' HORIZONTAL
1" = 1' VERTICAL



COUNTY OF	ITEM NO.	SHEET NO.
WHITLEY	11-9015.20	R15

NOTES:
SEE CROSS SECTIONS FOR FINAL ELEVATIONS.

SCALE: 1" = 10' HORIZONTAL
1" = 1' VERTICAL

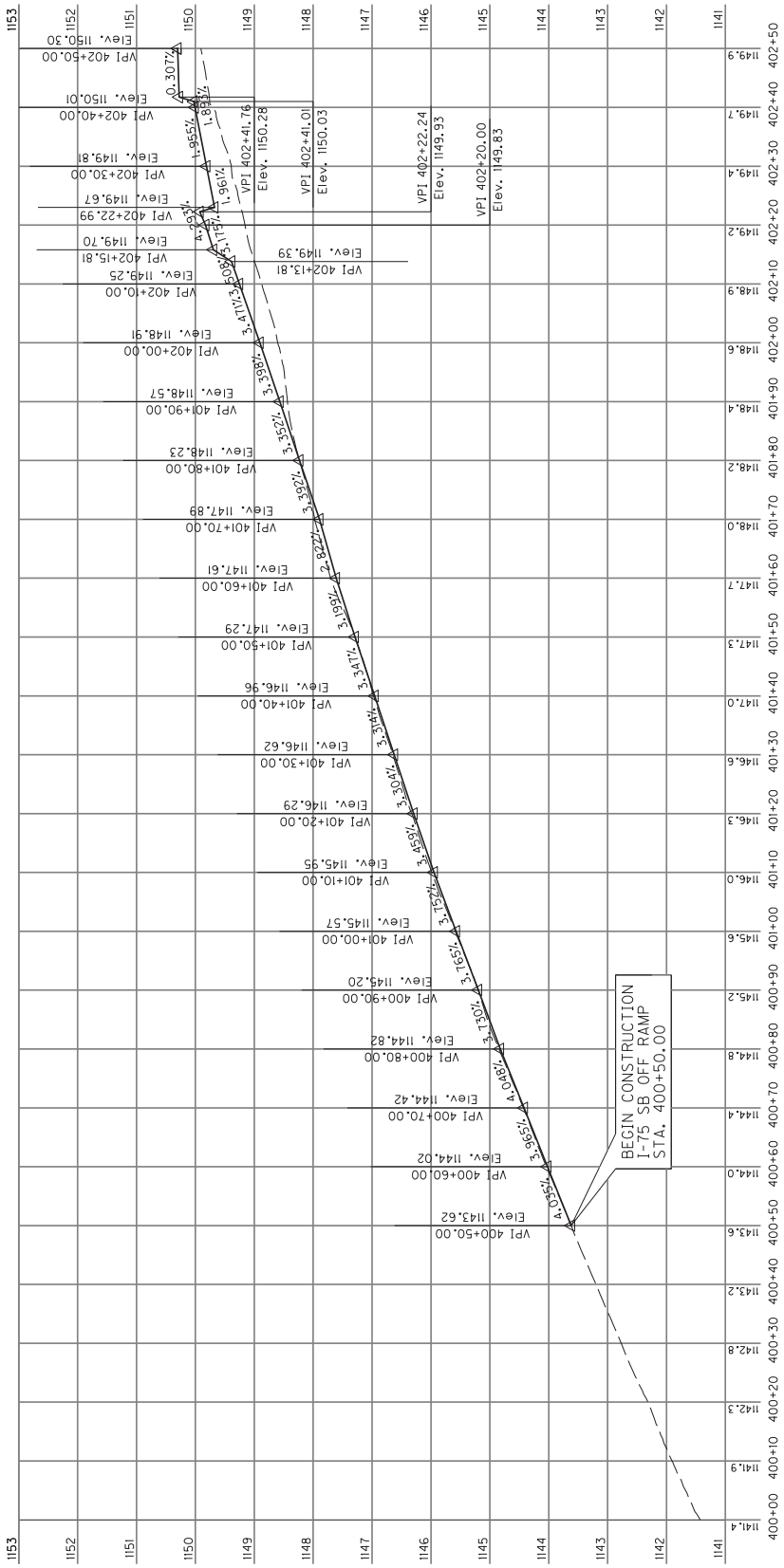


US 25W AND I-75 EXIT 15
ROUNDABOUTS
I-75 NB ON/OFF RAMP PROFILE SHEET 2

COUNTY OF	ITEM NO.	SHEET NO.
WHITLEY	11-9015.20	R16

NOTES:
SEE CROSS SECTIONS FOR FINAL ELEVATIONS.

SCALE: 1" = 10' HORIZONTAL
1" = 1' VERTICAL



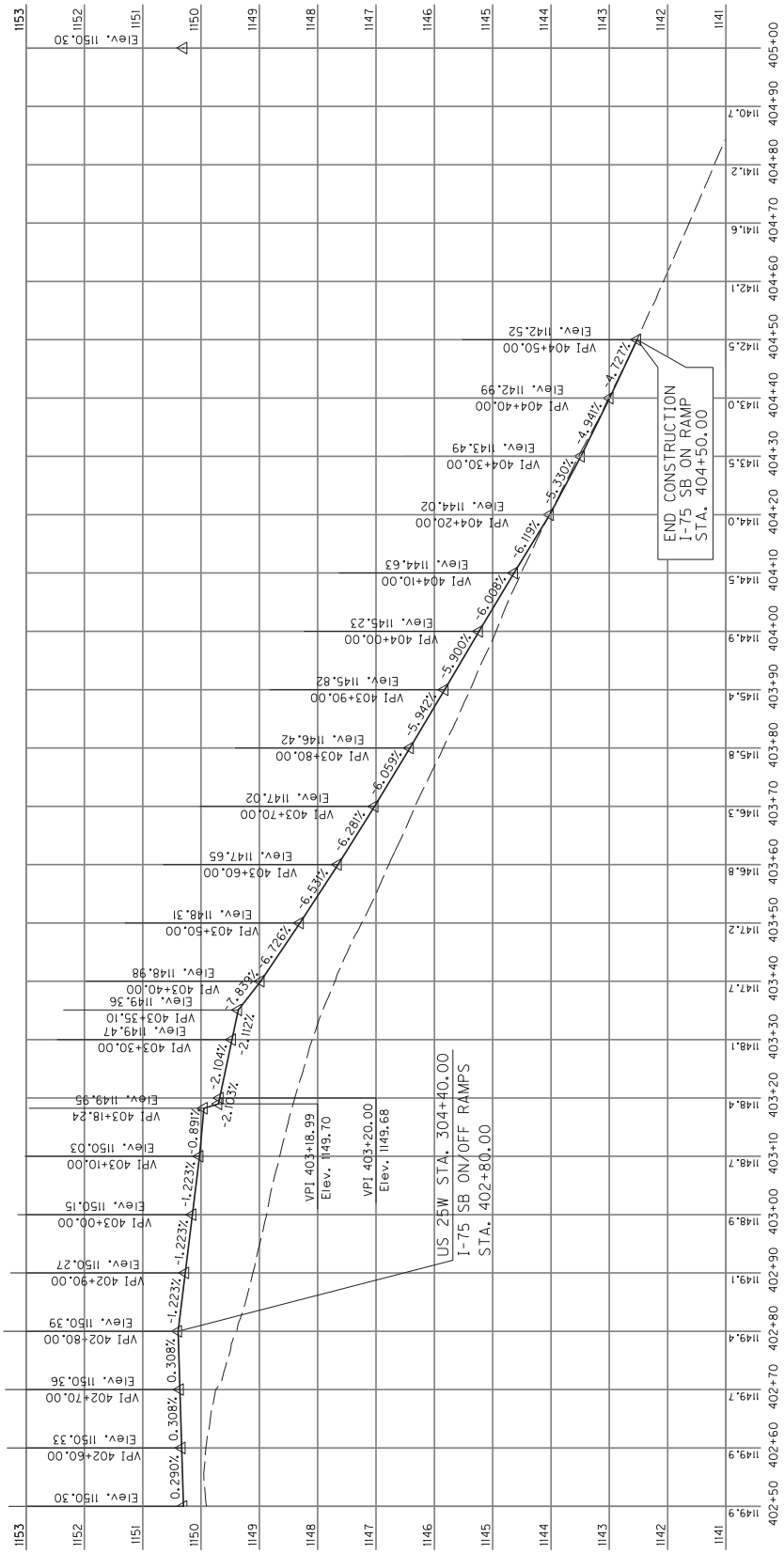
US 25W AND I-75 EXIT 15
ROUNDABOUTS
I-75 SB ON/OFF RAMP PROFILE SHEET 1

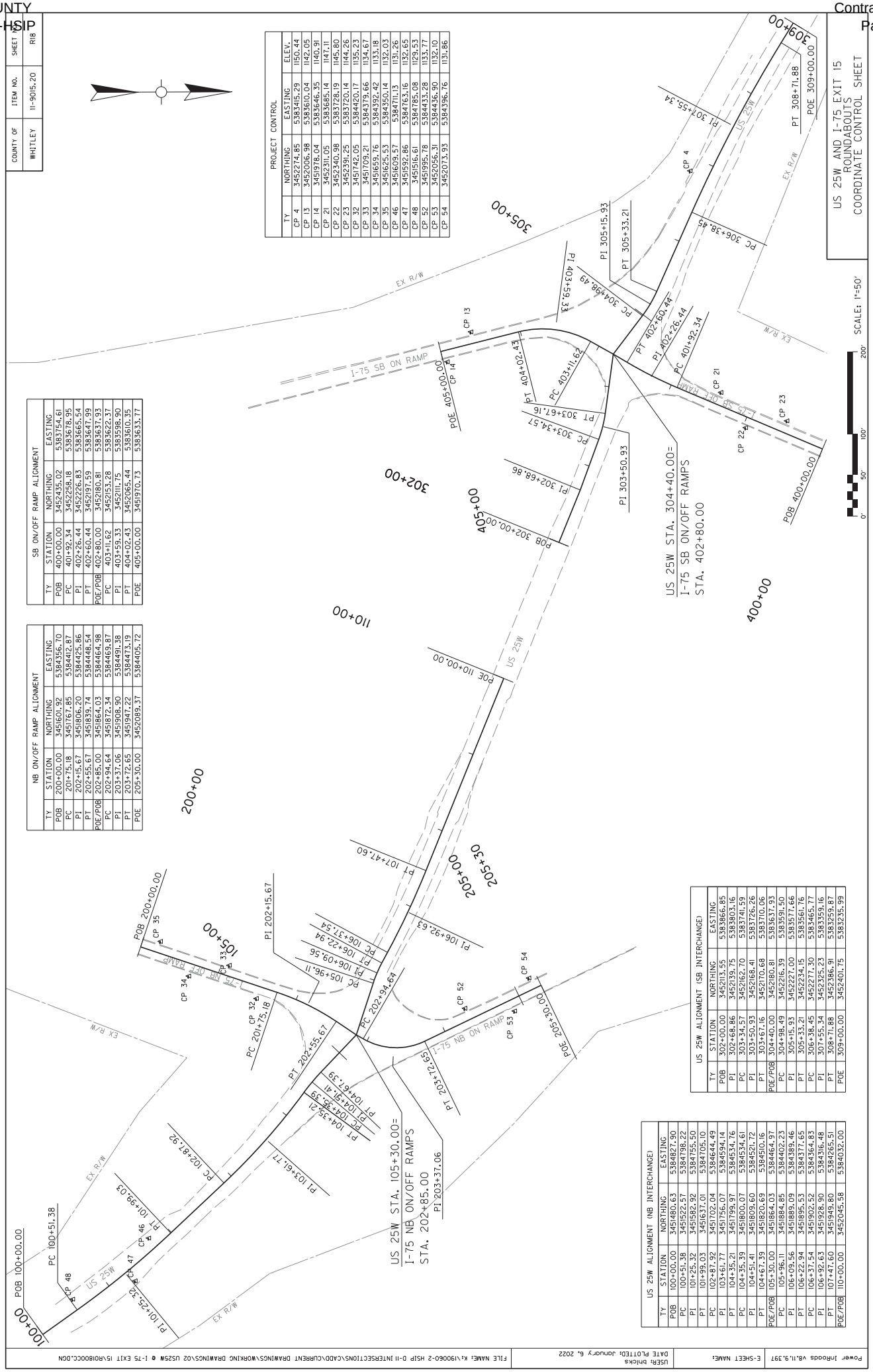
COUNTY OF	ITEM NO.	SHEET NO.
WHITLEY	11-9015.20	R17

NOTES:
SEE CROSS SECTIONS FOR FINAL ELEVATIONS.

SCALE: 1" = 10' HORIZONTAL
1" = 1' VERTICAL

US 25W AND I-75 EXIT 15
ROUNDABOUTS
I-75 SB ON/OFF RAMP PROFILE SHEET 2




COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. RIB
US 25W AND I-75 EXIT 15
ROUNDABOUTS
COORDINATE CONTROL SHEET
SCALE: 1"=50'
PROJECT CONTROL
TY NORTHING EASTING ELEV.
CP 4 3452274.85 5383415.29 1150.44
CP 13 3452006.98 5383610.04 1142.05
CP 14 3451978.04 5383646.35 1140.91
CP 21 3452311.05 5383685.14 1147.11
CP 22 3452340.98 5383728.19 1145.80
CP 23 3452391.25 5383720.14 1144.26
CP 32 3451742.05 5384420.17 1135.23
CP 33 3451709.21 5384379.66 1134.67
CP 34 3451659.76 5384392.42 1133.18
CP 35 3451625.53 5384350.14 1132.03
CP 46 3451609.57 5384711.13 1131.26
CP 47 3451592.86 5384763.16 1132.65
CP 48 3451516.61 5384785.08 1129.53
CP 52 3451995.78 5384433.28 1133.77
CP 53 3452056.31 5384436.90 1132.10
CP 54 3452073.93 5384396.76 1131.86
NB ON/OFF RAMP ALIGNMENT
TY STATION NORTHING EASTING
POB 200+00.00 3451601.92 5384356.70
PC 201+75.18 3451767.85 5384412.87
PI 202+15.67 3451806.20 5384425.86
PT 202+55.67 3451839.74 5384448.54
POE/POB 202+85.00 3451864.03 5384464.98
PC 202+94.64 3451872.34 5384469.87
PI 203+37.06 3451908.90 5384491.38
PT 203+72.65 3451947.22 5384473.19
POE 205+30.00 3452089.37 5384405.72
SB ON/OFF RAMP ALIGNMENT
TY STATION NORTHING EASTING
POB 400+00.00 3452435.02 5383754.61
PC 401+92.34 3452258.18 5383678.95
PI 402+26.44 3452226.83 5383665.54
PT 402+60.44 3452197.59 5383647.99
POE/POB 402+80.00 3452180.81 5383637.93
PC 403+11.62 3452153.28 5383622.37
PI 403+59.33 3452111.75 5383598.90
PT 404+02.43 3452065.44 5383610.35
POE 405+00.00 3451970.73 5383633.77
US 25W ALIGNMENT (NB INTERCHANGE)
TY STATION NORTHING EASTING
POB 100+00.00 3451480.63 5384827.90
PC 100+51.38 3451522.57 5384798.22
PI 101+25.32 3451582.92 5384755.50
PT 101+99.03 3451637.01 5384705.10
PC 102+87.92 3451702.04 5384644.49
PI 103+61.77 3451756.07 5384594.14
PT 104+35.21 3451799.97 5384534.76
PC 104+35.39 3451800.07 5384534.61
PI 104+51.41 3451809.60 5384521.72
PT 104+67.39 3451820.69 5384510.16
POE/POB 105+30.00 3451864.03 5384464.97
PC 105+96.11 3451884.85 5384402.23
PI 106+09.56 3451889.09 5384389.46
PT 106+22.94 3451895.53 5384377.65
PC 106+37.54 3451902.52 5384364.83
PI 106+92.63 3451928.90 5384316.48
PT 107+47.60 3451949.80 5384265.51
POE/POB 110+00.00 3452045.58 5384032.00
US 25W ALIGNMENT (SB INTERCHANGE)
TY STATION NORTHING EASTING
POB 302+00.00 3452133.55 5383866.85
PI 302+68.86 3452139.75 5383803.16
PC 303+34.57 3452162.70 5383741.59
PI 303+50.93 3452168.41 5383726.26
PT 303+67.16 3452170.68 5383710.06
POE/POB 304+40.00 3452180.81 5383637.93
PC 304+98.49 3452216.39 5383591.50
PI 305+15.93 3452227.00 5383577.66
PT 305+33.21 3452234.15 5383561.76
PC 306+38.45 3452277.30 5383465.77
PI 307+55.34 3452325.23 5383359.16
PT 308+71.88 3452386.91 5383259.87
POE 309+00.00 3452401.75 5383235.99
US 25W STA. 105+30.00=
I-75 NB ON/OFF RAMPS
STA. 202+85.00
PI 203+37.06
US 25W STA. 304+40.00=
I-75 SB ON/OFF RAMPS
STA. 402+80.00
PI 303+50.93
POB 100+00.00
PC 100+51.38
POB 200+00.00
PI 202+15.67
PC 201+75.18
PT 202+55.67
PC 202+94.64
PI 203+37.06
PT 203+72.65
POE 205+30.00
POB 302+00.00
PI 302+68.86
PC 303+34.57
PI 303+50.93
PT 303+67.16
PC 303+11.62
PT 404+02.43
POE 405+00.00
POB 400+00.00
PC 401+92.34
PT 402+26.44
PI 402+60.44
PC 403+59.33
PT 404+58.49
PI 305+15.93
PT 305+33.21
PC 306+38.45
PI 307+55.34
PT 308+71.88
POE 309+00.00
I-75 NB ON RAMP
I-75 SB ON RAMP
I-75 NB OFF RAMP
I-75 SB OFF RAMP
US 25W
EX R/W
CP 4
CP 13
CP 14
CP 21
CP 22
CP 23
CP 32
CP 33
CP 34
CP 35
CP 46
CP 47
CP 48
CP 52
CP 53
CP 54
100+00
105+00
110+00
200+00
205+30
302+00
305+00
309+00
400+00
405+00
0'
50'
100'
200'
Power Inroads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: January 6, 2022
FILE NAME: K:\19006O-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\ROIBOOCC.DGN

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. R19
US 25W AND I-75 EXIT 15
ROUNDABOUTS
PAVEMENT DETAIL SHEET 1
SCALE: 1"=20'
0'
20'
40'
80'
I-75 NB OFF RAMP
I-75 NB ON RAMP
US 25W
US 25W
101+00
102+00
103+00
104+00
105+00
106+00
107+00
108+00
202+00
203+00
204+00
205+00
205+30
R=200'
R=200'
R=1.25'
R=50'
R=61'
R=49'
R=65'
R=4'
R=5'
R=5'
R=200'
R=1.25'
R=62'
R=350'
R=1.25'
R=52.5'
R=300'
R=318'
R=350'
R=1.25'
R=60'
R=25'
R=55'
R=4'
R=160'
R=2.3'
R=1'
R=1'
R=1'
R=1'
R=1'
R=52.5'
R=75'
R=75'
R=52.5'
R=40'
R=4'
R=75'
R=1.25'
Power Inroads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: January 6, 2022
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\R019OOPD.DGN

COUNTY OF	ITEM NO.	SHEET NO.
WHITLEY	11-9015.20	R20

US 25W AND I-75 EXIT 15
ROUNDABOUTS
PAVEMENT DETAIL SHEET 2

SCALE: 1"=20'

Power Inroads v8.11.9.397 | E-SHEET NAME: | USER: bhicks DATE PLOTTED: January 6, 2022 | FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\R02000PD.DGN

MAINTENANCE OF TRAFFIC NOTES

COUNTY OF	ITEM NO.	SHEET #
WHITLEY	11-9015.20	R21

GENERAL

ALL TRAFFIC CONTROL DEVICES SHALL COMPLY WITH THE CURRENT STANDARD DRAWINGS AND THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. THE STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION AND THE STANDARD DRAWINGS, CURRENT EDITION.

OTHER MAINTENANCE OF TRAFFIC PROPOSALS WILL BE CONSIDERED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS; HOWEVER, ALTERNATE MAINTENACE OF TRAFFIC SCHEMES WILL NOT BE SUBJECT TO VALUE ENGINEERING UNDER SECTION 111.

THE CONTRACTOR SHALL REPAIR AND/OR UPGRADE PAVEMENT ALONG AND ACROSS EXISTING ROADS WHERE CONTRUCTION TRAFFIC CROSSES. ACCESS TO ALL PUBLIC ROADS TO BE MAINTAINED EXCEPT AS INDICATED IN THE MAINTENANCE OF TRAFFIC NOTES.

THE CONTRACTOR MUST NOTIFY THE DISTRICT PUBLIC INFORMATION OFFICER (PIO), AT KYTC DISTRICT 11 (OFFICE) WITHIN THE FOLLOWING TIME FRAMES OF PENDING CHANGES IN THEIR WORK SCHEDULE WHICH WILL AFFECT TRAFFIC PATTERNS:

1) AT LEAST FOURTEEN (14) DAYS PRIOR TO BEGINNING CONSTRUCTION

THE CONTRACTOR SHALL COMPLETELY COVER ANY SIGNS, EITHER EXISTING, PERMANENT OR TEMPORARY, WHICH DO NOT PROPERLY APPLY TO THE CURRENT TRAFFIC PHASING AND SHALL MAINTAIN THE COVERING UNTIL THE SIGNS ARE APPLICABLE OR ARE REMOVED.

PAVEMENT EDGE DROP-OFFS

A PAVEMENT EDGE THAT TRAFFIC IS EXPECTED TO CROSS IN A LANE CHANGE SITUATION SHALL NOT HAVE AN ELEVATION DIFFERENCE GREATER THAN 11/2 INCHES. THIS MAY BE INCREASED TO 2 INCHES FOR LOW SPEED SITUATIONS. WARNING SIGNS SHALL BE PLACED IN ADVANCE AND THROUGHOUT THE DROP-OFF AREA WHEN DROP-OFFS ARE GREATER THAN 1/2 INCH. MODIFICATIONS WILL BE AS DIRECTED BY THE ENGINEER.

PAVEMENT EDGES THAT TRAFFIC IS NOT EXPECTED TO CROSS SHALL BE TREATED AS FOLLOWS; OR, AS DIRECTED BY THE ENGINEER:

4 INCHES AND LESS - PLASTIC DRUMS, VERTICAL PANELS, OR BARRICADES SHALL BE PLACED EVERY 40 FEET. CONES MAY BE USED IN PLACE OF PLASTIC DRUMS, VERTICAL PANELS, AND BARRICADES DURING DAYLIGHT HOURS. SPACING FOR TAPERS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

GREATER THAN 4 INCHES - POSITIVE SEPARATION NEEDED OR WEDGE WITH 3:1 OR FLATTER SLOPE. IF THERE IS 8 FEET OR MORE DISTANCE BETWEEN THE EDGE OF PAVEMENT AND DROP-OFF, PLASTIC DRUMS, VERTICAL PANELS, OR BARRICADES MAY BE USED. IF CONCRETE BARRIERS ARE USED, SPECIAL REFLECTIVE DEVICES OR STEADY BURN LIGHTS SHALL BE USED FOR OVERNIGHT INSTALLATIONS.

FOR TEMPORARY CONDITIONS, DROP-OFFS 4 INCHES AND GREATER MAY BE PROTECTED WITH PLASTIC DRUMS, VERTICAL PANELS, OR BARRICADES FOR SHORT DISTANCES WHILE WORK IS BEING DONE IN THE DROP-OFF AREA IF THERE IS 8 FEET OR MORE OF SEPARATION BETWEEN DROP-OFF AND TRAVEL WAY.

LESSER TREATMENT THAN THOSE DESCRIBED ABOVE MAY BE CONSIDERED FOR LOW-VOLUME LOCAL STREETS.

PUBLIC INFORMATION PLAN

KYTC DISTRICT 11 PUBLIC INFORMATION OFFICER (PIO) WILL INFORM THE MOTORING PUBLIC AND AREA STAKEHOLDERS OF PROJECT INFORMATION INCLUDING MAINTENANCE OF TRAFFIC. THE DISTRICT PUBLIC INFORMATION OFFICER WILL COORDINATE AND DISSEMINATE TO STAKEHOLDER AND THE MEDIA APPROPRIATE INFORMATION REGARDING THE CONSTRUCTION PLANS. PRIOR TO CONSTRUCTION, SIGNS SHALL BE IN PLACE PER APPLICABLE STANDARD DRAWINGS AND/OR AS DIRECTED BY THE ENGINEER OVER THE PROJECT LIMITS.

ADVANCE NOTICE OF WORK

THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND THE CITY OF WILLIAMSBURG ENGINEER A MINIMUM OF SEVEN DAYS ADVANCED OF ANY CHANGE IN TRAFFIC PATTERNS.

ACCESS TO PROPERTIES

REASONABLE MEANS OF INGRESS AND EGRESS SHALL BE MAINTAINED TO ALL PROPERTIES WITHIN THE PROJECT LIMITS.

REMOVAL OF PAVEMENT MARKINGS

TEMPORARY AND EXISTING MARKINGS THAT DO NOT CONFORM TO THE TRAFFIC OPERATION IN USE SHALL BE WATER BLASTED BY AN APPROVED METHOD SATISFACTORY TO THE ENGINEER. GRINDING IS NOT AN ACCEPTABLE ALTERNATE FOR STRIPING REMOVAL ON EXISTING PORTLAND CEMENT CONCRETE PAVEMENT. THIS IS INCIDENTAL TO MAINTENANCE OF TRAFFIC.

HOLIDAYS AND SPECIAL EVENTS

DATES AND TIMES FOR HOLIDAYS AND SPECIAL EVENTS WHEN ROAD CLOSURES, LANES CLOSURES AND BLASTING WILL NOT BE ALLOWED ON DATES LISTED IN SECTION 101 OF KY STANDARD SPECIFICATIONS.

FUTURE HOLIDAY DATES SHALL BE DETERMINED BY THE DEPARTMENT IF NECESSARY, COMPARABLE TO ABOVE DATES. THE ABOVE DATES ARE SUBJECT TO CHANGE IF THE DEPARTMENT DEEMS NECESSARY.

LIGHTING

THE CONTRACTOR SHALL MAINTAIN SERVICE TO ALL LIGHTING FOR THE DURATION OF THE PROJECT. SWITCH OVER TO NEW PROPOSED LIGHTING SHOULD BE DONE DURING DAYLIGHT HOURS. IF CONTRACTOR INTERRUPTS POWER TO THE LIGHTING, SYSTEM REPAIRS SHALL EXPEDITED TO THE SYSTEM AS SOON AS POSSIBLE AT NO COST TO THE DEPARTMENT.

MAINTAINING LANE WIDTH

THE CONTRACTOR SHALL MAINTAIN A TWO-LANE TRAVEL WAY WITH A MNIMUM LANE WIDTH OF 10 FEET. HOWEVER, DURING WORKING HOURS, ONE-LANE TRAFFIC MAY BE ALLOWED AT THE DISCRETION OF THE ENGINEER, PROVIDED ADEQUATE TRAFFIC CONTROL IS IN PLACE AT THE LOCATION. TWO LANES SHALL BE MAINTAINED DURING THE HOURS OF 7:00-9:00 AM AND 4:00-6:00 PM CONTRACTOR IS PERMITTED TO CLOSE THE INTERSECTION BETWEEN 9 PM - 6 AM TO CONSTRUCT CENTER ISLANDS AND SPLITTER ISLANDS.

M.O.T. PHASING

COMPLETION DATE
THE CONSTRUCTION OF THIS PROJECT IS TO BE COMPLETED BETWEEN THE CLOSING OF WHITLEY COUNTY SCHOOLS FOR THE SUMMER AND THE OPENING OF THE SCHOOLS IN THE FALL TO MINIMIZE IMPACTS TO SCHOOL TRANSPORTATION AND ACTIVITIES. THE CONTRACTOR WILL HAVE THE OPTION OF SELECTING THE STARTING DATE FOR THE WORK PROPOSED WITHIN THIS CONTRACT, HOWEVER, NO WORK SHALL BEGIN ON OR BEFORE MAY 30, 2022. THE ULTIMATE FIXED COMPLETION DATE FOR THIS PROJECT WILL BE JULY 31, 2022.

I-75 NB AND SB RAMPS
THE CONTRACTOR MAY CLOSE THE I-75 NB AND SB RAMPS TO TRAFFIC, PROVIDED THE SIGNED DETOUR SHOWN ON SHEET R23 OF THESE PLANS IS IN PLACE PRIOR TO CLOSURE. THE CONTRACTOR SHALL SUBMIT PROPOSED DAYS OF RAMP CLOSURES TO THE ENGINEER AT LEAST 7 CALENDAR DAYS IN ADVANCE FOR APPROVAL. WITH PRIOR APPROVAL OF THE ENGINEER, AND AFTER PLACING SIGNS AND/OR MESSAGE BOARDS TO NOTIFY THE PUBLIC 14 DAYS IN ADVANCE OF THE EXTENDED RAMP CLOSURE, THE I-75 NB AND SB RAMPS MAY BE CLOSED FOR NO MORE THAN ONE EXTENDED TIME PERIOD OF 21 CALENDAR DAYS. THE EXTENDED ROAD CLOSURE SHALL NOT LAST LONGER THAN IT TAKES TO COMPLETE THE RAMP CONSTRUCTION.

PHASE 1
PLACE ALL TEMPORARY TRAFFIC CONTROL SIGNS AND BARRIERS.

CLOSE THE I-75 SB ON RAMP, I-75 NB OFF RAMP, AND SOUTHBOUND LANE OF US 25W. MAINTAIN ONE-WAY TRAFFIC ON THE NORTHBOUND LANE OF US 25W.

CONSTRUCT THE SOUTHERN HALF OF THE I-75/US 25W INTERCHANGE ROUNDABOUTS.

THE CONTRACTOR IS PERMITTED TO USE NIGHT TIME CLOSURES BETWEEN THE TIMES OF 9:00 PM AND 6:00 AM.

PHASE 2
REPEAT STEPS OF PHASE 1: THIS TIME FOR THE NORTHERN HALF OF THE I-75/US 25W INTERCHANGE ROUNDABOUTS.

PHASE 3
ONCE THE PAVED FOOTPRINT IS ESTABLISHED, TRANSITION THE OPERATION OF THE INTERSECTION TO THE CIRCULATORY ROUNDABOUT MOVEMENT AND CONSTRUCT THE CENTRAL ISLAND.
NOTE: THE CONTRACTOR IS TO REMAIN ON-SITE TO DIRECT TRAFFIC FROM THE BEGINNING OF THE CONSTRUCTION OF THE CENTRAL ISLAND, DURING THE 24 HR CURING PERIOD, AND UNTIL PERMANENT MINI-ROUNDABOUT SIGNING AND TEMPORARY STRIPING IS CONSTRUCTED. FOR LARGER VEHICLES THAT WOULD NORMALLY NEED TO MOUNT THE CENTRAL ISLAND, THE CONTRACTOR MAY DIRECT THOSE VEHICLES IN A CONTRA-FLOW MANNER DURING THE CURING PERIOD. AT NIGHT, ALL FLAGGERS MUST BE EXTERNALLY ILLUMINATED.

PHASE 4
CONSTRUCT THE SPLITTER ISLANDS.

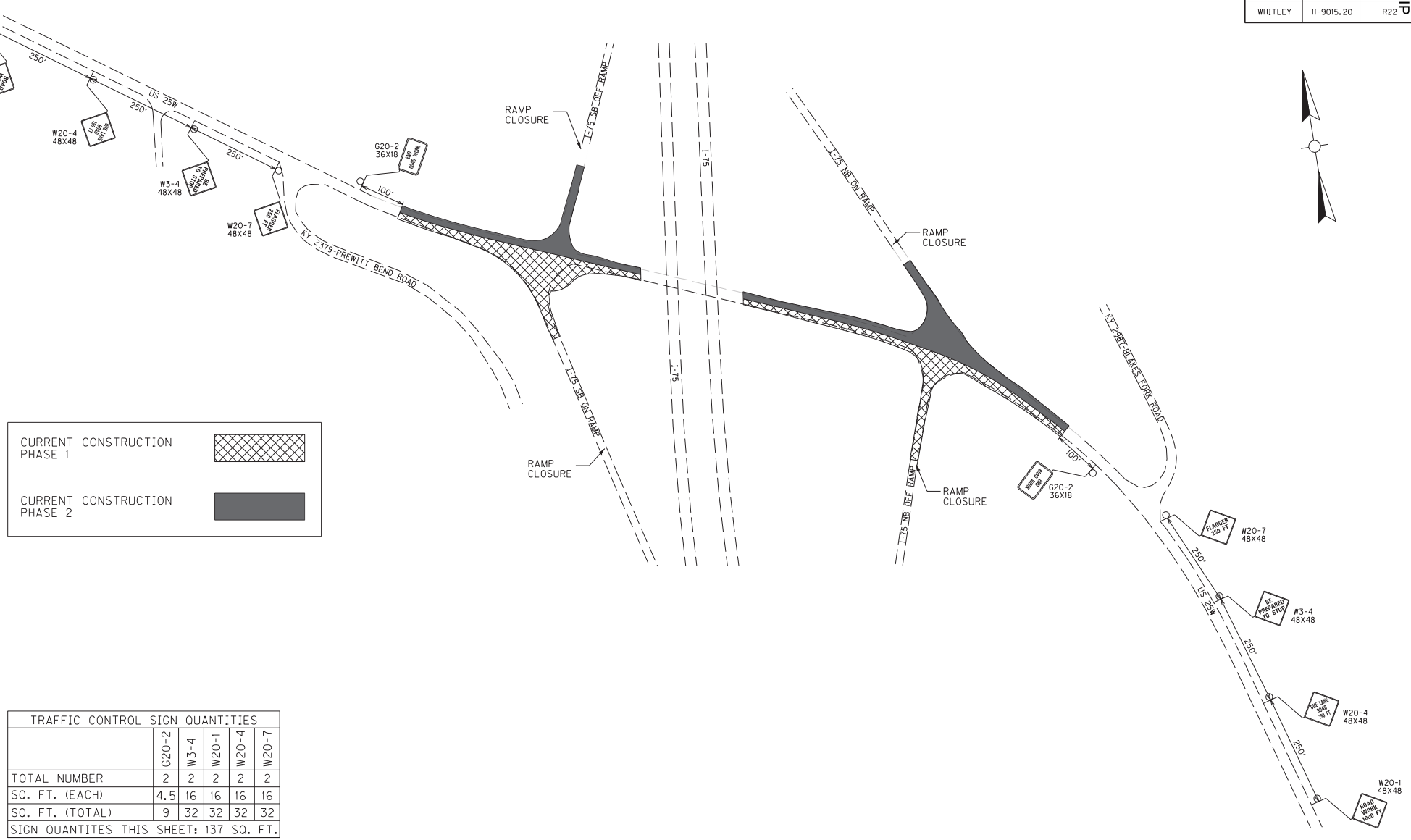
PHASE 5
APPLY PAVEMENT MARKINGS.

INSTALL ALL PROPOSED SIGNS AS SHOWN IN THE SIGNING PLAN.

US 25W AND I-75 EXIT 15
ROUNDABOUT
MAINTENANCE OF TRAFFIC NOTES

FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\R02100MT.DGN
USER: bhicks
DATE PLOTTED: January 6, 2022
E-SHEET NAME:
Power InRoads v8.11.9.397

COUNTY OF	ITEM NO.	SHEET #
WHITLEY	11-9015.20	R22



CURRENT CONSTRUCTION PHASE 1

CURRENT CONSTRUCTION PHASE 2

TRAFFIC CONTROL SIGN QUANTITIES					
	G20-2	W3-4	W20-1	W20-4	W20-7
TOTAL NUMBER	2	2	2	2	2
SQ. FT. (EACH)	4.5	16	16	16	16
SQ. FT. (TOTAL)	9	32	32	32	32
SIGN QUANTITES THIS SHEET: 137 SQ. FT.					

0' 100' 200' 400' SCALE: 1"=100'

US 25W AND I-75 EXIT 15
ROUNDABOUTS
MAINTENANCE OF TRAFFIC PLAN

FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\R0220GMT.DGN
USER: bhicks
DATE PLOTTED: January 6, 2022
E-SHEET NAME:
Power InRoads v8.11.9.397

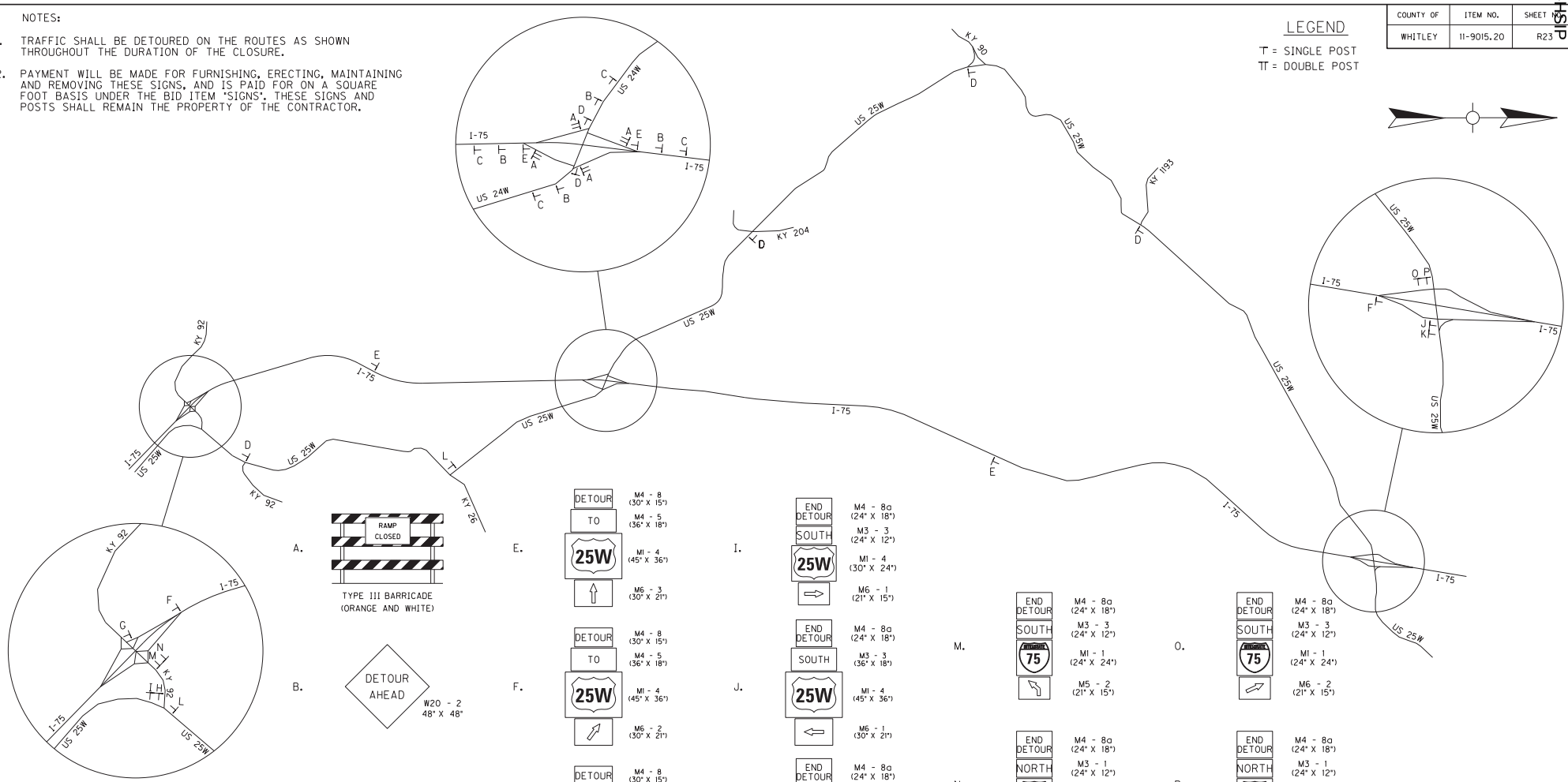
COUNTY OF	ITEM NO.	SHEET #
WHITLEY	11-9015.20	R23

NOTES:

1. TRAFFIC SHALL BE DETOURED ON THE ROUTES AS SHOWN THROUGHOUT THE DURATION OF THE CLOSURE.
2. PAYMENT WILL BE MADE FOR FURNISHING, ERECTING, MAINTAINING AND REMOVING THESE SIGNS, AND IS PAID FOR ON A SQUARE FOOT BASIS UNDER THE BID ITEM "SIGNS". THESE SIGNS AND POSTS SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

LEGEND

T = SINGLE POST
TT = DOUBLE POST



TRAFFIC CONTROL SIGN QUANTITIES																						
	M1-1	M1-4	M1-4	M3-1	M3-1	M3-3	M3-3	M4-5	M4-5	M4-8	M4-8	M4-8a	M5-2	M6-1	M6-1	M6-2	M6-2	M6-3	M6-3	W20-2	W20-3	TYPE III BARRICADE
TOTAL NUMBER	12	2	8	8	1	3	1	8	7	8	7	8	2	4	3	2	2	6	4	4	4	4
SQ. FT. (EACH)	4	5	11.3	2	4.5	2	4.5	2	4.5	2	3.13	3	2.19	2.19	4.38	2.19	4.38	2.19	4.38	16	16	-
SQ. FT. (TOTAL)	48	10	90.4	16	4.5	6	4.5	16	31.5	16	21.9	24	4.38	8.76	13.1	4.38	8.76	13.1	17.5	64	64	-
SIGN QUANTITES THIS SHEET: 487 SQ. FT.																						

SCALE: 1"=3000'

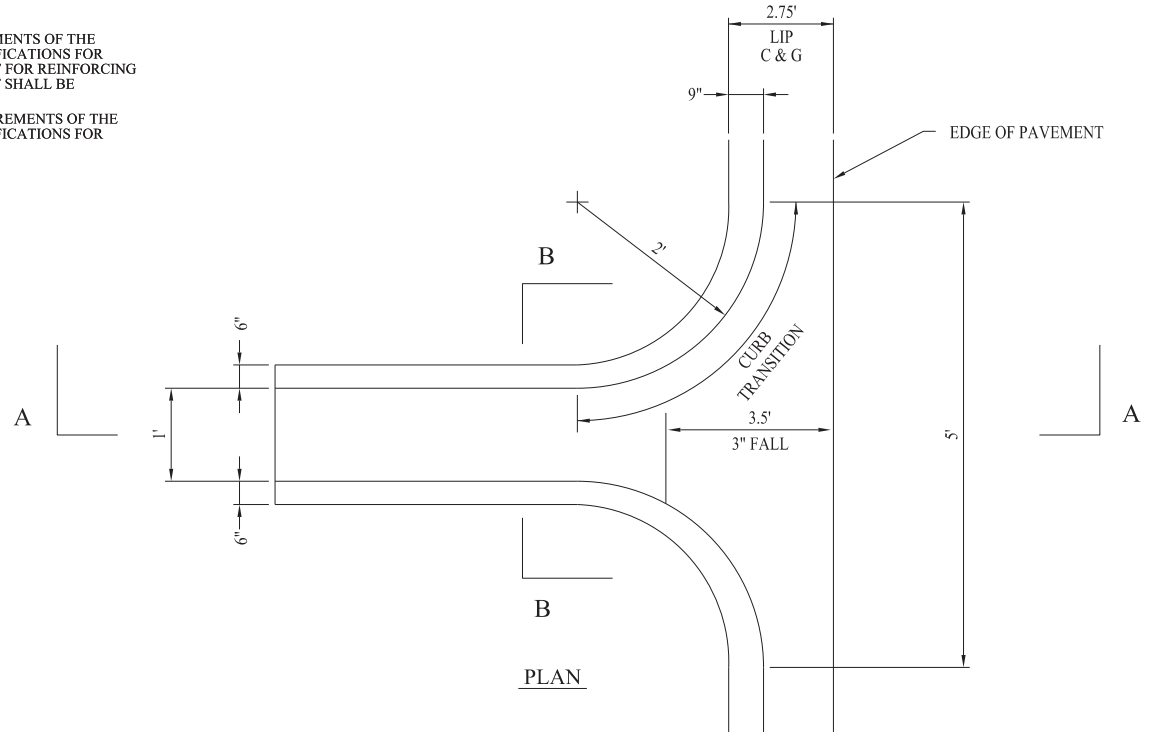
US 25W AND I-75 EXIT 15
ROUNDABOUTS
MOT DETOUR PLAN

Power InRoads v8.11.9.397 | E-SHEET NAME: | USER: bhicks DATE PLOTTED: January 6, 2022 | FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\R0230MT.DGN

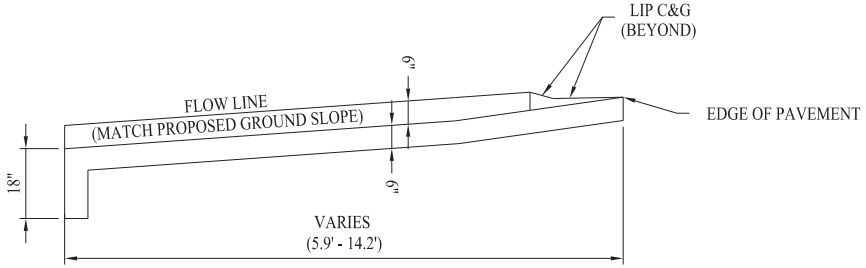
COUNTY OF	ITEM NO.	SHEET NO.
WHITLEY	11-9015.20	R24

NOTES

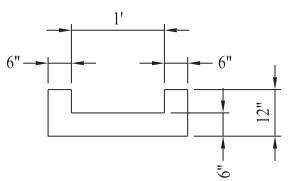
1. REINFORCING STEEL SHALL MEET THE REQUIREMENTS OF THE CUR. EDITION OF THE DEPARTMENT'S STD. SPECIFICATIONS FOR ROAD & BRIDGE CONST. THE MIN. REQUIREMENT FOR REINFORCING BARS SHALL BE GRADE 40. ALL REINFORCEMENT SHALL BE NO. 4 BARS SPACED 12" O.C.
2. FINISHING AND CURING SHALL MEET THE REQUIREMENTS OF THE CUR. EDITION OF THE DEPARTMENT'S STD. SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION.



PLAN



SECTION A-A



SECTION B-B

SCALE: 1"=NTS

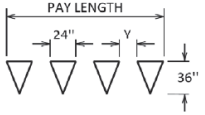
US 25W AND I-75 EXIT 15
ROUNDABOUTS
FLUME INLET TYPE 1 MOD DETAIL

FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\R02400FD.DGN
USER: bhicks
DATE PLOTTED: January 6, 2022
E-SHEET NAME:
Power InRoads v8.11.9.397

COUNTY OF	ITEM NO.	SHEET #
WHITLEY	11-9015.20	R25

YIELD BAR PAVEMENT MARKING DETAIL

YIELD BAR DETAILS



NOTE: SPACING (Y) BETWEEN TRIANGLES SHOULD BE 3" - 12"

Triangles should be evenly spaced. The spacing (Y) between triangles will depend on the width of the lane the yield bar is for. Unless otherwise directed by the Engineer, space the triangles according to the lane width as follows:

Lane Width	# of Triangles	Spacing (Y)
9'	4	4"
10'	4	8"
11'	5	3"
12'	5	6"

Refer to Section 717 of the Standard Specifications for Road and Bridge Construction, current edition, for more information concerning Material and Construction specifications.

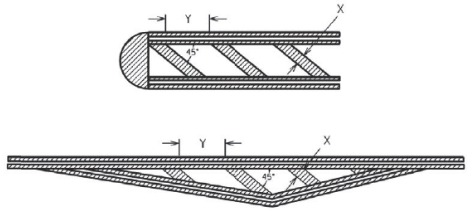
The Department will measure Yield Bars in Linear Feet. The measurement will include the void space between triangles. See Section 717.04 for additional measurement information.

The Department will make payment for the completed and accepted quantities under the following:

Code	Pay Item	Pay Unit
22520EN	Pave Marking-Thermo Yield Bar-36 Inch	Linear Foot

CROSS–HATCH PAVEMENT MARKINGS DETAIL

TYPICAL CROSS-HATCH MARKINGS



The cross-hatch pavement marking width (X) and spacing (Y) will usually be specified in the plans. The width to spacing values usually have a ratio of 1:10. If the plans do not specify the width (X) and spacing (Y) the Engineer will provide the contractor with the X and Y values for each cross-hatch installation. If necessary, the Engineer may obtain guidance from the District Traffic Engineer and/or the Division of Traffic Operations.

NOTE: Adjust the width and spacing of the cross-hatch pavement markings as necessary so that a minimum of three (3) cross-hatch markings are placed within the area being marked. The 1:10 ratio between width and spacing values should be maintained as much as possible.

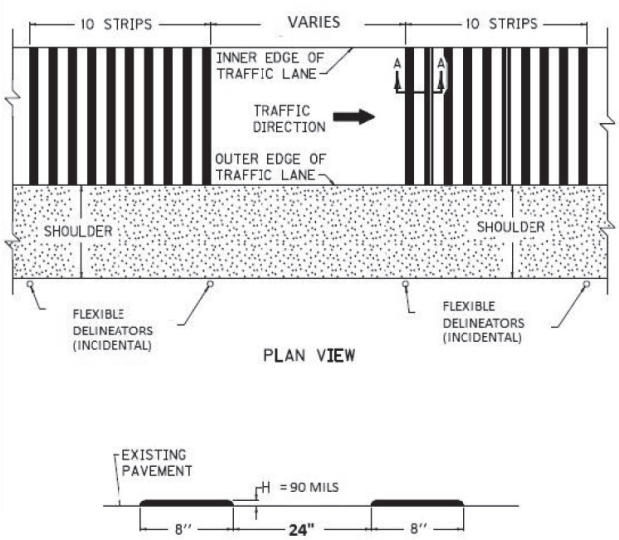
Refer to Section 717 of the Standard Specifications for Road and Bridge Construction, current edition, for more information concerning Material and Construction specifications.

The Department will measure the finished in-place area of Cross-Hatch Pavement Markings in Square Feet. The Department will NOT measure overlaps or the void space between cross-hatching. See Section 717.04 for additional measurement information.

When listed in the bid items, the Department will make payment for the completed and accepted quantities of Cross-Hatch Pavement Markings under the following:

Code	Pay Item	Pay Unit
06569	Pave Marking-Thermo Cross-Hatch	Square Foot
23253ES717	Pave Mark TY 1 Tape Cross Hatch	Square Foot

THERMOPLASTIC RUMBLE STRIPS TY 2



SECTION A-A

NOTES

1. THE CONTRACT UNIT PRICE PER LINEAR FOOT FOR A TEN (10) STRIP WIDE UNIT SHALL INCLUDE ALL LABOR, FORMING, MATERIALS AND INCIDENTALS NECESSARY TO COMPLETE THE WORK.
2. TWO FLEXIBLE DELINEATOR POSTS SHALL BE INSTALLED AT EACH LOCATION.
3. THE PAVEMENT SHALL BE CLEANED AND THE STRIPS SHALL BE CONSTRUCTED UNIFORMLY AT RIGHT ANGLES TO THE CENTER LINE OF THE ROADWAY.
4. THE DELINEATOR UNIT SHALL BE CONSTRUCTED IN SUCH A MANNER THAT TOP OF THE DELINEATOR UNIT IS 4'-0" ABOVE TOP OF PAVEMENT.
5. THE REFLECTIVE SURFACE OF THE DELINEATOR UNIT SHALL FACE TRAFFIC AND POINT TOWARD THE CENTER LINE OF THE ROADWAY APPROXIMATELY ONE-FOURTH MILE AWAY.

BID ITEM AND UNIT TO BID:
24097EC THERMO RUMBLE STRIPS TY 2 LF

SCALE: 1"=NTS

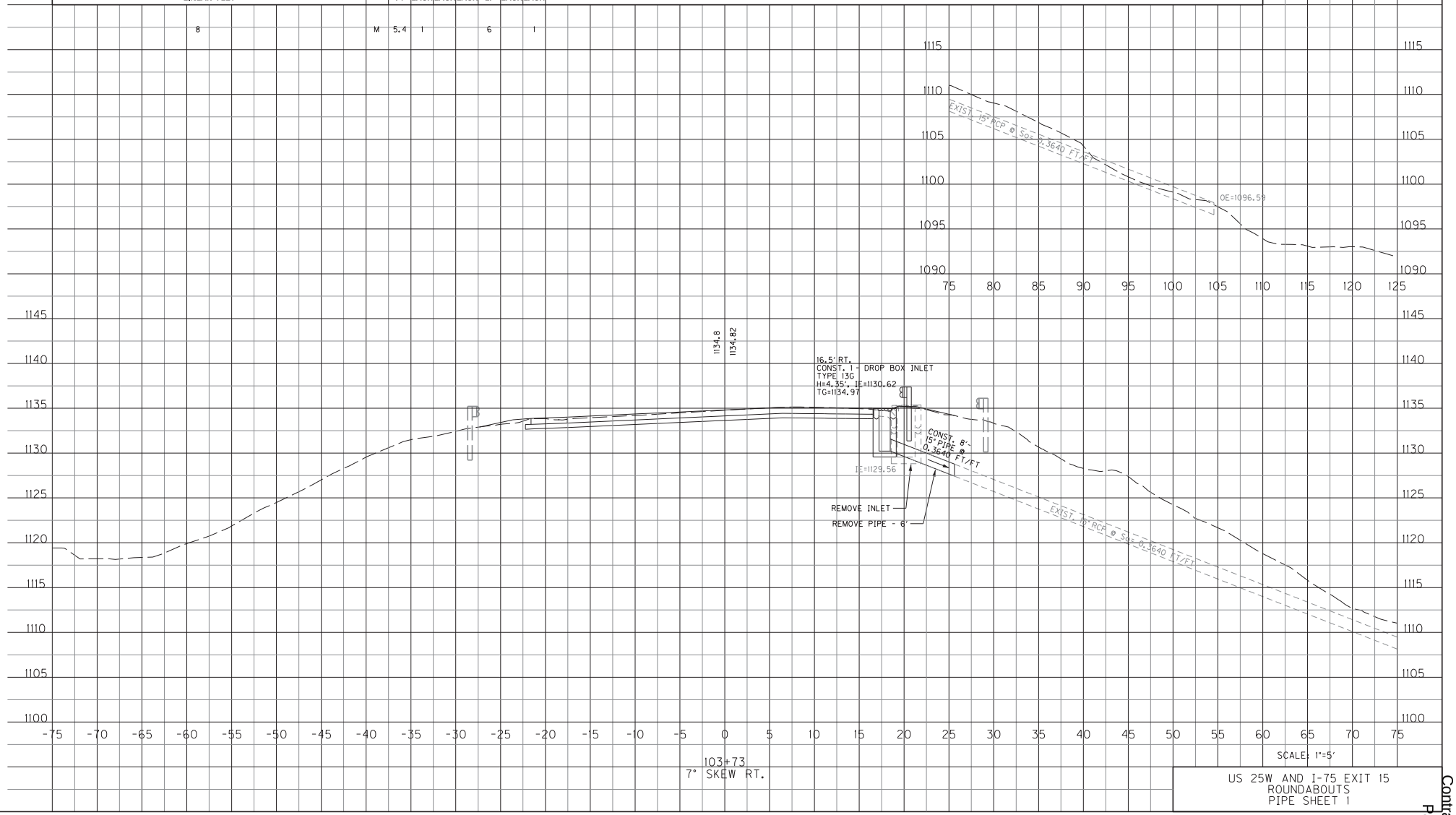
US 25W AND I-75 EXIT 15
ROUNDABOUTS
PAVEMENT MARKING DETAILS

Power InRoads v8.11.9.397 | E-SHEET NAME: | USER: bhicks DATE PLOTTED: January 6, 2022 | FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\R02500DS.DGN

PIPE DRAINAGE SHEET 1 of 5

COUNTY OF	ITEM NO.	SHEET NO.
WHITLEY	11-9015.20	R26

STORM SEWER PIPE						CULVERT PIPE							DESIGN PH LEVEL	MAXIMUM COVER HEIGHT	DROP BOX INLET TYPE 13G	SLOPED & MITERED CONCRETE HEADWALL	SAFETY BOX INLET	REMOVE PIPE	REMOVE HEADWALL	REMOVE INLET
18"	24"	30"	48"	54"	60"	15"	18"	24"	30"	36"	42"	48"	54"								
LINEAR FEET														FT	EACH	EACH	EACH	LF	EACH	EACH
						8								M	5.4	1			6		1



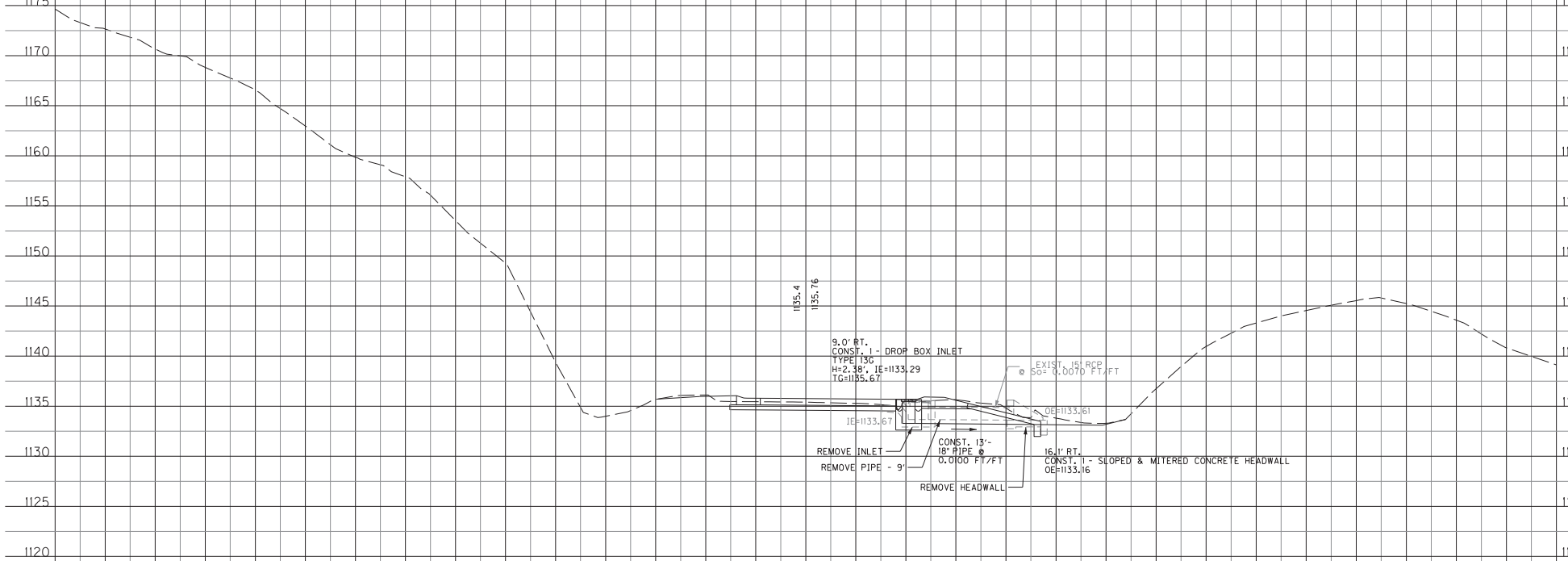
US 25W AND I-75 EXIT 15
ROUNDABOUTS
PIPE SHEET 1

FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO_PIPE SHEETS.DGN
USER: bhicks
DATE PLOTTED: January 6, 2022
E-SHEET NAME:
Power InRoads v8.11.9.397

PIPE DRAINAGE SHEET 2 of 5

COUNTY OF	ITEM NO.	SHEET #
WHITLEY	11-9015.20	R27

STORM SEWER PIPE						CULVERT PIPE							DESIGN PH LEVEL	MAXIMUM COVER HEIGHT	DROP BOX INLET TYPE 13G	SLOPED & MITERED CONCRETE HEADWALL	SAFETY BOX INLET	REMOVE PIPE	REMOVE HEADWALL	REMOVE INLET
18"	24"	30"	48"	54"	60"	15"	18"	24"	30"	36"	42"	48"	54"								
LINEAR FEET														FT	EACH	EACH	EACH	LF	EACH	EACH
							13							M	1.1	1	1		9	1	1



201+65
NO SKEW

SCALE: 1"=5'

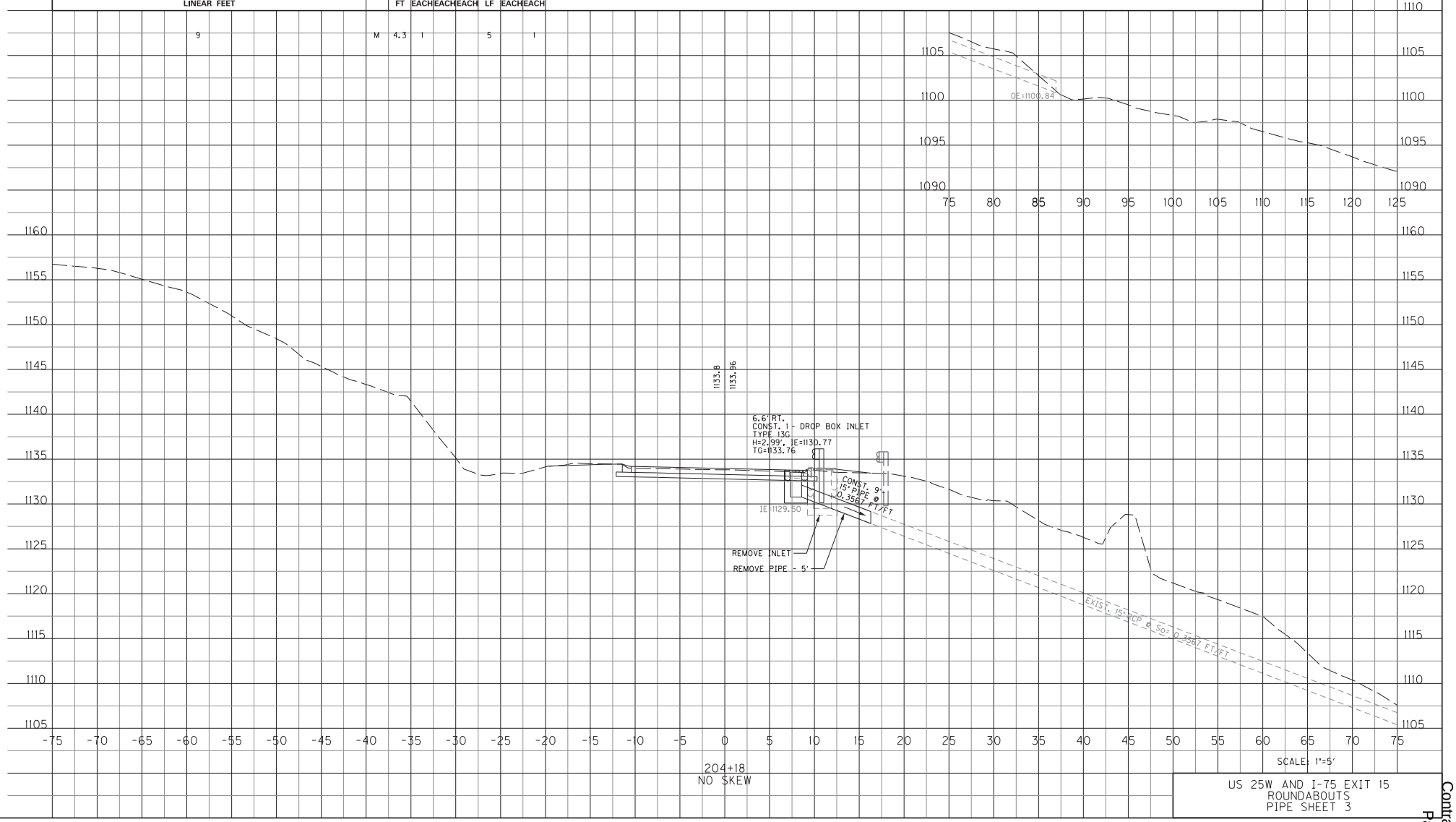
US 25W AND I-75 EXIT 15
ROUNDABOUTS
PIPE SHEET 2

FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO_PIPE SHEETS.DGN
USER: bricks
DATE PLOTTED: January 6, 2022
E-SHEET NAME:
Power InRoads v8.11.9.397

PIPE DRAINAGE SHEET 3 of 5

COUNTY OF	ITEM NO.	SHEET NO.
WHITLEY	11-9015.20	R28

STORM SEWER PIPE						CULVERT PIPE							DESIGN PH LEVEL	MAXIMUM COVER HEIGHT	DROP BOX INLET TYPE 13G	SLOPED & MITERED CONCRETE HEADWALL	SAFETY BOX INLET	REMOVE PIPE	REMOVE HEADWALL	REMOVE INLET
18"	24"	30"	48"	54"	60"	15"	18"	24"	30"	36"	42"	48"	54"								
LINEAR FEET														FT	EACH	EACH	EACH	LF	EACH	EACH
						9							M	4.3	1			5		1



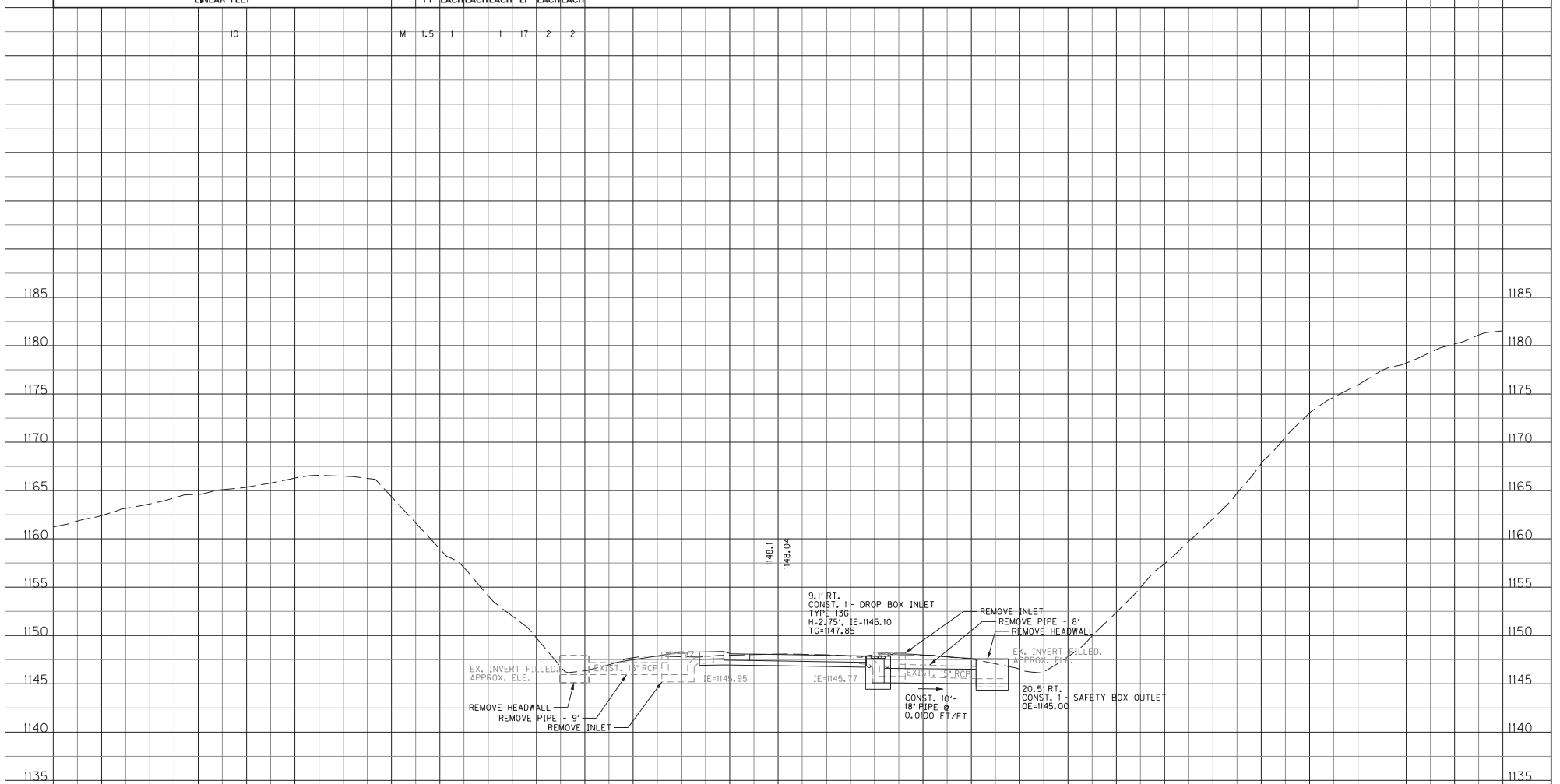
US 25W AND I-75 EXIT 15
ROUNDABOUTS
PIPE SHEET 3

FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO_PIPE SHEETS.DGN
USER: bricks
DATE PLOTTED: January 6, 2022
E-SHEET NAME:
Power InRoads v8.11.9.397

PIPE DRAINAGE SHEET 4 of 5

COUNTY OF	ITEM NO.	SHEET NO.
WHITLEY	11-9015.20	R29

STORM SEWER PIPE						CULVERT PIPE							DESIGN PH LEVEL	MAXIMUM COVER HEIGHT	DROP BOX INLET TYPE 13G	SLOPED & MITERED CONCRETE HEADWALL	SAFETY BOX INLET	REMOVE PIPE	REMOVE HEADWALL	REMOVE INLET
18"	24"	30"	48"	54"	60"	15"	18"	24"	30"	36"	42"	48"	54"								
LINEAR FEET														FT	EACH	EACH	EACH	LF	EACH	EACH
							10							M	1.5	1		17	2	2



SCALE: 1"=5'

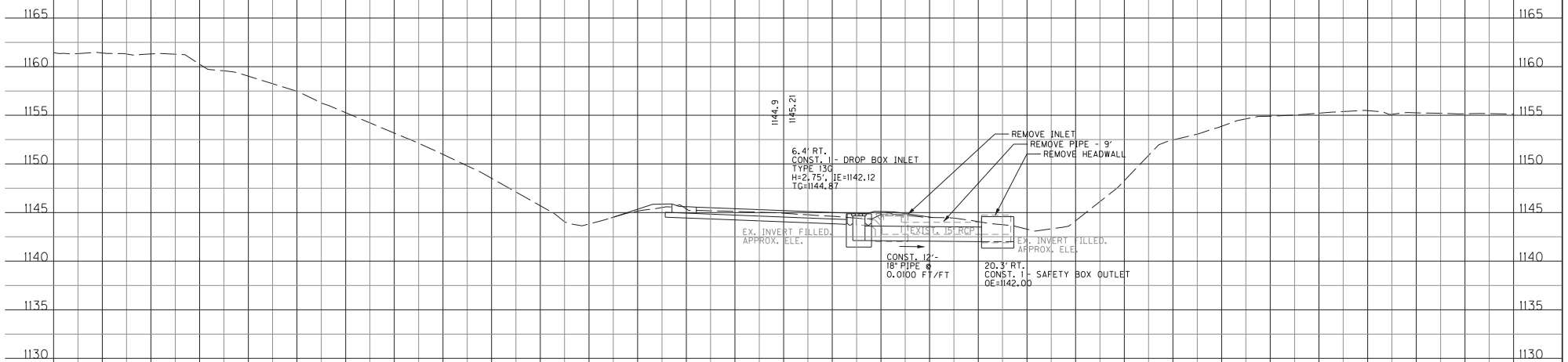
US 25W AND I-75 EXIT 15
ROUNDABOUTS
PIPE SHEET 4

FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO_PIPE SHEETS.DGN
USER: bricks
DATE PLOTTED: January 6, 2022
E-SHEET NAME:
Power InRoads v8.11.9.397

PIPE DRAINAGE SHEET 5 of 5

COUNTY OF	ITEM NO.	SHEET NO.
WHITLEY	11-9015.20	R30

STORM SEWER PIPE						CULVERT PIPE							DESIGN PH LEVEL	MAXIMUM COVER HEIGHT	DROP BOX INLET TYPE 13G	SLOPED & MITERED CONCRETE HEADWALL	SAFETY BOX INLET	REMOVE PIPE	REMOVE HEADWALL	REMOVE INLET
18"	24"	30"	48"	54"	60"	15"	18"	24"	30"	36"	42"	48"	54"								
LINEAR FEET														FT	EACH	EACH	EACH	LF	EACH	EACH
							12							M	1.5	1		1	9	1	1
PROJECT TOTALS																				
						17	35									5	1	2	46	4	6



404+00
NO SKEW

SCALE: 1"=5'

US 25W AND I-75 EXIT 15
ROUNDABOUTS
PIPE SHEET 5

FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO_PIPE SHEETS.DGN
USER: bricks
DATE PLOTTED: January 6, 2022
E-SHEET NAME:
Power InRoads v8.11.9.397

COUNTY OF	ITEM NO.	SHEET #
WHITLEY	11-9015.20	T001

SIGNING SUMMARY

ITEM	DESCRIPTION		UNIT	TOTAL PROJECT
6406	SBM ALUM SHEET SIGNS .080 IN	①	SQFT	277
6407	SBM ALUM SHEET SIGNS .125 IN	①	SQFT	169
6410	STEEL POST TYPE 1	②③	LF	492
21373ND	REMOVE SIGN	④	EACH	38
21596ND	GMSS TYPE D		EACH	12
21596ND	GMSS TYPE D (SURFACE MOUNT)	⑤	EACH	4
21813NN	REMOVE AND RELOCATE SHEET SIGNS		EACH	3
24631EC	BARCODE SIGN INVENTORY		EACH	98

STRIPING SUMMARY

ITEM	DESCRIPTION	UNIT	TOTAL PROJECT
6549	PAVE STRIPING-TEMP REM TAPE-B	LF	1,500
6550	PAVE STRIPING-TEMP REM TAPE-W	LF	4,500
6551	PAVE STRIPING-TEMP REM TAPE-Y	LF	4,500
6556	PAVE STRIPING-DUR TY I-6 IN W	LF	3,495
6557	PAVE STRIPING-DUR TY I-6 IN Y	LF	4,635
6560	PAVE STRIPING-DUR TY I-12 IN W (OPTICAL SPEED BARS)	LF	132
22520EN	PAVE MARKING-THERMO YIELD BAR-36 IN (TYPE I TAPE)	LF	68
22680EN	OWICK CURB MEDIAN SEPARATOR	LF	160
24097EC	THERMO RUMBLE STRIPS TY 2	LF	148
23253ES717	PAVE MARK TY I TAPE CROSS HATCH	SQFT	3,682
23269ES717	PAVE MARK TY I TAPE-COMBO ARROW	EACH	8
23269ES717	PAVE MARK TY I TAPE-COMB ARROW (SPECIAL-FISH HOOK)	EACH	6
23254ES717	PAVE MARK TY I TAPE DOTTED LANE EXT	LF	162

NOTES

① WITH PERMISSION OF THE ENGINEER, SHEETING SIGNS ON THE SIDE ROADS MAY BE MOVED TO BE COMPATIBLE WITH THE EXISTING SIGNS.

② QUANTITY IS ESTIMATED. THE EXACT LENGTH SHALL BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.

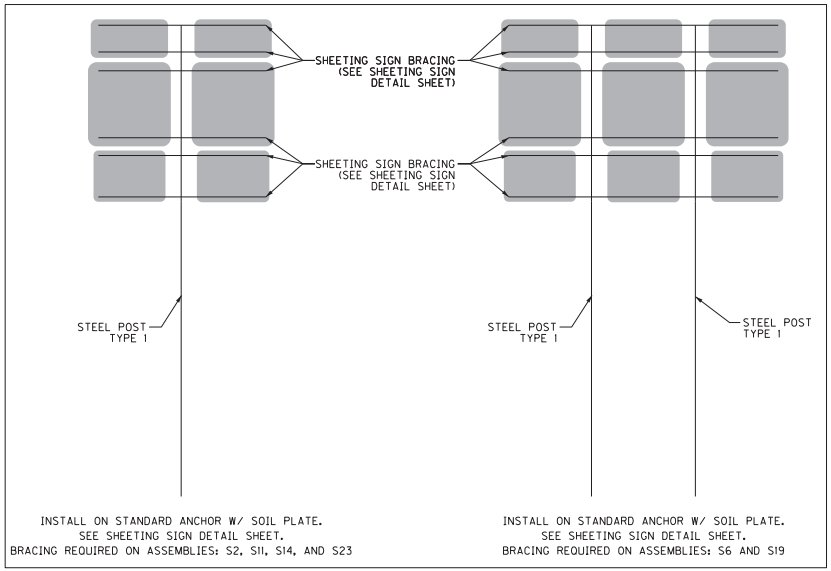
③ WHERE REQUIRED, BRACING FOR SHEETING SIGNS SHALL BE INCIDENTAL TO STEEL POST. SEE BRACING DETAIL AND SHEETING SIGN DETAIL SHEET FOR MORE INFORMATION.

④ ALL MATERIALS REMOVED AND NOT REUSED, SUCH AS SIGNS, SIGN LIGHTS, SIGN SUPPORTS, ETC. SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

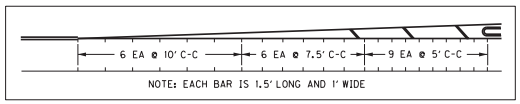
⑤ FOR TYPE D SURFACE MOUNTS USE ONLY KLEEN BREAK MODEL 425 FOR SURFACE MOUNT CONCRETE INSTALLATIONS BY XCESSORIES SQUARED OF AUBURN, IL. PRIOR TO INSTALLATION, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER SHOP DRAWINGS OF THE TYPE D SURFACE MOUNT(S).

⑥ WHEN LISTED IN THE SUMMARIES, REFLECTIVE SIGN POST PANELS SHALL BE 2" WIDE x 84" TALL AND SHALL HAVE THREE 3/8" HOLES (ONE HOLE IN THE TOP 3", ONE HOLE NEAR THE CENTER, AND ONE HOLE IN THE BOTTOM 3") THAT ALIGN WITH THE HOLES ON THE TYPE I STEEL POST. SHEETING FOR THE REFLECTIVE SIGN POST PANELS SHALL BE THE SAME TYPE AND COLOR AS THE SIGN INSTALLED ON THE POST.

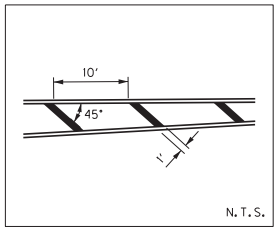
BRACING DETAILS



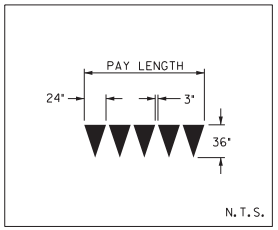
OPTICAL SPEED BAR DETAIL



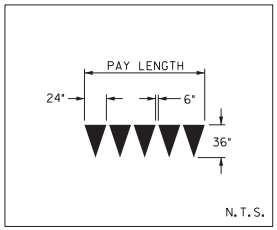
CROSS-HATCH DETAIL



YIELD BAR DETAIL (US 25W APPROACHES)



YIELD BAR DETAIL (I-75 OFF RAMPS)



US 25W AND I-75 EXIT 15
ROUNDABOUTS
SIGNING AND STRIPING SUMMARY

USER: bhicks
DATE PLOTTED: January 6, 2022
FILE NAME: K:\1900602-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\T001 SIGNING & STRIPING
E-SHEET NAME:
Power InRoads v8.11.9.397

COUNTY OF	ITEM NO.	SHEET NO.
WHITLEY	11-9015.20	T002

SIGNING SPECIFICATION NOTES

THE FOLLOWING PUBLICATIONS ARE APPLICABLE TO THE WORK DESCRIBED HEREIN:

KENTUCKY DEPARTMENT OF HIGHWAYS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (CURRENT EDITION)
STANDARD HIGHWAY SIGNS AND MARKINGS (CURRENT EDITION) -- FEDERAL HIGHWAY ADMINISTRATION
MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CURRENT EDITION) -- FEDERAL HIGHWAY ADMINISTRATION

SCOPE OF WORK

TO FURNISH, FABRICATE AND ERECT IN PLACE ALL MATERIALS NECESSARY TO FORM COMPLETED SIGNS AS INDICATED AT LOCATIONS DESCRIBED ELSEWHERE IN THESE PLANS. NEW SIGNS ARE TO BE INSTALLED AT EXISTING LOCATIONS UNLESS OTHERWISE NOTED ON THE PLANS.

SIGN SUBSTRATES

SIGN SUBSTRATES SHALL CONFORM TO SECTION 833 OF KENTUCKY'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (CURRENT EDITION) AND THESE PLANS. PANEL SIGNS SHALL BE LABELED AS P-*. SHEETING SIGNS SHALL BE LABELED AS S-*.

SIGN MATERIALS

SIGN SHEETING;

SIGN SHEETING SHALL CONFORM TO SECTION 830 OF KENTUCKY'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (CURRENT EDITION) AND THESE PLANS. ONLY SHEETING ON THE DEPARTMENT'S LIST OF APPROVED MATERIALS SHALL BE USED.

ALL RETROREFLECTIVE MATERIALS SHALL BE FABRICATED AND ASSEMBLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND/OR RECOMMENDATIONS.

PERMANENT SIGNS AND SIGN COMPONENTS SHALL BE FABRICATED USING TYPE XI SHEETING:

THE FOLLOWING SIGNS SHALL BE FABRICATED USING TYPE XI FLUORESCENT YELLOW SHEETING:
- HORIZONTAL ALIGNMENT SIGNS AND PLAQUES
- ALL ADVISORY SPEED PLAQUES
- WARNING MESSAGES ON PANEL SIGNS

THE FOLLOWING SIGNS SHALL BE FABRICATED USING TYPE XI FLUORESCENT YELLOW-GREEN SHEETING:
- ALL SCHOOL AND SCHOOL BUS WARNING SIGNS.
- BICYCLE WARNING SIGNS AND 'SHARE THE ROAD' PLAQUES OR DIAGONAL DOWNWARD POINTING ARROW PLAQUES THAT SUPPLEMENT BICYCLE WARNING SIGNS.
- PEDESTRIAN WARNING SIGNS AND DIAGONAL DOWNWARD POINTING ARROW PLAQUES THAT SUPPLEMENT PEDESTRIAN WARNING SIGNS
- IN-STREET PEDESTRIAN CROSSING (R1-6) SIGNS AND OVERHEAD PEDESTRIAN CROSSING (R1-9) SIGNS
- SUPPLEMENTAL PLAQUES TO ANY OF THE PREVIOUSLY LISTED FLUORESCENT YELLOW-GREEN SIGNS LISTED ABOVE

ALL OTHER PERMANENT SIGNS (INCLUDING THE BACKGROUNDS OF PANEL SIGNS) SHALL BE FABRICATED USING TYPE XI SHEETING.

LETTERS, SYMBOLS, AND BORDERS;

PANEL OVERLAY SECTIONS SHALL BE AFFIXED WITH A "POP" RIVET WITH A MINIMUM DIAMETER OF 3/16 INCH, AND THE LENGTH SHALL BE AS NECESSARY TO PROPERLY APPLY COPY IN A WORKMANLIKE MANNER.

HARDWARE;

ALL HARDWARE FOR THE ASSEMBLY OF PANEL SIGNS AND THE ATTACHMENT OF THESE SIGNS TO THEIR SUPPORTS SHALL BE AS RECOMMENDED BY THE PANEL MANUFACTURER. PLACEMENT OF POST CLIP SHALL BE AS SHOWN ON THE SIGNING MISCELLANEOUS DETAIL SHEET.

ALL HARDWARE FOR THE ERECTION OF SHEETING SIGNS SHALL BE CADMIUM PLATED STEEL IN ACCORDANCE WITH ASTM B-776 AND ASTM A-307.

FONTS;

STANDARD ALPHABETS SHALL BE USED FOR ALL LEGENDS ON PANEL GUIDE SIGNS.

GROUND-MOUNTED SIGN SUPPORTS

GENERAL;

ALL SIGNS SHALL BE POSITIONED AS SHOWN ON THE POSITIONING DETAIL SHEET. ALL BEAMS AND POSTS SHALL BE OF SUFFICIENT LENGTHS TO EXTEND FROM THE TOP OF THE SIGN TO THE REQUIRED BASE EMBEDMENT. EXISTING I-BEAMS ON WHICH SHEETING SIGNS ARE ATTACHED SHALL BE REMOVED AND REPLACED WITH TYPE I OR TYPE II POSTS, UNLESS THEY ARE LOCATED BEHIND GUARDRAIL.

BEAMS;

ALL BEAMS SHALL BE EITHER TYPE "A" (STANDARD BEAM INSTALLATION) OR TYPE "C" (BREAKAWAY SIGN POST SUPPORT SYSTEM INSTALLATION). TYPE "A" BEAMS ARE SHOWN ON THE PANEL SIGN DETAIL SHEET, AND THE TYPE "C" BEAMS ARE SHOWN ON THE BREAKAWAY SIGN SUPPORT SYSTEM FOR "C" BEAM SHEET. ONLY BREAKAWY (TYPE "C") BEAM SUPPORT SYSTEMS ON THE DEPARTMENT'S LIST OF APPROVED MATERIALS SHALL BE USED. THE TYPE AND SIZE OF BEAM TO BE USED SHALL BE INDICATED FOR EACH PANEL SIGN ON THE SIGN DETAIL SHEETS. BEAM LENGTHS INCLUDED IN THESE PLANS ARE FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR SHALL TAKE FIELD MEASUREMENTS AT EACH SIGN LOCATION AND CROSS SECTIONS SHALL BE DEVELOPED TO VERIFY BEAM LENGTHS, WITH ANY DISCREPANCIES BROUGHT TO THE ATTENTION OF THE ENGINEER FOR RESOLUTION.

STEEL POSTS;

TYPE I STEEL POSTS SHALL BE EITHER STANDARD INSTALLATION IN SOIL, WITH SOIL STABILIZER, OR TYPE "D" (BREAKAWAY SIGN POST SUPPORT SYSTEM INSTALLATION). ONLY BREAKAWAY TYPE "D" POST SYSTEMS ON THE DEPARTMENT'S LIST OF APPROVED MATERIALS SHALL BE USED. BRACING, IF REQUIRED, SHALL BE INCIDENTAL TO TYPE I POST.

TYPE II POST SHALL BE STANDARD INSTALLATION IN SOIL WITH A SOIL STABILIZER. INSTALLATION PROCEDURES AND BRACING REQUIREMENTS ARE DETAILED ON THE SHEETING SIGN DETAIL SHEET.

ALL STEEL POSTS SHALL MEET THE REQUIREMENTS OF SECTION 832 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

MILEPOST MARKERS AND ENHANCED REFERENCE MARKERS

MILEPOST MARKERS AND ENHANCED REFERENCE LOCATION SIGNS SHALL CONFORM TO THE GENERAL REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CURRENT EDITION). ADDTIONAL REQUIREMENTS ARE GIVEN ON THE SIGNING POSITIONING DETAIL SHEET AND ENHANCED REFERENCE LOCATION SIGNS DETAIL SHEET.

FOR THE LOUISVILLE AREA, FINAL LOCATION OF ENHANCED REFERENCE LOCATION SIGNS SHALL BE VERIFIED BY TRIMARC. NOTIFY A REPRESENTATIVE OF TRIMARC AT LEAST TWO WEEKS IN ADVANCE OF BEGINNING WORK ON THIS ITEM:

901 WEST MAIN STREET
LOUISVILLE, KY 40202
502-587-6624
270-307-7456

MEDIAN CROSSOVER SIGNS

THE CONTRACTOR SHALL INSTALL 48" X 48", "NO U TURN" SIGNS (R3-4) AT EACH MEDIAN CROSSOVER. THIS IS TO BE DONE WHETHER ALL NEEDED INSTALLATIONS ARE MENTIONED IN THE FOLLOWING SHEETS OR NOT. AT CROSSOVERS ON MEDIANS SIXTY FEET (60') WIDE OR LESS, THE SIGNS SHALL BE MOUNTED PERPENDICULAR TO THE ROADWAY ON THE SAME POSTS IN THE CENTER OF THE MEDIAN, ONE FACING TRAFFIC IN EACH DIRECTION. AT CROSSOVERS ON MEDIANS OVER SIXTY FEET (60') WIDE, THE SIGNS SHALL BE MOUNTED PERPENDICULAR TO THE ROADWAY ON SEPARATE POSTS AT THE MEDIAN SHOULDER ON THE FAR SIDE OF THE CROSSOVER, ONE FACING TRAFFIC IN EACH DIRECTION. FOR ADDITIONAL GUIDANCE, SEE SEPIA DRAWING FOR FLEXIBLE DELINEATOR POST ARRANGEMENT FOR INTERCHANGE RAMPS AND CROSSOVERS.

CONCRETE BASES

ALL CONCRETE BASES SHALL BE OF CLASS "A" CONCRETE FOR SIGNS AND SHALL BE AS SHOWN ELSEWHERE IN THESE PLANS.
EXCAVATION NECESSARY TO CONSTRUCT BASES AND FOOTINGS IS INCIDENTAL TO THE COST OF CLASS "A" CONCRETE FOR SIGNS.

CONCRETE BASES (CONTINUED)

WHERE THE REMOVAL OF OVERHEAD STRUCTURE CONCRETE BASE IS CALLED FOR, THE BASE IS TO BE REMOVED TO A MINIMUM OF ONE FOOT (1') BELOW THE GROUND LINE, BACKFILLED TO EXISTING GROUND LINE, AND THE DISTURBED AREAS RESEEDED.

WHERE THE REMOVAL OF BEAM SIGN SUPPORTS IS CALLED FOR, THE BEAM AND ANY CONCRETE PROJECTING ABOVE THE GROUND LINE ARE TO BE CUT OFF A MINIMUM OF ONE FOOT (1') BELOW EXISTING GROUND LINE OR THE ENTIRE BEAM AND CONCRETE BASE ARE TO BE REMOVED COMPLETELY AND BACKFILLED TO EXISTING GROUND LINE.

SAMPLES, TESTING, ETC.

BEFORE BEGINNING INSTALLATION, THE CONTRACTOR SHALL FURNISH TO THE PROJECT ENGINEER DRAWINGS, DESCRIPTIONS, MANUFACTURER'S CUTS ETC. FOR WRITTEN APPROVAL OF ALL MATERIALS TO BE USED. MILL TEST REPORTS FOR BEAMS, STEEL PANELS, AND EACH DIFFERENT GAUGE OF ALUMINUM OR STEEL SHEETING USED MUST BE SUBMITTED TO THE DIVISION OF CONSTRUCTION AND APPROVED PRIOR TO ERECTION.

MISCELLANEOUS

THE COST FOR REMOVING EXISTING PANEL SIGNS SHALL BE INCIDENTAL TO THE COST OF THE PROJECT.

ON SHEETING SIGNS WHERE THERE ARE MORE THAN ONE SIGN ASSEMBLY MOUNTED BESIDE EACH OTHER, THE POSTS SHALL BE SPACED TO PROVIDE APPROXIMATELY SIX INCHES (6") OF SPACING BETWEEN SIGNS.

CLEARING AND GRUBBING, AND TREE TRIMMING, WHEN REQUIRED FOR CONSTRUCTION OR VISIBILITY OF SIGNS, SHALL BE INCIDENTAL TO THE CONTRACT.

SIGN COVERING IS NOT RECOMMENDED. HOWEVER, IF IT IS ABSOLUTELY NECESSARY TO COVER THE SIGN FACE TEMPORARILY FOLLOWING ERECTION, USE CAUTION SINCE SOME COVERINGS MAY CAUSE PERMANENT DAMAGE TO THE SIGN FACE FOLLOWING EXPOSURE TO MOISTURE, SUNLIGHT, ETC. POROUS CLOTH OR GEOTEXTILE FABRIC COVERS WHICH ARE FOLDED OVER THE SIGN EDGES AND SECURED AT THE BACK OF THE SIGN HAVE BEEN USED SUCCESSFULLY FOR LIMITED PERIODS. DO NOT USE TAPE, PAPER, PLASTIC, OR SHEET METAL COVERS. ANY SIGNS THAT ARE DAMAGED AS A RESULT OF COVERING SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE DEPARTMENT.

TYPE I AND II STEEL POSTS IN SOIL SHALL BE DRIVEN 32" TO 34" BELOW THE GROUND LINE AS SHOWN. HOWEVER, IF SOLID ROCK IS ENCOUNTERED, THE CONTRACTOR SHALL DRILL HOLES OF THE REQUIRED DEPTH INTO THE ROCK AND BACKFILL WITH CONCRETE. THE COST SHALL BE INCIDENTAL TO STEEL POST, AND SOIL STABILIZERS WILL NOT BE REQUIRED.

ANY AREA DISTURBED SHALL BE SIDE GRADED TO THE EXISTING SLOPES AND RESEEDED AS DIRECTED BY THE ENGINEER, AT NO ADDITIONAL COST TO THE DEPARTMENT.

REMOVE AND DO NOT REPLACE THE WHITE ON BLUE GENERAL SERVICES SIGNS AT THE EXIT RAMP TERMINALS, "EMERGENCY STOPPING ONLY" SIGNS, AND THE ROUTE MARKER THAT IS LOCATED INSIDE THE INTERCHANGE PAST THE EXIT GORE AREA.

INSTALLATION OF ADVISORY EXIT AND RAMP SPEED SIGNS (W13-2 AND W13-3) SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).

ALL EXISTING SHEETING SIGNS WITHIN THE LIMITS OF THIS PROJECT ARE TO BE REMOVED AND REPLACED WITH NEW SIGNS AND POSTS. SIGNS AND POSTS SHALL CONFORM TO CURRENT STANDARDS/SPECIFICATIONS. THE COST FOR REMOVING EXISTING SHEETING SIGNS AND POSTS, RELOCATING EXISTING SIGNS AND POSTS TO CONFORM TO THE SIGNING PLANS AND SPECIFICATIONS, AND ALL HARDWARE REQUIRED, SHALL BE INCIDENTAL TO THE PROJECT. IN ADDITION TO REPLACING ALL EXISTING SIGNS, ALL SIGNS SHOWN ON THE SIGNING PLANS MUST BE INSTALLED. FOR SIGN SIZES AND SPECIFICATIONS, SEE THE CURRENT PROJECT SIGNING PLAN DETAIL SHEETS.

THE COST FOR SIGN BRACKETS AND ANY OTHER HARDWARE REQUIRED TO ATTACH NEW SIGNS ON EXISTING TRUSSES AND CANTILEVERS SHALL BE INCLUDED IN THE UNIT PRICE OF SIGN BASE MATERIAL FOR PANEL SIGNS.

DUPLICATE SIGNS SHALL NOT BE DISPLAYED DURING THE CONSTRUCTION OF THIS PROJECT.

SHEETING SIGNS (D1-1, D1-2, D1-3) EQUAL TO OR LESS THAN 72" X 42" REQUIRE TWO TYPE I OR TYPE II POSTS.

THE HORIZONTAL CLEARANCE "X" ON ALL THE SHEETING SIGNS SHOULD BE A MINIMUM OF 6' FROM THE EDGE OF THE SHOULDER TO THE EDGE OF THE SIGN OR A MINIMUM OF 12' FROM THE EDGE OF THE SIGN TO THE EDGE OF THE TRAVELLED WAY AS SHOWN IN THE SIGNING POSITIONING DETAIL SHEET.

IF ANY SIGN IS LOCATED NEAR A LUMINAIRE OR ANOTHER POLE, IT SHALL BE INSTALLED IN ADVANCE OF THE POLE SO THAT THE MOTORISTS VIEW OF THE SIGN WILL NOT BE OBSTRUCTED.

SIGNS THAT DO NOT COMPLY WITH THE MUTCD SHALL BE REMOVED BY THE CONTRACTOR AS APPROVED AND DIRECTED BY THE ENGINEER.

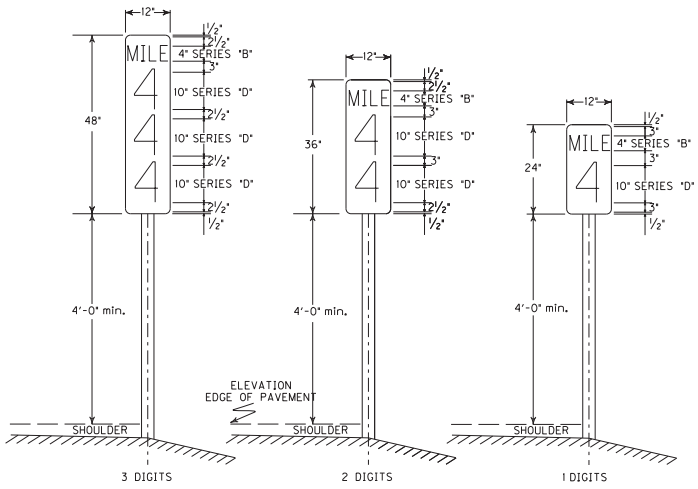
6-24-2020

SIGNING SPECIFICATION SHEET

Power InRoads v8.11.9.397 | E-SHEET NAME: | USER: bhicks DATE PLOTTED: January 6, 2022 | FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\T002 SIGNING GENERAL

COUNTY OF	ITEM NO.	SHEET NO.
WHITLEY	11-9015.20	T003

MILEPOST MARKERS



TYPICAL SIGN PANEL DIMENSIONS AND MILEPOST LOCATIONS

MILE POST NUMBER	STATION NUMBER * ____ BOUND LANE (S)

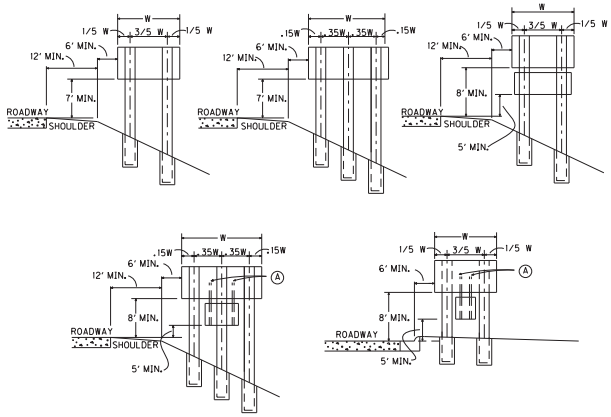
MILE POST NUMBER	STATION NUMBER * ____ BOUND LANE (S)

NOTE: STATION NUMBERS ARE GIVEN FOR NOTED DIRECTION OF TRAVEL ONLY. CORRESPONDING MILEPOST MARKERS FOR OTHER DIRECTION SHOULD BE PLACED DIRECTLY OPPOSITE THOSE FOR WHICH STATION NUMBERS ARE GIVEN.

IN JEFFERSON COUNTY, FINAL LOCATION OF MILEPOST MARKERS SHALL BE VERIFIED BY TRIMARC. NOTIFY TRIMARC AT LEAST TWO WEEKS PRIOR TO BEGINNING WORK ON THIS ITEM:

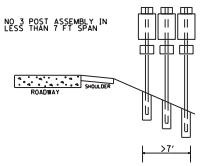
901 WEST MAIN STREET
LOUISVILLE, KY 40202
502-587-6624
270-307-7456

PANEL SIGNS

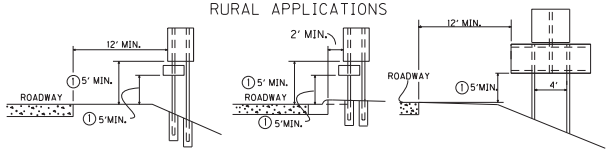


Ⓐ ATTACHMENT OF SECONDARY SIGN TO MAJOR SIGN IS TO BE MADE WITH TWO (2) 3" X 3" X 3/16" ANGLES OF SUFFICIENT LENGTH TO EXTEND FROM THE LOWER EDGE OF THE SECONDARY SIGN TO AT LEAST THREE FEET UP THE BACK OF THE MAJOR SIGN. A MINIMUM OF ONE POST CLIP PER FOOT SHALL BE USED IN ATTACHING EXTRUSIONS TO EACH ANGLE.

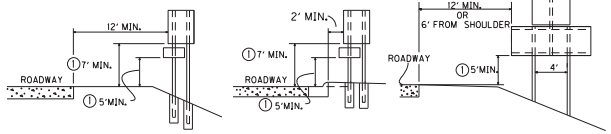
SHEETING SIGNS



RURAL APPLICATIONS



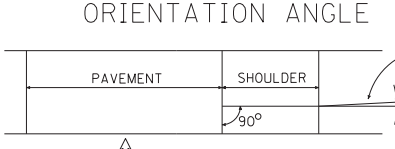
URBAN APPLICATIONS



NOTE: SHOULD A SIGN BE LOCATED AT A POINT WHERE GUARDRAIL IS CALLED FOR OR EXISTING, ALL SIGN SUPPORTS SHALL BE PLACED BEHIND THE GUARDRAIL AND LATERAL OFFSET SHALL BE MEASURED FROM THE GUARDRAIL.

① NOT TO EXCEED 8' IN URBAN AREAS AND 6' IN RURAL AREAS UNLESS SPECIFIED BY THE ENGINEER

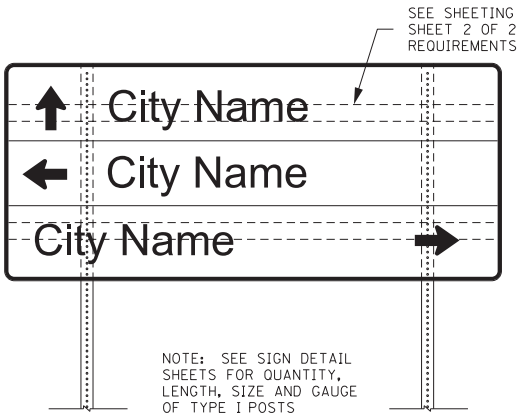
ORIENTATION ANGLE



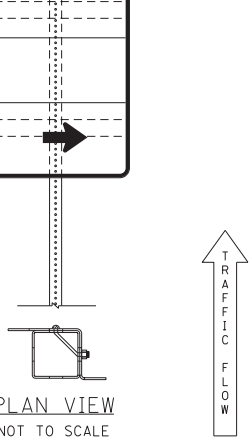
SIGNING POSITIONING DETAIL SHEET

FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\T003 POSITIONING DETAIL
USER: bhicks
DATE PLOTTED: July 23, 2013
E-SHEET NAME:
Power InRoads v8.11.9.397

COUNTY OF	ITEM NO.	SHEET NO.
WHITLEY	11-9015.20	T004



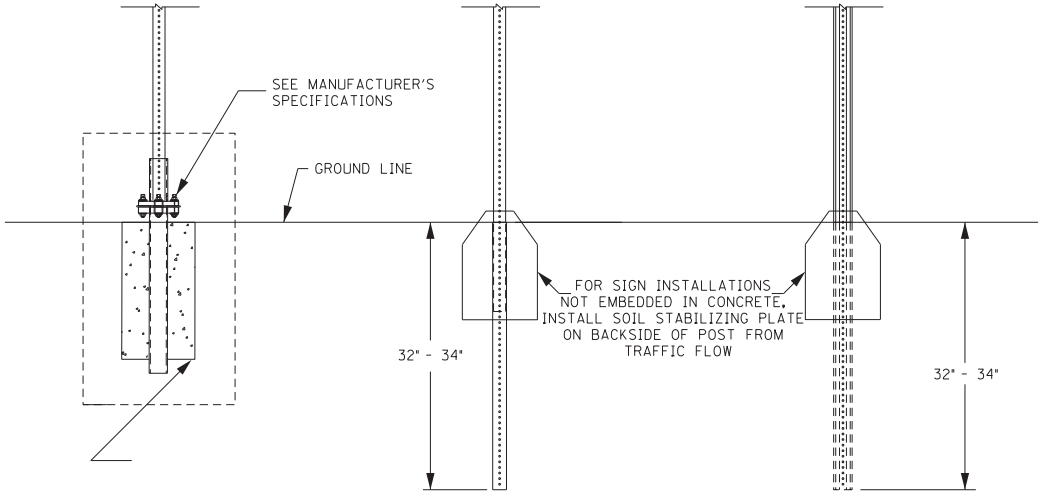
PLAN VIEW
NOT TO SCALE





PLAN VIEW
NOT TO SCALE

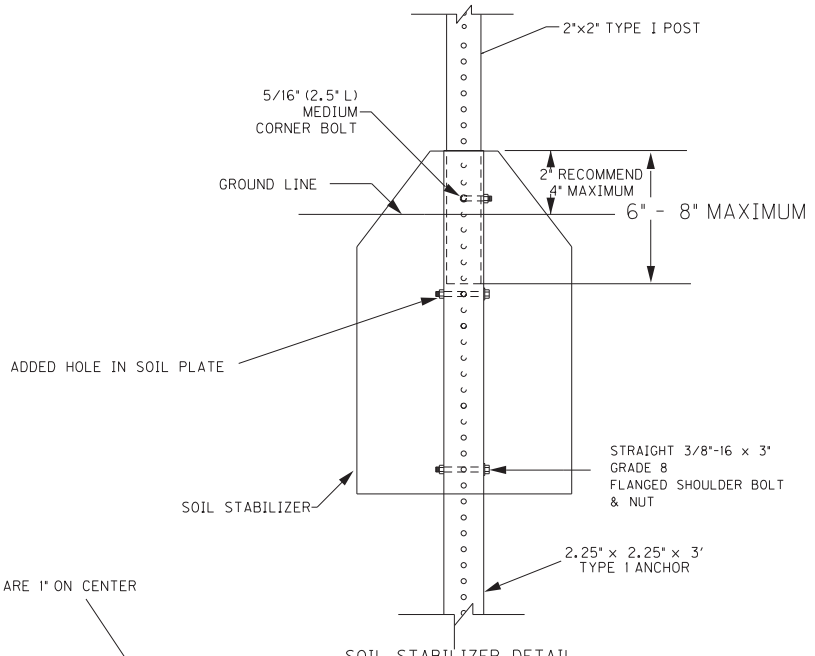
PLAN VIEW
NOT TO SCALE



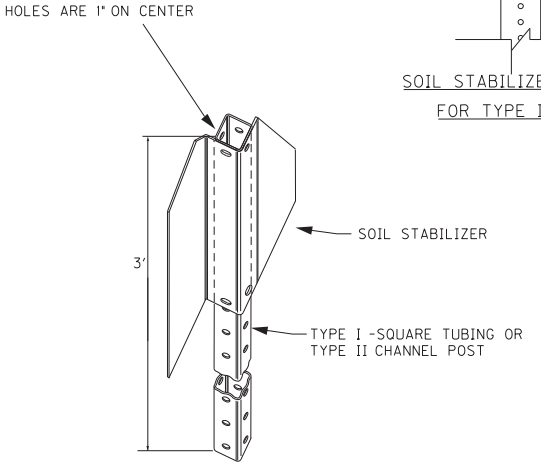
TYPE I
SQUARE TUBING POST
WITH TYPE "D" SUPPORT

TYPE I
SQUARE TUBING POST
WITH SOIL STABILIZER

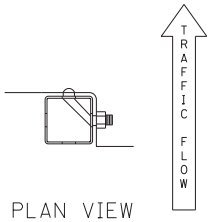
TYPE II
CHANNEL POST
WITH SOIL STABILIZER



SOIL STABILIZER DETAIL
FOR TYPE I POST



SOIL STABILIZER DETAIL



PLAN VIEW
NOT TO SCALE

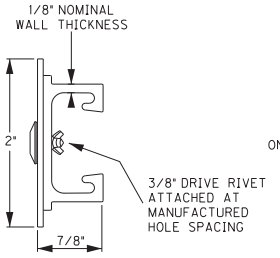
NOT TO SCALE

SHEETING SIGN DETAIL
SHEET 1 OF 2

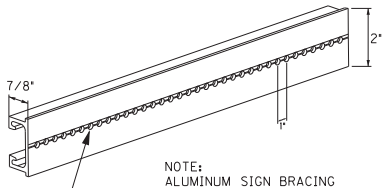
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bricks
DATE PLOTTED: January 6, 2022
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\T004 SHEETING SIGN DETAIL

COUNTY OF	ITEM NO.	SHEET #
WHITLEY	11-9015.20	T005

FOR ATTACHMENT OF SIGNS LESS THAN 72" IN WIDTH USING MANUFACTURED 3/8" HOLES ACCORDING TO 2004 STANDARD HIGHWAY SIGNS BLANK STANDARDS PGS 7-1 THRU 7-6

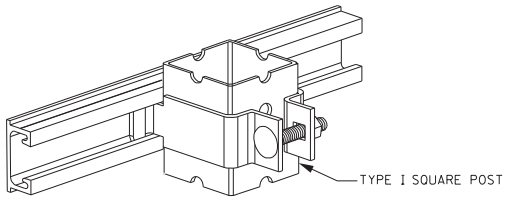


SIGN BRACE



NOTE:
ALUMINUM SIGN BRACING
2" MOUNTING SURFACE x 7/8" DEPTH x 1/8"
NOMINAL WALL THICKNESS

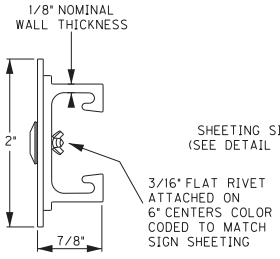
6061-T6 ALUMINUM ALLOY, PUNCHED WITH
3/8" DIAMETER HOLES ON 1" CENTERS FOR
ATTACHMENT OF SIGN SUBSTRATE
USING 3/8" DRIVE RIVETS



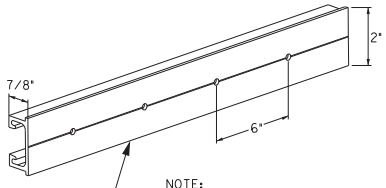
SQUARE POST CLAMP & BRACE

FOR ATTACHMENT OF SIGNS GREATER THAN, OR EQUAL TO, 72" IN WIDTH.

RIVETS SHALL BE COLOR CODED TO MATCH SHEETING IN ORDER TO MINIMIZE GLARE FROM RIVETS

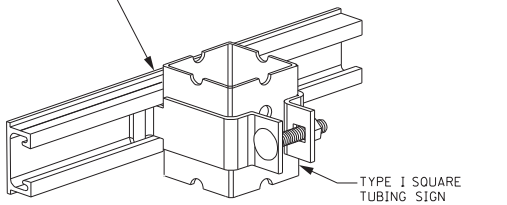


SIGN BRACE

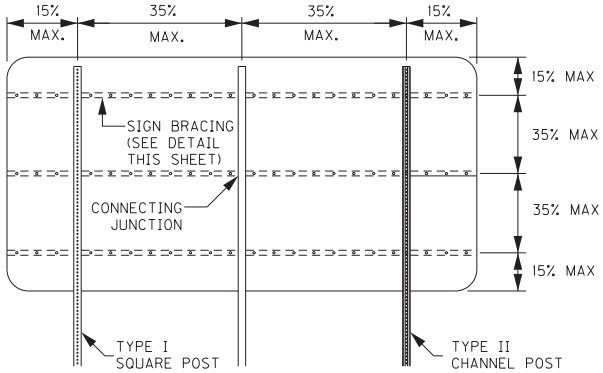


NOTE:
ALUMINUM SIGN BRACING
2" MOUNTING SURFACE x 7/8" DEPTH x 1/8"
NOMINAL WALL THICKNESS

6061-T6 ALUMINUM ALLOY, PUNCHED WITH
3/16" DIAMETER HOLES ON 6" CENTERS FOR
ATTACHMENT OF SIGN SUBSTRATE USING RIVETS



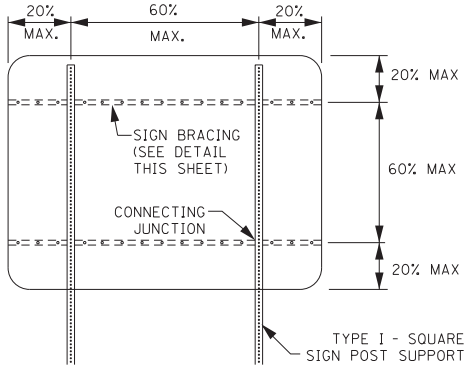
SQUARE POST CLAMP & BRACE



3 POST - BRACING DIAGRAM

NOTE:
1. MAXIMUM AREA
PER CONNECTING
JUNCTION = 16 SQ. FT.

2. BRACING SHOULD NOT BE
SPLICED WITHIN 6" OF A BRACE
TO POST JUNCTION.



2 POST - BRACING DIAGRAM

NOTE:
USE OF SIGN BRACING NOT SHOWN ON THIS SHEET MAY BE PERMITTED BY PROJECT ENGINEER AND/OR DISTRICT TRAFFIC ENGINEER.

NOT TO SCALE

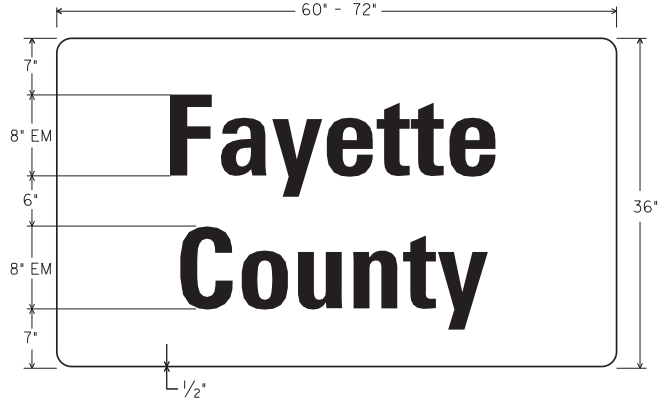
SHEETING SIGN DETAIL

SHEET 2 OF 2

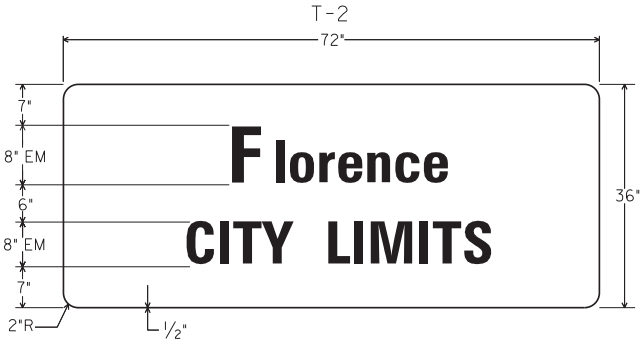
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\T005 SHEETING SIGN DETAIL
USER: bhicks
DATE PLOTTED: January 6, 2022
E-SHEET NAME:
Power InRoads v8.11.9.397

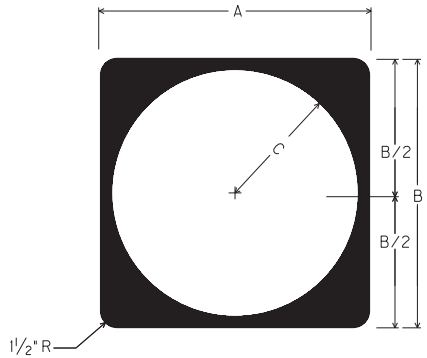
COUNTY OF	ITEM NO.	SHEET NO.
WHITLEY	11-9015.20	T006

T-1



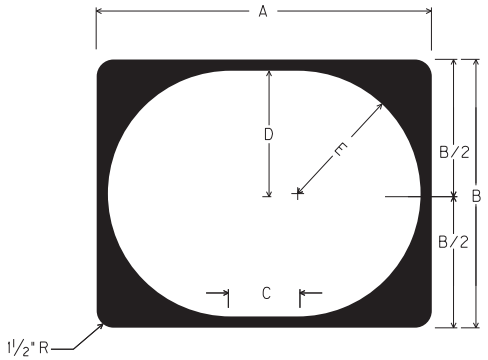
T-2





M1-5 (1 OR 2 DIGIT)

	A	B	C	FONT
CONVENTIONAL	24"	24"	11"	12D
EXPRESSWAY/ FREEWAY	36"	36"	17"	18D



M1-5 (3 OR 4 DIGIT)

	A	B	C	D	E	FONT	
						3 DIGIT	4 DIGIT
CONVENTIONAL	30"	24"	6"	11"	11"	12D	12B
EXPRESSWAY/ FREEWAY	45"	36"	9"	16.5"	16.5"	18D	18B

NOTE: FOR ROUTE MARKERS, IF NECESSARY, ADJUSTMENTS TO THE DIGIT LAYOUT AND/OR FONT TYPE MAY BE MADE TO ENSURE VISUAL ACUITY

NOTE: EXPRESSWAY/FREEWAY DEFINED AS A DIVIDED HIGHWAY WITH PARTIAL OR FULL CONTROL OF ACCESS

S-1



NOT TO SCALE

TYPICAL SIGNS

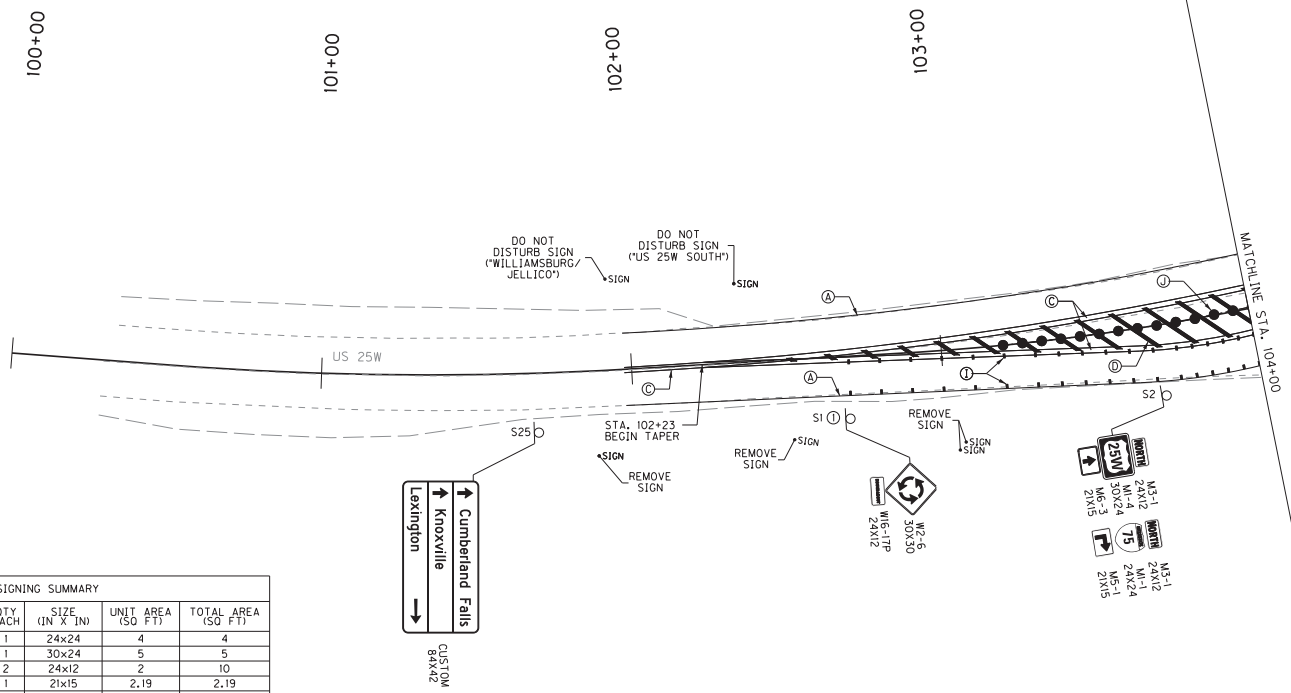
USER: bhicks
DATE PLOTTED: January 6, 2022
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\T006 GEN TYP STD SIGNS
E-SHEET NAME:
Power InRoads v8.11.9.397

COUNTY OF	ITEM NO.	SHEET #
WHITLEY	11-9015.20	T007

NOTES

1. INSTALL REFLECTIVE SIGN POST PANEL ON POSTS. SEE SHEETING SIGN SUMMARY FOR MORE DETAILS.
2. CROSS-HATCH TO BE INSTALLED WITH 1 FT WIDTH AND 10 FT SPACING.
3. YIELD BAR TO BE INSTALLED WITH 2 FT WIDTH AND 3' SPACING ON THE US 25W APPROACHES. YIELD BAR TO BE INSTALLED WITH 2 FT WIDTH AND 6' SPACING ON THE I-75 OFF RAMPS.
4. INSTALL THERMO RUMBLE STRIPS TYPE 2 ON THE US 25W HIGH-SPEED APPROACH LEGS 550 FT, 650 FT, AND 800 FT PRIOR TO THE ROUNDABOUTS.
5. DOTTED LANE EXTENSION MARKINGS SHALL BE WIDE LINES (12 IN) AND SHOULD CONSIST OF 2 FT LINE SEGMENTS WITH 2 FT SPACING.

STRIPING LEGEND AND SUMMARY			
PLAN ID	ITEM NUMBER	ITEM	TOTAL
Ⓐ	6556	PAVE STRIPING-DUR TY 1-6 IN W	406
Ⓒ	6557	PAVE STRIPING-DUR TY 1-6 IN Y (DOUBLE)	760
Ⓓ	23253ES717	PAVE MARK TY 1 TAPE CROSS-HATCH (2)	1,225
Ⓘ	6560	PAVE STRIPING-DUR TY 1-12 IN W (OPTICAL SPEED BARS)	54
Ⓙ	22680EN	QWICK CURB MEDIAN SEPARATOR	80
	24097EC	THERMO RUMBLE STRIPS TY 2 (4)	74



SIGNING SUMMARY					
SIGN	DESCRIPTION	QTY EACH	SIZE (IN X IN)	UNIT AREA (SQ FT)	TOTAL AREA (SQ FT)
M1-1	INTERSTATE ROUTE	1	24x24	4	4
M1-4	US ROUTE	1	30x24	5	5
M3-1	NORTH	2	24x12	2	10
M5-1	RIGHT ARROW	1	21x15	2.19	2.19
M6-3	STRAIGHT ARROW	1	21x15	2.19	2.19
W2-6	INTERSECTION WARNING	1	30x30	6.25	6.25
W16-17P	ROUNDABOUT	1	24x12	2	2
-	CUSTOM	1	84x42	24.5*	24.5*
-	REFLECTIVE PANEL	1	2x84	1.17*	1.17*

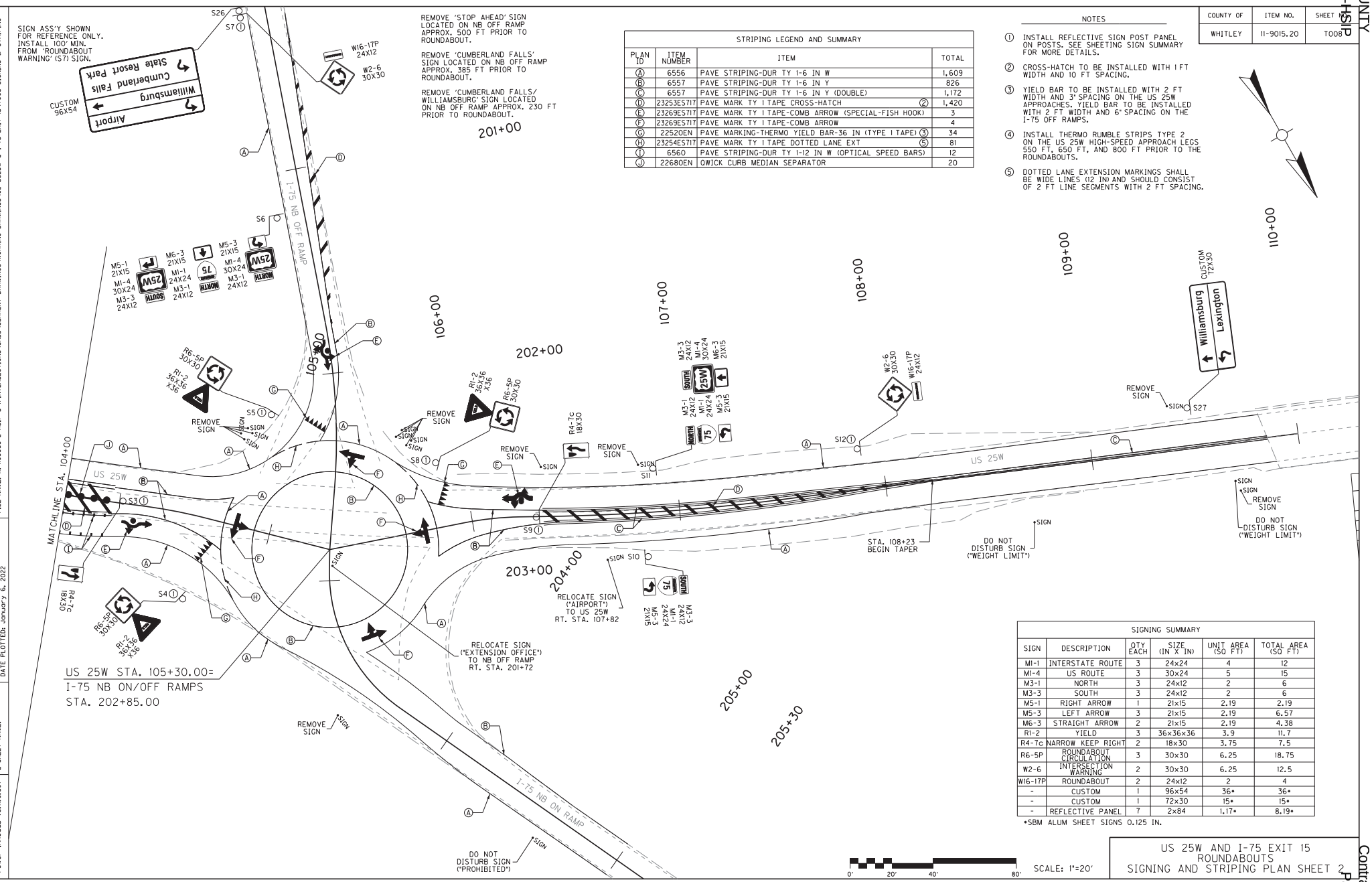
*SBM ALUM SHEET SIGNS 0.125 IN.

0' 20' 40' 80' SCALE: 1"=20'

US 25W AND I-75 EXIT 15
ROUNDABOUTS
SIGNING AND STRIPING PLAN SHEET 1

FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\T007 SIGNING & STRIPING
USER: bhicks
DATE PLOTTED: January 6, 2022
E-SHEET NAME:
Power InRoads v8.11.9.397

COUNTY OF	ITEM NO.	SHEET #
WHITLEY	11-9015.20	T008



STRIPING LEGEND AND SUMMARY			
PLAN ID	ITEM NUMBER	ITEM	TOTAL
A	6556	PAVE STRIPING-DUR TY I-6 IN W	1,609
B	6557	PAVE STRIPING-DUR TY I-6 IN Y	826
C	6557	PAVE STRIPING-DUR TY I-6 IN Y (DOUBLE)	1,172
D	23253ES717	PAVE MARK TY I TAPE CROSS-HATCH (2)	1,420
E	23269ES717	PAVE MARK TY I TAPE-COMB ARROW (SPECIAL-FISH HOOK)	3
F	23269ES717	PAVE MARK TY I TAPE-COMB ARROW	4
G	22520EN	PAVE MARKING-THERMO YIELD BAR-36 IN (TYPE I TAPE) (3)	34
H	23254ES717	PAVE MARK TY I TAPE DOTTED LANE EXT (5)	81
I	6560	PAVE STRIPING-DUR TY I-12 IN W (OPTICAL SPEED BARS)	12
J	22680EN	QWICK CURB MEDIAN SEPARATOR	20

NOTES

1. INSTALL REFLECTIVE SIGN POST PANEL ON POSTS. SEE SHEETING SIGN SUMMARY FOR MORE DETAILS.
2. CROSS-HATCH TO BE INSTALLED WITH 1 FT WIDTH AND 10 FT SPACING.
3. YIELD BAR TO BE INSTALLED WITH 2 FT WIDTH AND 3' SPACING ON THE US 25W APPROACHES. YIELD BAR TO BE INSTALLED WITH 2 FT WIDTH AND 6' SPACING ON THE I-75 OFF RAMPS.
4. INSTALL THERMO RUMBLE STRIPS TYPE 2 ON THE US 25W HIGH-SPEED APPROACH LEGS 550 FT, 650 FT, AND 800 FT PRIOR TO THE ROUNDABOUTS.
5. DOTTED LANE EXTENSION MARKINGS SHALL BE WIDE LINES (12 IN) AND SHOULD CONSIST OF 2 FT LINE SEGMENTS WITH 2 FT SPACING.

SIGNING SUMMARY					
SIGN	DESCRIPTION	QTY EACH	SIZE (IN X IN)	UNIT AREA (SQ FT)	TOTAL AREA (SQ FT)
MI-1	INTERSTATE ROUTE	3	24x24	4	12
MI-4	US ROUTE	3	30x24	5	15
M3-1	NORTH	3	24x12	2	6
M3-3	SOUTH	3	24x12	2	6
M5-1	RIGHT ARROW	1	21x15	2.19	2.19
M5-3	LEFT ARROW	3	21x15	2.19	6.57
M6-3	STRAIGHT ARROW	2	21x15	2.19	4.38
R1-2	YIELD	3	36x36x36	3.9	11.7
R4-7c	NARROW KEEP RIGHT	2	18x30	3.75	7.5
R6-5P	ROUNDABOUT CIRCULATION	3	30x30	6.25	18.75
W2-6	INTERSECTION WARNING	2	30x30	6.25	12.5
W16-17P	ROUNDABOUT	2	24x12	2	4
-	CUSTOM	1	96x54	36*	36*
-	CUSTOM	1	72x30	15*	15*
-	REFLECTIVE PANEL	7	2x84	1.17*	8.19*

*SBM ALUM SHEET SIGNS 0.125 IN.

SCALE: 1"=20'

US 25W AND I-75 EXIT 15
ROUNDABOUTS
SIGNING AND STRIPING PLAN SHEET 2

FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\T008 SIGNING & STRIPING
USER: bhicks
DATE PLOTTED: January 6, 2022
E-SHEET NAME:
Power InRoads v8.11.9.397

COUNTY OF	ITEM NO.	SHEET #
WHITLEY	11-9015.20	T009

NOTES

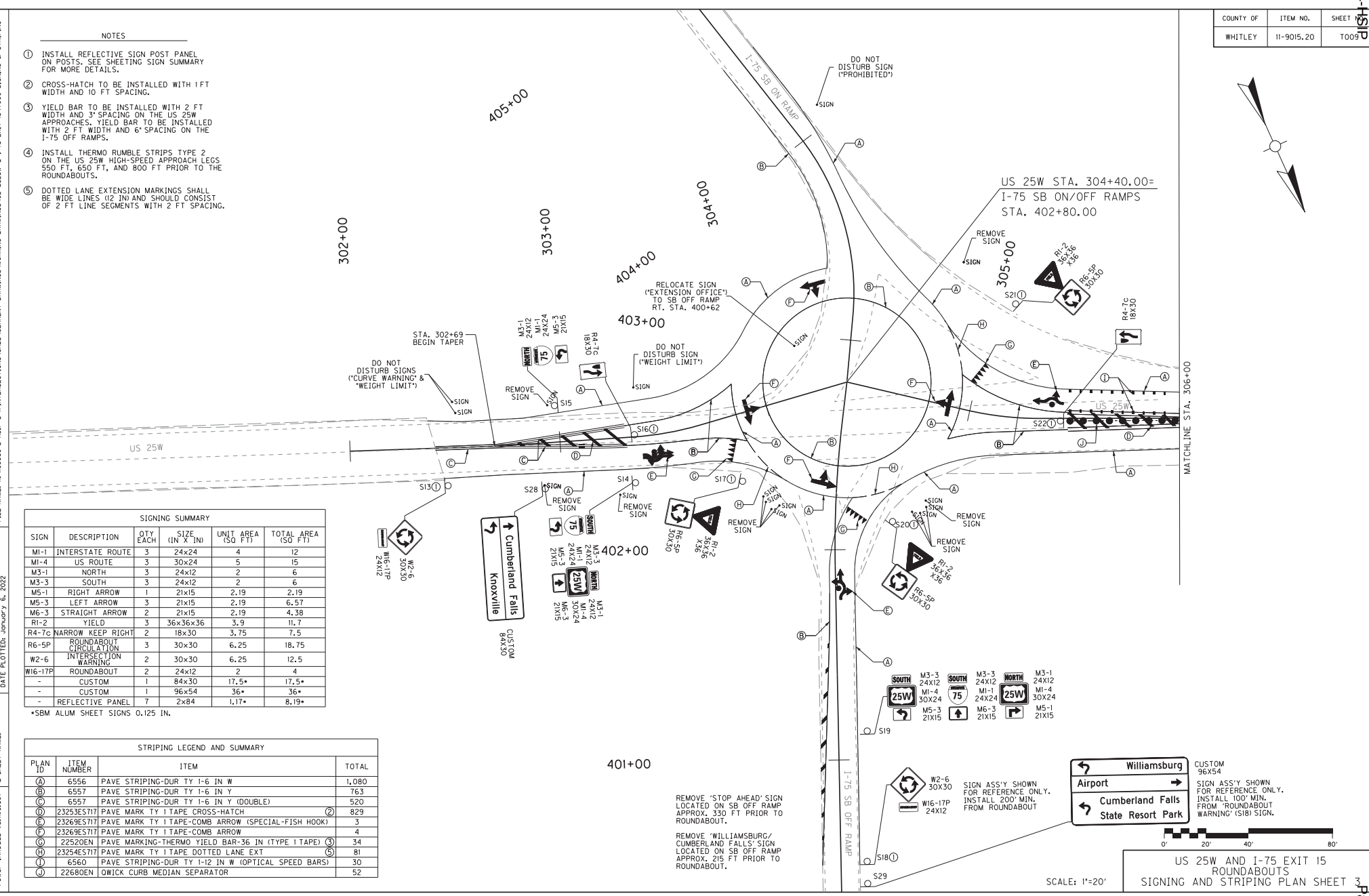
① INSTALL REFLECTIVE SIGN POST PANEL ON POSTS. SEE SHEETING SIGN SUMMARY FOR MORE DETAILS.

② CROSS-HATCH TO BE INSTALLED WITH 1 FT WIDTH AND 10 FT SPACING.

③ YIELD BAR TO BE INSTALLED WITH 2 FT WIDTH AND 3' SPACING ON THE US 25W APPROACHES. YIELD BAR TO BE INSTALLED WITH 2 FT WIDTH AND 6' SPACING ON THE I-75 OFF RAMPS.

④ INSTALL THERMO RUMBLE STRIPS TYPE 2 ON THE US 25W HIGH-SPEED APPROACH LEGS 550 FT, 650 FT, AND 800 FT PRIOR TO THE ROUNDABOUTS.

⑤ DOTTED LANE EXTENSION MARKINGS SHALL BE WIDE LINES (12 IN) AND SHOULD CONSIST OF 2 FT LINE SEGMENTS WITH 2 FT SPACING.



US 25W AND I-75 EXIT 15
ROUNDABOUTS
SIGNING AND STRIPING PLAN SHEET 3

SIGNING SUMMARY

SIGN	DESCRIPTION	QTY EACH	SIZE (IN X IN)	UNIT AREA (SQ FT)	TOTAL AREA (SQ FT)
M1-1	INTERSTATE ROUTE	3	24x24	4	12
M1-4	US ROUTE	3	30x24	5	15
M3-1	NORTH	3	24x12	2	6
M3-3	SOUTH	3	24x12	2	6
M5-1	RIGHT ARROW	1	21x15	2.19	2.19
M5-3	LEFT ARROW	3	21x15	2.19	6.57
M6-3	STRAIGHT ARROW	2	21x15	2.19	4.38
R1-2	YIELD	3	36x36x36	3.9	11.7
R4-7c	NARROW KEEP RIGHT	2	18x30	3.75	7.5
R6-5P	ROUNDABOUT CIRCULATION	3	30x30	6.25	18.75
W2-6	INTERSECTION WARNING	2	30x30	6.25	12.5
W16-17P	ROUNDABOUT	2	24x12	2	4
-	CUSTOM	1	84x30	17.5*	17.5*
-	CUSTOM	1	96x54	36*	36*
-	REFLECTIVE PANEL	7	2x84	1.17*	8.19*

*SBM ALUM SHEET SIGNS 0.125 IN.

STRIPING LEGEND AND SUMMARY

PLAN ID	ITEM NUMBER	ITEM	TOTAL
(A)	6556	PAVE STRIPING-DUR TY 1-6 IN W	1,080
(B)	6557	PAVE STRIPING-DUR TY 1-6 IN Y	763
(C)	6557	PAVE STRIPING-DUR TY 1-6 IN Y (DOUBLE)	520
(D)	23253ES717	PAVE MARK TY 1 TAPE CROSS-HATCH (2)	829
(E)	23269ES717	PAVE MARK TY 1 TAPE-COMB ARROW (SPECIAL-FISH HOOK)	3
(F)	23269ES717	PAVE MARK TY 1 TAPE-COMB ARROW	4
(G)	22520EN	PAVE MARKING-THERMO YIELD BAR-36 IN (TYPE 1 TAPE) (3)	34
(H)	23254ES717	PAVE MARK TY 1 TAPE DOTTED LANE EXT (5)	81
(I)	6560	PAVE STRIPING-DUR TY 1-12 IN W (OPTICAL SPEED BARS)	30
(J)	22680EN	QWICK CURB MEDIAN SEPARATOR	52

FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\T009 SIGNING & STRIPING
USER: bhicks
DATE PLOTTED: January 6, 2022
E-SHEET NAME:
Power InRoads v8.11.9.397

COUNTY OF	ITEM NO.	SHEET #
WHITLEY	11-9015.20	TOIO

NOTES

① INSTALL REFLECTIVE SIGN POST PANEL ON POSTS. SEE SHEETING SIGN SUMMARY FOR MORE DETAILS.

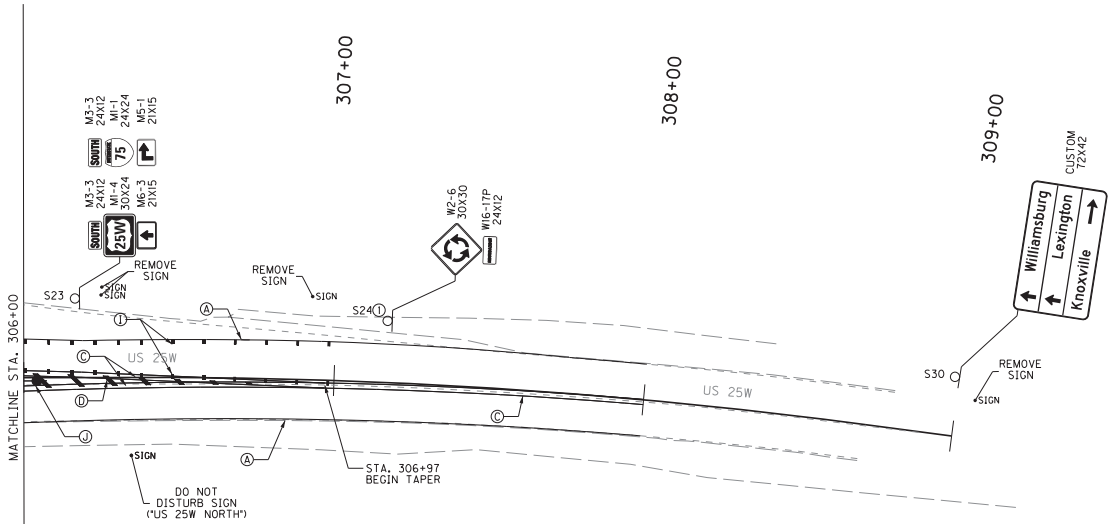
② CROSS-HATCH TO BE INSTALLED WITH 1 FT WIDTH AND 10 FT SPACING.

③ YIELD BAR TO BE INSTALLED WITH 2 FT WIDTH AND 3' SPACING ON THE US 25W APPROACHES. YIELD BAR TO BE INSTALLED WITH 2 FT WIDTH AND 6' SPACING ON THE I-75 OFF RAMPS.

④ INSTALL THERMO RUMBLE STRIPS TYPE 2 ON THE US 25W HIGH-SPEED APPROACH LEGS 550 FT, 650 FT, AND 800 FT PRIOR TO THE ROUNDABOUTS.

⑤ DOTTED LANE EXTENSION MARKINGS SHALL BE WIDE LINES (12 IN) AND SHOULD CONSIST OF 2 FT LINE SEGMENTS WITH 2 FT SPACING.

STRIPING LEGEND AND SUMMARY			
PLAN ID	ITEM NUMBER	ITEM	TOTAL
Ⓐ	6556	PAVE STRIPING-DUR TY 1-6 IN W	400
Ⓒ	6557	PAVE STRIPING-DUR TY 1-6 IN Y (DOUBLE)	594
Ⓓ	23253ES717	PAVE MARK TY 1 TAPE CROSS-HATCH ②	208
Ⓘ	6560	PAVE STRIPING-DUR TY 1-12 IN W (OPTICAL SPEED BARS)	36
Ⓙ	22680EN	QWICK CURB MEDIAN SEPARATOR	8
	24097EC	THERMO RUMBLE STRIPS TY 2 ④	74



SIGNING SUMMARY					
SIGN	DESCRIPTION	QTY EACH	SIZE (IN X IN)	UNIT AREA (SQ FT)	TOTAL AREA (SQ FT)
M1-1	INTERSTATE ROUTE	1	24x24	4	4
M1-4	US ROUTE	1	30x24	5	5
M3-3	SOUTH	2	24x12	2	10
M5-1	RIGHT ARROW	1	21x15	2.19	2.19
M6-3	STRAIGHT ARROW	1	21x15	2.19	2.19
W2-6	INTERSECTION WARNING	1	30x30	6.25	6.25
W16-17P	ROUNDABOUT	1	24x12	2	2
-	CUSTOM	1	72X42	21*	21*
-	REFLECTIVE PANEL	1	2x84	1.17*	1.17*

*SBM ALUM SHEET SIGNS 0.125 IN.

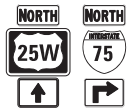
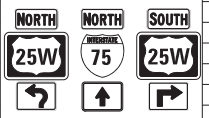
0' 20' 40' 80' SCALE: 1"=20'

US 25W AND I-75 EXIT 15
ROUNDABOUTS
SIGNING AND STRIPING PLAN SHEET 4

Power InRoads v8.11.9.397 | E-SHEET NAME: | USER: bhicks DATE PLOTTED: January 6, 2022 | FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\TOIO SIGNING & STRIPING

SHEETING SIGNS DETAIL SHEET

COUNTY OF	ITEM NO.	SHEET NO.
WHITLEY	11-9015.20	TOII

SIGN/SIGN ASSEMBLY NUMBER	SIZES IN INCHES HORIZ.	SIZES IN INCHES VERT.	MESSAGES ①	SPECIFICATION	SIGN LOCATION SIDE OF ROAD	FACING TRAFFIC TRAVELING	ON ROAD	AT STATION (APPROXIMATE)
S-1	30	30		W2-6	RT	NB	US 25W	102+68
	24	12		W16-17P				
	2	84		YELLOW REFLECTIVE PANEL				
				BARCODE SIGN INVENTORY:				3
				INSTALLATION TYPE:				STND W/ SOIL PLATE
				NUMBER OF SIGN POSTS:				1
				TOTAL STEEL POST-TYPE 1 (LF):				13
S-2	24	12		M3-1	RT	NB	US 25W	103+68
	30	24		M1-4				
	21	15		M6-3				
	24	12		M3-1				
	24	24		M1-1				•BRACING REQ'D
	21	15		M5-1				6
							INSTALLATION TYPE:	STND W/ SOIL PLATE
							NUMBER OF SIGN POSTS:	1
							TOTAL STEEL POST-TYPE 1 (LF):	13
S-3	18	30		R4-7c	MED	NB	US 25W	104+26
	2	84		WHITE REFLECTIVE PANEL				
				BARCODE SIGN INVENTORY:				2
				INSTALLATION TYPE:				TYPE D SURF. MOUNT
				NUMBER OF SIGN POSTS:				1
				TOTAL STEEL POST-TYPE 1 (LF):				11
S-4	36	36		R1-2	RT	NB	US 25W	104+68
	30	30		R6-5P				
	2	84		RED REFLECTIVE PANEL				
				BARCODE SIGN INVENTORY:				3
				INSTALLATION TYPE:				STND W/ SOIL PLATE
				NUMBER OF SIGN POSTS:				1
				TOTAL STEEL POST-TYPE 1 (LF):				14
S-5	36	36		R1-2	RT	NB	NB OFF RAMP	202+20
	30	30		R6-5P				
	2	84		RED REFLECTIVE PANEL				
				BARCODE SIGN INVENTORY:				3
				INSTALLATION TYPE:				STND W/ SOIL PLATE
				NUMBER OF SIGN POSTS:				1
				TOTAL STEEL POST-TYPE 1 (LF):				14
S-6	24	12		M3-1	RT	NB	NB OFF RAMP	201+20
	30	24		M1-4				
	21	15		M5-3				
	24	12		M3-1				
	24	24		M1-1				•BRACING REQ'D
	21	15		M6-3				9
	24	12		M3-3			INSTALLATION TYPE:	STND W/ SOIL PLATE
	30	24		M1-4			NUMBER OF SIGN POSTS:	2
	21	15		M5-1			TOTAL STEEL POST-TYPE 1 (LF):	26

SIGN/SIGN ASSEMBLY NUMBER	SIZES IN INCHES HORIZ.	SIZES IN INCHES VERT.	MESSAGES ①	SPECIFICATION	SIGN LOCATION SIDE OF ROAD	FACING TRAFFIC TRAVELING	ON ROAD	AT STATION (APPROXIMATE)
S-7	30	30		W2-6	RT	NB	NB OFF RAMP	200+20
	24	12		W16-17P				
	2	84		YELLOW REFLECTIVE PANEL				
							BARCODE SIGN INVENTORY:	3
							INSTALLATION TYPE:	STND W/ SOIL PLATE
							NUMBER OF SIGN POSTS:	1
							TOTAL STEEL POST-TYPE 1 (LF):	13
S-8	36	36		R1-2	RT	SB	US 25W	105+90
	30	30		R6-5P				
	2	84		RED REFLECTIVE PANEL				
							BARCODE SIGN INVENTORY:	3
							INSTALLATION TYPE:	STND W/ SOIL PLATE
							NUMBER OF SIGN POSTS:	1
							TOTAL STEEL POST-TYPE 1 (LF):	14
S-9	18	30		R4-7c	MED	SB	US 25W	106+32
	2	84		WHITE REFLECTIVE PANEL				
							BARCODE SIGN INVENTORY:	2
							INSTALLATION TYPE:	TYPE D SURF. MOUNT
							NUMBER OF SIGN POSTS:	1
							TOTAL STEEL POST-TYPE 1 (LF):	11
S-10	24	12		M3-3	RT	NB	US 25W	106+82
	24	24		M1-1				
	21	15		M5-3				
							BARCODE SIGN INVENTORY:	3
							INSTALLATION TYPE:	STND W/ SOIL PLATE
							NUMBER OF SIGN POSTS:	1
							TOTAL STEEL POST-TYPE 1 (LF):	13
S-11	24	12		M3-1	RT	SB	US 25W	106+90
	24	24		M1-1				
	21	15		M5-3				
	24	12		M3-3				
	30	24		M1-4				•BRACING REQ'D
	21	15		M6-3				6
							INSTALLATION TYPE:	STND W/ SOIL PLATE
							NUMBER OF SIGN POSTS:	1
							TOTAL STEEL POST-TYPE 1 (LF):	13
S-12	30	30		W2-6	RT	SB	US 25W	107+90
	24	12		W16-17P				
	2	84		YELLOW REFLECTIVE PANEL				
							BARCODE SIGN INVENTORY:	3
							INSTALLATION TYPE:	STND W/ SOIL PLATE
							NUMBER OF SIGN POSTS:	1
							TOTAL STEEL POST-TYPE 1 (LF):	13

SPECIAL NOTES:

1. THE COLORS SHALL BE AS SHOWN IN THE "MANUAL ON UNIFORM TRAFFFIC CONTROL DEVICES" AND "STANDARD HIGHWAY SIGNS".
2. SHEETING SIGNS SHALL BE FABRICATED FROM 0.125 GAUGE MATERIAL IF ANY DIMENSION IS GREATER THAN 36" (THIRTY-SIX INCHES), OTHERWISE 0.080 GAUGE MATERIAL SHALL BE USED.

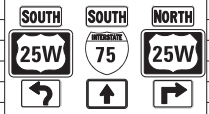
US 25W AND I-75 EXIT 15
ROUNDABOUTS
SHEETING SIGN DETAIL SHEET 1

FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\T011 SHEETING SIGN DETAIL
USER: bhicks
DATE PLOTTED: January 6, 2022
E-SHEET NAME:
Power InRoads v8.11.9.397

SHEETING SIGNS DETAIL SHEET

COUNTY OF	ITEM NO.	SHEET NO.
WHITLEY	11-9015.20	T012

SIGN/SIGN ASSEMBLY NUMBER	SIZES IN INCHES HORIZ.	SIZES IN INCHES VERT.	MESSAGES ①	SPECIFICATION	SIGN LOCATION SIDE OF ROAD	SIGN LOCATION FACING TRAFFIC TRAVELING	SIGN LOCATION ON ROAD	SIGN LOCATION AT STATION (APPROXIMATE)
S-13	30	30		W2-6	RT	NB	US 25W	302+45
	24	12		W16-17P				
	2	84		YELLOW REFLECTIVE PANEL				
				BARCODE SIGN INVENTORY:				3
				INSTALLATION TYPE:				STND W/ SOIL PLATE
				NUMBER OF SIGN POSTS:				1
				TOTAL STEEL POST-TYPE 1 (LF):				13
S-14	24	12		M3-3	RT	NB	US 25W	303+33
	24	24		M1-1				
	21	15		M5-3				
	24	12		M3-1				
	30	24		M1-4				*BRACING REQ'D
	21	15		M6-3				
				BARCODE SIGN INVENTORY:				6
				INSTALLATION TYPE:				STND W/ SOIL PLATE
				NUMBER OF SIGN POSTS:				1
				TOTAL STEEL POST-TYPE 1 (LF):				13
S-15	24	12		M3-1	RT	SB	US 25W	303+00
	24	24		M1-1				
	21	15		M5-3				
				BARCODE SIGN INVENTORY:				3
				INSTALLATION TYPE:				STND W/ SOIL PLATE
				NUMBER OF SIGN POSTS:				1
				TOTAL STEEL POST-TYPE 1 (LF):				13
S-16	18	30		R4-7c	MED	NB	US 25W	303+34
	2	84		WHITE REFLECTIVE PANEL				
				BARCODE SIGN INVENTORY:				2
				INSTALLATION TYPE:				TYPE D SURF. MOUNT
				NUMBER OF SIGN POSTS:				1
				TOTAL STEEL POST-TYPE 1 (LF):				11
S-17	36	36		R1-2	RT	NB	US 25W	303+78
	30	30		R6-5P				
	2	84		RED REFLECTIVE PANEL				
				BARCODE SIGN INVENTORY:				3
				INSTALLATION TYPE:				STND W/ SOIL PLATE
				NUMBER OF SIGN POSTS:				1
				TOTAL STEEL POST-TYPE 1 (LF):				14
S-18	30	30		W2-6	RT	SB	SB OFF RAMP	400+12
	24	12		W16-17P				
	2	84		YELLOW REFLECTIVE PANEL				
				BARCODE SIGN INVENTORY:				3
				INSTALLATION TYPE:				STND W/ SOIL PLATE
				NUMBER OF SIGN POSTS:				1
				TOTAL STEEL POST-TYPE 1 (LF):				13

SIGN/SIGN ASSEMBLY NUMBER	SIZES IN INCHES HORIZ.	SIZES IN INCHES VERT.	MESSAGES ①	SPECIFICATION	SIGN LOCATION SIDE OF ROAD	SIGN LOCATION FACING TRAFFIC TRAVELING	SIGN LOCATION ON ROAD	SIGN LOCATION AT STATION (APPROXIMATE)
S-19	24	12		M3-3	RT	SB	SB OFF RAMP	401+12
	30	24		M1-4				
	21	15		M5-3				
	24	12		M3-3				
	24	24		M1-1				*BRACING REQ'D
	21	15		M6-3				
	24	12		M3-1				
	30	24		M1-4				
	21	15		M5-1				
				BARCODE SIGN INVENTORY:				9
				INSTALLATION TYPE:				STND W/ SOIL PLATE
				NUMBER OF SIGN POSTS:				2
				TOTAL STEEL POST-TYPE 1 (LF):				26
S-20	36	36		R1-2	RT	SB	SB OFF RAMP	402+12
	30	30		R6-5P				
	2	84		RED REFLECTIVE PANEL				
				BARCODE SIGN INVENTORY:				3
				INSTALLATION TYPE:				STND W/ SOIL PLATE
				NUMBER OF SIGN POSTS:				1
				TOTAL STEEL POST-TYPE 1 (LF):				14
S-21	36	36		R1-2	RT	SB	US 25W	305+18
	30	30		R6-5P				
	2	84		RED REFLECTIVE PANEL				
				BARCODE SIGN INVENTORY:				3
				INSTALLATION TYPE:				STND W/ SOIL PLATE
				NUMBER OF SIGN POSTS:				1
				TOTAL STEEL POST-TYPE 1 (LF):				14
S-22	18	30		R4-7c	MED	SB	US 25W	305+45
	2	84		WHITE REFLECTIVE PANEL				
				BARCODE SIGN INVENTORY:				2
				INSTALLATION TYPE:				TYPE D SURF. MOUNT
				NUMBER OF SIGN POSTS:				1
				TOTAL STEEL POST-TYPE 1 (LF):				11
S-23	24	12		M3-3	RT	SB	US 25W	306+18
	30	24		M1-4				
	21	15		M6-3				
	24	12		M3-3				
	24	24		M1-1				*BRACING REQ'D
	21	15		M5-1				
				BARCODE SIGN INVENTORY:				6
				INSTALLATION TYPE:				STND W/ SOIL PLATE
				NUMBER OF SIGN POSTS:				1
				TOTAL STEEL POST-TYPE 1 (LF):				13
S-24	30	30		W2-6	RT	SB	US 25W	307+18
	24	12		W16-17P				
	2	84		YELLOW REFLECTIVE PANEL				
				BARCODE SIGN INVENTORY:				3
				INSTALLATION TYPE:				STND W/ SOIL PLATE
				NUMBER OF SIGN POSTS:				1
				TOTAL STEEL POST-TYPE 1 (LF):				13

SPECIAL NOTES:

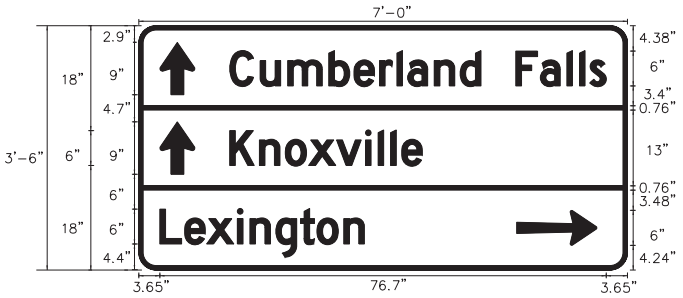
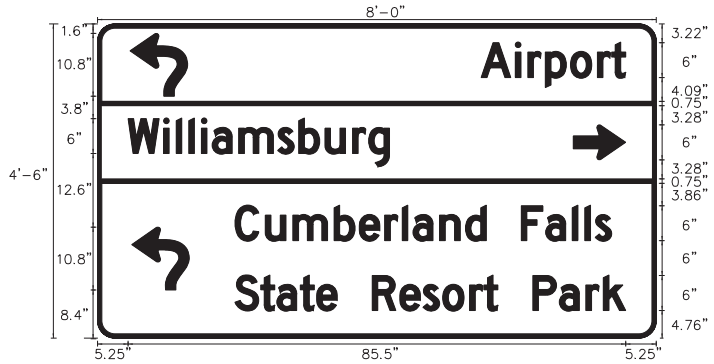
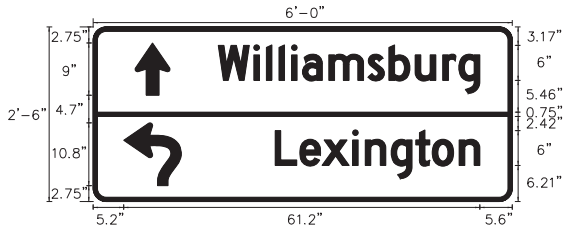
1. THE COLORS SHALL BE AS SHOWN IN THE "MANUAL ON UNIFORM TRAFFFIC CONTROL DEVICES" AND "STANDARD HIGHWAY SIGNS".
2. SHEETING SIGNS SHALL BE FABRICATED FROM 0.125 GAUGE MATERIAL IF ANY DIMENSION IS GREATER THAN 36" (THIRTY-SIX INCHES), OTHERWISE 0.080 GAUGE MATERIAL SHALL BE USED.

US 25W AND I-75 EXIT 15
ROUNDABOUTS
SHEETING SIGN DETAIL SHEET 2

FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\T011 SHEETING SIGN DETAIL
USER: bhicks
DATE PLOTTED: January 6, 2022
E-SHEET NAME:
Power InRoads v8.11.9.397

SHEETING SIGNS DETAIL SHEET

COUNTY OF	ITEM NO.	SHEET NO.
WHITLEY	11-9015.20	T013

SIGN/SIGN ASSEMBLY NUMBER	SIZES IN INCHES HORIZ.	SIZES IN INCHES VERT.	MESSAGES ①	SPECIFICATION	SIGN LOCATION: SIDE OF ROAD	SIGN LOCATION: FACING TRAFFIC TRAVELING	SIGN LOCATION: ON ROAD	SIGN LOCATION: AT STATION (APPROXIMATE)
S-25	84	42	 BORDER R=3" TH=0.75"	CUSTOM	RT	NB	US 25W	101+68
				SIGN COLOR: GREEN				
				LEGEND: WHITE				
								*BRACING REQ'D
							BARCODE SIGN INVENTORY:	1
							INSTALLATION TYPE:	TYPE D
							NUMBER OF SIGN POSTS:	2
							TOTAL STEEL POST-TYPE 1 (LF):	26
S-26	96	54	 BORDER R=3" TH=0.75"	CUSTOM	RT	NB	NB OFF RAMP	199+20
				SIGN COLOR: GREEN (TOP)/BROWN (BOTTOM)				
				LEGEND: WHITE				
								*BRACING REQ'D
							BARCODE SIGN INVENTORY:	1
							INSTALLATION TYPE:	TYPE D
							NUMBER OF SIGN POSTS:	2
							TOTAL STEEL POST-TYPE 1 (LF):	28
S-27	72	30	 BORDER R=2.25" TH=0.75"	CUSTOM	RT	SB	US 25W	109+50
				SIGN COLOR: GREEN				
				LEGEND: WHITE				
								*BRACING REQ'D
							BARCODE SIGN INVENTORY:	1
							INSTALLATION TYPE:	TYPE D
							NUMBER OF SIGN POSTS:	2
							TOTAL STEEL POST-TYPE 1 (LF):	24

SPECIAL NOTES:

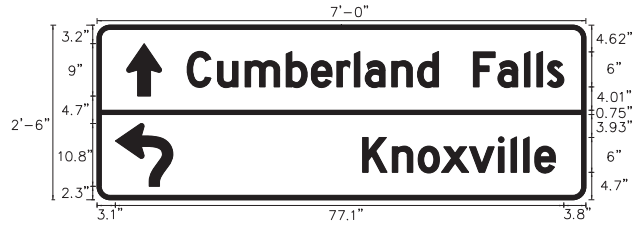
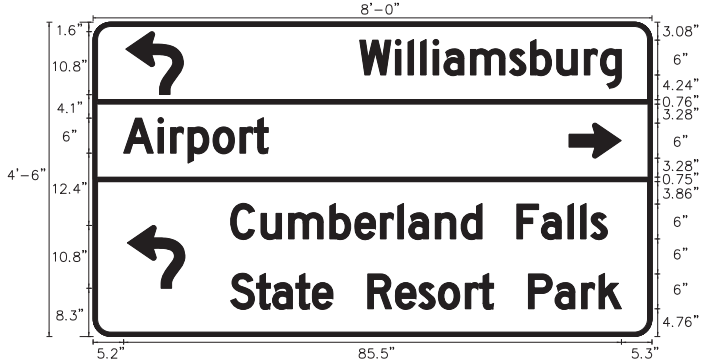
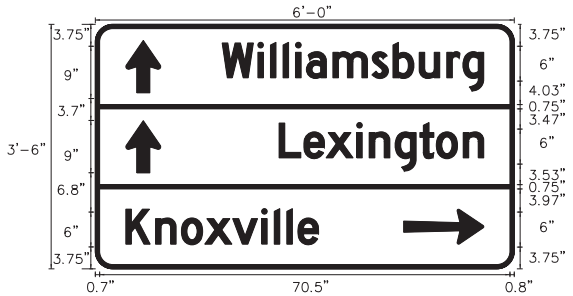
1. THE COLORS SHALL BE AS SHOWN IN THE "MANUAL ON UNIFORM TRAFFFIC CONTROL DEVICES" AND "STANDARD HIGHWAY SIGNS".
2. SHEETING SIGNS SHALL BE FABRICATED FROM 0.125 GAUGE MATERIAL IF ANY DIMENSION IS GREATER THAN 36" (THIRTY-SIX INCHES), OTHERWISE 0.080 GAUGE MATERIAL SHALL BE USED.

US 25W AND I-75 EXIT 15
ROUNDABOUTS
SHEETING SIGN DETAIL SHEET 3

FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\T013 SHEETING SIGN DETAIL
USER: bhicks
DATE PLOTTED: January 6, 2022
E-SHEET NAME:
Power InRoads v8.11.9.397

SHEETING SIGNS DETAIL SHEET

COUNTY OF	ITEM NO.	SHEET NO.
WHITLEY	11-9015.20	T014

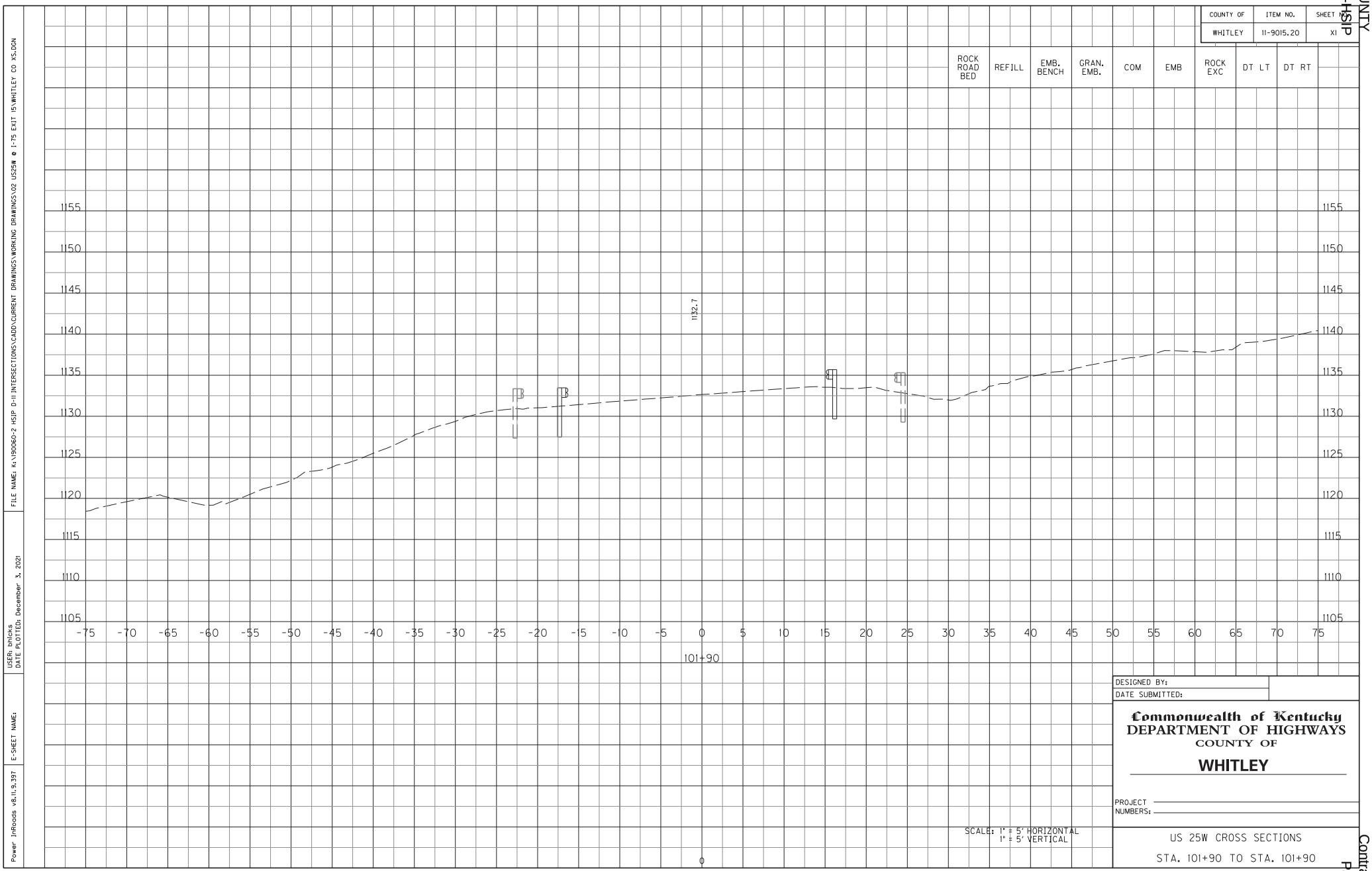
SIGN/SIGN ASSEMBLY NUMBER	SIZES IN INCHES HORIZ.	SIZES IN INCHES VERT.	MESSAGES ①	SPECIFICATION	SIGN LOCATION: SIDE OF ROAD	SIGN LOCATION: FACING TRAFFIC TRAVELING	SIGN LOCATION: ON ROAD	SIGN LOCATION: AT STATION (APPROXIMATE)
S-28	84	30	 BORDER R=2.25" TH=0.75"	CUSTOM	RT	NB	US 25W	302+90
				SIGN COLOR: GREEN				
				LEGEND: WHITE				
								*BRACING REQ'D
						BARCODE SIGN INVENTORY:		1
						INSTALLATION TYPE:		TYPE D
						NUMBER OF SIGN POSTS:		2
						TOTAL STEEL POST-TYPE I (LF):		24
S-29	96	54	 BORDER R=3" TH=0.75"	CUSTOM	RT	SB	SB OFF RAMP	399+12
				SIGN COLOR: GREEN (TOP)/BROWN (BOTTOM)				
				LEGEND: WHITE				
								*BRACING REQ'D
						BARCODE SIGN INVENTORY:		1
						INSTALLATION TYPE:		TYPE D
						NUMBER OF SIGN POSTS:		2
						TOTAL STEEL POST-TYPE I (LF):		28
S-30	72	42	 BORDER R=3" TH=0.75"	CUSTOM	RT	SB	US 25W	309+00
				SIGN COLOR: GREEN				
				LEGEND: WHITE				
								*BRACING REQ'D
						BARCODE SIGN INVENTORY:		1
						INSTALLATION TYPE:		TYPE D
						NUMBER OF SIGN POSTS:		2
						TOTAL STEEL POST-TYPE I (LF):		26

SPECIAL NOTES:

1. THE COLORS SHALL BE AS SHOWN IN THE "MANUAL ON UNIFORM TRAFFFIC CONTROL DEVICES" AND "STANDARD HIGHWAY SIGNS".
2. SHEETING SIGNS SHALL BE FABRICATED FROM 0.125 GAUGE MATERIAL IF ANY DIMENSION IS GREATER THAN 36" (THIRTY-SIX INCHES), OTHERWISE 0.080 GAUGE MATERIAL SHALL BE USED.

US 25W AND I-75 EXIT 15
ROUNDABOUTS
SHEETING SIGN DETAIL SHEET 4

FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\T011 SHEETING SIGN DETAIL
USER: bhicks
DATE PLOTTED: January 6, 2022
E-SHEET NAME:
Power InRoads v8.11.9.397



COUNTY OF	ITEM NO.	SHEET NO.
WHITLEY	11-9015.20	X1

FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN
USER: bricks
DATE PLOTTED: December 3, 2021
E-SHEET NAME:
Power InRoads v8.11.9.397

DESIGNED BY:
DATE SUBMITTED:

Commonwealth of Kentucky
DEPARTMENT OF HIGHWAYS
COUNTY OF

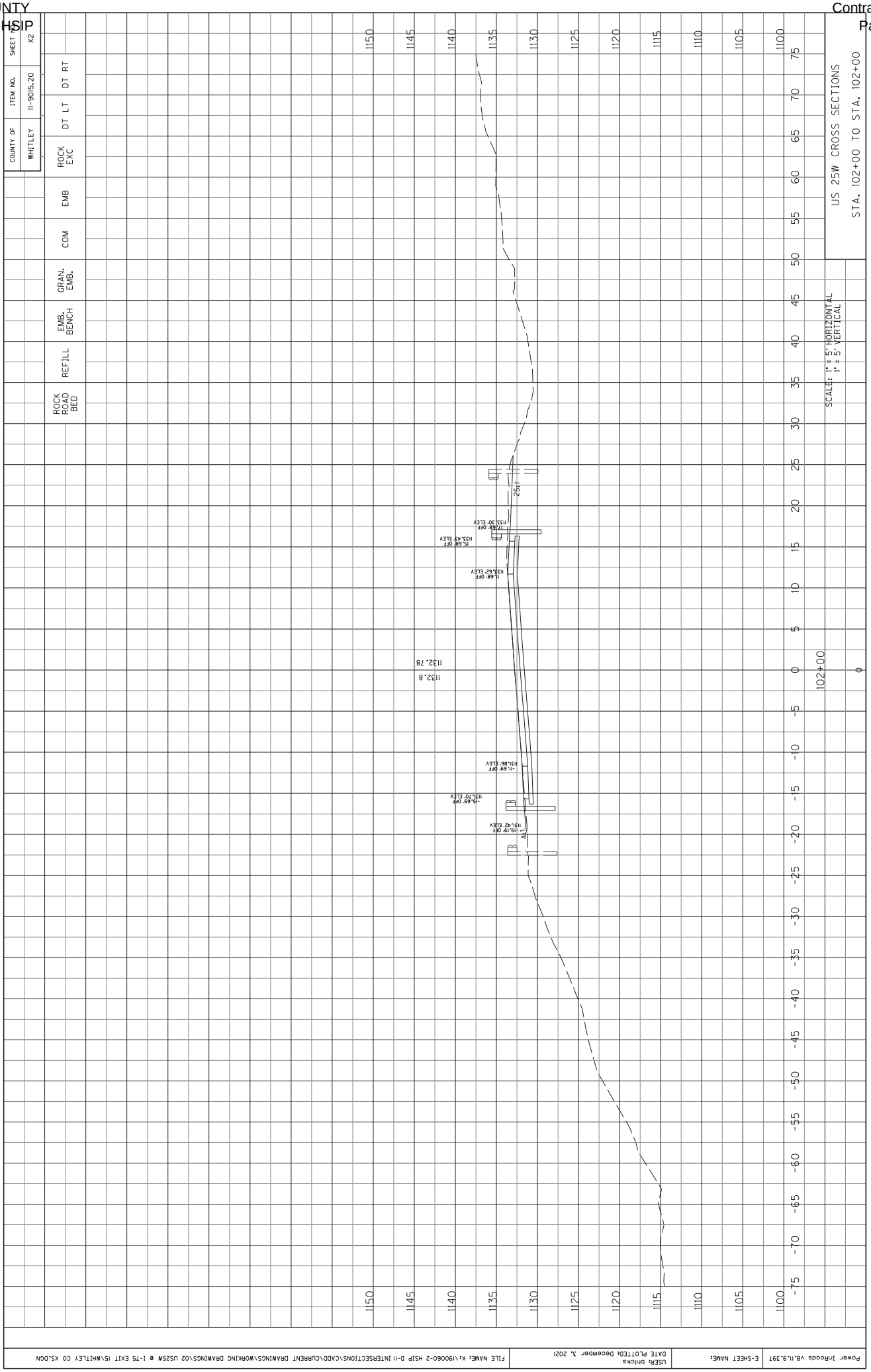
WHITLEY

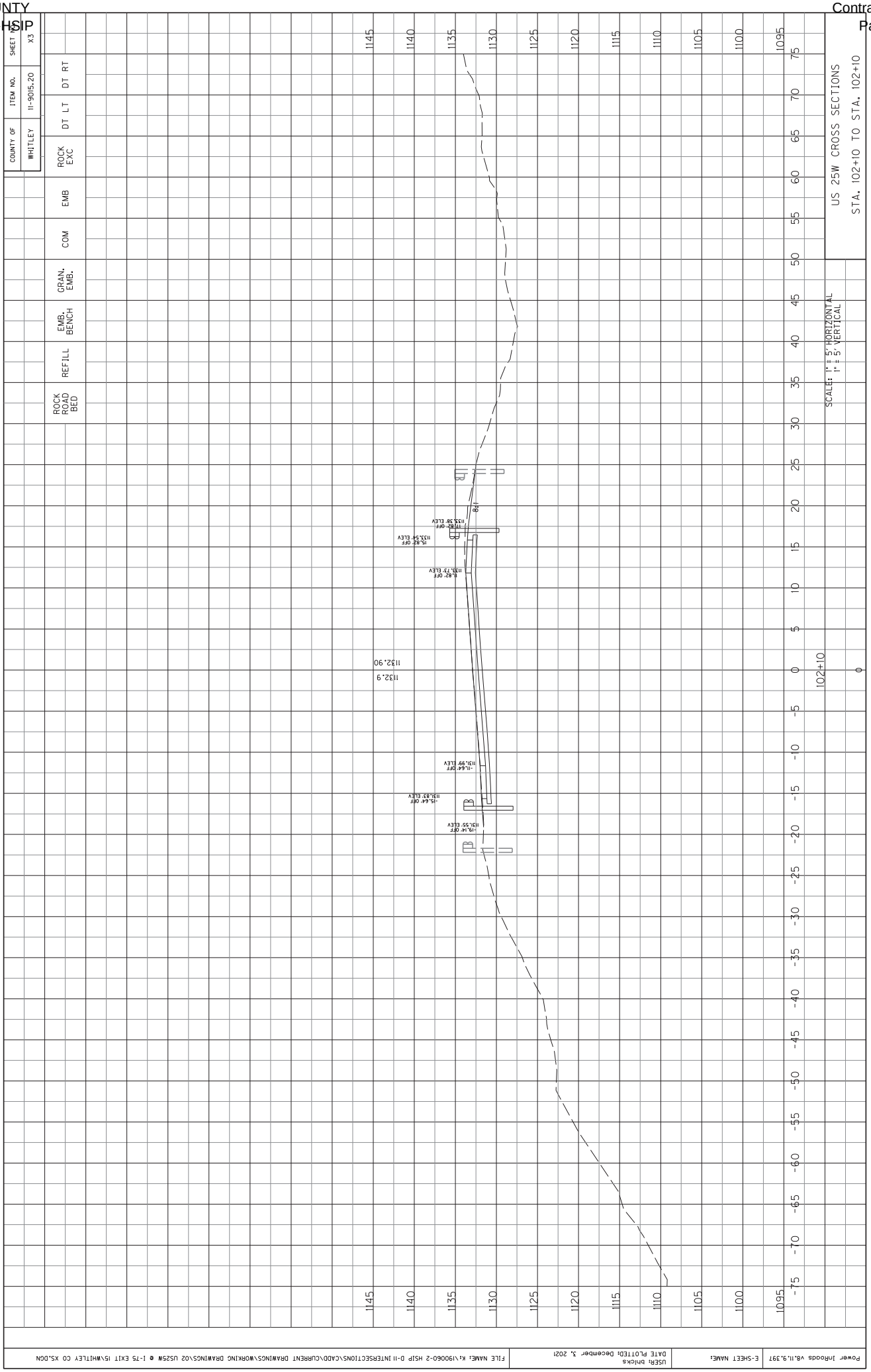
PROJECT NUMBERS:

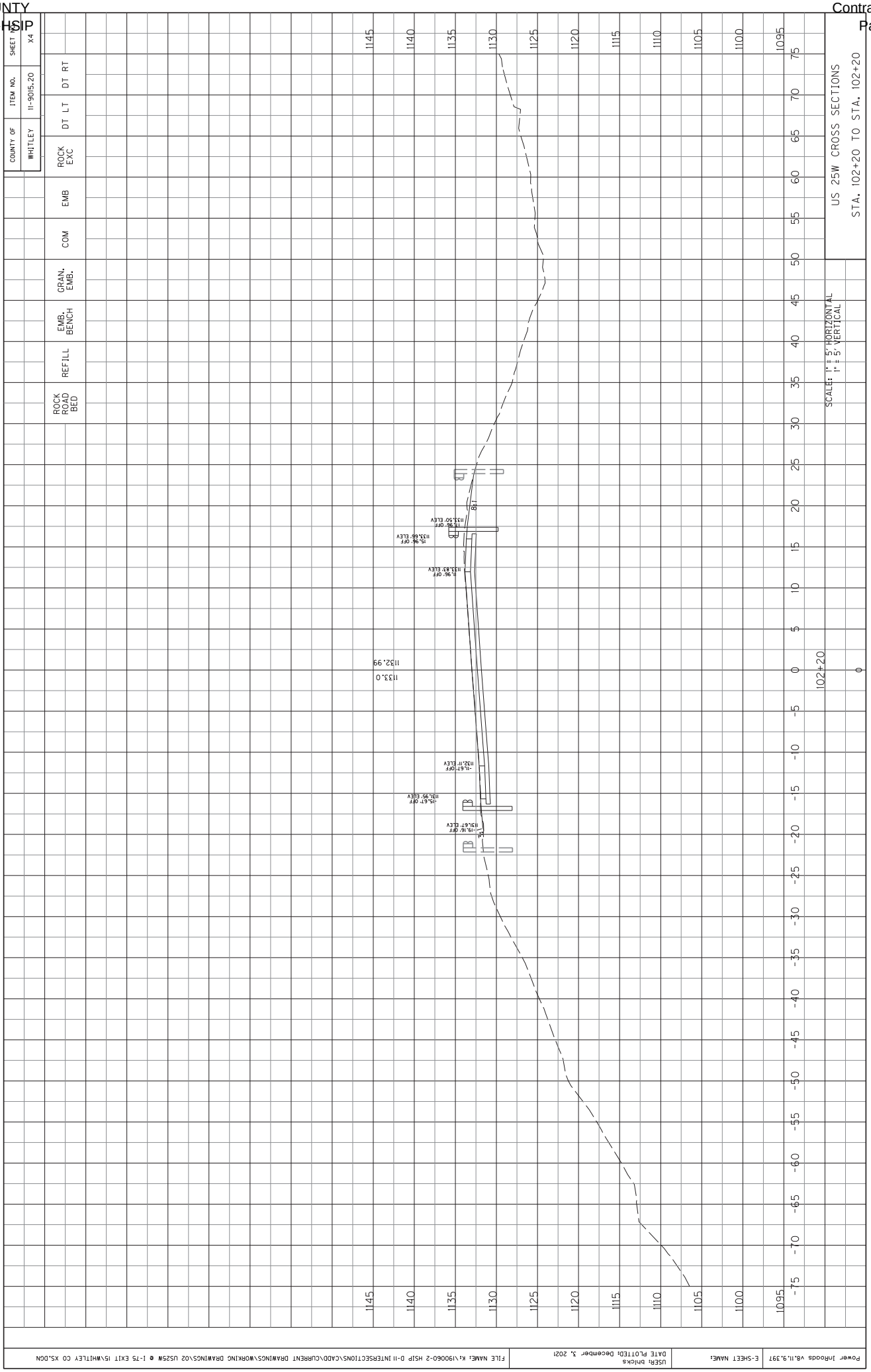
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL

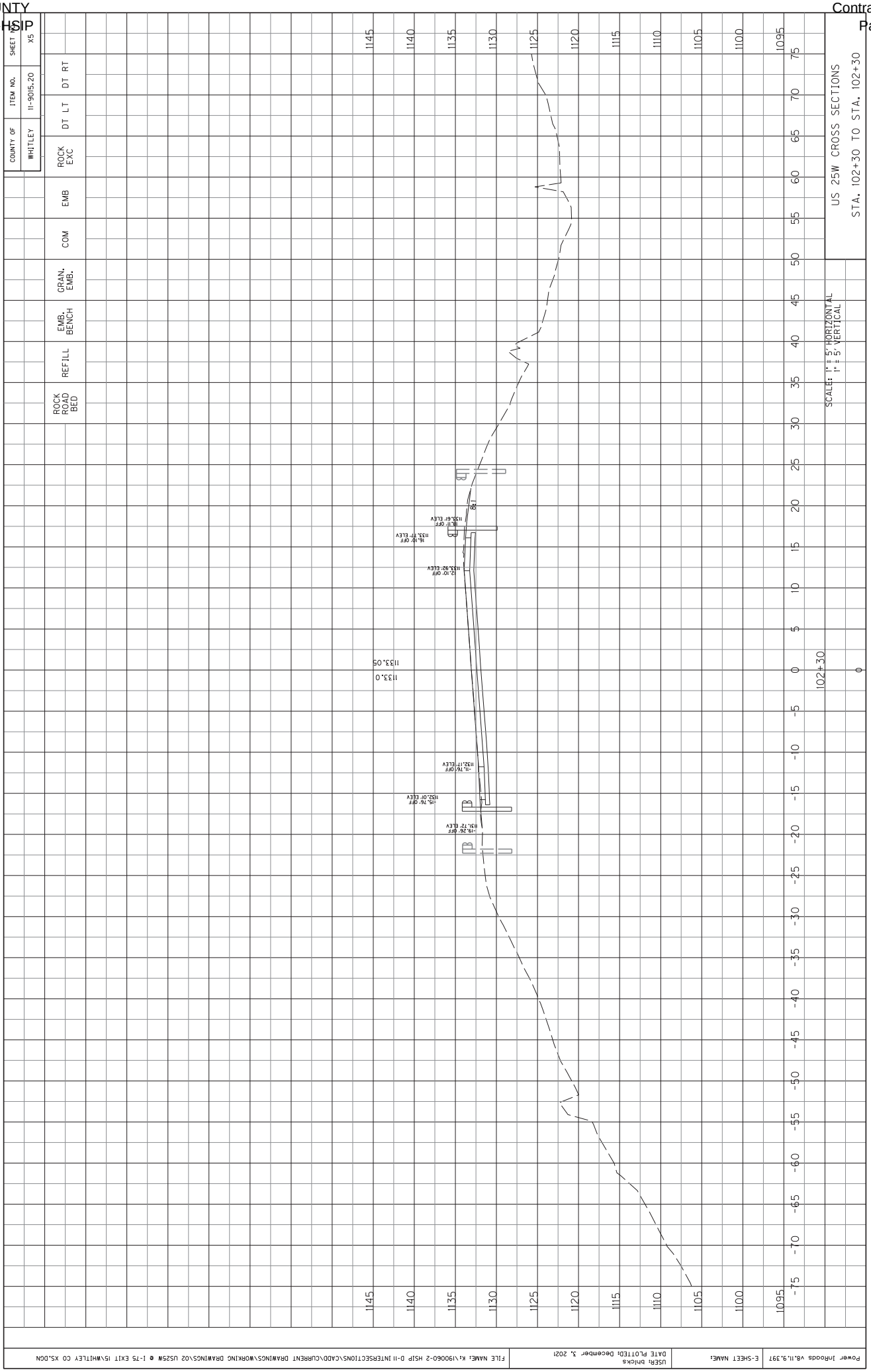
US 25W CROSS SECTIONS

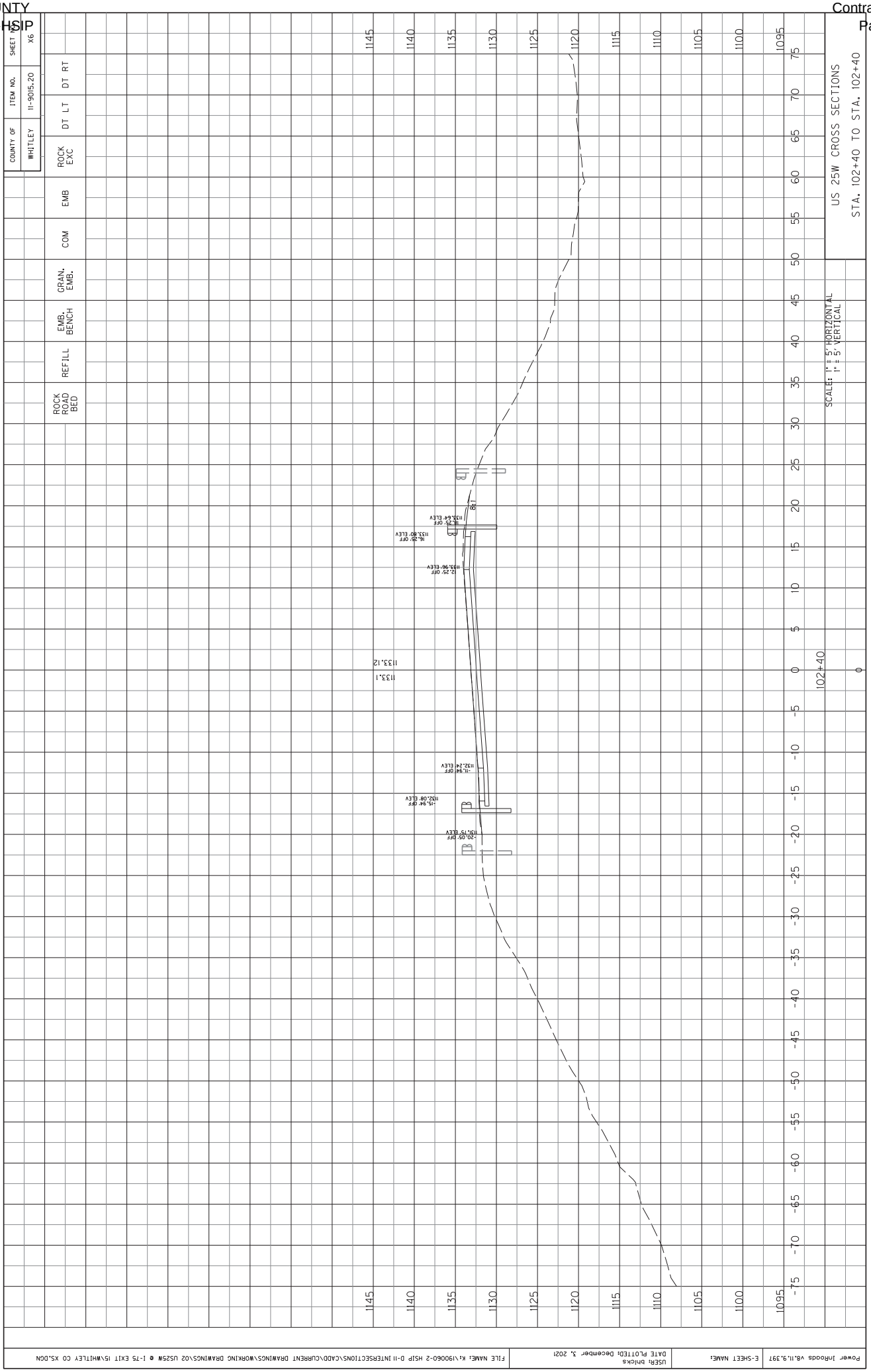
STA. 101+90 TO STA. 101+90

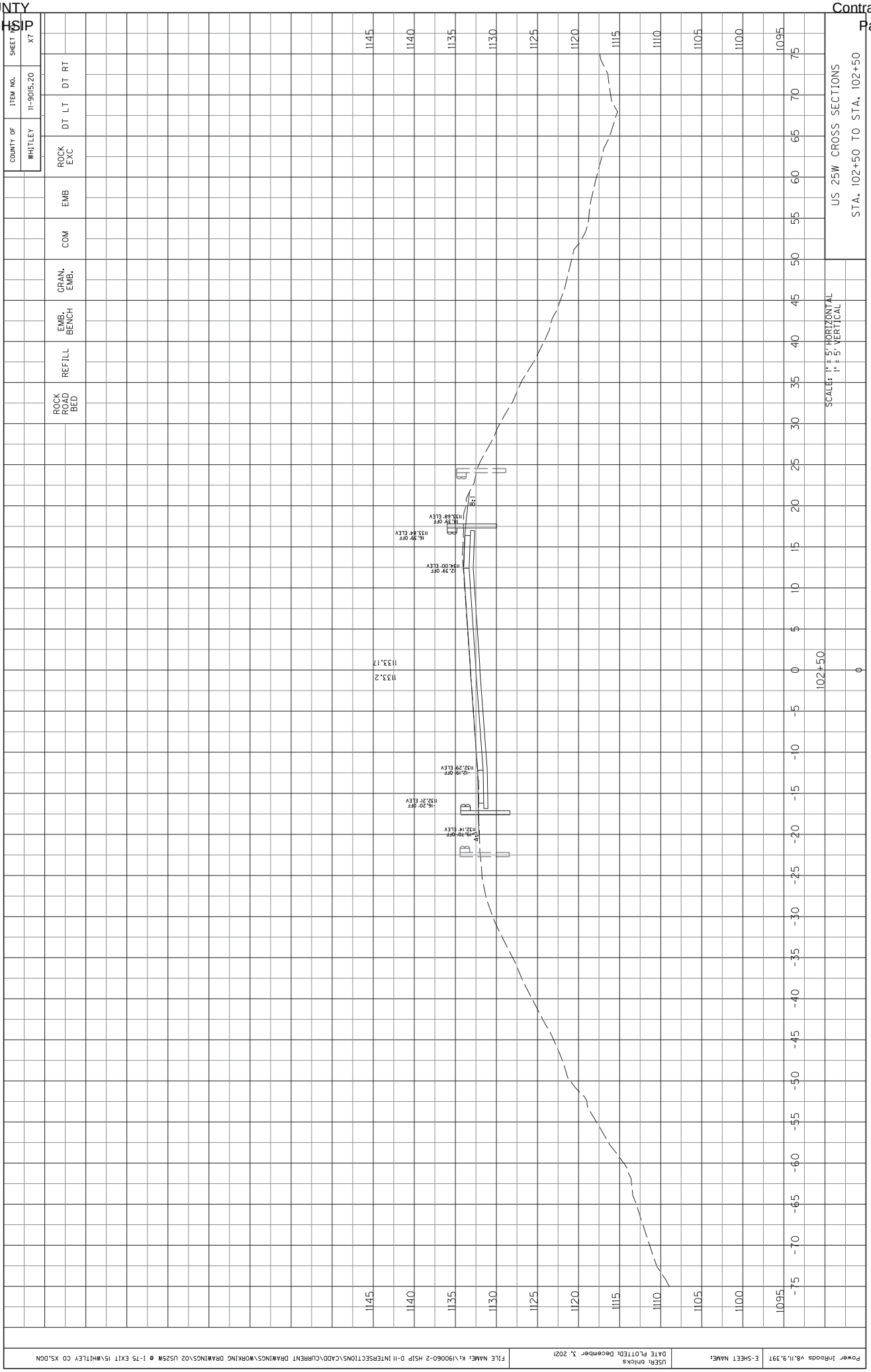

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X2
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 102+00 TO STA. 102+00
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1132.78
1132.8
102+00
1150
1145
1140
1135
1130
1125
1120
1115
1110
1105
1100
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

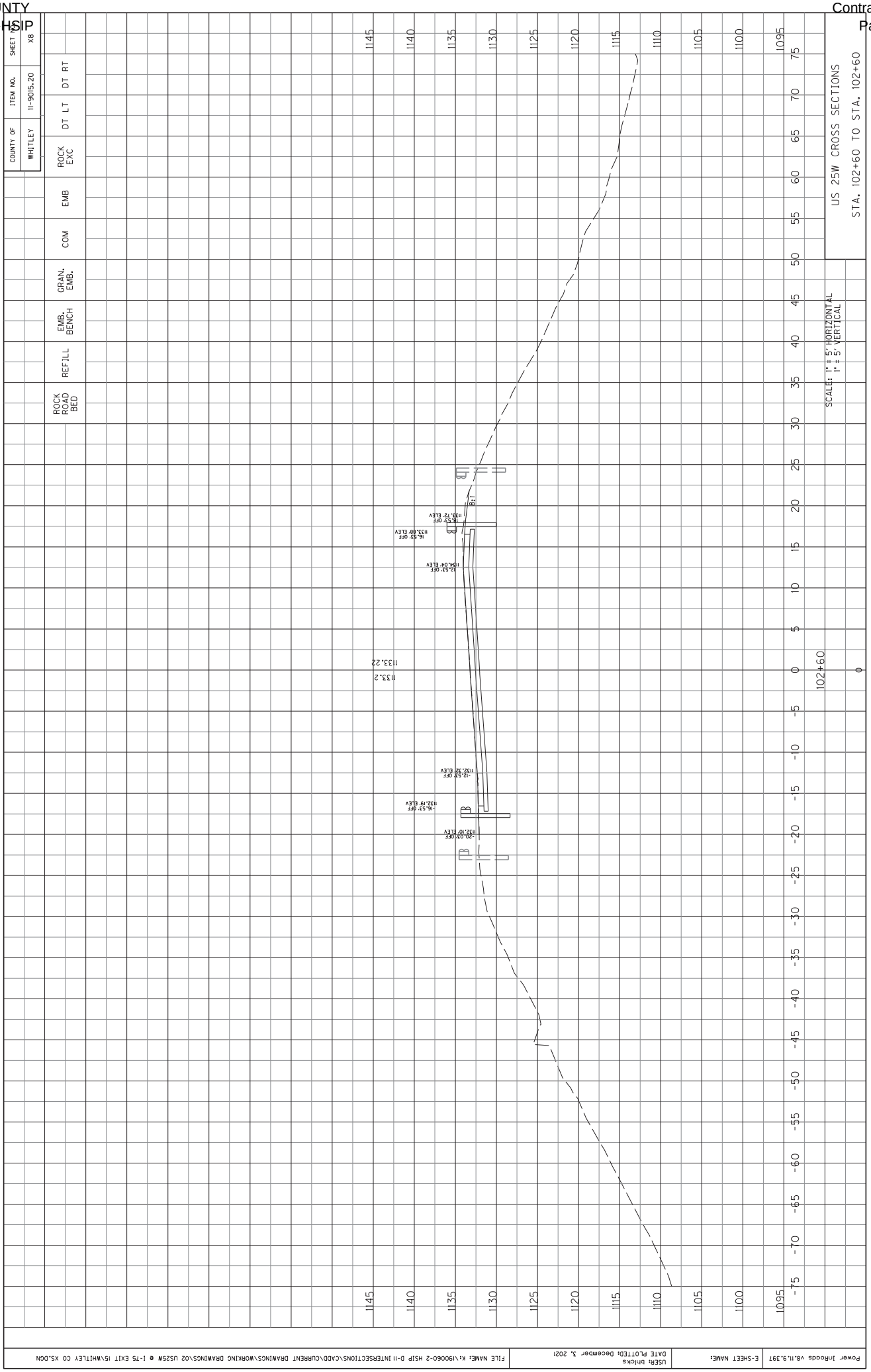

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X3
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 102+10 TO STA. 102+10
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1145
1140
1135
1130
1125
1120
1115
1110
1105
1100
1095
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
102+10
0
1132.90
1132.9
EB
SB
-19.14' OFF
1113.55' ELEV
-15.64' OFF
1131.87' ELEV
-11.64' OFF
1131.99' ELEV
11.82' OFF
1133.73' ELEV
15.82' OFF
1133.57' ELEV
19.82' OFF
1133.38' ELEV
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

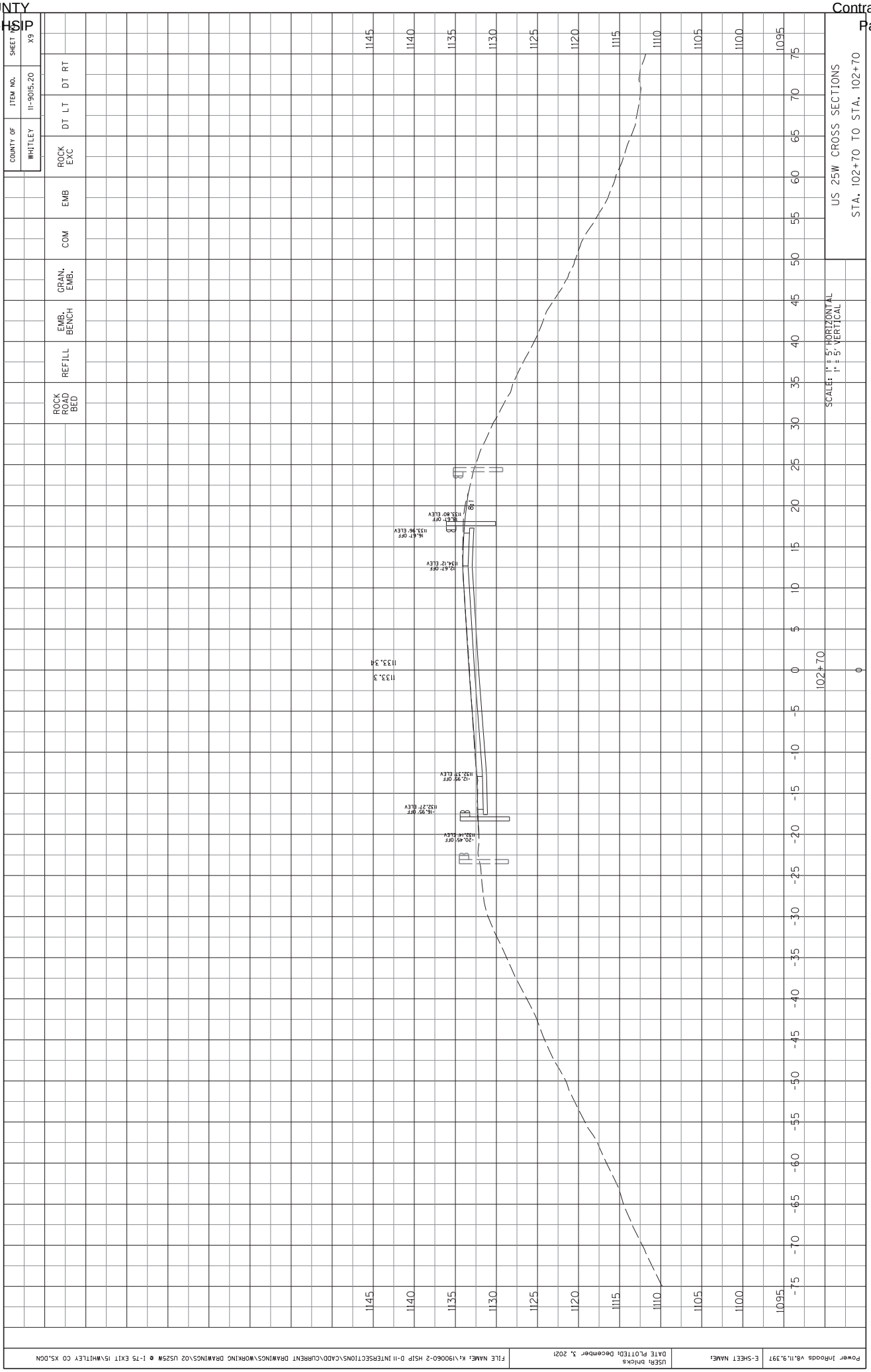

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X4
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 102+20 TO STA. 102+20
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1145
1140
1135
1130
1125
1120
1115
1110
1105
1100
1095
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
102+20
0
1133.0
1132.99
BL1
BL2
BL3
1132.50' ELEV
15.96' OFF
1132.66' ELEV
15.96' OFF
1132.83' ELEV
1.96' OFF
1132.11' ELEV
-11.67' OFF
1131.99' ELEV
-15.67' OFF
1131.67' ELEV
-19.18' OFF
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

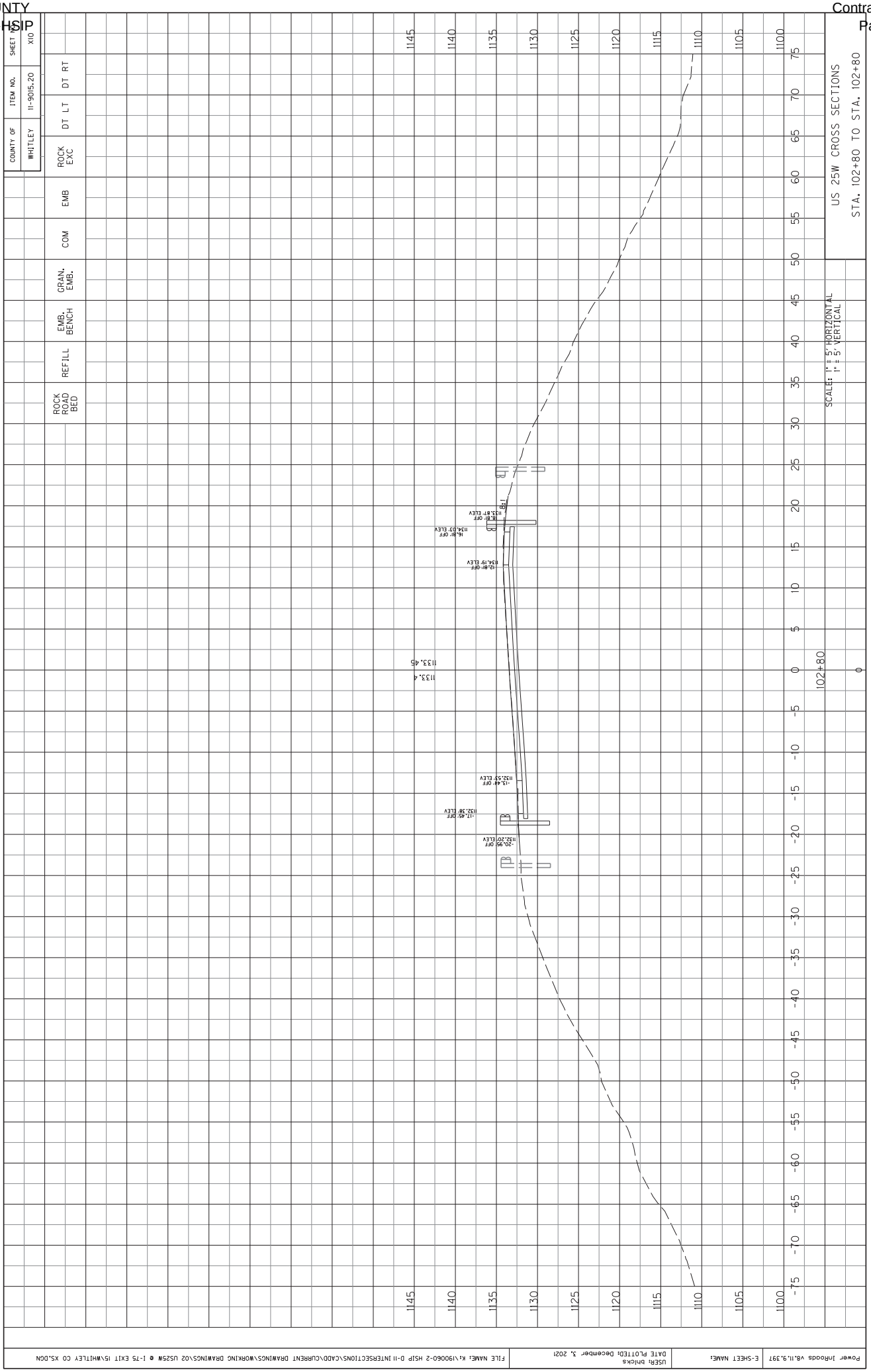

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X5
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 102+30 TO STA. 102+30
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1145
1140
1135
1130
1125
1120
1115
1110
1105
1100
1095
1133.0
1133.05
102+30
0
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

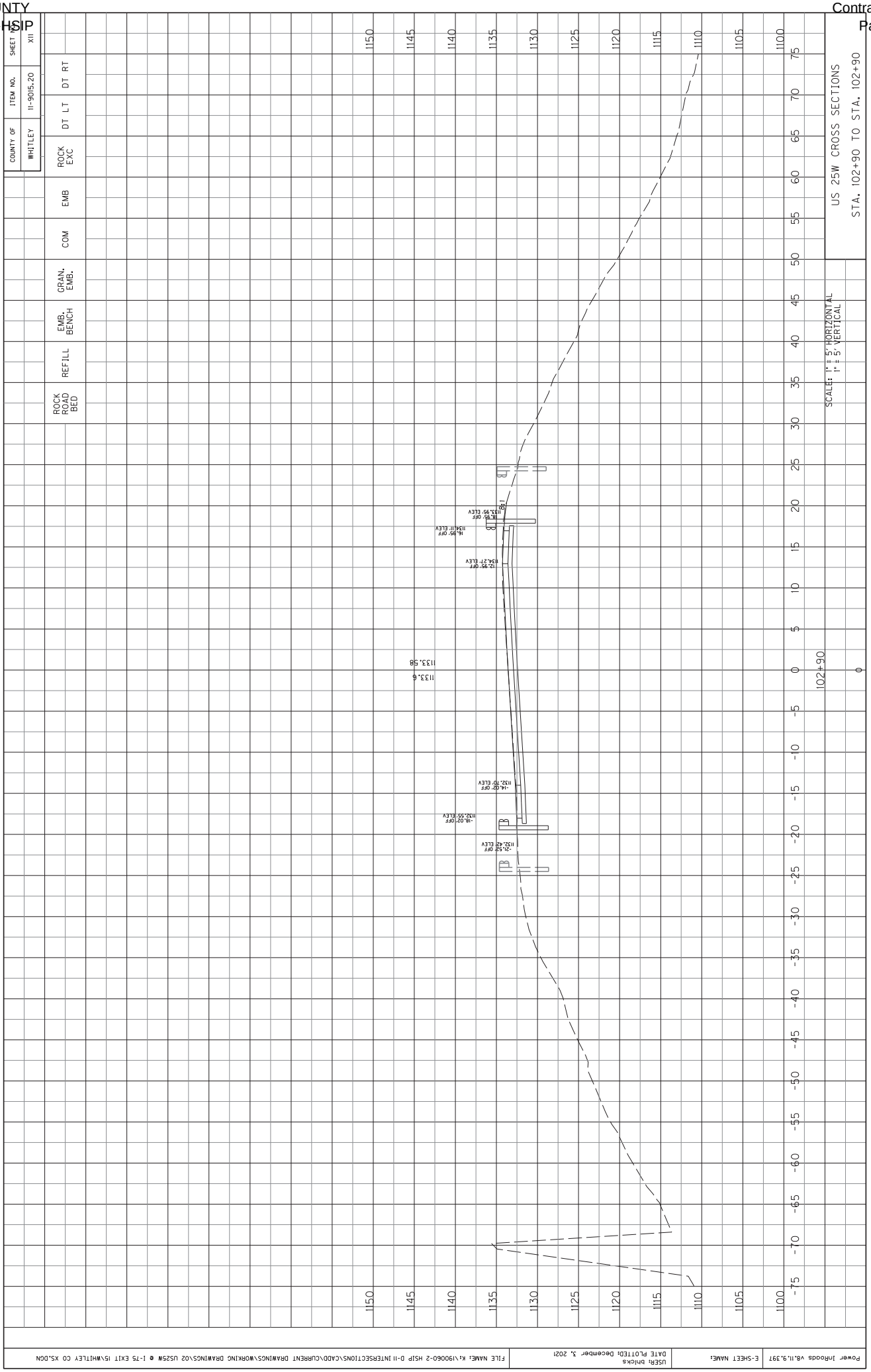

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X6
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 102+40 TO STA. 102+40
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1145
1140
1135
1130
1125
1120
1115
1110
1105
1100
1095
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
102+40
0
1133.12
1133.1
BL 11
BL 8
16.25' OFF
1135.64' ELEV
16.25' OFF
1133.80' ELEV
12.25' OFF
1133.96' ELEV
-19.94' OFF
1132.24' ELEV
-16.94' OFF
1132.08' ELEV
-20.09' OFF
1131.75' ELEV
BL 11
BL 8
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

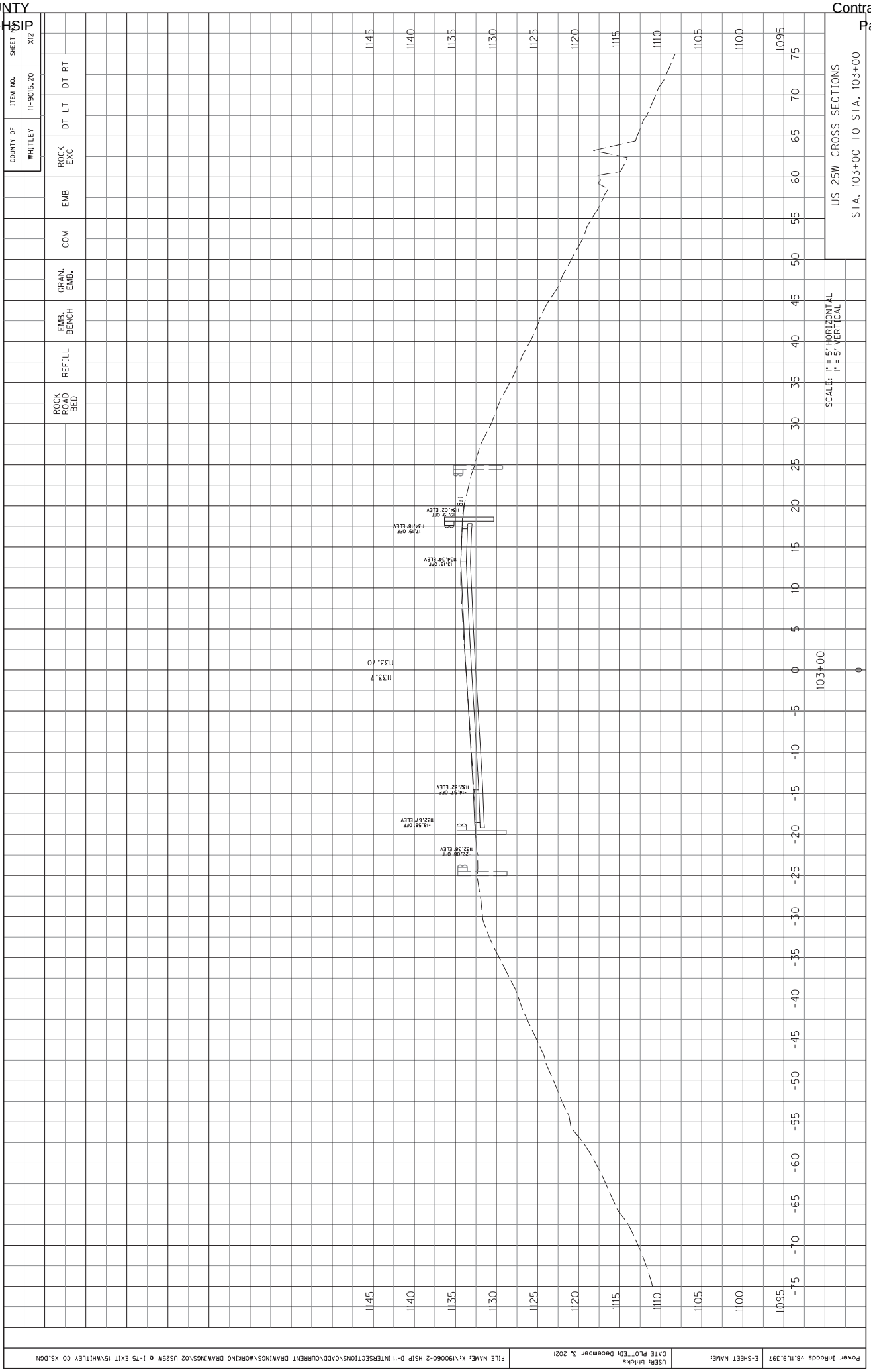

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X7
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 102+50 TO STA. 102+50
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1145
1140
1135
1130
1125
1120
1115
1110
1105
1100
1095
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
102+50
1133.17
1133.2
1:1
16.39' OFF
1135.68' ELEV
16.39' OFF
1133.84' ELEV
2.39' OFF
1134.00' ELEV
-12.19' OFF
1132.29' ELEV
-16.20' OFF
1132.21' ELEV
-19.70' OFF
1132.14' ELEV
44'
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

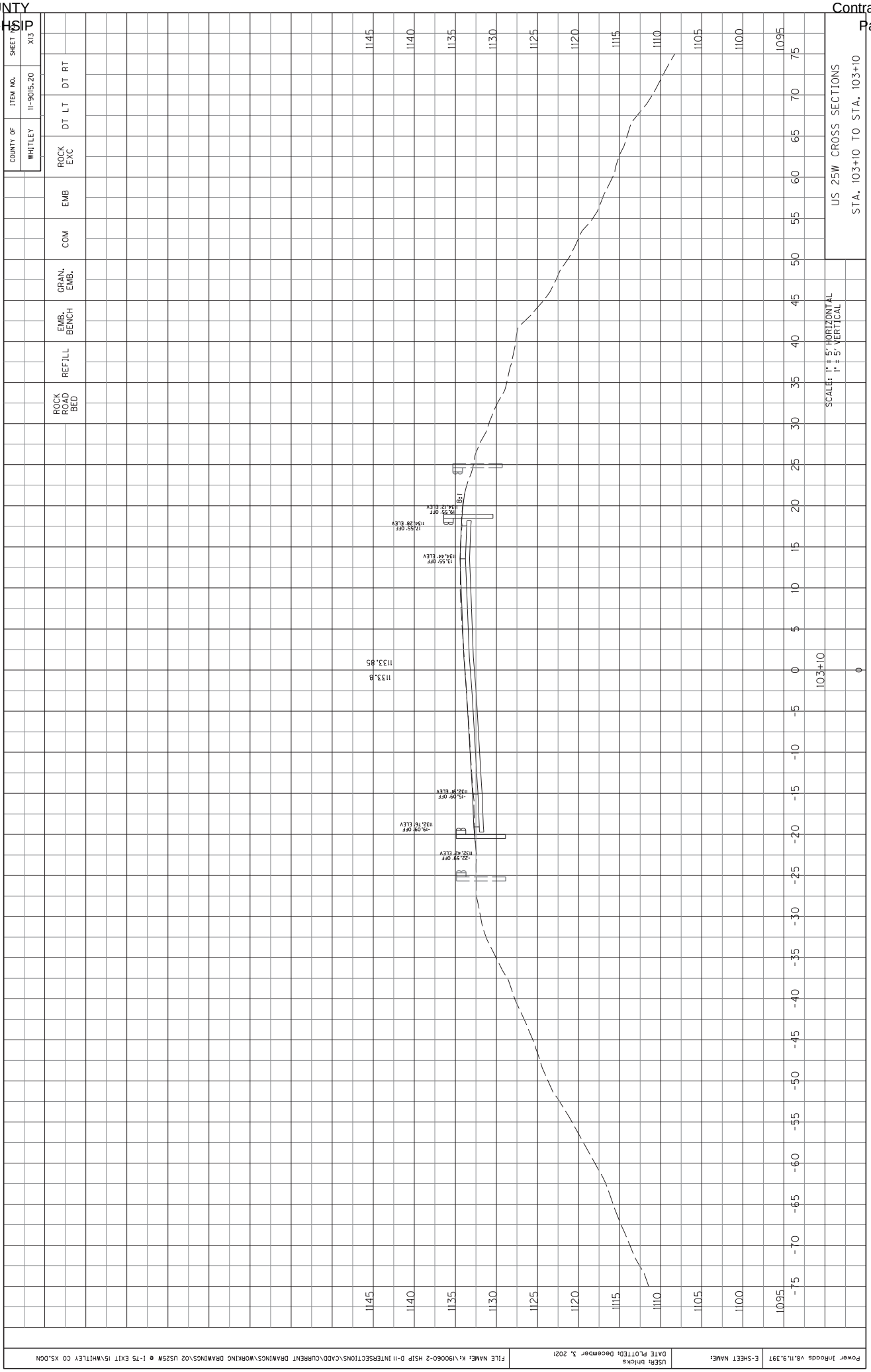

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X8
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 102+60 TO STA. 102+60
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1145
1140
1135
1130
1125
1120
1115
1110
1105
1100
1095
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
102+60
1133.22
1133.2
1:1
-16.57' OFF
1133.89' ELEV
-16.57' OFF
1133.72' ELEV
-12.57' OFF
1135.04' ELEV
-12.57' OFF
1132.32' ELEV
-16.57' OFF
1132.19' ELEV
-20.03' OFF
1132.10' ELEV
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

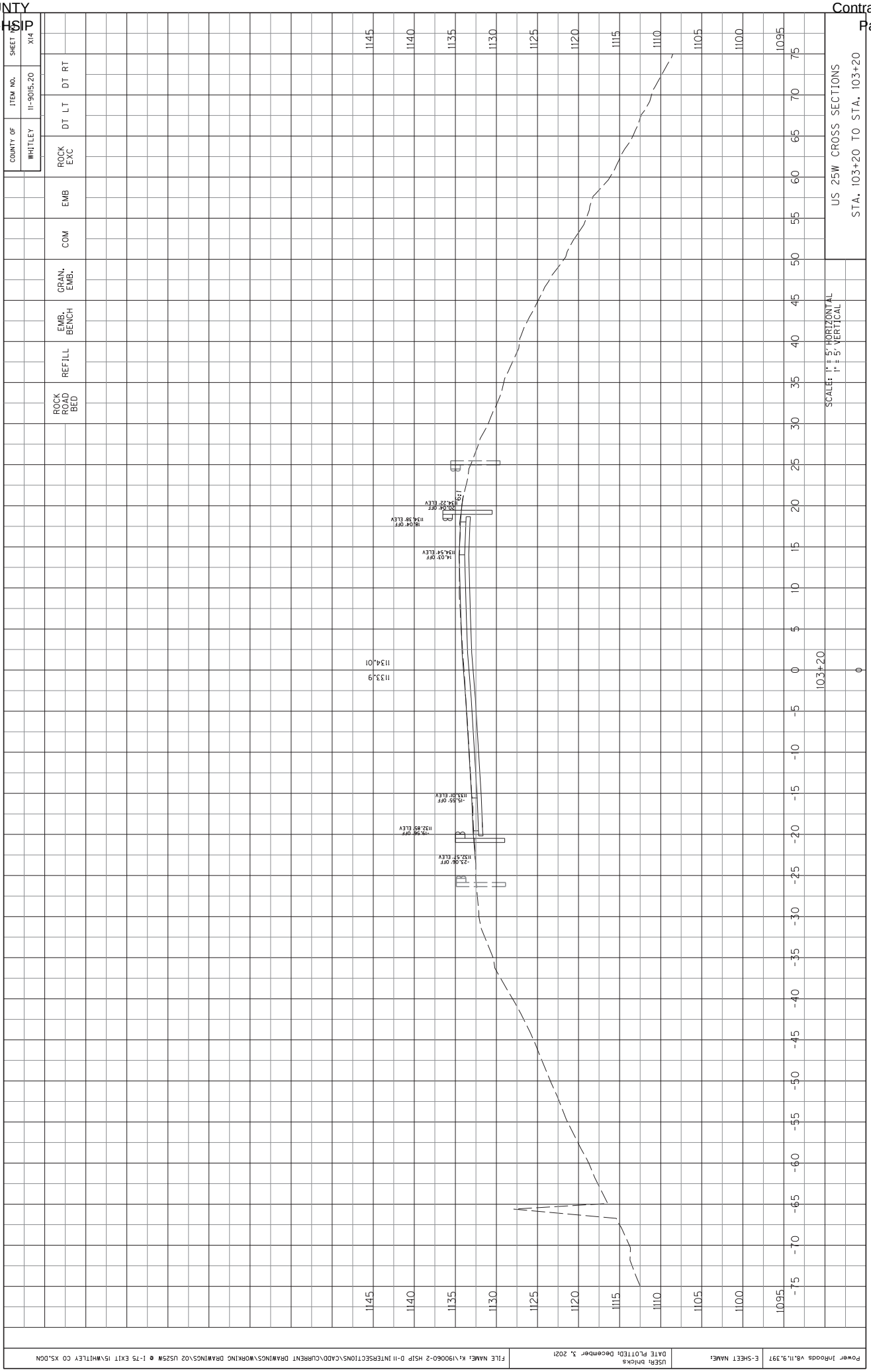

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X9
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 102+70 TO STA. 102+70
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
102+70
1133.34
1133.3
1145
1140
1135
1130
1125
1120
1115
1110
1105
1100
1095
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

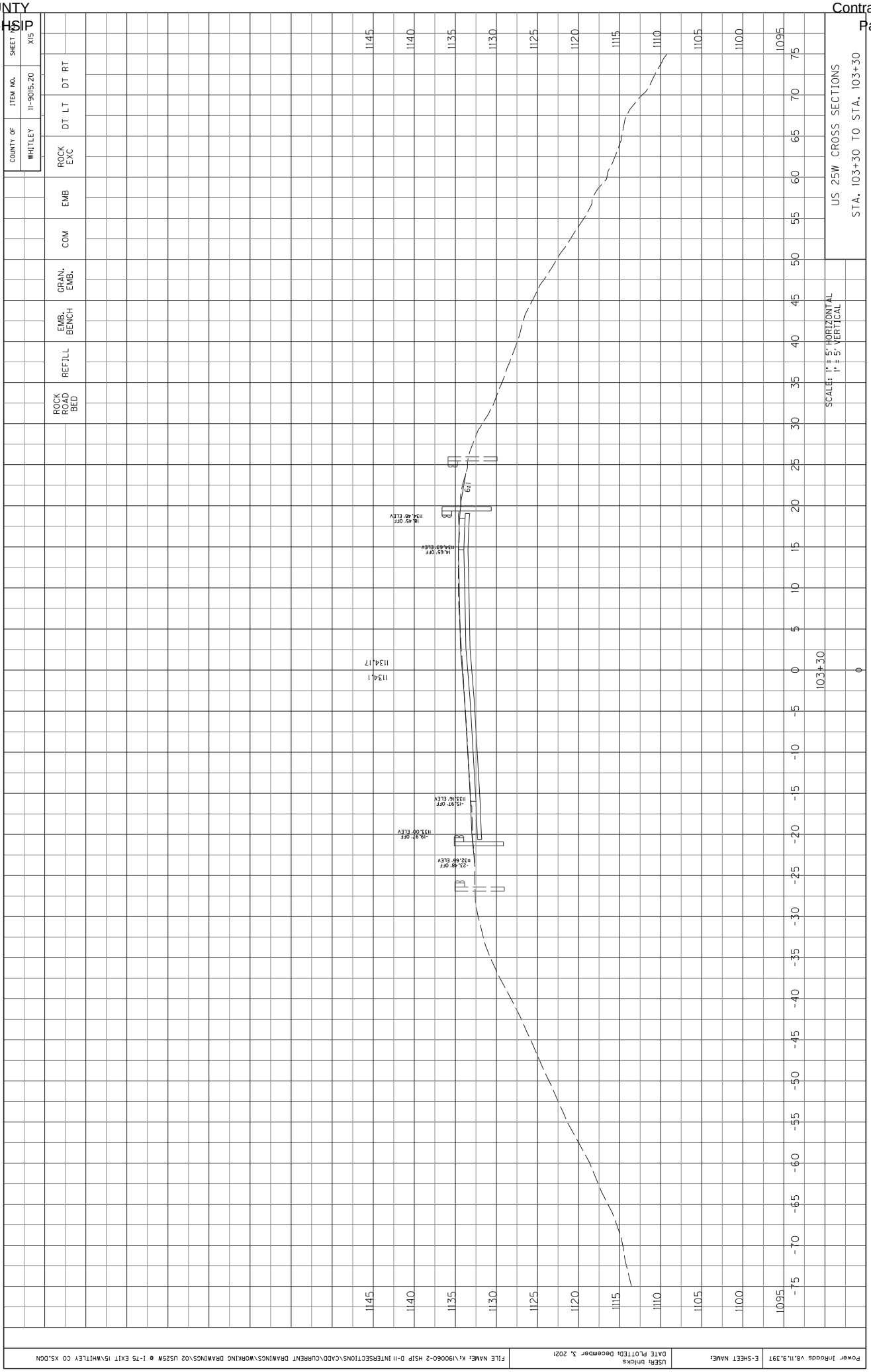

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X10
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 102+80 TO STA. 102+80
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1145
1140
1135
1130
1125
1120
1115
1110
1105
1100
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
102+80
0
1133.45
1133.4
-12.8ft OFF
1134.19' ELEV
16.8ft OFF
1134.03' ELEV
18.8ft OFF
1135.87' ELEV
-13.44' OFF
1132.53' ELEV
-17.65' OFF
1132.38' ELEV
-20.95' OFF
1132.20' ELEV
FILE NAME: K:\1900060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN
USER: bhicks
DATE PLOTTED: December 3, 2021
E-SHEET NAME:
Power InRoads v8.11.9.397

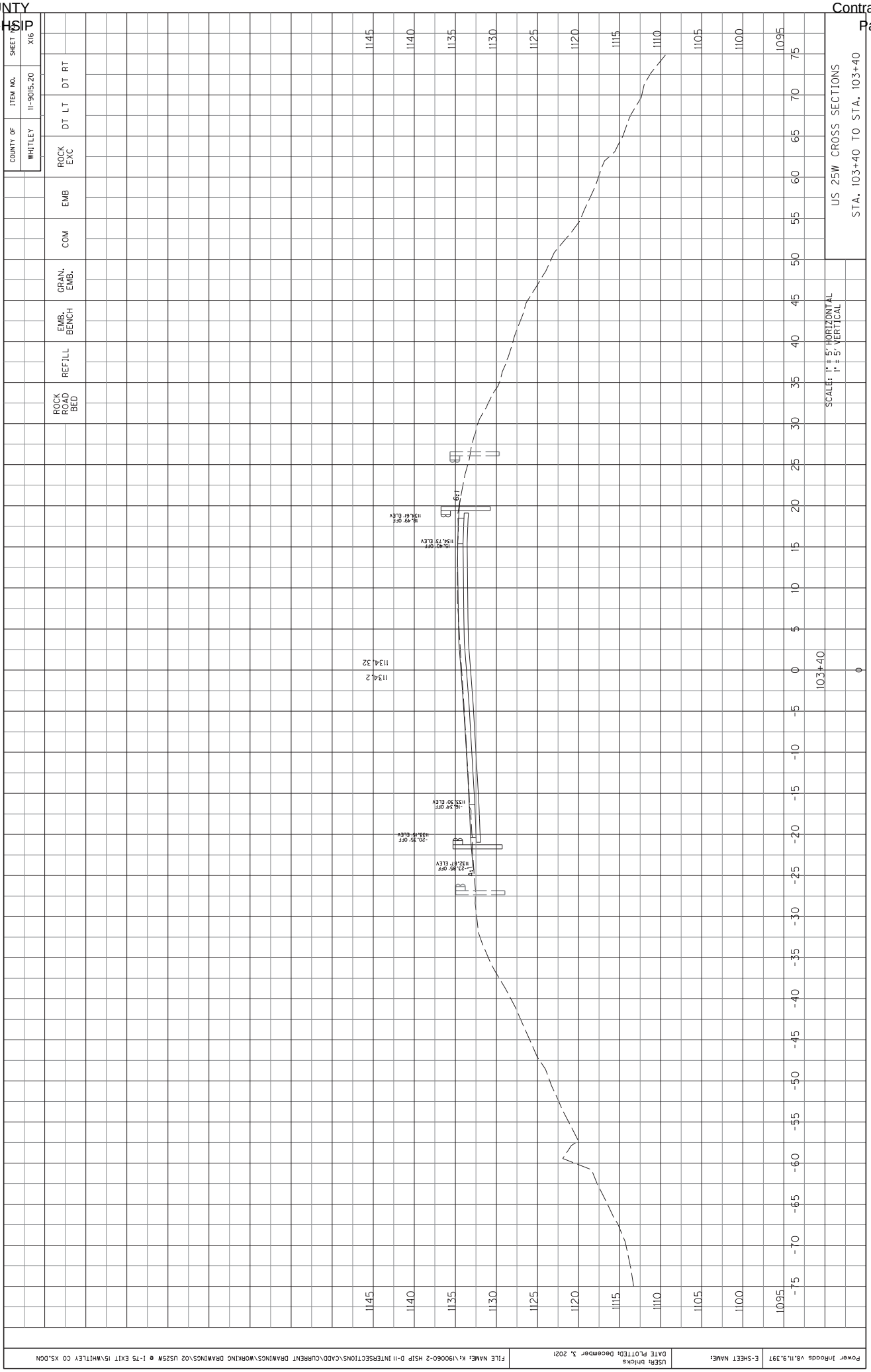

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. XII
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 102+90 TO STA. 102+90
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1150
1145
1140
1135
1130
1125
1120
1115
1110
1105
1100
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
102+90
1133.6
1133.58
16.95' OFF
1134.11' ELEV
12.95' OFF
1134.27' ELEV
-14.02' OFF
1132.70' ELEV
-18.02' OFF
1132.55' ELEV
-21.52' OFF
1132.42' ELEV
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

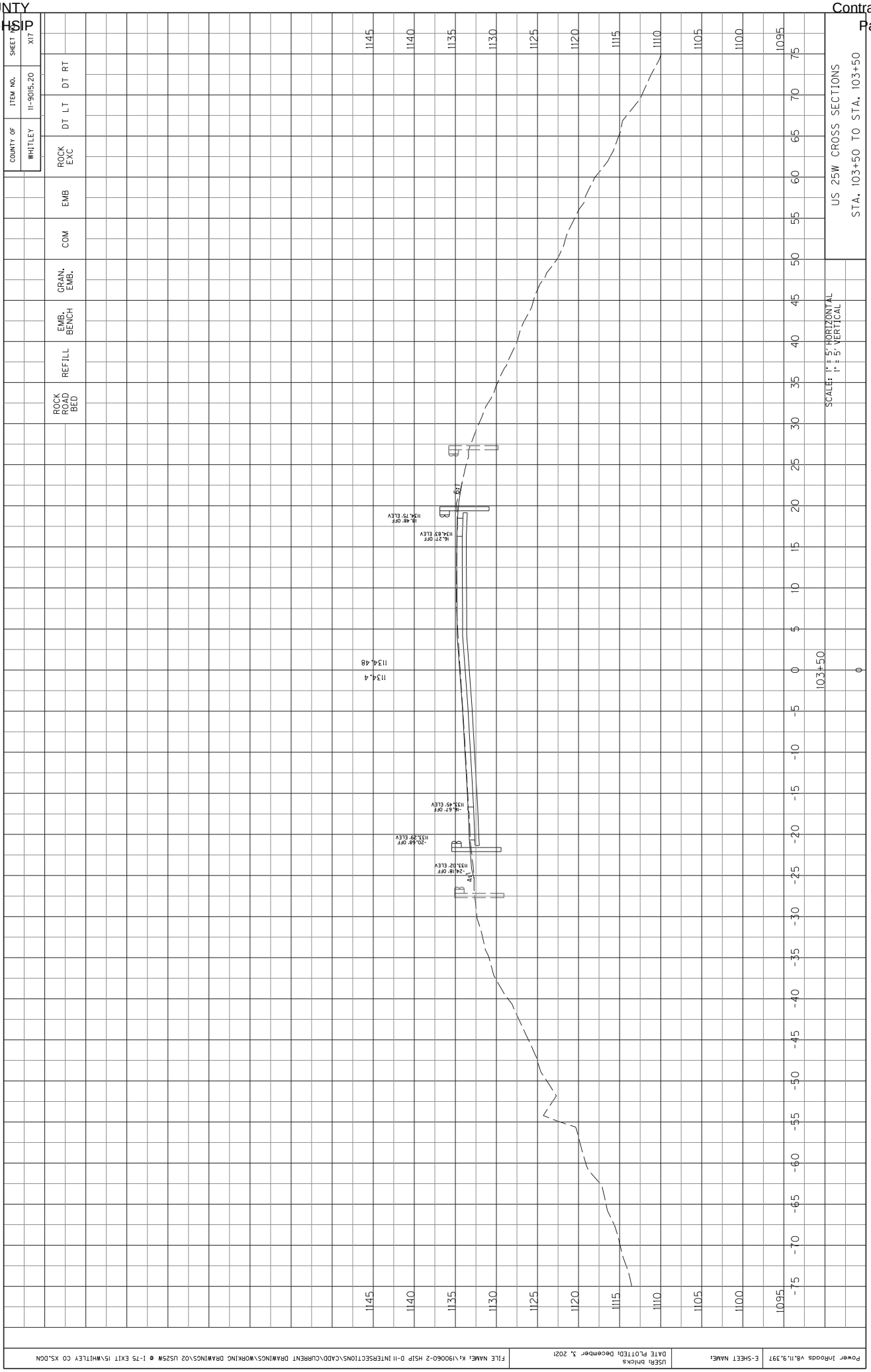

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X12
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 103+00 TO STA. 103+00
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1145
1140
1135
1130
1125
1120
1115
1110
1105
1100
1095
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
103+00
1133.70
1133.7
BL
EB
1.50
19.19' OFF
1134.02' ELEV
17.19' OFF
1134.19' ELEV
13.19' OFF
1134.54' ELEV
-14.57' OFF
1132.82' ELEV
-18.58' OFF
1132.67' ELEV
-22.08' OFF
1132.38' ELEV
Power InRoads V8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

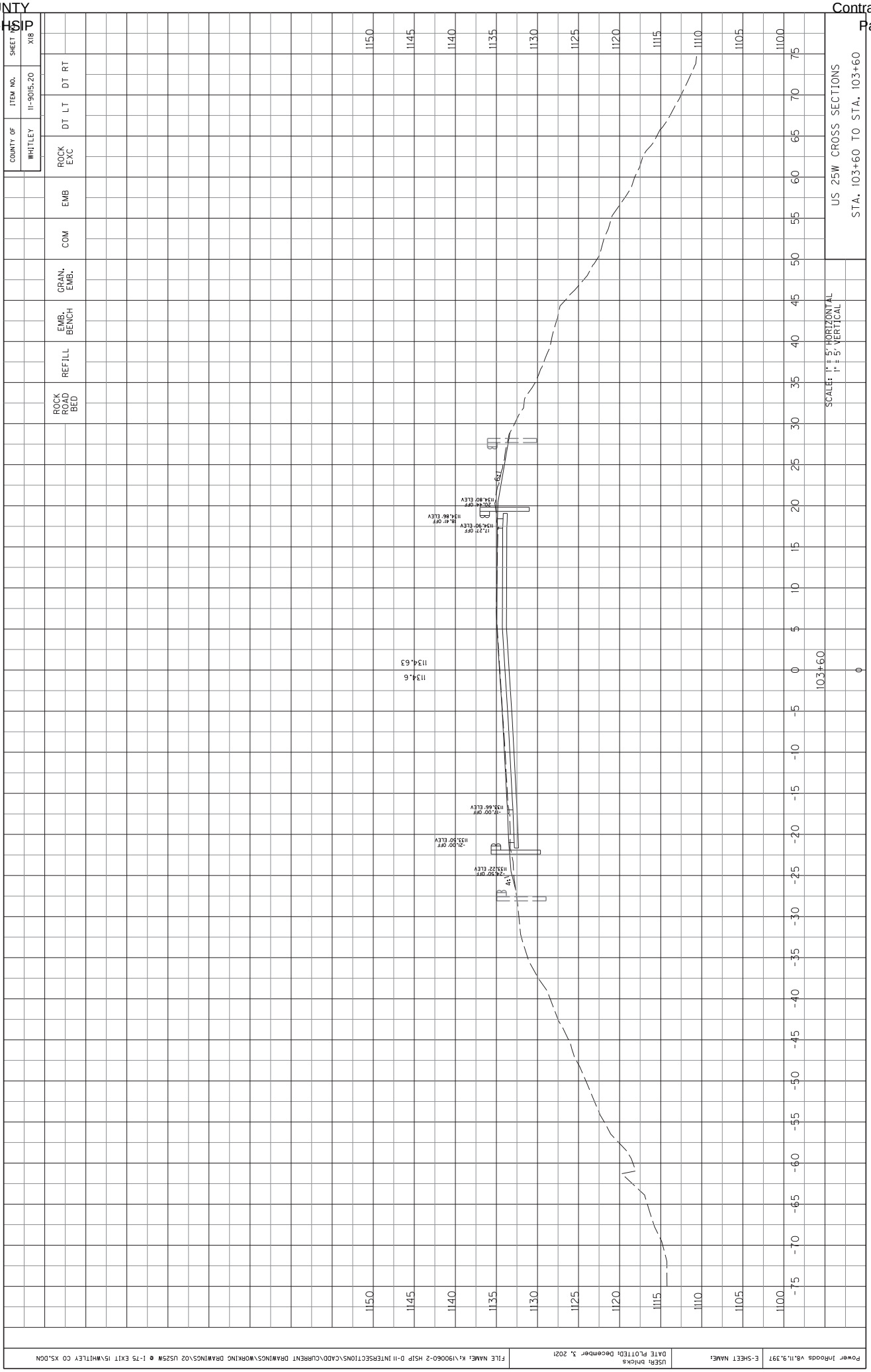

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X13
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 103+10 TO STA. 103+10
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1145
1140
1135
1130
1125
1120
1115
1110
1105
1100
1095
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
103+10
0
1133.85
1133.8
-15.09' OFF
1132.91' ELEV
-19.09' OFF
1132.76' ELEV
-22.59' OFF
1132.42' ELEV
15.55' OFF
1134.44' ELEV
17.55' OFF
1134.20' ELEV
19.55' OFF
1134.12' ELEV
Power InRoads V8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

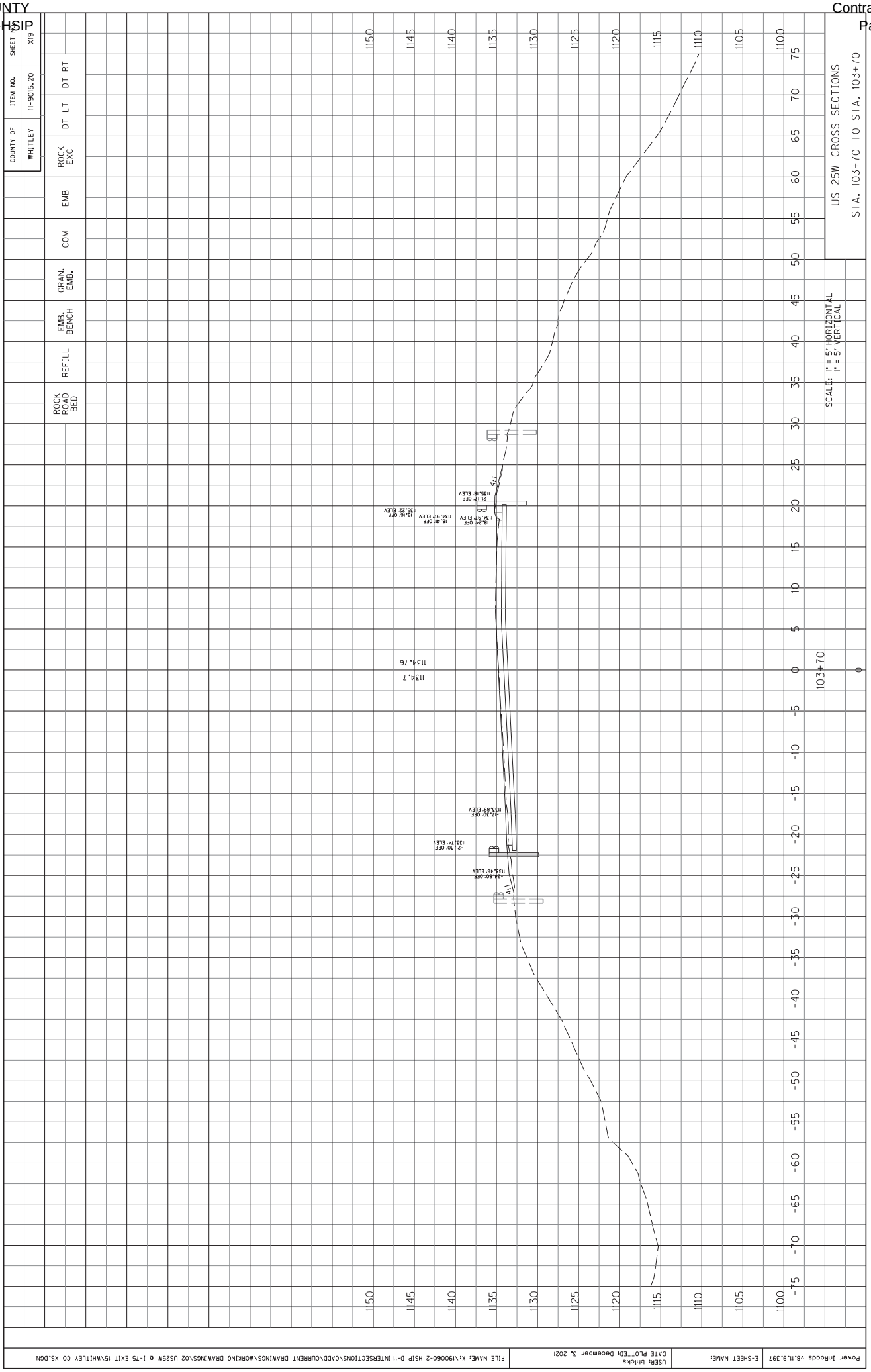

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X14
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 103+20 TO STA. 103+20
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1145
1140
1135
1130
1125
1120
1115
1110
1105
1100
1095
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
103+20
1133.9
1134.01
14.03' OFF
1134.54' ELEV
18.04' OFF
1134.38' ELEV
20.04' OFF
1134.22' ELEV
-15.55' OFF
1133.01' ELEV
-19.56' OFF
1132.85' ELEV
-23.08' OFF
1132.57' ELEV
Power InRoads V8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

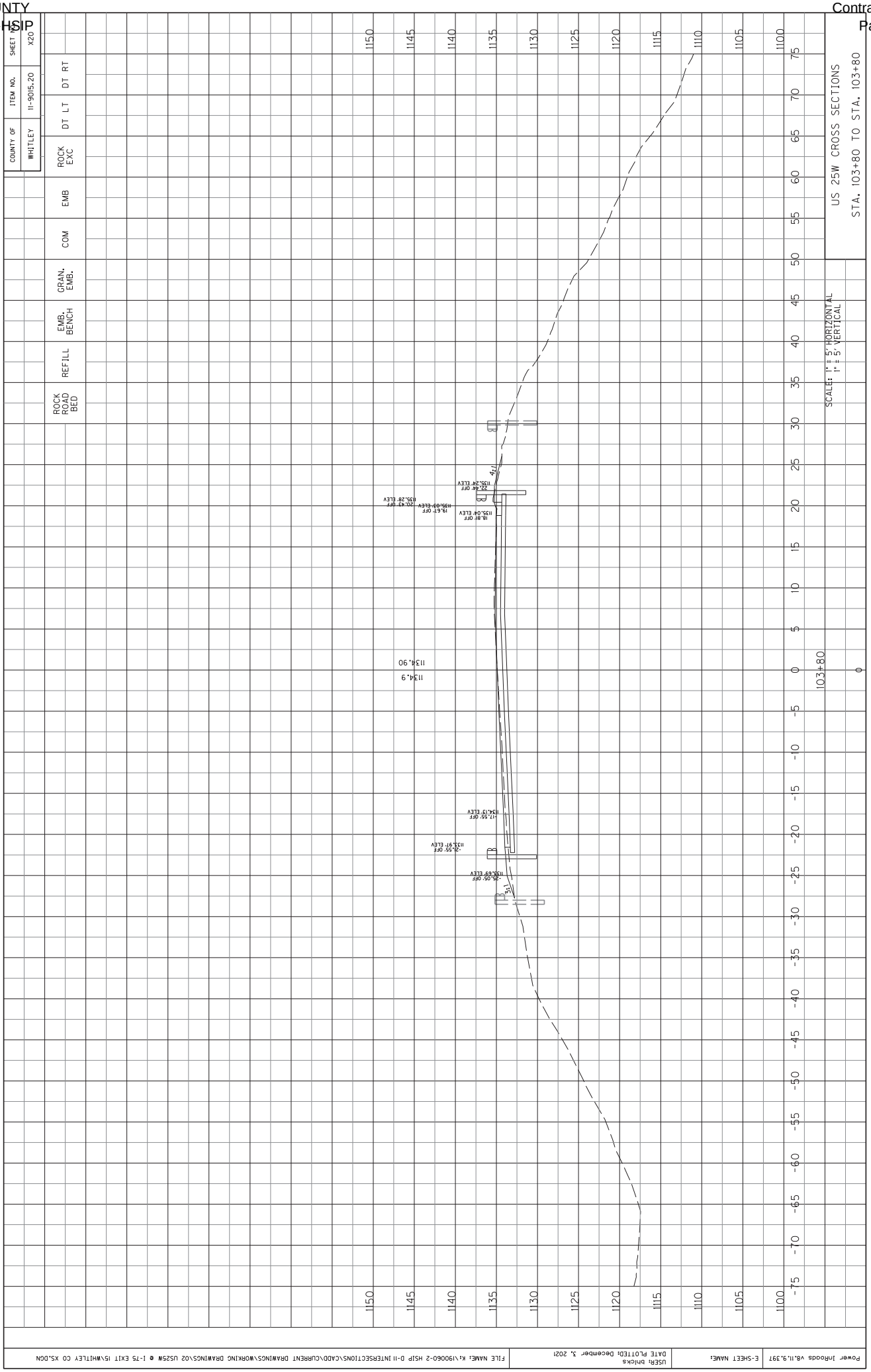

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X15
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 103+30 TO STA. 103+30
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1145
1140
1135
1130
1125
1120
1115
1110
1105
1100
1095
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
103+30
0
1134.17
1134.1
-19.9' OFF
1132.00' ELEV
-23.48' OFF
1132.66' ELEV
-15.97' OFF
1133.16' ELEV
16.65' OFF
1134.69' ELEV
18.45' OFF
1134.48' ELEV
Power InRoads V8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

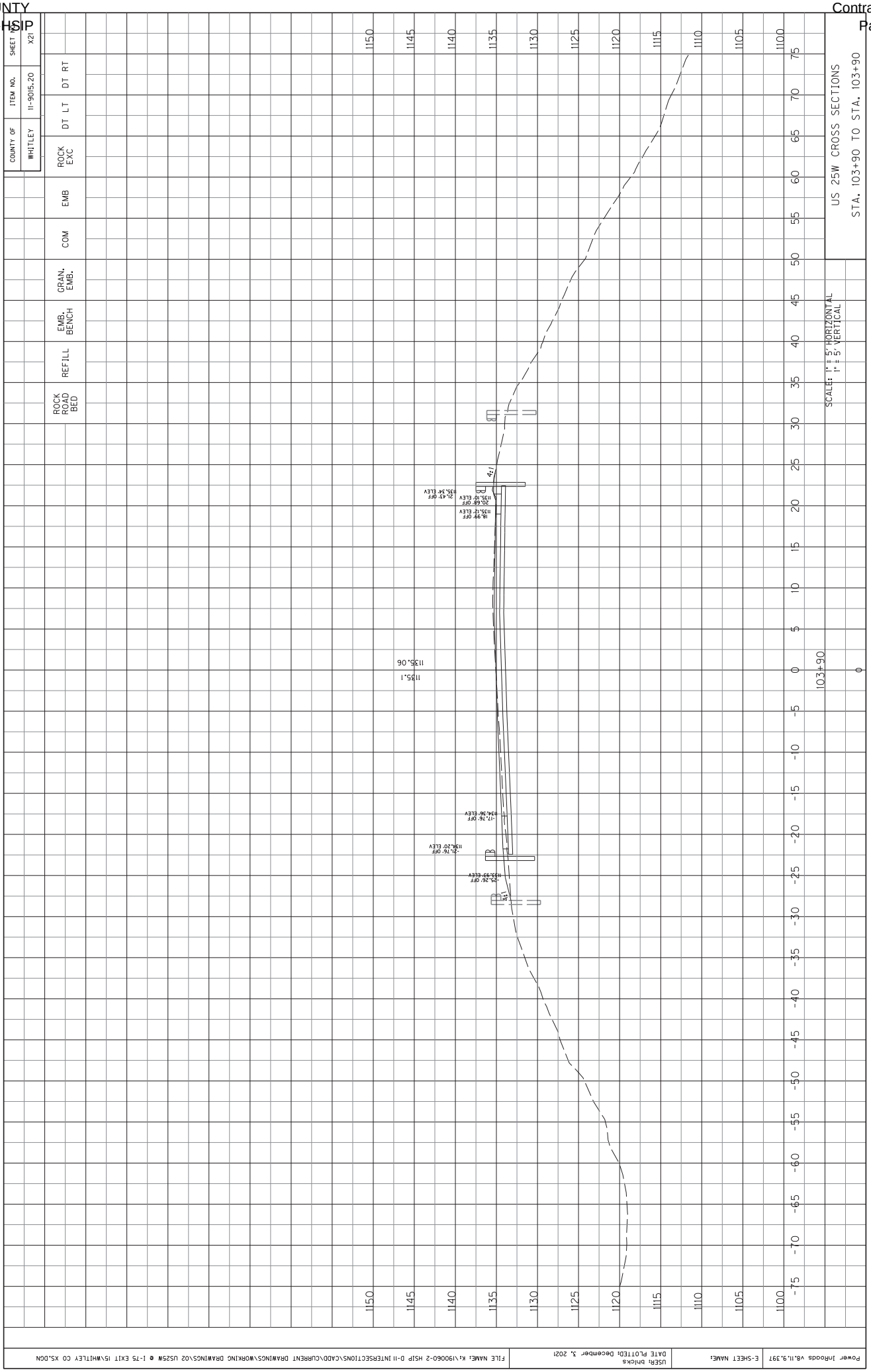

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X16
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 103+40 TO STA. 103+40
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1145
1140
1135
1130
1125
1120
1115
1110
1105
1100
1095
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
103+40
0
1134.32
1134.2
18.49' OFF
1134.61' ELEV
15.40' OFF
1134.73' ELEV
-16.34' OFF
1133.30' ELEV
-20.35' OFF
1132.87' ELEV
-23.86' OFF
1132.87' ELEV
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

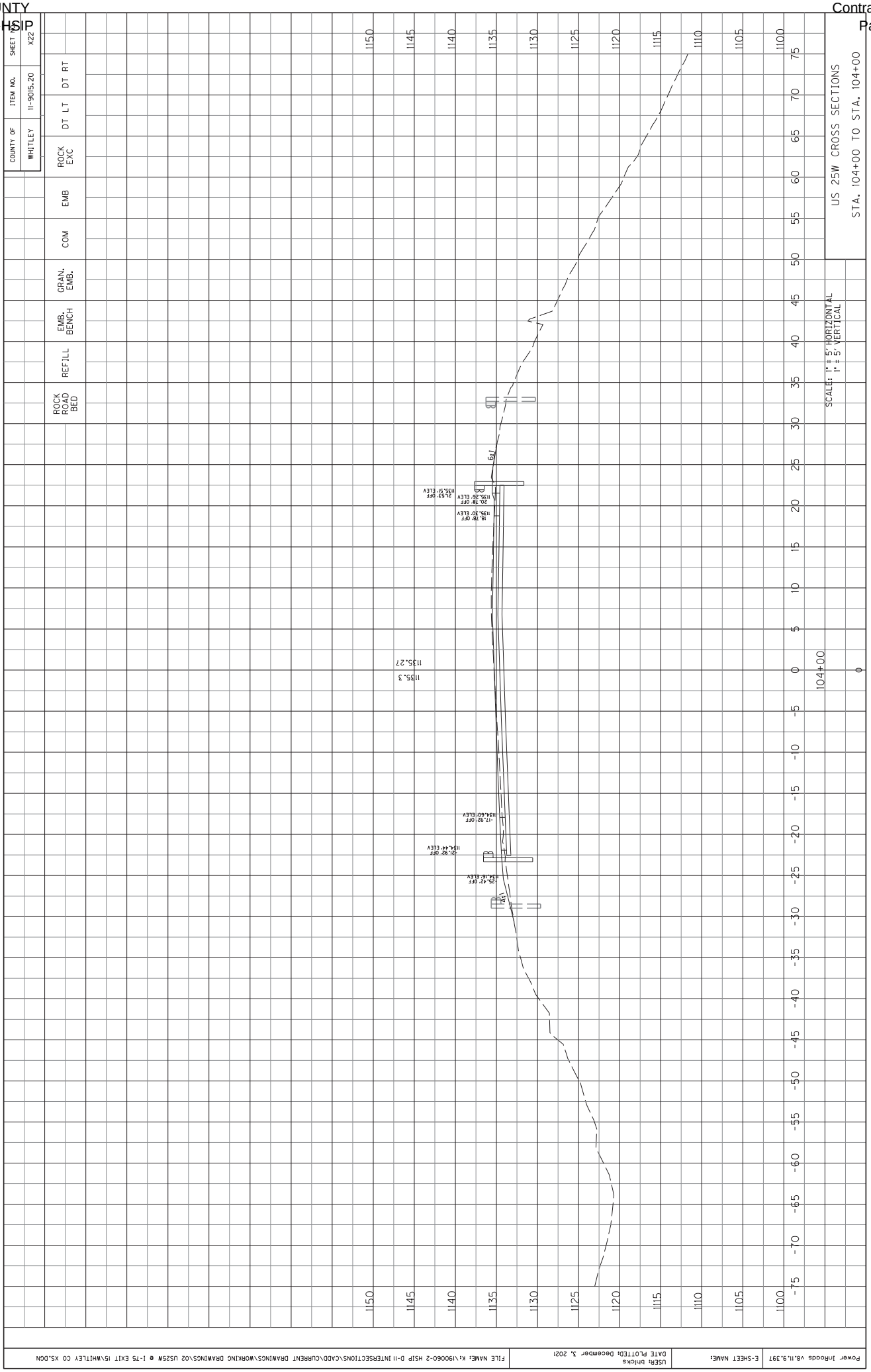

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X17
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 103+50 TO STA. 103+50
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
103+50
1134.48
1134.4
1134.75' ELEV
18.48' OFF
1134.83' ELEV
16.27' OFF
1133.45' ELEV
-16.67' OFF
1133.29' ELEV
-20.68' OFF
1133.02' ELEV
-24.18' OFF
-48'
19'

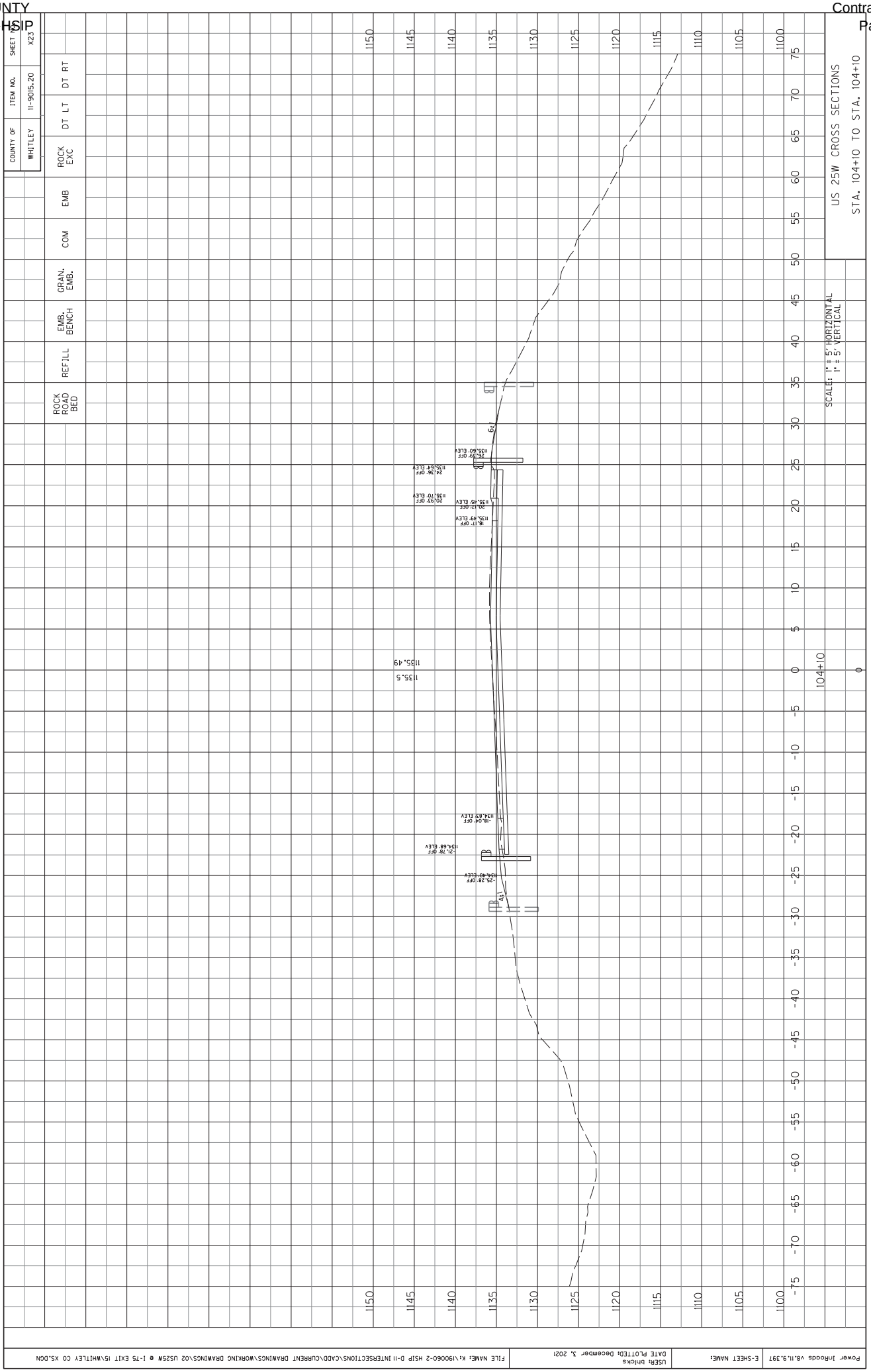

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X18
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 103+60 TO STA. 103+60
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1150
1145
1140
1135
1130
1125
1120
1115
1110
1105
1100
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
103+60
0
1134.6
1134.63
17.27' OFF
1134.90' ELEV
18.41' OFF
1134.86' ELEV
20.54' OFF
1134.80' ELEV
-21.00' OFF
1133.50' ELEV
-24.00' OFF
1133.66' ELEV
-24.50' OFF
1133.22' ELEV
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

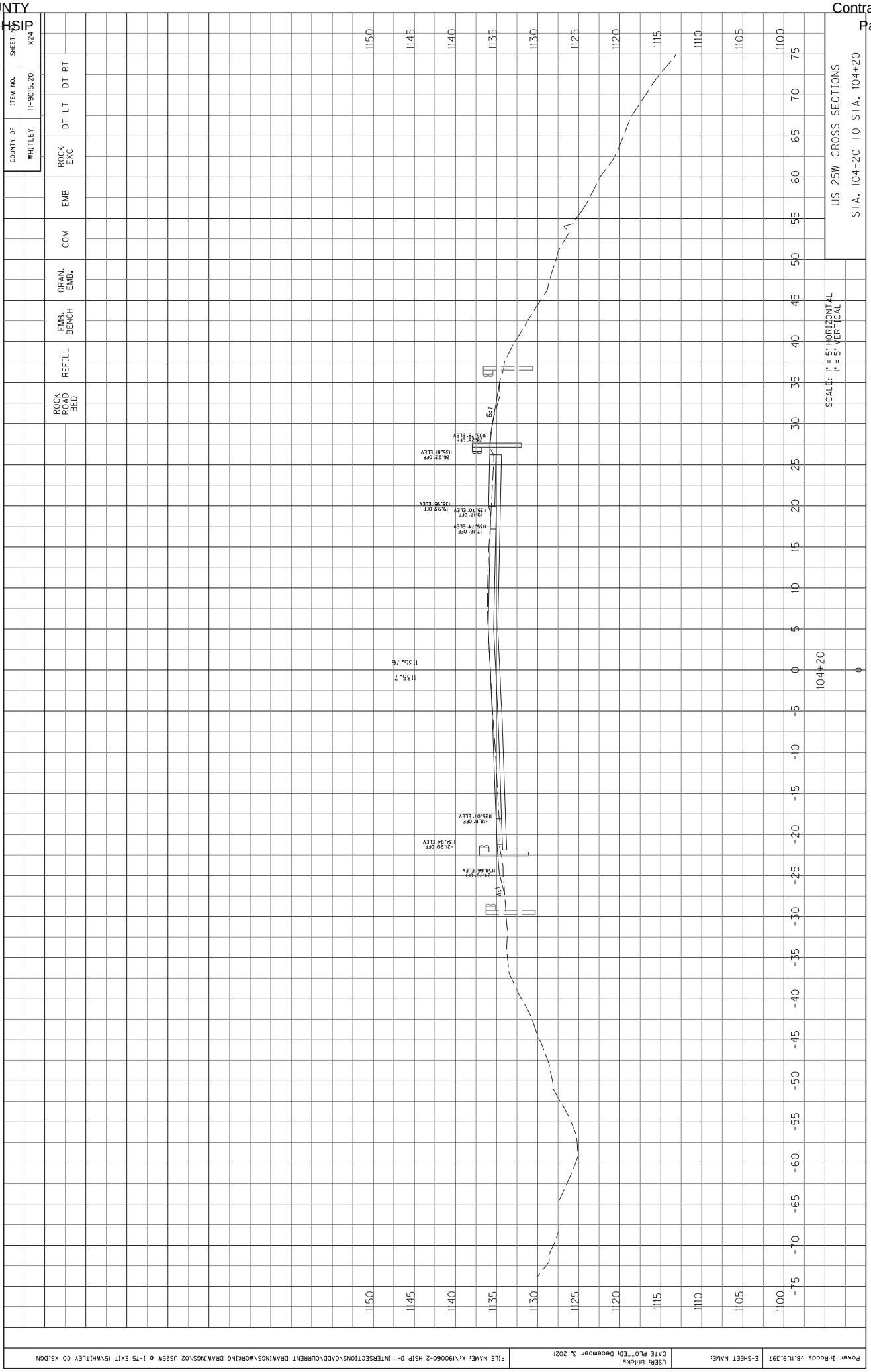

SHEET NO. X19
ITEM NO. 11-9015.20
COUNTY OF WHITLEY
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 103+70 TO STA. 103+70
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1134.76
1134.7
103+70
18.24' OFF
1134.97' ELEV
18.41' OFF
1134.97' ELEV
19.16' OFF
1135.22' ELEV
35.17' OFF
1135.18' ELEV
-17.30' OFF
1133.89' ELEV
-21.30' OFF
1133.74' ELEV
-24.80' OFF
1133.46' ELEV
4:1
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN
USER: bhicks
DATE PLOTTED: December 3, 2021
SHEET NAME:
Power InRoads v8.11.9.397

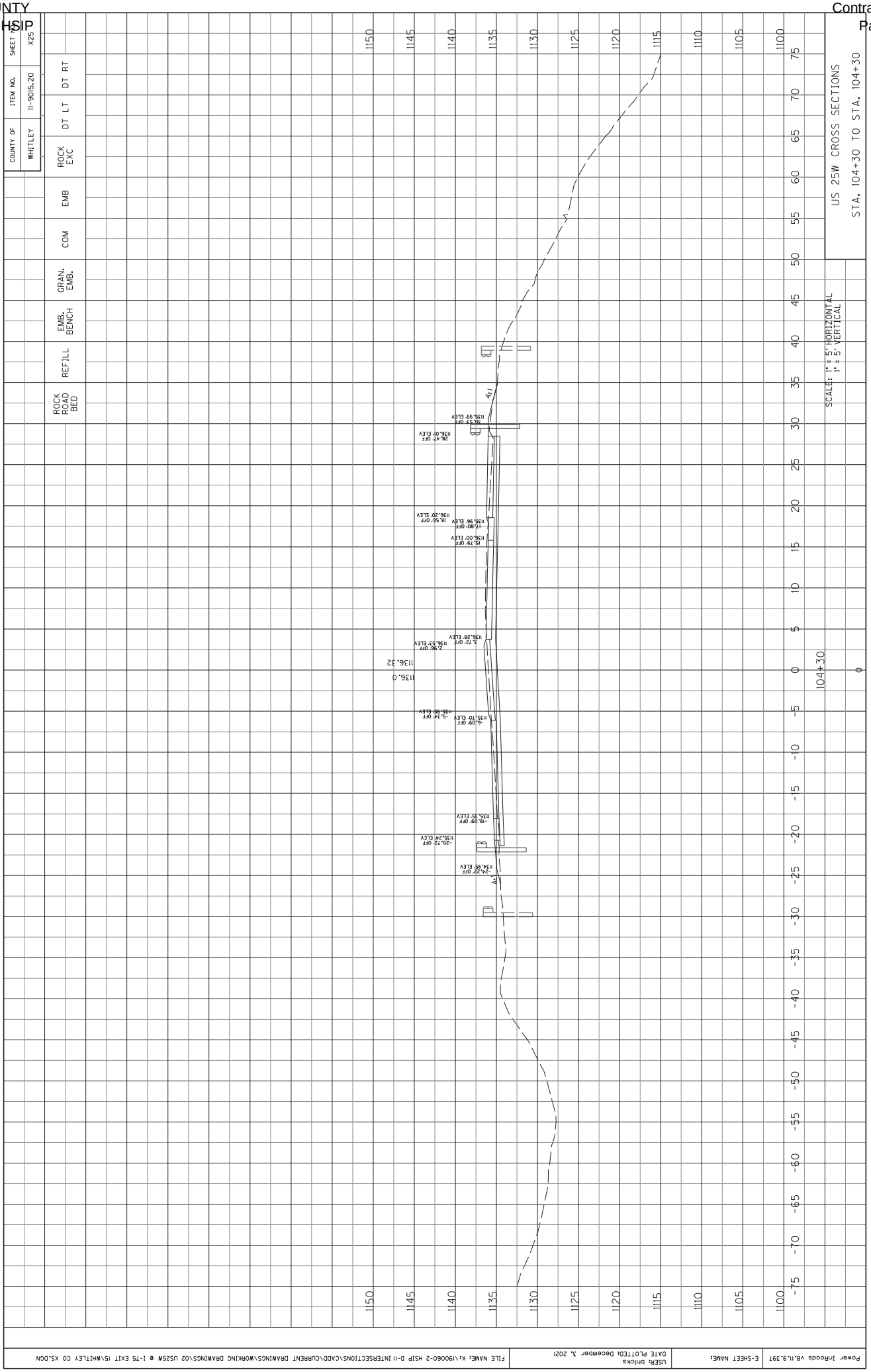

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X20
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 103+80 TO STA. 103+80
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1134.90
1134.9
103+80
4:1
3:1
1150
1145
1140
1135
1130
1125
1120
1115
1110
1105
1100
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75

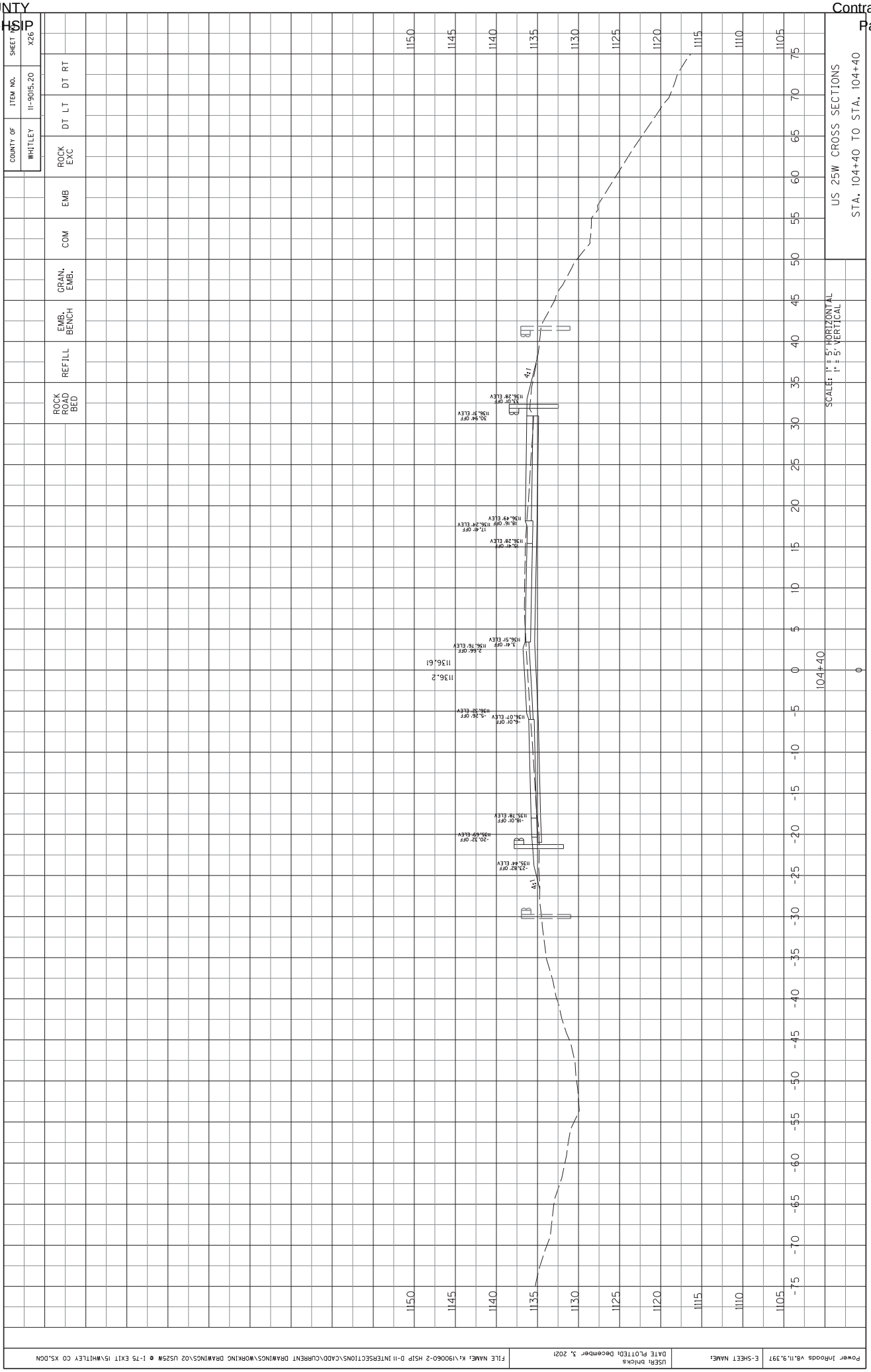

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X21
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 103+90 TO STA. 103+90
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1135.06
1135.1
4:1
-17.76' OFF
1134.36' ELEV
-21.76' OFF
1134.20' ELEV
-25.26' OFF
1133.99' ELEV
20.68' OFF
1135.10' ELEV
18.99' OFF
1135.12' ELEV
21.43' OFF
1135.34' ELEV
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

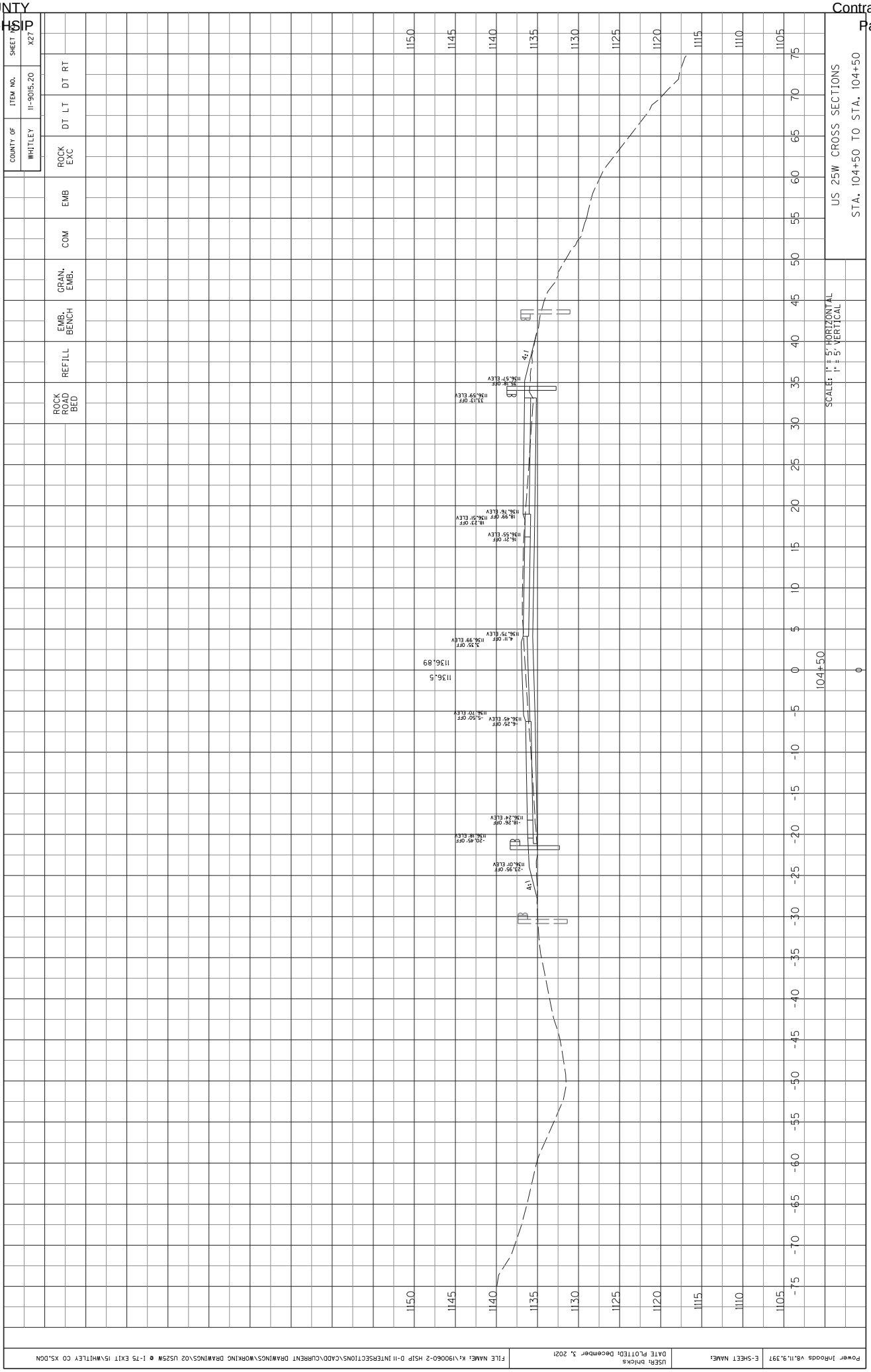

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X22
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 104+00 TO STA. 104+00
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
104+00
1135.27
1135.3
FILL
CUT
1150
1145
1140
1135
1130
1125
1120
1115
1110
1105
1100
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75

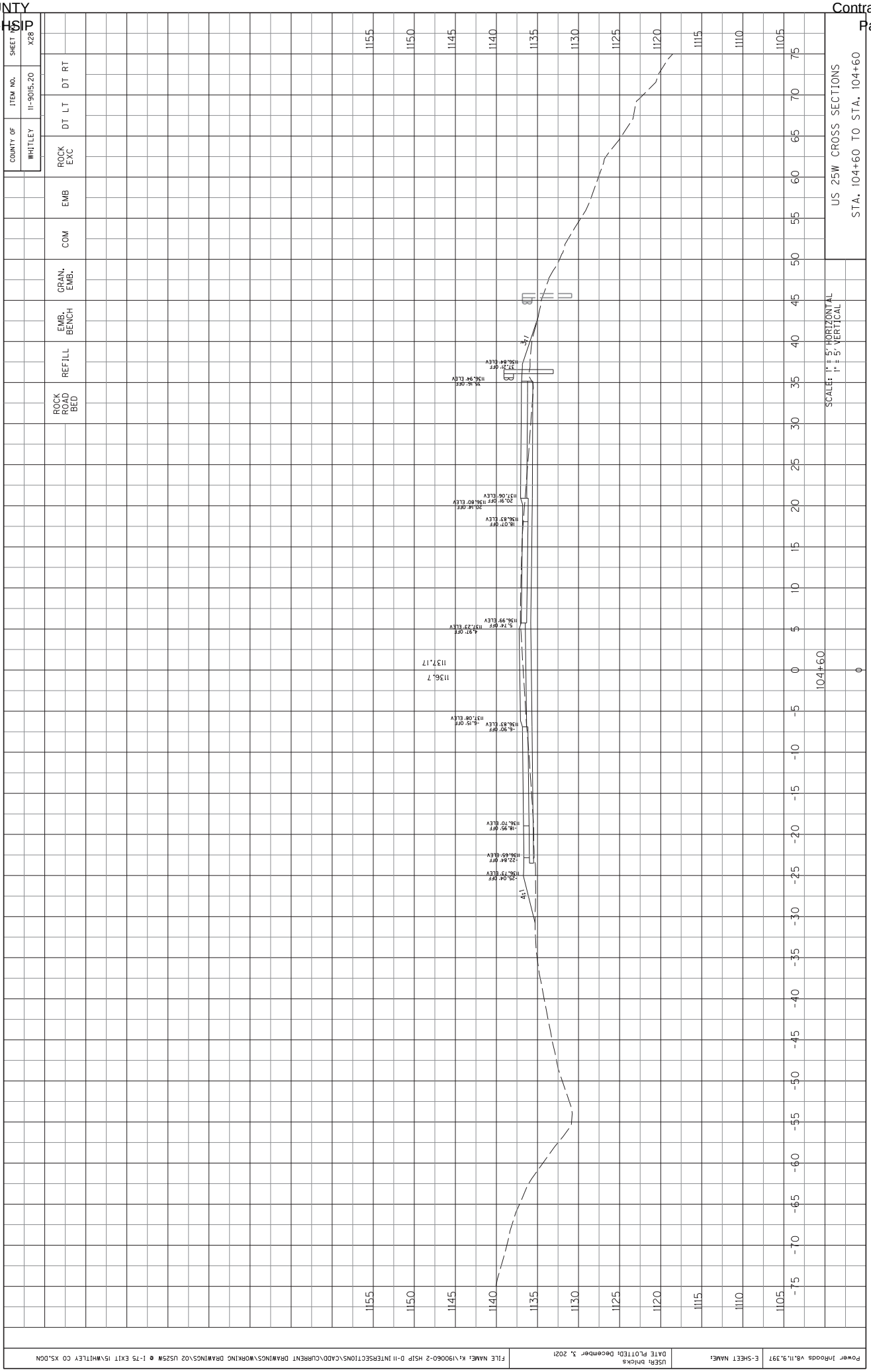

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X23
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 104+10 TO STA. 104+10
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
104+10
1135.5
1135.49
BL1
BL2
1150
1145
1140
1135
1130
1125
1120
1115
1110
1105
1100
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75

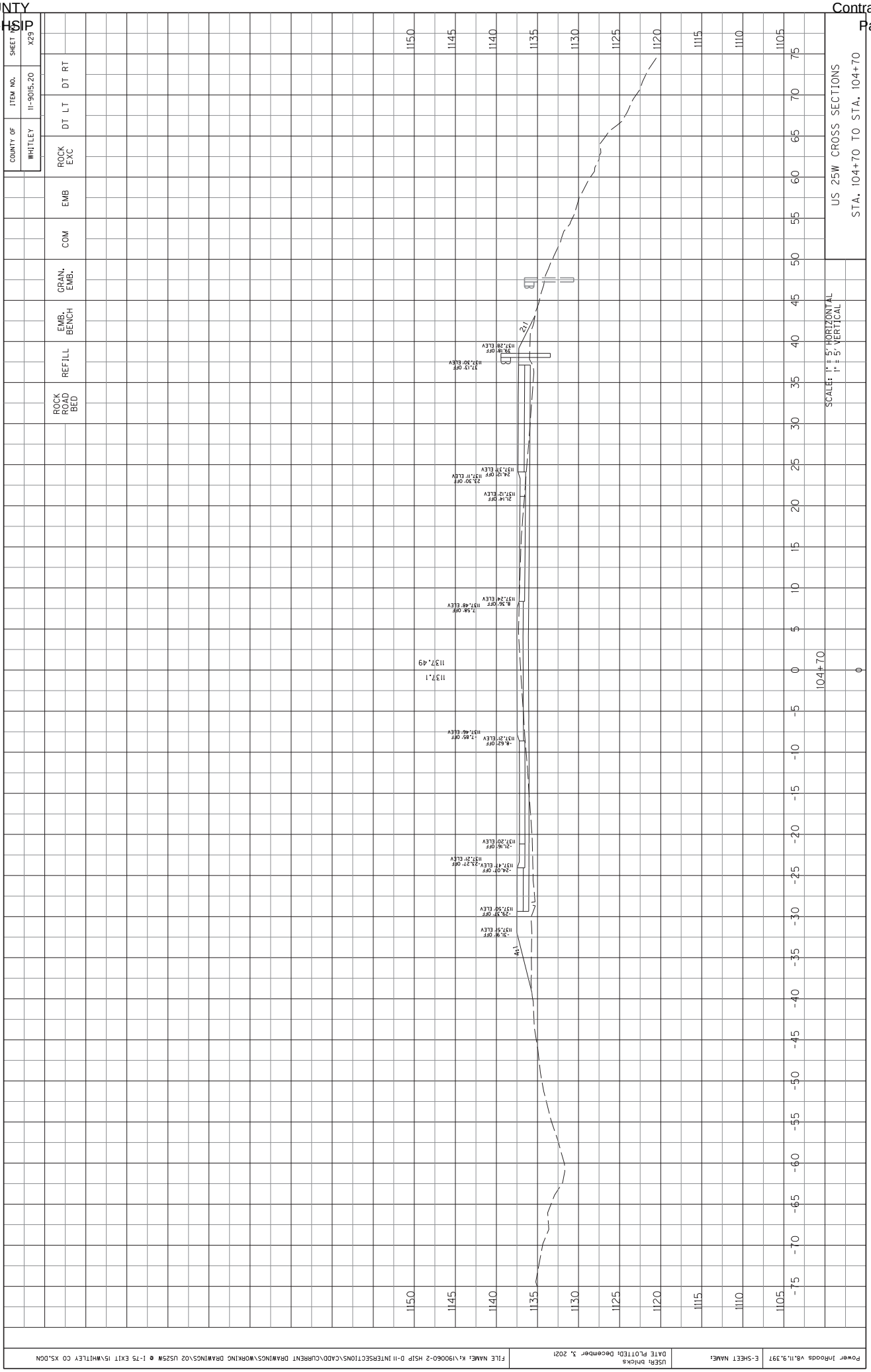

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X24
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 104+20 TO STA. 104+20
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
104+20
0
1135.76
1135.7
1:9
1:1
1:1
1150
1145
1140
1135
1130
1125
1120
1115
1110
1105
1100
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

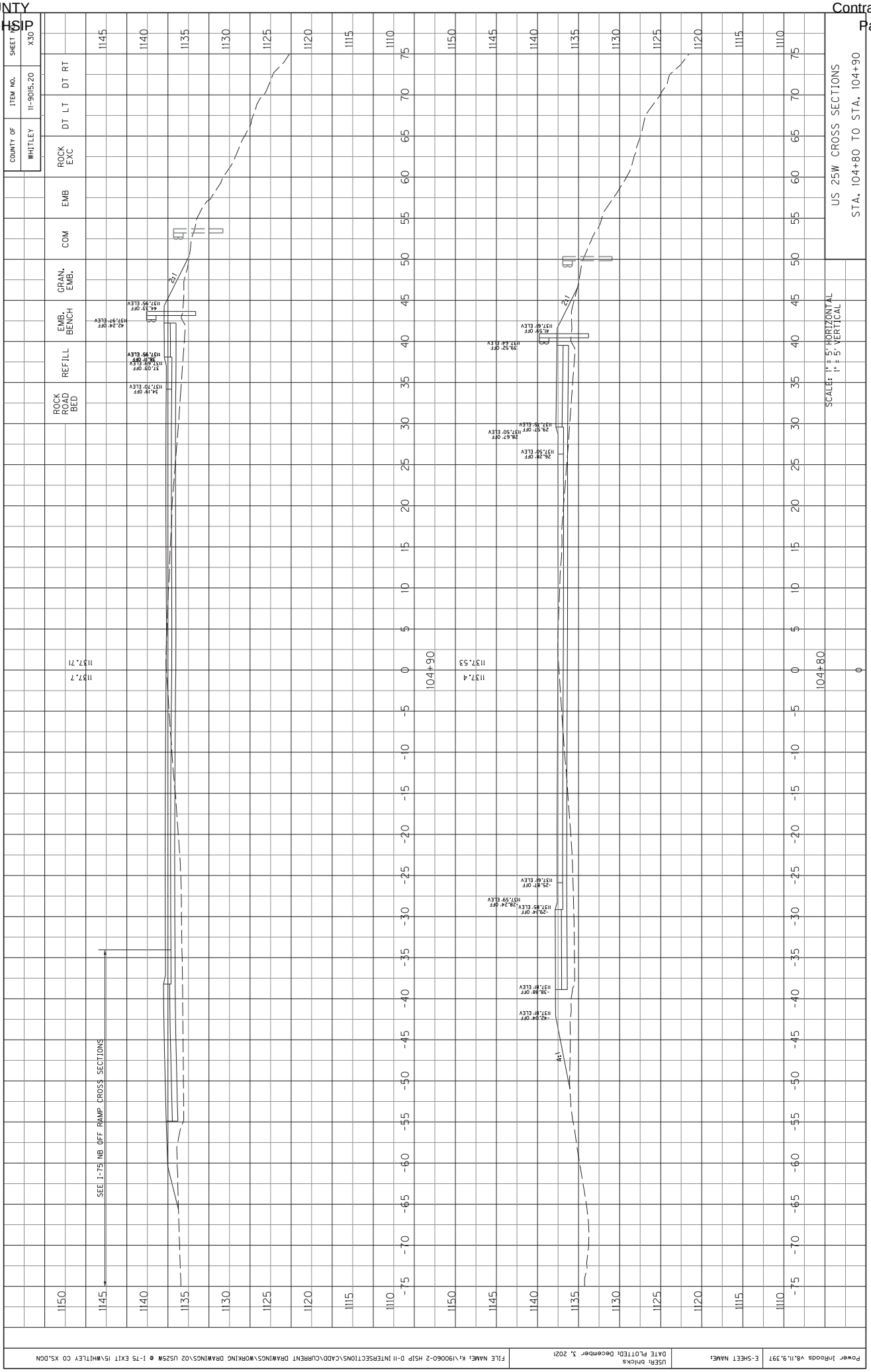

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X25
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 104+30 TO STA. 104+30
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
CUT
FILL
4:1
104+30
1136.0
1136.32
1150
1145
1140
1135
1130
1125
1120
1115
1110
1105
1100
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75

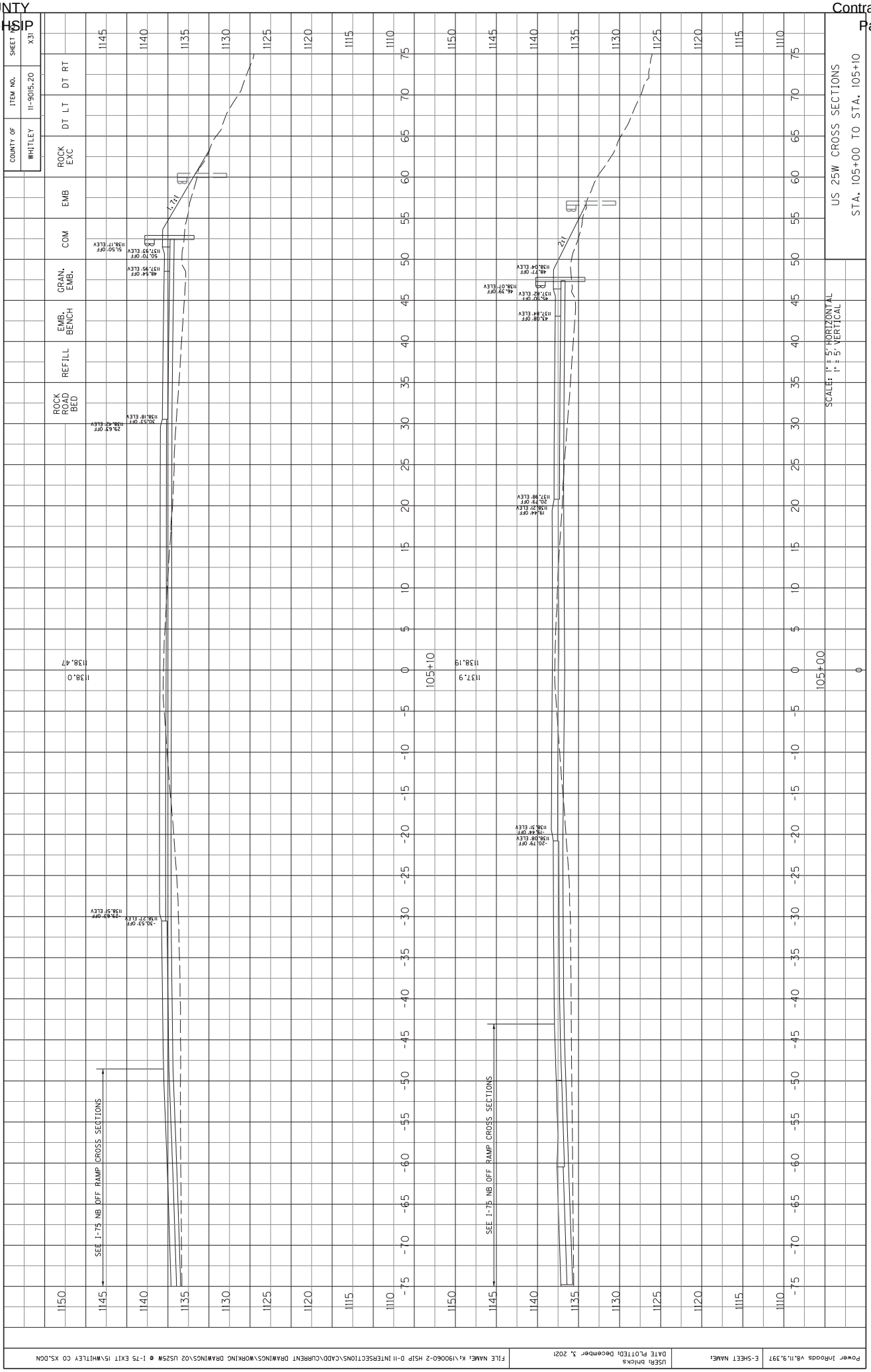

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X26
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 104+40 TO STA. 104+40
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
104+40
1136.61
1136.2
1136.28' ELEV
1136.31' ELEV
1136.49' ELEV
1136.24' ELEV
1136.76' ELEV
1136.51' ELEV
1136.07' ELEV
1136.32' ELEV
1135.78' ELEV
1135.69' ELEV
1135.44' ELEV
1150
1145
1140
1135
1130
1125
1120
1115
1110
1105

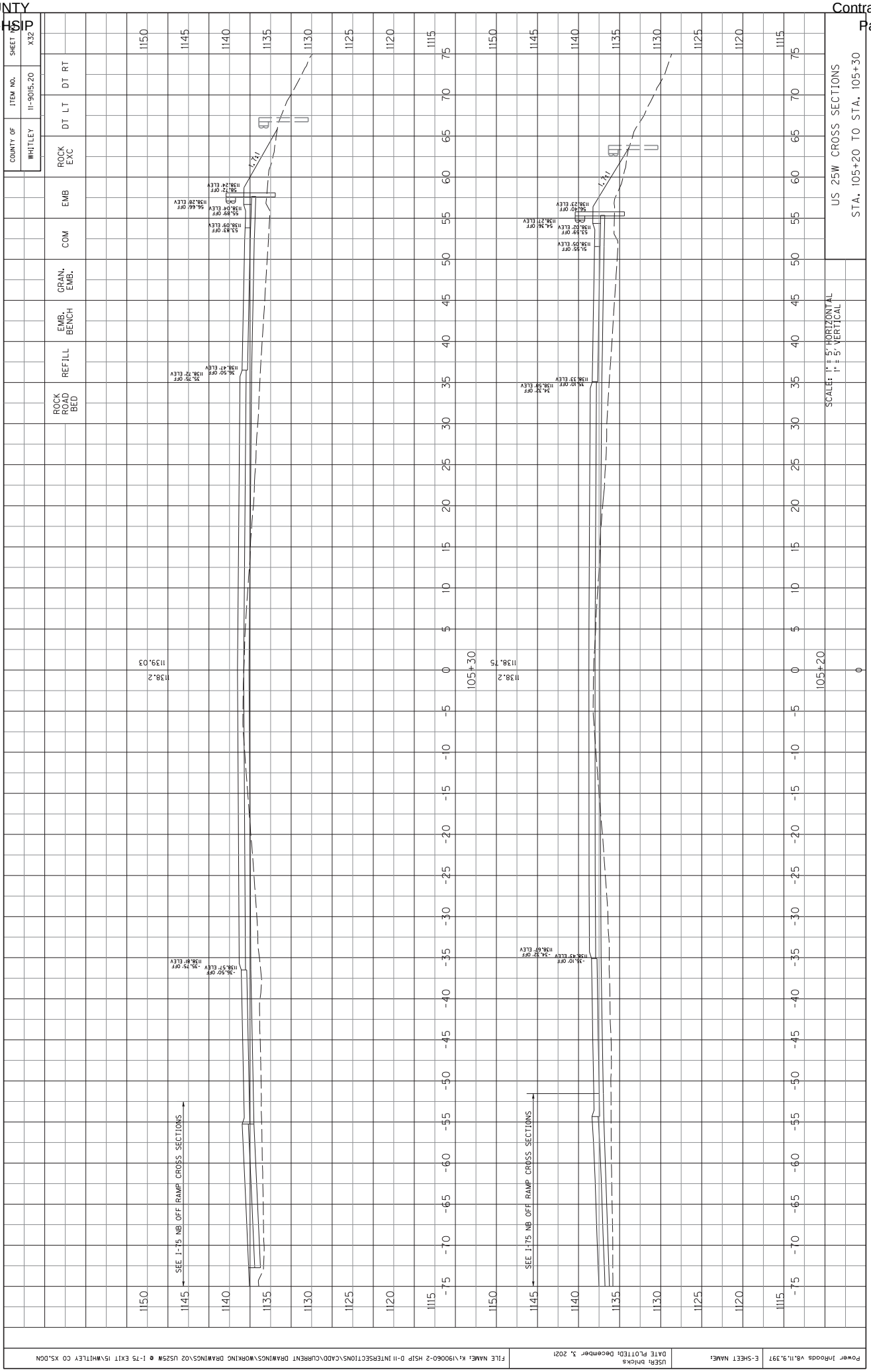

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X27
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 104+50 TO STA. 104+50
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
104+50
136.89
136.5
4:1
4:1
1150
1145
1140
1135
1130
1125
1120
1115
1110
1105
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75

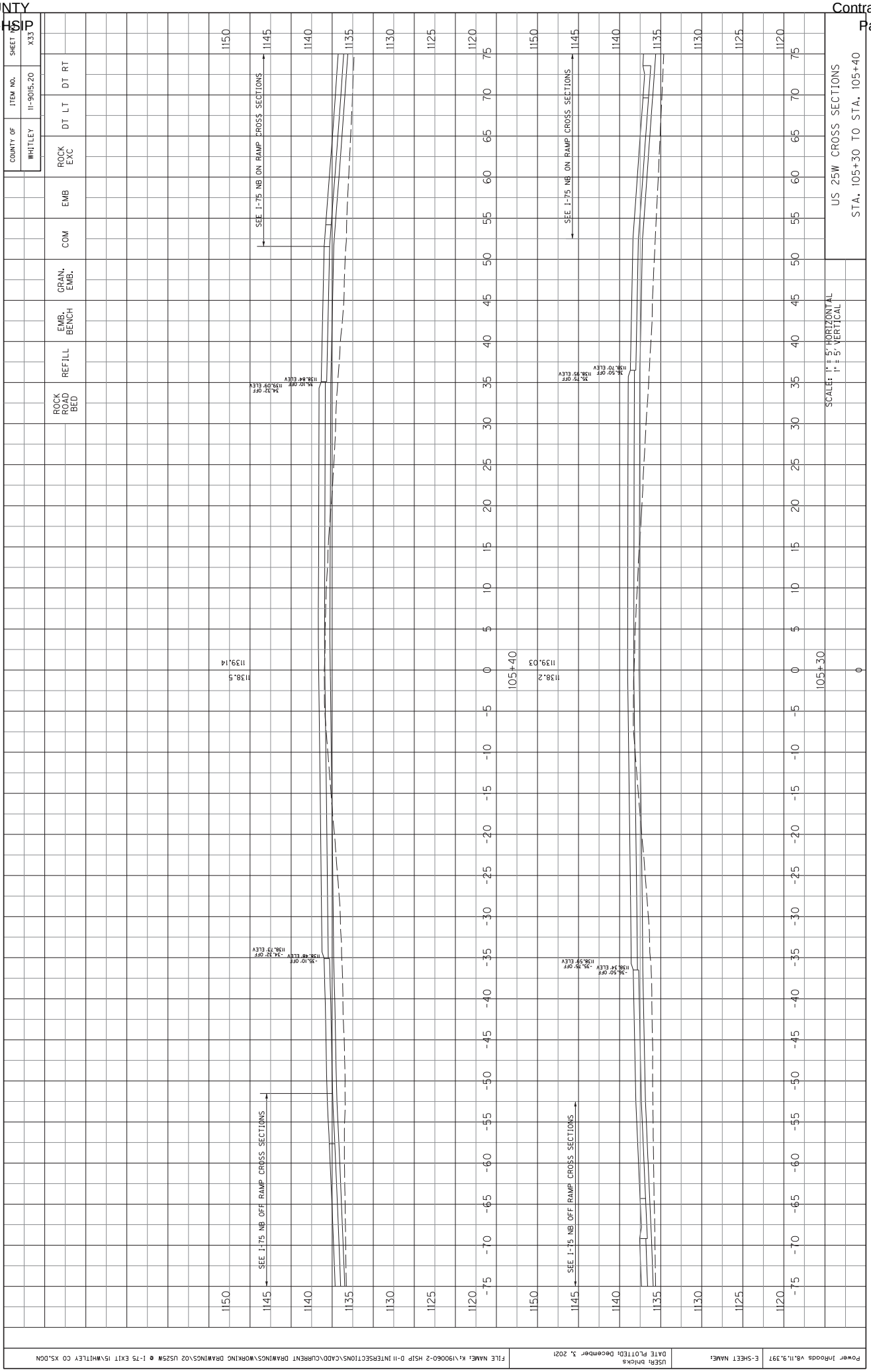

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X28
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 104+60 TO STA. 104+60
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
104+60
0
1136.7
1137.17
3:1
4:1
1155
1150
1145
1140
1135
1130
1125
1120
1115
1110
1105
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

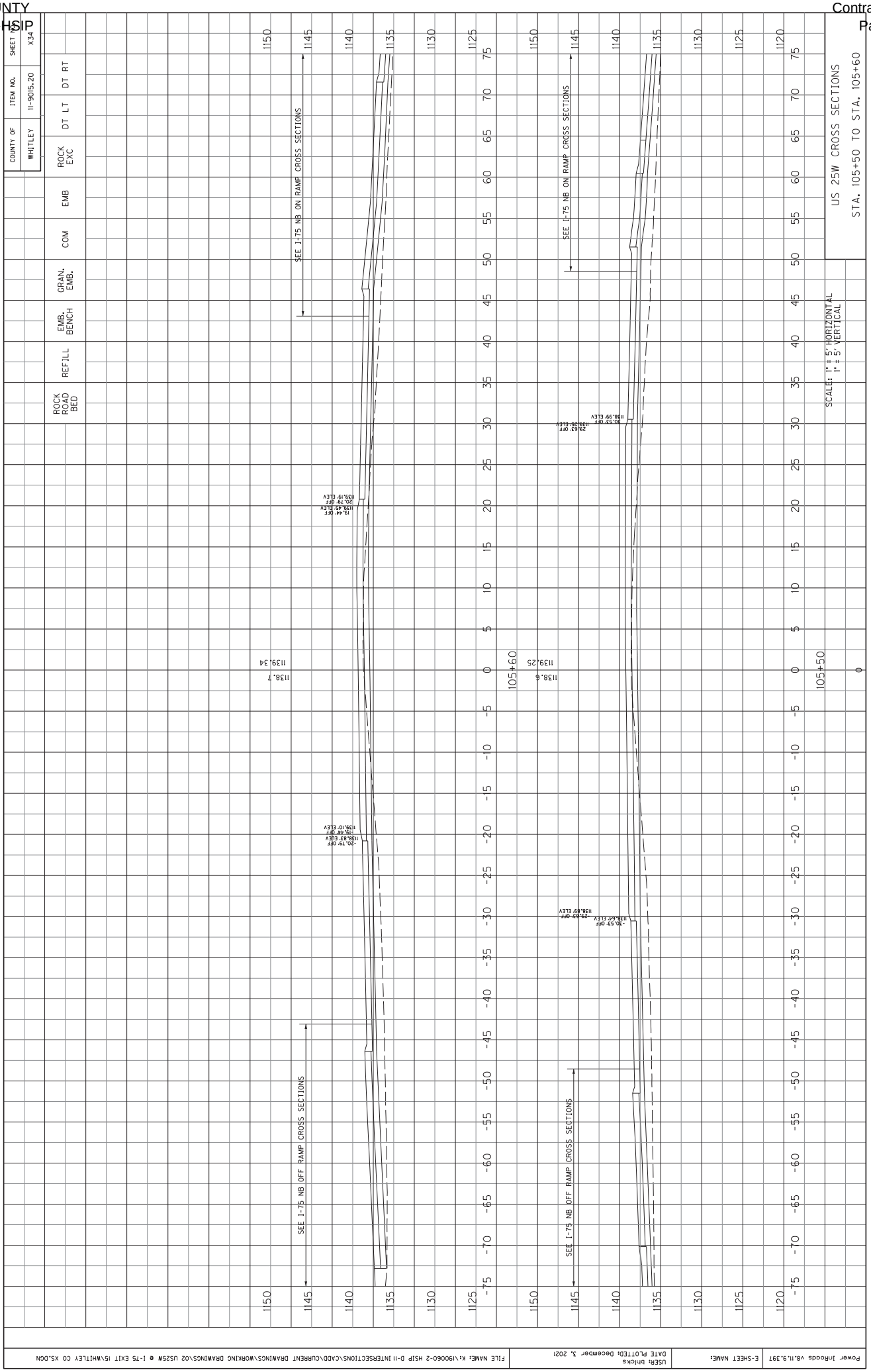

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X29
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 104+70 TO STA. 104+70
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
104+70
1137.49
1137.1
1150
1145
1140
1135
1130
1125
1120
1115
1110
1105
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

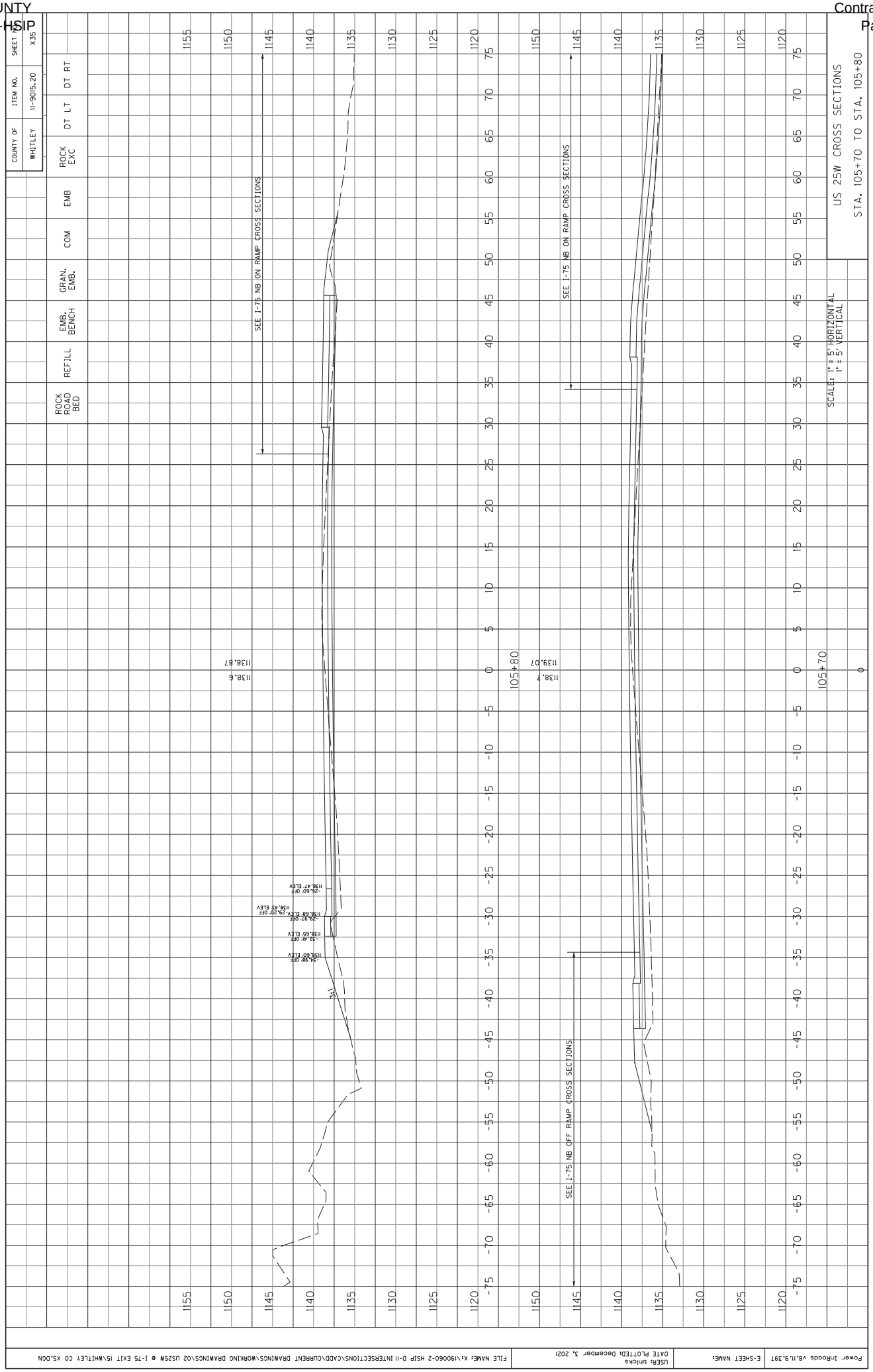

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X30
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 104+80 TO STA. 104+90
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
104+90
104+80
SEE I-75 NB OFF RAMP CROSS SECTIONS
Power Inroads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN


COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X31
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 105+00 TO STA. 105+10
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
SEE I-75 NB OFF RAMP CROSS SECTIONS
SEE I-75 NB OFF RAMP CROSS SECTIONS
105+10
105+00
1138.47
1138.0
1137.9
1138.19
FILL
FILL
2:1
2:1
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

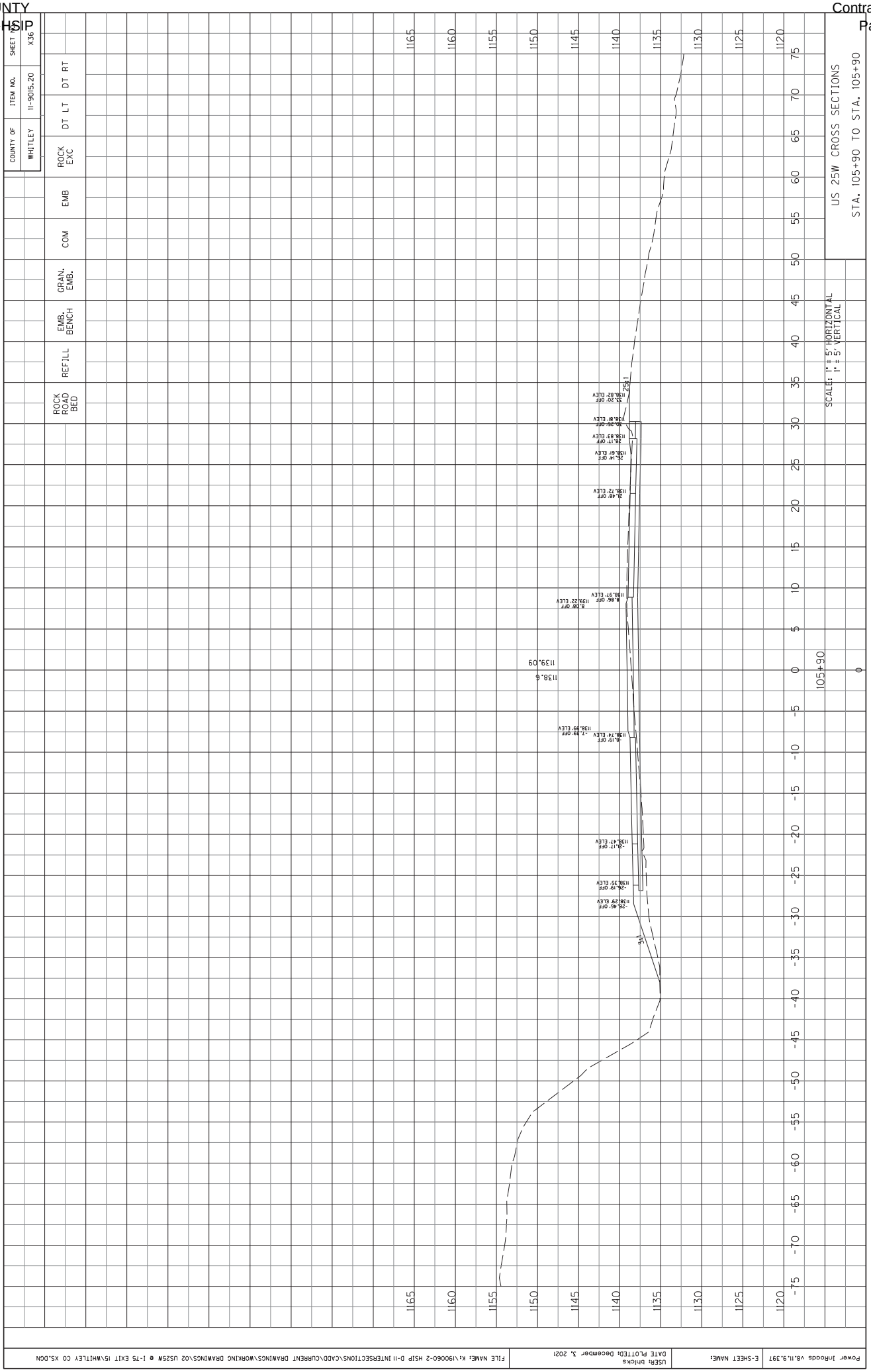

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X32
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 105+20 TO STA. 105+30
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
SEE I-75 NB OFF RAMP CROSS SECTIONS
SEE I-75 NB OFF RAMP CROSS SECTIONS
105+20
105+30
1138.2
1139.03
1138.75
7.7:1
7.7:1

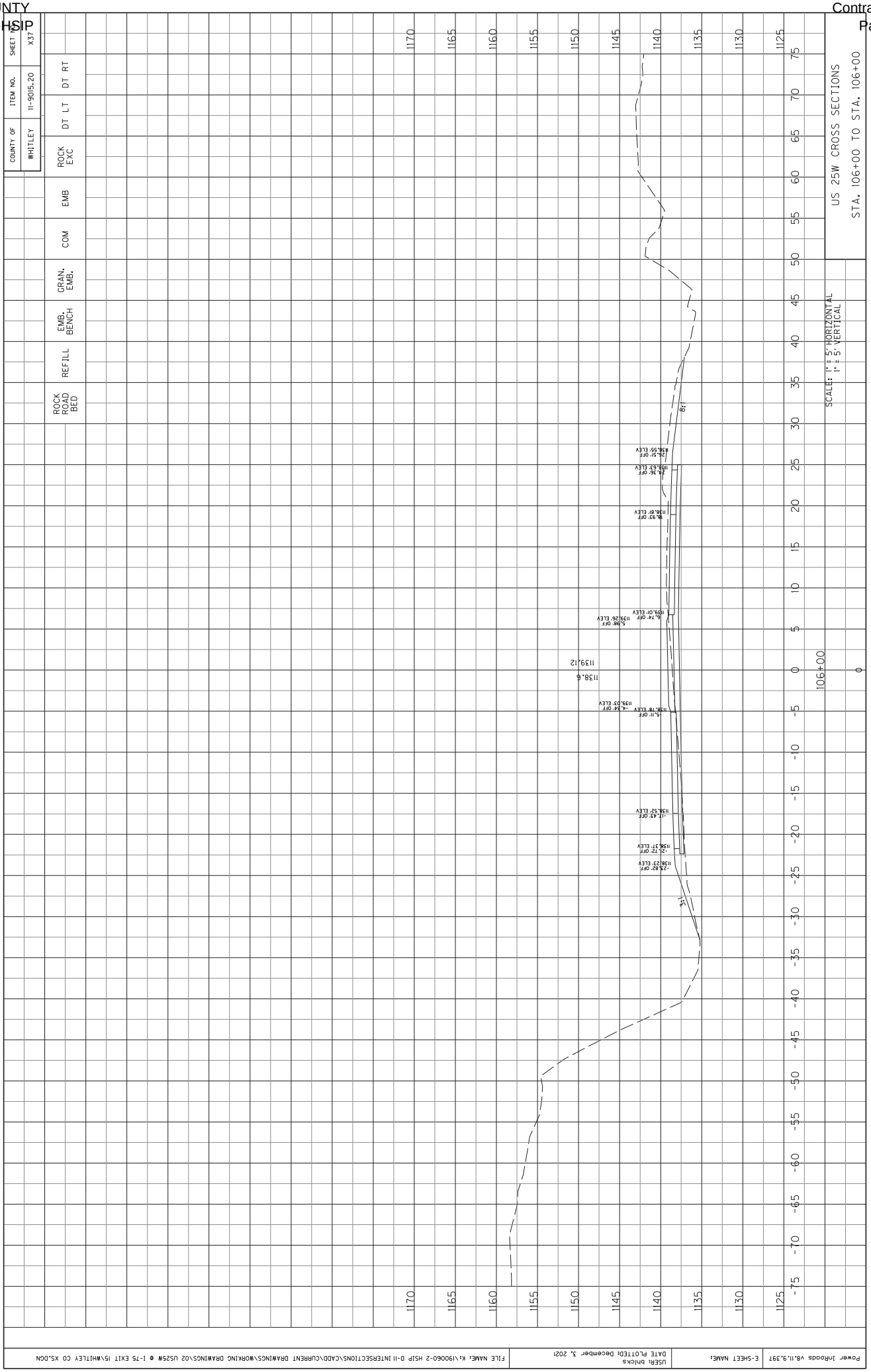

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X33
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 105+30 TO STA. 105+40
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
SEE I-75 NB ON RAMP CROSS SECTIONS
SEE I-75 NB OFF RAMP CROSS SECTIONS
105+40
105+30
1139.14
1138.5
1139.03
1138.2
34.37' OFF
1139.09' ELEV
35.10' OFF
1138.84' ELEV
35.75' OFF
1138.95' ELEV
36.50' OFF
1138.70' ELEV
-35.10' OFF
1138.48' ELEV
-34.37' OFF
1138.73' ELEV
-36.50' OFF
1138.34' ELEV
-35.75' OFF
1138.59' ELEV
Power Inroads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

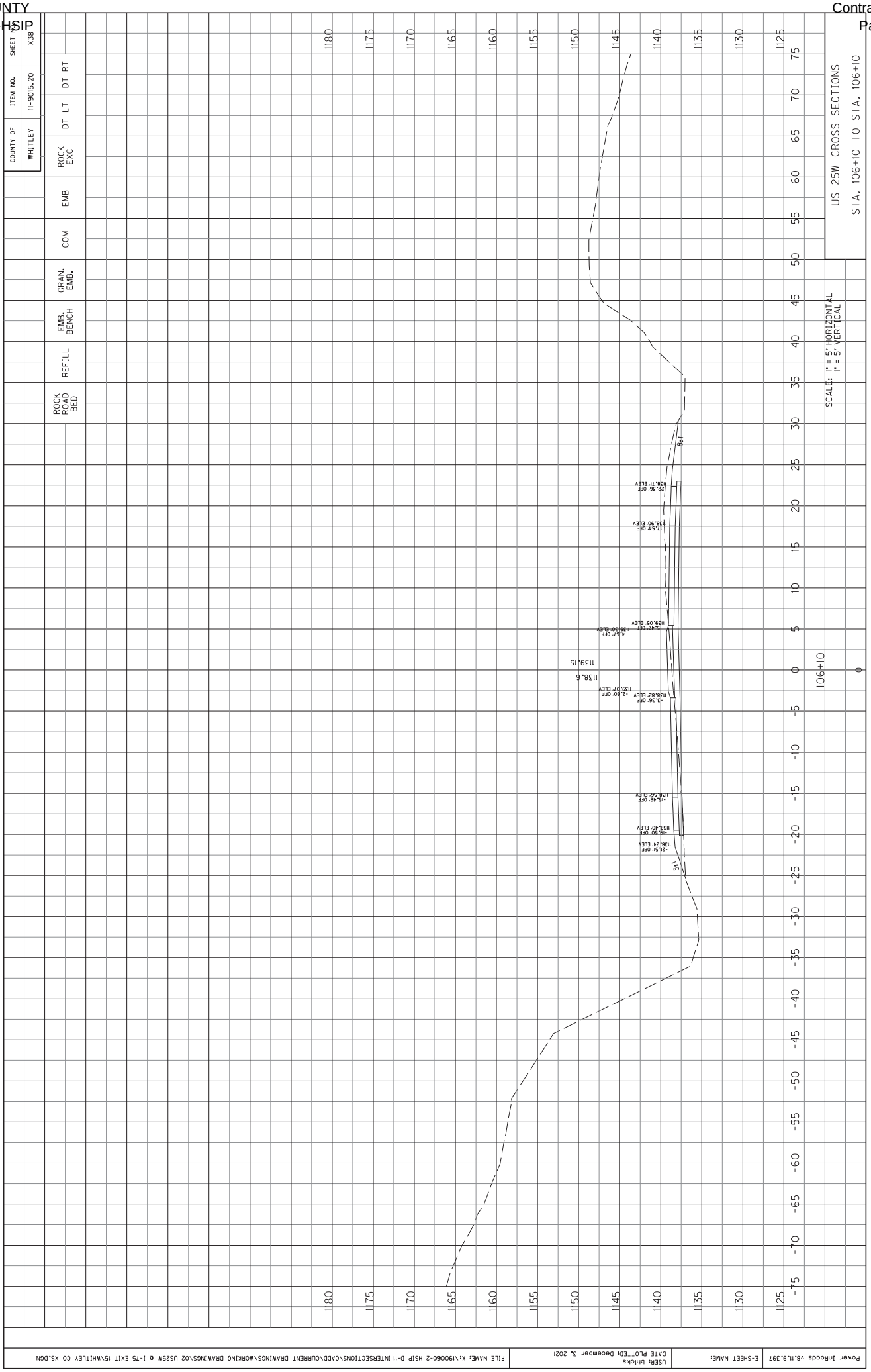

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X34
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 105+50 TO STA. 105+60
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
SEE I-75 NB ON RAMP CROSS SECTIONS
SEE I-75 NB OFF RAMP CROSS SECTIONS
105+60
105+50
1139.25
1138.6
1139.34
1138.7
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

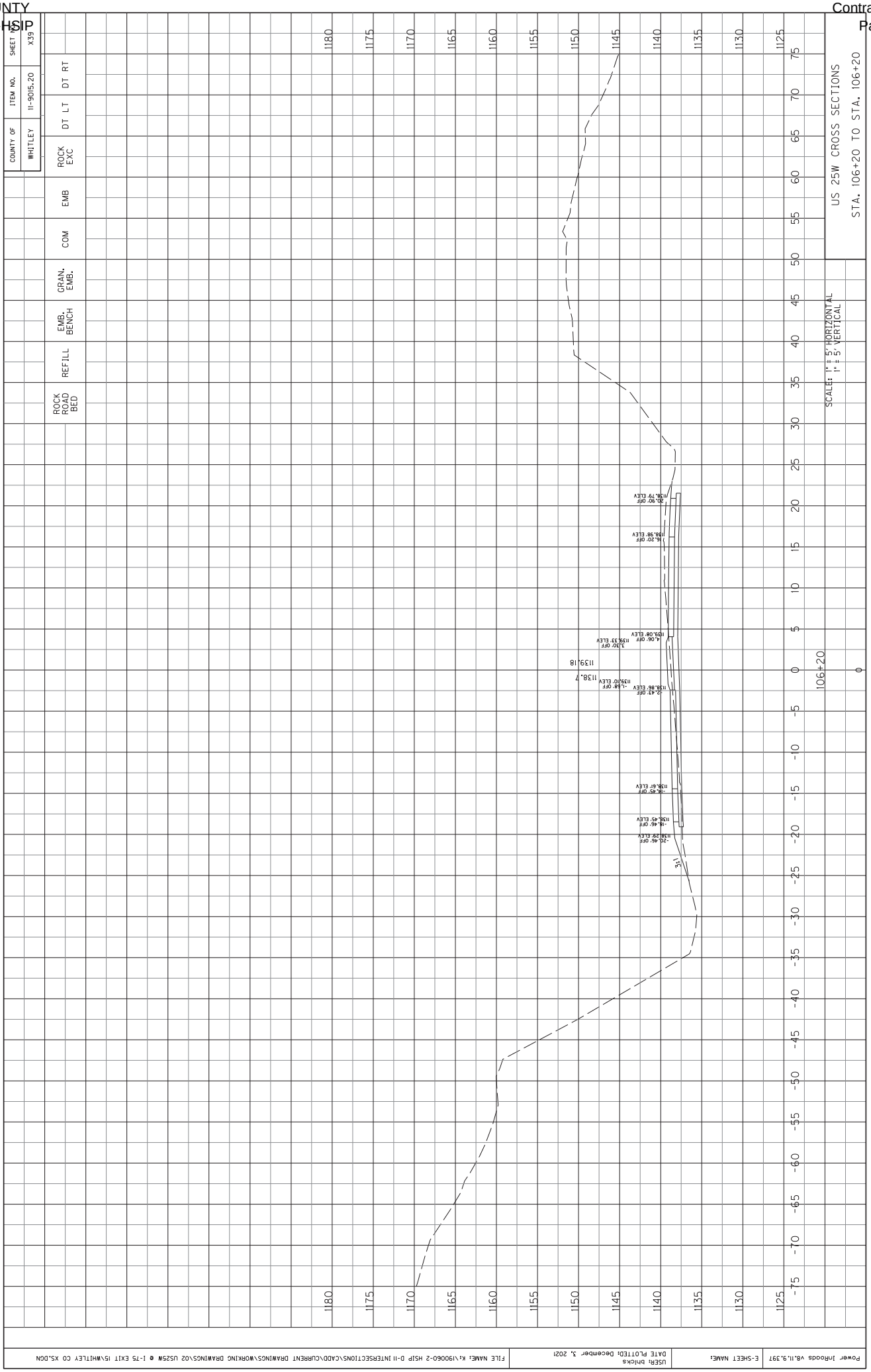


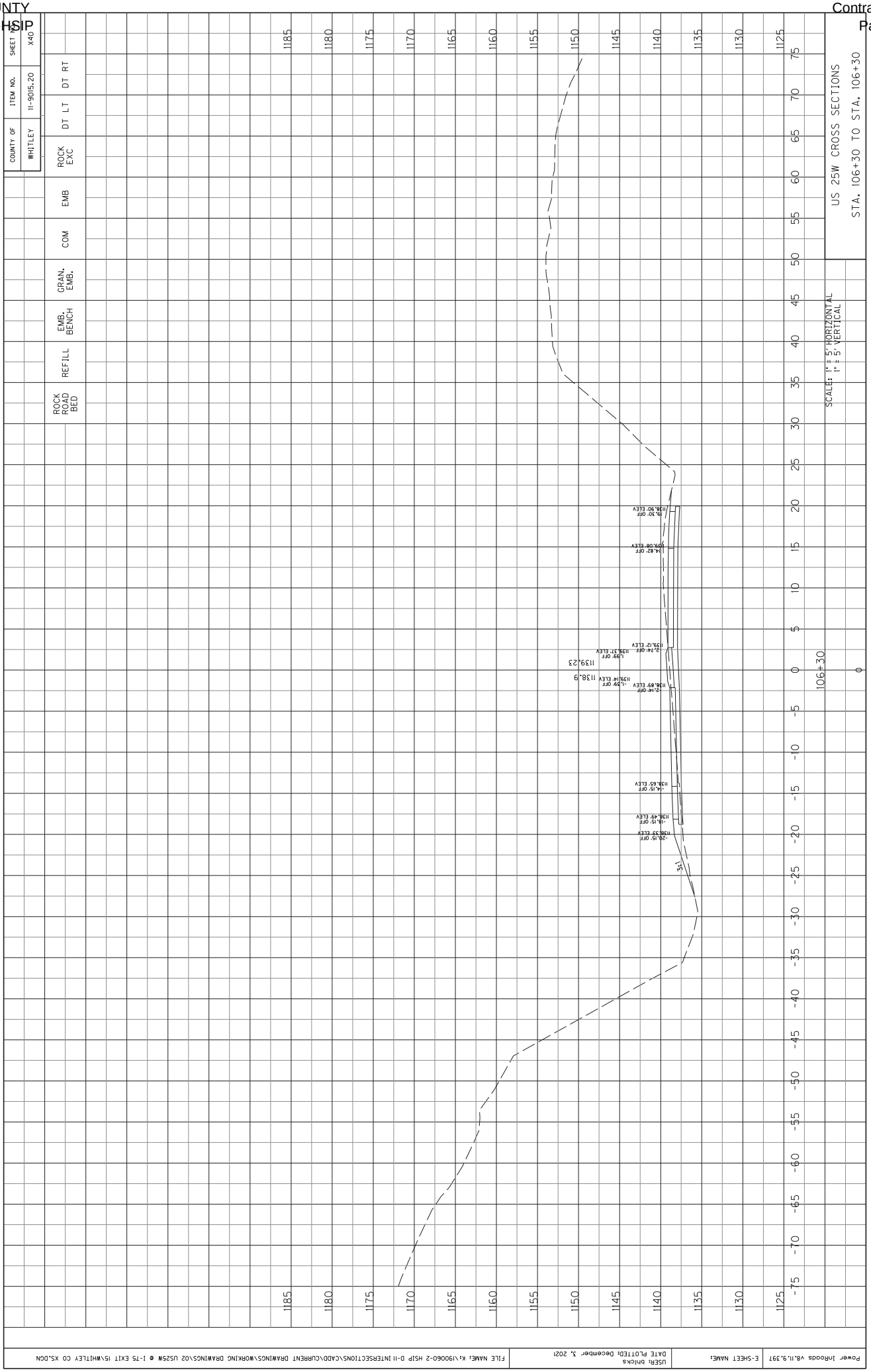
Power InRoads v8.11.9.397 | E-SHEET NAME: | USER: bhicks DATE PLOTTED: December 3, 2021 | FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

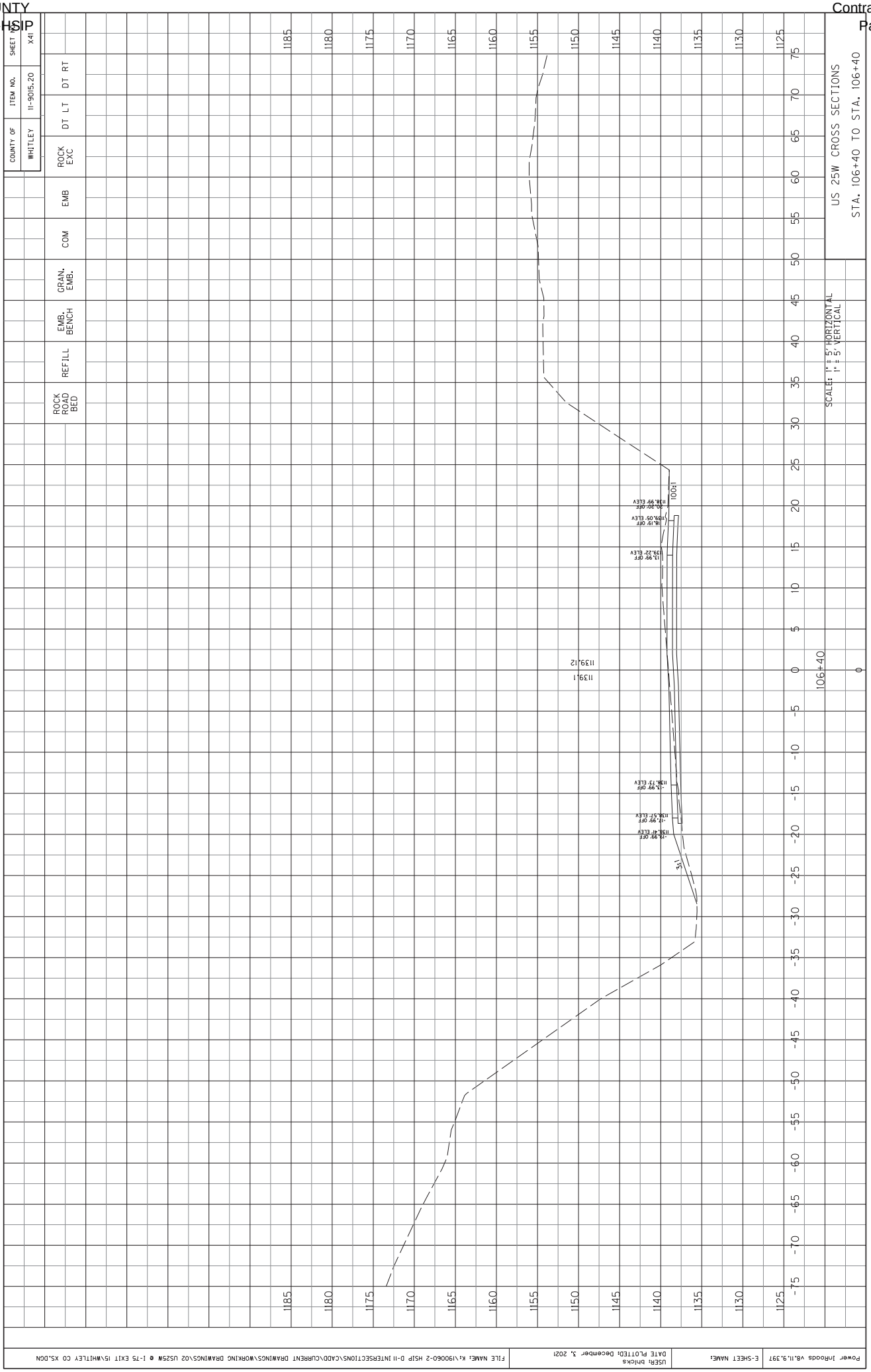

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X36
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 105+90 TO STA. 105+90
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
105+90
1139.09
1138.6
25:1
5:1
Power InRoads v8.11.9.397
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

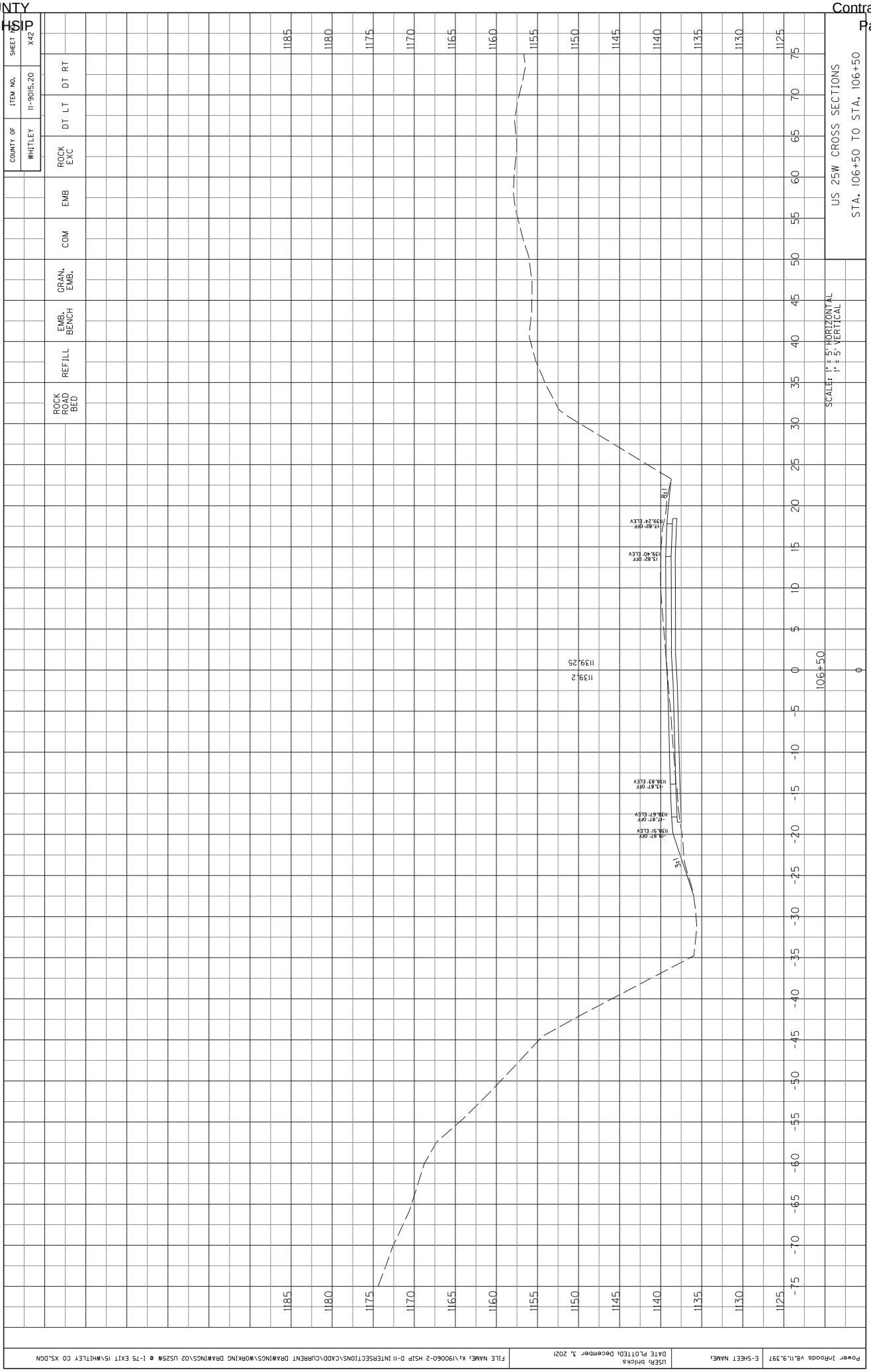

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X37
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 106+00 TO STA. 106+00
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
106+00
1139.12
1138.6
8:1
3:1
1170
1165
1160
1155
1150
1145
1140
1135
1130
1125
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75

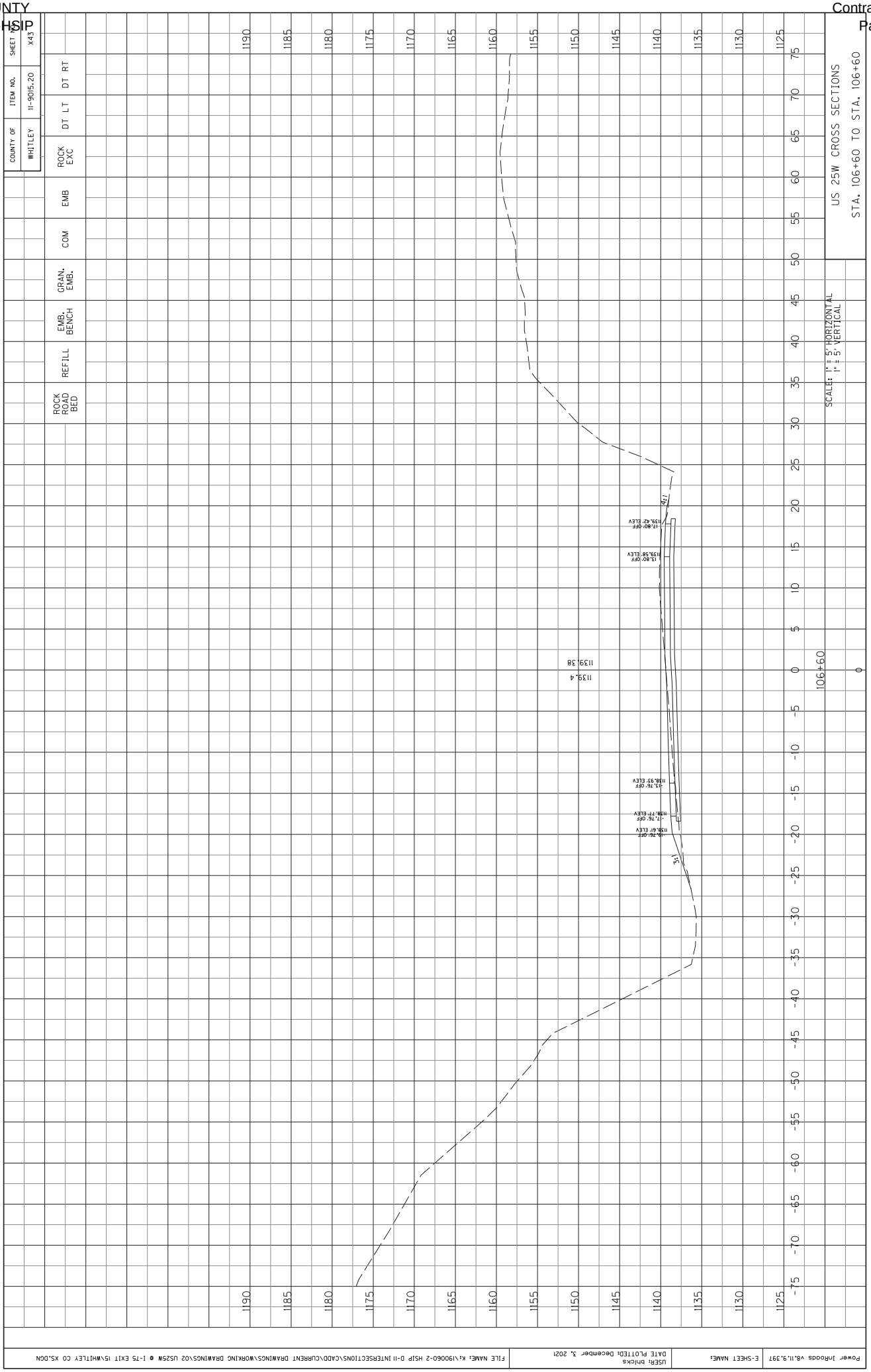

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X38
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 106+10 TO STA. 106+10
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
106+10
1138.6
1139.15
3:1
1+18
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130
1125
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75

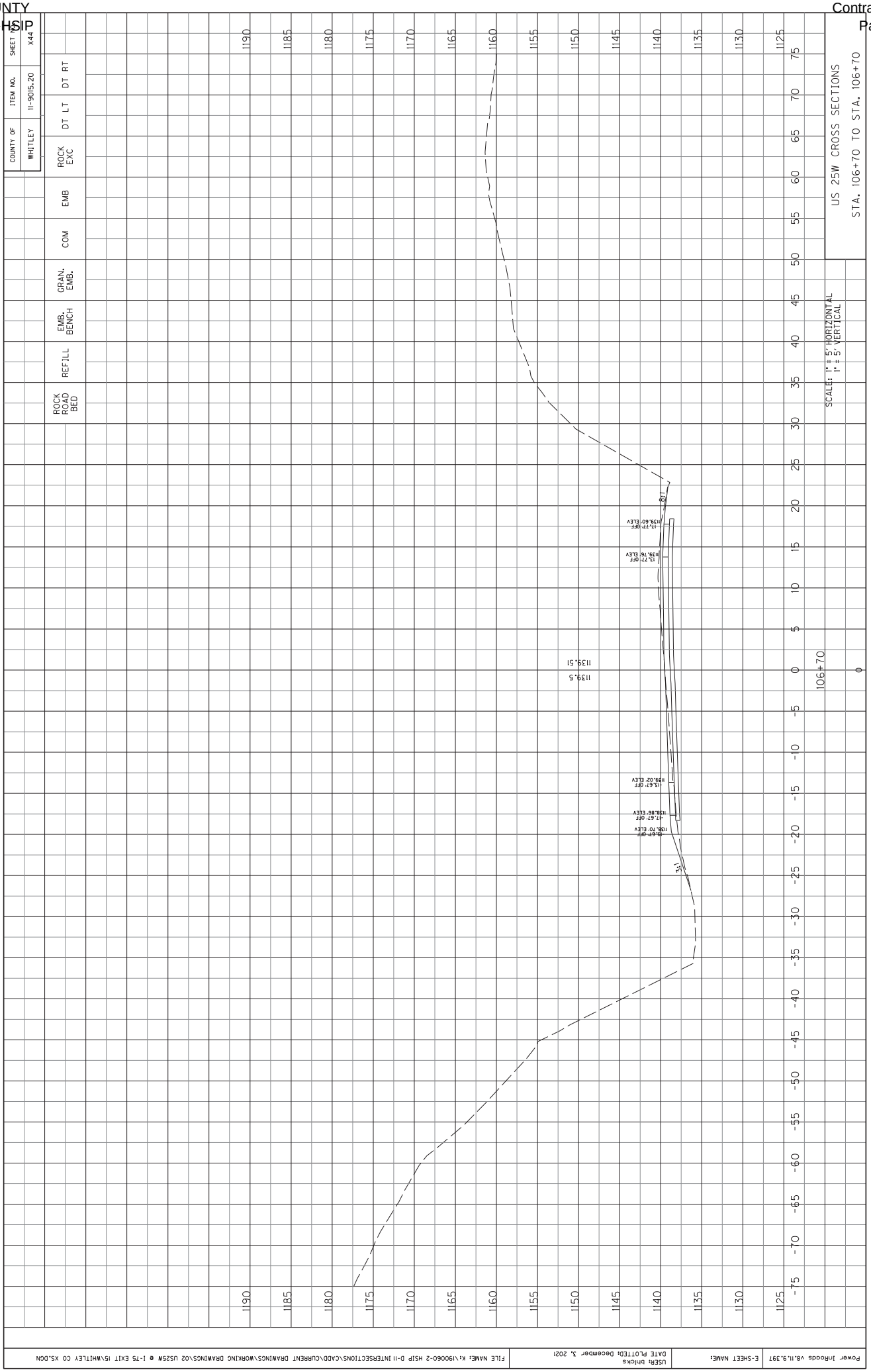

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X39
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 106+20 TO STA. 106+20
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130
1125
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
106+20
1139.18
1138.7
3:1
20.90' OFF
1138.79' ELEV
16.20' OFF
1138.98' ELEV
4.06' OFF
1139.33' ELEV
3.20' OFF
1139.08' ELEV
-1.68' OFF
1139.10' ELEV
-2.43' OFF
1138.86' ELEV
-14.45' OFF
1138.61' ELEV
-18.46' OFF
1138.45' ELEV
-20.46' OFF
1138.28' ELEV

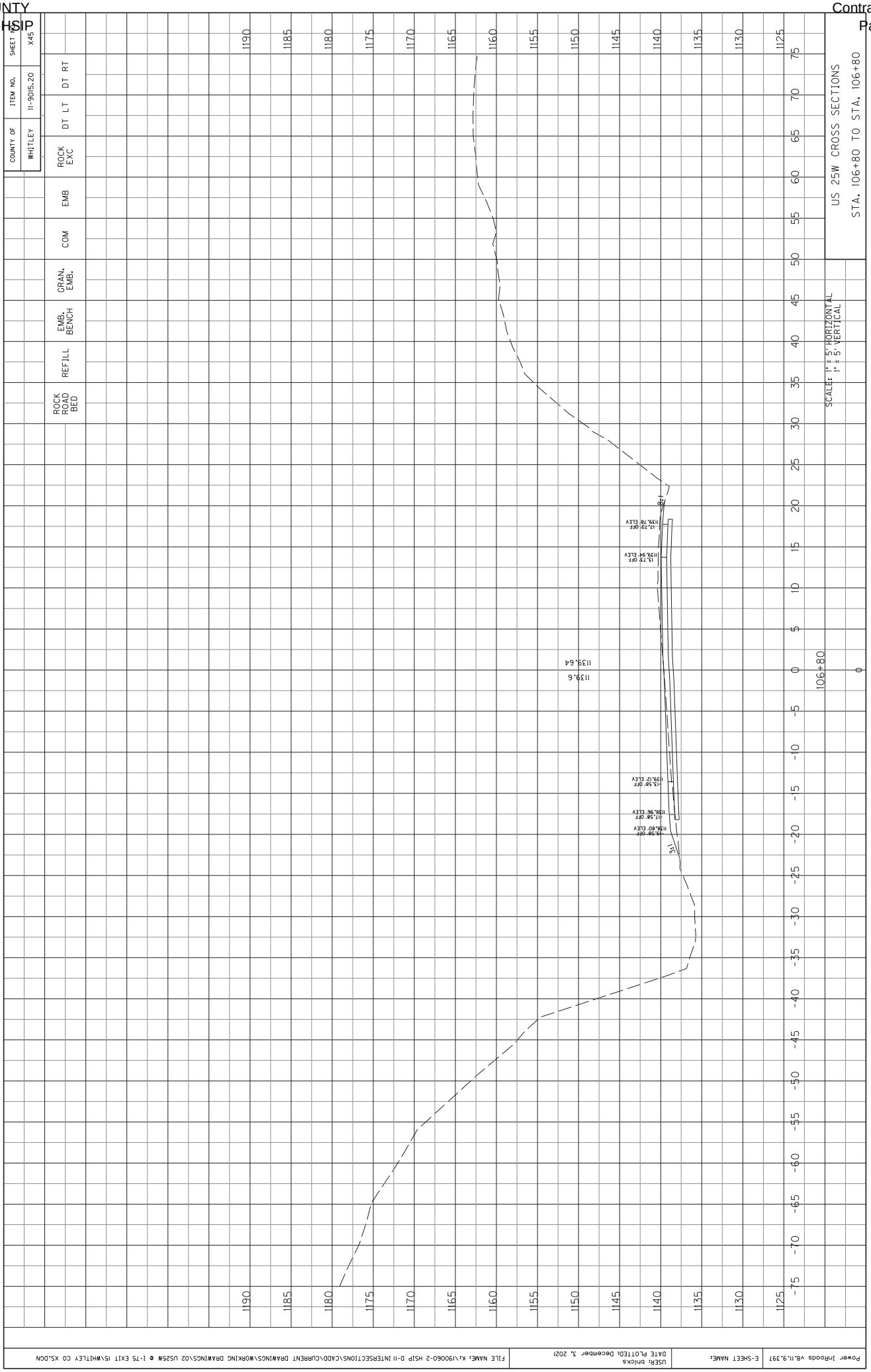

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X40
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 106+30 TO STA. 106+30
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1139.23
1138.9
106+30
3:1
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

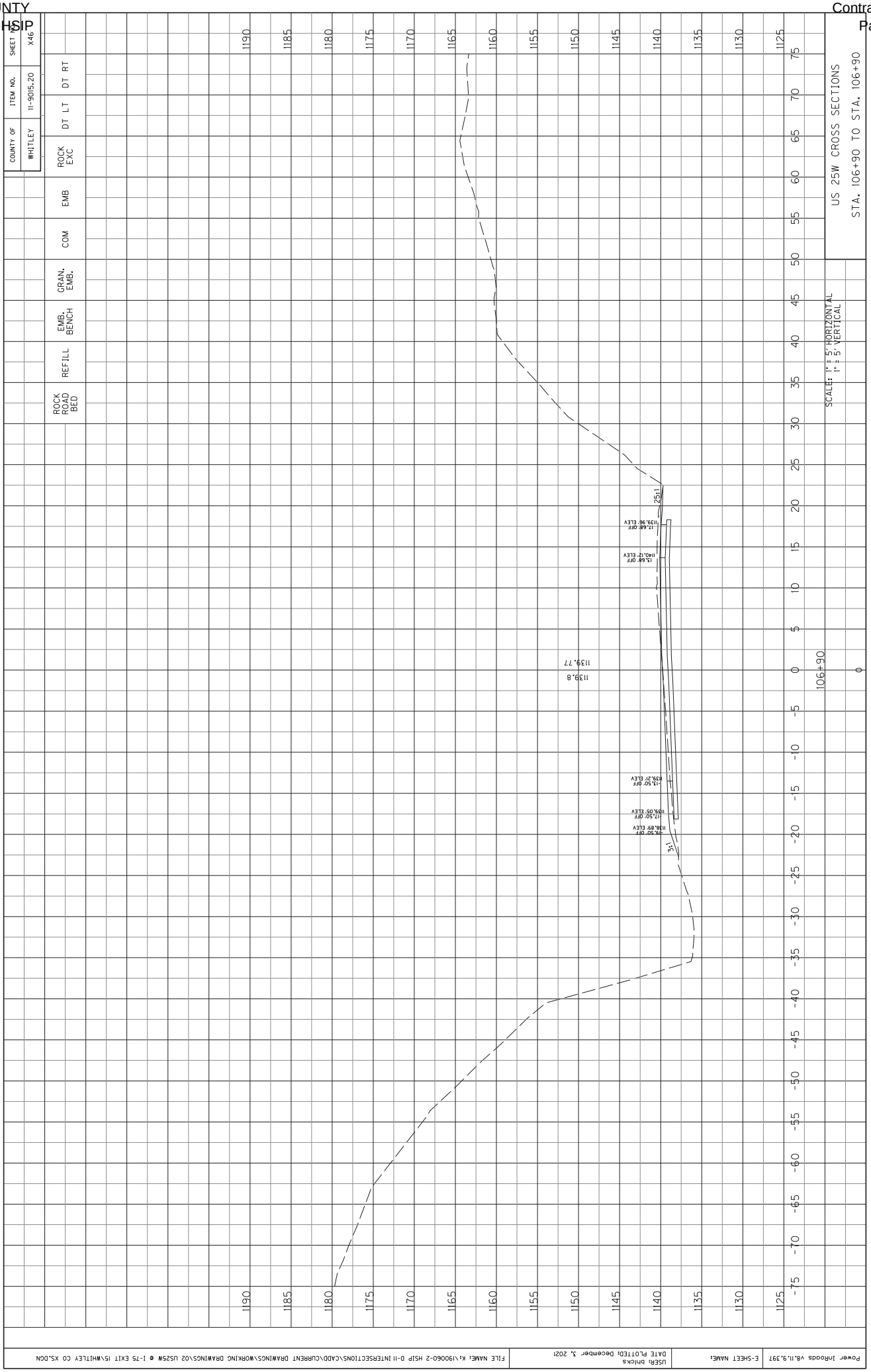

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X41
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 106+40 TO STA. 106+40
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130
1125
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
106+40
0
1139.12
1139.1
3:1
1400
-19.99' OFF
1138.41' ELEV
-17.99' OFF
1136.47' ELEV
-13.99' OFF
1138.17' ELEV
13.99' OFF
1139.22' ELEV
18.19' OFF
1139.05' ELEV
30.20' OFF
1138.99' ELEV
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

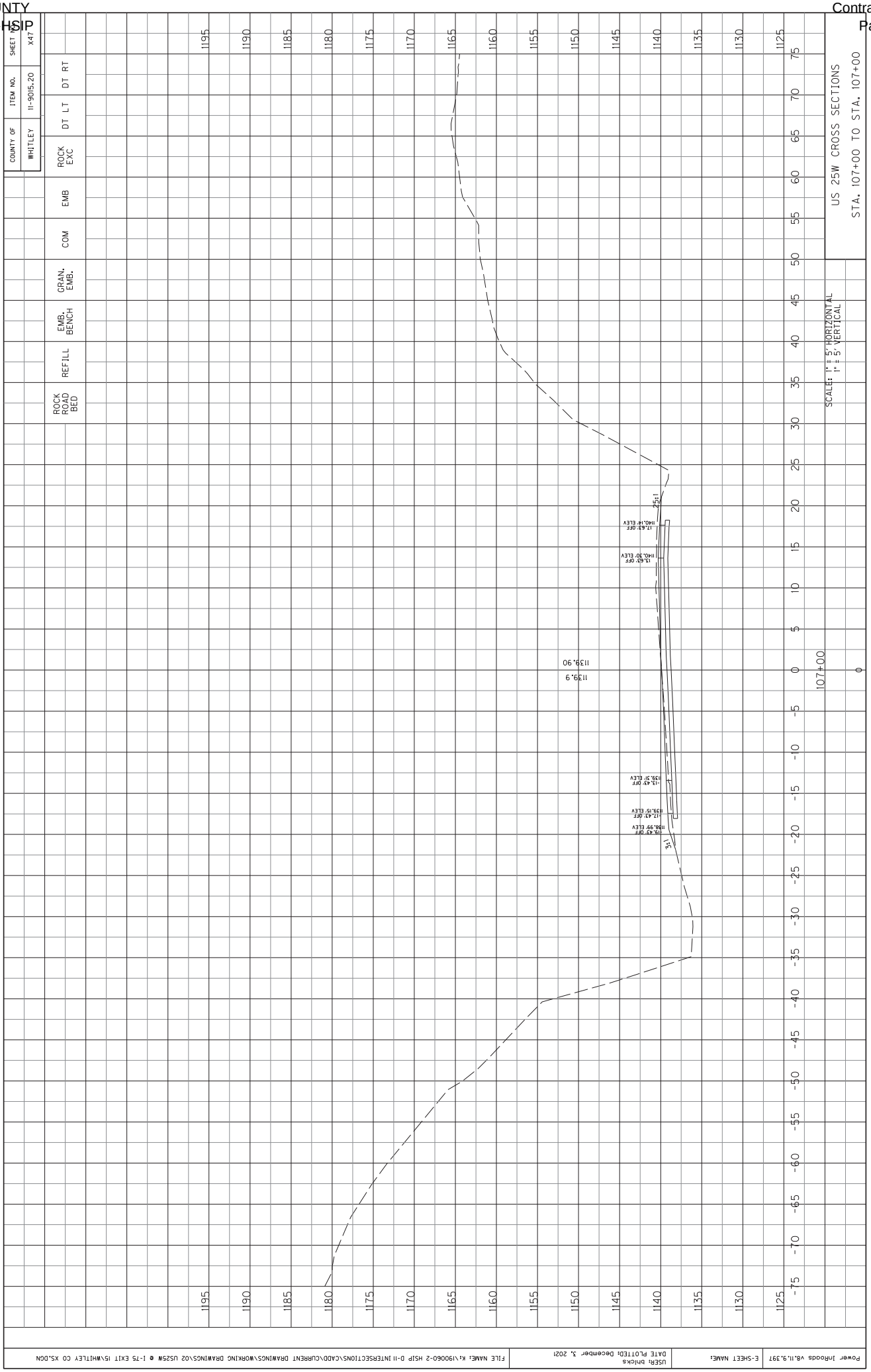

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X42
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 106+50 TO STA. 106+50
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1139.25
1139.2
106+50
3:1
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130
1125
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75

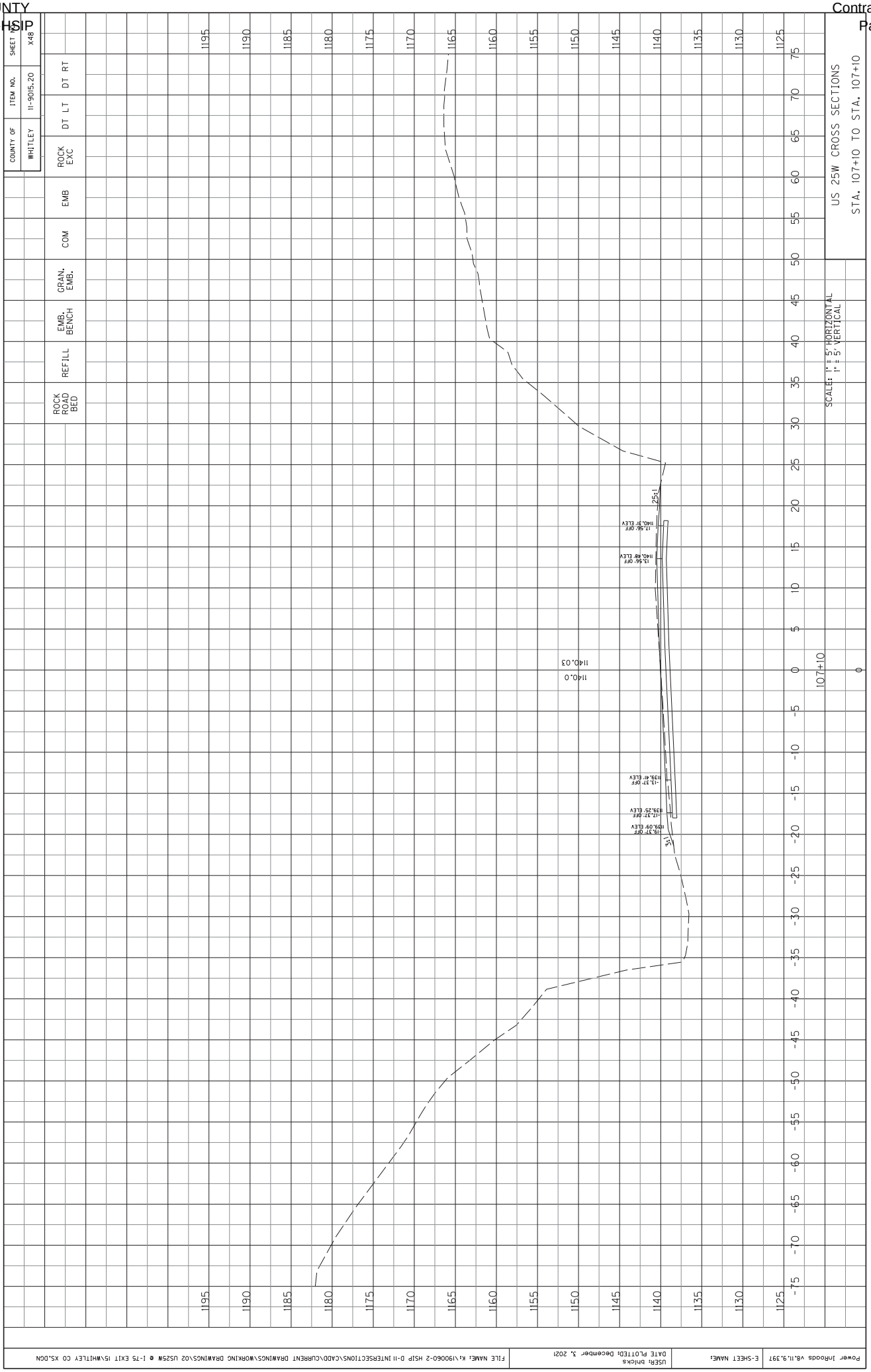

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X43
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 106+60 TO STA. 106+60
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
106+60
1139.38
1139.4
4:1
3:1
15.80' OFF
1139.58' ELEV
-19.76' OFF
1138.97' ELEV
-7.76' OFF
1138.77' ELEV
-19.26' OFF
1138.61' ELEV
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

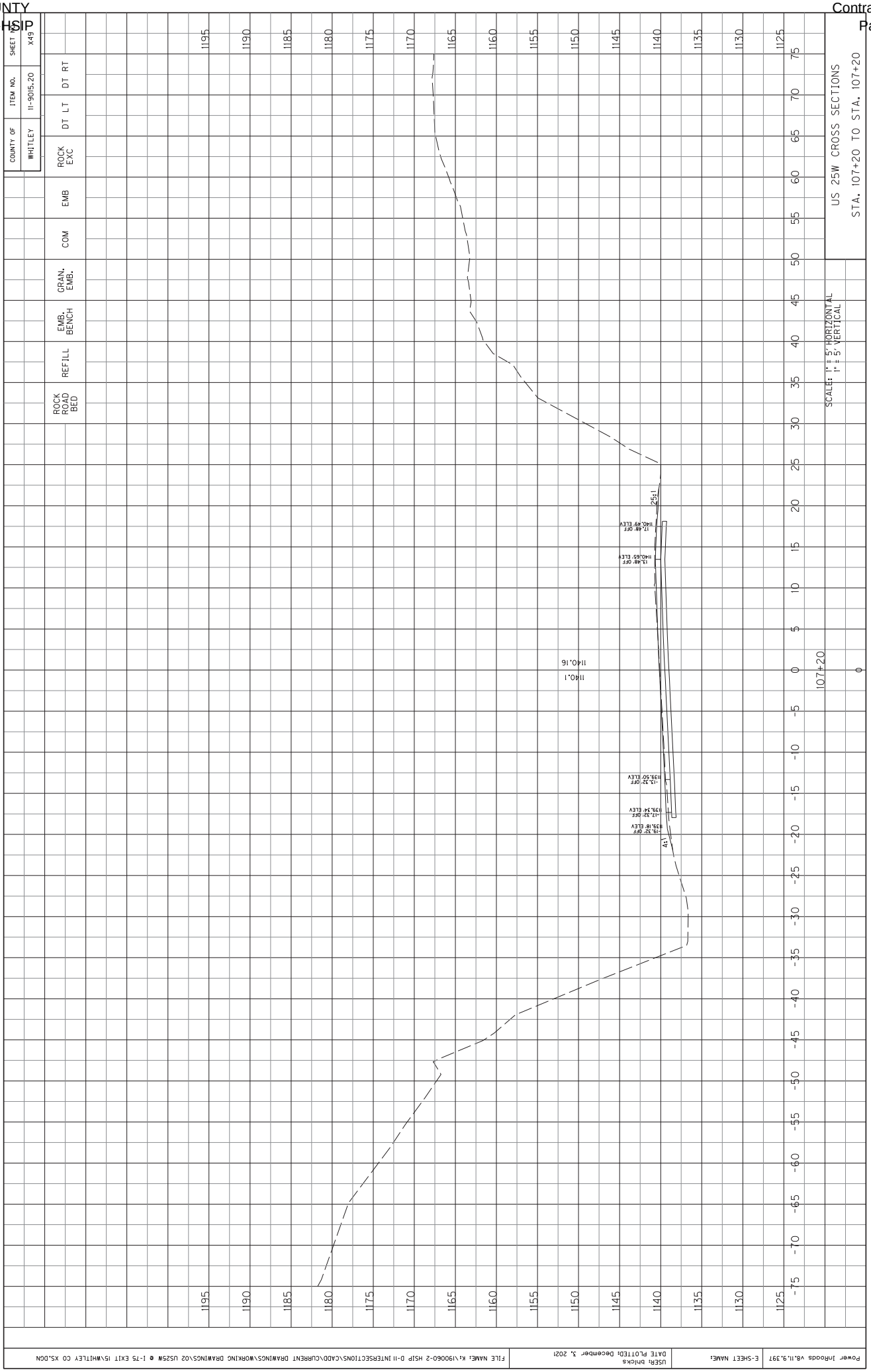

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X44
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 106+70 TO STA. 106+70
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
106+70
1139.5
1139.51
BT
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130
1125
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75

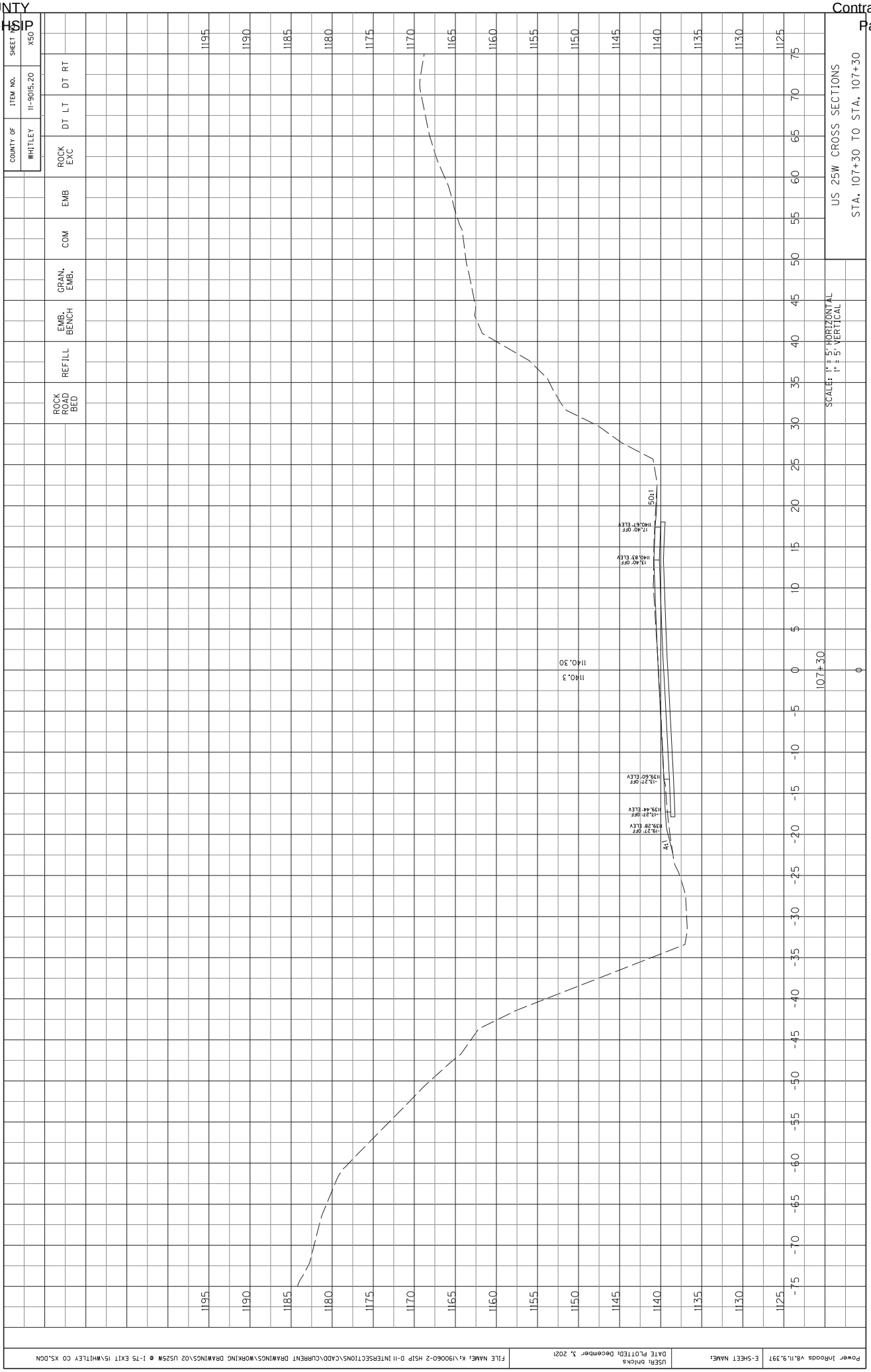

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X45
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 106+80 TO STA. 106+80
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130
1125
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
106+80
0
1139.64
1139.6
1:1
1:1
15.77' OFF
1139.94' ELEV
17.73' OFF
1139.78' ELEV
11.59' OFF
1139.12' ELEV
17.58' OFF
1138.96' ELEV
19.98' OFF
1138.80' ELEV
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

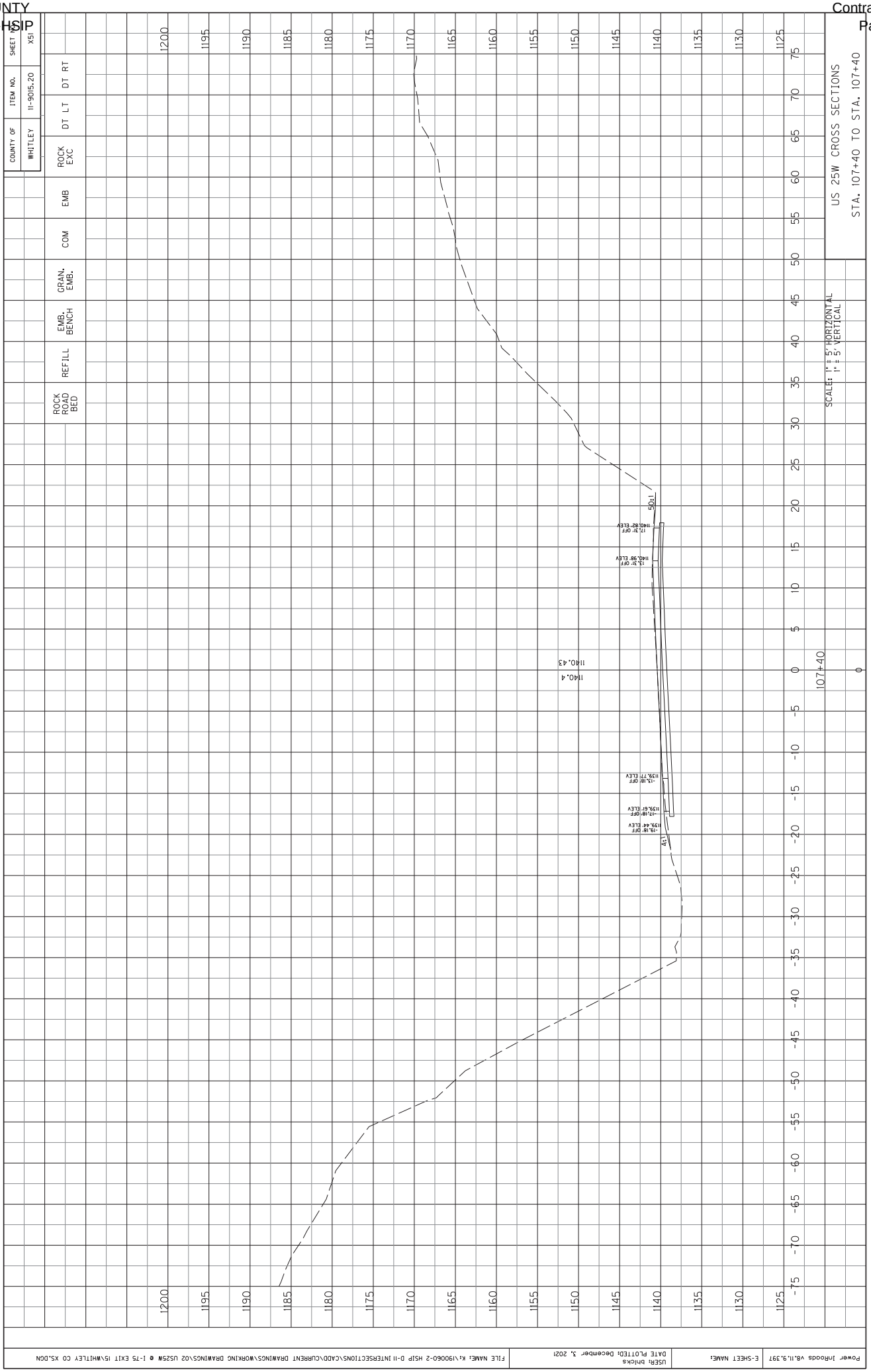

SHEET NO. X46
ITEM NO. 11-9015.20
COUNTY OF WHITLEY
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 106+90 TO STA. 106+90
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
106+90
1139.8
1139.77
2:1
3:1
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130
1125
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75

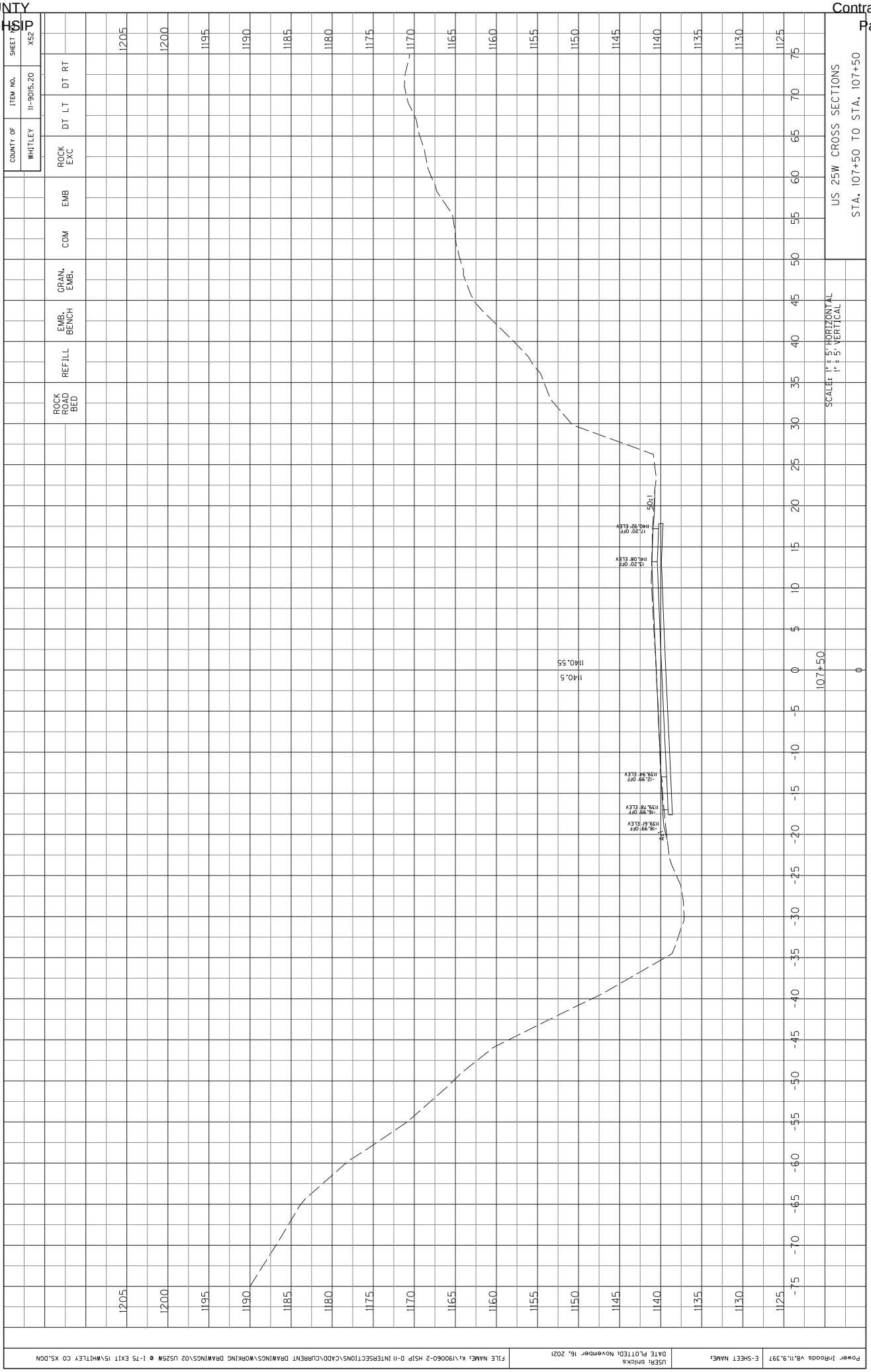

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X47
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 107+00 TO STA. 107+00
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
107+00
1139.90
1139.9
3:1
1:1
13.43' OFF
1138.99' ELEV
17.43' OFF
1139.15' ELEV
13.43' OFF
1139.37' ELEV
13.63' OFF
1140.30' ELEV
17.63' OFF
1140.14' ELEV

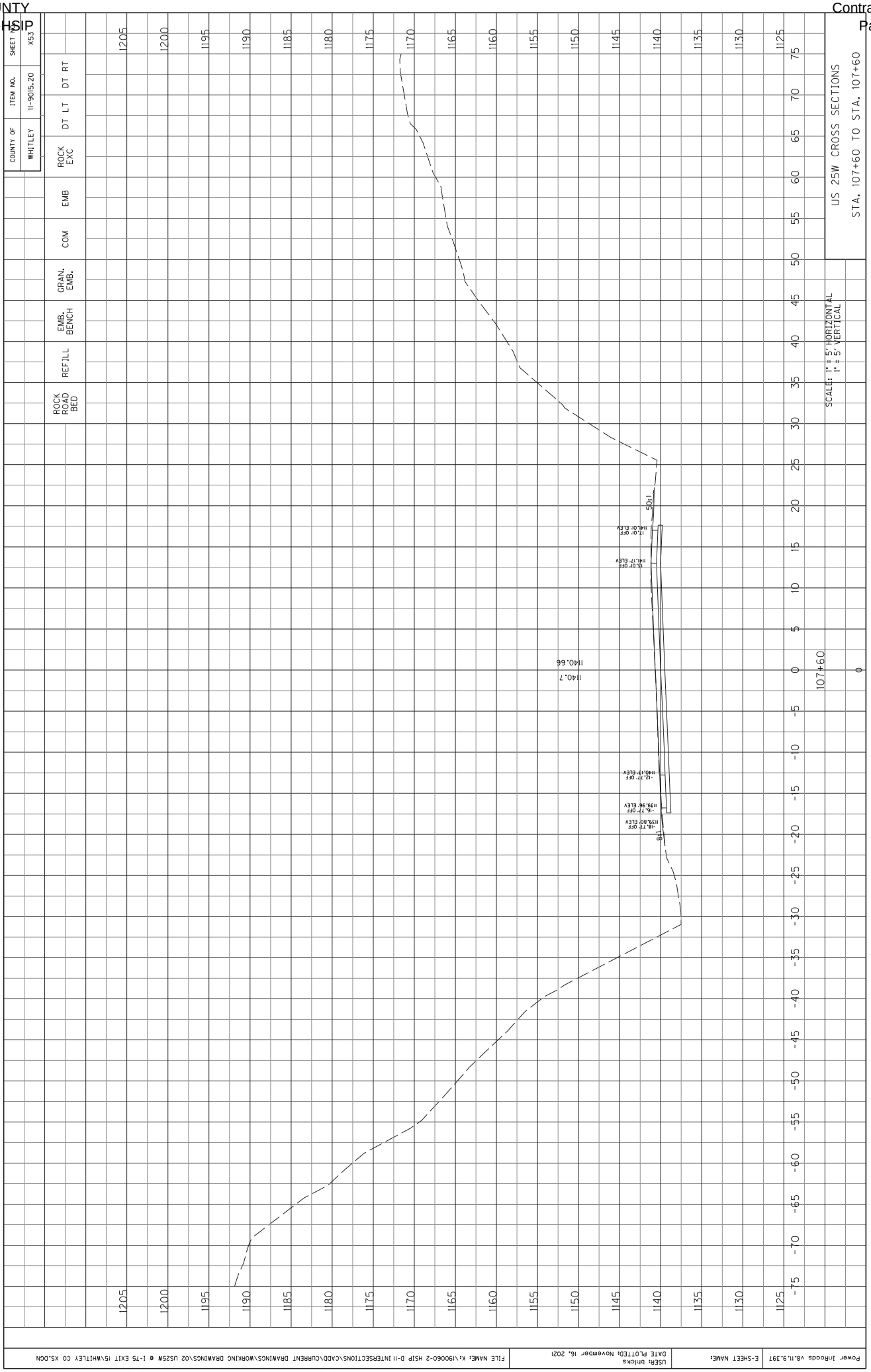

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X48
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 107+10 TO STA. 107+10
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1140.0
1140.03
107+10
25+1
17.56' OFF
1140.51' ELEV
15.56' OFF
1140.48' ELEV
-13.37' OFF
1139.41' ELEV
-17.37' OFF
1139.29' ELEV
-19.37' OFF
1139.09' ELEV
3:1
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

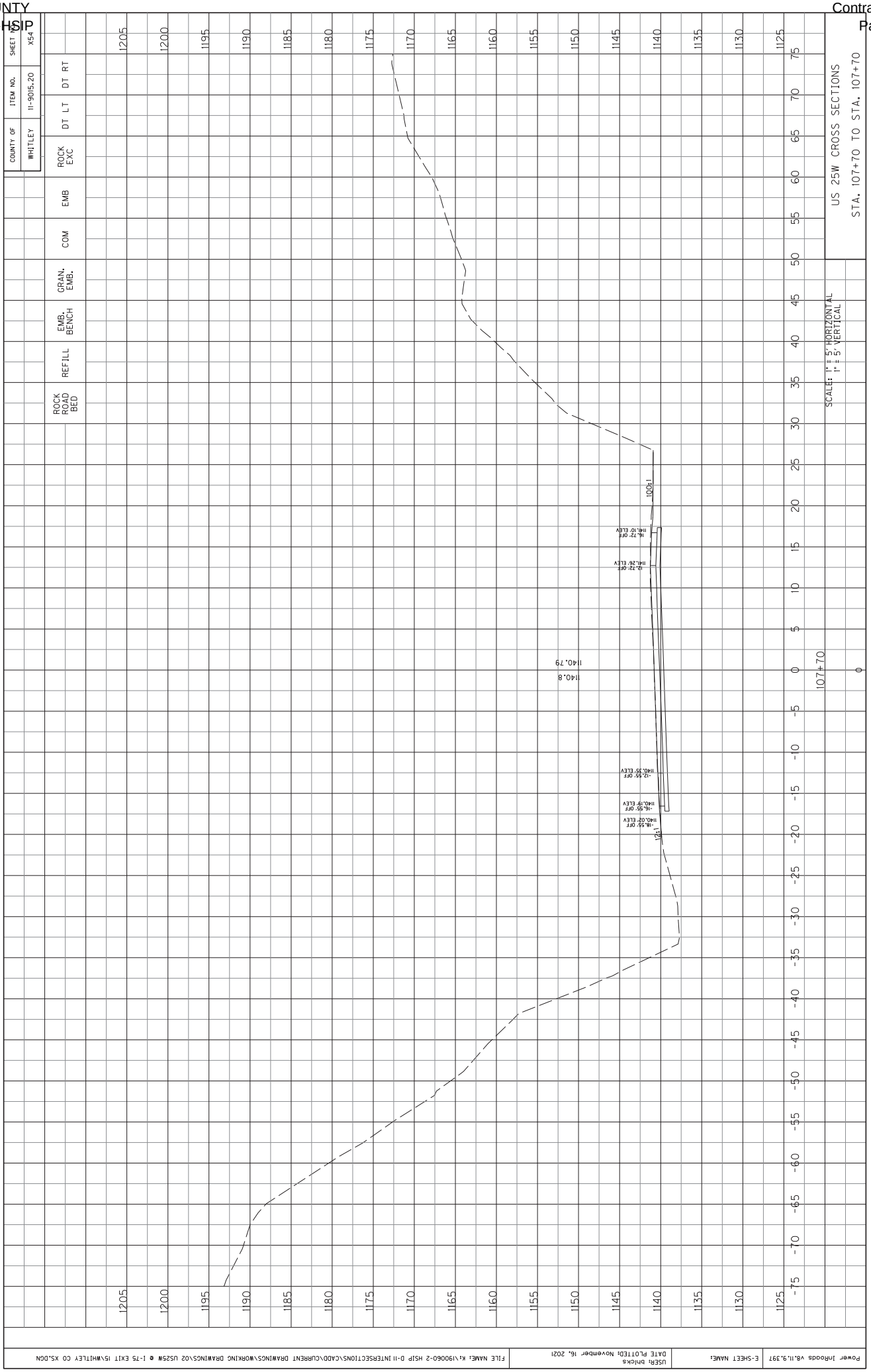

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X49
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 107+20 TO STA. 107+20
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
107+20
1140.1
1140.16
25.41
17.48' OFF
1140.49' ELEV
13.48' OFF
1140.65' ELEV
-13.32' OFF
1139.50' ELEV
-11.32' OFF
1139.34' ELEV
-9.32' OFF
1139.18' ELEV
4:1
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

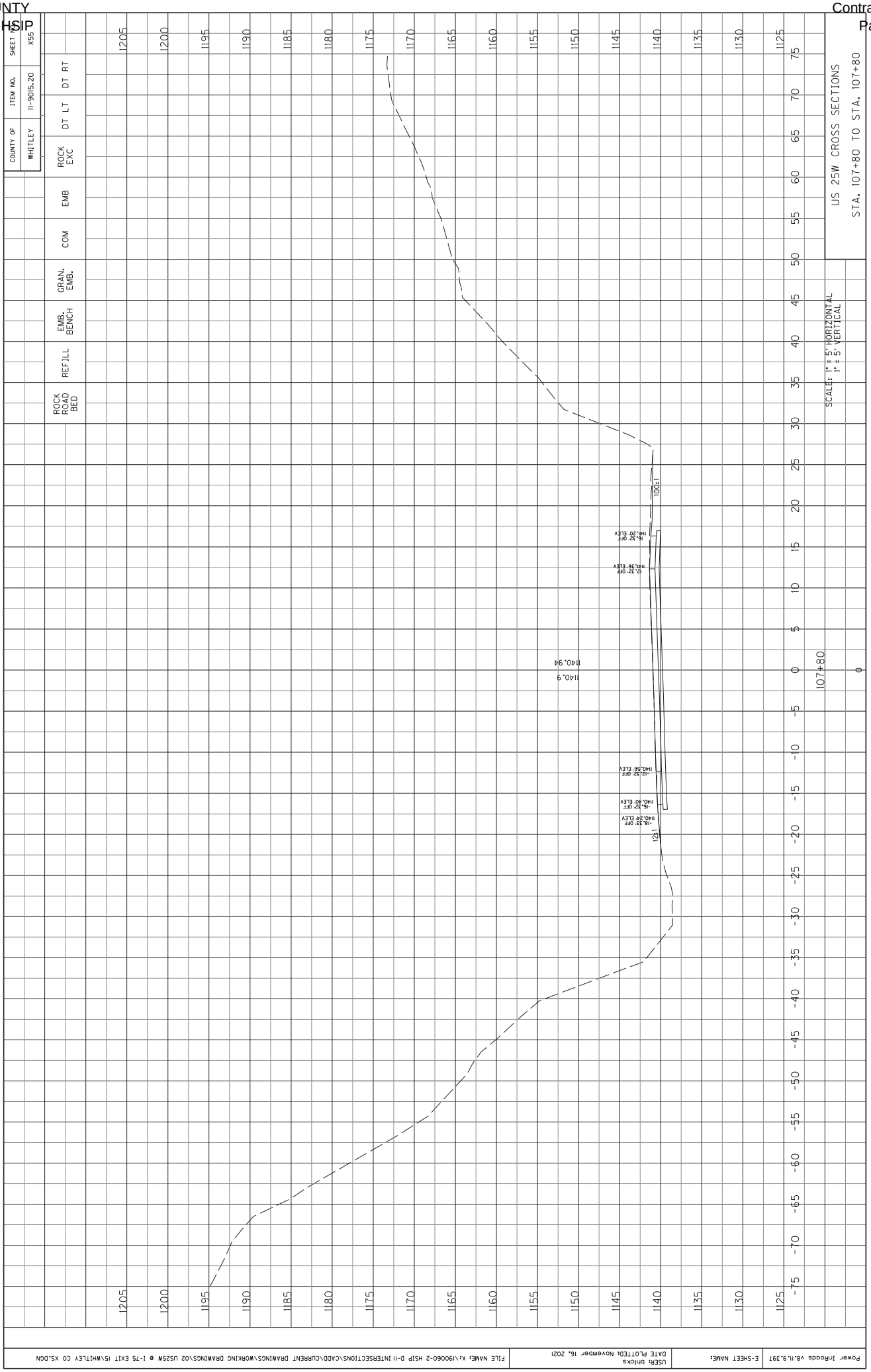

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X50
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 107+30 TO STA. 107+30
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
107+30
1140.30
1140.3
50:1
4:1
17.40' OFF
1140.67' ELEV
13.40' OFF
1140.83' ELEV
-13.27' OFF
1139.60' ELEV
-13.27' OFF
1139.44' ELEV
-13.27' OFF
1139.28' ELEV
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

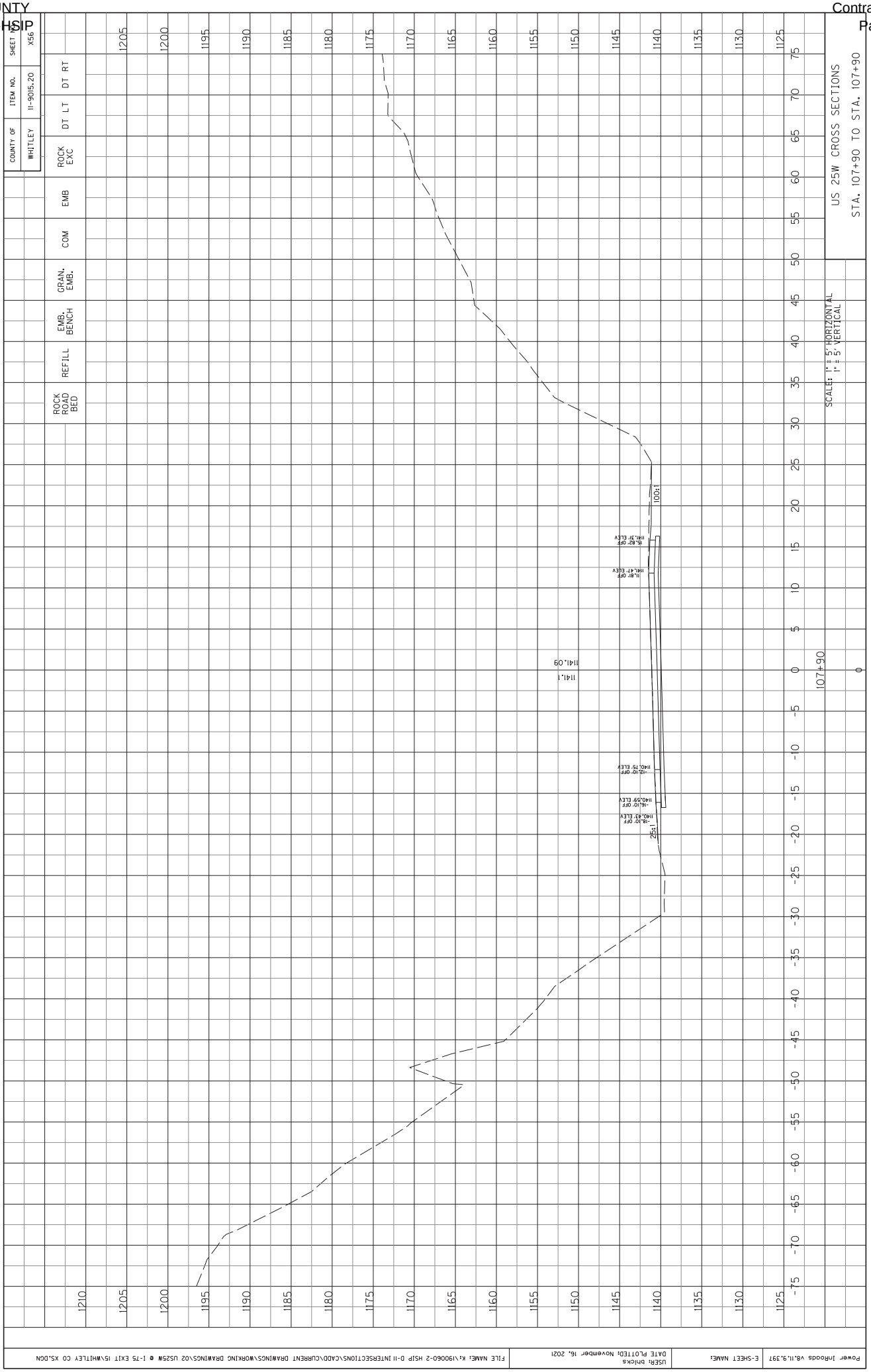

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. XS1
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 107+40 TO STA. 107+40
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
107+40
1140.43
1140.4
50:1
41'
1200
1195
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130
1125
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75

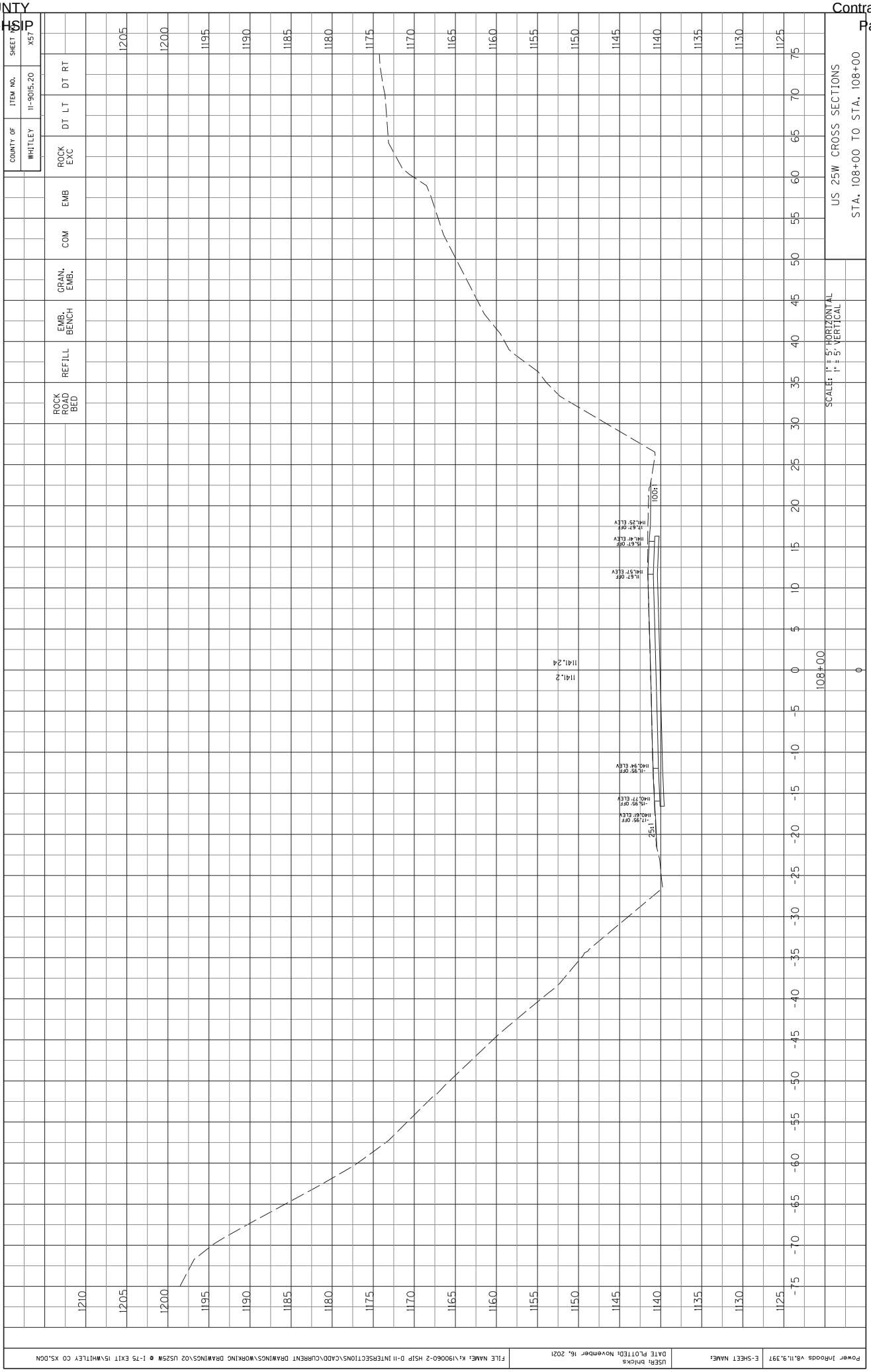

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X52
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 107+50 TO STA. 107+50
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1140.5
1140.55
107+50
50:1
4:1
17.20' OFF
1140.92' ELEV
15.20' OFF
1141.08' ELEV
-12.99' OFF
1139.94' ELEV
-16.99' OFF
1135.78' ELEV
-18.99' OFF
1139.61' ELEV

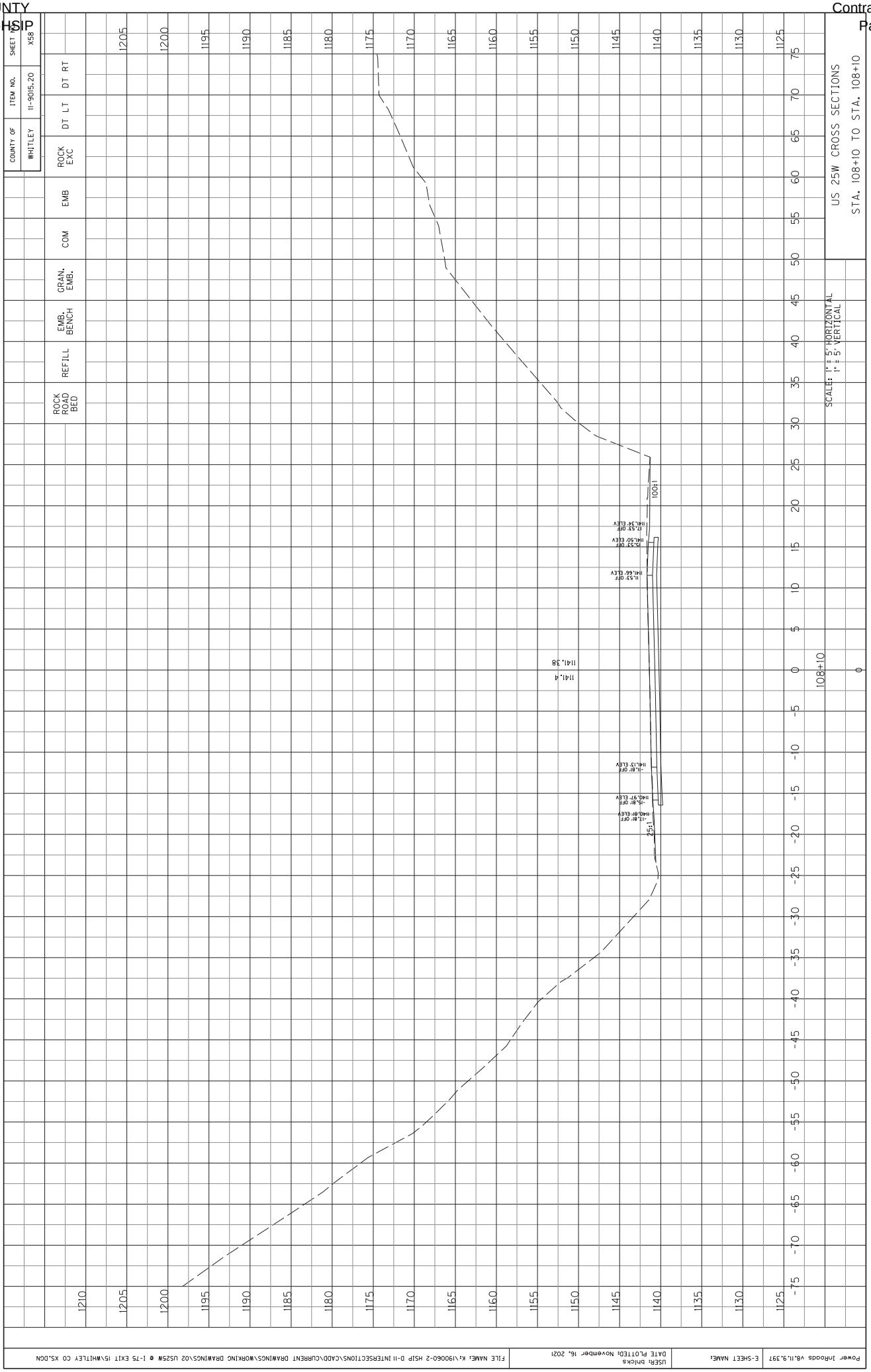

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X53
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 107+60 TO STA. 107+60
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1205
1200
1195
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130
1125
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
107+60
0
1140.7
1140.66
1:0.5
1:1.8
17.0' OFF
1146.0' ELEV
15.0' OFF
1141.7' ELEV
-12.77' OFF
1140.13' ELEV
-16.77' OFF
1139.98' ELEV
-18.77' OFF
1139.80' ELEV
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

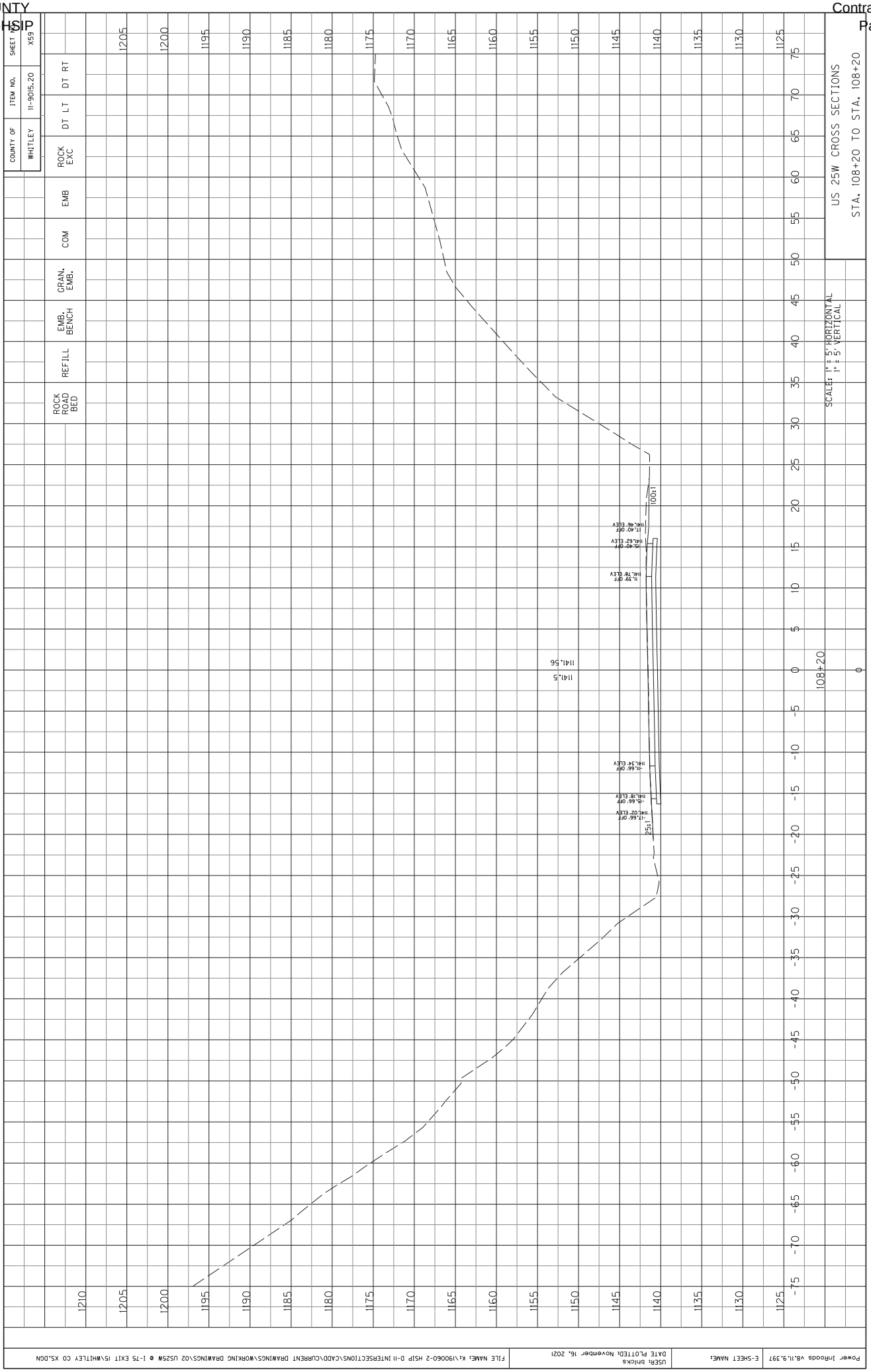

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X54
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 107+70 TO STA. 107+70
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
107+70
140.79
140.8
1:00
1:21
16.72' OFF
1141.10' ELEV
12.72' OFF
1141.26' ELEV
-13.55' OFF
1140.35' ELEV
-16.55' OFF
1140.19' ELEV
-18.55' OFF
1140.02' ELEV
1205
1200
1195
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130
1125
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75

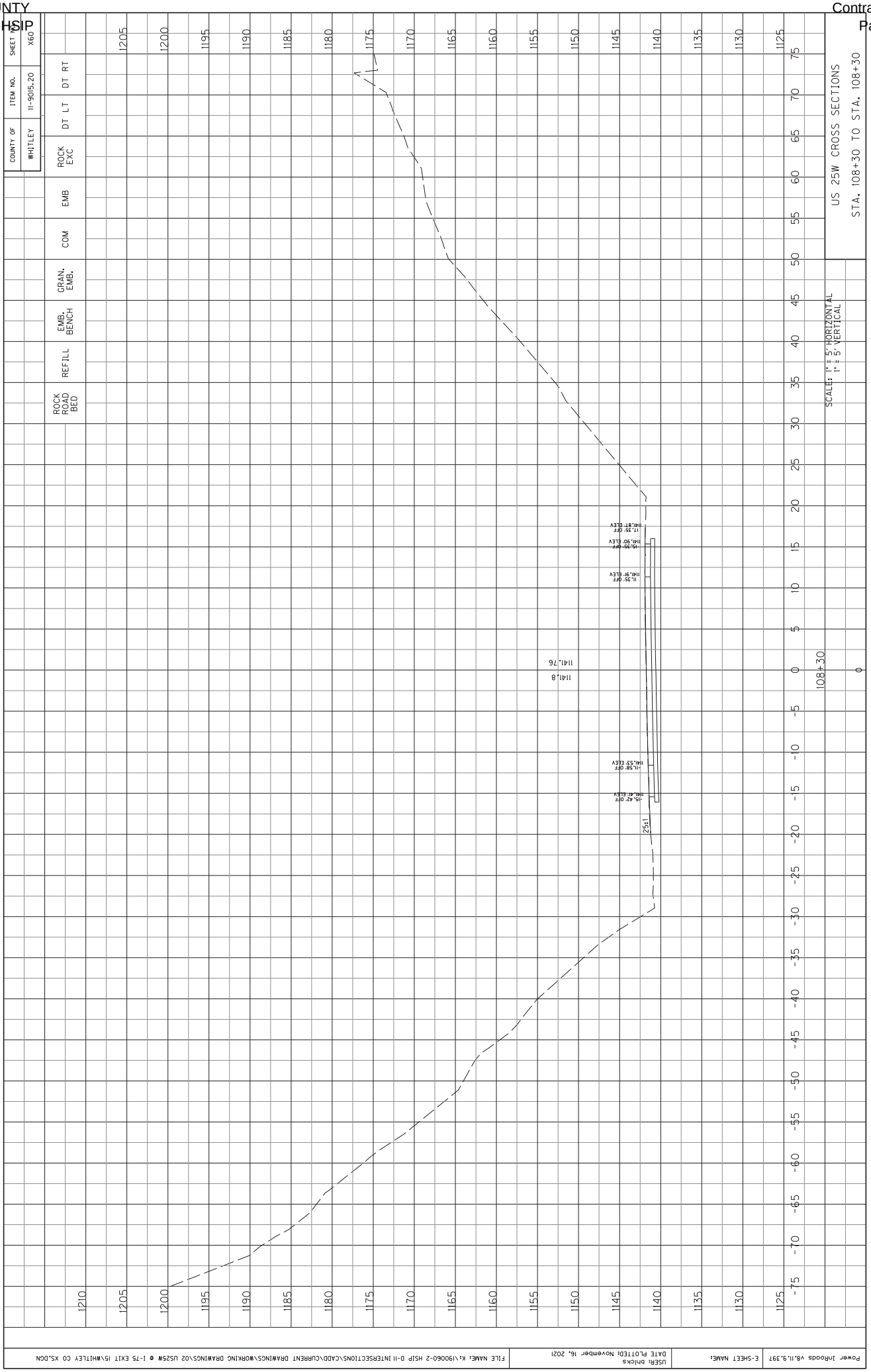

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X55
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 107+80 TO STA. 107+80
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
107+80
140.94
140.9
100±
12±
16.32' OFF
1141.20' ELEV
12.32' OFF
1140.36' ELEV
-12.32' OFF
1140.56' ELEV
-16.32' OFF
1140.40' ELEV
-18.32' OFF
1140.24' ELEV
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

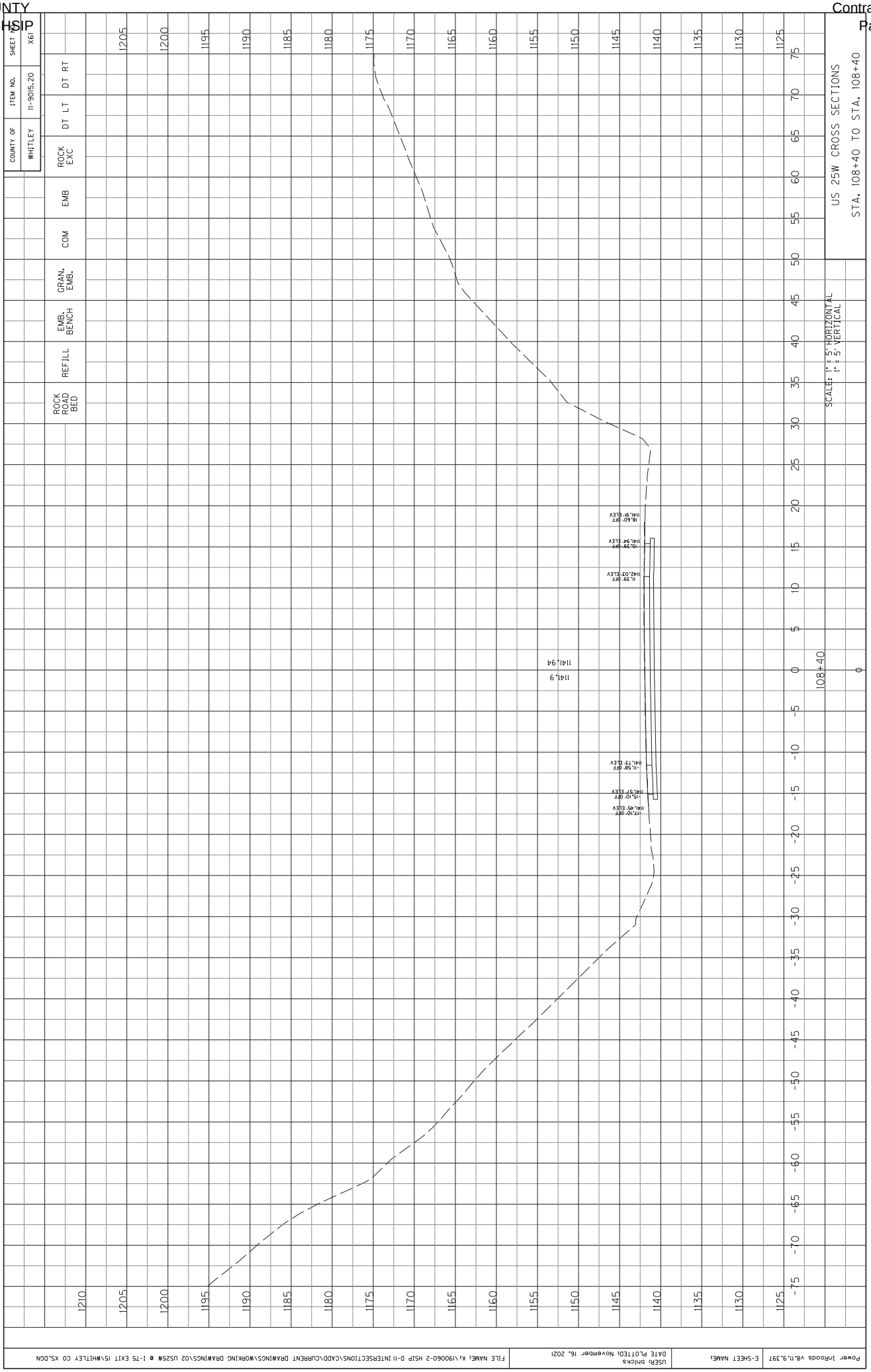

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X56
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 107+90 TO STA. 107+90
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
107+90
1141.09
1141.1
100:1
25:1
-18.10' OFF
1140.43' ELEV
-14.10' OFF
1140.59' ELEV
-12.10' OFF
1140.75' ELEV
11.81' OFF
1141.47' ELEV
15.82' OFF
1141.31' ELEV
Power InRoads V8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

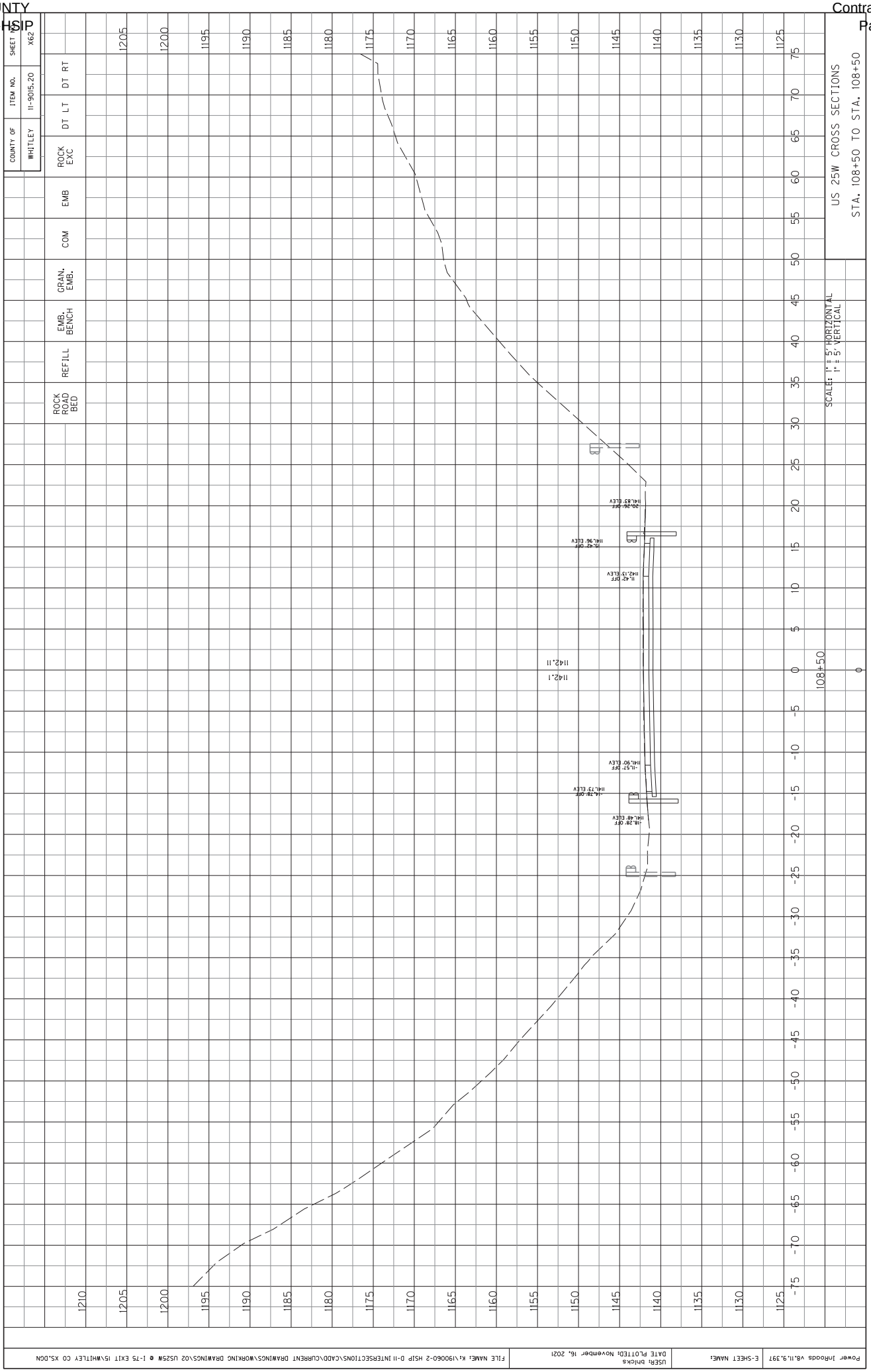

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X57
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 108+00 TO STA. 108+00
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
108+00
1141.24
1141.2
1:00
1:52
11.67' OFF
1141.57' ELEV
15.67' OFF
1141.47' ELEV
17.67' OFF
1141.27' ELEV
15.95' OFF
1140.94' ELEV
16.95' OFF
1140.77' ELEV
17.95' OFF
1140.61' ELEV

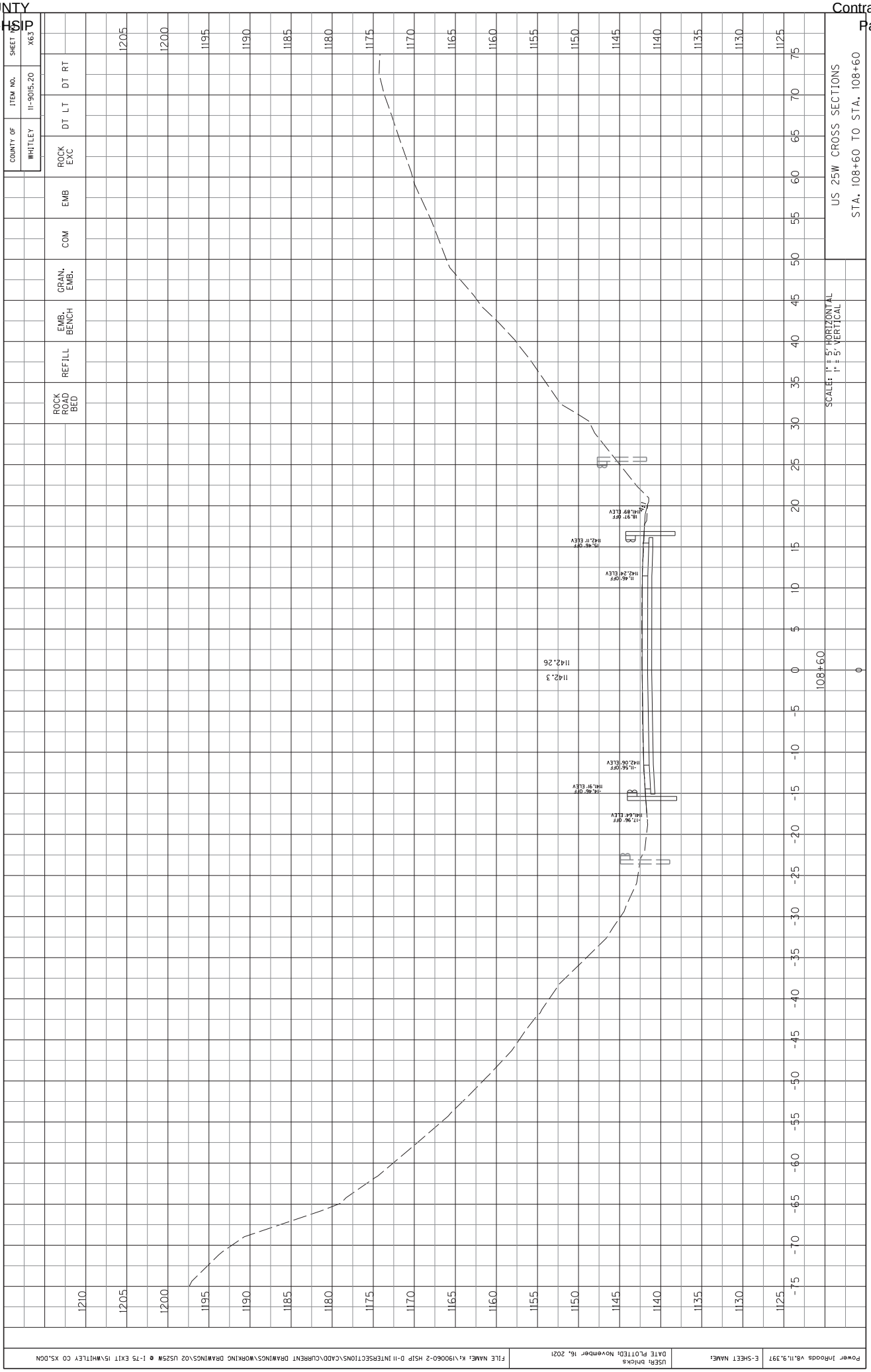

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X58
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 108+10 TO STA. 108+10
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
108+10
114.38
114.4
100:1
25:1
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

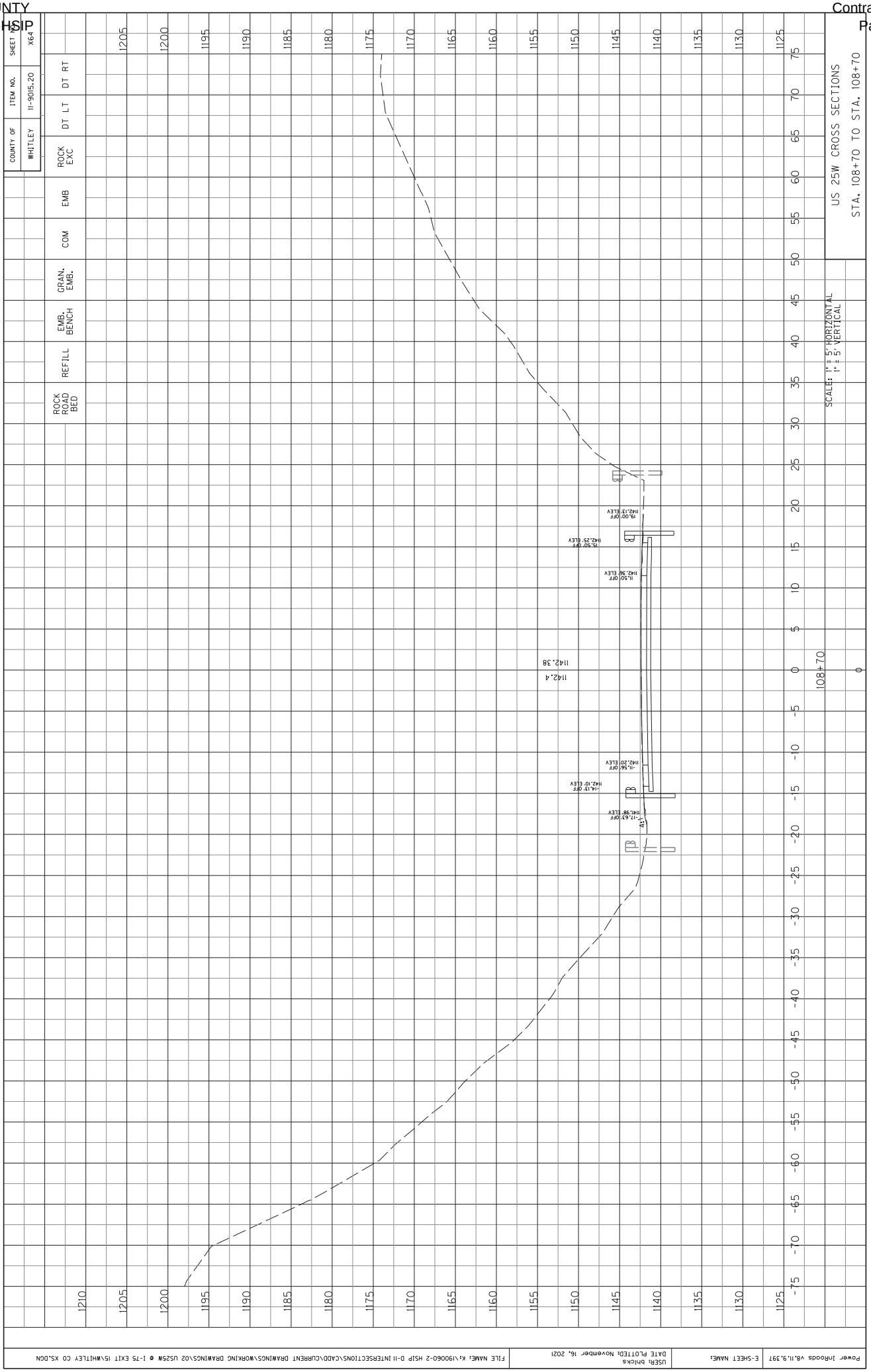

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X59
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 108+20 TO STA. 108+20
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1141.56
1141.5
108+20
1:001
1:25:1
17.40' OFF
1141.62' ELEV
19.90' OFF
1141.78' ELEV
11.39' OFF
1141.46' ELEV
-11.66' OFF
1141.34' ELEV
-15.66' OFF
1141.18' ELEV
-17.66' OFF
1141.02' ELEV

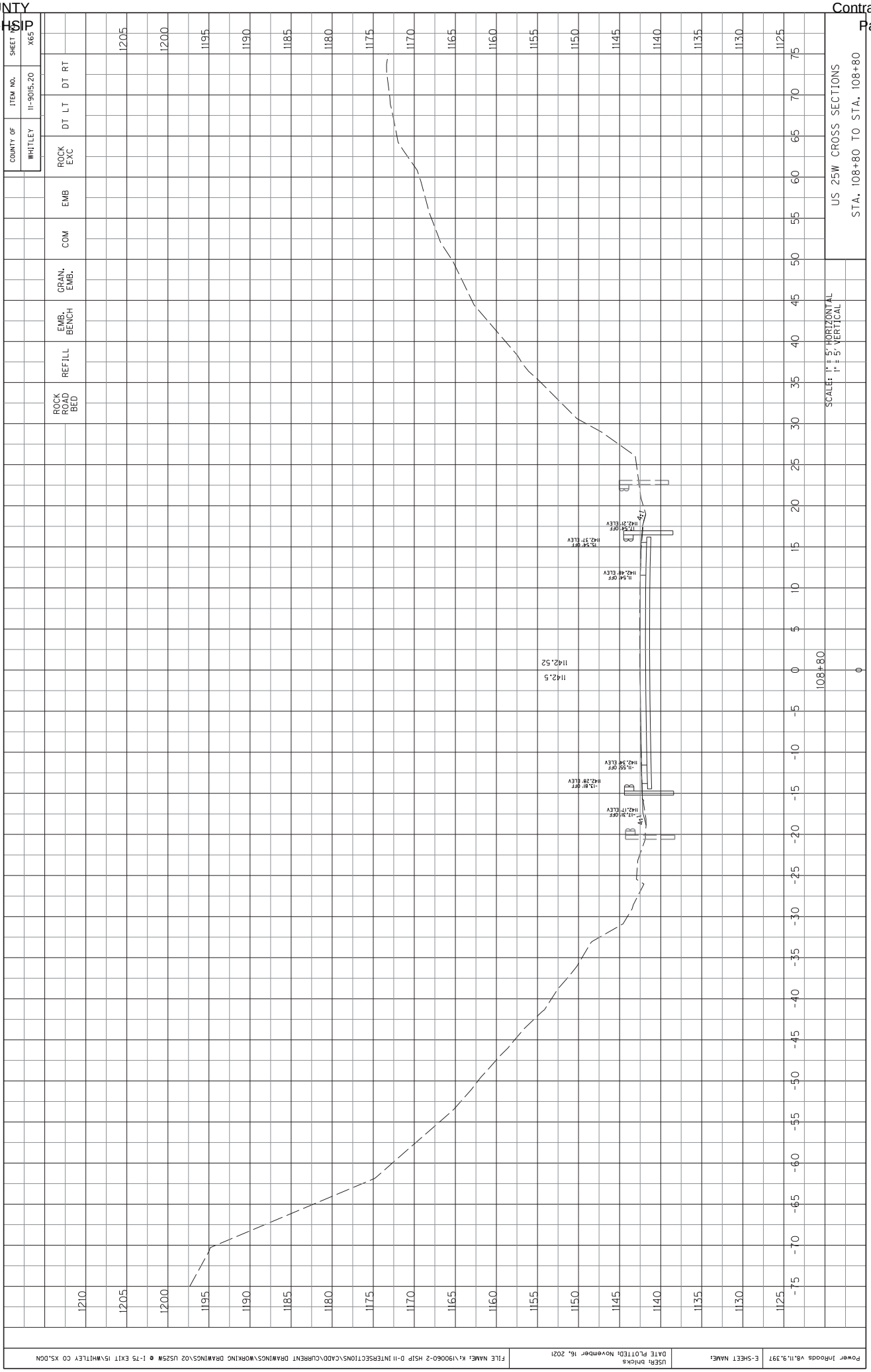

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X60
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 108+30 TO STA. 108+30
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
108+30
1141.8
1141.76
25:1
-15.42' OFF
1141.41' ELEV
-11.58' OFF
1141.53' ELEV
11.35' OFF
1141.91' ELEV
19.99' OFF
1141.90' ELEV
17.35' OFF
1141.87' ELEV
FILE NAME: K:\1900060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN
USER: bhicks
DATE PLOTTED: November 16, 2021
E-SHEET NAME:
Power InRoads v8.11.9.397

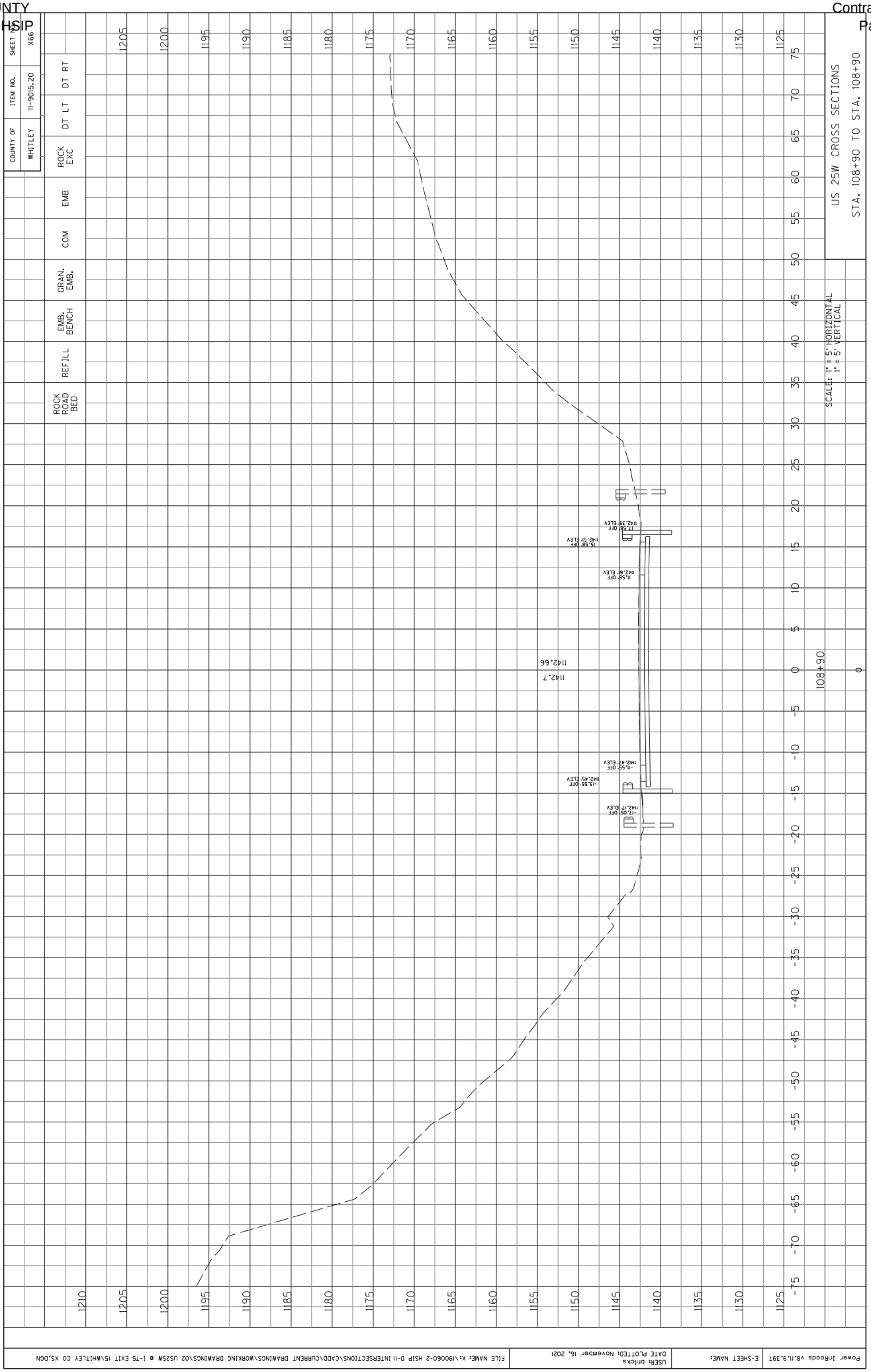

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X61
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 108+40 TO STA. 108+40
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
108+40
1141.94
1141.9
18.60' OFF
1141.94' ELEV
19.99' OFF
1141.94' ELEV
11.59' OFF
1142.03' ELEV
-11.58' OFF
1141.73' ELEV
-15.10' OFF
1141.37' ELEV
-17.70' OFF
1141.45' ELEV
1210
1205
1200
1195
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130
1125
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

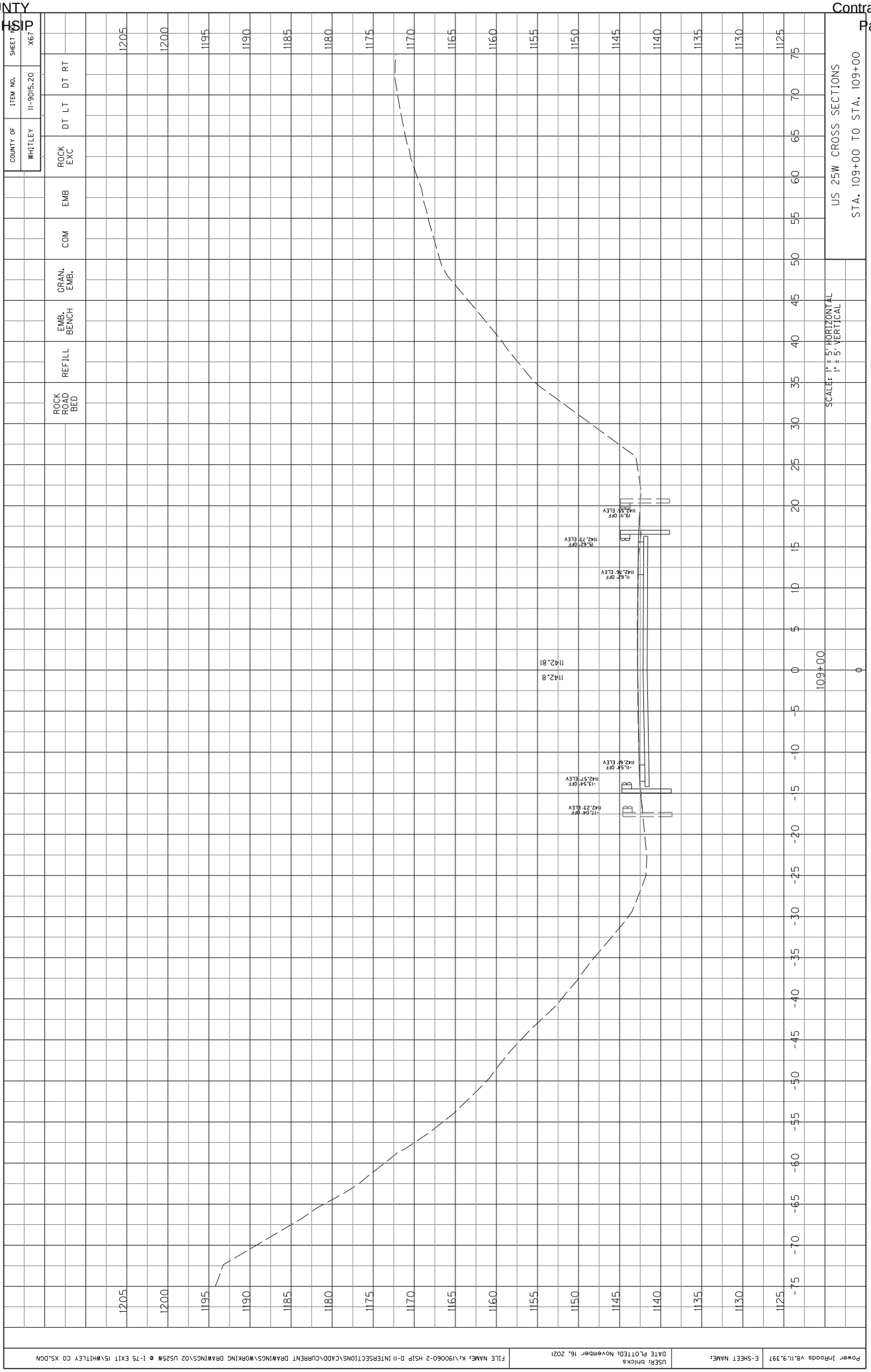

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X62
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 108+50 TO STA. 108+50
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
108+50
1142.1
1142.11
FILL
CB
20.36' OFF
1141.83' ELEV
15.42' OFF
1141.96' ELEV
11.42' OFF
1142.13' ELEV
-11.57' OFF
1141.90' ELEV
-16.78' OFF
1141.73' ELEV
-18.28' OFF
1141.48' ELEV
1210
1205
1200
1195
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130
1125
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75

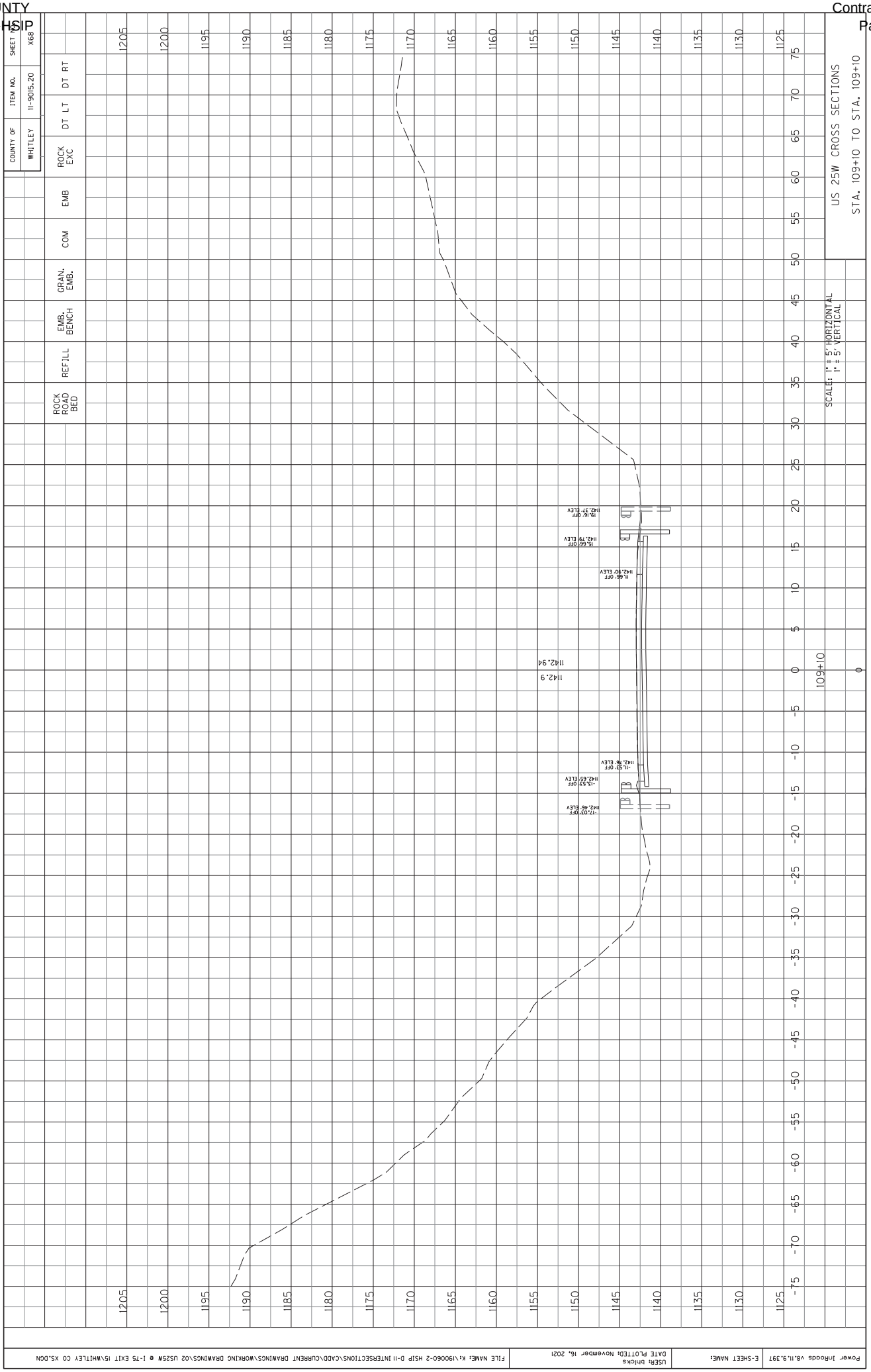

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X63
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 108+60 TO STA. 108+60
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1142.26
1142.3
108+60
0
1210
1205
1200
1195
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130
1125
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75

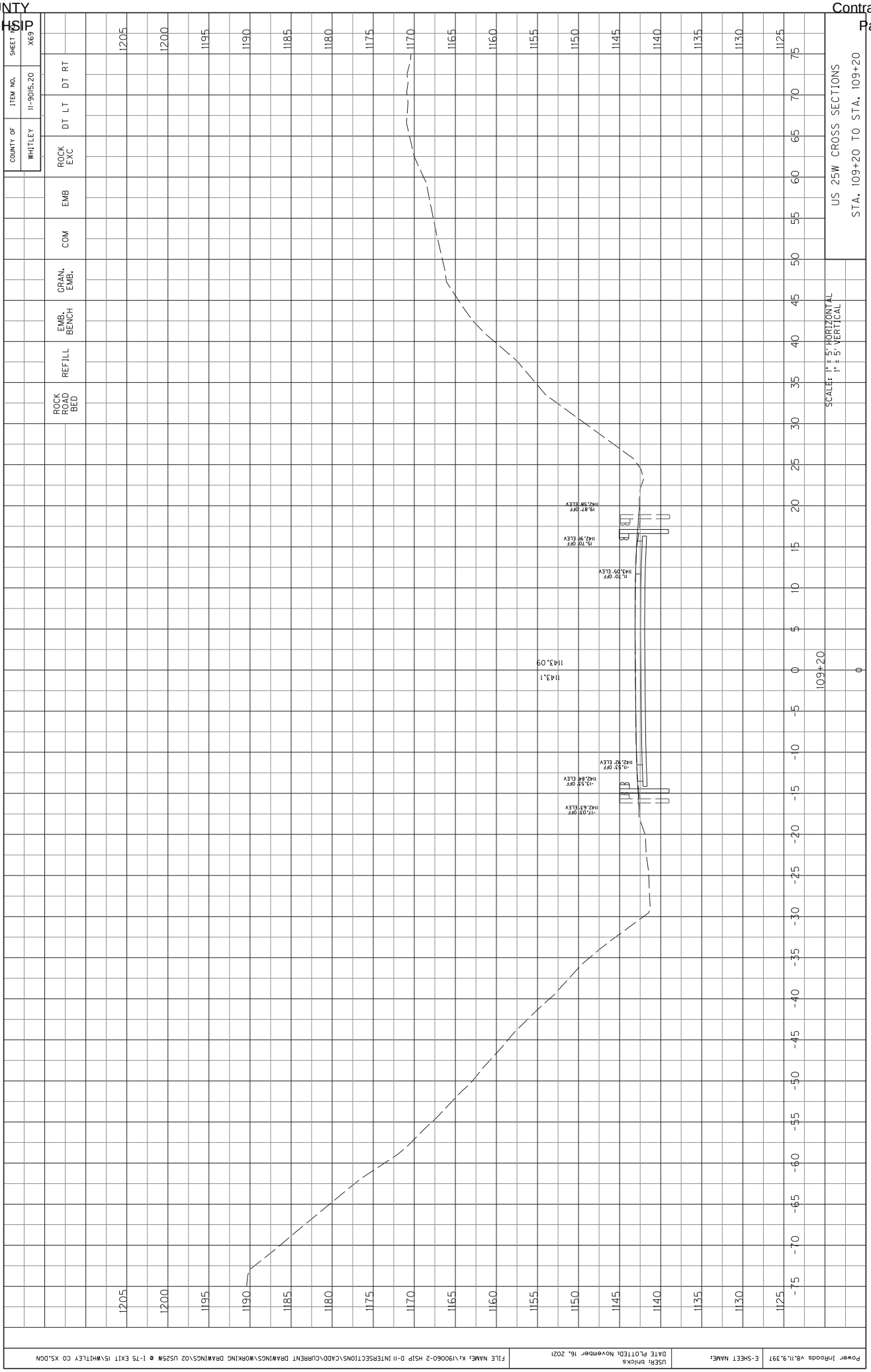

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X64
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 108+70 TO STA. 108+70
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
108+70
1142.4
1142.38
1142.36' ELEV
11.50' OFF
1142.25' ELEV
15.50' OFF
1142.13' ELEV
19.00' OFF
1142.20' ELEV
-11.56' OFF
1142.10' ELEV
-14.13' OFF
1141.98' ELEV
-17.63' OFF
4:1
1210
1205
1200
1195
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130
1125
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75

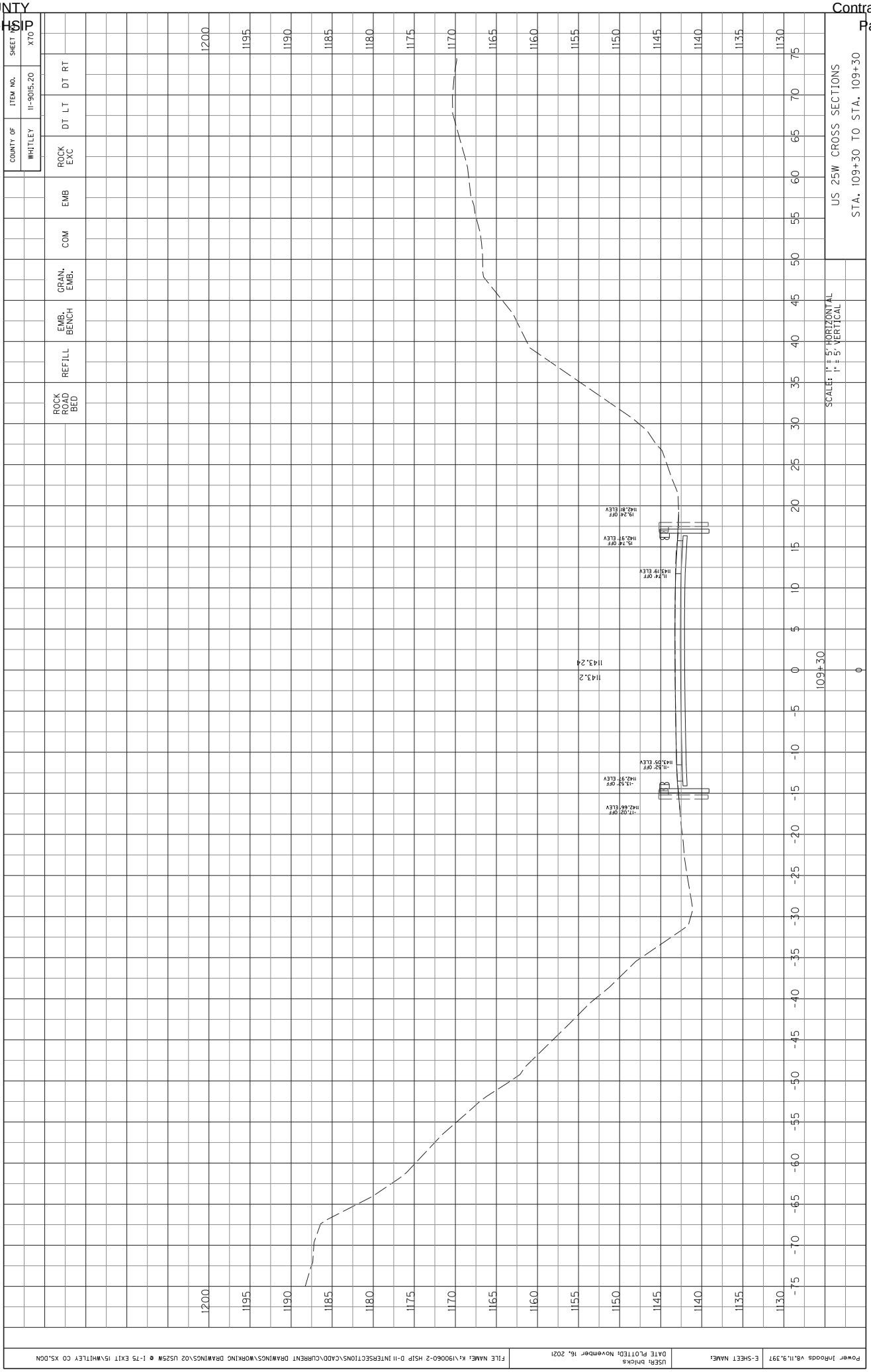

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X65
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 108+80 TO STA. 108+80
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
108+80
1142.52
1142.5
4:1
4:1
11.54' OFF
1142.48' ELEV
15.54' OFF
1142.37' ELEV
11.54' OFF
1142.21' ELEV
11.55' OFF
1142.36' ELEV
13.81' OFF
1142.28' ELEV
12.31' OFF
1142.17' ELEV
1210
1205
1200
1195
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130
1125
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
Power InRoads V8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

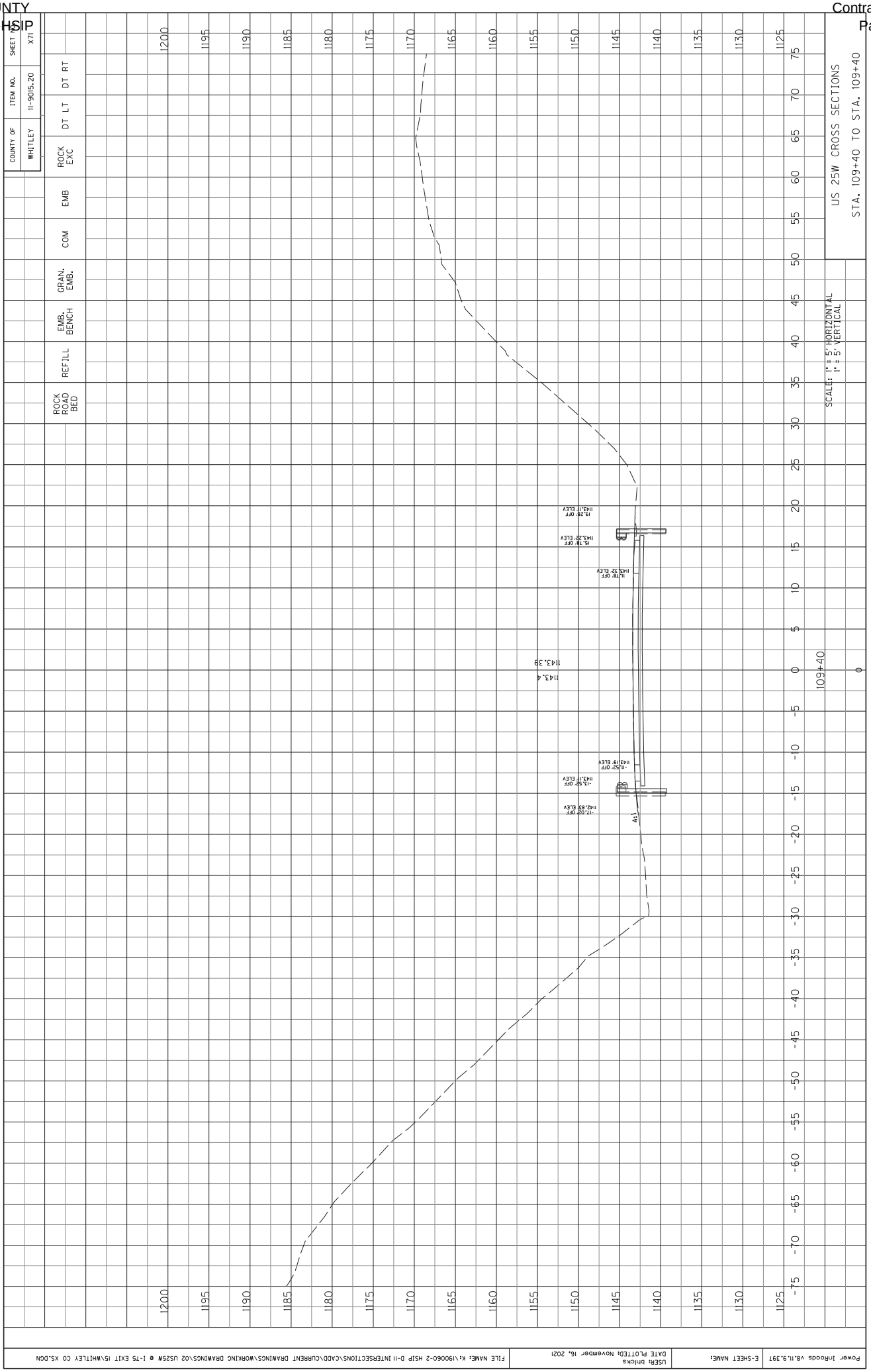

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X66
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 108+90 TO STA. 108+90
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
108+90
1142.66
1142.7
11.56' OFF
1142.67' ELEV
-11.55' OFF
1142.47' ELEV
-13.55' OFF
1142.49' ELEV
-11.05' OFF
1142.17' ELEV
15.98' OFF
1142.51' ELEV
17.98' OFF
1142.39' ELEV
FILL
CUT
1210
1205
1200
1195
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130
1125
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75

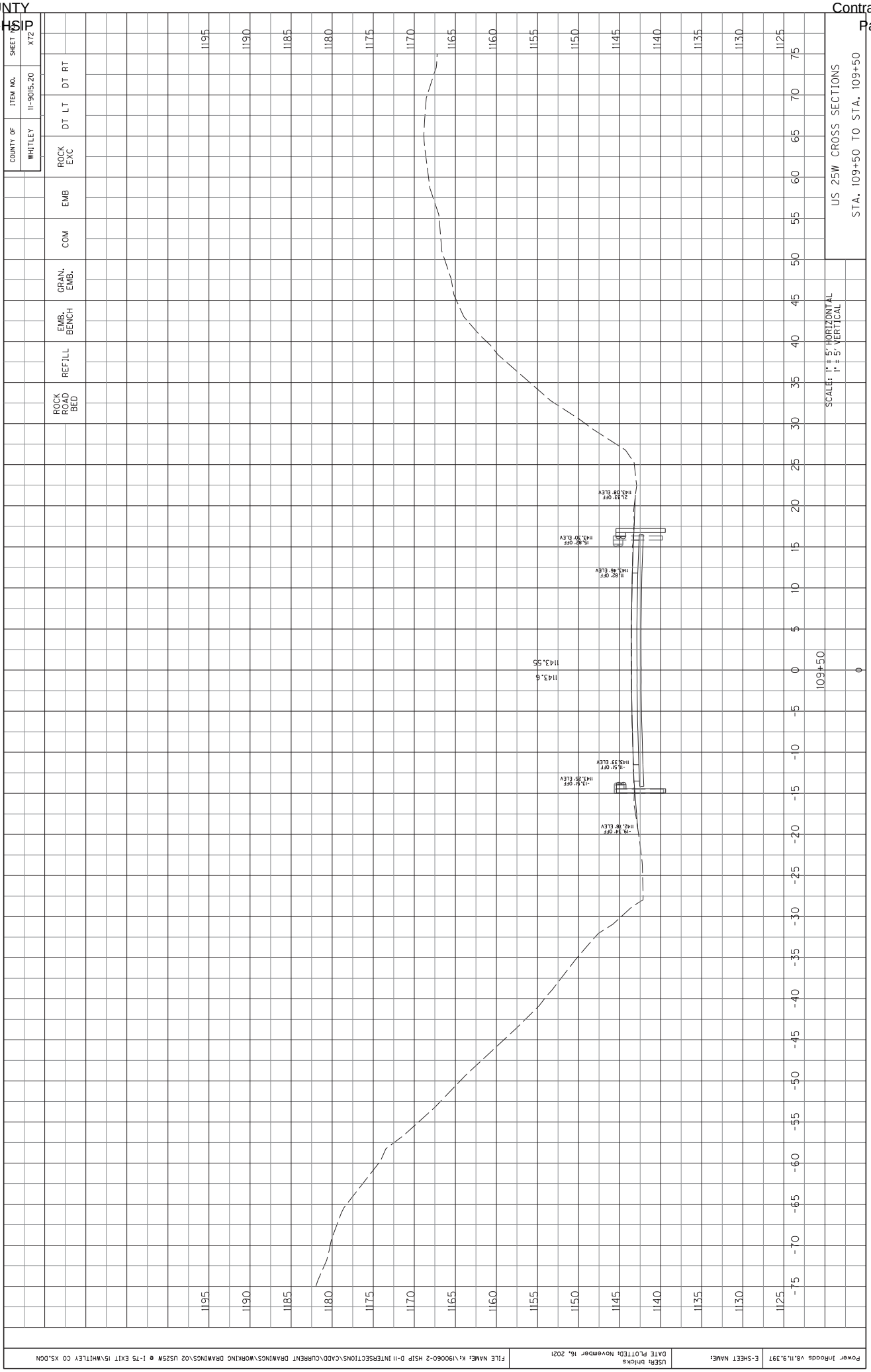

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X67
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 109+00 TO STA. 109+00
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
109+00
1142.8
1142.81
18.11' OFF
1142.59' ELEV
16.67' OFF
1142.73' ELEV
11.67' OFF
1142.76' ELEV
-11.57' OFF
1142.67' ELEV
-13.54' OFF
1142.57' ELEV
-17.06' OFF
1142.23' ELEV
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

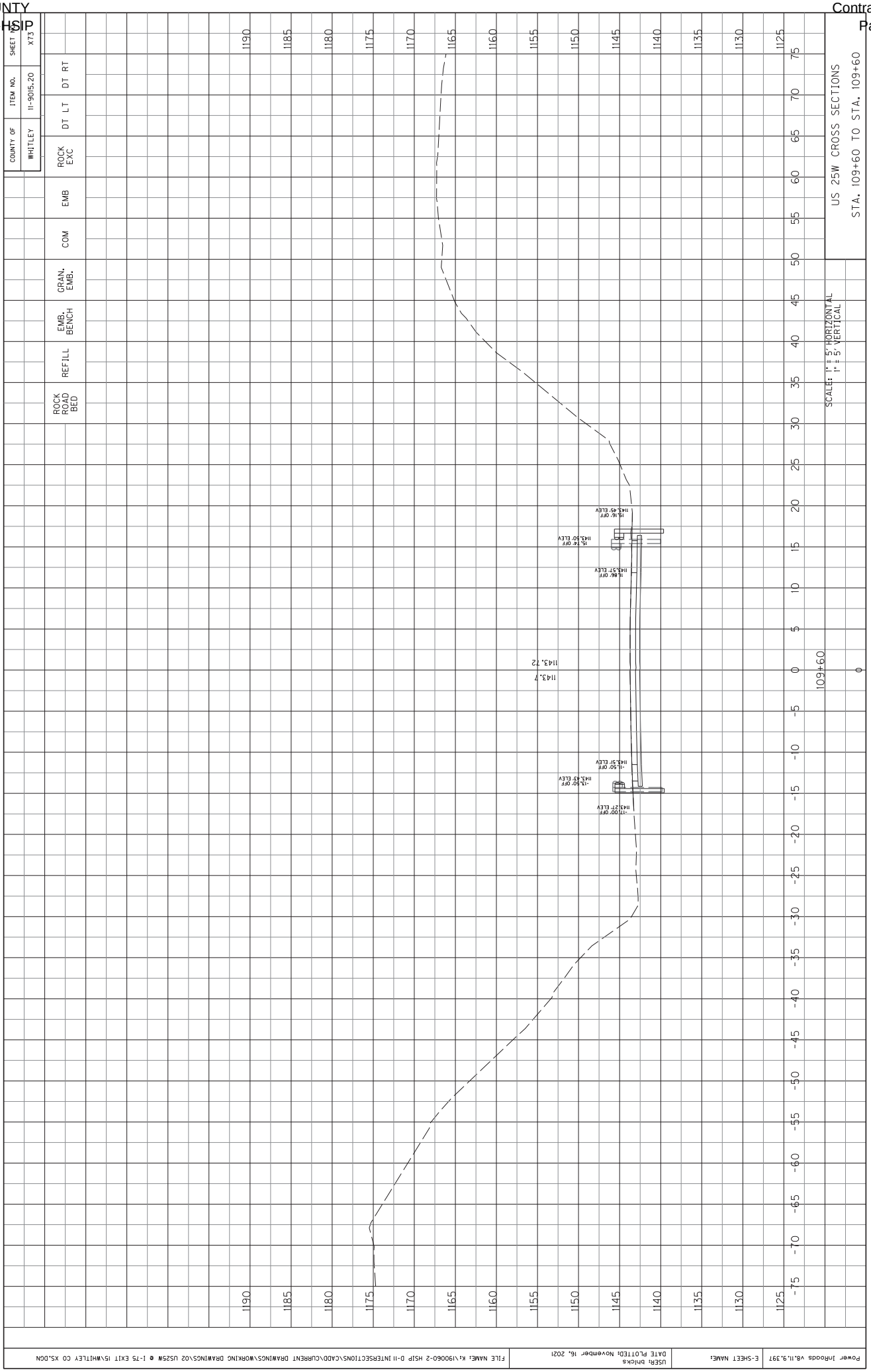

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X68
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 109+10 TO STA. 109+10
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
109+10
1142.9
1142.94
19.16' OFF
1142.37' ELEV
15.66' OFF
1142.79' ELEV
11.68' OFF
1142.90' ELEV
-11.53' OFF
1142.76' ELEV
-13.53' OFF
1142.65' ELEV
-17.03' OFF
1142.46' ELEV
1205
1200
1195
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130
1125
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75

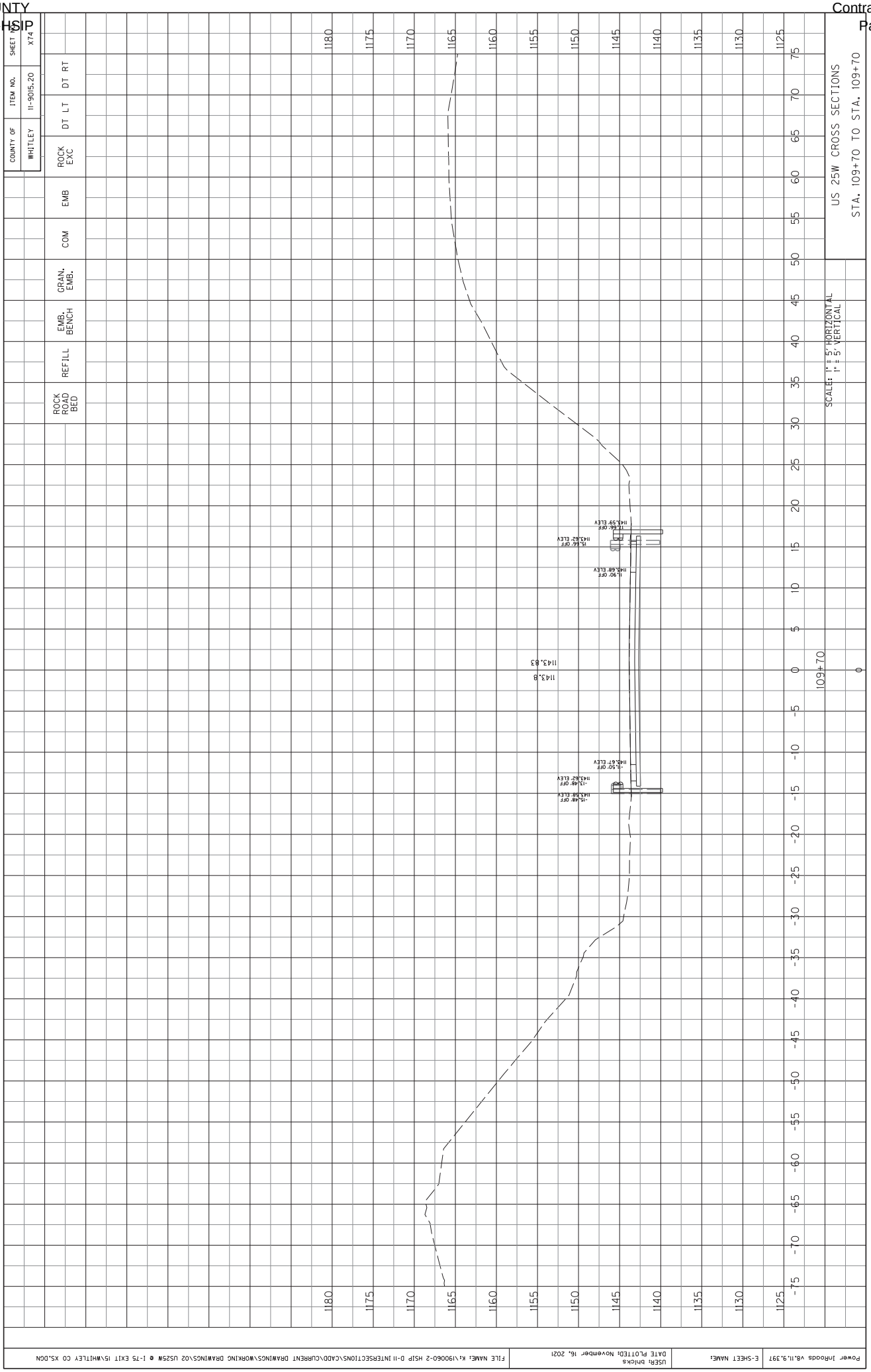

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X69
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 109+20 TO STA. 109+20
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
109+20
1143.09
1143.1
19.87' OFF
1142.58' ELEV
15.70' OFF
1142.96' ELEV
11.70' OFF
1143.05' ELEV
-11.53' OFF
1142.92' ELEV
-13.53' OFF
1142.84' ELEV
-17.03' OFF
1142.63' ELEV
1205
1200
1195
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130
1125
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75

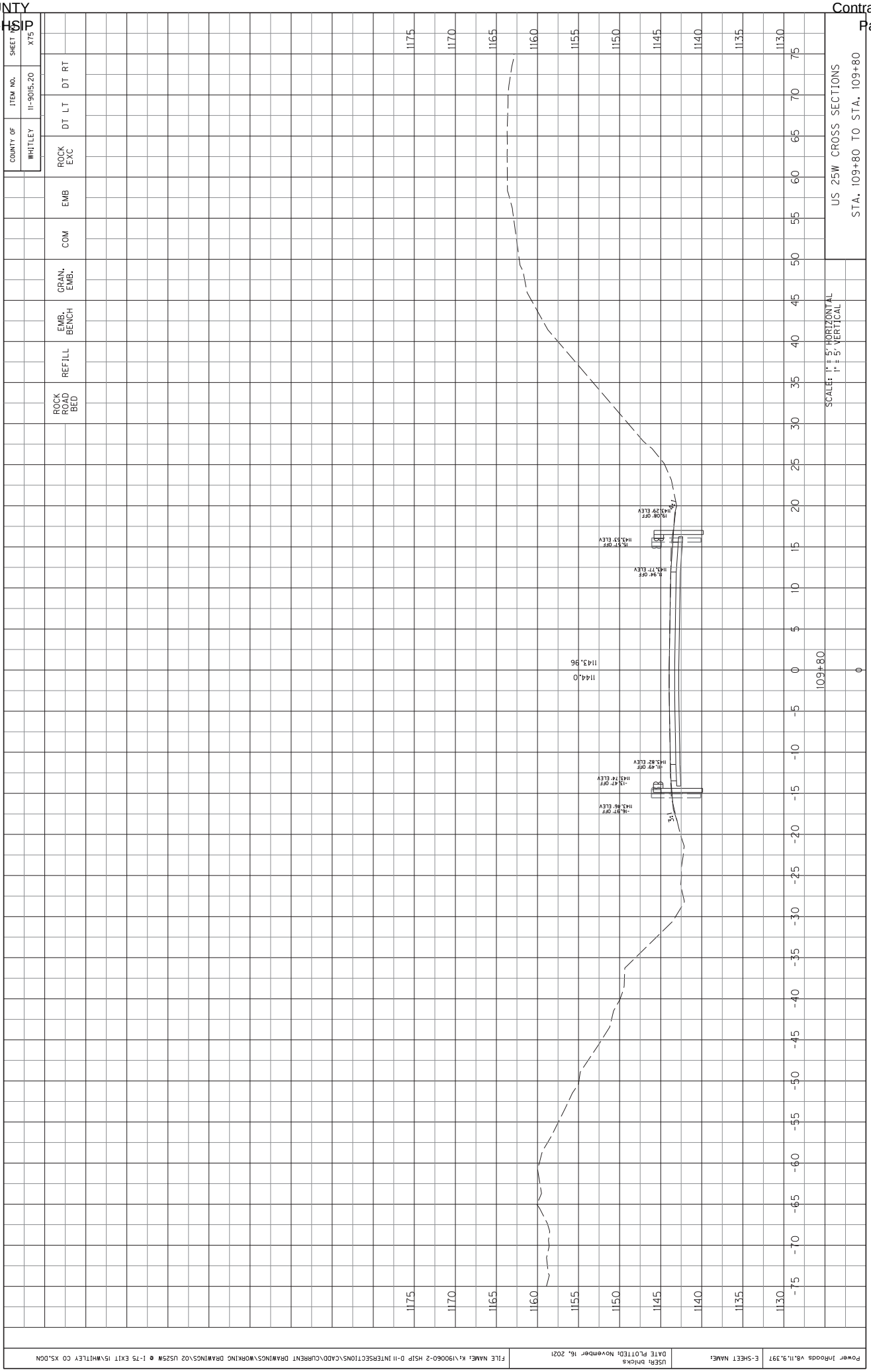

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X70
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 109+30 TO STA. 109+30
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1200
1195
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
109+30
0
1143.2
1143.24
19.24' OFF
1142.28' ELEV
15.74' OFF
1142.97' ELEV
11.74' OFF
1143.19' ELEV
-11.52' OFF
1143.05' ELEV
-13.52' OFF
1142.97' ELEV
17.02' OFF
1142.66' ELEV
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

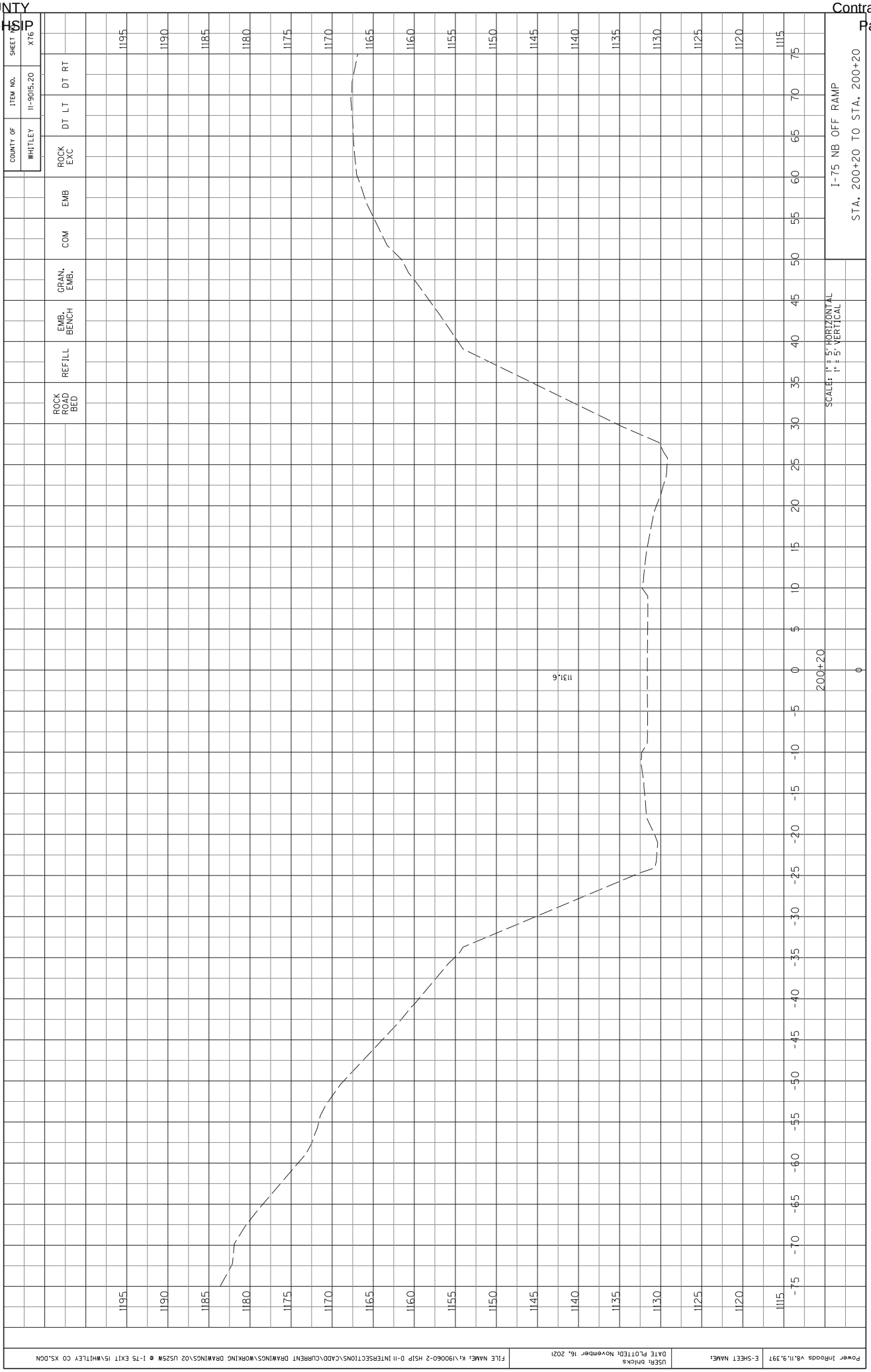

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X71
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 109+40 TO STA. 109+40
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1200
1195
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130
1125
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
109+40
1143.4
1143.39
19.28' OFF
1143.11' ELEV
15.78' OFF
1143.22' ELEV
11.78' OFF
1143.32' ELEV
-11.62' OFF
1143.19' ELEV
-15.62' OFF
1143.11' ELEV
-17.08' OFF
1142.83' ELEV
4:1
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

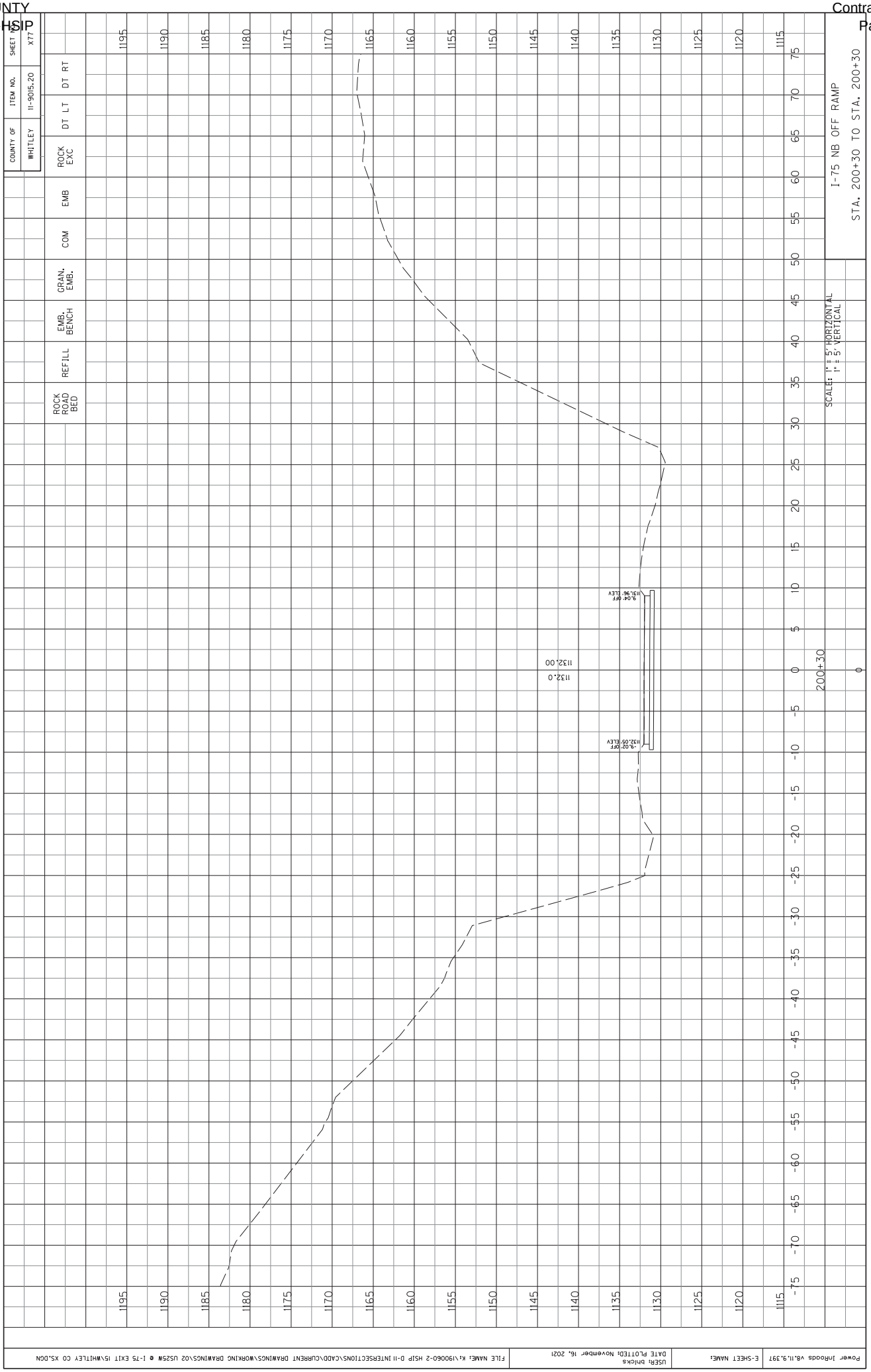

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X72
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 109+50 TO STA. 109+50
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1195
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130
1125
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
109+50
0
1143.6
1143.55
21.37' OFF
1143.08' ELEV
15.82' OFF
1143.30' ELEV
11.82' OFF
1143.46' ELEV
-11.67' OFF
1143.33' ELEV
-13.67' OFF
1143.28' ELEV
-19.37' OFF
1142.78' ELEV
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

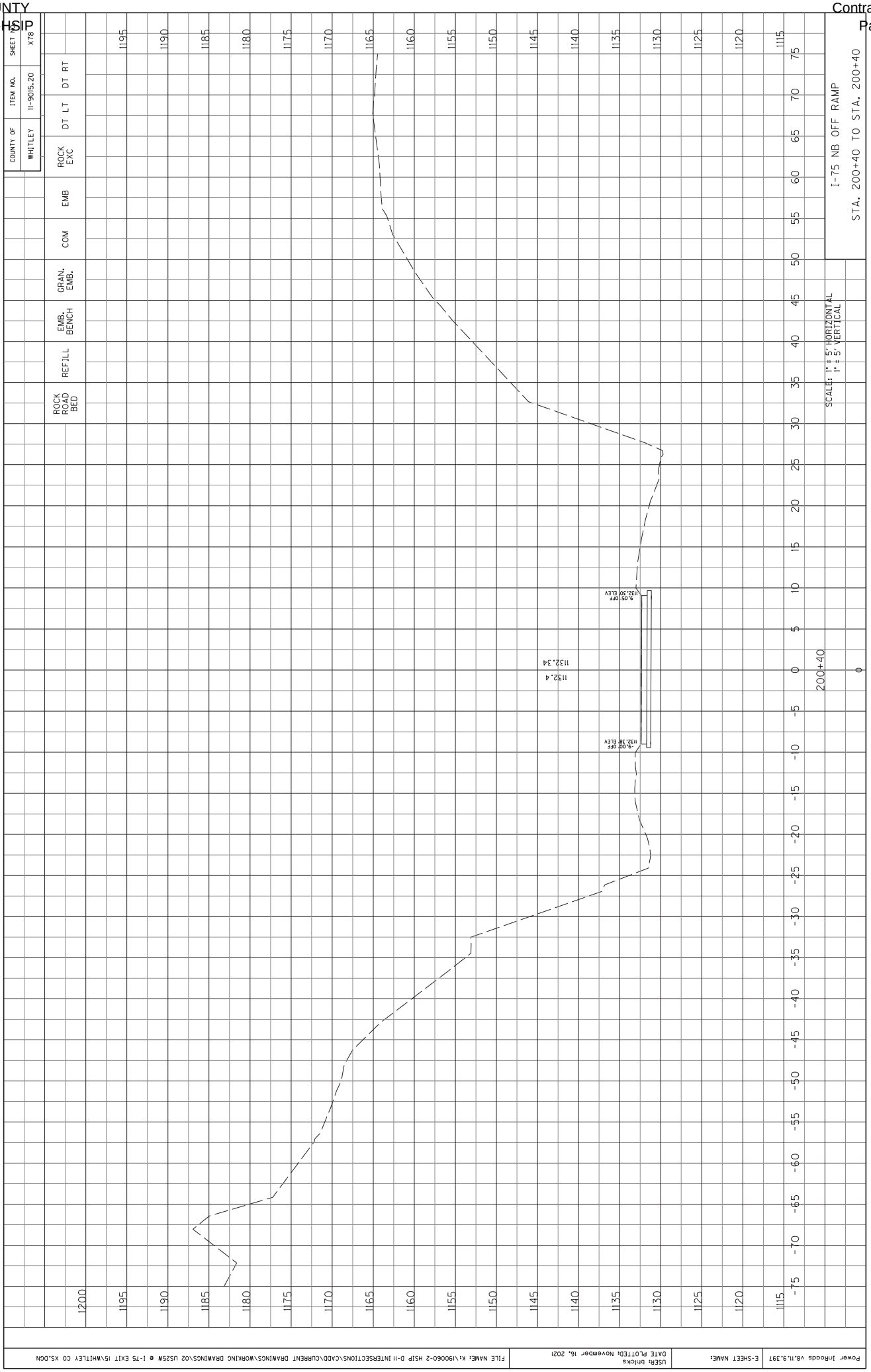

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X73
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 109+60 TO STA. 109+60
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130
1125
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
109+60
0
1143.72
1143.7
15.16' OFF
1143.49' ELEV
15.74' OFF
1143.50' ELEV
11.86' OFF
1143.57' ELEV
-11.50' OFF
1143.57' ELEV
-13.50' OFF
1143.43' ELEV
-17.00' OFF
1143.27' ELEV
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

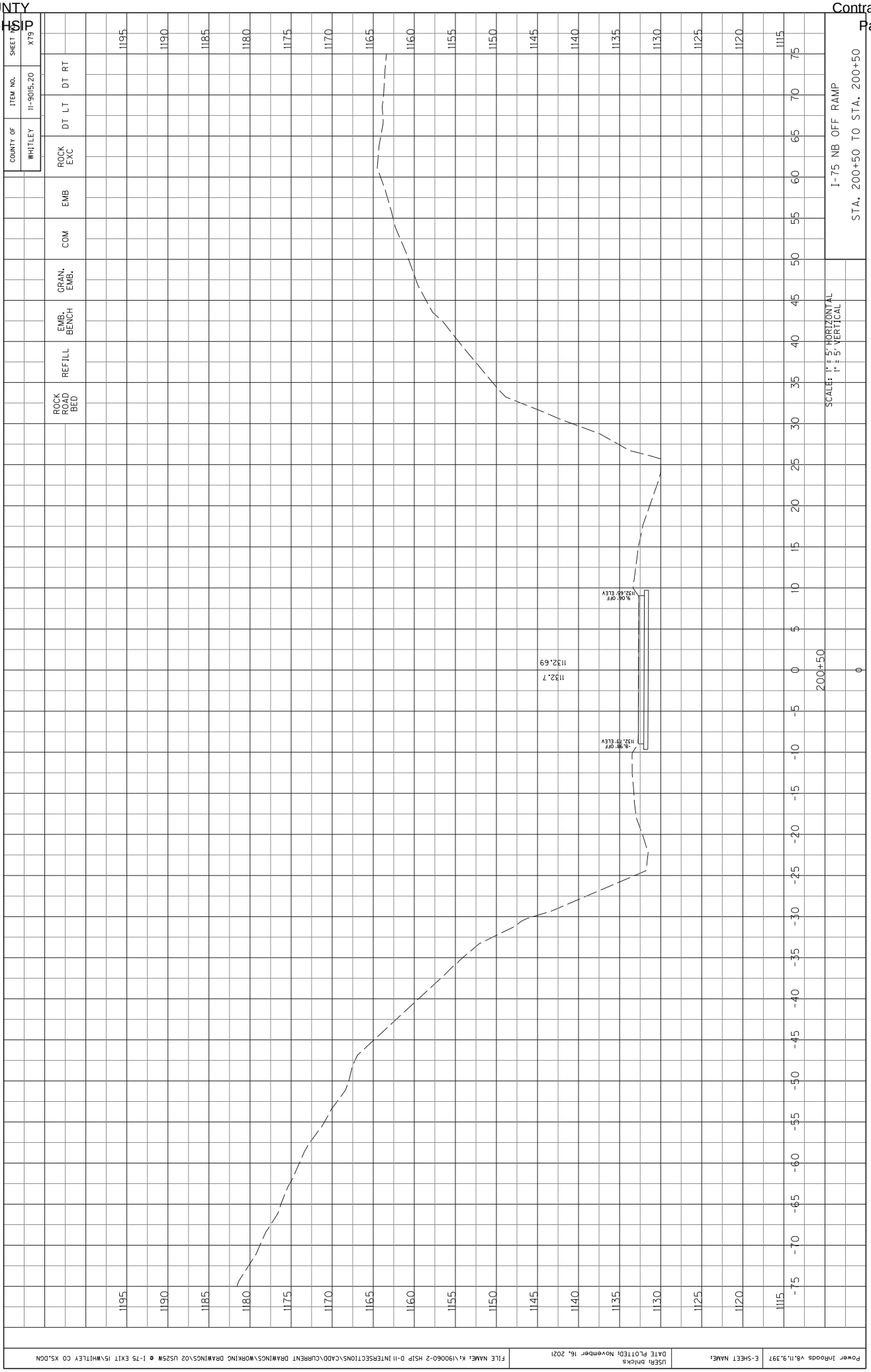

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X74
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 109+70 TO STA. 109+70
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130
1125
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
109+70
1143.83
1143.83
1145.59' ELEV
1145.68' ELEV
1145.67' ELEV
1143.58' ELEV
1143.62' ELEV
1143.62' ELEV
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

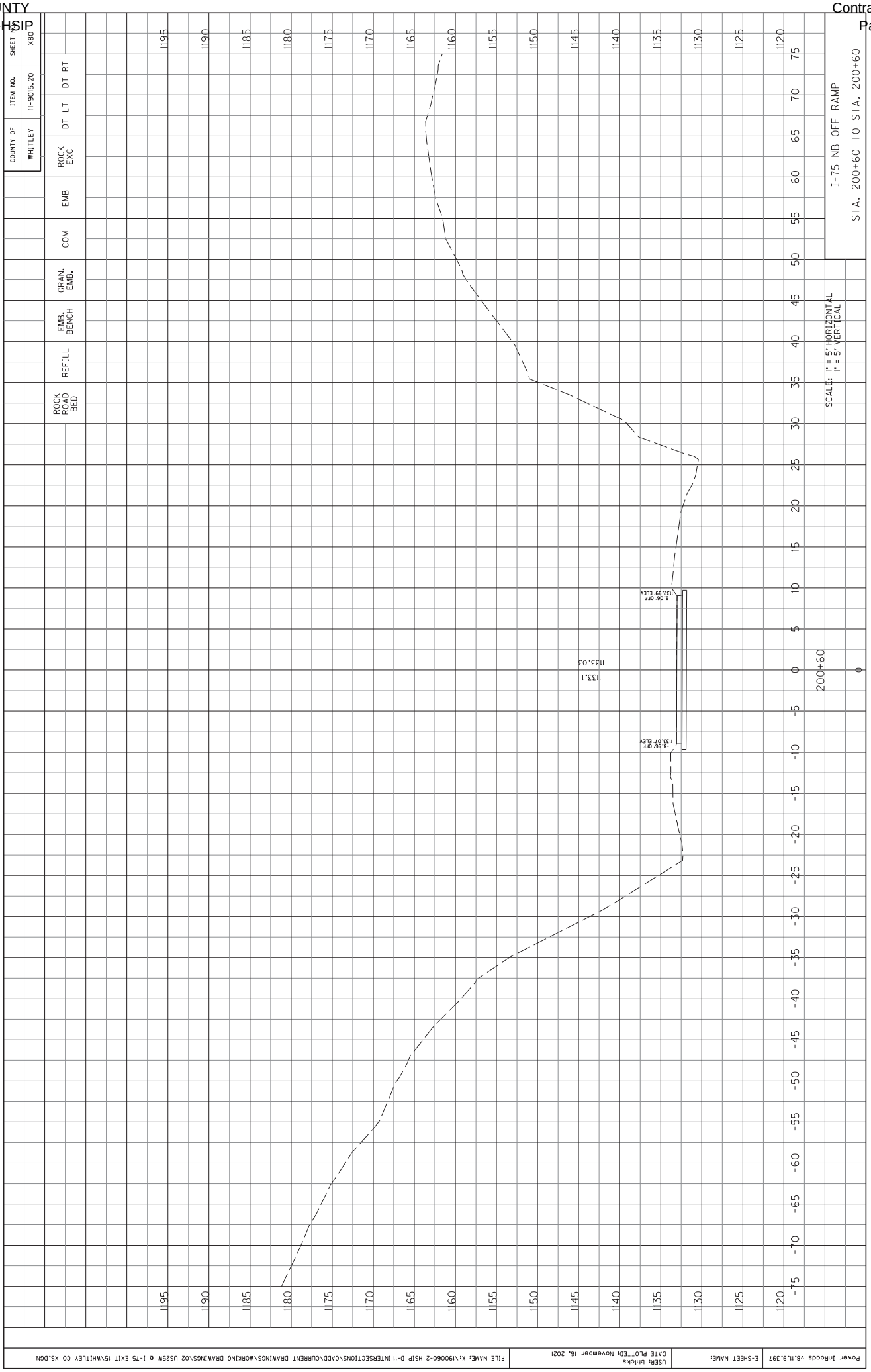

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X75
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 109+80 TO STA. 109+80
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
109+80
1144.0
1143.96
3:1
3:1
19.08' OFF
1143.29' ELEV
16.57' OFF
1143.53' ELEV
11.94' OFF
1143.77' ELEV
-11.49' OFF
1143.82' ELEV
-13.47' OFF
1143.74' ELEV
-16.37' OFF
1143.46' ELEV
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

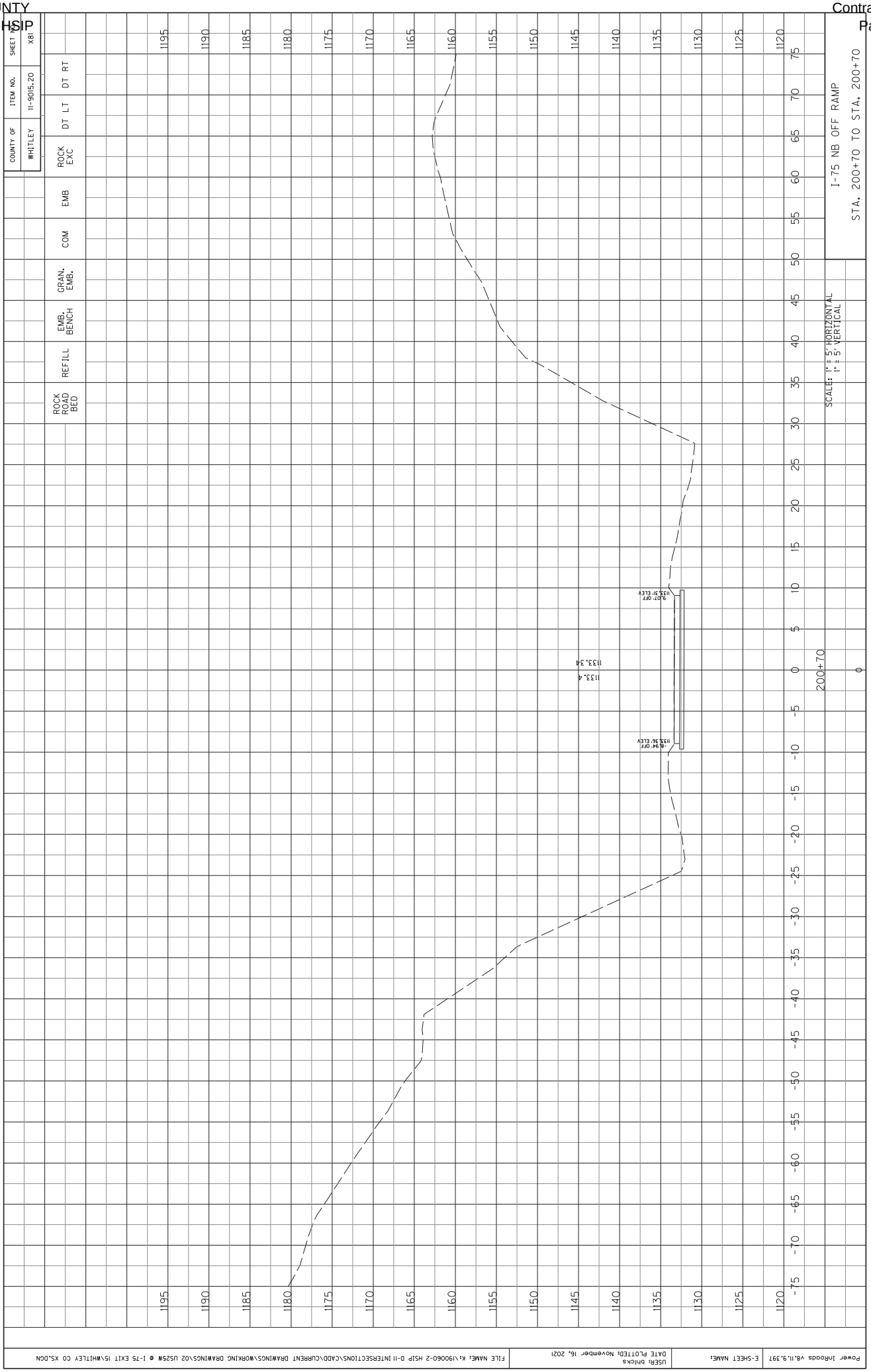

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X76
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 NB OFF RAMP
STA. 200+20 TO STA. 200+20
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1131.6
200+20
0
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

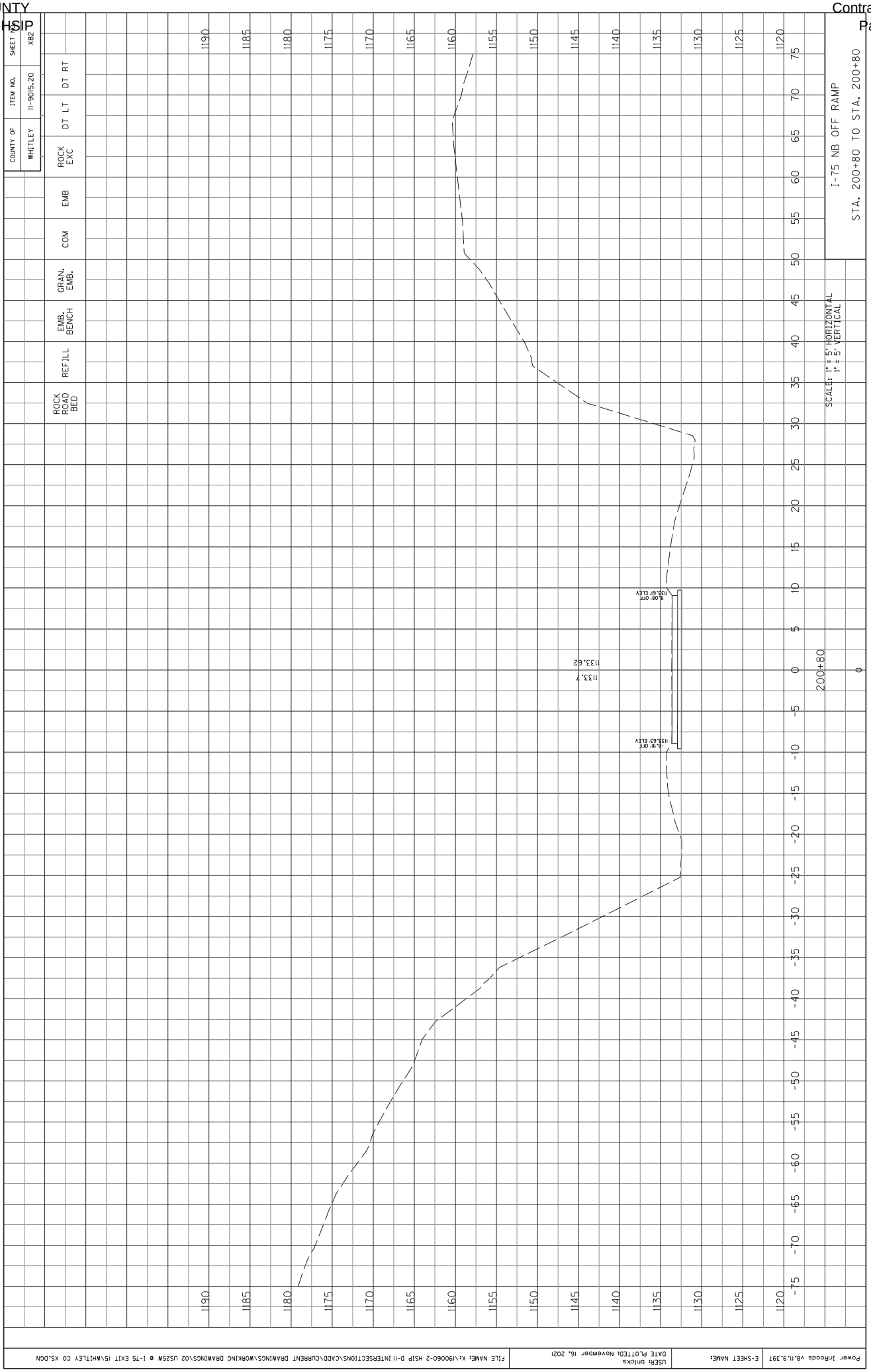

I-75 NB OFF RAMP
STA. 200+30 TO STA. 200+30
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X77
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
1132.0
1132.00
9.04'OFF
1131.96' ELEV
-9.02'OFF
1132.05' ELEV
200+30
0

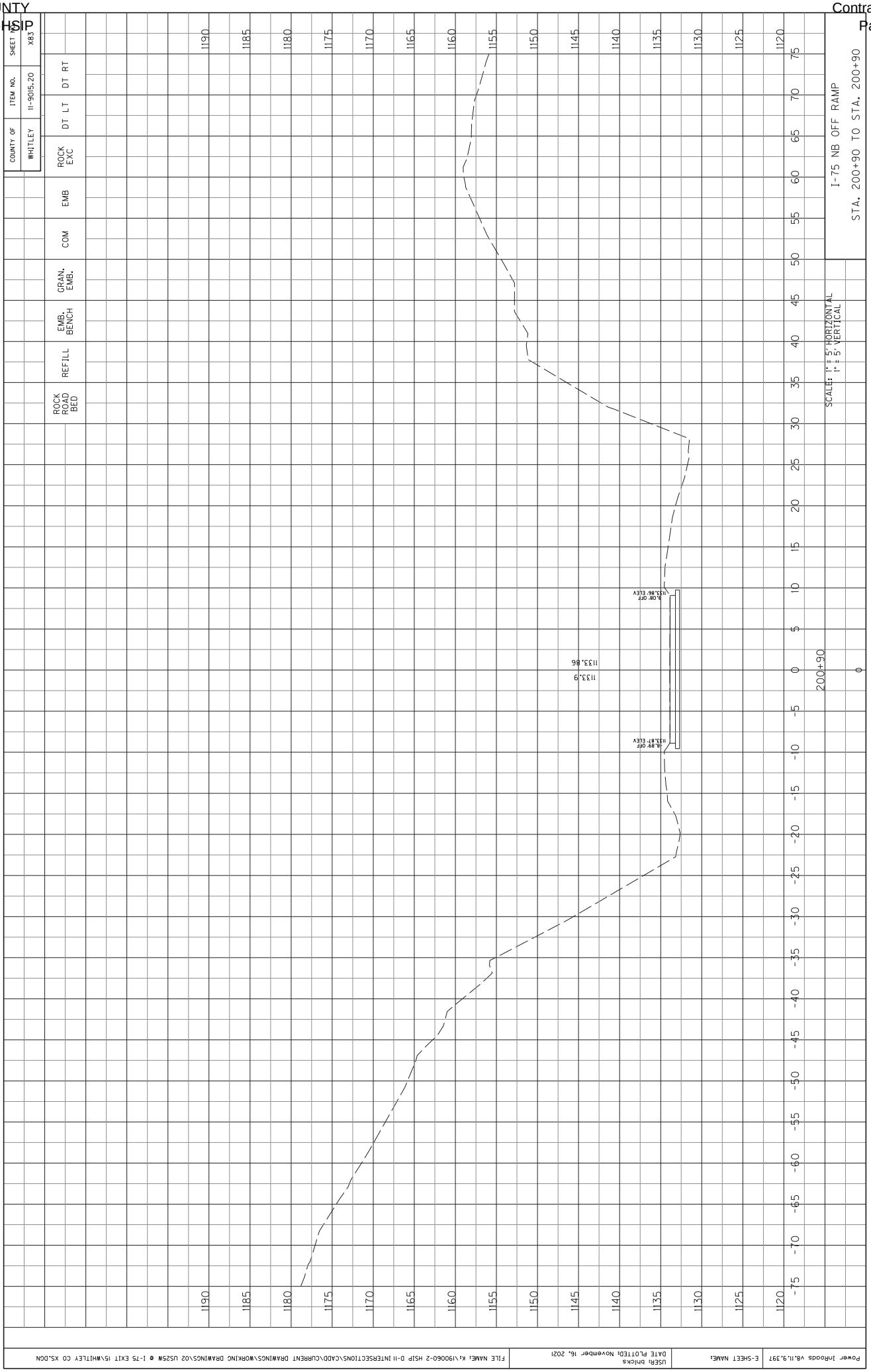

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X78
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 NB OFF RAMP
STA. 200+40 TO STA. 200+40
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
9.05' OFF
1132.30' ELEV
1132.34
1132.4
9.00' OFF
1132.38' ELEV
200+40
0

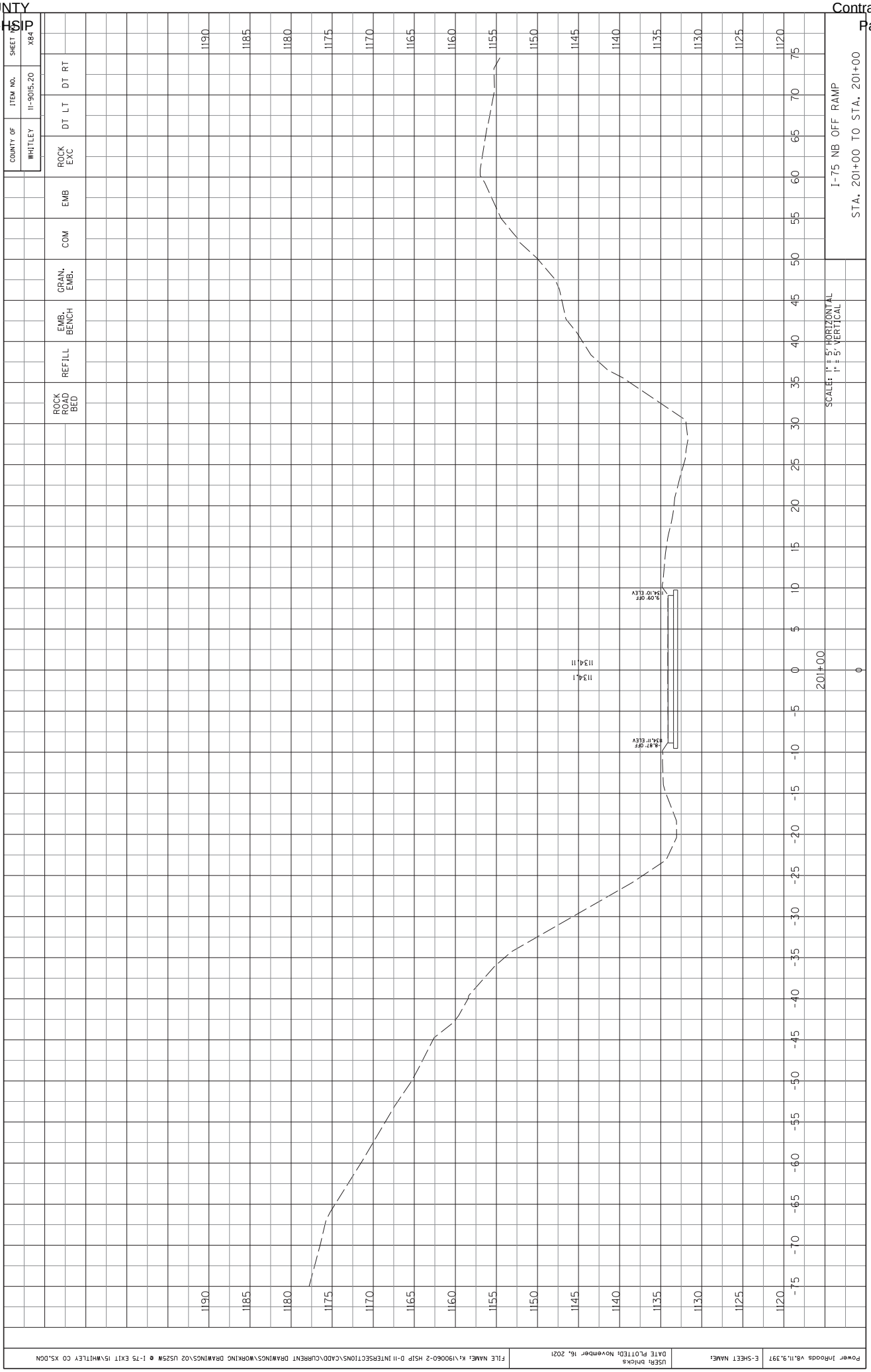

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X79
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 NB OFF RAMP
STA. 200+50 TO STA. 200+50
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1195
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130
1125
1120
1115
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
200+50
0
1132.7
1132.69
9.06' OFF
1132.69' ELEV
-8.98' OFF
1132.75' ELEV
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN


COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X80
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 NB OFF RAMP
STA. 200+60 TO STA. 200+60
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1195
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130
1125
1120
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
200+60
0
1133.1
1133.03
9.06' OFF
1132.99' ELEV.
-8.96' OFF
1135.07' ELEV.
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

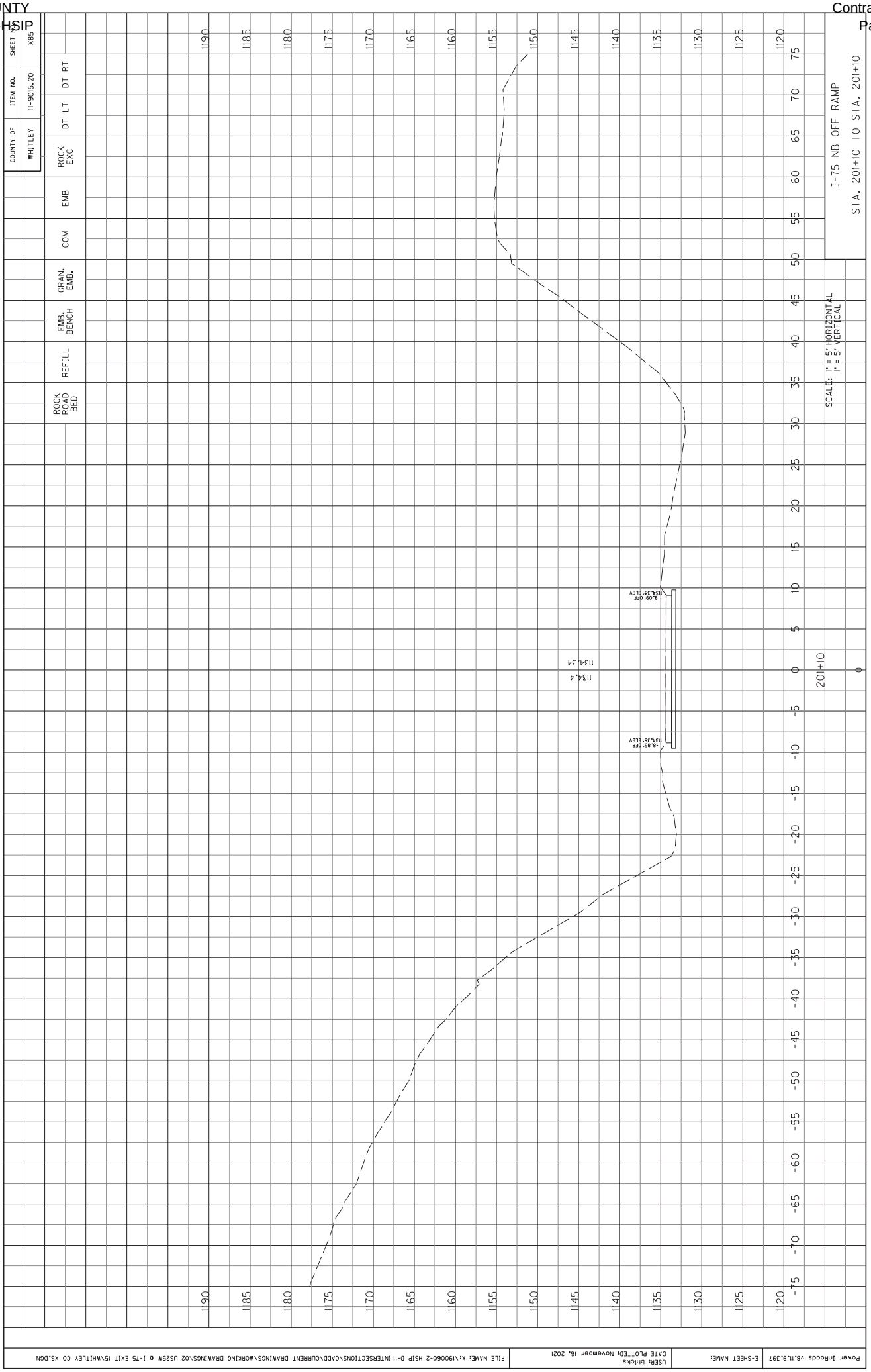

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X01
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 NB OFF RAMP
STA. 200+70 TO STA. 200+70
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1133.34
1133.4
9.07' OFF
1133.37' ELEV
8.94' OFF
1133.36' ELEV
200+70
0

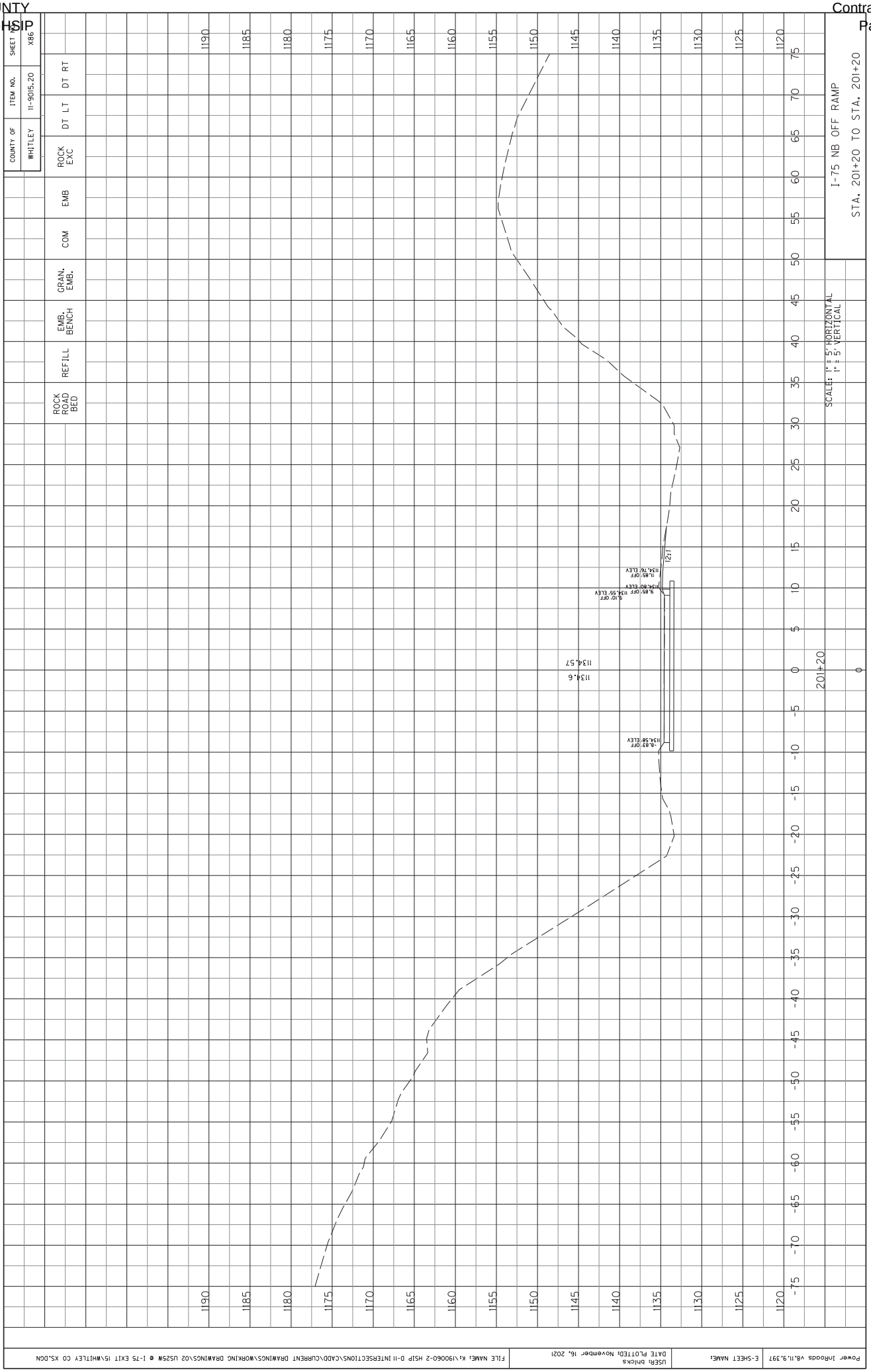

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X82
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 NB OFF RAMP
STA. 200+80 TO STA. 200+80
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130
1125
1120
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
200+80
0
1133.7
1133.62
1135.61' ELEV
9.08' OFF
1135.63' ELEV
-8.91' OFF
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

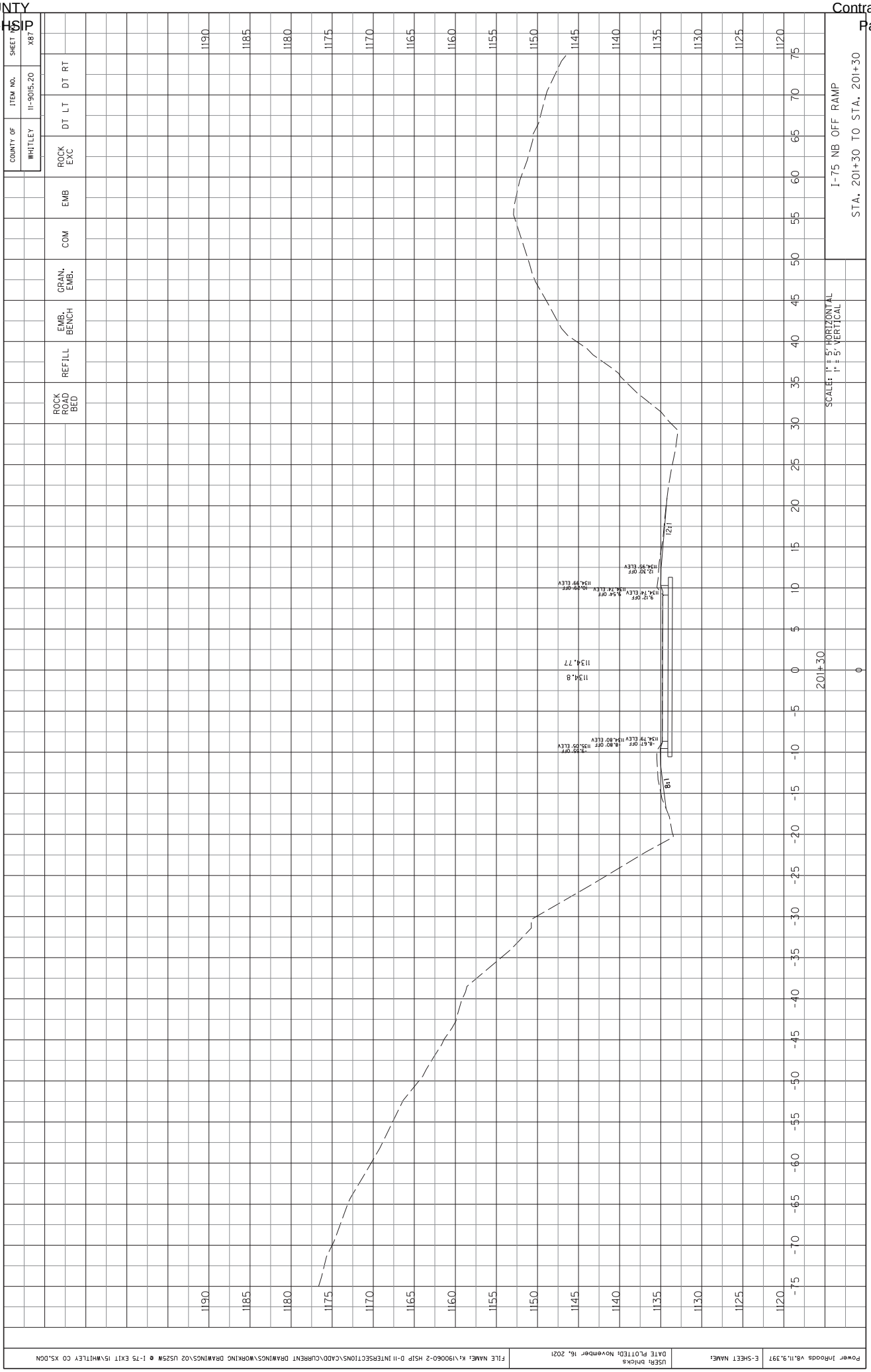

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X83
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 NB OFF RAMP
STA. 200+90 TO STA. 200+90
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1133.9
1133.86
8.06' OFF
1133.86' ELEV
8.89' OFF
1133.87' ELEV
200+90
0

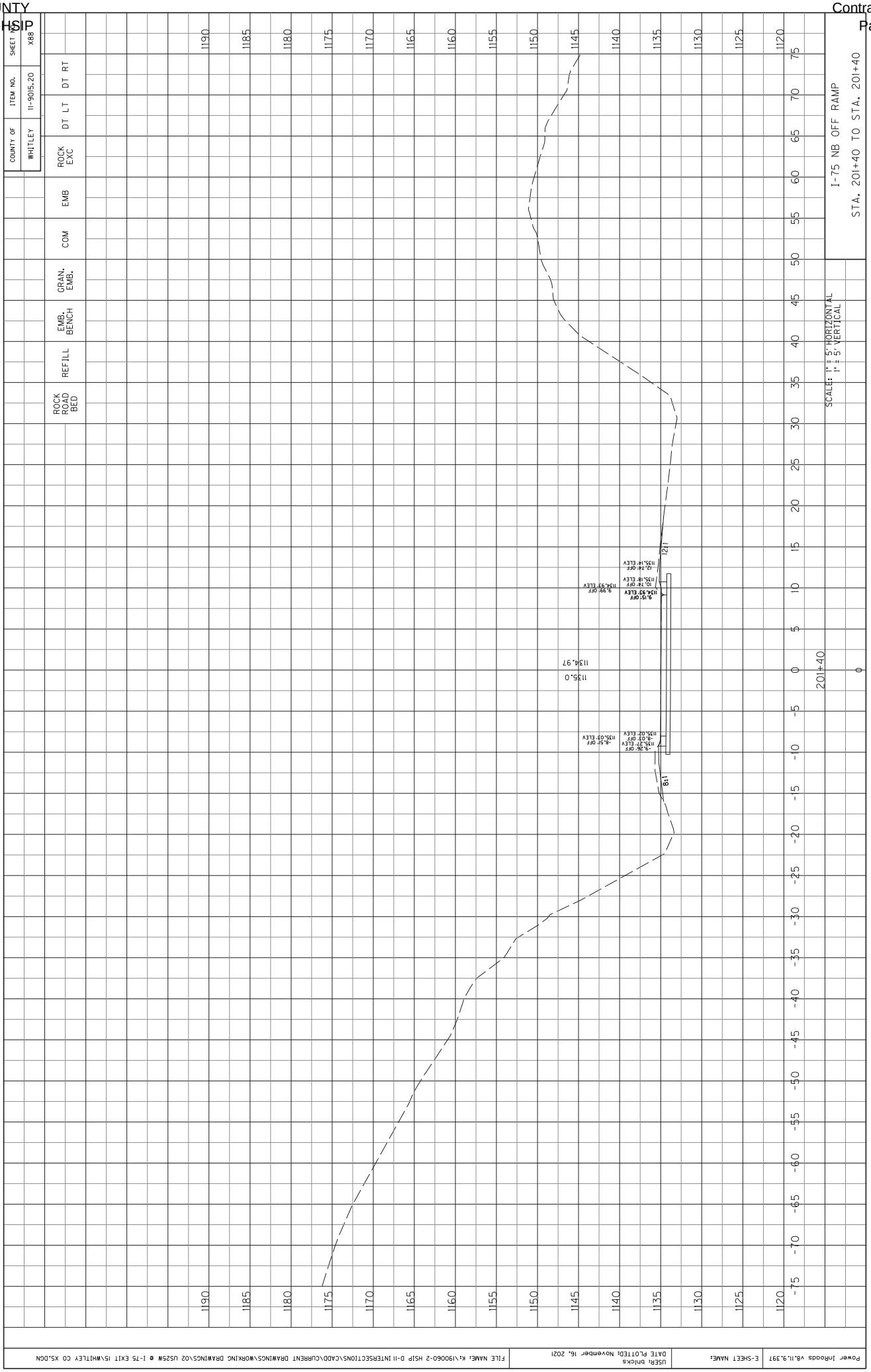


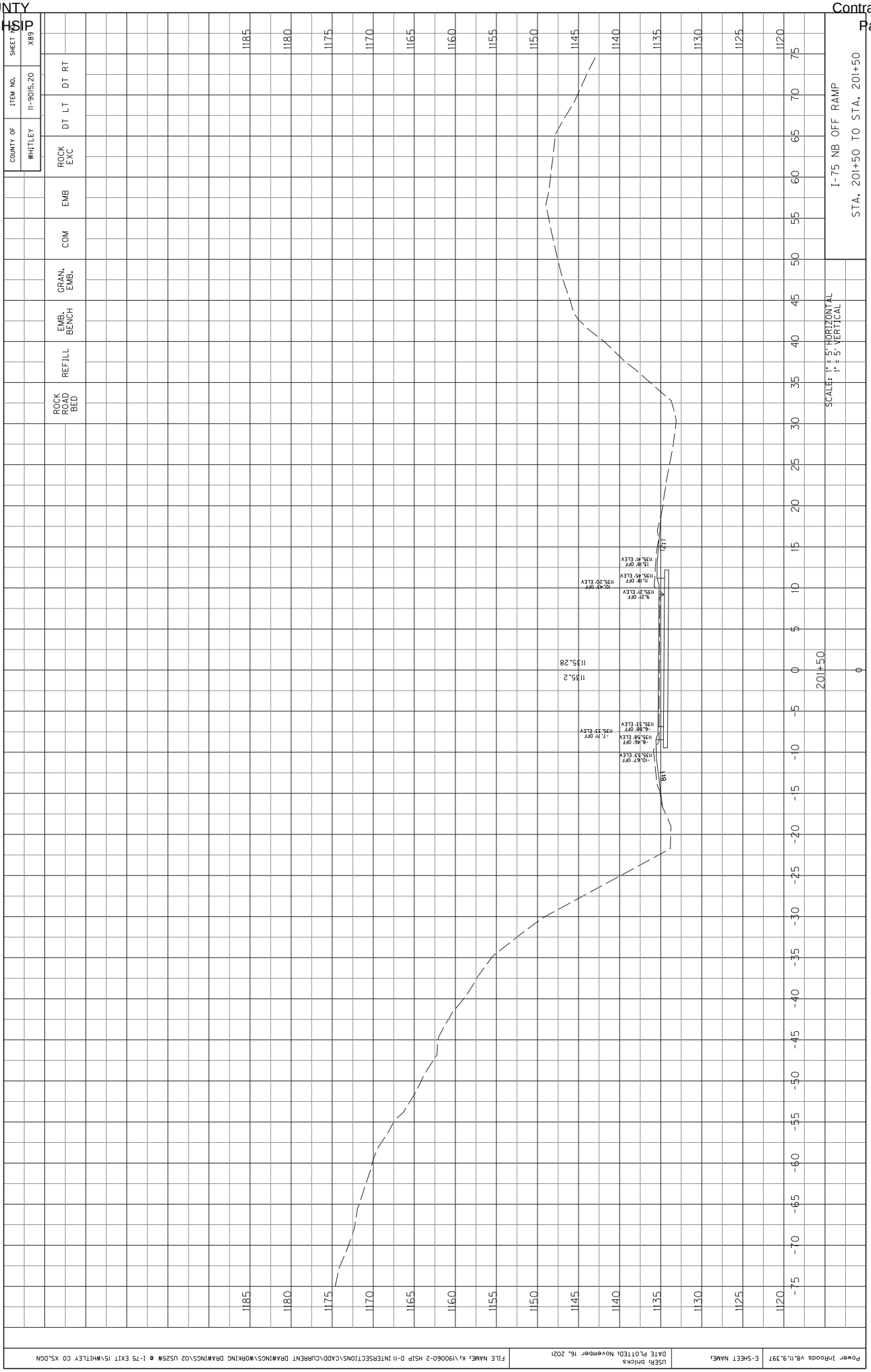
Power InRoads V8.11.9.397 | E-SHEET NAME: | USER: bhicks DATE PLOTTED: November 16, 2021 | FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

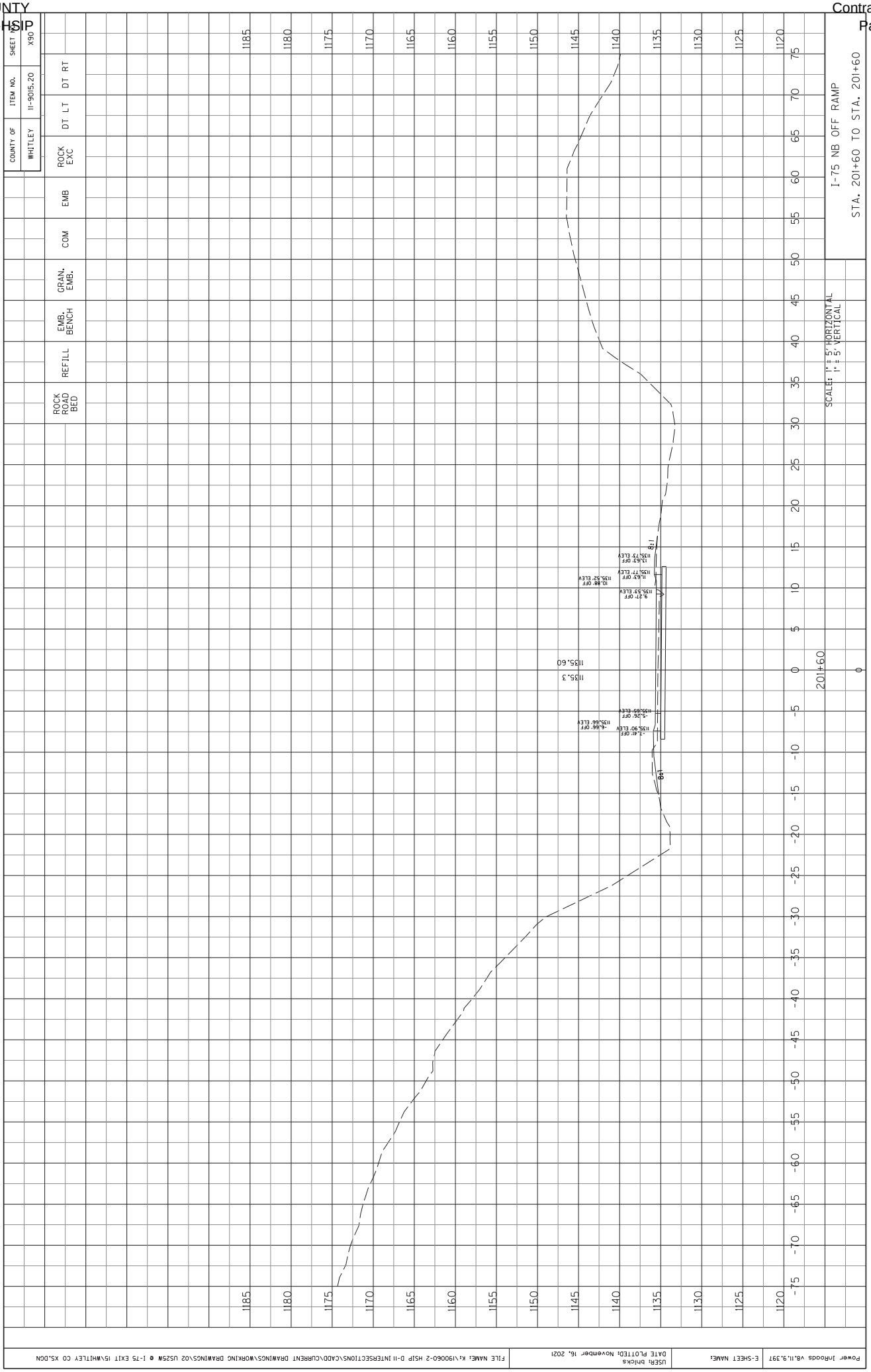

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X85
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 NB OFF RAMP
STA. 201+10 TO STA. 201+10
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
9.09' OFF
1134.37' ELEV
-8.89' OFF
1134.35' ELEV
1134.4
1134.34
201+10
0
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130
1125
1120
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75

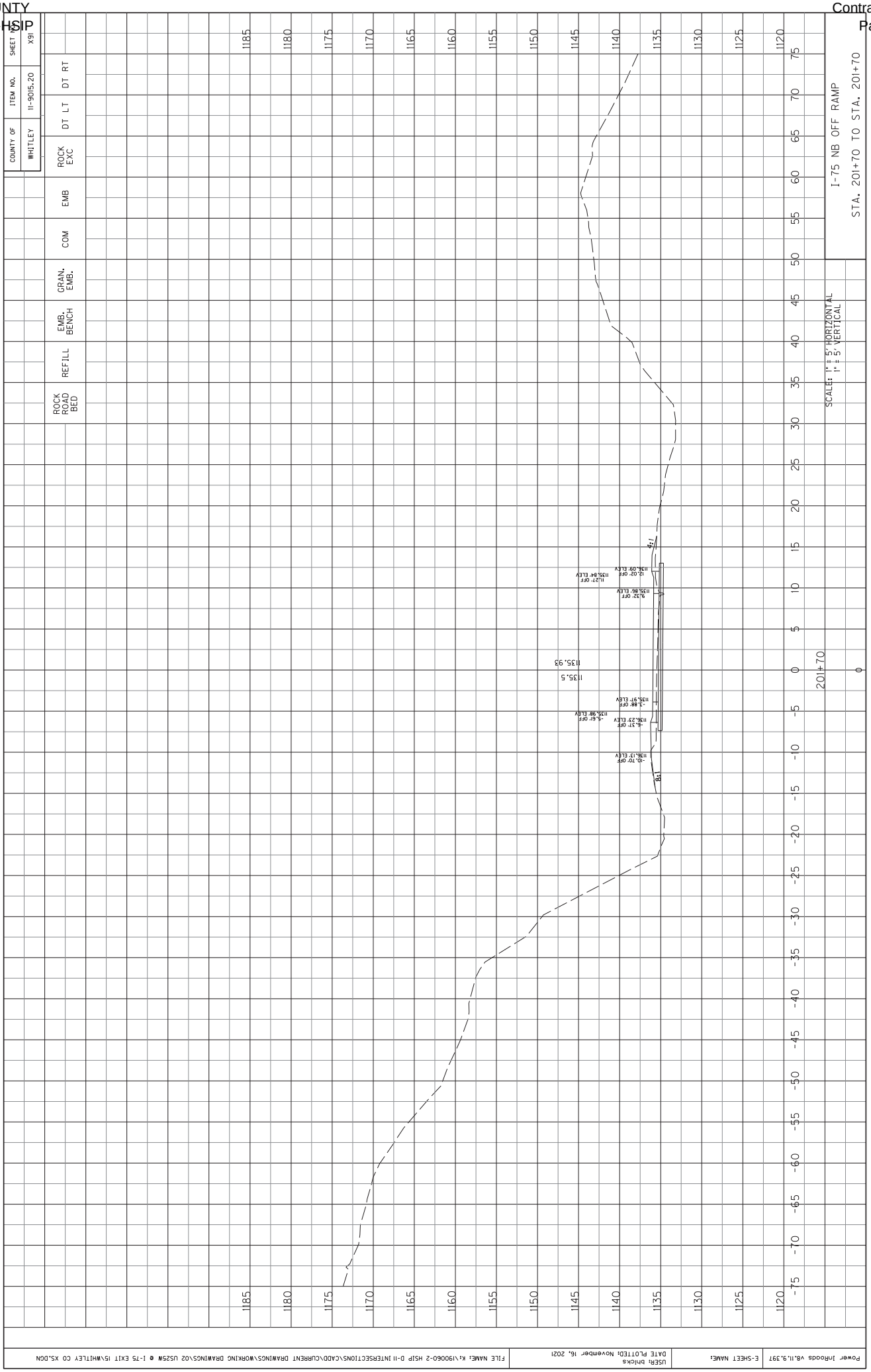

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X86
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 NB OFF RAMP
STA. 201+20 TO STA. 201+20
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130
1125
1120
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-5
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
201+20
0
1134.6
1134.57
12:1
-8.83'/OFF
1134.58'/ELEV
9.85'/OFF 1134.55'/ELEV
11.85'/OFF
1134.76'/ELEV
5.10'/OFF

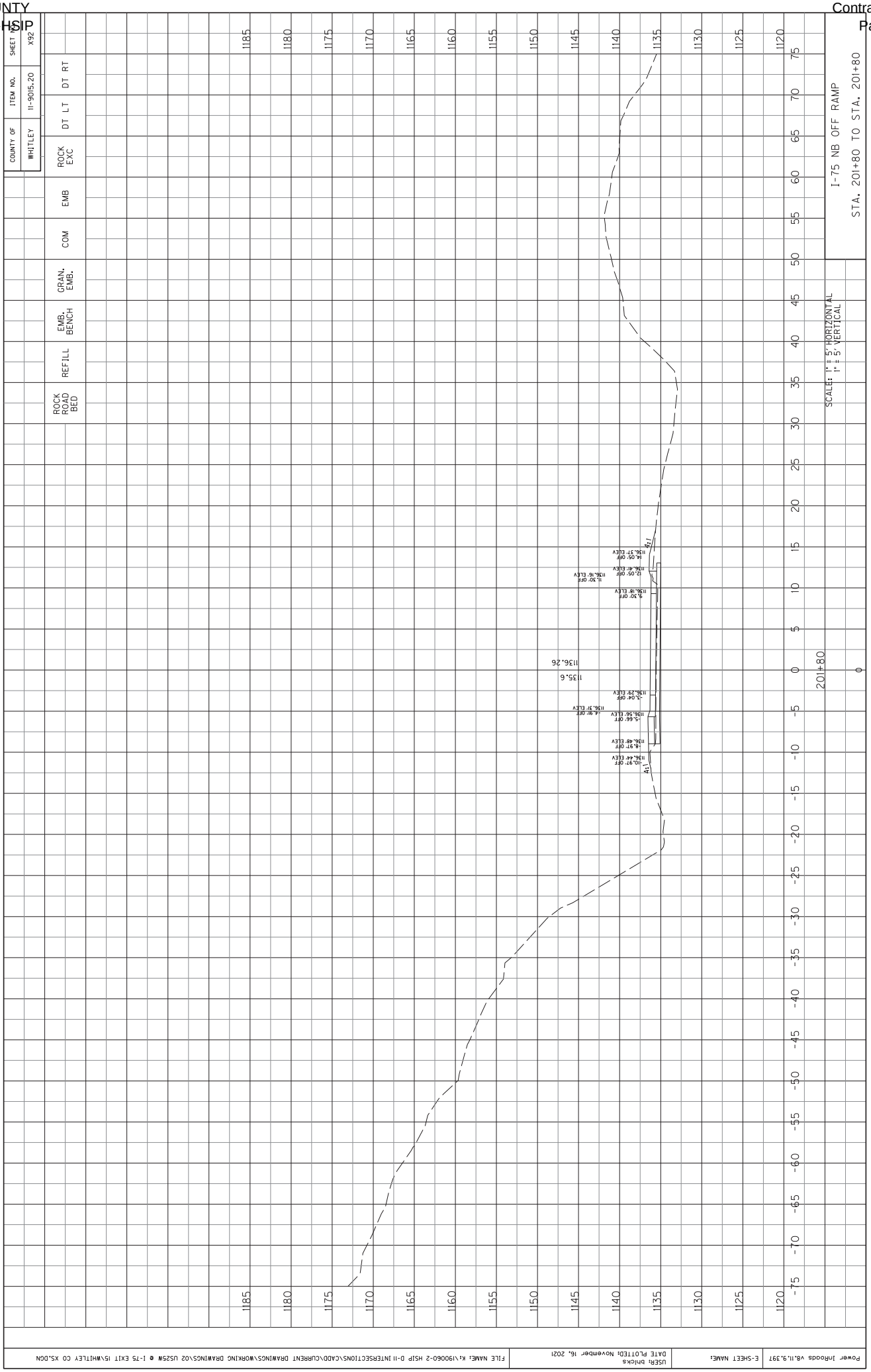

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X87
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 NB OFF RAMP
STA. 201+30 TO STA. 201+30
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
201+30
1134.8
1134.77
12:1
8:1
9.12' OFF 1134.74' ELEV
9.54' OFF 1134.74' ELEV
10.29' OFF 1134.99' ELEV
12.30' OFF 1134.99' ELEV
-8.67' OFF 1134.79' ELEV
-8.80' OFF 1134.80' ELEV
-9.35' OFF 1135.05' ELEV
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

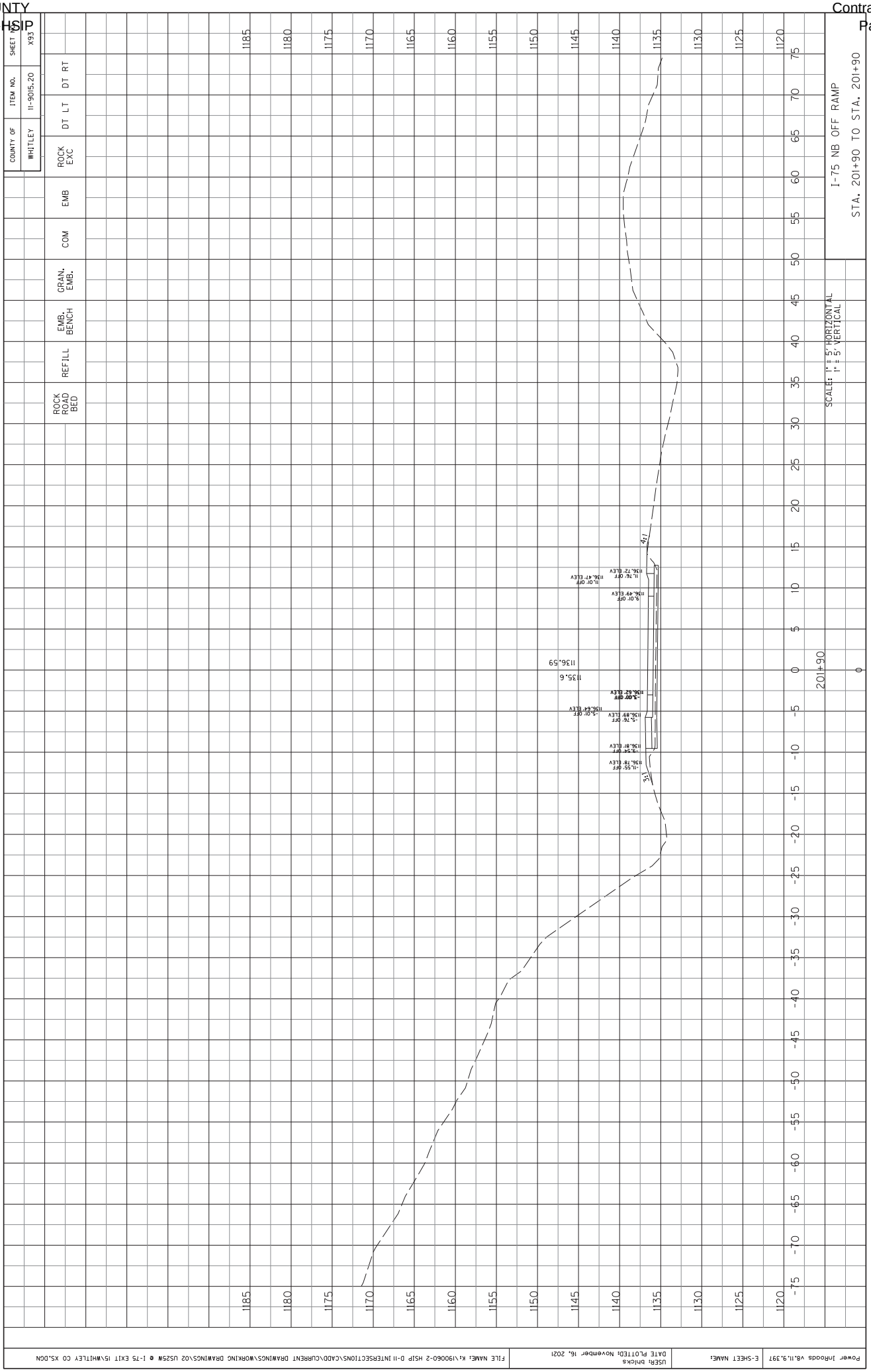

I-75 NB OFF RAMP
STA. 201+40 TO STA. 201+40
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X88
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
201+40
1134.97
1135.0
8:1
12:1
9.15' OFF
1134.97' ELEV
10.78' OFF
1135.18' ELEV
12.78' OFF
1135.18' ELEV
9.99' OFF
1134.93' ELEV
-9.28' OFF
1135.27' ELEV
-8.07' OFF
1135.02' ELEV
-8.51' OFF
1135.03' ELEV
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

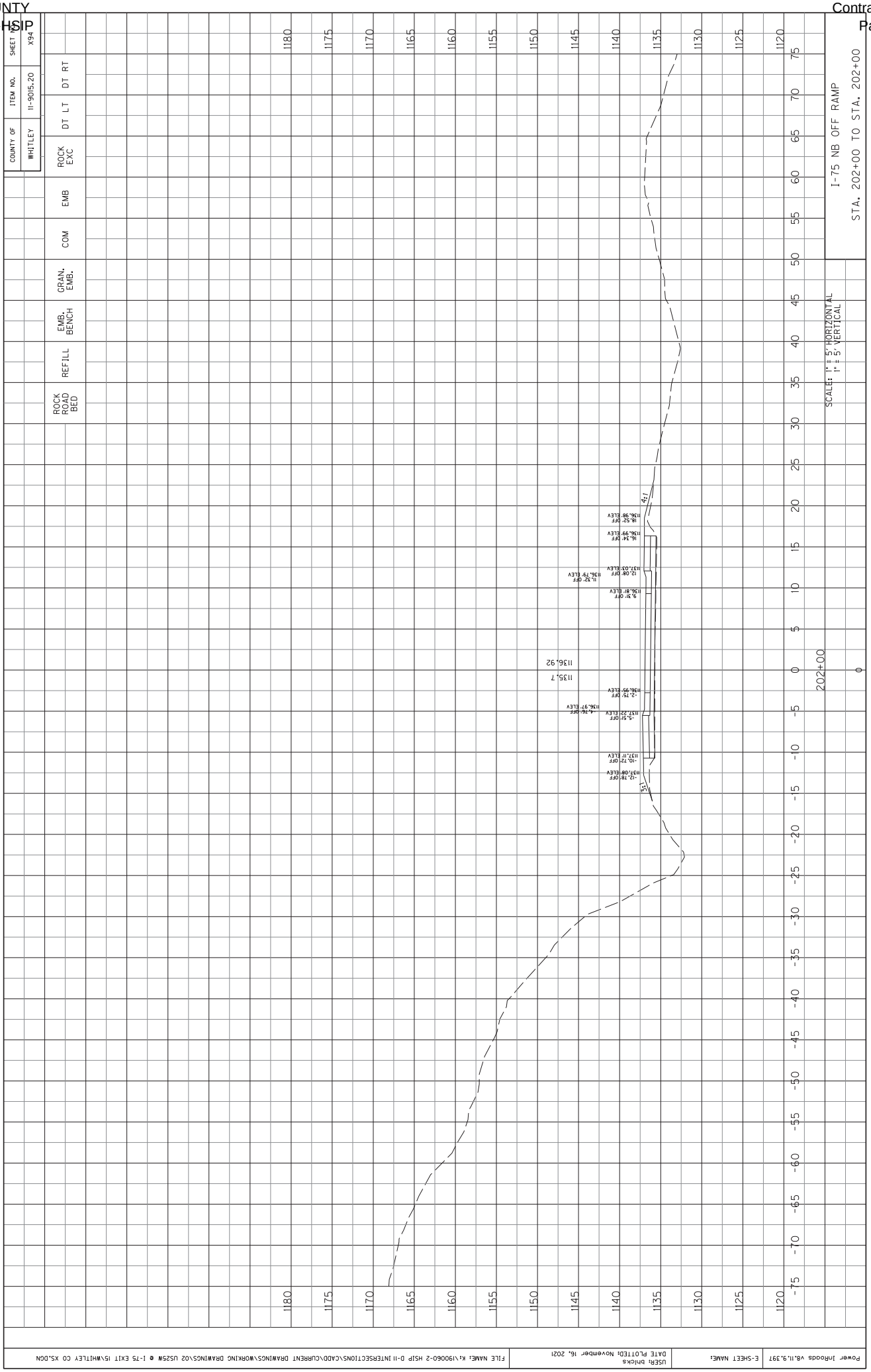

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X89
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 NB OFF RAMP
STA. 201+50 TO STA. 201+50
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
201+50
1135.28
1135.2
9.2' OFF
1135.21' ELEV
10.43' OFF
1135.20' ELEV
11.18' OFF
1135.85' ELEV
13.18' OFF
1135.81' ELEV
-6.88' OFF
1135.37' ELEV
-7.77' OFF
1135.33' ELEV
-8.46' OFF
1135.58' ELEV
-10.67' OFF
1135.63' ELEV
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

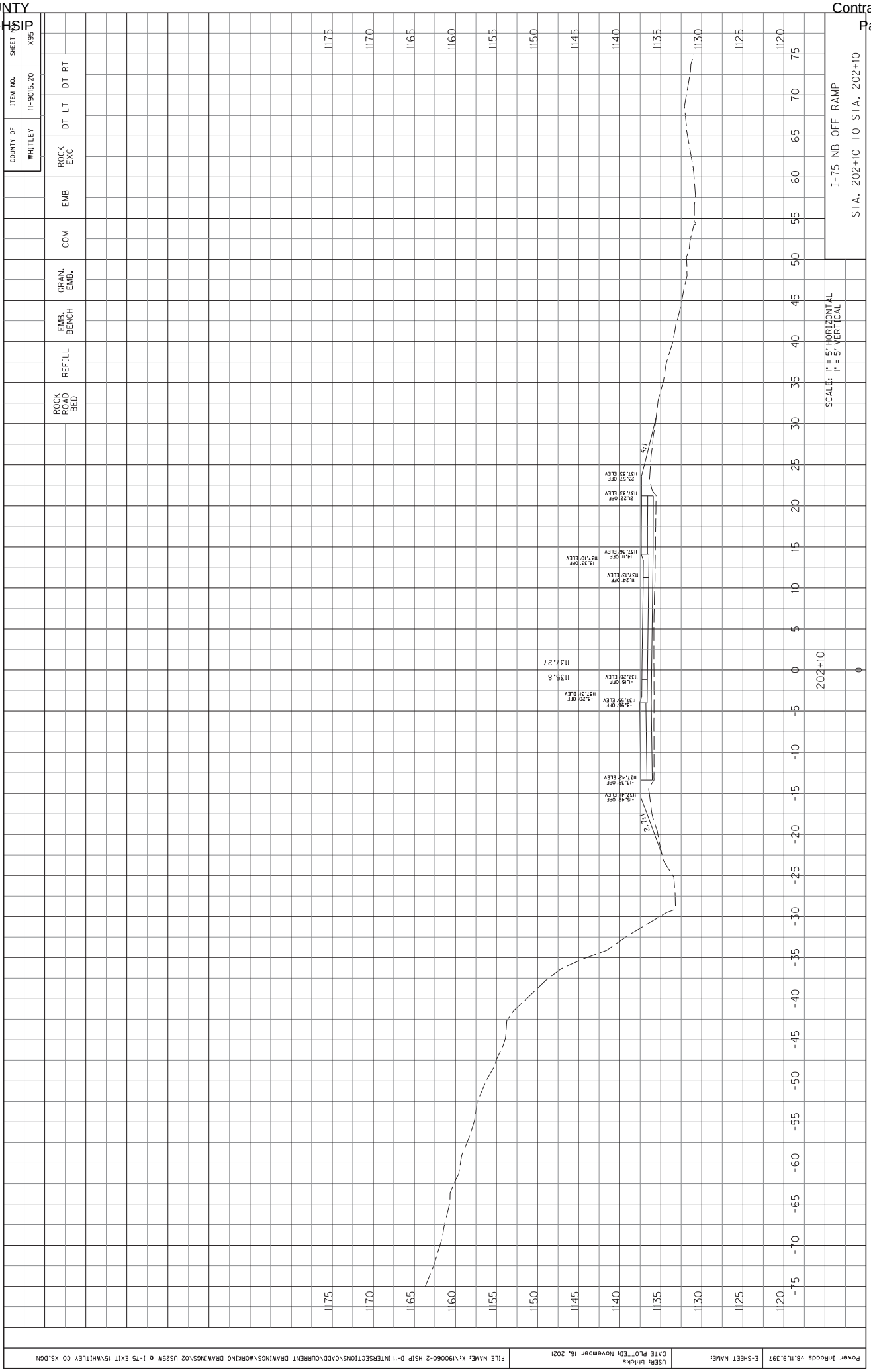

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X90
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 NB OFF RAMP
STA. 201+60 TO STA. 201+60
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130
1125
1120
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
201+60
1135.60
1135.3
1:8
1:8
1135.77' ELEV
11.63' OFF
1135.77' ELEV
11.63' OFF
1135.62' ELEV
10.08' OFF
1135.57' ELEV
9.27' OFF
1135.90' ELEV
-7.41' OFF
1135.69' ELEV
-5.26' OFF
1135.66' ELEV
-6.66' OFF
BH

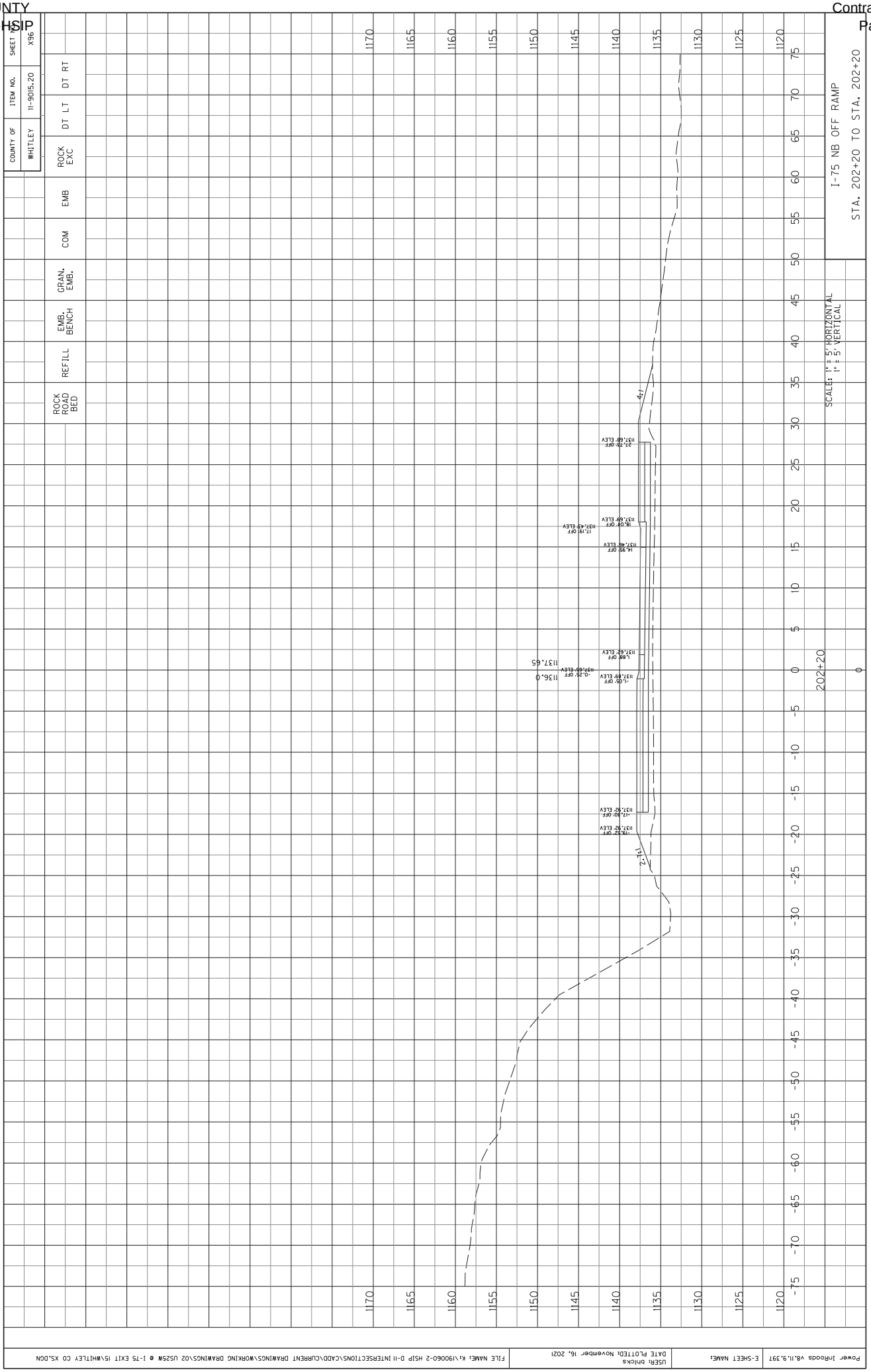

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X91
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 NB OFF RAMP
STA. 201+70 TO STA. 201+70
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
201+70
1135.93
1135.5
4:1
8:1
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

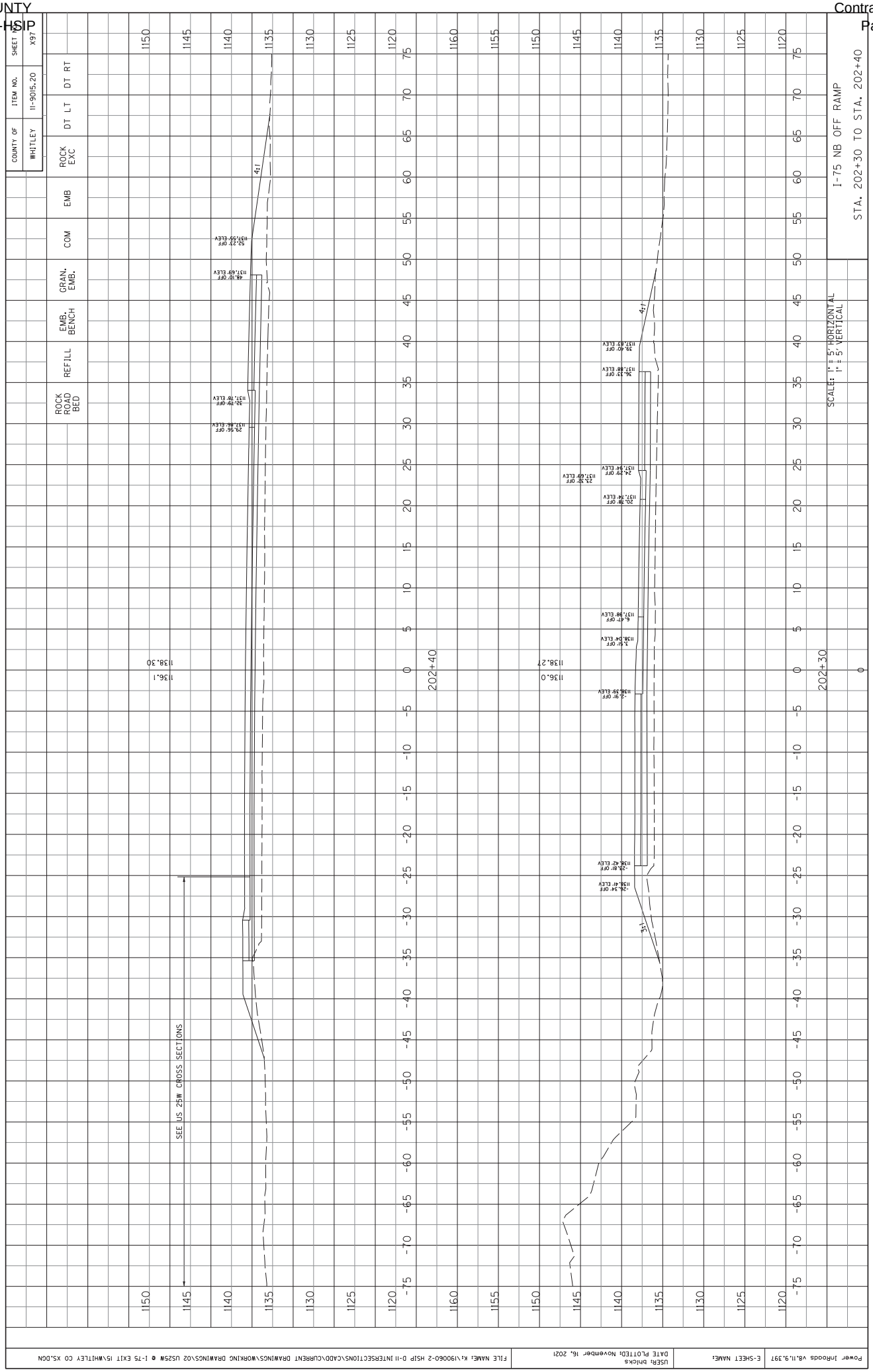

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X92
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 NB OFF RAMP
STA. 201+80 TO STA. 201+80
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130
1125
1120
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
201+80
1136.26
1135.6
1:1
1:1
9.30' OFF
1136.18' ELEV
12.05' OFF
1136.41' ELEV
11.30' OFF
1136.16' ELEV
4.05' OFF
1136.37' ELEV
-3.04' OFF
1136.29' ELEV
-4.91' OFF
1136.31' ELEV
-5.66' OFF
1136.56' ELEV
-8.97' OFF
1136.48' ELEV
-10.97' OFF
1136.44' ELEV

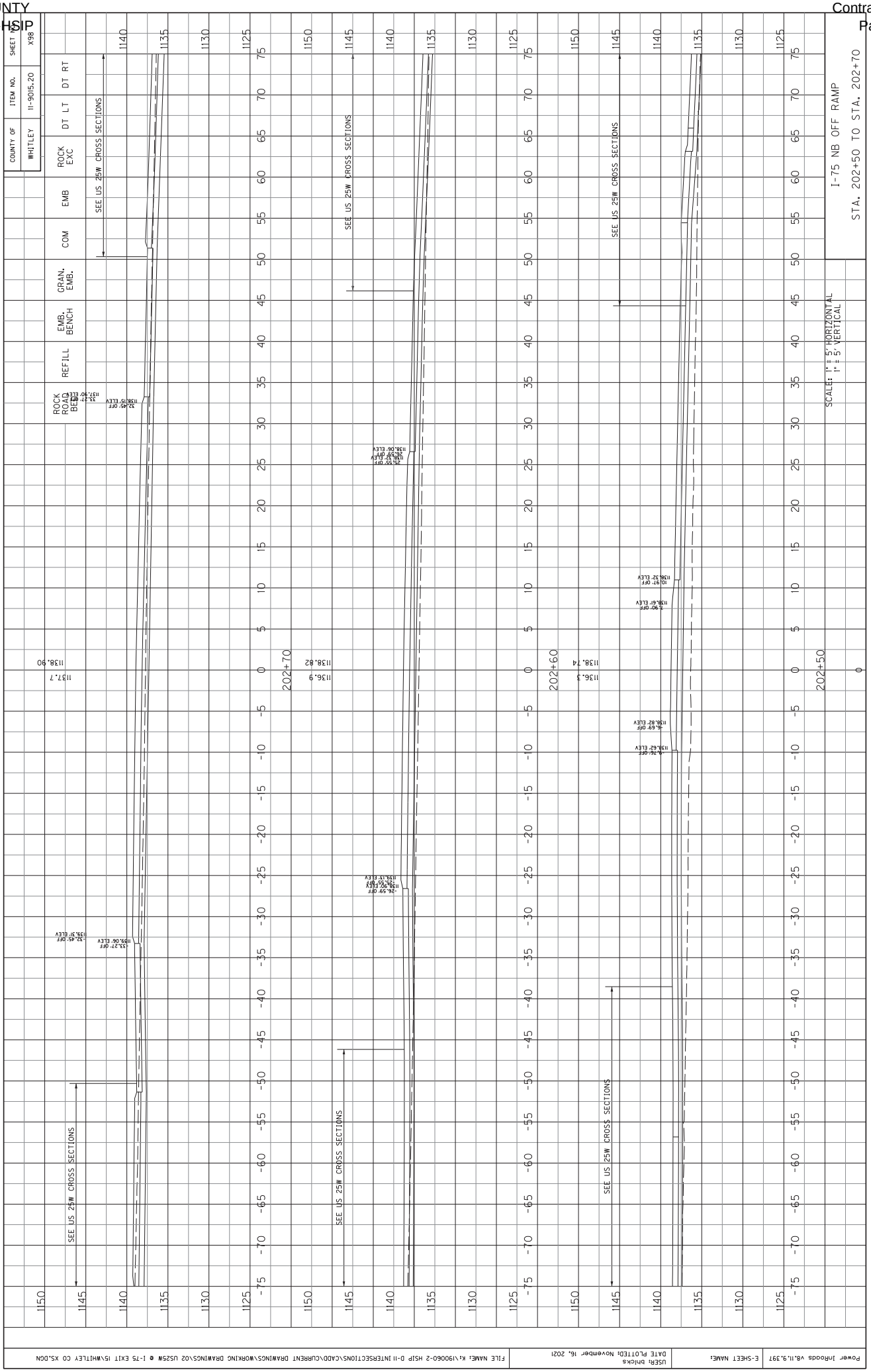

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X93
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 NB OFF RAMP
STA. 201+90 TO STA. 201+90
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
4:1
3:1
1136.59
1135.6
201+90
0

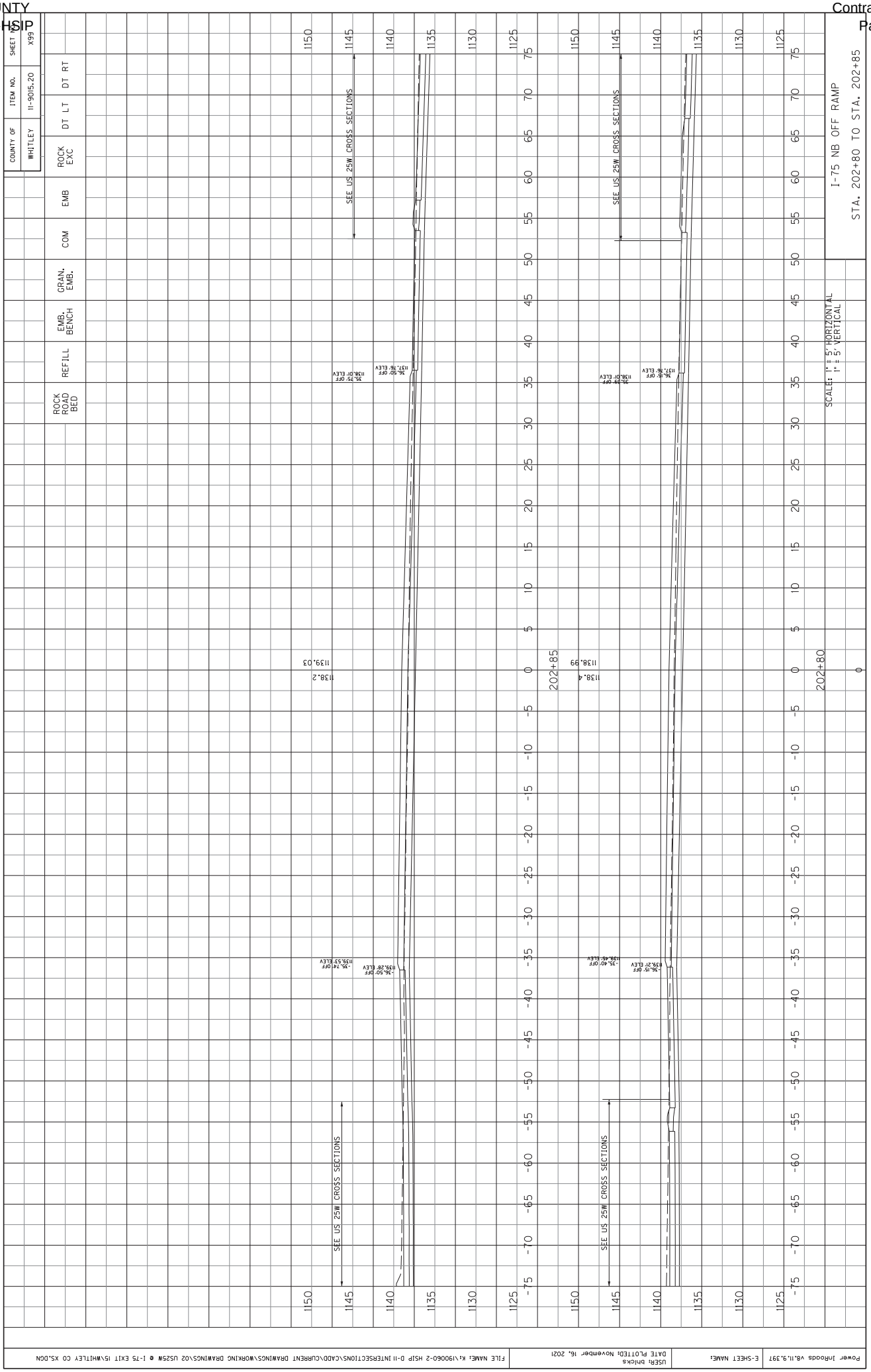

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X94
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 NB OFF RAMP
STA. 202+00 TO STA. 202+00
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130
1125
1120
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
202+00
4:1
3:1
1136.92
1135.7
16.52' OFF
1136.98' ELEV
16.34' OFF
1136.99' ELEV
12.09' OFF
1137.03' ELEV
11.32' OFF
1136.79' ELEV
9.37' OFF
1136.81' ELEV
-2.75' OFF
1136.99' ELEV
-4.76' OFF
1136.97' ELEV
-5.91' OFF
1137.22' ELEV
-10.72' OFF
1137.11' ELEV
-12.78' OFF
1137.08' ELEV

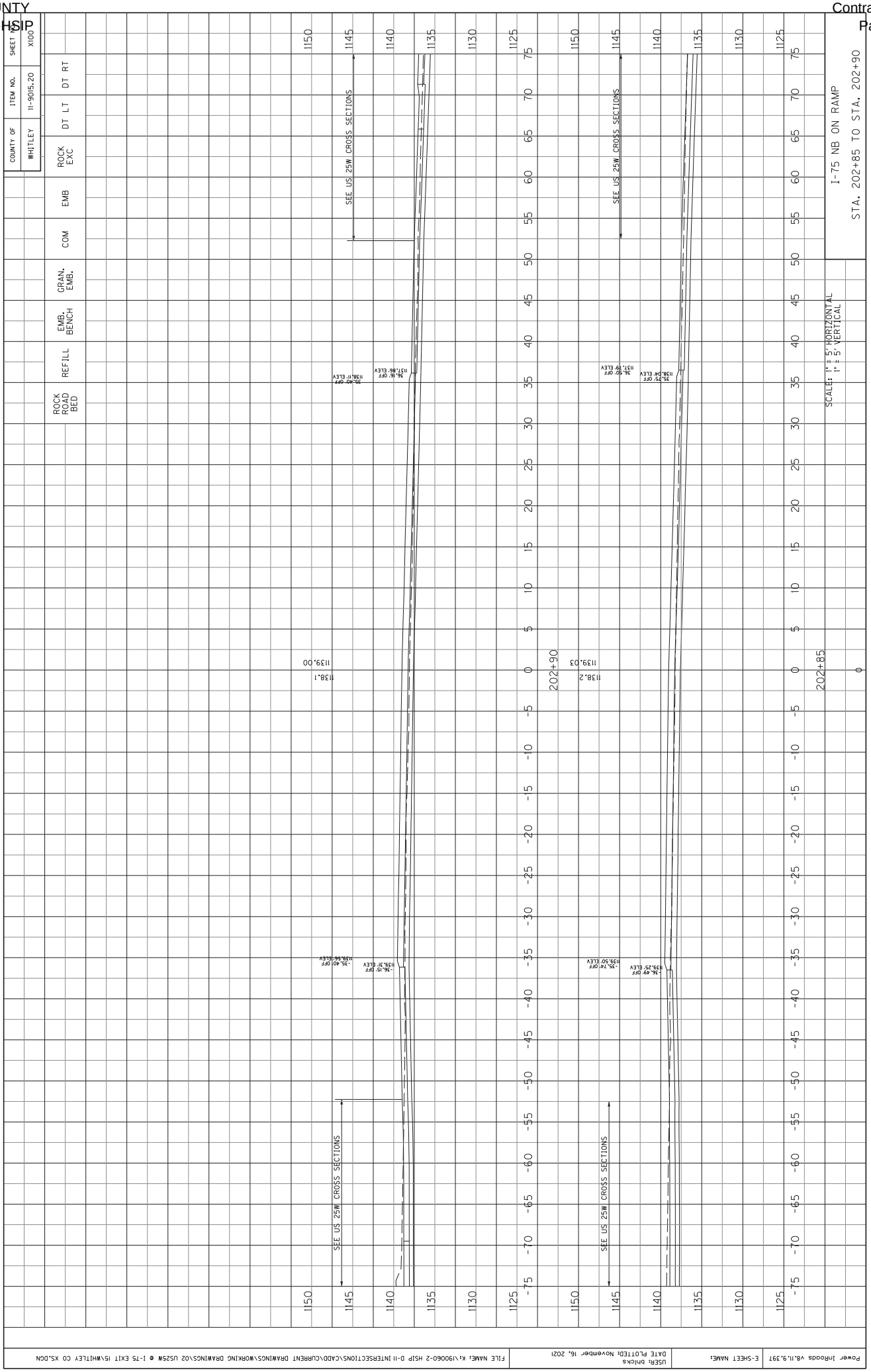

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X95
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 NB OFF RAMP
STA. 202+10 TO STA. 202+10
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
4:1
2:1
137.27
135.8
202+10
0
-3.96' OFF
1137.55' ELEV
-3.20' OFF
1137.31' ELEV
-1.51' OFF
1137.28' ELEV
11.24' OFF
1137.13' ELEV
13.33' OFF
1137.10' ELEV
14.11' OFF
1137.36' ELEV
23.22' OFF
1137.33' ELEV
23.57' OFF
1137.33' ELEV
-13.39' OFF
1137.42' ELEV
-15.46' OFF
1137.41' ELEV
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN
USER: bhicks
DATE PLOTTED: November 16, 2021
E-SHEET NAME:
Power InRoads v8.11.9.397

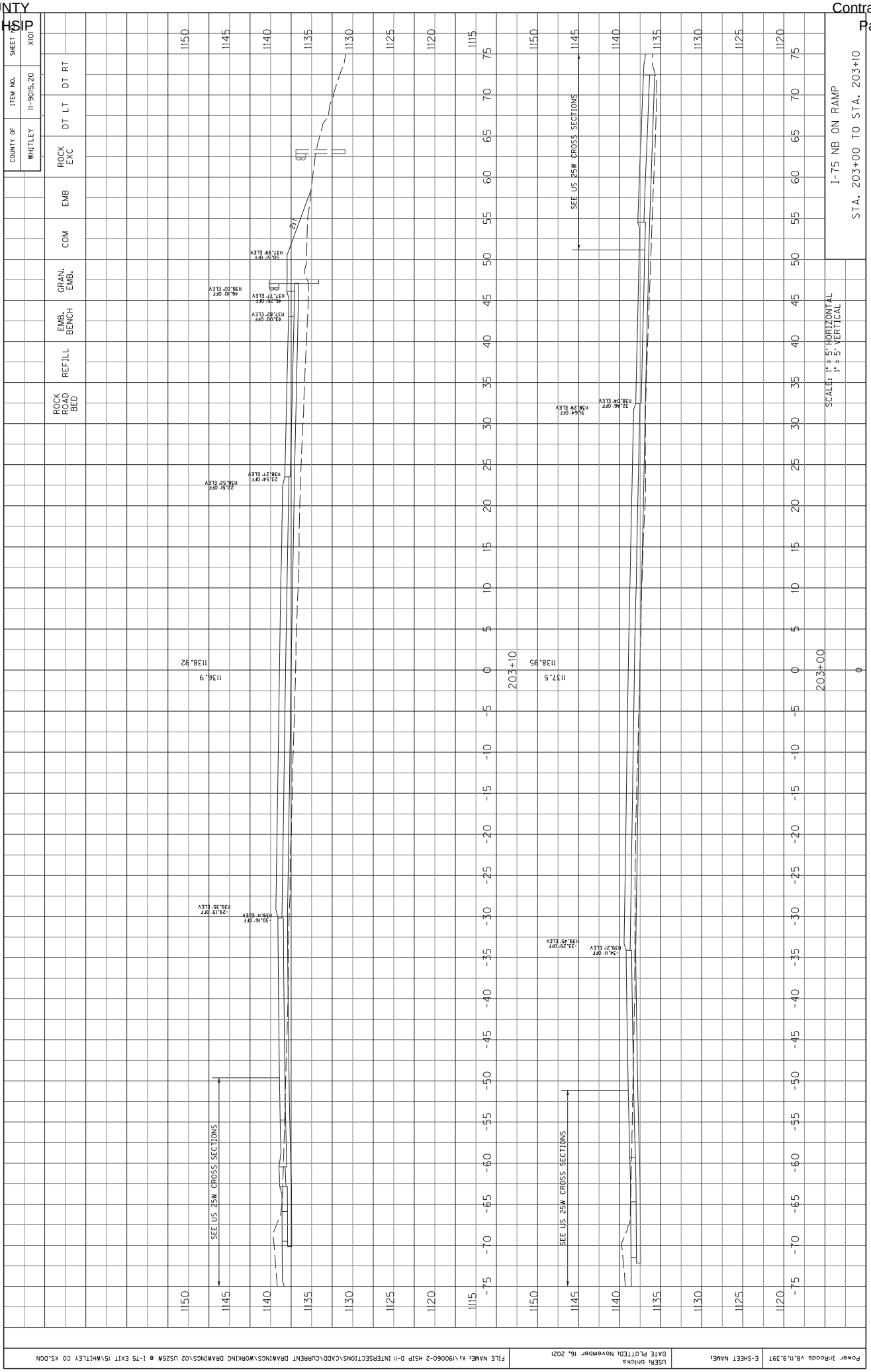

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X96
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 NB OFF RAMP
STA. 202+20 TO STA. 202+20
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
4:1
2:1
1137.65
1136.0
202+20
0
5
10
15
20
25
30
35
40
45
50
55
60
65
70
75
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
1170
1165
1160
1155
1150
1145
1140
1135
1130
1125
1120
-1.05' OFF
1137.89' ELEV
L.88' OFF
1137.68' ELEV
-0.35' OFF
1137.68' ELEV
-17.90' OFF
1137.92' ELEV
-17.52' OFF
1137.92' ELEV
18.01' OFF
1137.69' ELEV
14.95' OFF
1137.48' ELEV
17.19' OFF
1137.43' ELEV
23.73' OFF
1137.68' ELEV
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

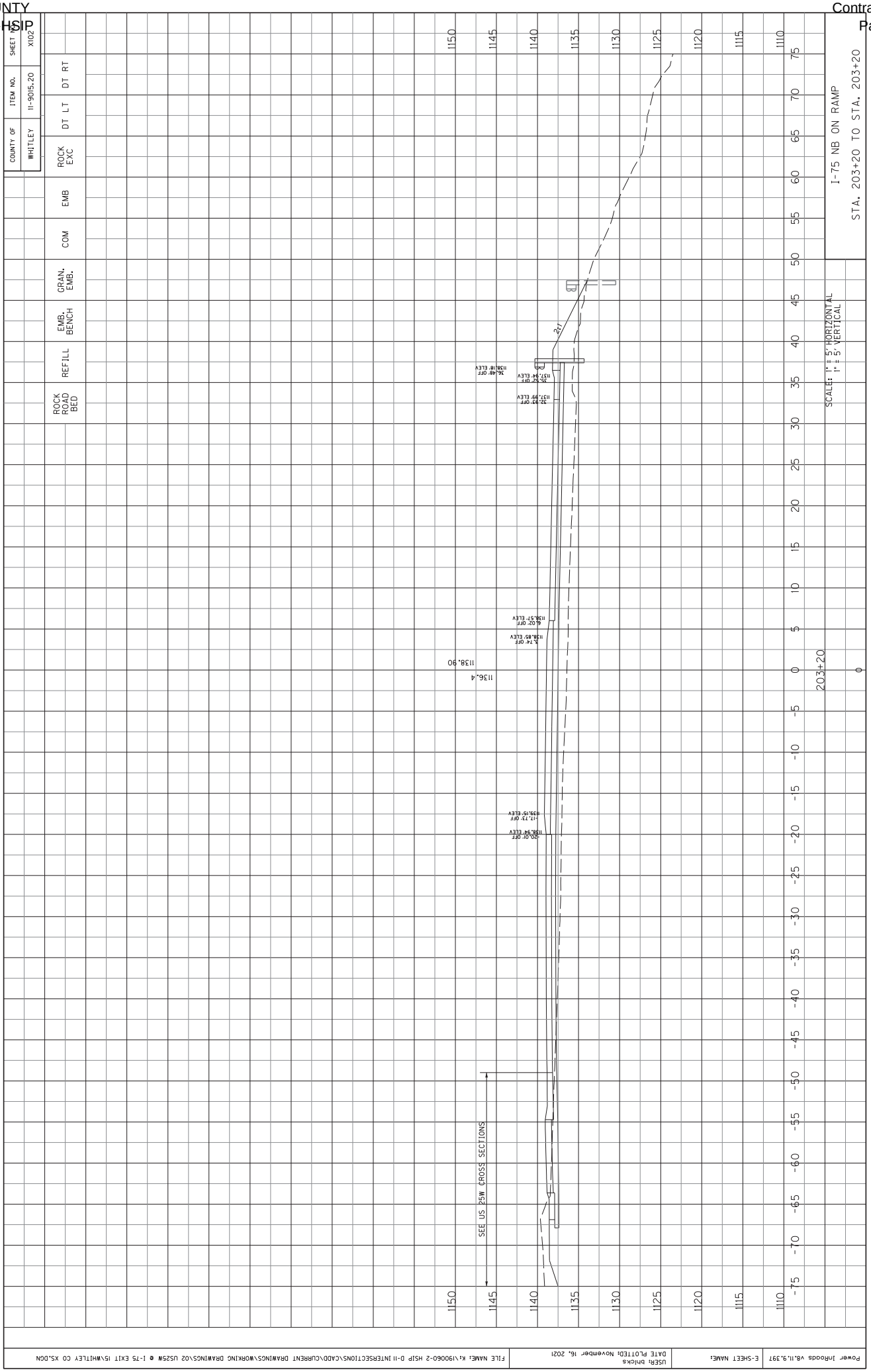

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X97
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 NB OFF RAMP
STA. 202+30 TO STA. 202+40
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
SEE US 25W CROSS SECTIONS
4:1
3:1
1138.30
1136.1
1138.27
1136.0
202+40
202+30
52.27' OFF
1137.59' ELEV
48.10' OFF
1137.69' ELEV
32.79' OFF
1137.78' ELEV
29.56' OFF
1137.86' ELEV
39.40' OFF
1137.43' ELEV
36.37' OFF
1137.68' ELEV
24.29' OFF
1137.94' ELEV
23.32' OFF
1137.69' ELEV
20.78' OFF
1137.74' ELEV
6.47' OFF
1137.98' ELEV
3.51' OFF
1138.04' ELEV
-2.91' OFF
1138.39' ELEV
-23.81' OFF
1138.42' ELEV
-26.34' OFF
1138.41' ELEV

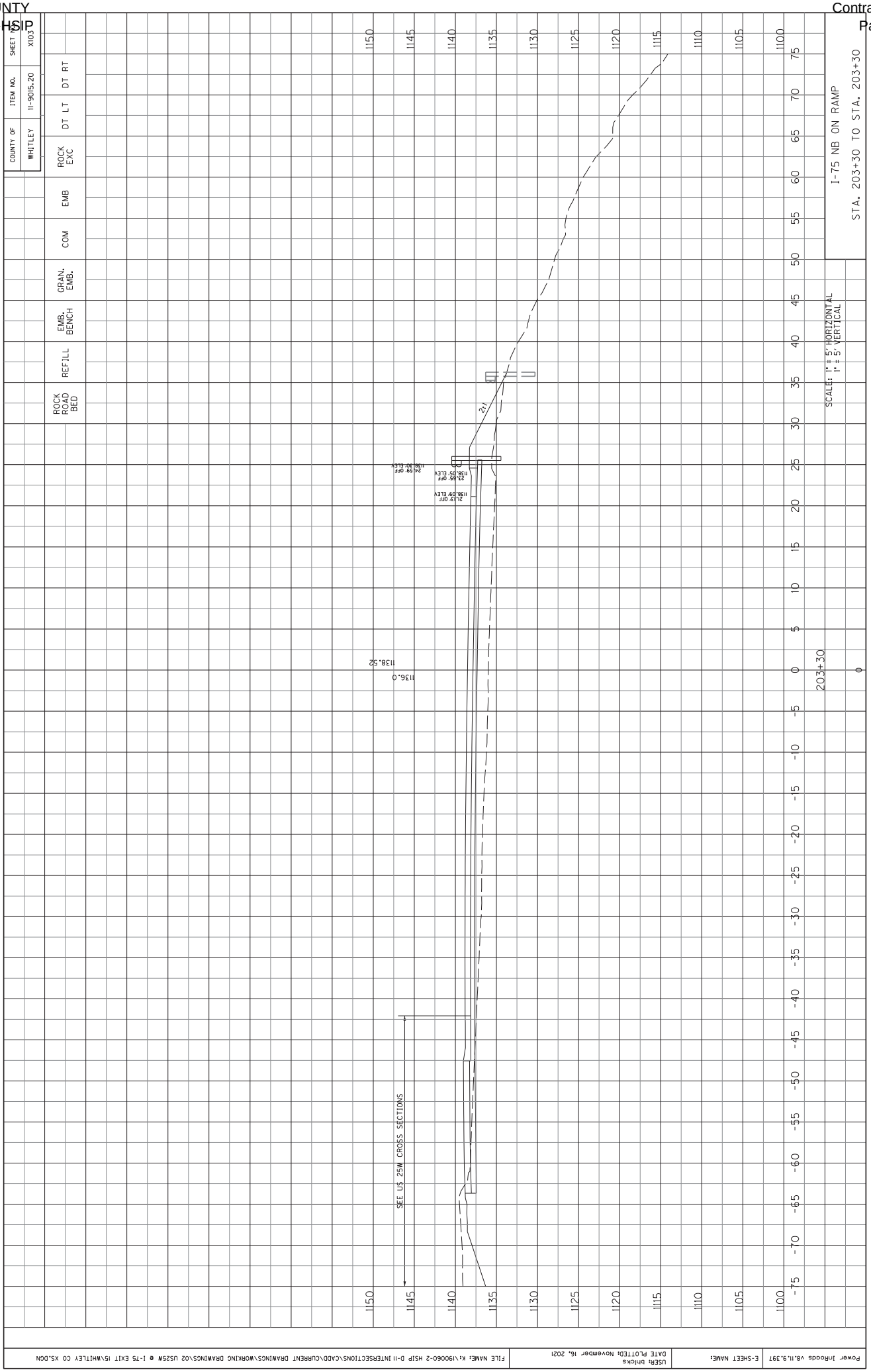

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X98
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROADBED
I-75 NB OFF RAMP
STA. 202+50 TO STA. 202+70
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
SEE US 25W CROSS SECTIONS
202+70
202+60
202+50
1138.90
1137.7
1138.82
1136.9
1138.74
1136.3
1138.06' ELEV
1138.17' ELEV
1138.32' ELEV
1138.67' ELEV
1138.62' ELEV
1138.82' ELEV
1139.37' ELEV
1137.90' ELEV
1138.15' ELEV
-32.45' OFF
-33.27' OFF
-26.59' OFF
-4.90' OFF
-9.76' OFF
-6.69' OFF
-10.97' OFF
-25.55' OFF

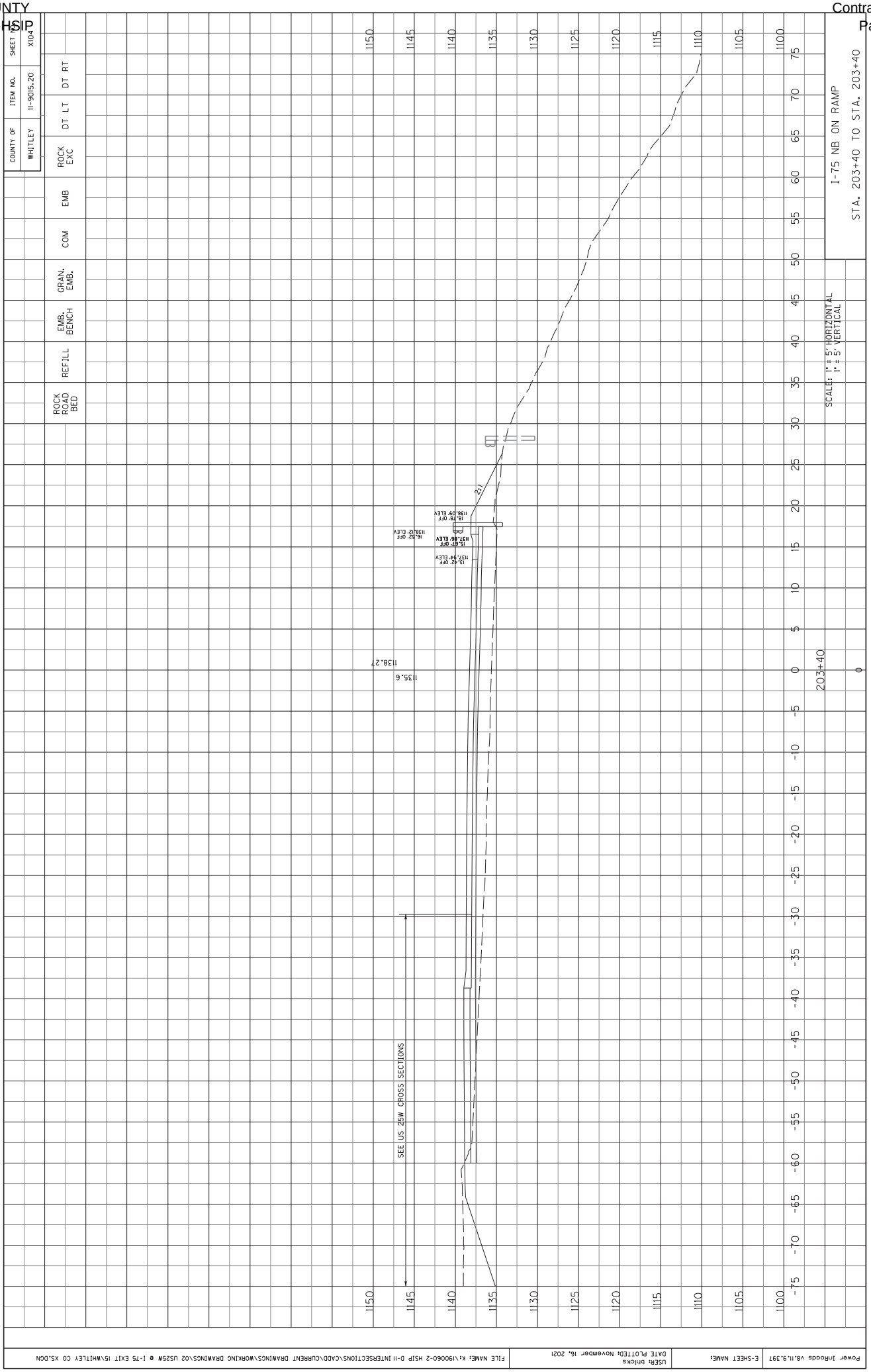

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X99
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 NB OFF RAMP
STA. 202+80 TO STA. 202+85
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
SEE US 25W CROSS SECTIONS
1138.2
1139.03
1138.4
1138.99
202+85
202+80
36.50' OFF
1138.0' ELEV
35.75' OFF
1137.76' ELEV
36.19' OFF
1138.0' ELEV
35.99' OFF
1137.76' ELEV
-36.50' OFF
1139.28' ELEV
-35.74' OFF
1139.53' ELEV
-36.19' OFF
1139.21' ELEV
-35.40' OFF
1139.46' ELEV

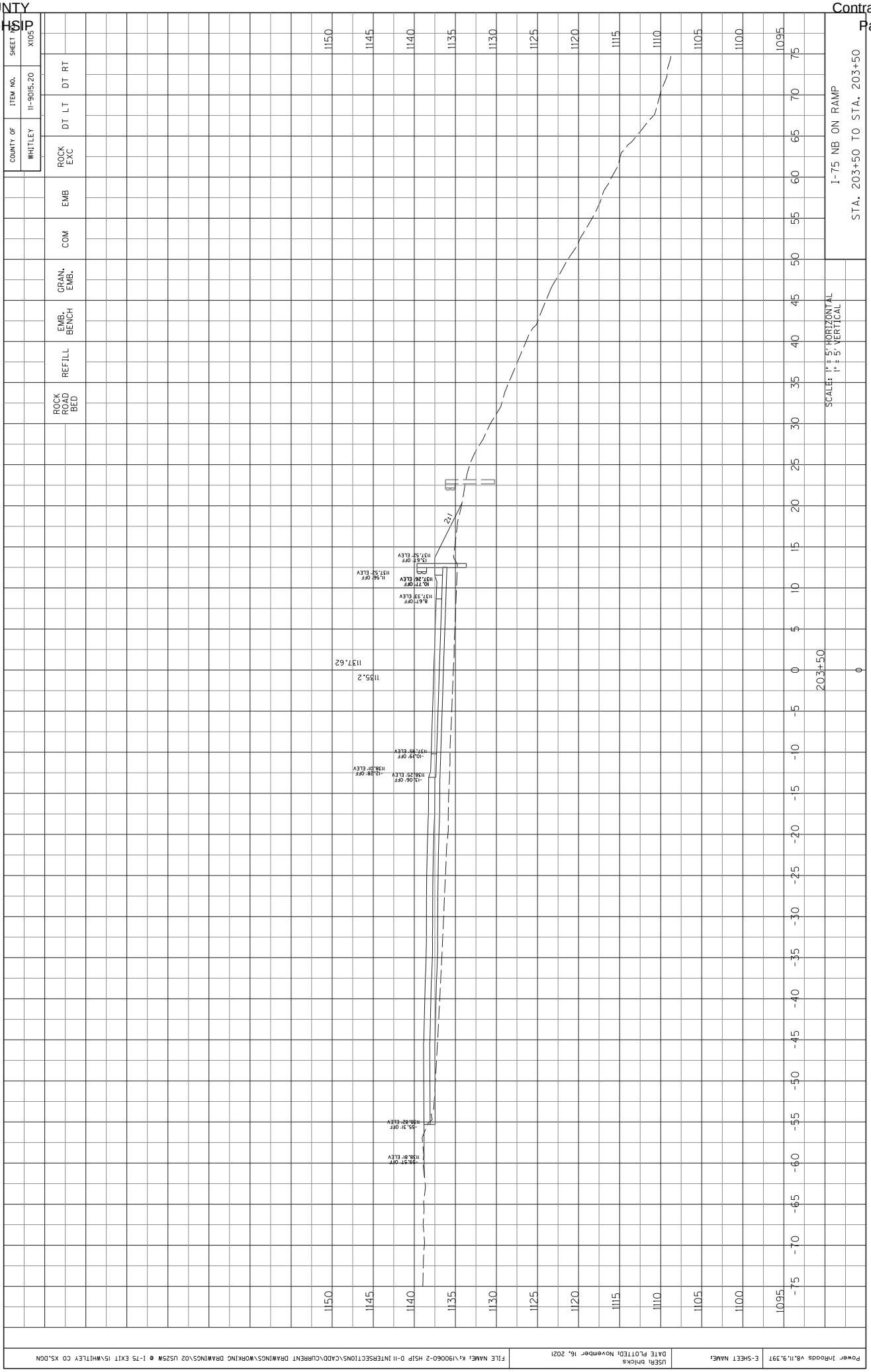

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X100
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 NB ON RAMP
STA. 202+85 TO STA. 202+90
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
SEE US 25W CROSS SECTIONS
SEE US 25W CROSS SECTIONS
SEE US 25W CROSS SECTIONS
SEE US 25W CROSS SECTIONS
1139.00
1138.1
1139.03
1138.2
202+90
202+85
36.16' OFF
1136.11' ELEV
35.40' OFF
1137.86' ELEV
36.50' OFF
1137.79' ELEV
35.75' OFF
1138.04' ELEV
-36.19' OFF
1135.31' ELEV
-35.40' OFF
1138.66' ELEV
-35.74' OFF
1139.50' ELEV
-36.49' OFF
1139.25' ELEV
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

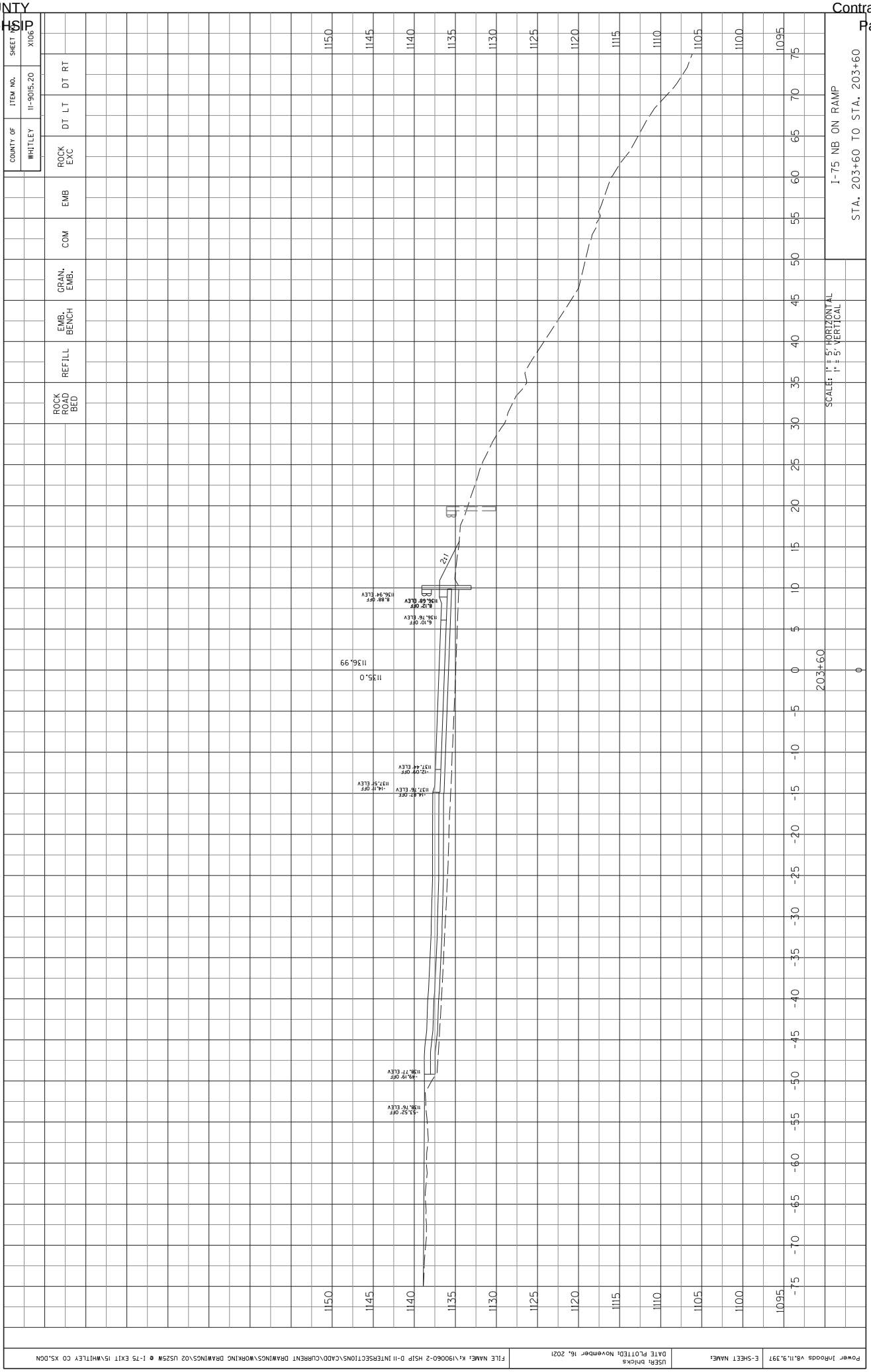

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X101
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 NB ON RAMP
STA. 203+00 TO STA. 203+10
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
SEE US 25W CROSS SECTIONS
SEE US 25W CROSS SECTIONS
203+10
203+00
1138.92
1136.9
1138.95
1137.5
1150
1145
1140
1135
1130
1125
1120
1115
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75

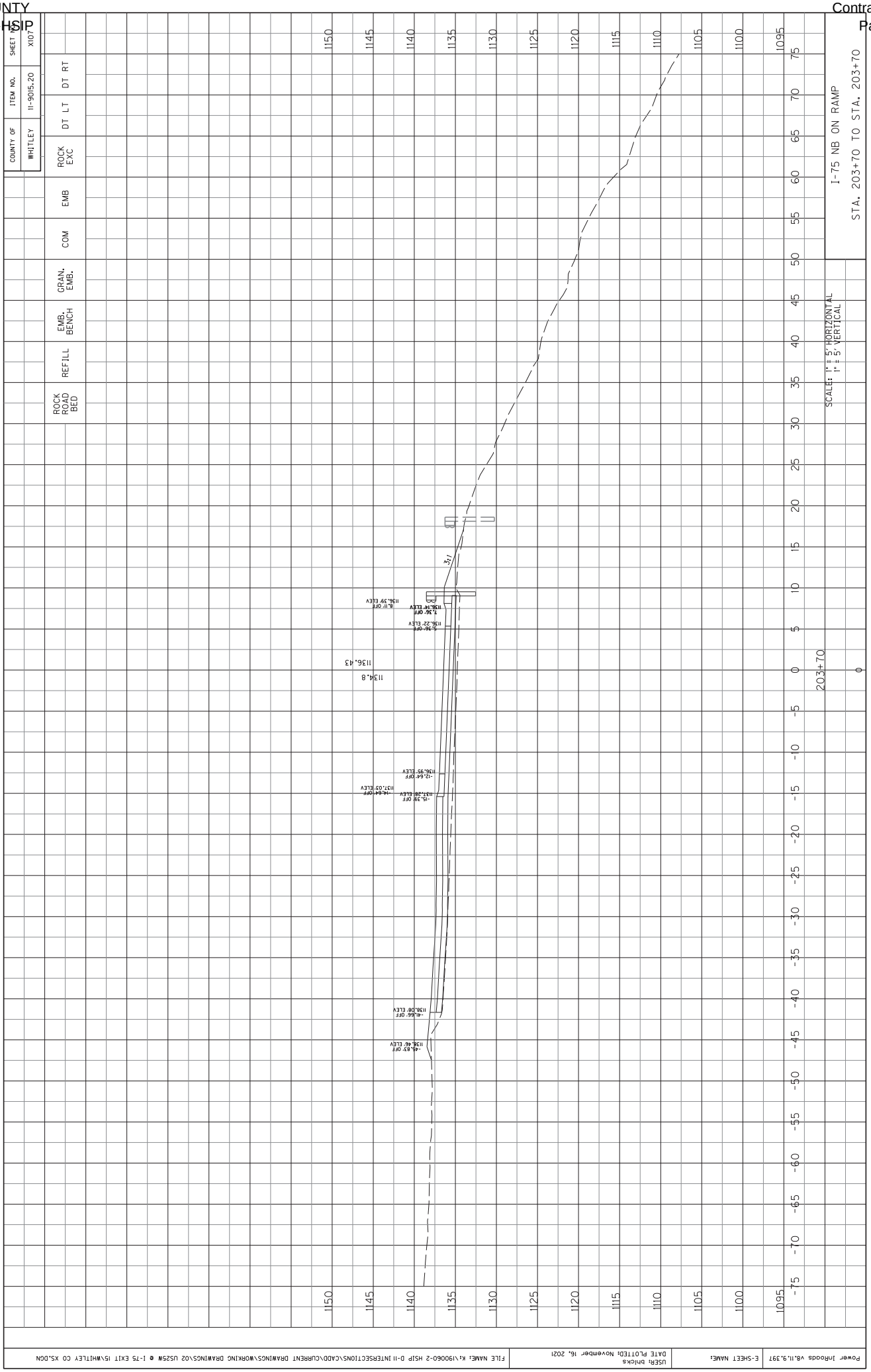

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X102
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 NB ON RAMP
STA. 203+20 TO STA. 203+20
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
2:1
SEE US 25W CROSS SECTIONS
1138.90
1136.4
1150
1145
1140
1135
1130
1125
1120
1115
1110
203+20
Power InRoads v8.11.9.397
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN


SHEET NO. X103
ITEM NO. 11-9015.20
COUNTY OF WHITLEY
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 NB ON RAMP
STA. 203+30 TO STA. 203+30
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
2:1
1138.52
1136.0
SEE US 25W CROSS SECTIONS
1150
1145
1140
1135
1130
1125
1120
1115
1110
1105
1100
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
203+30
0
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

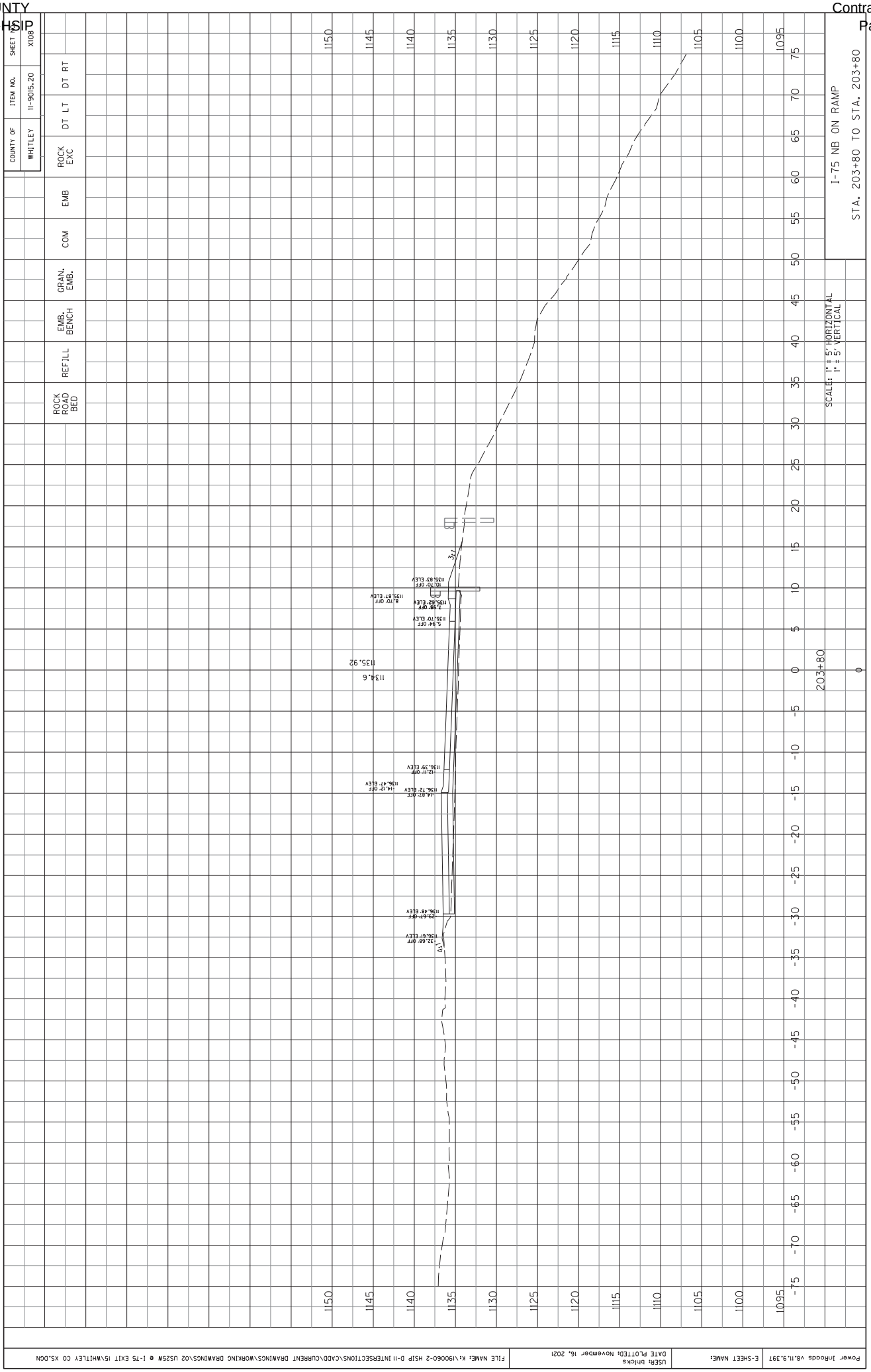

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X104
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 NB ON RAMP
STA. 203+40 TO STA. 203+40
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
203+40
1138.27
1135.6
SEE US 25W CROSS SECTIONS
2:1
1150
1145
1140
1135
1130
1125
1120
1115
1110
1105
1100
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

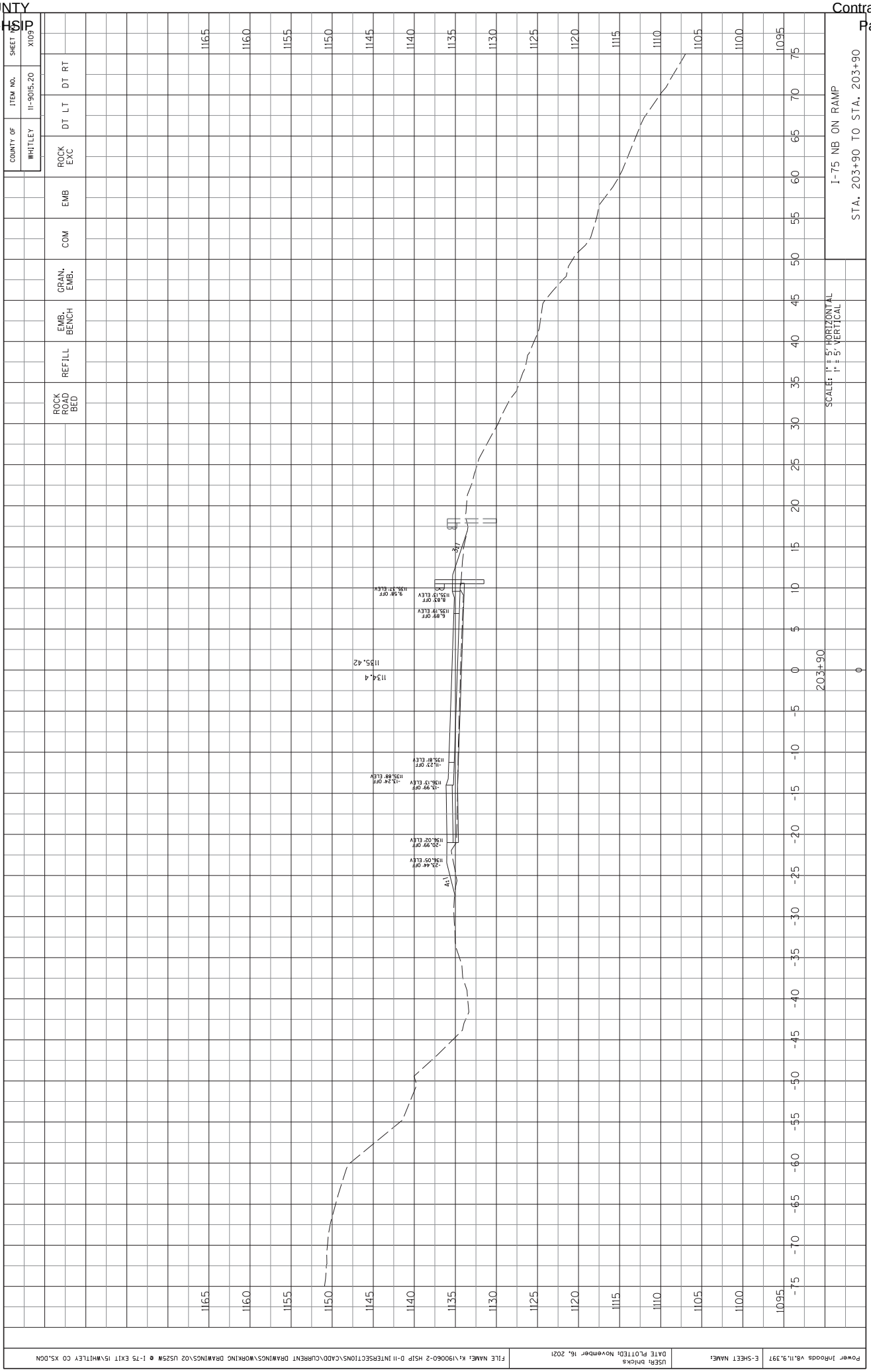

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X105
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 NB ON RAMP
STA. 203+50 TO STA. 203+50
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
203+50
1137.62
1135.2
2:1
6%
13.67' OFF
1137.52' ELEV
11.56' OFF
1137.52' ELEV
10.77' OFF
1137.26' ELEV
8.67' OFF
1137.33' ELEV
-10.19' OFF
1137.39' ELEV
-13.06' OFF
1138.25' ELEV
-12.28' OFF
1138.07' ELEV
-55.31' OFF
1138.62' ELEV
-59.57' OFF
1138.81' ELEV

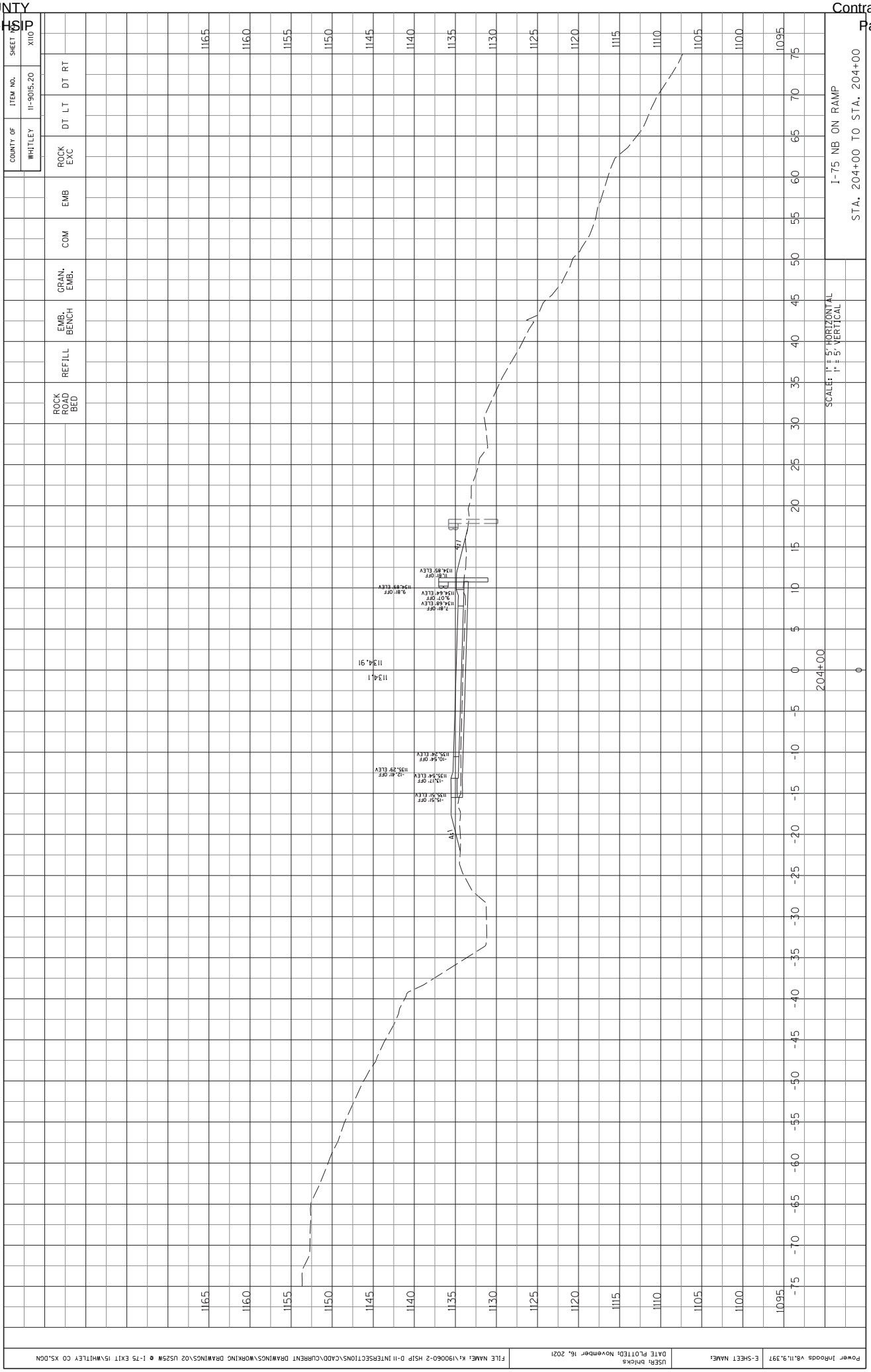

SHEET NO. X106
ITEM NO. 11-9015.20
COUNTY OF WHITLEY
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 NB ON RAMP
STA. 203+60 TO STA. 203+60
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
203+60
1135.0
1136.99
2:1
Power Inroads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

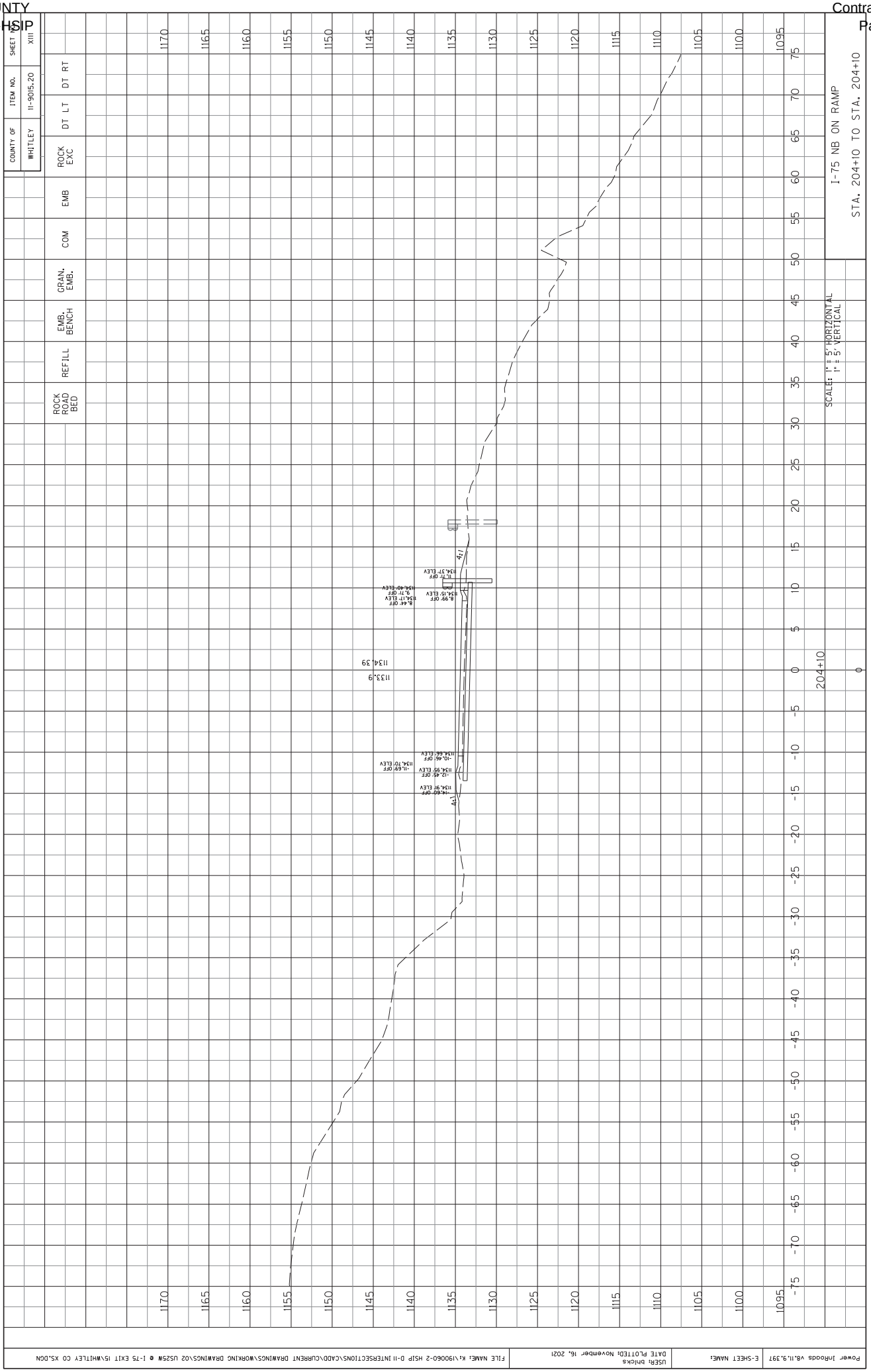


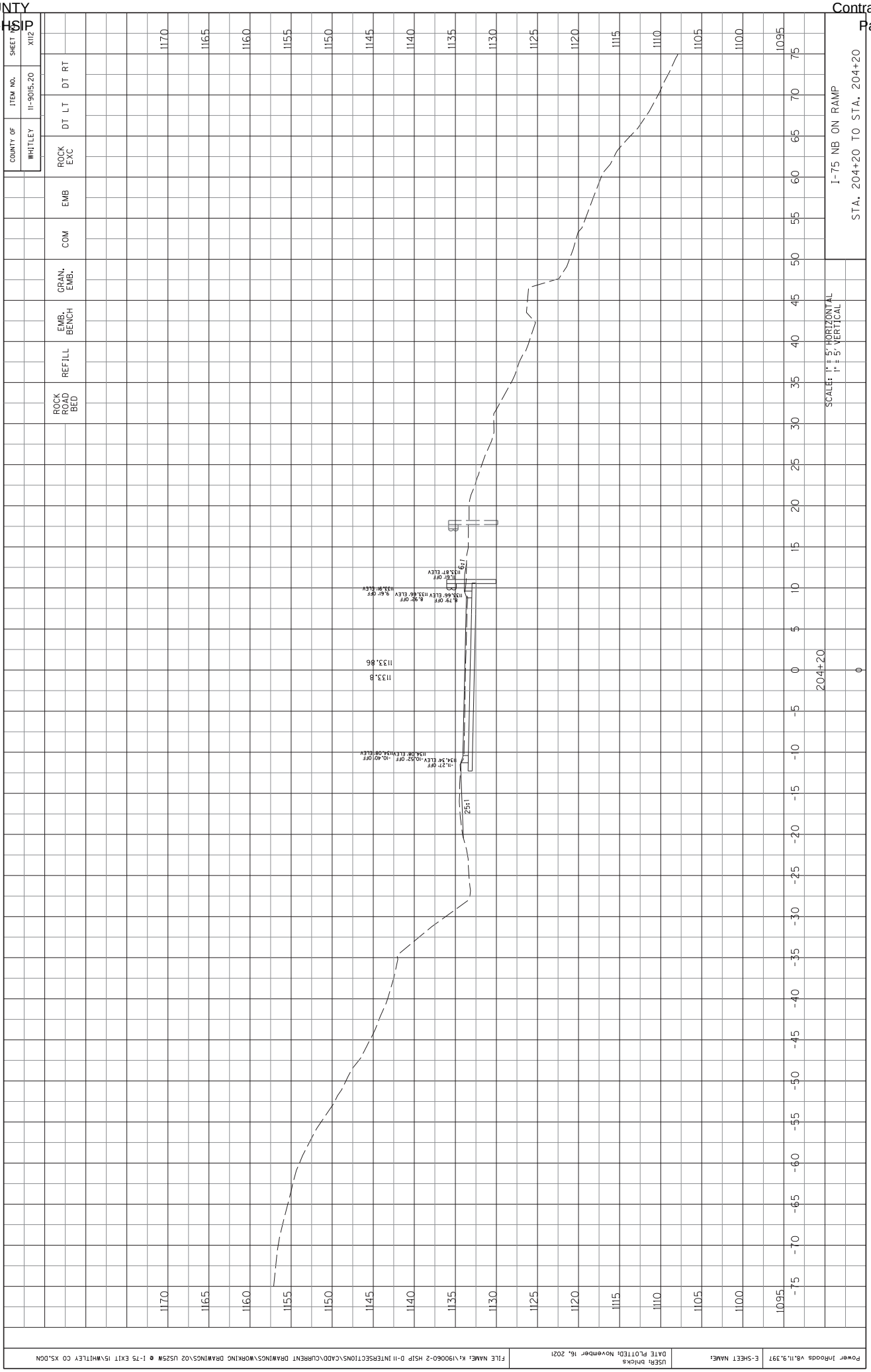
Power InRoads v8.11.9.397 | E-SHEET NAME: | USER: bhicks DATE PLOTTED: November 16, 2021 | FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

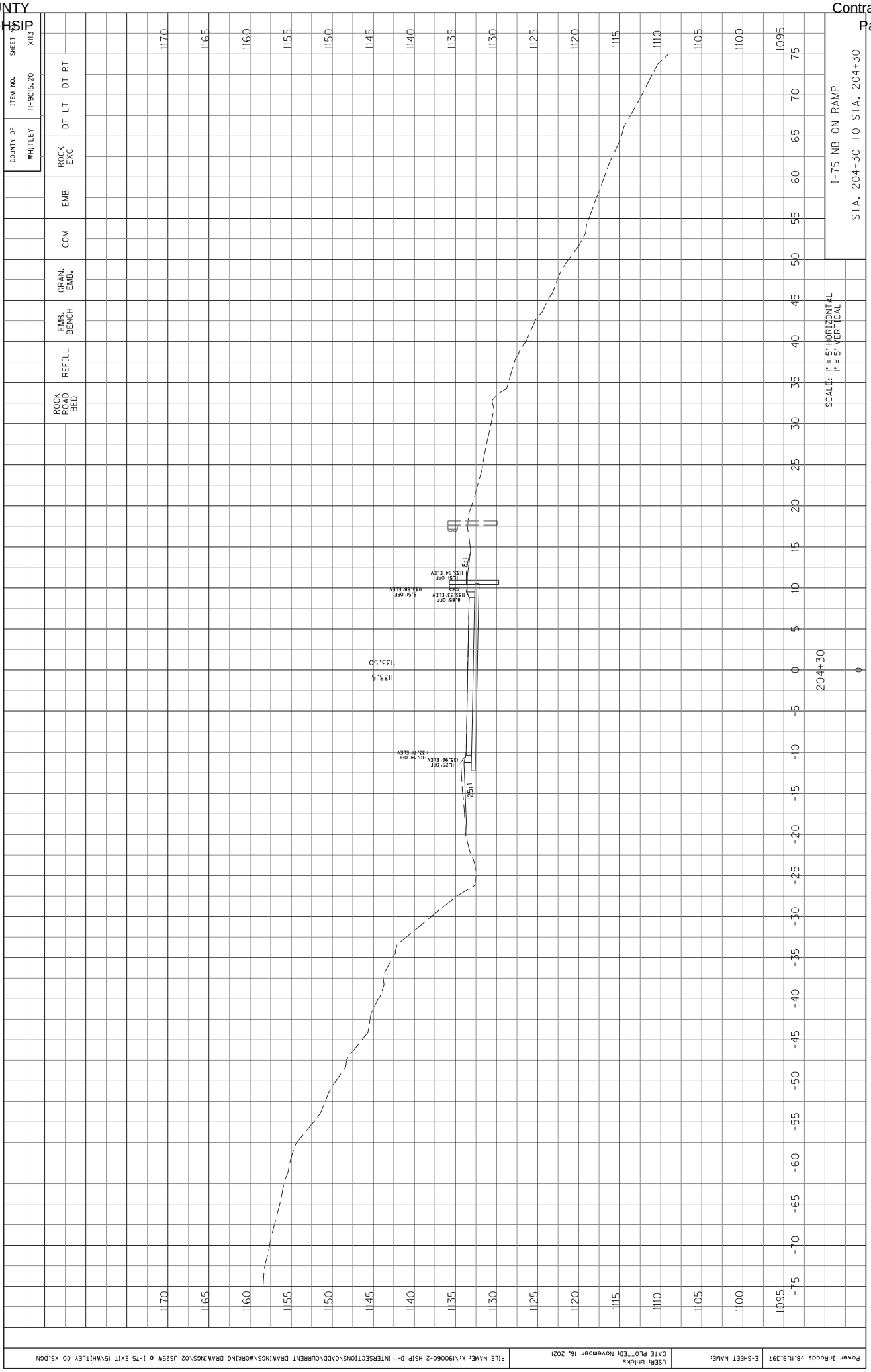

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X108
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 NB ON RAMP
STA. 203+80 TO STA. 203+80
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
203+80
1134.6
1135.92
1135.87 ELEV
10.70' OFF
1135.87 ELEV
8.70' OFF
1135.62' ELEV
7.99' OFF
1135.70' ELEV
5.94' OFF
1136.39' ELEV
-12.11' OFF
1136.72' ELEV
-14.87' OFF
1136.47' ELEV
-14.12' OFF
1136.48' ELEV
-29.67' OFF
1136.67' ELEV
-32.68' OFF
3:1
4:1
1150
1145
1140
1135
1130
1125
1120
1115
1110
1105
1100
1095

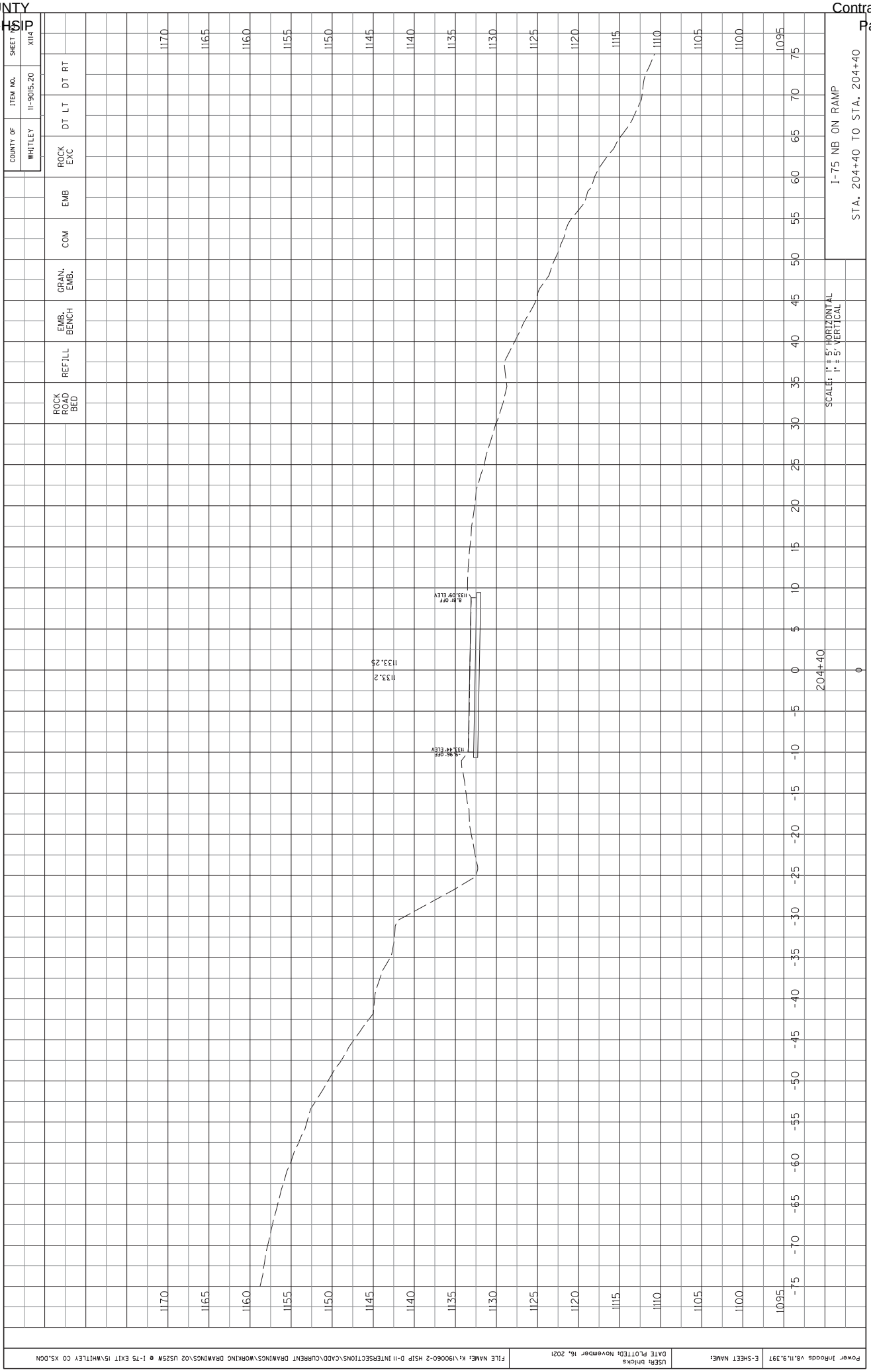

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X109
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 NB ON RAMP
STA. 203+90 TO STA. 203+90
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
203+90
1134.4
1135.42
6.89' OFF
1135.19' ELEV
8.89' OFF
1135.13' ELEV
9.59' OFF
1135.17' ELEV
-11.27' OFF
1135.81' ELEV
-13.99' OFF
1136.13' ELEV
-13.24' OFF
1135.88' ELEV
-20.99' OFF
1136.02' ELEV
-23.44' OFF
1136.05' ELEV
3:1
4:1
1165
1160
1155
1150
1145
1140
1135
1130
1125
1120
1115
1110
1105
1100
1095

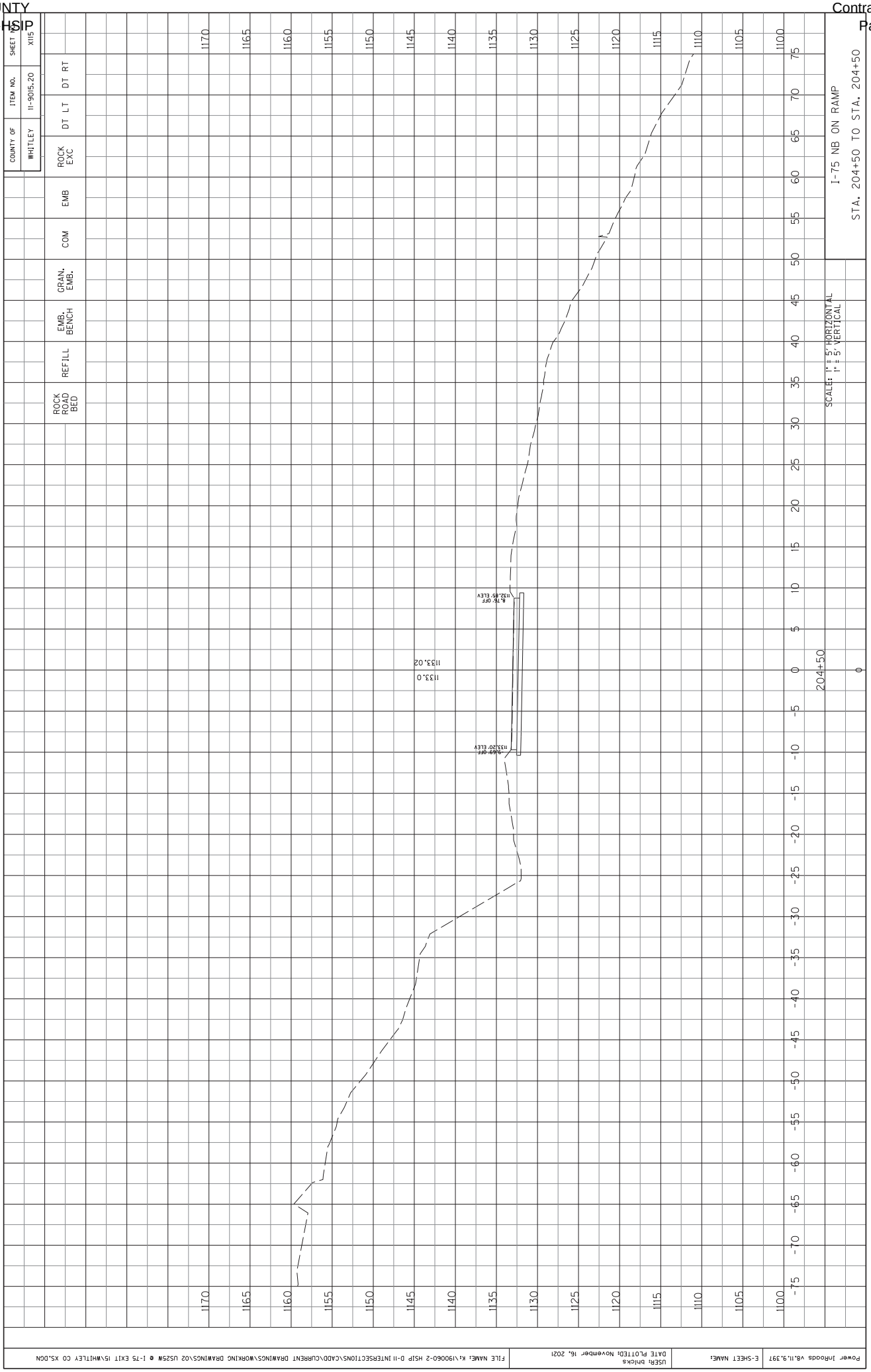

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X110
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 NB ON RAMP
STA. 204+00 TO STA. 204+00
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
204+00
1134.91
1134.1
9.81' OFF
1134.89' ELEV
7.88' OFF
1134.68' ELEV
9.07' OFF
1134.64' ELEV
11.81' OFF
1134.89' ELEV
-10.54' OFF
1135.24' ELEV
-12.41' OFF
1135.29' ELEV
-13.17' OFF
1135.54' ELEV
-15.51' OFF
1135.91' ELEV
427
411
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

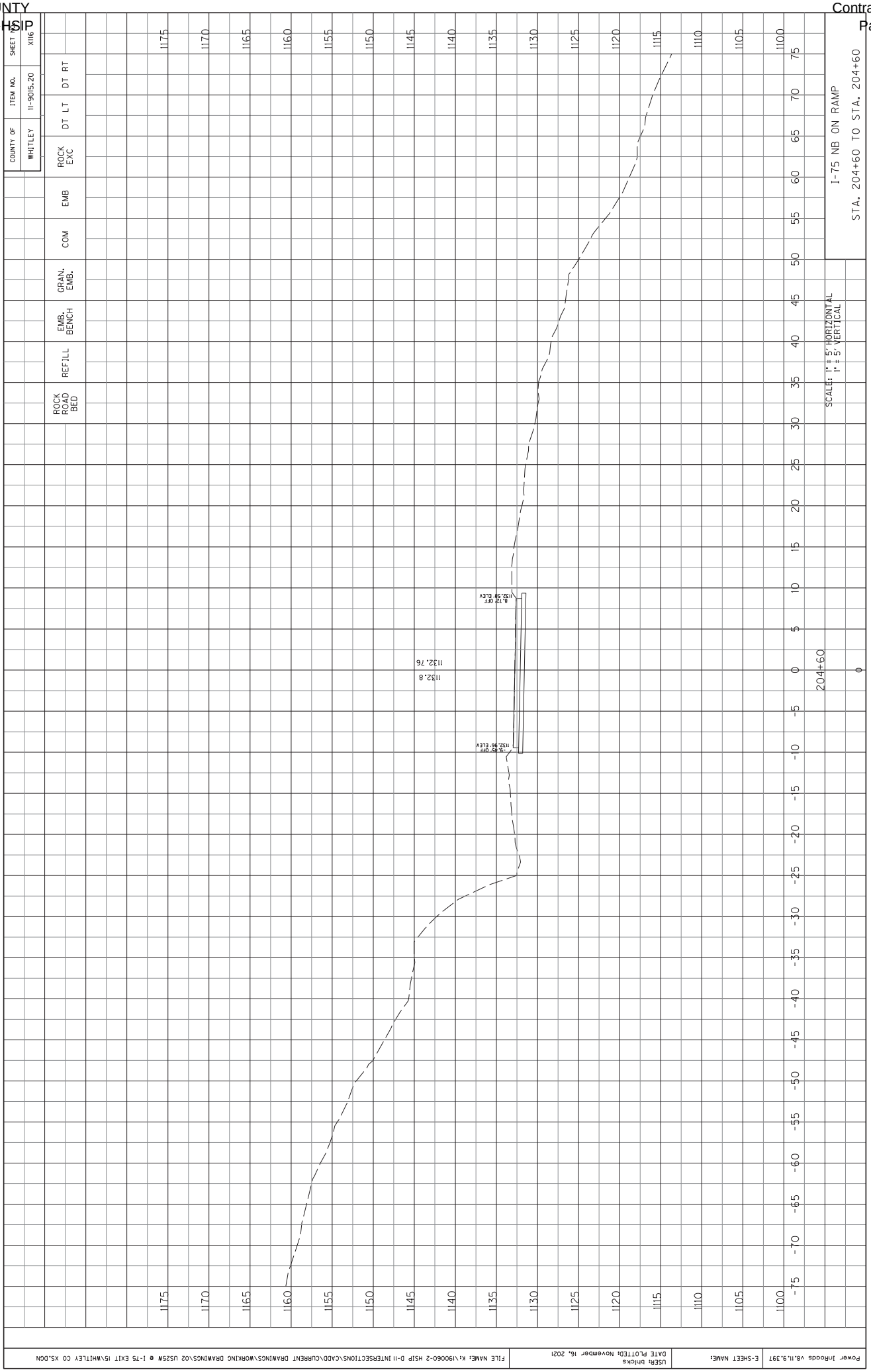

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. XIII
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 NB ON RAMP
STA. 204+10 TO STA. 204+10
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
204+10
1134.39
1133.9
8.99' OFF
1134.19' ELEV
8.44' OFF
1134.17' ELEV
9.71' OFF
1134.40' ELEV
11.71' OFF
1134.37' ELEV
-10.46' OFF
1134.66' ELEV
-11.69' OFF
1134.70' ELEV
-12.45' OFF
1134.95' ELEV
-14.60' OFF
1134.91' ELEV
4:1
4:1

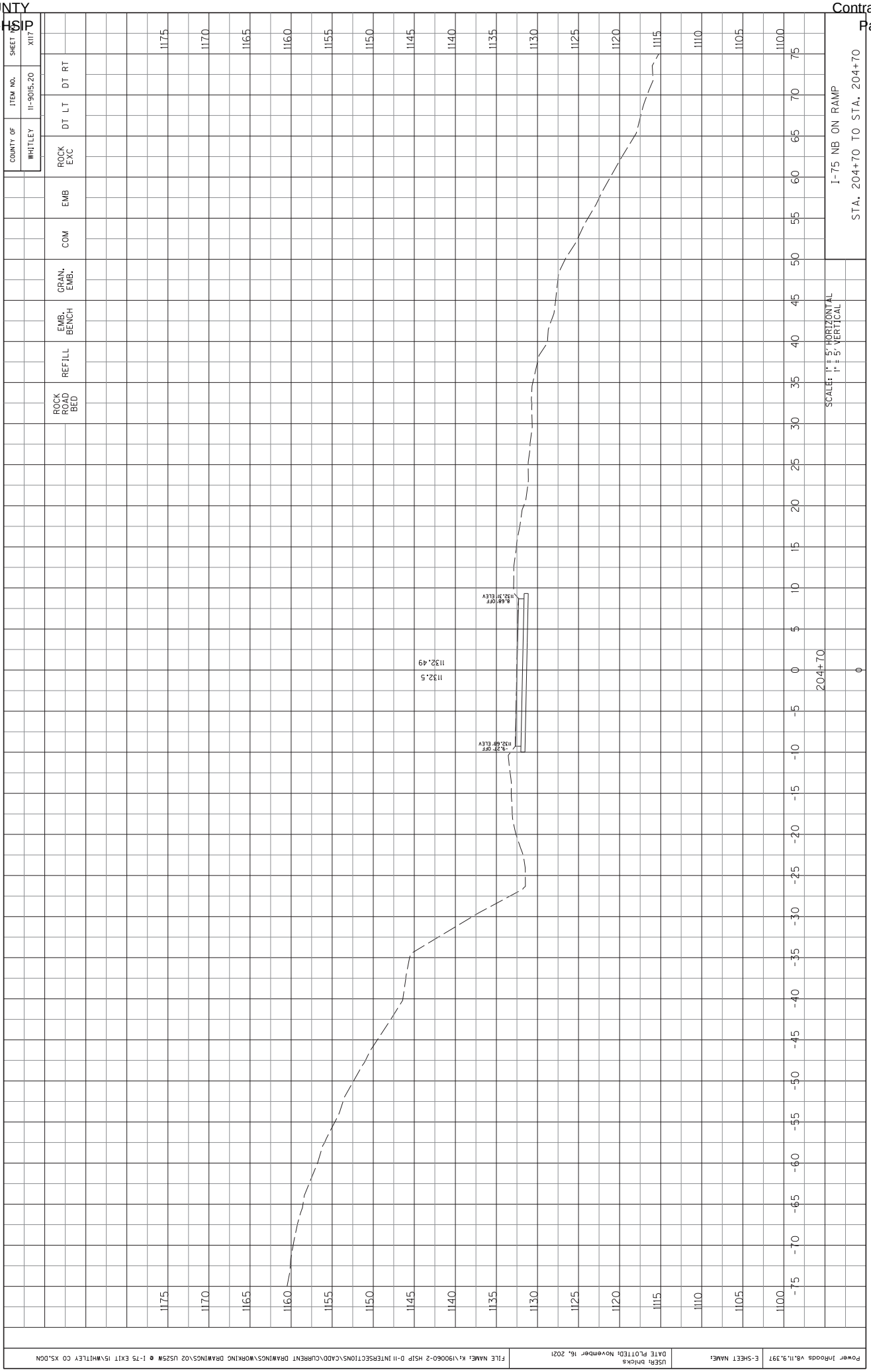

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. XII2
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 NB ON RAMP
STA. 204+20 TO STA. 204+20
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
204+20
1133.86
1133.8
25:1
12:1
Power InRoads v8.11.9.397
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

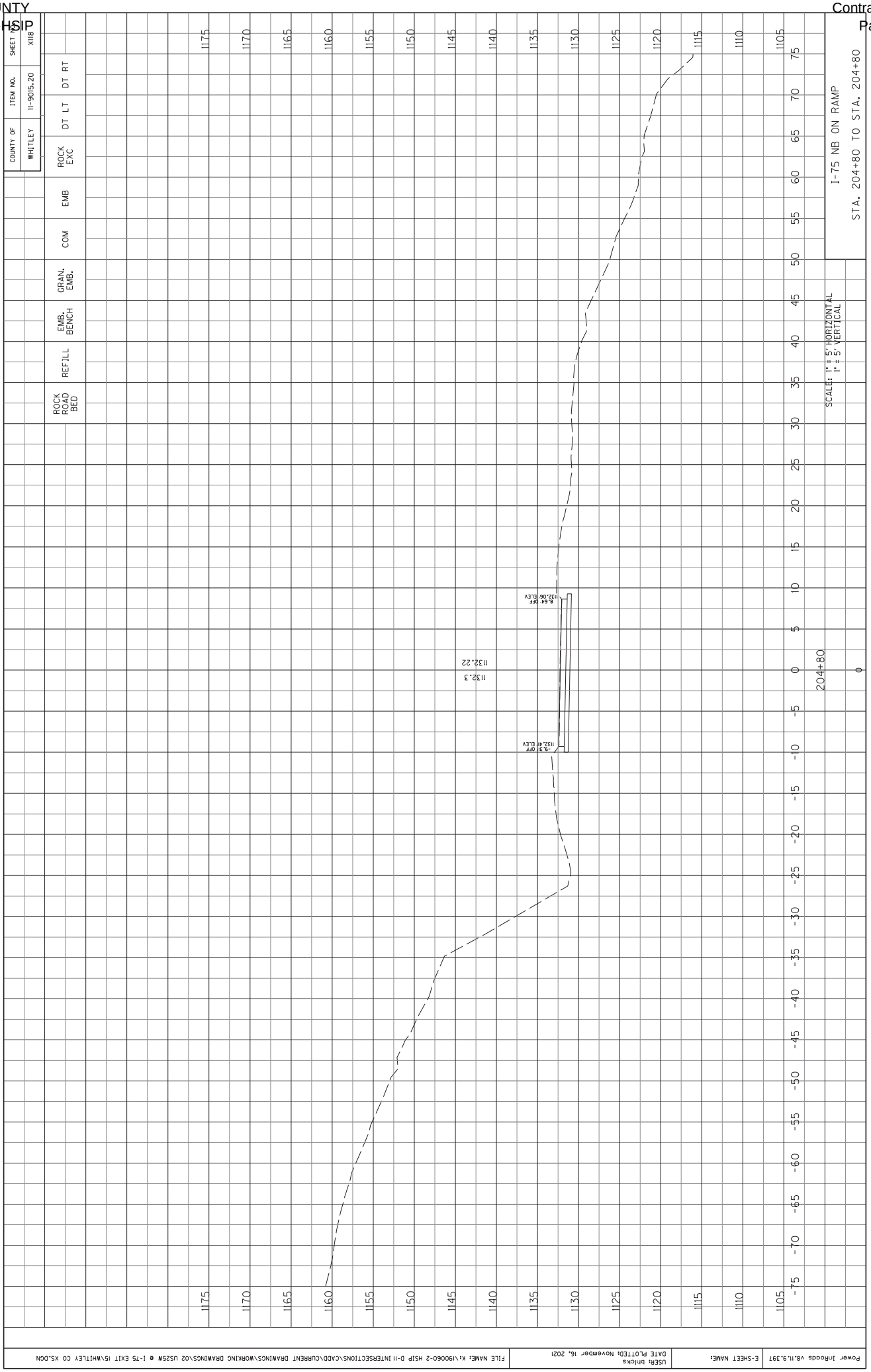

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X113
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 NB ON RAMP
STA. 204+30 TO STA. 204+30
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
204+30
1133.50
1133.5
25:1
1170
1165
1160
1155
1150
1145
1140
1135
1130
1125
1120
1115
1110
1105
1100
1095

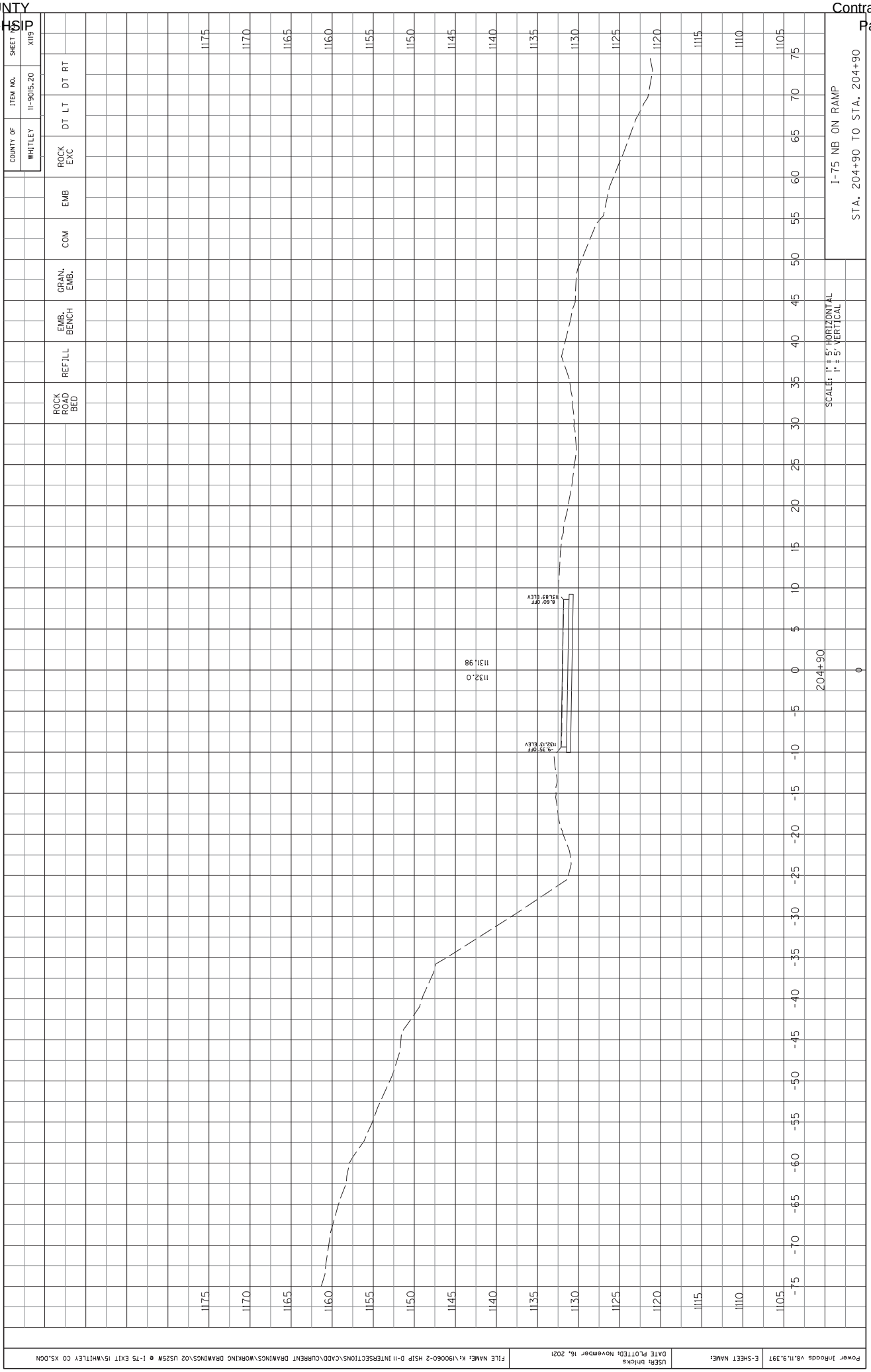

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X114
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 NB ON RAMP
STA. 204+40 TO STA. 204+40
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
204+40
1133.25
1133.2
8.81' OFF
1133.09' ELEV
9.96' OFF
1133.14' ELEV
1170
1165
1160
1155
1150
1145
1140
1135
1130
1125
1120
1115
1110
1105
1100
1095
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75

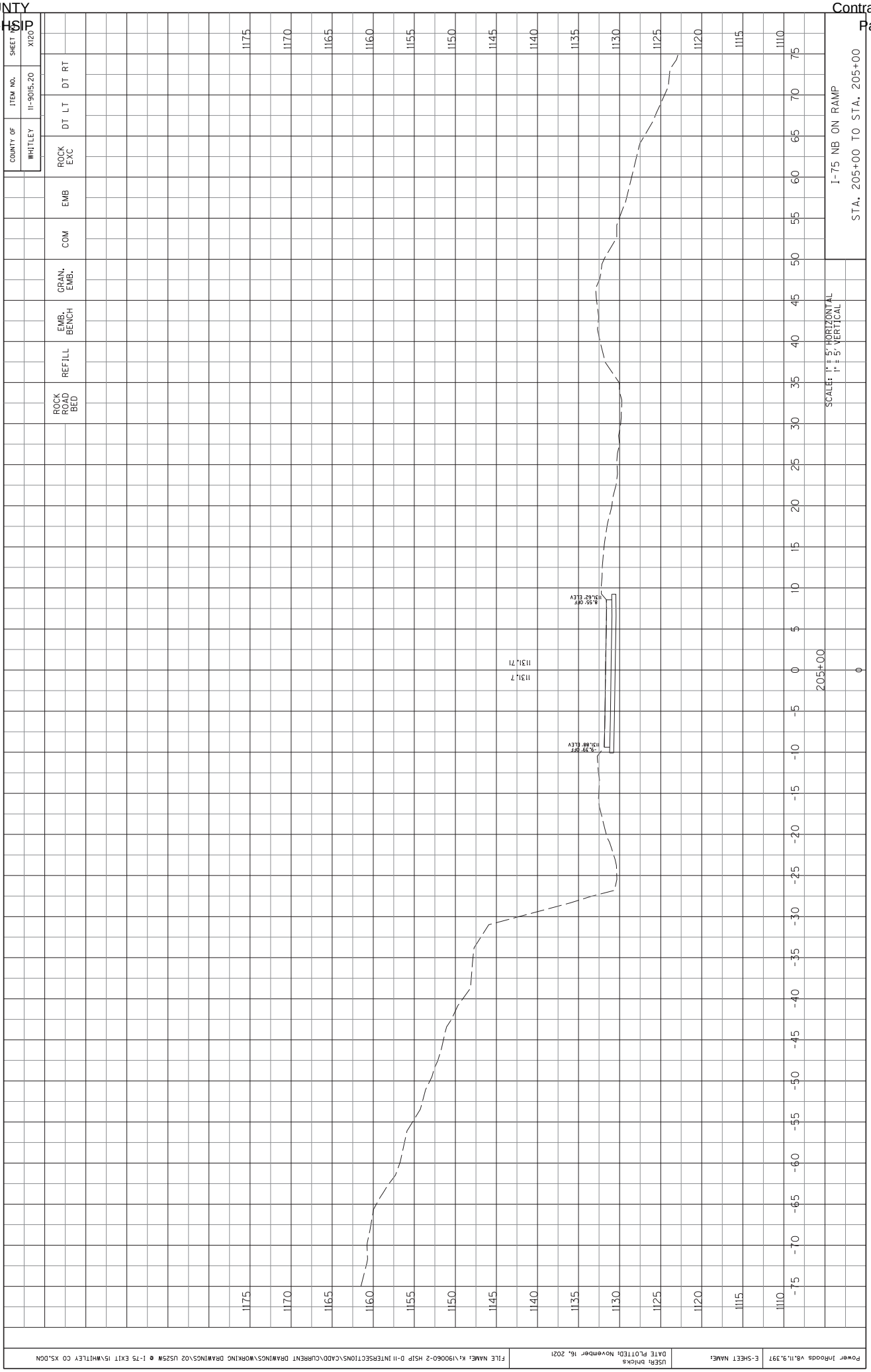

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X115
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 NB ON RAMP
STA. 204+50 TO STA. 204+50
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1170
1165
1160
1155
1150
1145
1140
1135
1130
1125
1120
1115
1110
1105
1100
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-5
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
204+50
0
1133.0
1133.02
8.76' OFF
1132.69' ELEV
9.69' OFF
1132.20' ELEV
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

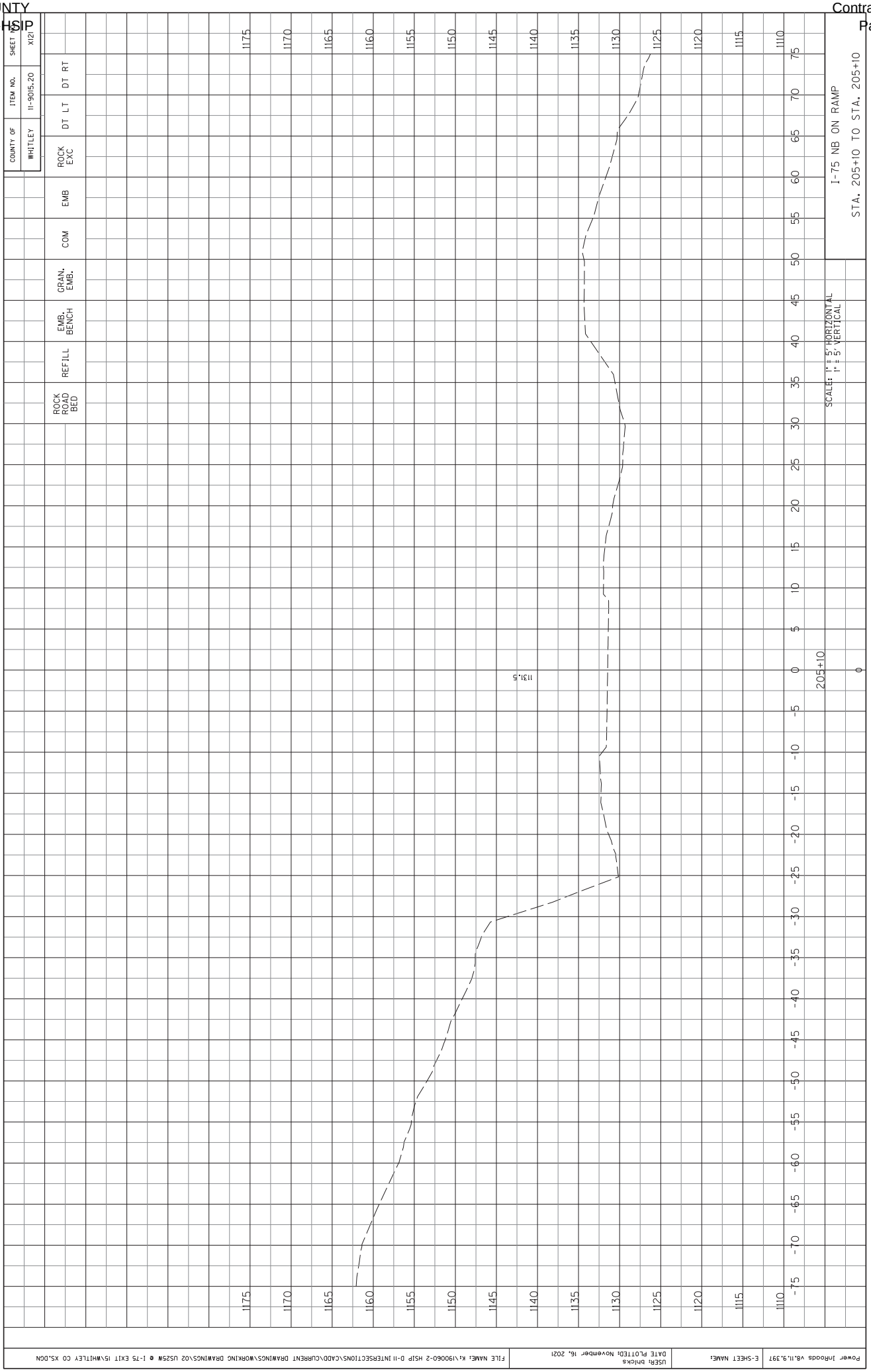

SHEET NO. X116
ITEM NO. 11-9015.20
COUNTY OF WHITLEY
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 NB ON RAMP
STA. 204+60 TO STA. 204+60
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1132.76
1132.8
8.72' OFF
1132.59' ELEV
-3.35' OFF
1132.96' ELEV
204+60
0
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

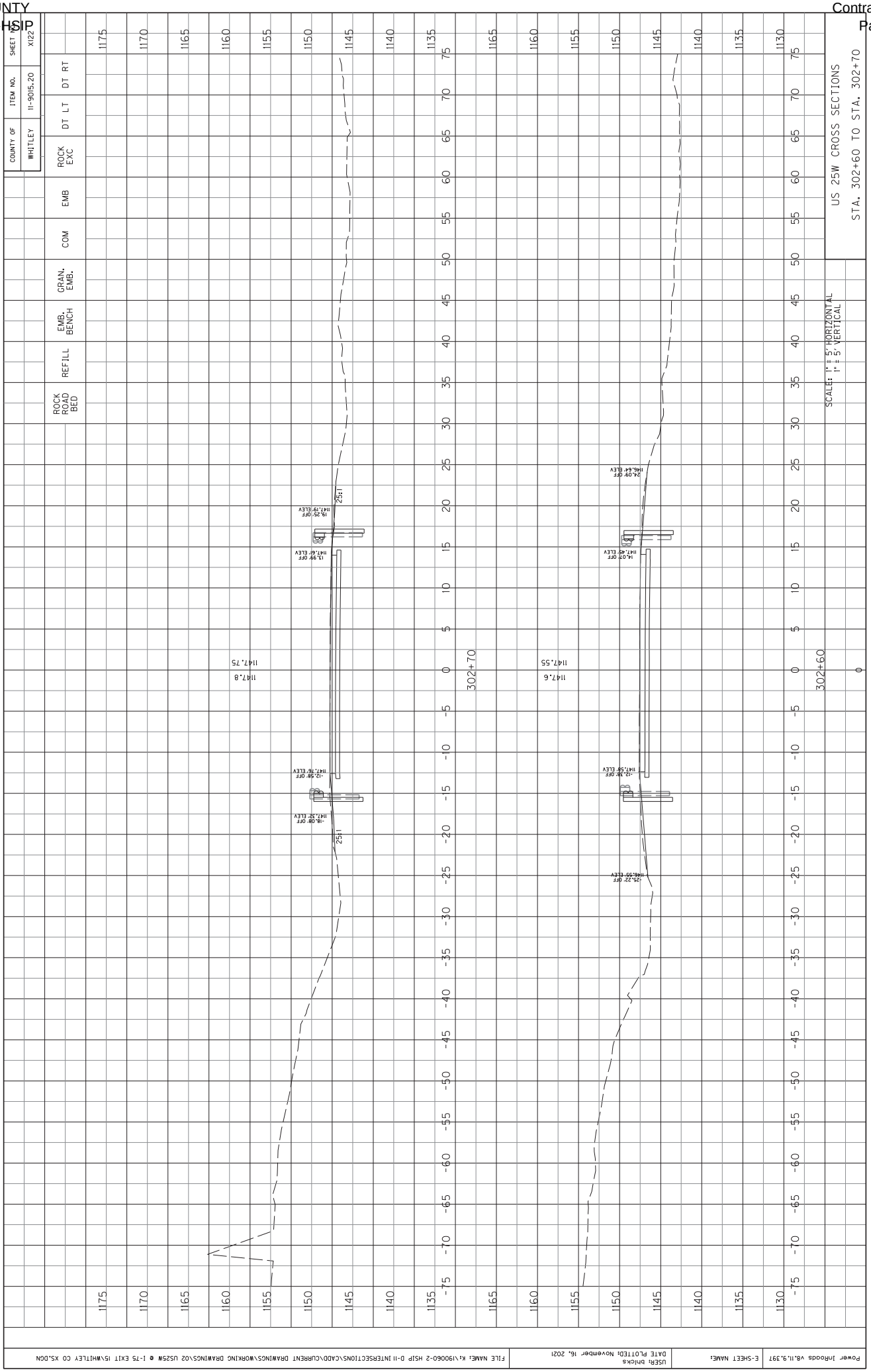

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. XII7
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 NB ON RAMP
STA. 204+70 TO STA. 204+70
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
204+70
1132.5
1132.49
8.68' OFF
1132.31' ELEV
9.29' OFF
1132.68' ELEV
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130
1125
1120
1115
1110
1105
1100
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75

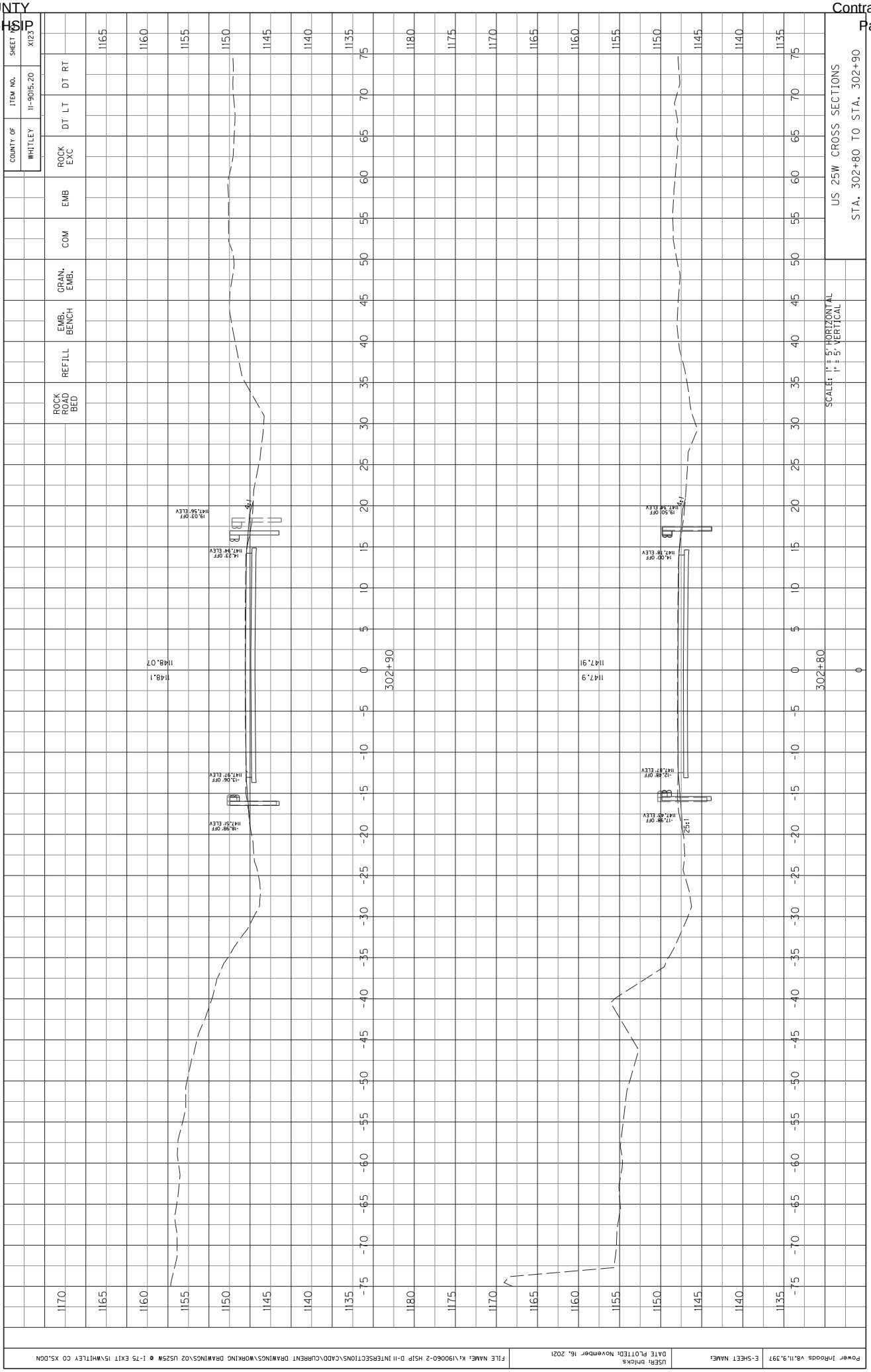

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X118
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 NB ON RAMP
STA. 204+80 TO STA. 204+80
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1132.3
1132.22
8.6ft OFF
1132.06 ELEV
-3.3ft OFF
1132.46 ELEV
204+80
0
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130
1125
1120
1115
1110
1105
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75

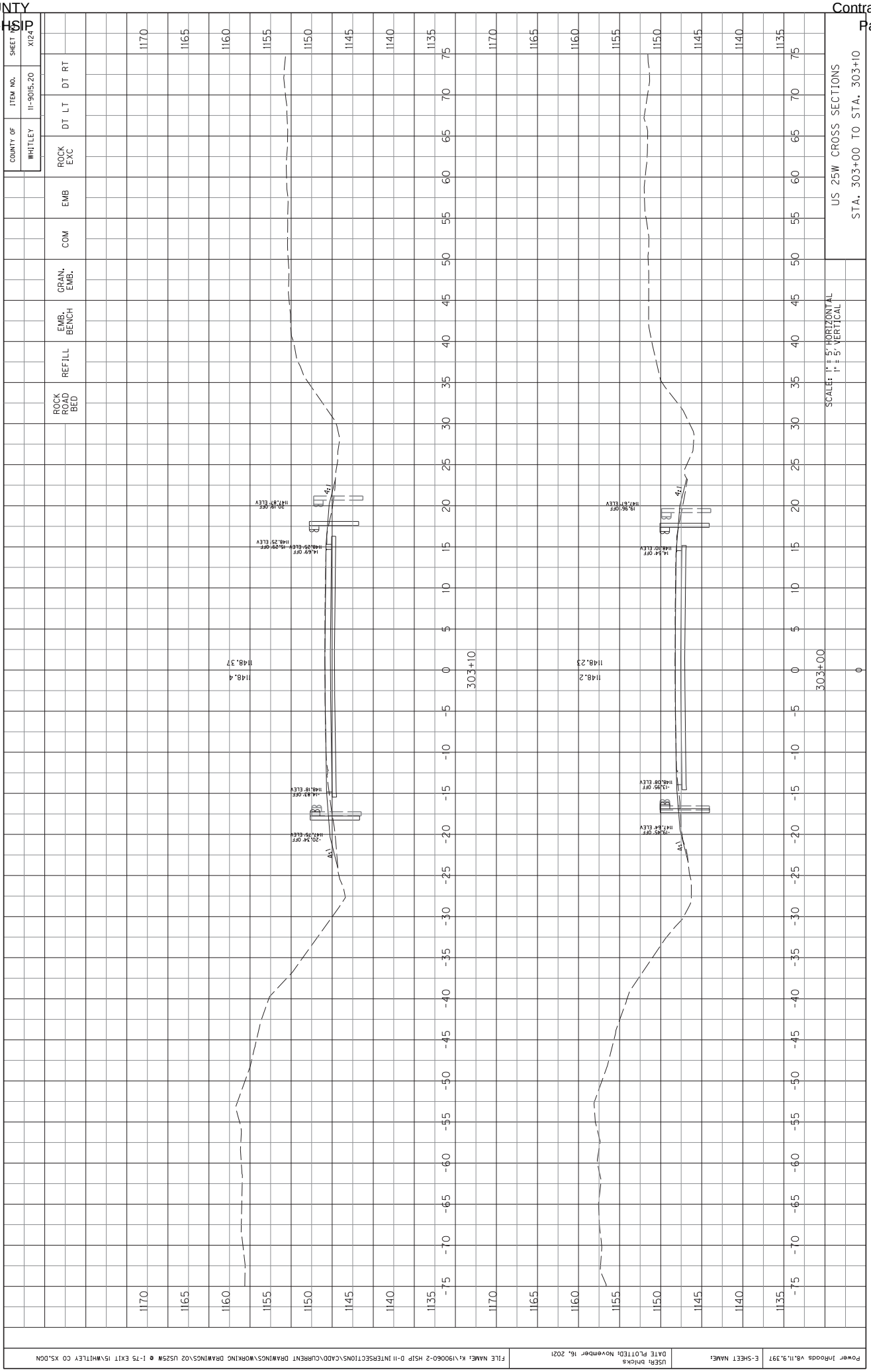

I-75 NB ON RAMP
STA. 204+90 TO STA. 204+90
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X119
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
8.60' OFF
1131.83' ELEV
1132.0
1131.98
9.35' OFF
1132.13' ELEV
204+90
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130
1125
1120
1115
1110
1105

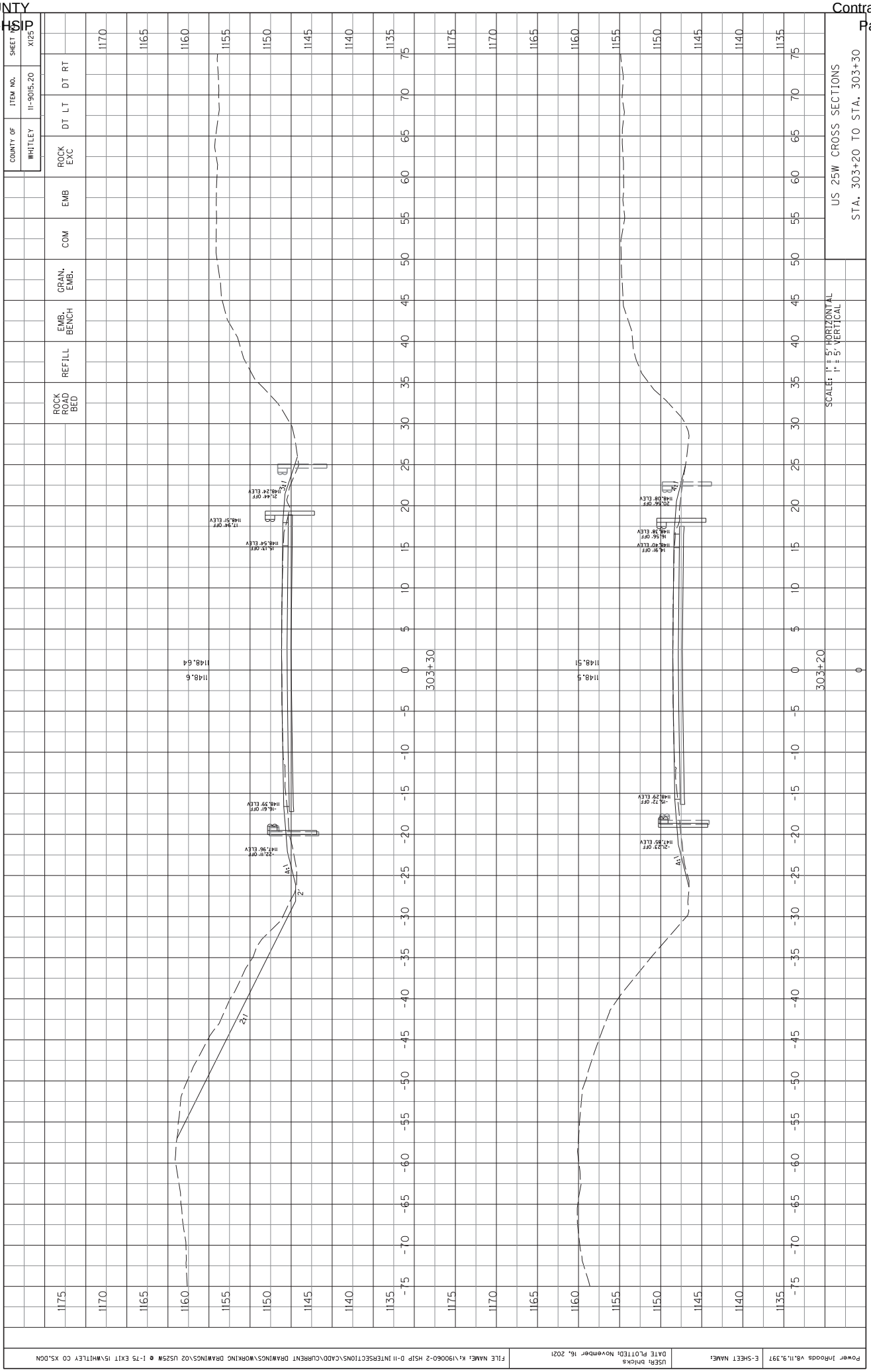

I-75 NB ON RAMP
STA. 205+00 TO STA. 205+00
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X120
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
1131.7
1131.71
205+00
8.55' OFF
1131.67' ELEV
3.39' OFF
1131.88' ELEV
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

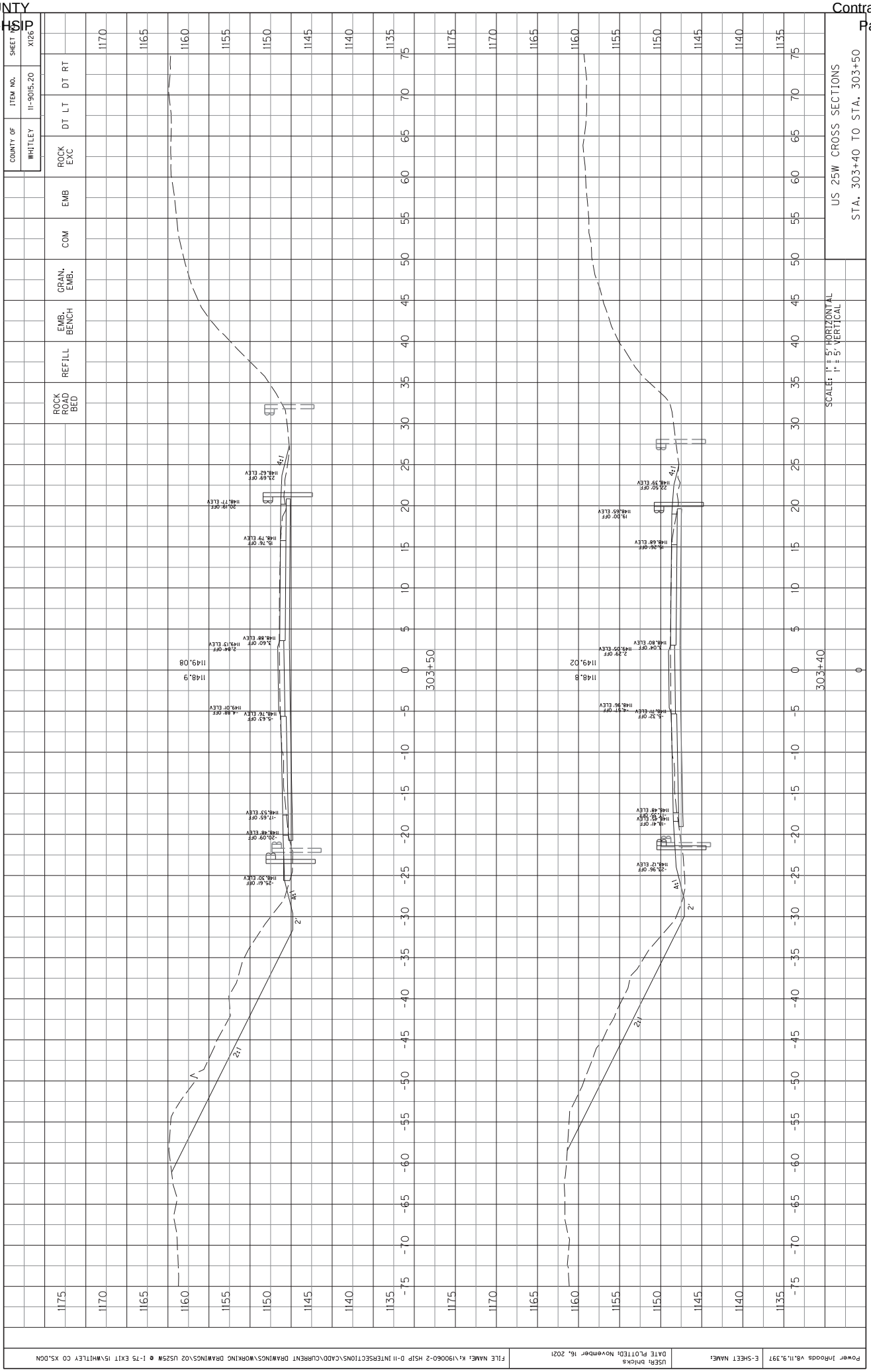

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X121
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130
1125
1120
1115
1110
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
1131.5
205+10
0
I-75 NB ON RAMP
STA. 205+10 TO STA. 205+10
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

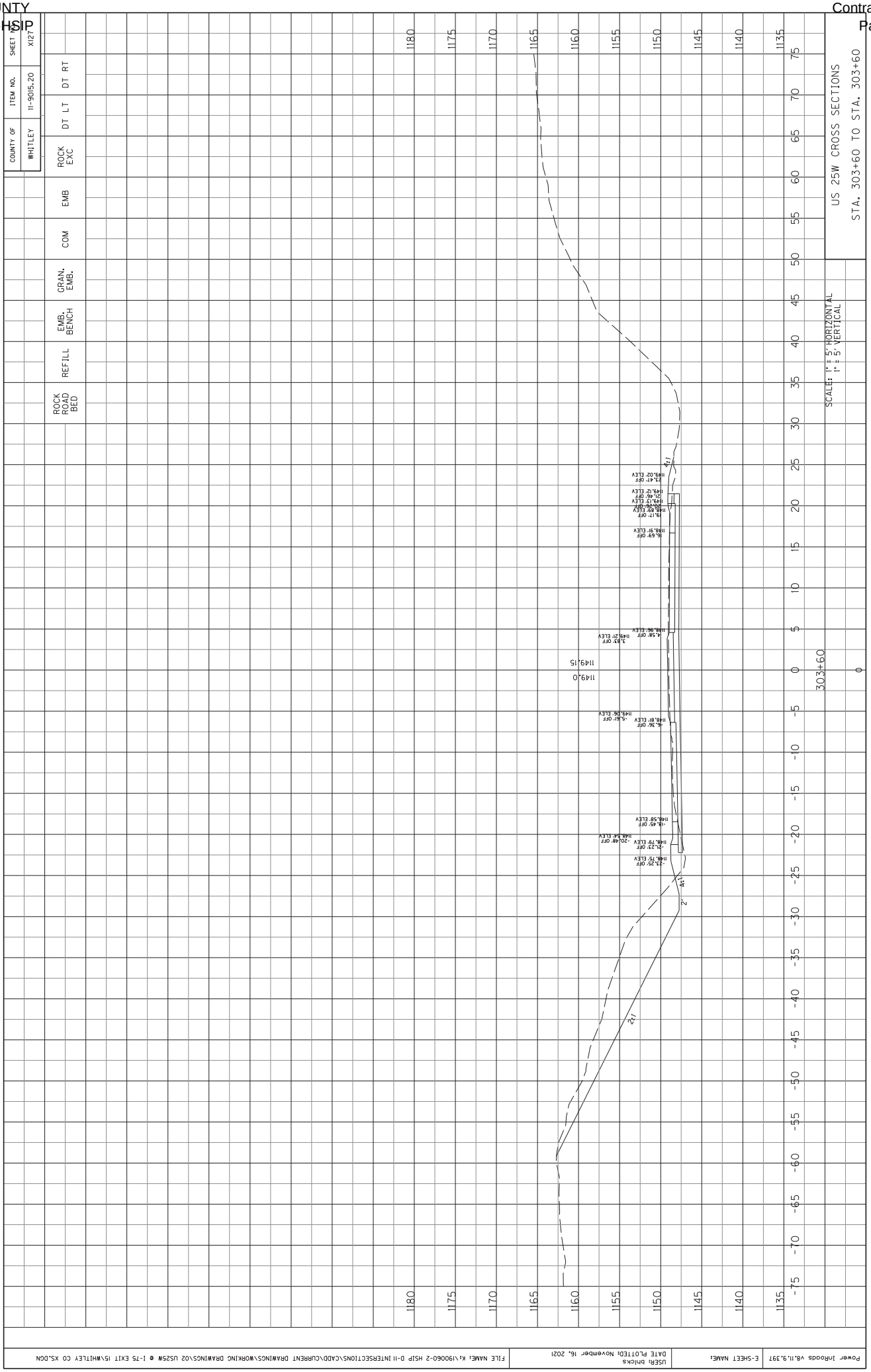

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X122
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 302+60 TO STA. 302+70
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
302+70
302+60
1147.8
1147.75
1147.6
1147.55
25:1
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

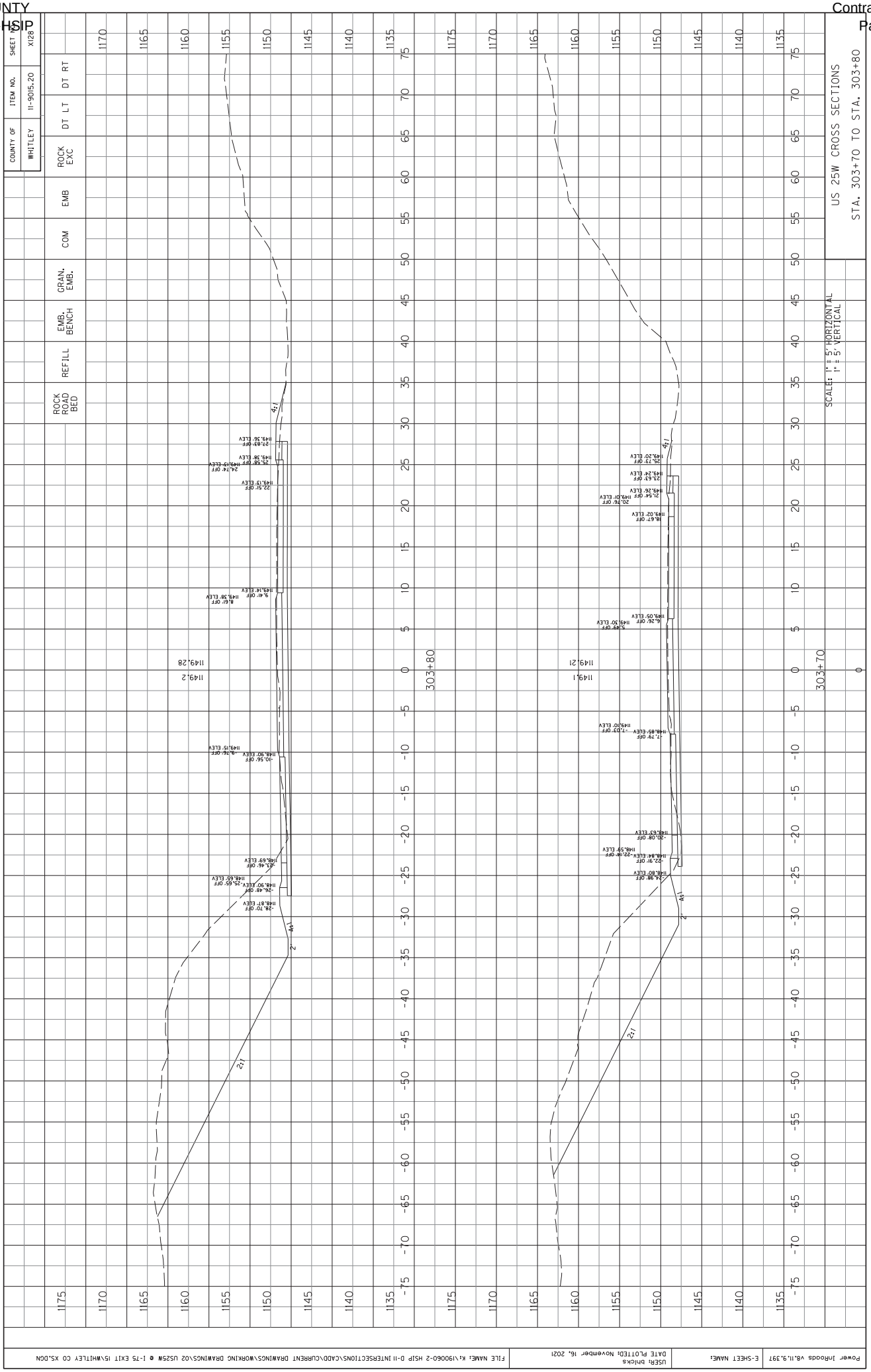

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X123
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 302+80 TO STA. 302+90
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
302+90
302+80
1148.1
1148.07
1147.9
1147.91
4:1
2:1
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

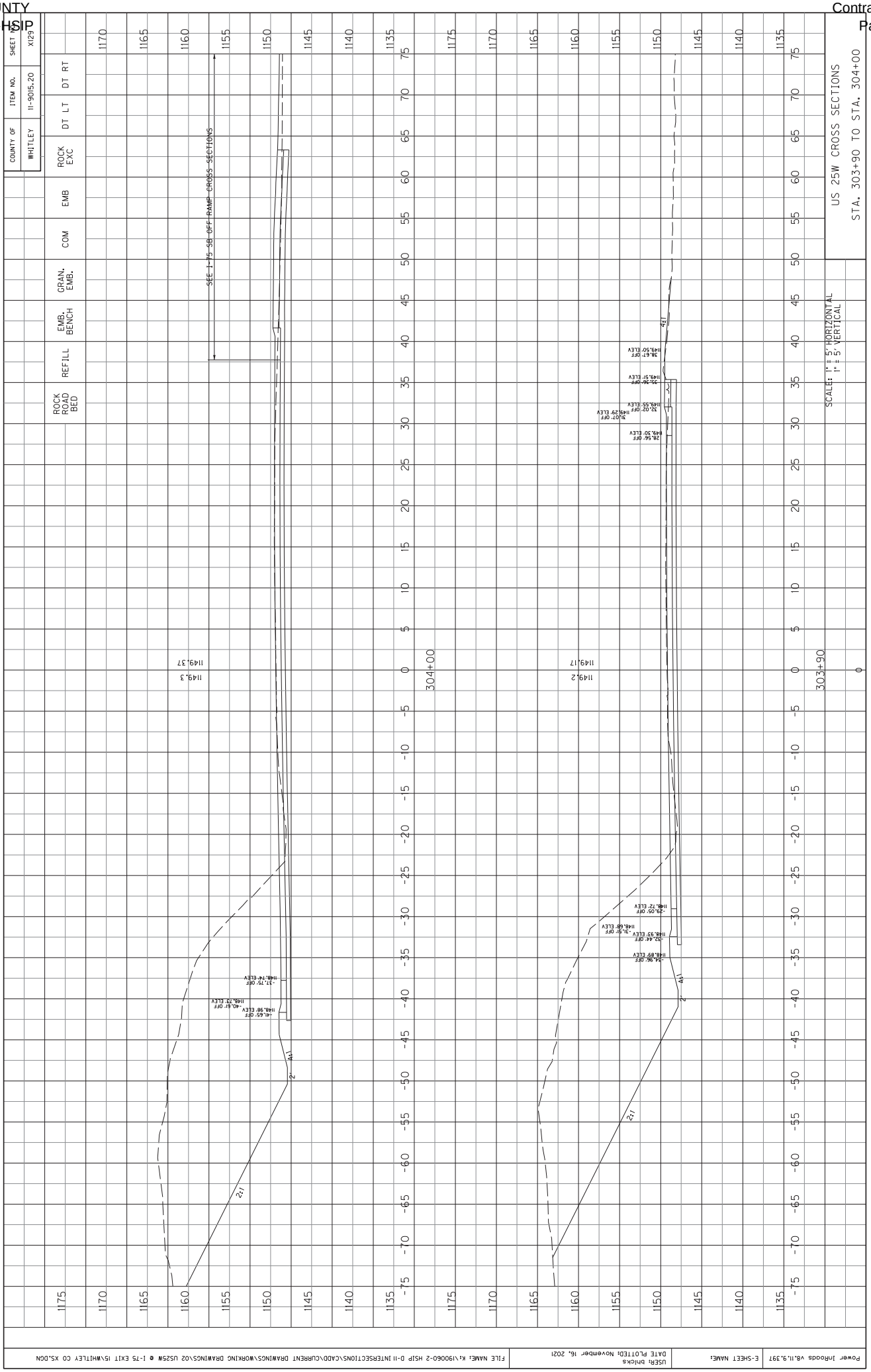

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X124
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 303+00 TO STA. 303+10
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
303+10
303+00
148.37
148.4
148.23
148.2
4:1
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

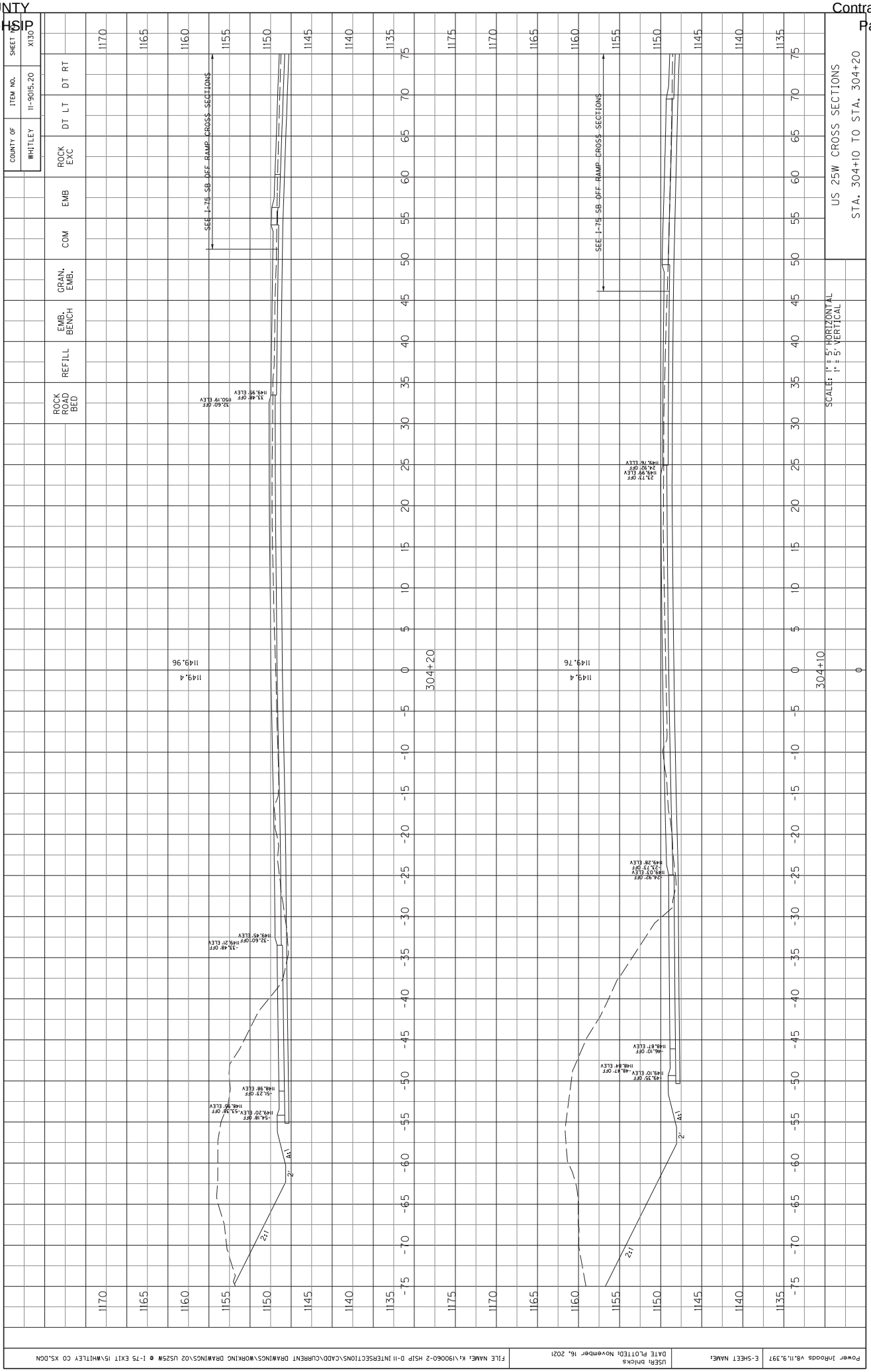

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X125
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 303+20 TO STA. 303+30
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
303+30
303+20
148.64
148.6
148.51
148.5
4:1
2:1
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

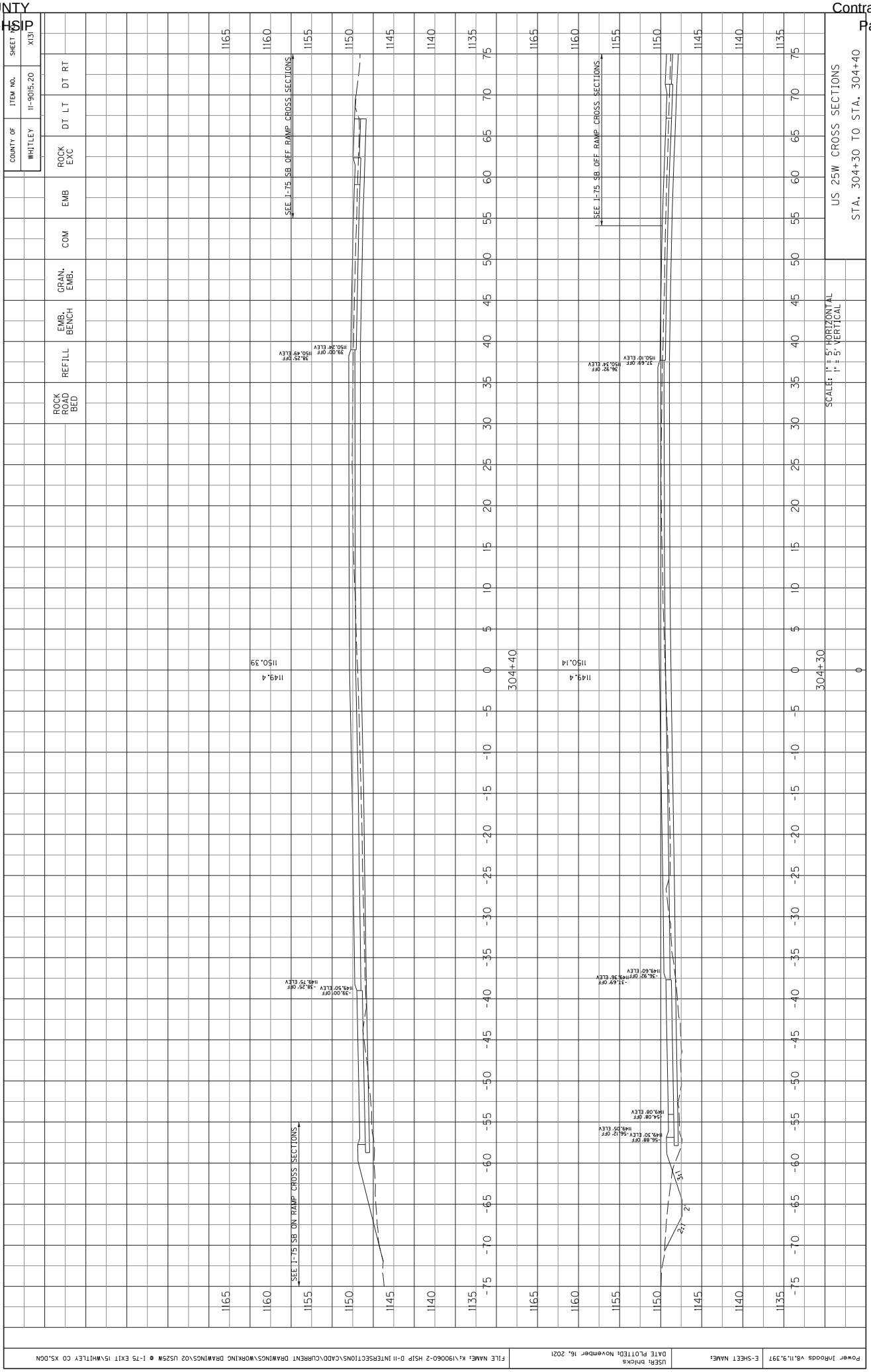

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X126
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 303+40 TO STA. 303+50
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
303+50
303+40
4:1
2:1
2'
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

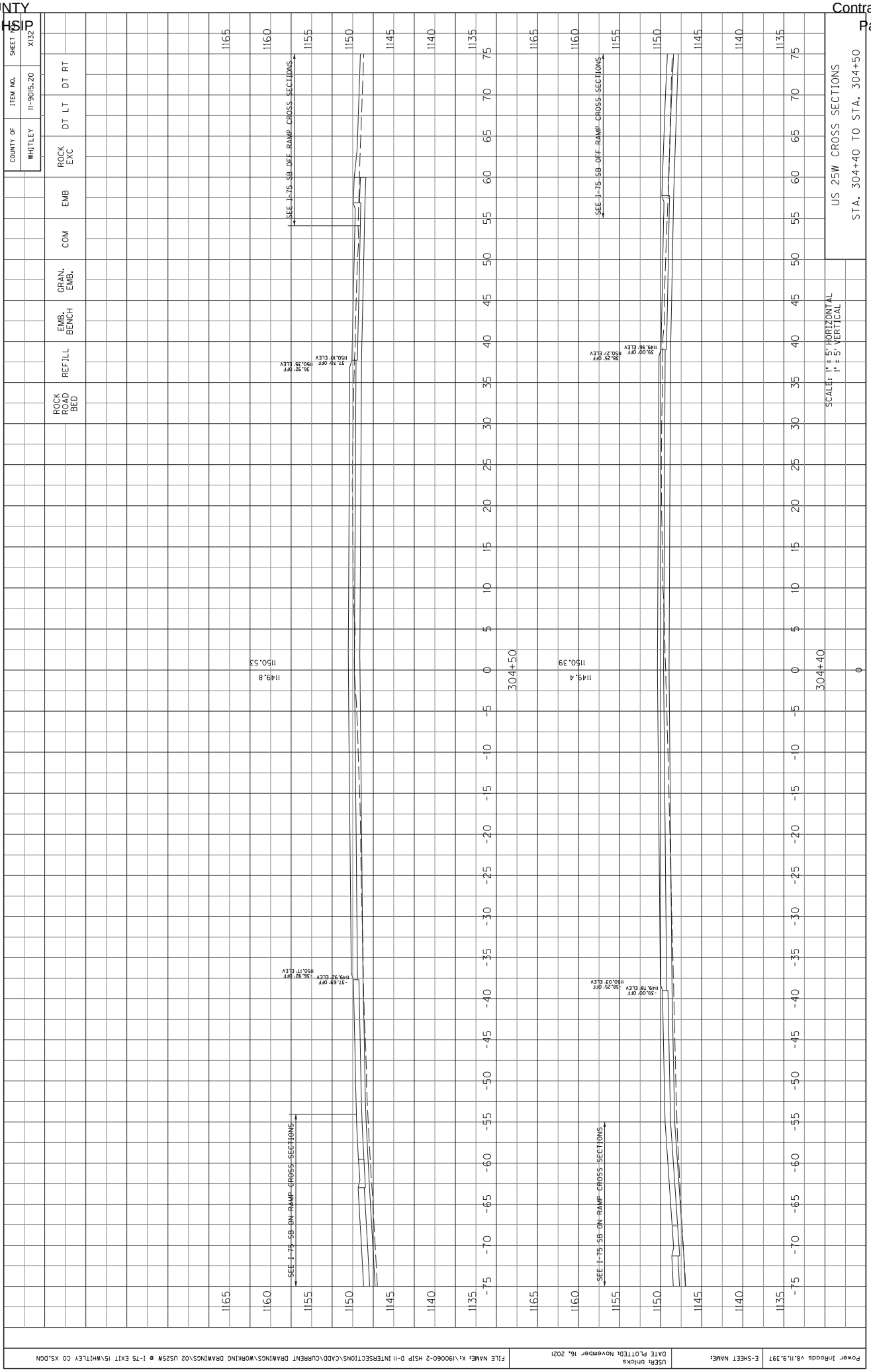

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X127
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 303+60 TO STA. 303+60
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
303+60
1149.15
1149.0
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
1:1
2:1
-23.25' OFF
1148.75' ELEV
-21.27' OFF
1148.79' ELEV
-20.48' OFF
1148.58' ELEV
-18.85' OFF
1148.58' ELEV
-6.36' OFF
1148.81' ELEV
-5.67' OFF
1149.06' ELEV
4.58' OFF
1148.96' ELEV
3.83' OFF
1149.2' ELEV
6.69' OFF
1148.91' ELEV
9.17' OFF
1148.89' ELEV
12.13' ELEV
12.46' OFF
11.49.12' ELEV
13.47' OFF
1149.02' ELEV
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

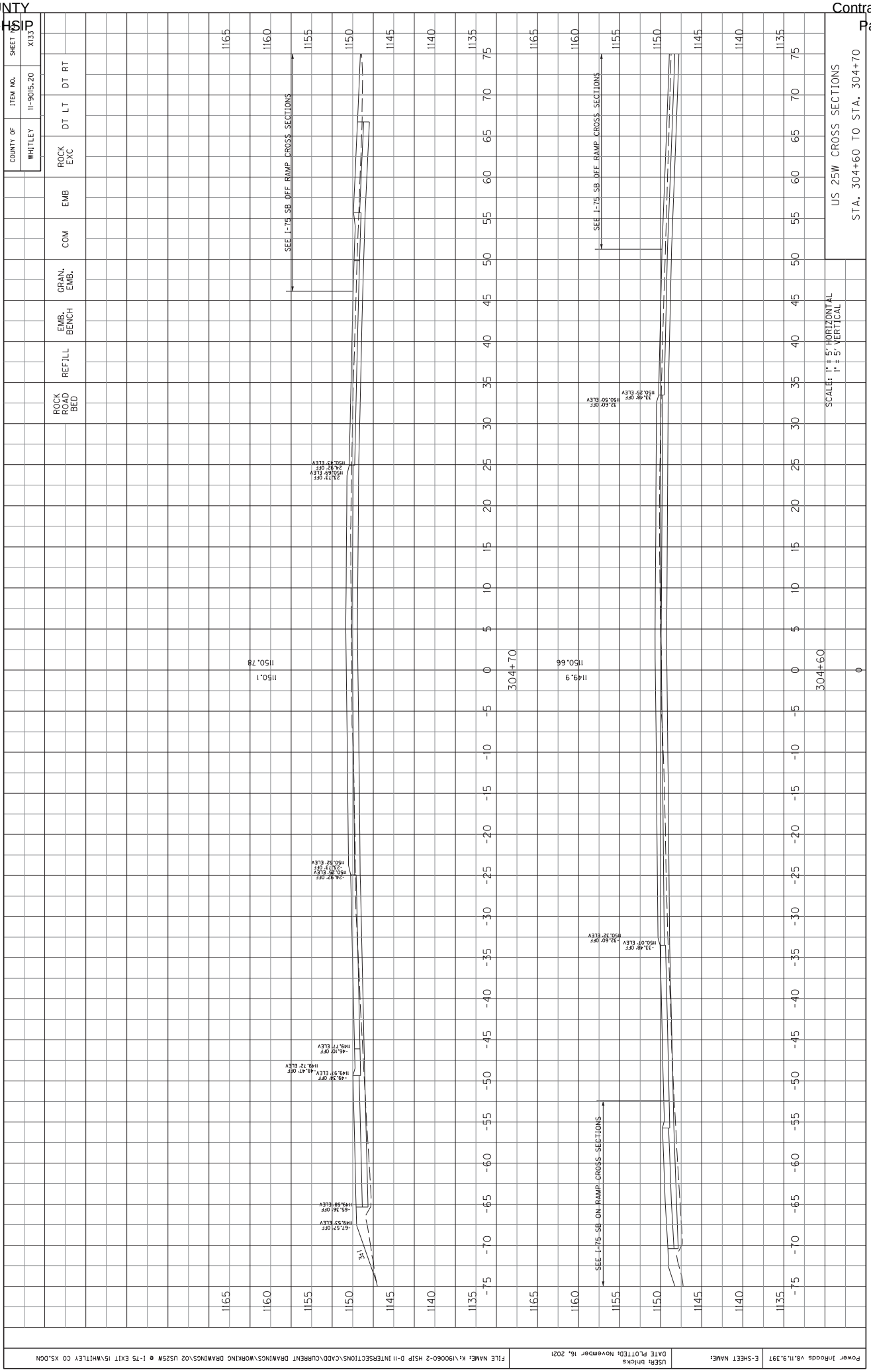

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X128
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 303+70 TO STA. 303+80
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
303+70
303+80
4:1
2:1
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

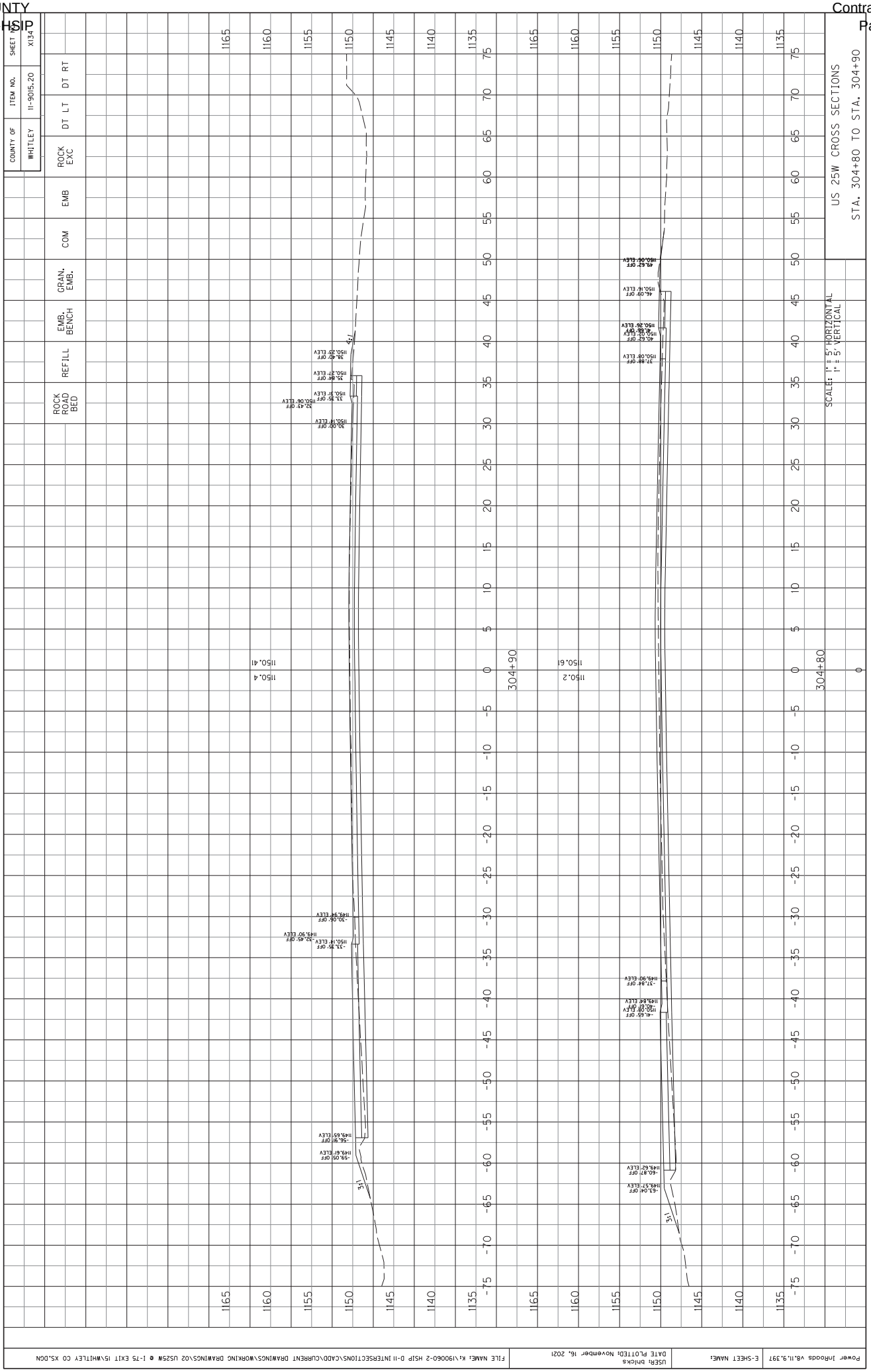

SHEET NO. X129
ITEM NO. 11-9015.20
COUNTY OF WHITLEY
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
SEE I-75 SB OFF RAMP CROSS SECTIONS
US 25W CROSS SECTIONS
STA. 303+90 TO STA. 304+00
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
304+00
303+90
1149.37
1149.3
1149.17
1149.2
2%
4:1
2:1
1%
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

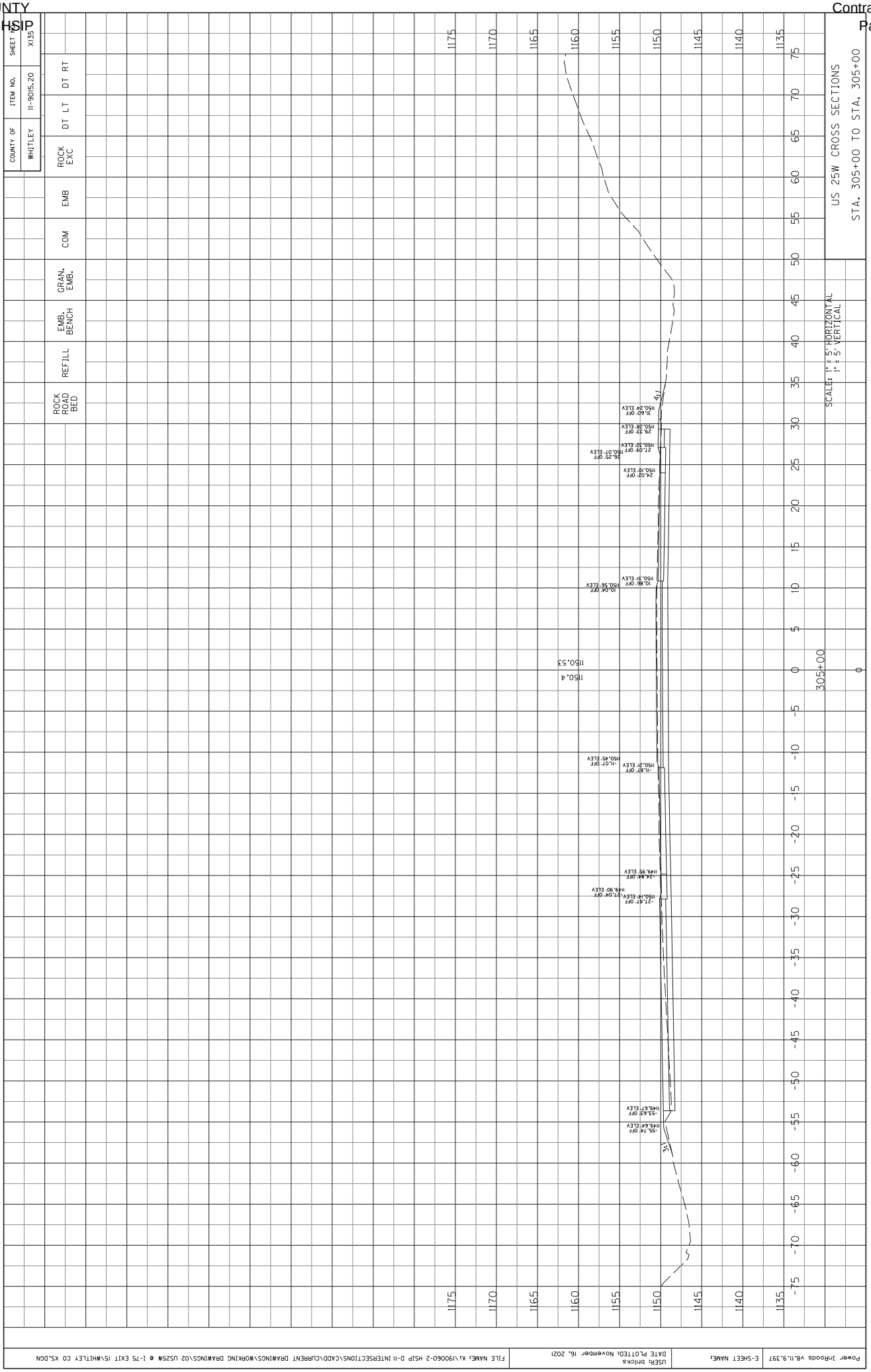

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X130
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
SEE I-75 SB OFF RAMP CROSS SECTIONS
SEE I-75 SB OFF RAMP CROSS SECTIONS
US 25W CROSS SECTIONS
STA. 304+10 TO STA. 304+20
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
304+20
304+10
2:1
4:1
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

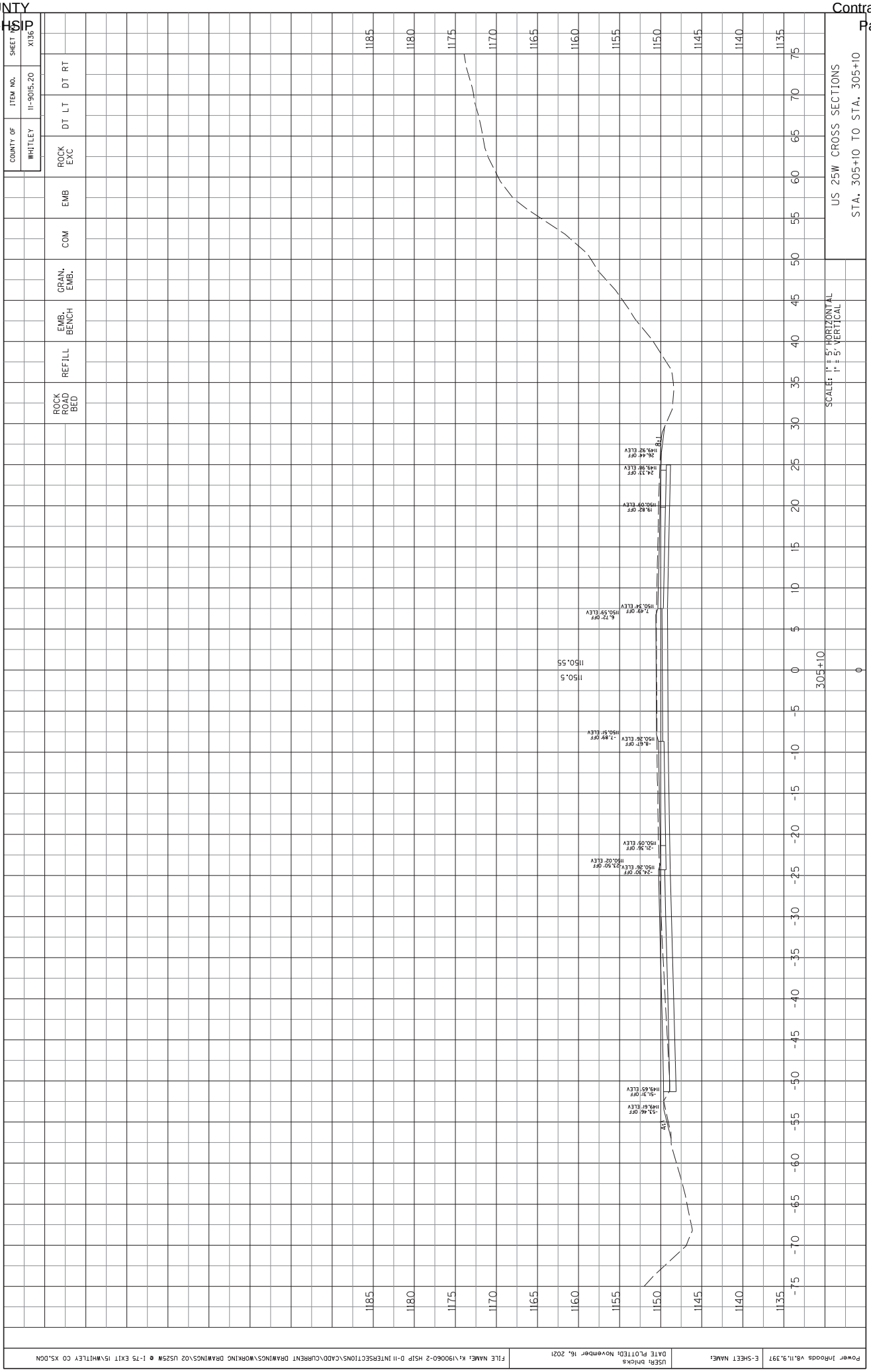

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X131
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 304+30 TO STA. 304+40
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
SEE I-75 SB OFF RAMP CROSS SECTIONS
SEE I-75 SB ON RAMP CROSS SECTIONS
304+40
304+30
1150.39
1149.4
1150.14
1149.4
3:1
2:1
2'
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

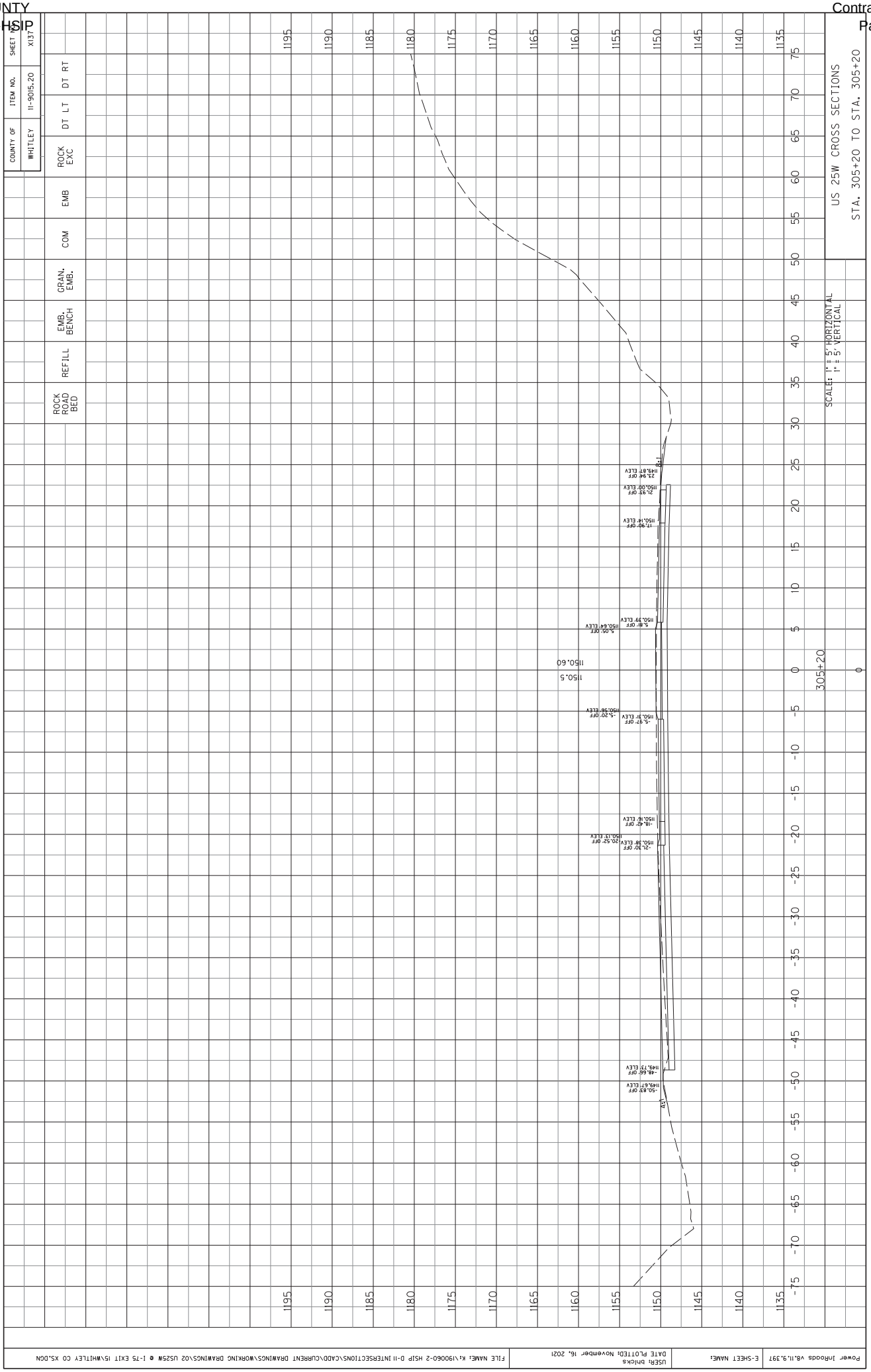

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X132
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 304+40 TO STA. 304+50
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
SEE I-75 SB OFF RAMP CROSS SECTIONS
SEE I-75 SB ON RAMP CROSS SECTIONS
304+50
304+40
1149.8
1150.53
1149.4
1150.39
39.00' OFF
1149.98' ELEV
1150.27' ELEV
38.25' OFF
37.70' OFF
1150.10' ELEV
1150.35' ELEV
36.92' OFF
39.00' OFF
1149.78' ELEV
1150.03' ELEV
38.25' OFF
37.69' OFF
1149.92' ELEV
1150.17' ELEV
36.92' OFF
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

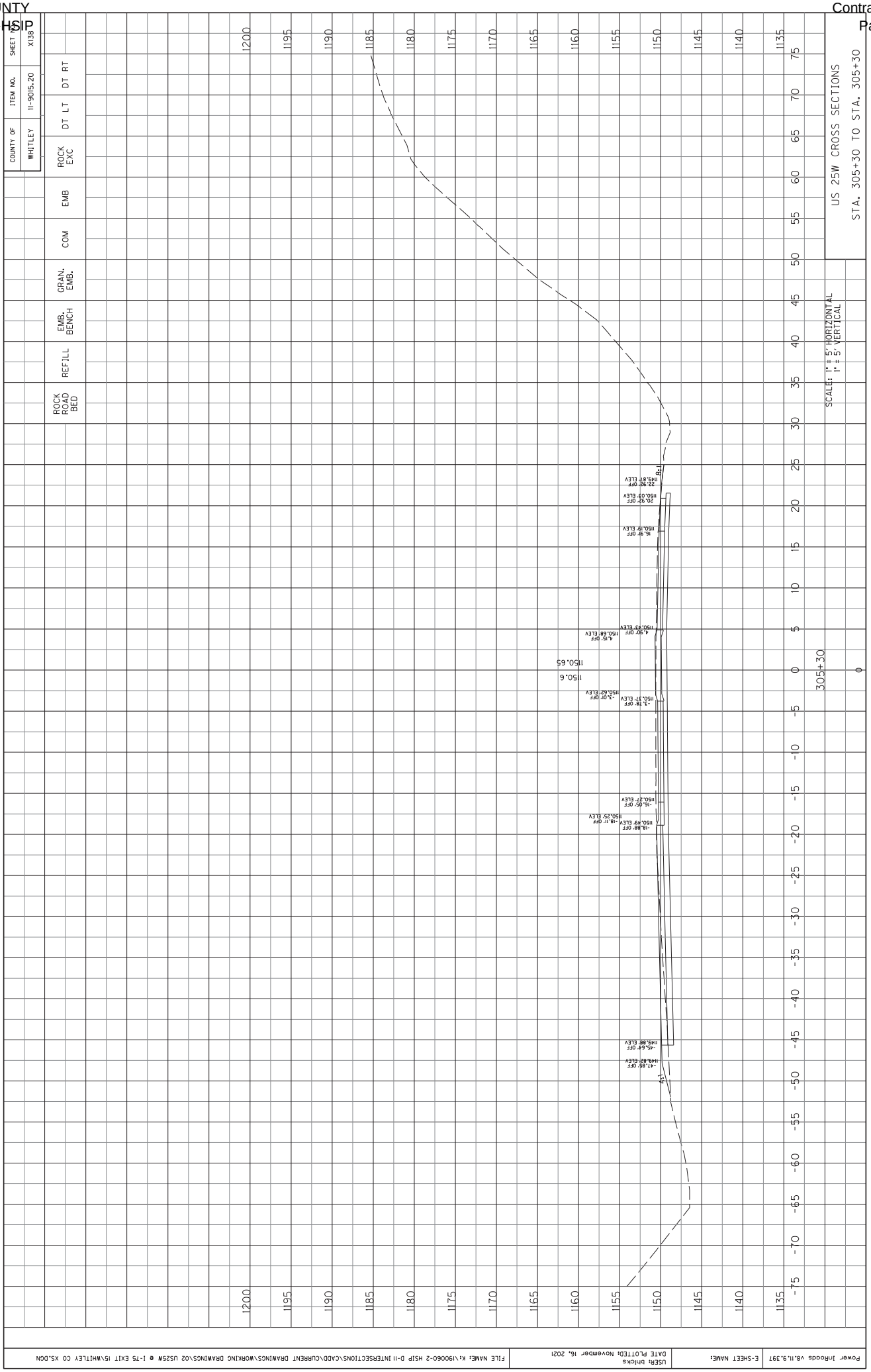

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X133
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 304+60 TO STA. 304+70
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
SEE I-75 SB OFF RAMP CROSS SECTIONS
SEE I-75 SB ON RAMP CROSS SECTIONS
304+70
304+60
1150.78
1150.1
1149.9
1150.66
Power InRoads v8.11.9.397
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

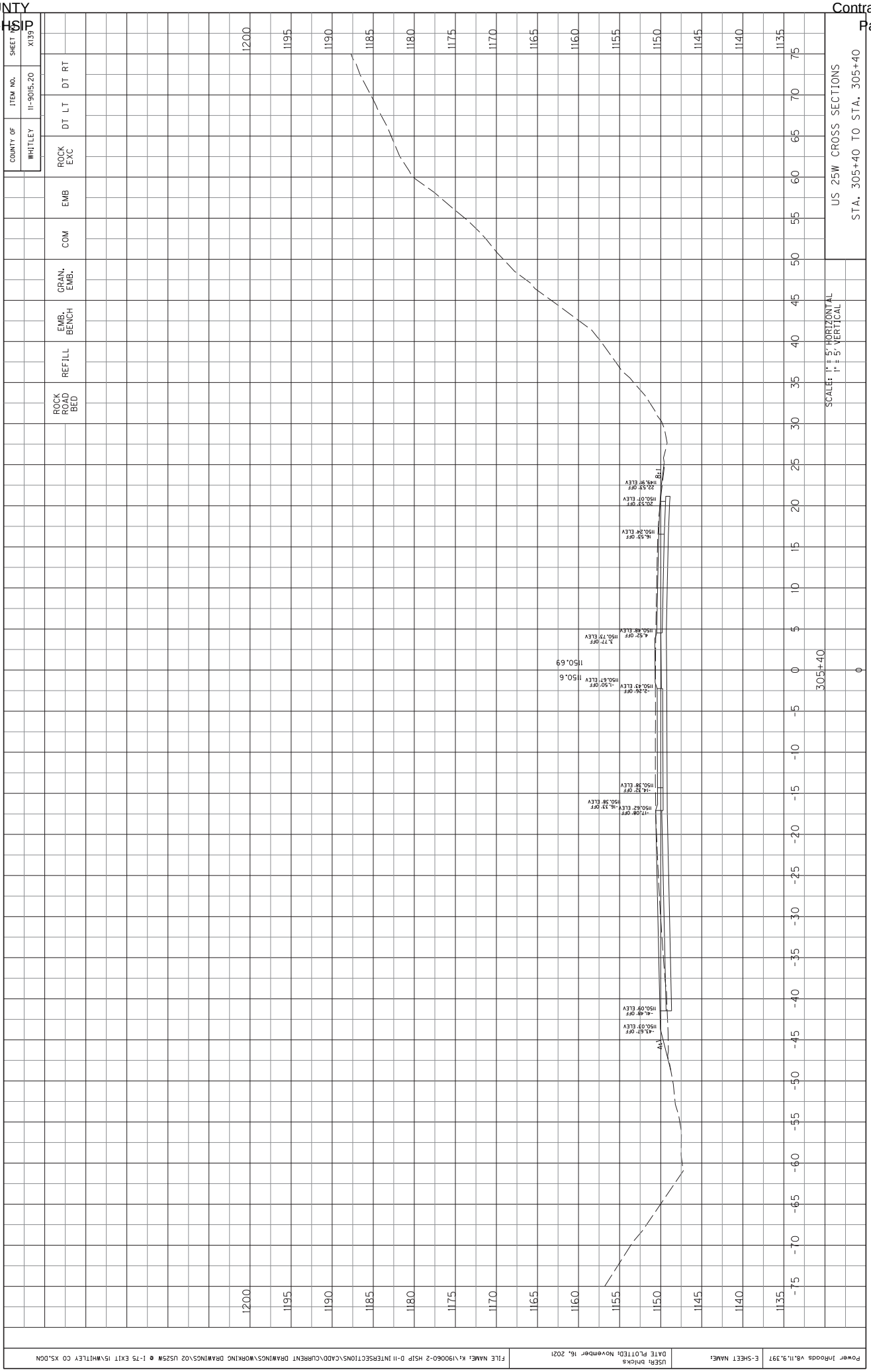

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X134
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 304+80 TO STA. 304+90
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
304+90
304+80
1150.41
1150.4
1150.61
1150.2
3:1
Power InRoads v8.11.9.397
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

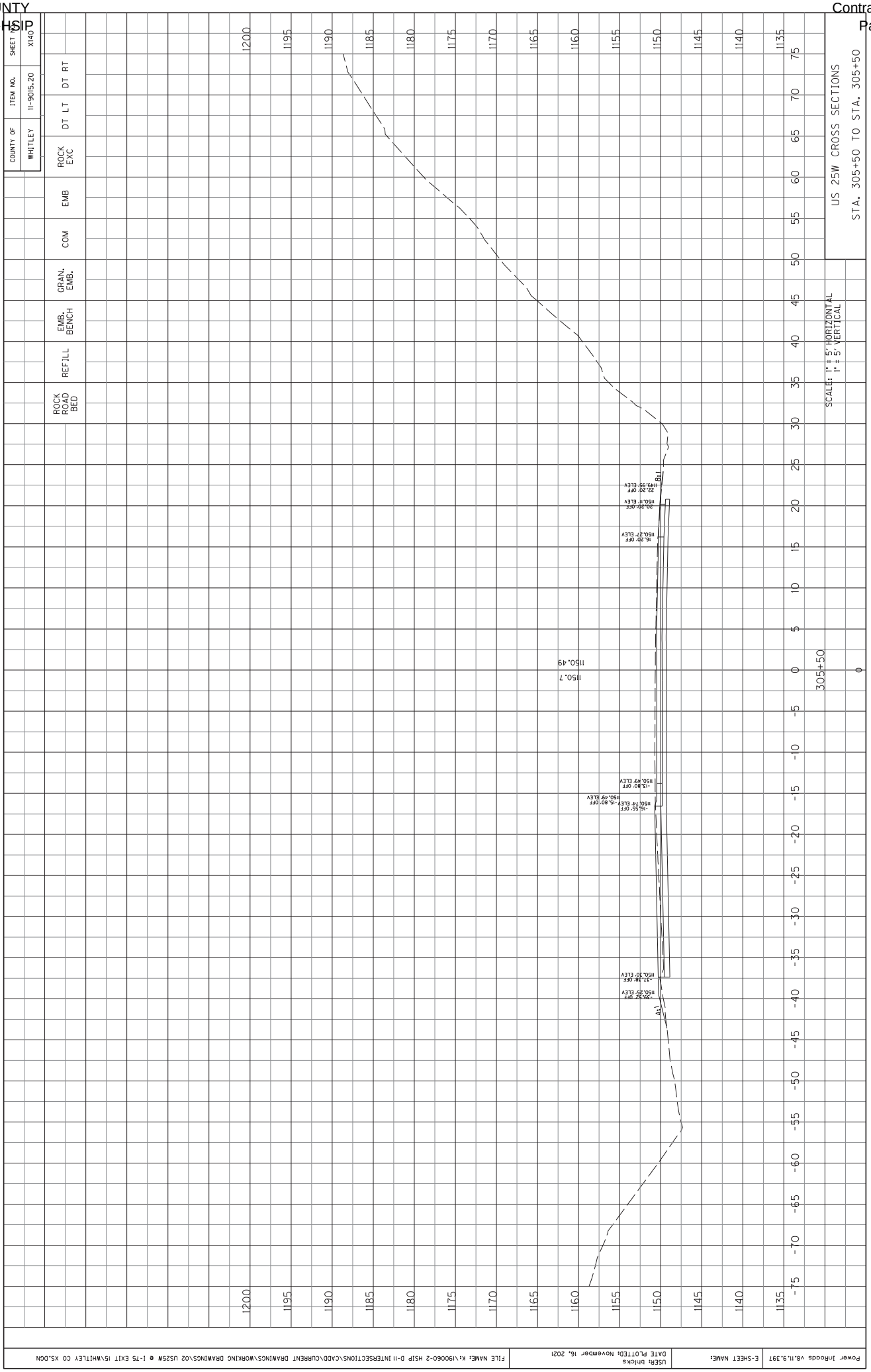

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X135
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 305+00 TO STA. 305+00
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
305+00
1150.53
1150.4
1150.37' ELEV
10.86' OFF
1150.56' ELEV
10.06' OFF
1150.27' ELEV
-11.87' OFF
1150.45' ELEV
-11.07' OFF
1150.14' ELEV
-27.87' OFF
1149.90' ELEV
-27.04' OFF
1149.95' ELEV
-24.84' OFF
1149.67' ELEV
-53.63' OFF
1149.64' ELEV
-55.74' OFF
1150.07' ELEV
27.09' OFF
1150.32' ELEV
29.33' OFF
1150.28' ELEV
31.60' OFF
1150.24' ELEV
26.25' OFF
1150.10' ELEV
24.07' OFF
3:1
3:1

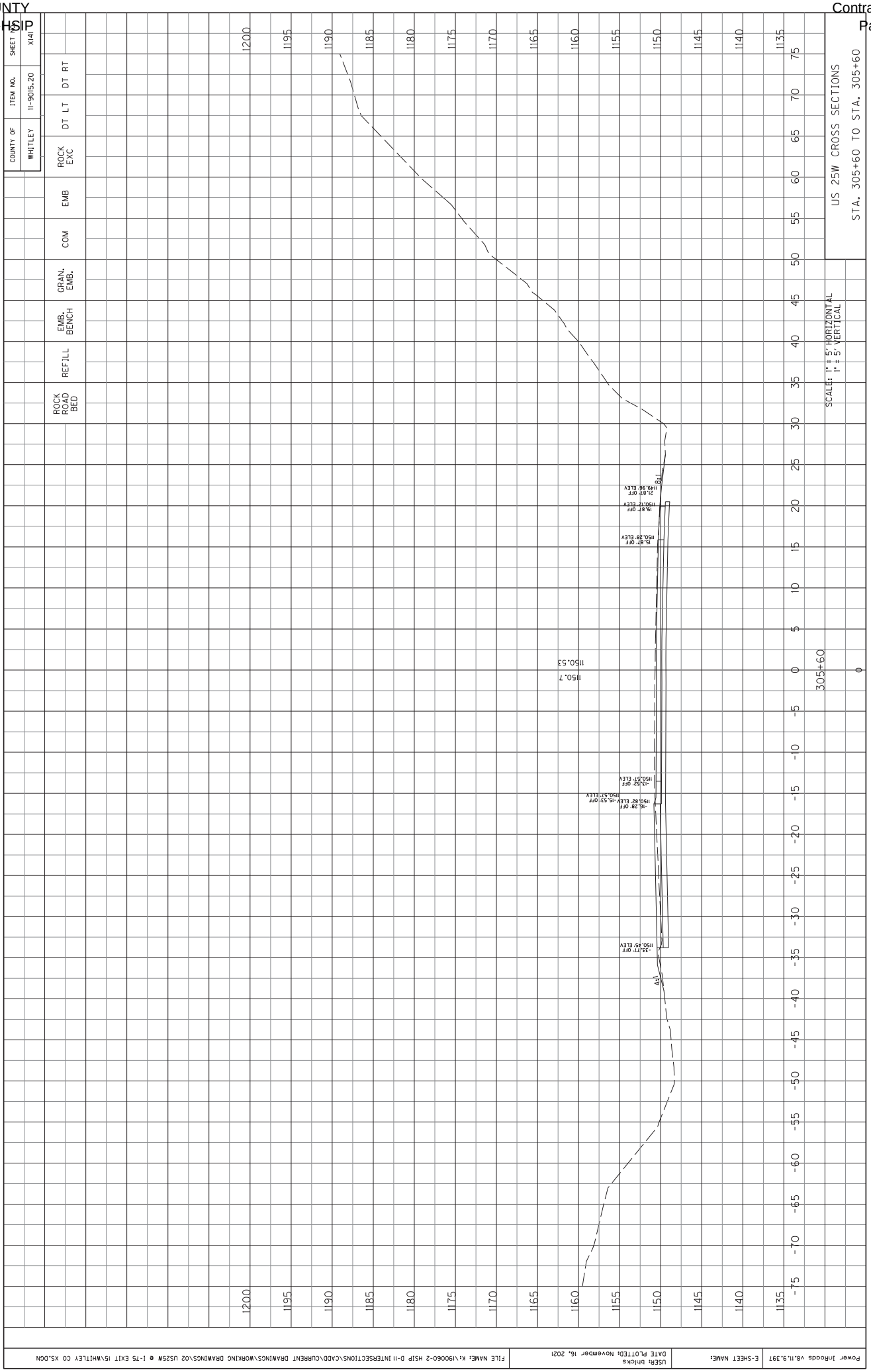

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X136
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 305+10 TO STA. 305+10
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
305+10
1150.55
1150.5
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
1149.92' ELEV
26.44' OFF
1149.98' ELEV
24.33' OFF
1150.09' ELEV
19.82' OFF
1150.14' ELEV
7.49' OFF
1150.59' ELEV
6.72' OFF
1150.26' ELEV
-8.67' OFF
1150.51' ELEV
-7.89' OFF
1150.07' ELEV
-21.36' OFF
1150.28' ELEV
-24.30' OFF
1150.02' ELEV
-23.50' OFF
1149.65' ELEV
-51.31' OFF
1149.61' ELEV
-53.46' OFF
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

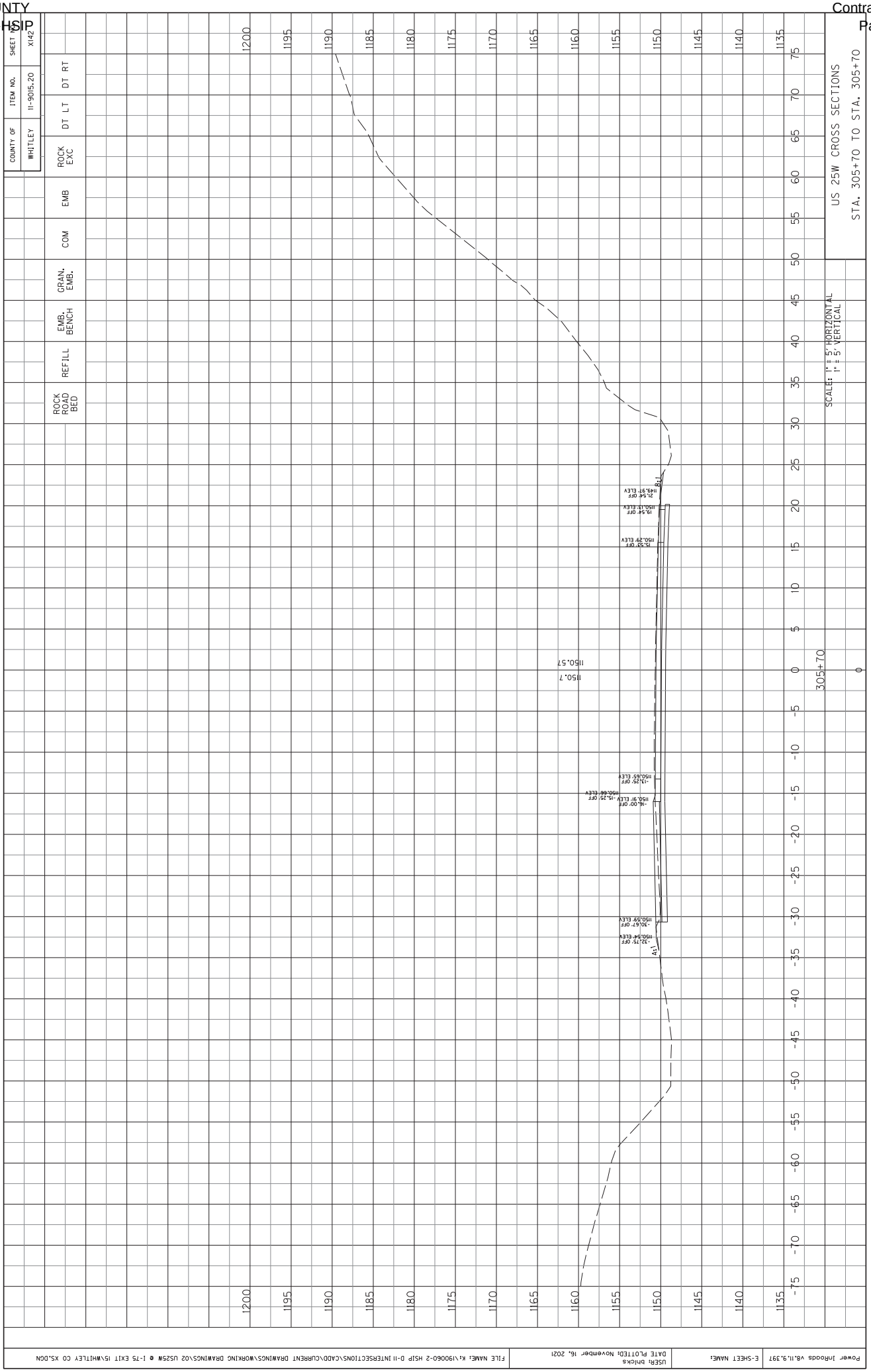

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X137
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 305+20 TO STA. 305+20
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
305+20
1150.60
1150.5
1195
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
-5.97' OFF
1150.37' ELEV
-5.20' OFF
1150.56' ELEV
-18.67' OFF
1150.16' ELEV
-21.30' OFF
1150.38' ELEV
20.52' OFF
1150.17' ELEV
-48.66' OFF
1148.73' ELEV
-50.89' OFF
1148.67' ELEV
5.81' OFF
1150.39' ELEV
5.05' OFF
1150.64' ELEV
17.90' OFF
1150.14' ELEV
21.93' OFF
1150.09' ELEV
23.94' OFF
1149.87' ELEV
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN
USER: bhicks
DATE PLOTTED: November 16, 2021
SHEET NAME:
Power InRoads v8.11.9.397

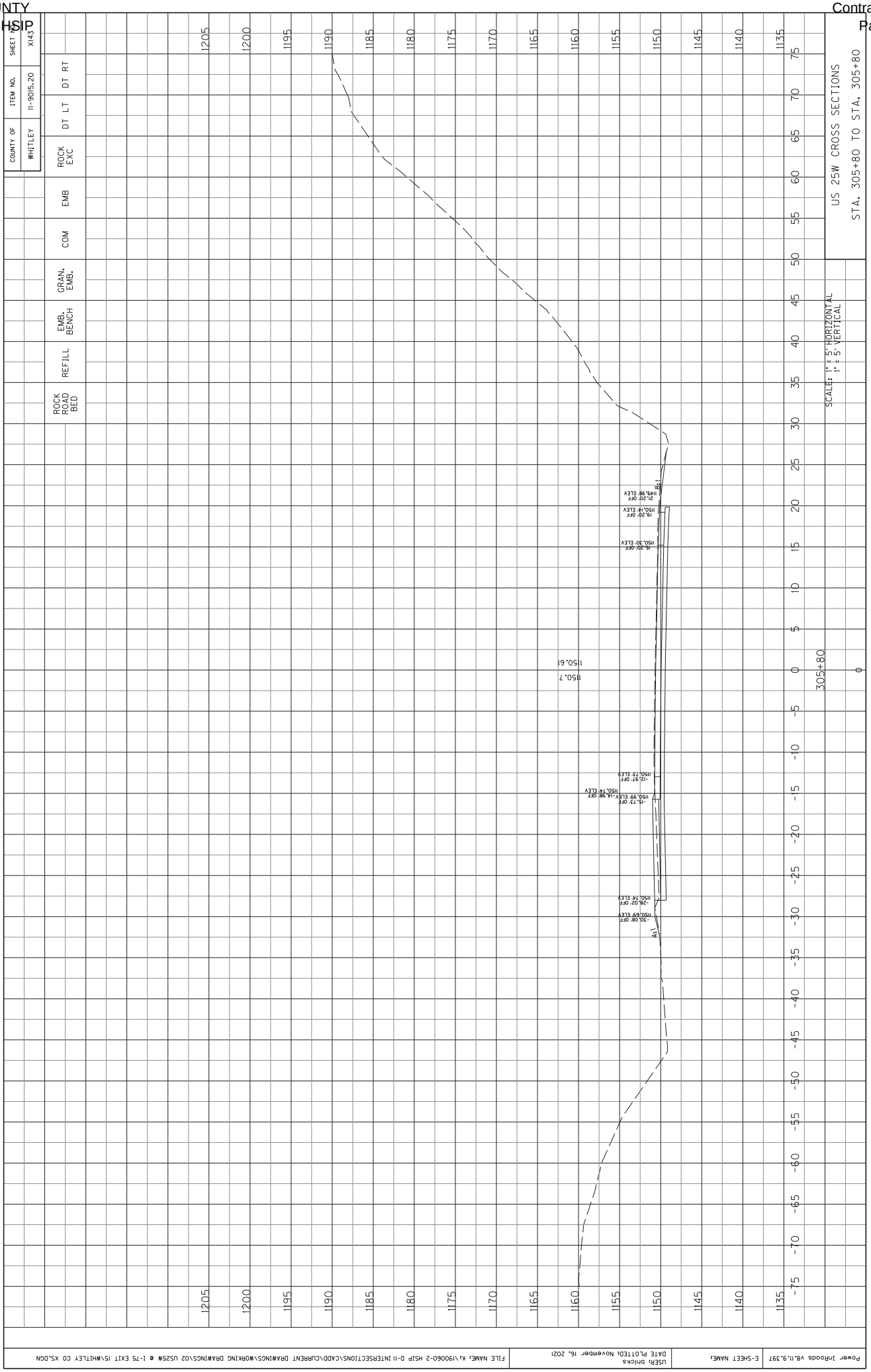

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X138
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 305+30 TO STA. 305+30
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
305+30
0
1150.6
1150.65
1:1
1:1
1200
1195
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

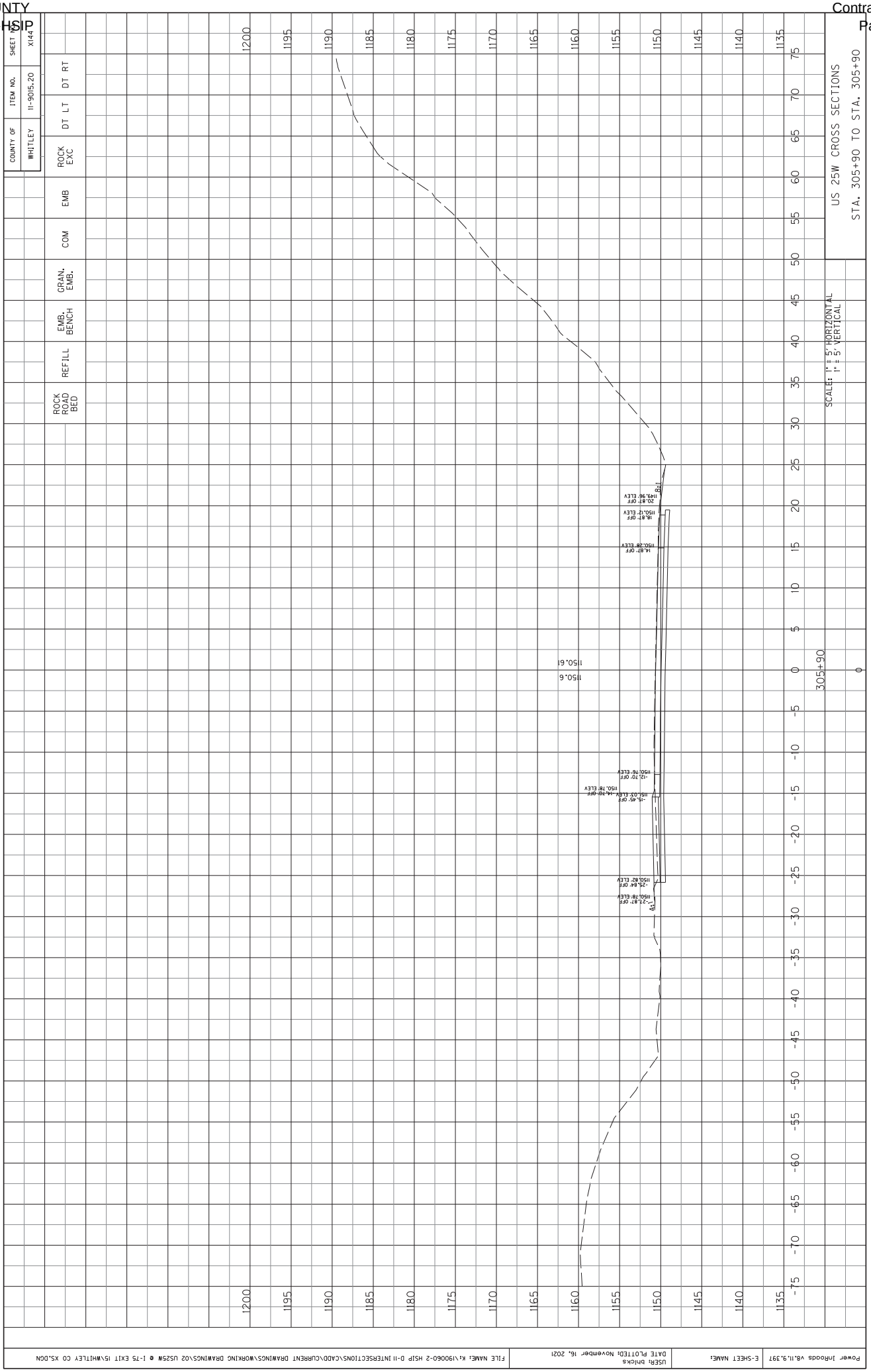

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X139
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 305+40 TO STA. 305+40
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
305+40
150.69
150.6
1:1
4:1
Power InRoads v8.11.9.397
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

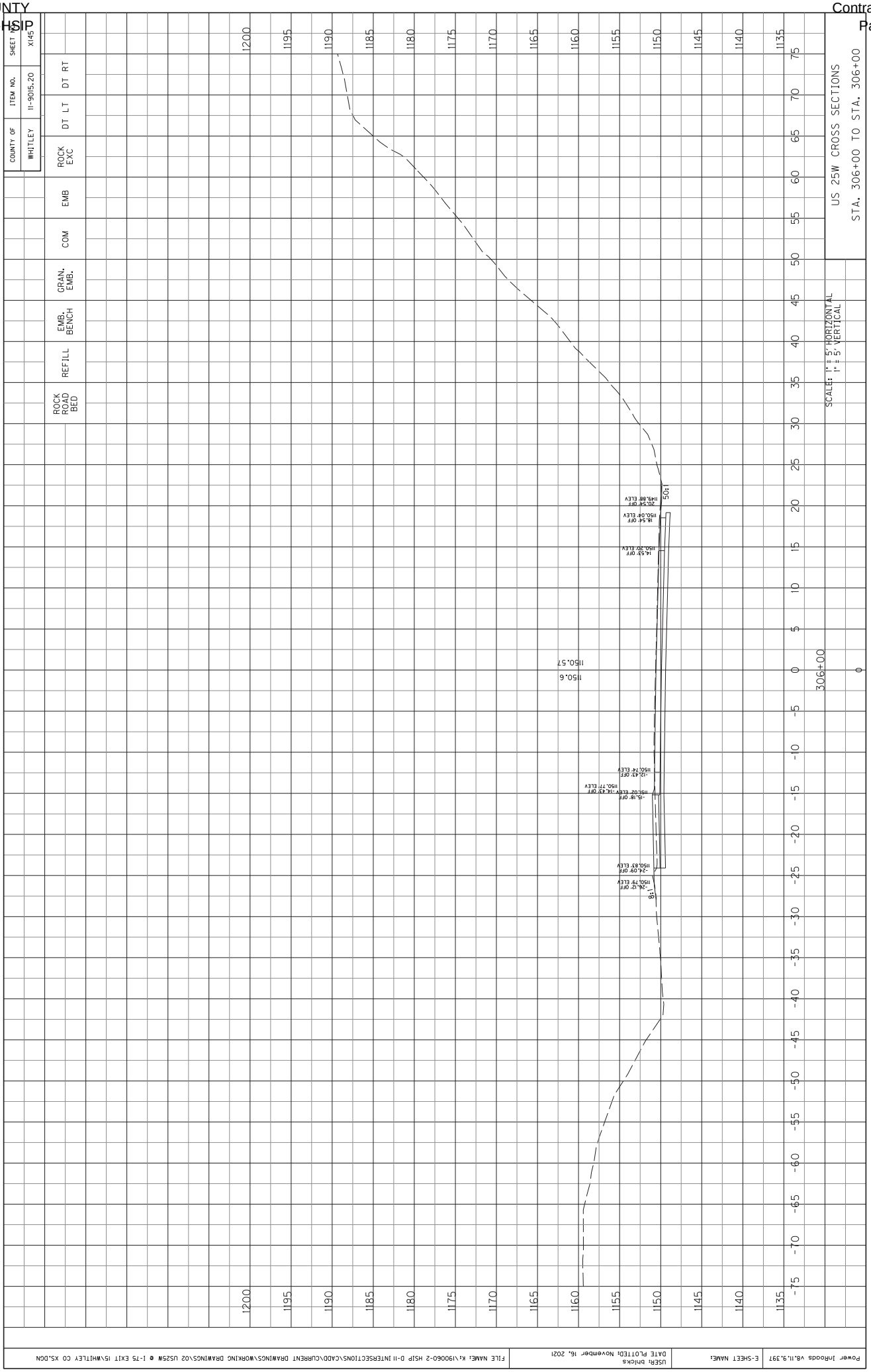

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X140
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 305+50 TO STA. 305+50
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
305+50
1150.49
1150.7
-16.55' OFF
1150.74' ELEV
-15.80'OFF
1150.49' ELEV
-13.80' OFF
1150.49' ELEV
16.20' OFF
1150.27' ELEV
20.20' OFF
1150.1' ELEV
22.20' OFF
1149.99' ELEV
-37.96' OFF
1150.25' ELEV
-39.52' OFF
1150.30' ELEV
Power InRoads V8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

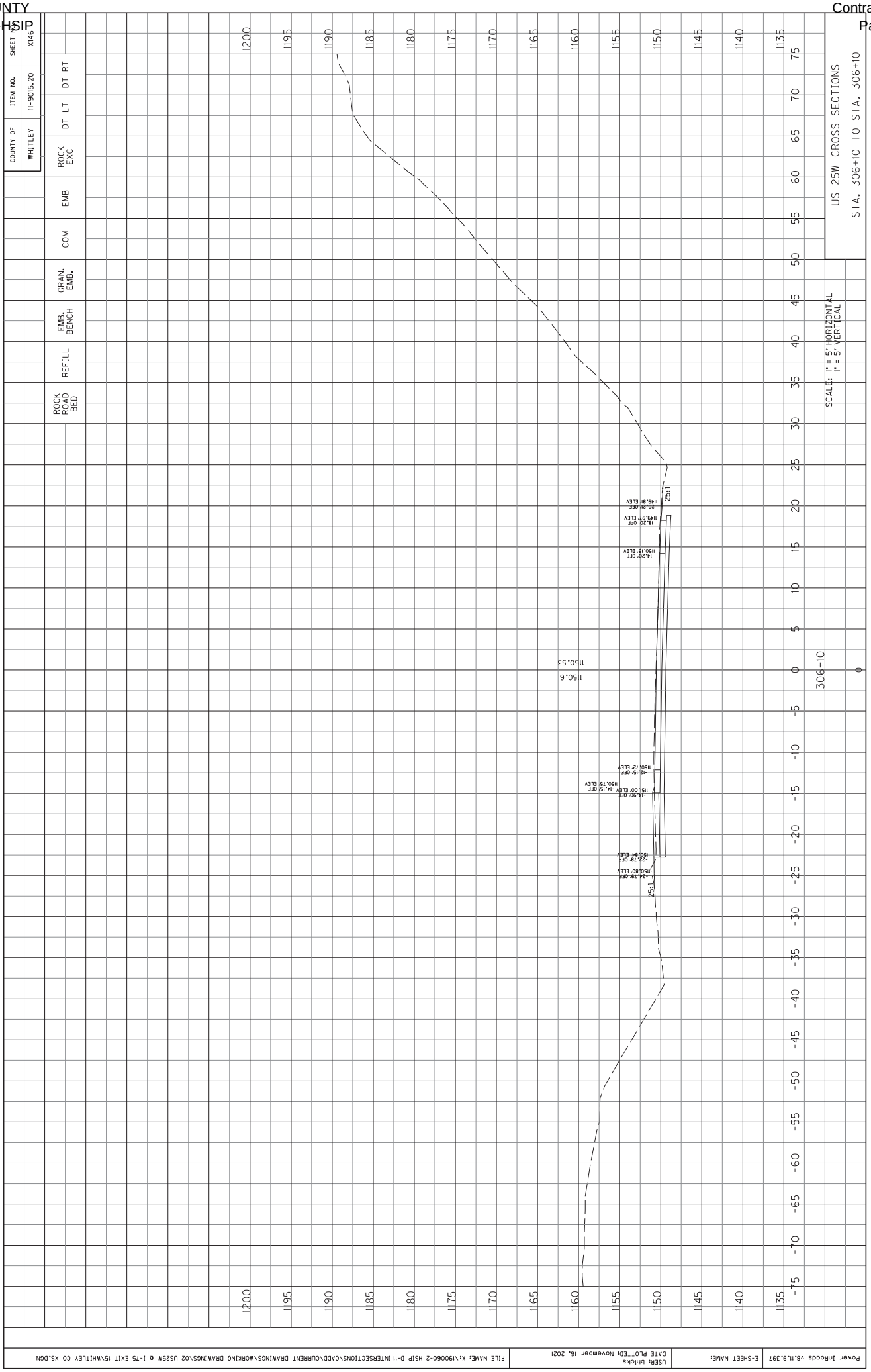

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X141
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 305+60 TO STA. 305+60
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
305+60
1150.7
1150.53
4:1
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

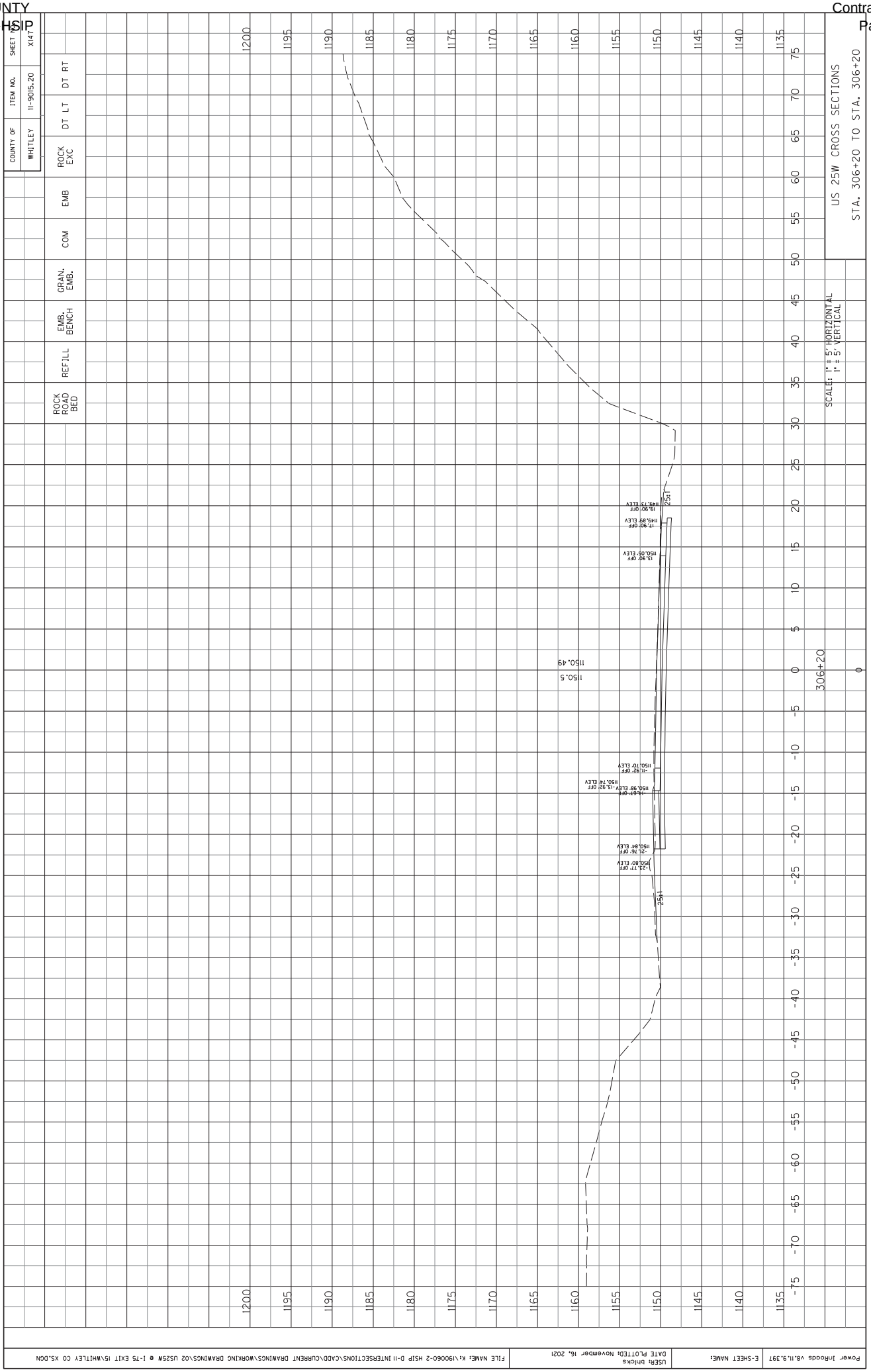

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X142
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 305+70 TO STA. 305+70
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1150.7
1150.57
305+70
1:1.5
1:2.0
1:4
-32.75' OFF
1150.34' ELEV
-30.67' OFF
1150.59' ELEV
-16.00' OFF
1150.91' ELEV -15.25' OFF
1150.66' ELEV
-13.25' OFF
1150.65' ELEV
15.57' OFF
1150.29' ELEV
19.54' OFF
1150.13' ELEV
21.54' OFF
1149.97' ELEV
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

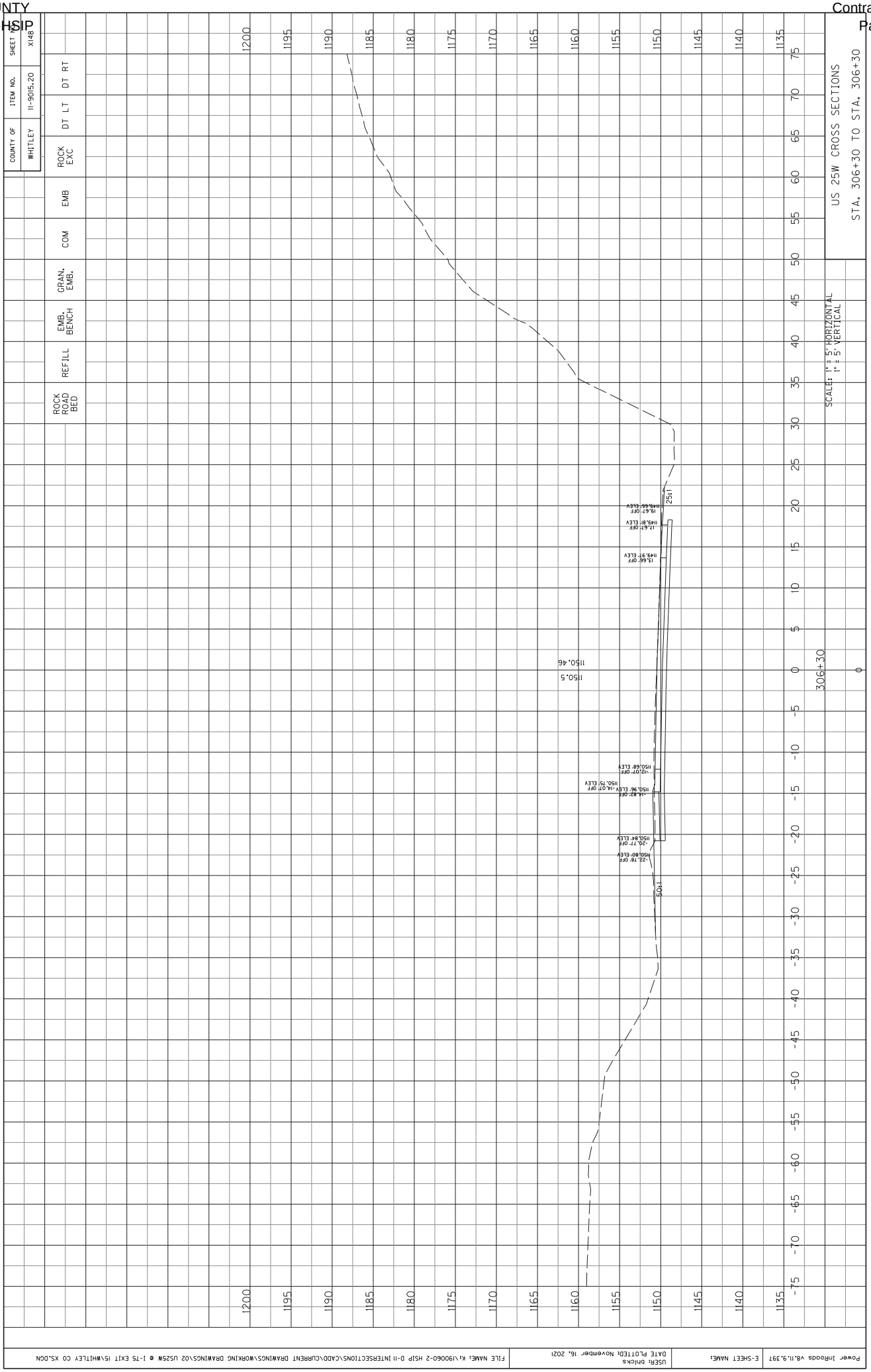

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X143
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 305+80 TO STA. 305+80
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
305+80
1150.7
1150.61
1205
1200
1195
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
1:4
1:1
1150.74' ELEV
-28.07' OFF
1150.69' ELEV
-30.08' OFF
1150.99' ELEV
-14.98' OFF
1150.72' ELEV
-15.73' OFF
1150.73' ELEV
-12.97' OFF
1150.30' ELEV
-15.20' OFF
1150.14' ELEV
19.20' OFF
1149.98' ELEV
21.20' OFF
Power InRoads V8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

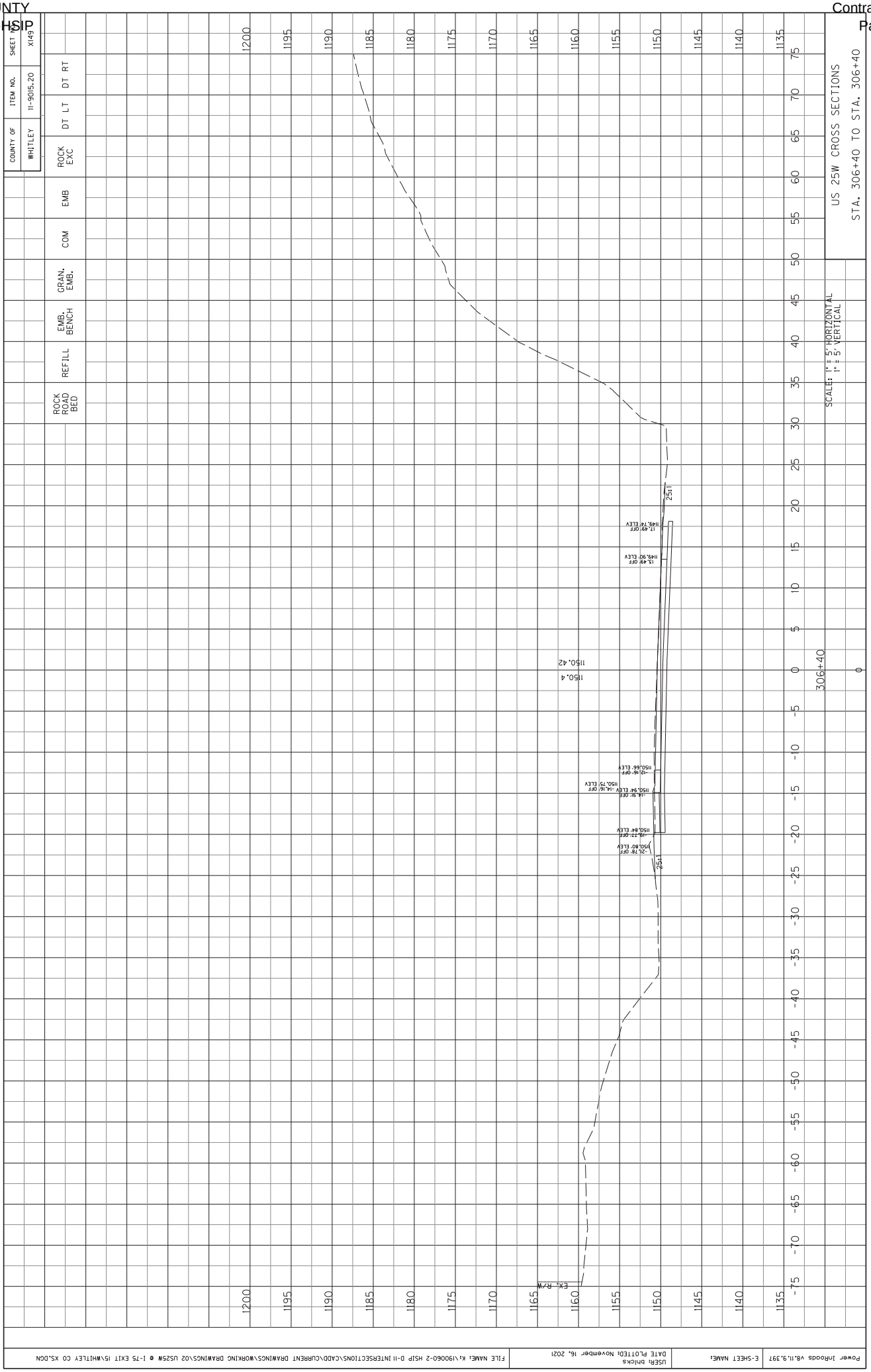

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X144
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 305+90 TO STA. 305+90
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
305+90
0
1150.6
1150.61
1200
1195
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
TIED
1149.98' ELEV
20.87' OFF
1150.12' ELEV
18.87' OFF
1150.28' ELEV
14.87' OFF
1150.76' ELEV
-12.70' OFF
1150.78' ELEV
-14.20' OFF
1151.07' ELEV
-15.45' OFF
1150.82' ELEV
-25.84' OFF
1150.78' ELEV
-27.97' OFF
4:1
Power InRoads V8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

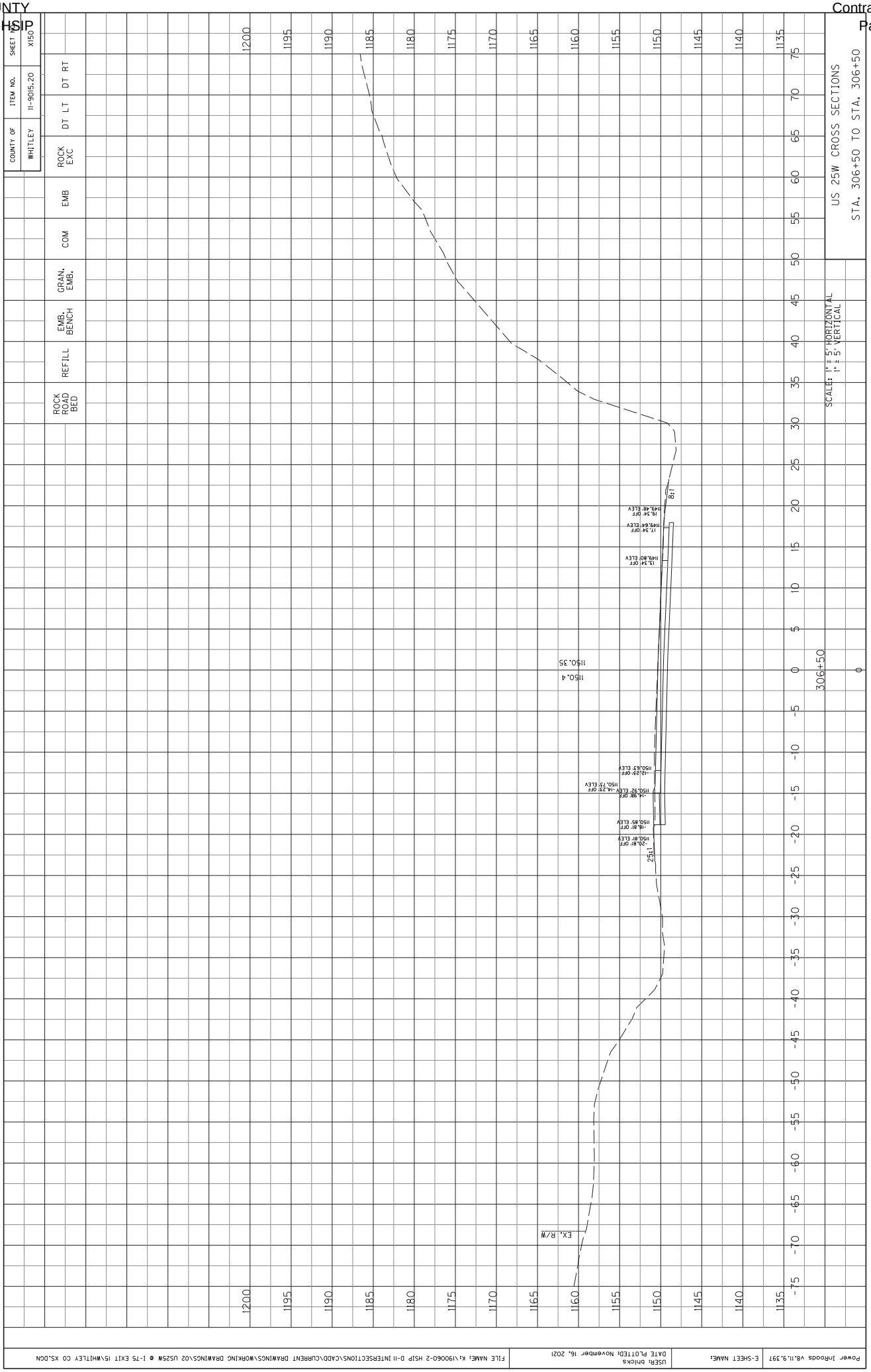

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X145
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 306+00 TO STA. 306+00
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
306+00
1150.6
1150.57
1:05
1:18
1:2
1200
1195
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75

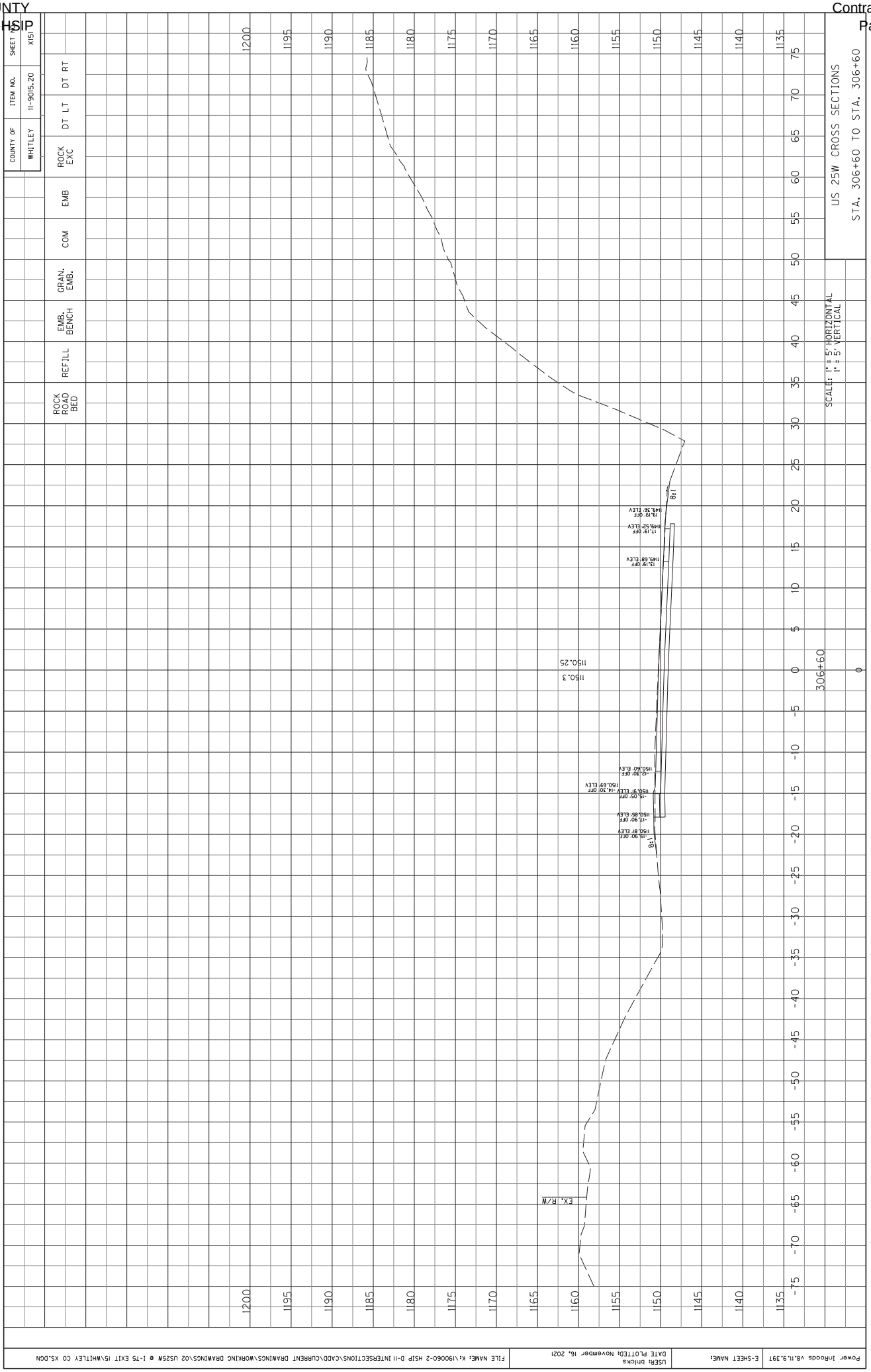

SHEET NO. X146
ITEM NO. 11-9015.20
COUNTY OF WHITLEY
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 306+10 TO STA. 306+10
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
306+10
1150.6
1150.53
25:1
25:1
1200
1195
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
Power InRoads V8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

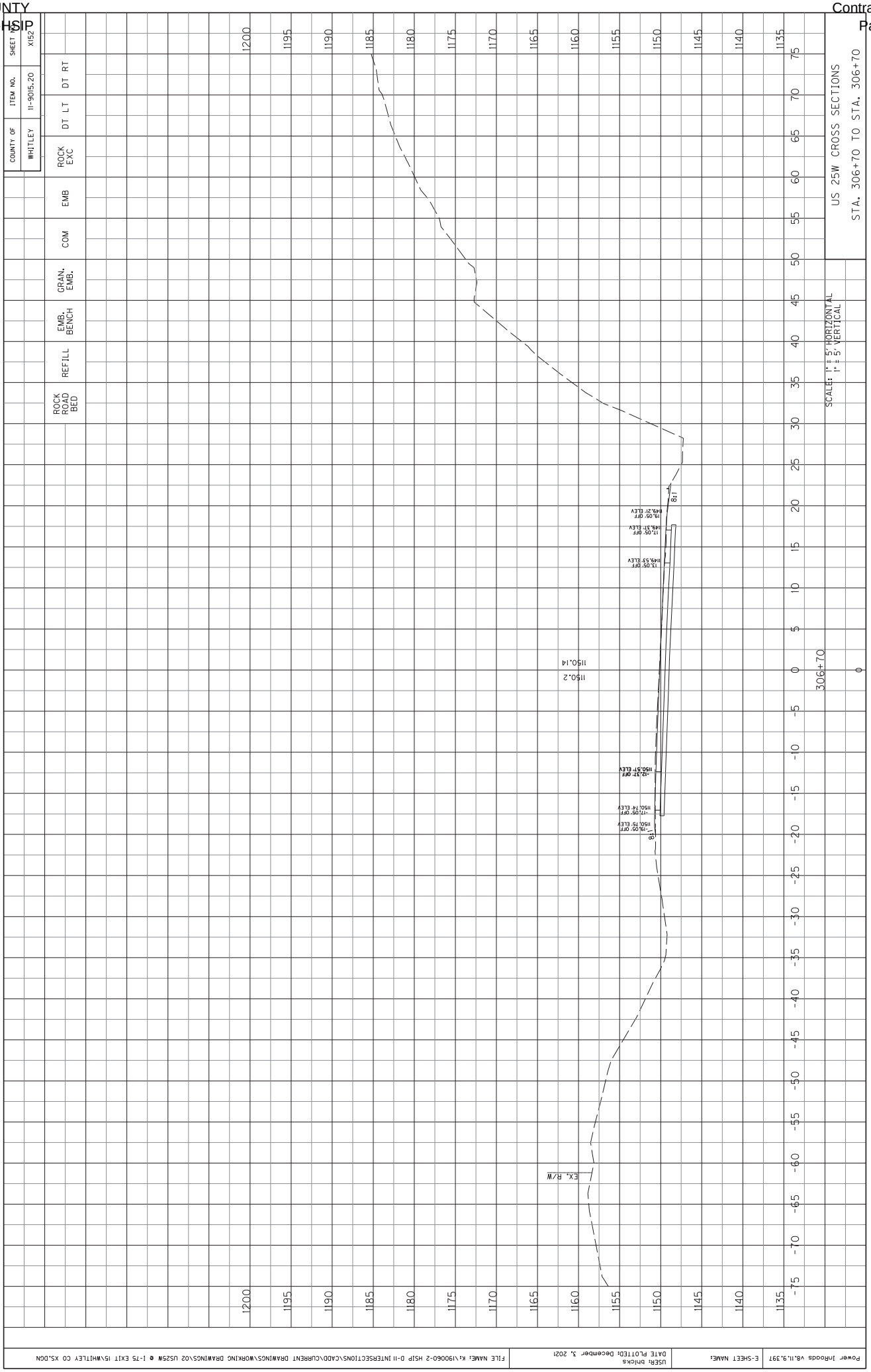

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X147
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 306+20 TO STA. 306+20
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
306+20
1150.49
1150.5
25:1
-25:1
Power InRoads V8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

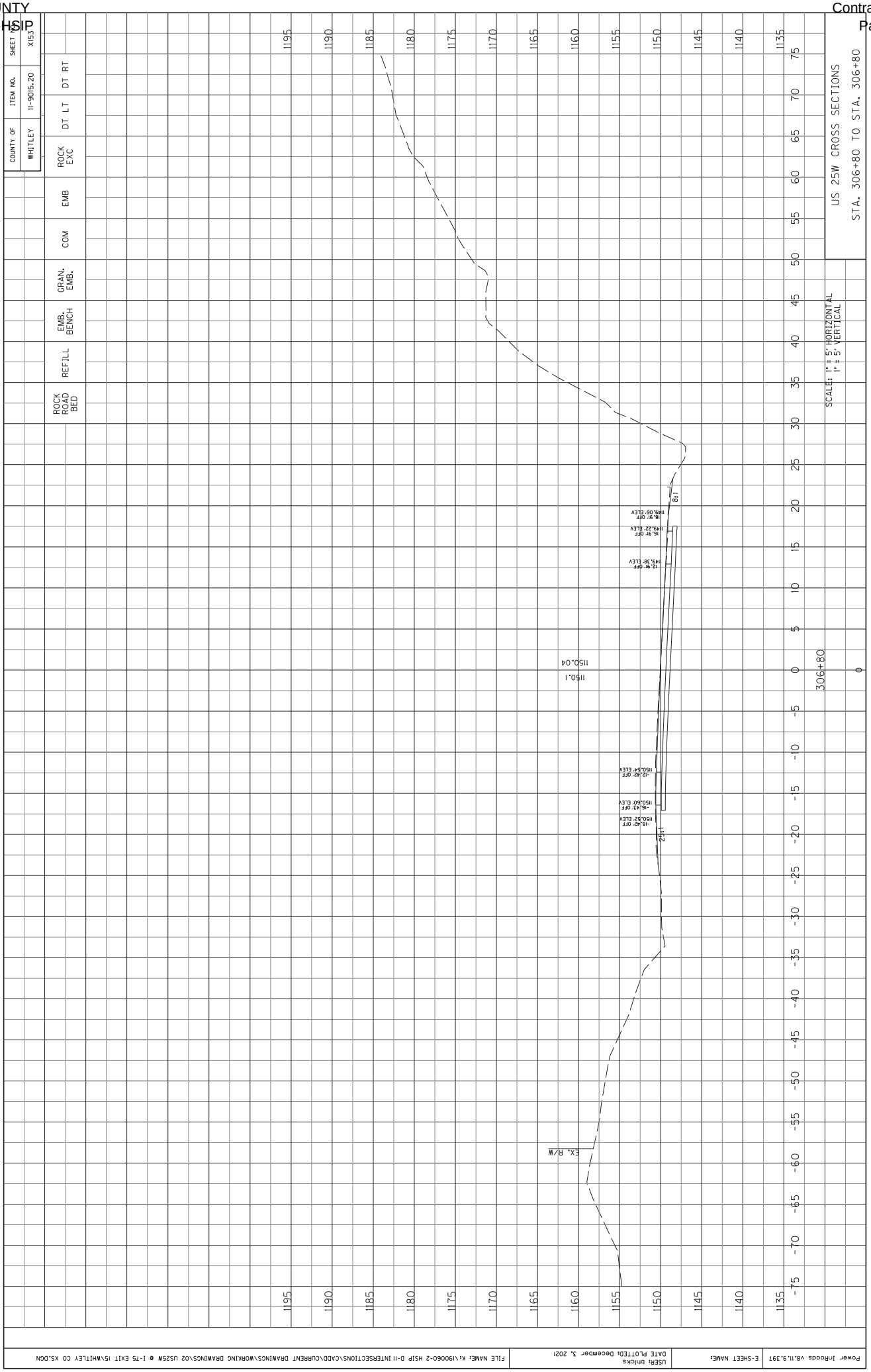

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X148
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 306+30 TO STA. 306+30
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
306+30
0
1150.5
1150.46
25:1
50:1
1200
1195
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75

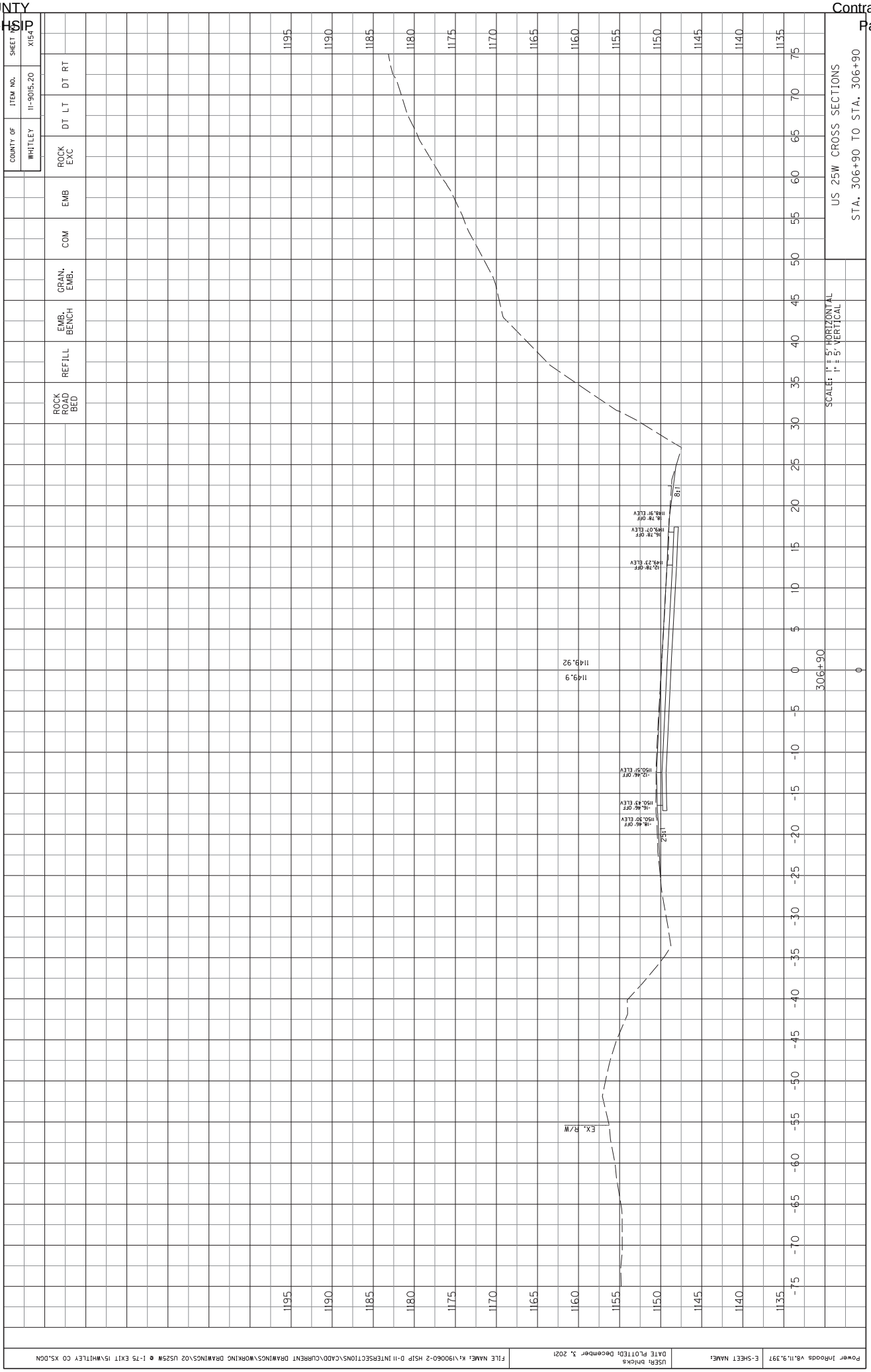

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X149
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 306+40 TO STA. 306+40
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
306+40
0
1150.42
1150.4
25:1
25:1
EX. 2%
1200
1195
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: November 16, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN


COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X150
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 306+50 TO STA. 306+50
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
306+50
0
1150.4
1150.35
EX. R/W
25:1
1200
1195
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135

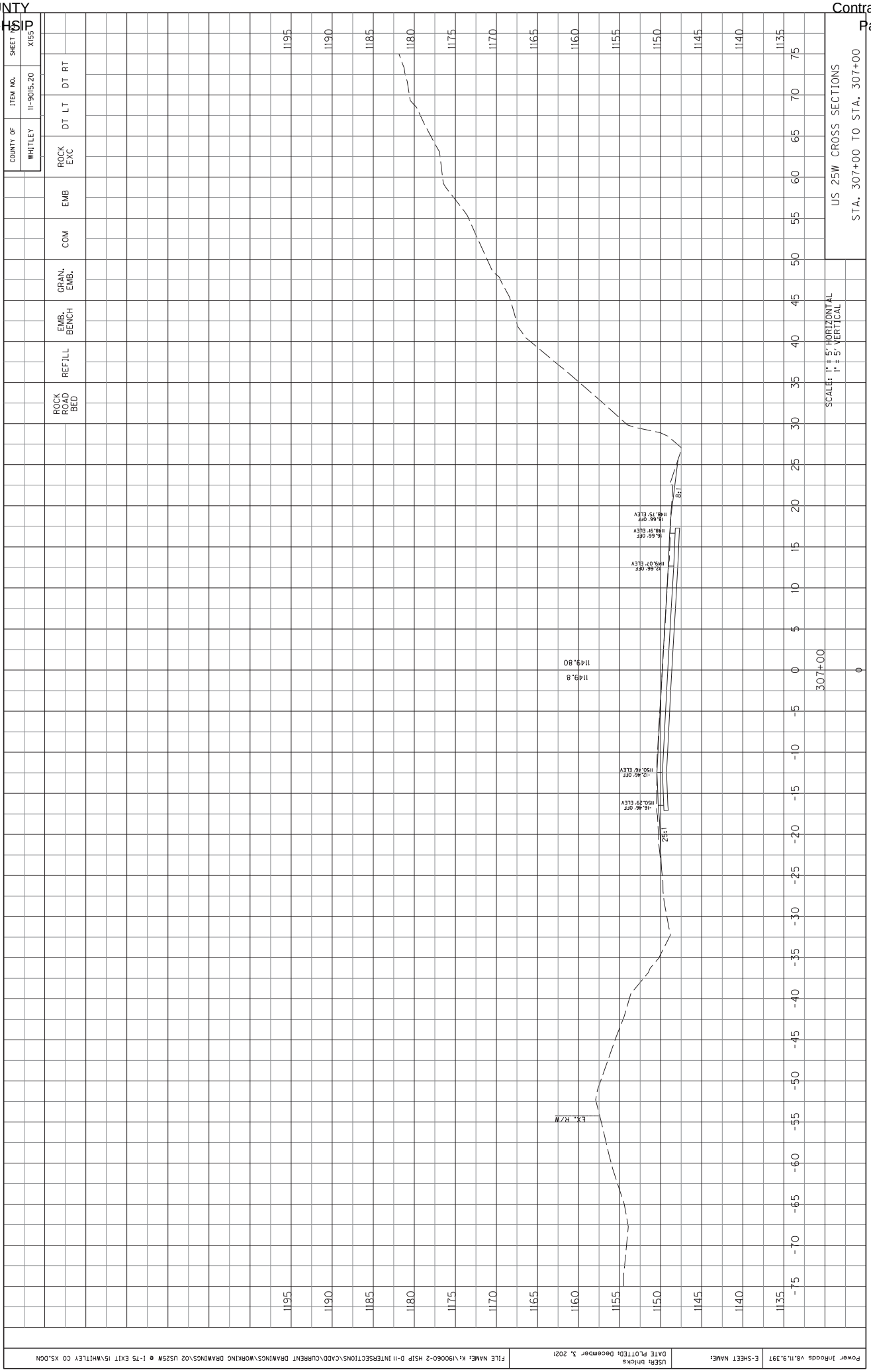

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X151
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 306+60 TO STA. 306+60
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
306+60
1150.3
1150.25
EX. R/W
1:1
1:8
1200
1195
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75

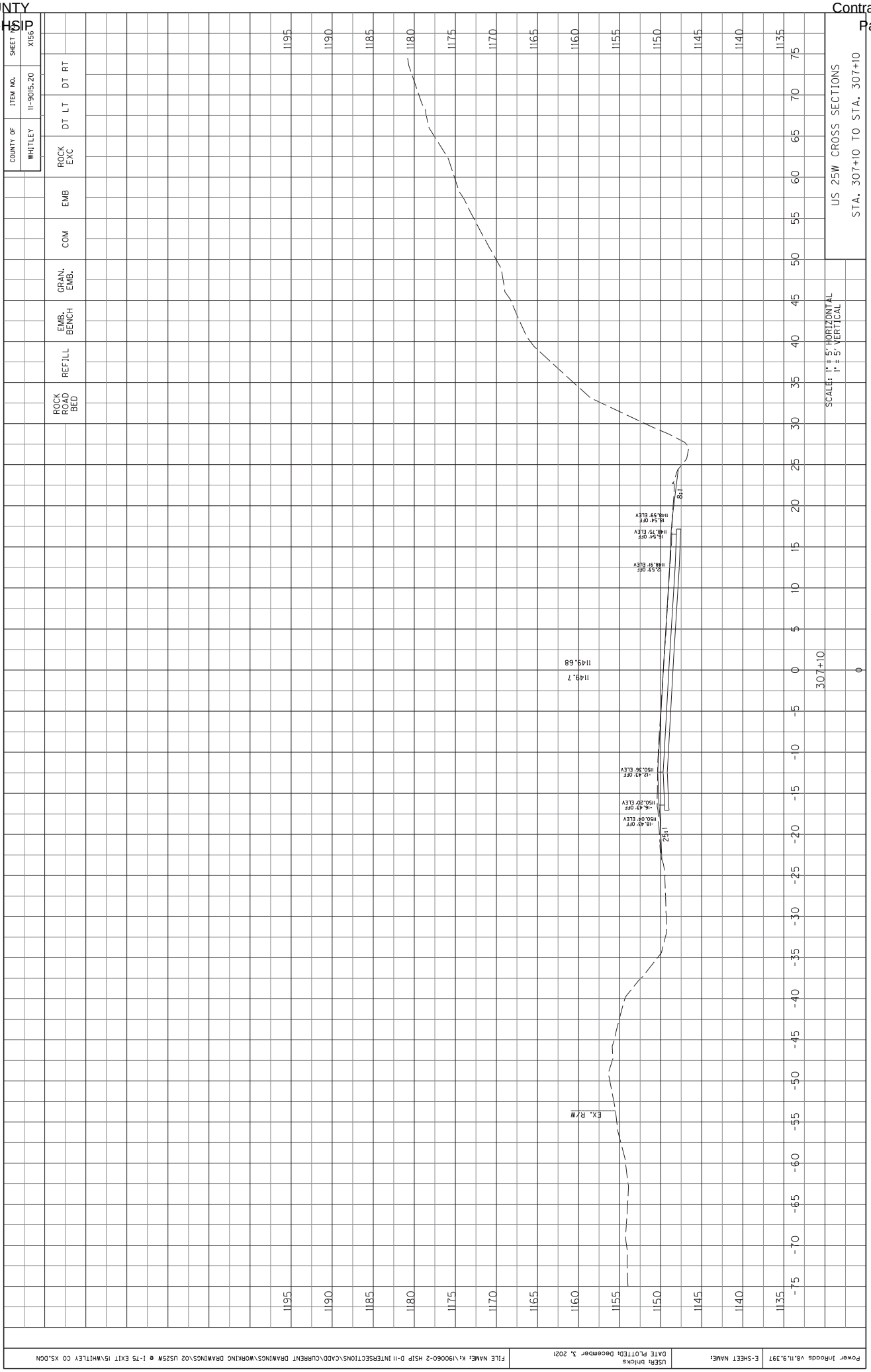

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X152
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 306+70 TO STA. 306+70
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
306+70
1150.2
1150.14
EX. R/W
1200
1195
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75


COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X153
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 306+80 TO STA. 306+80
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
306+80
0
1150.1
1150.04
EX. R/W
18'
23'-1
-18.42' OFF
1150.57' ELEV
-16.43' OFF
1150.60' ELEV
-12.42' OFF
1150.54' ELEV
12.97' OFF
1149.38' ELEV
16.91' OFF
1149.22' ELEV
18.91' OFF
1149.06' ELEV
1195
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
Power InRoads V8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

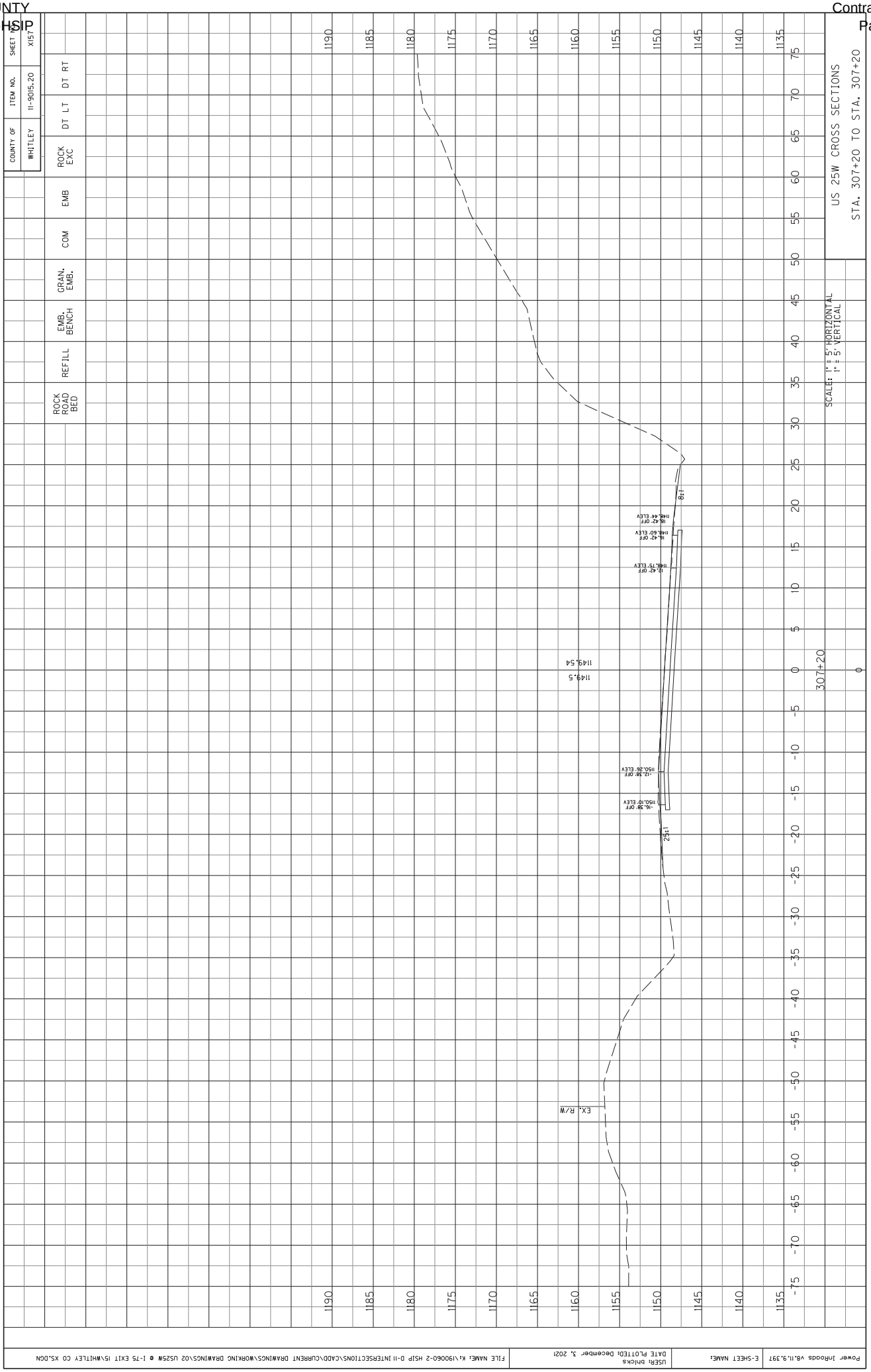


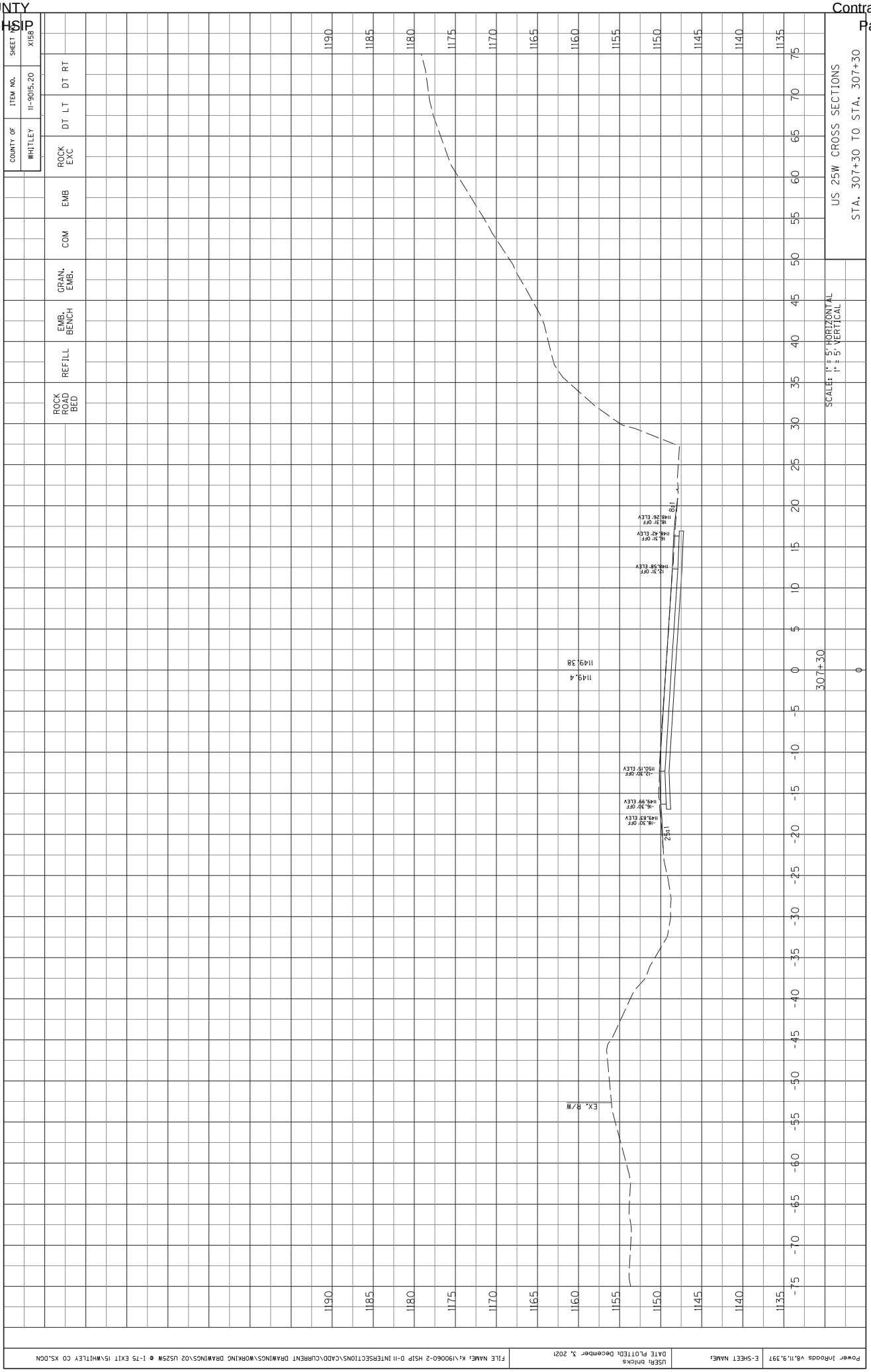
Power InRoads v8.11.9.397 | E-SHEET NAME: | USER: bhicks DATE PLOTTED: December 3, 2021 | FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

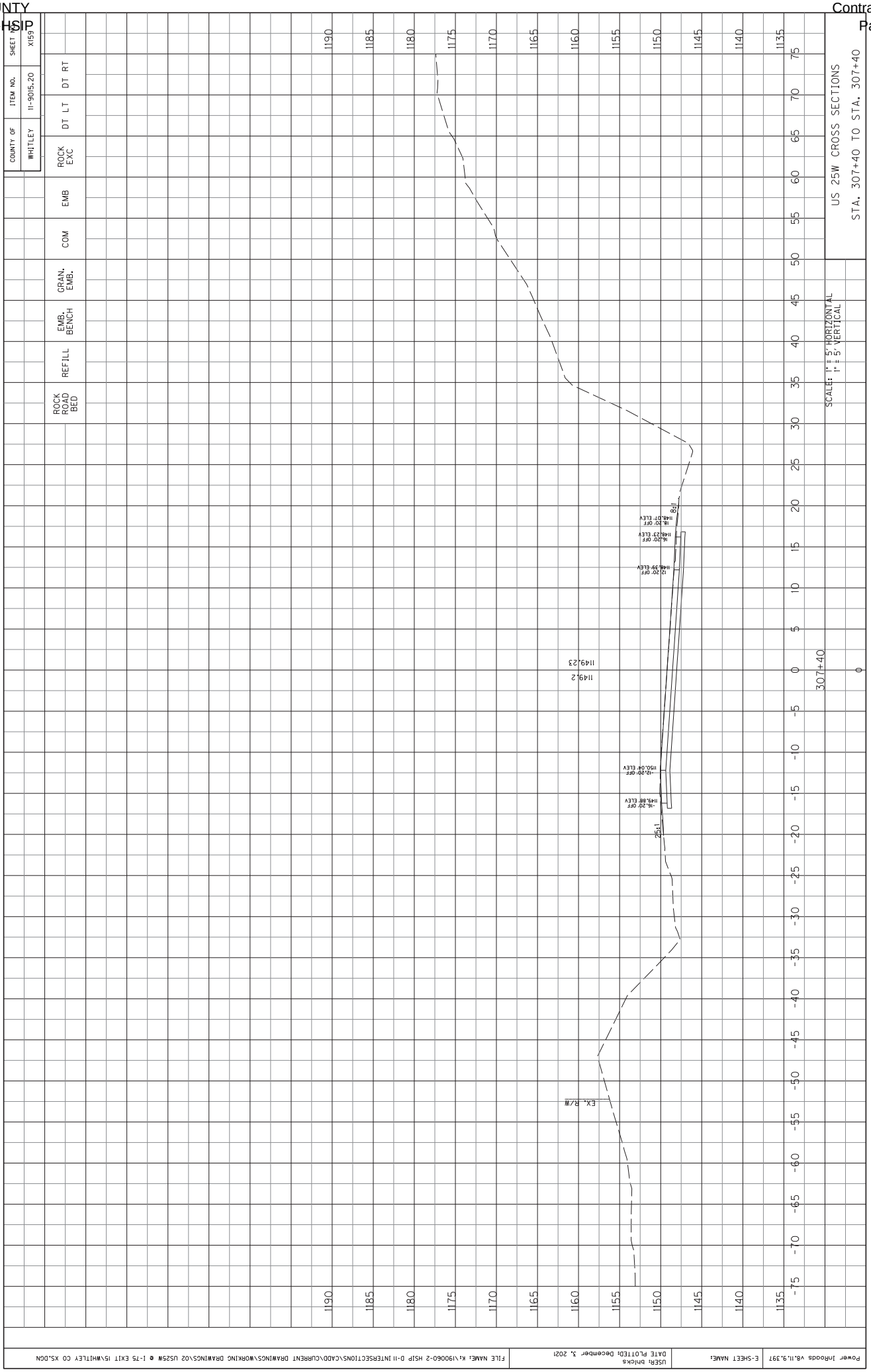

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X155
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 307+00 TO STA. 307+00
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
307+00
1149.80
1149.8
EX. R/W
25:1
18'
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

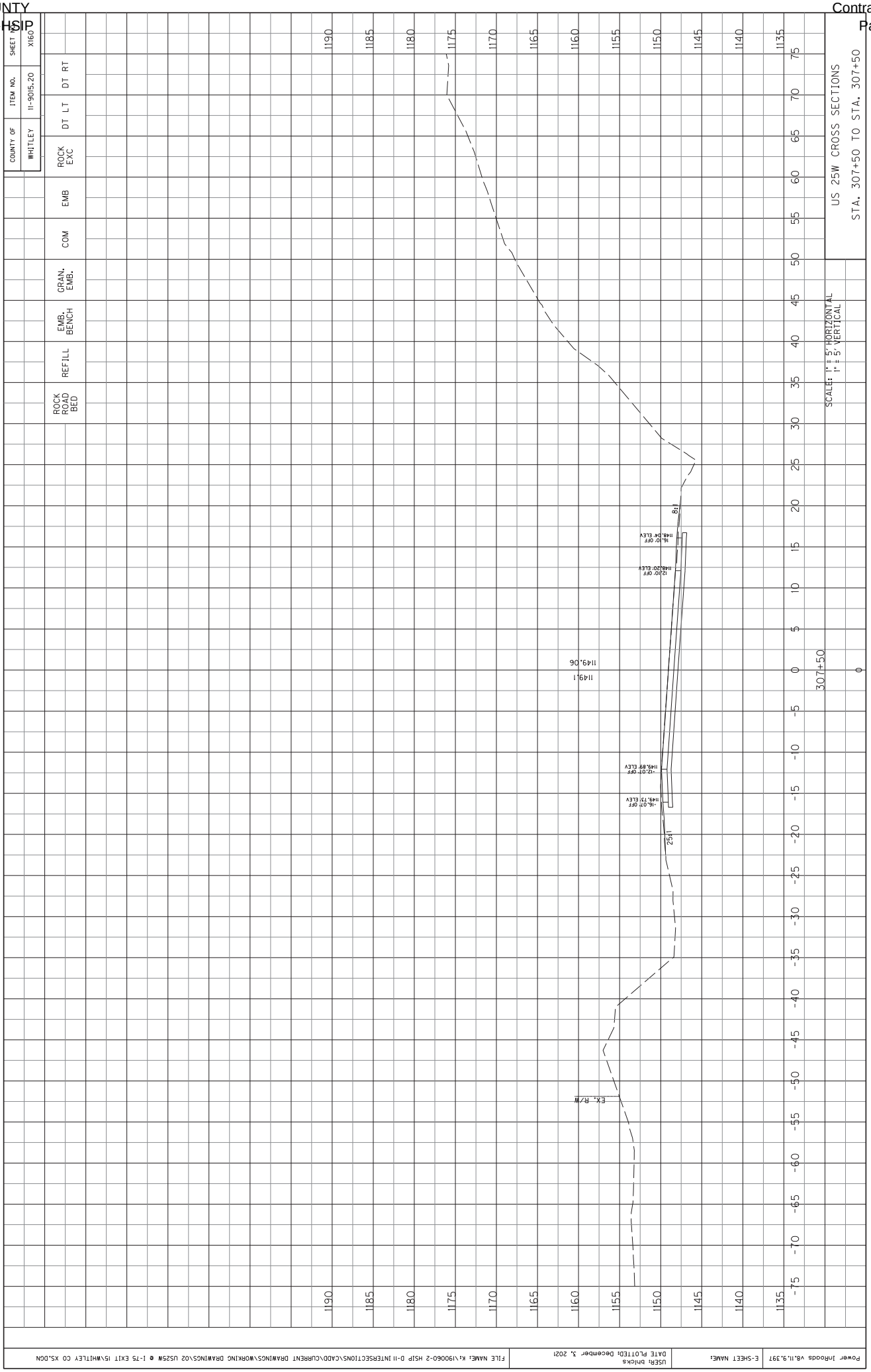


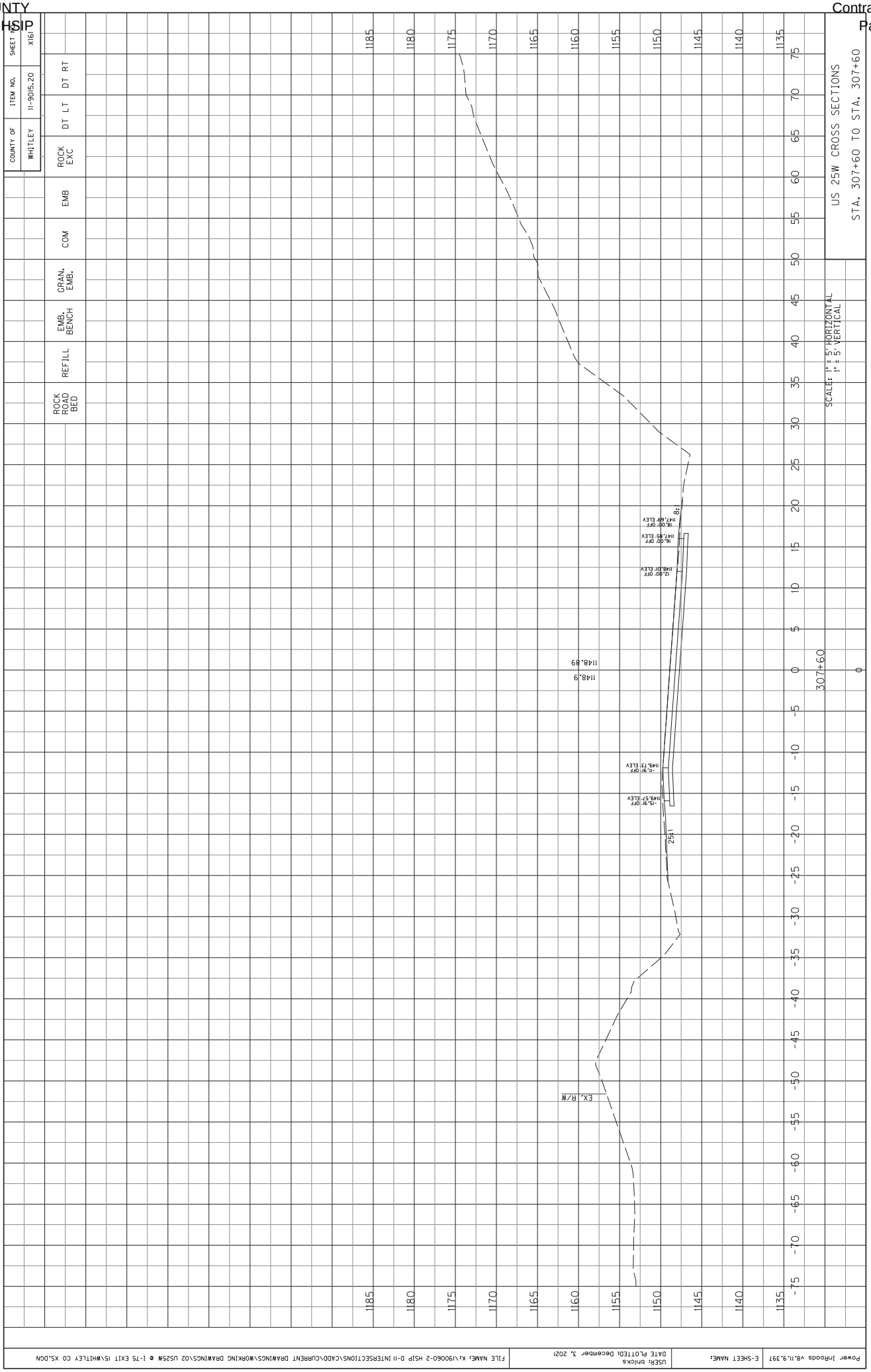
Power InRoads v8.11.9.397 | E-SHEET NAME: | USER: bhicks DATE PLOTTED: December 3, 2021 | FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

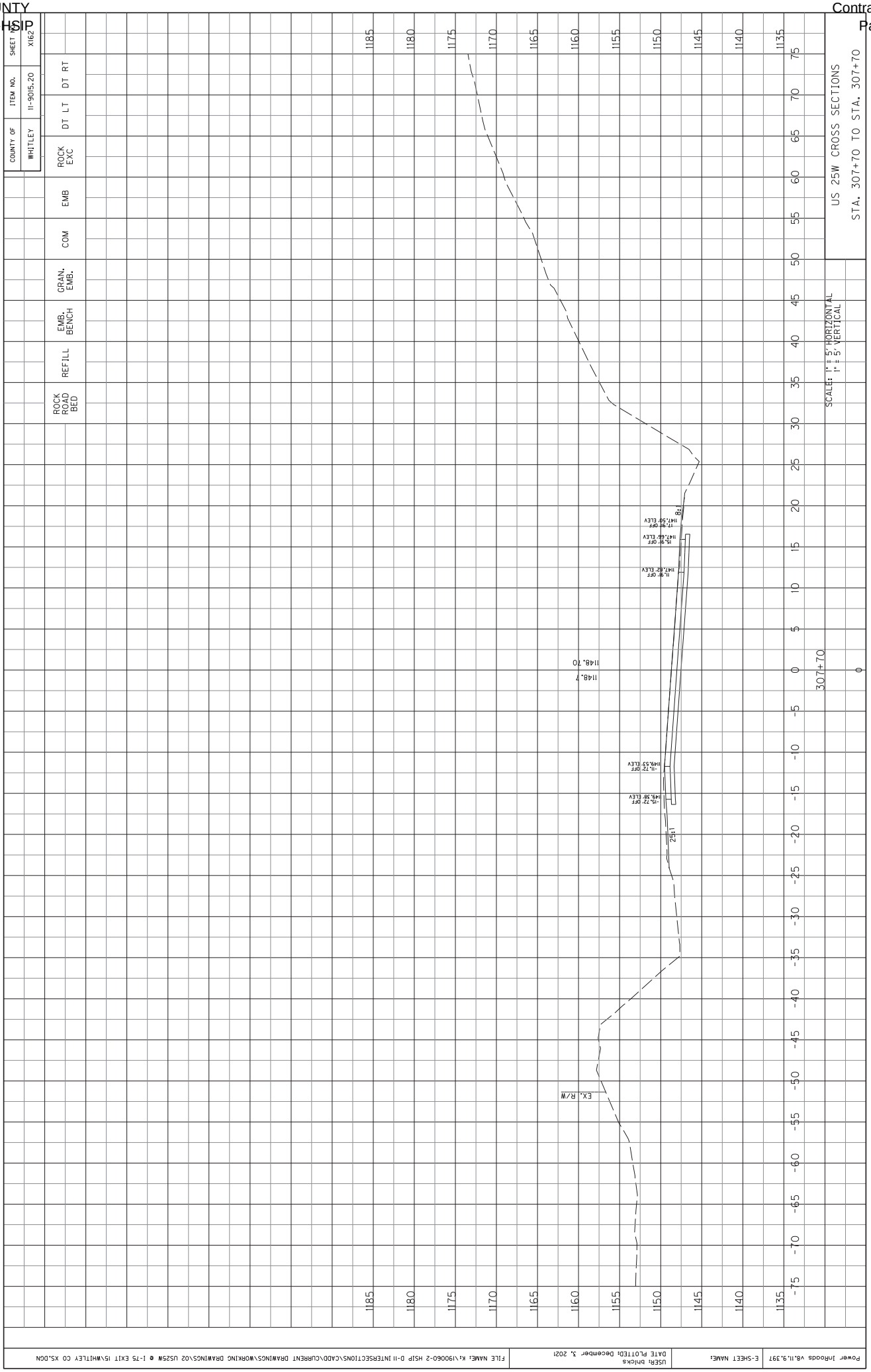

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X157
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 307+20 TO STA. 307+20
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
307+20
0
1149.5
1149.54
EX. R/W
1:8
1:8
1:4.2
1:4.2
1146.44' ELEV
18.42' OFF
1148.60' ELEV
16.42' OFF
1148.75' ELEV
12.42' OFF
1150.26' ELEV
-12.38' OFF
1150.10' ELEV
-16.38' OFF

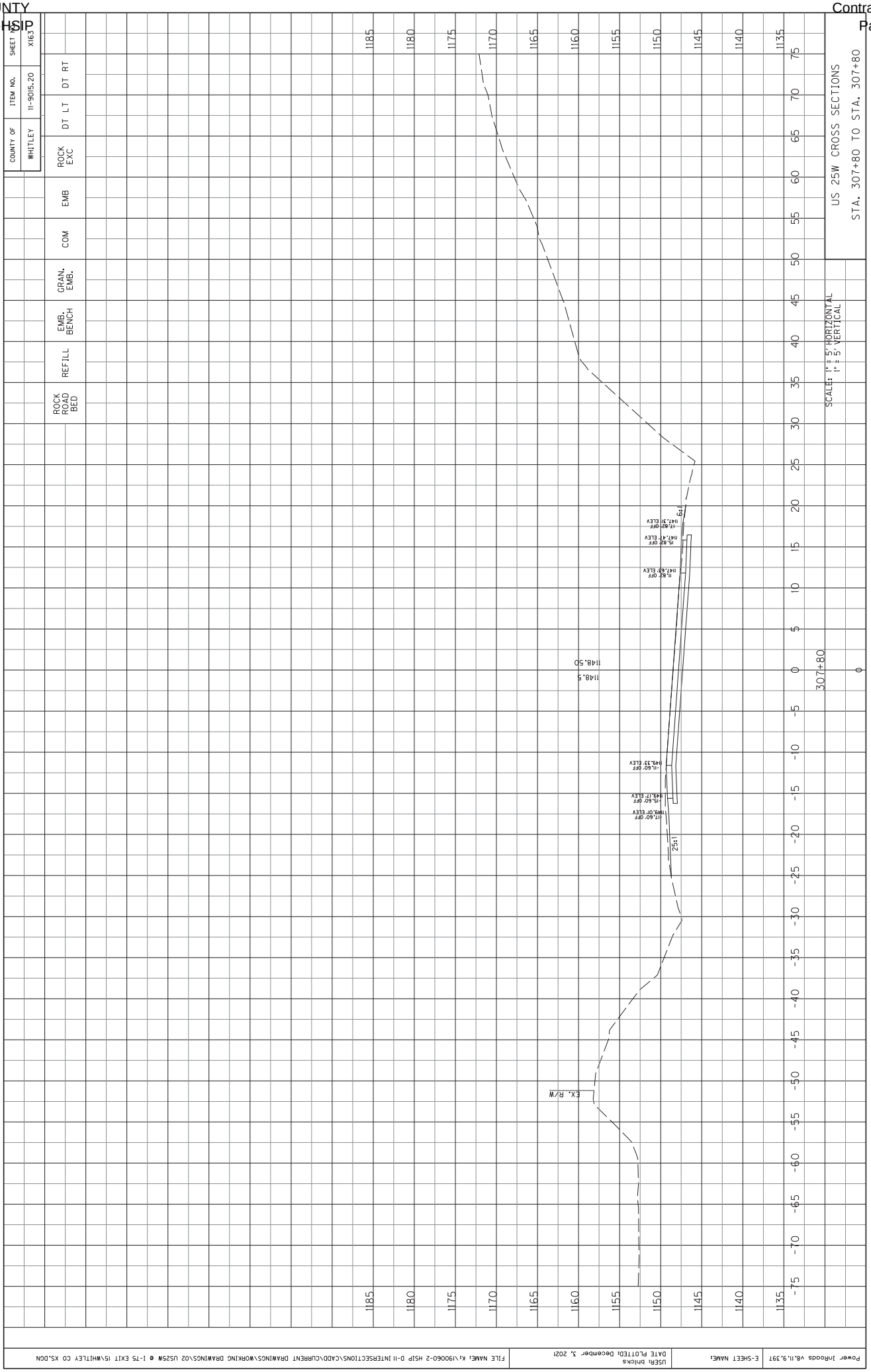

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X158
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 307+30 TO STA. 307+30
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
307+30
0
1149.38
1149.4
EX. R/W
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75

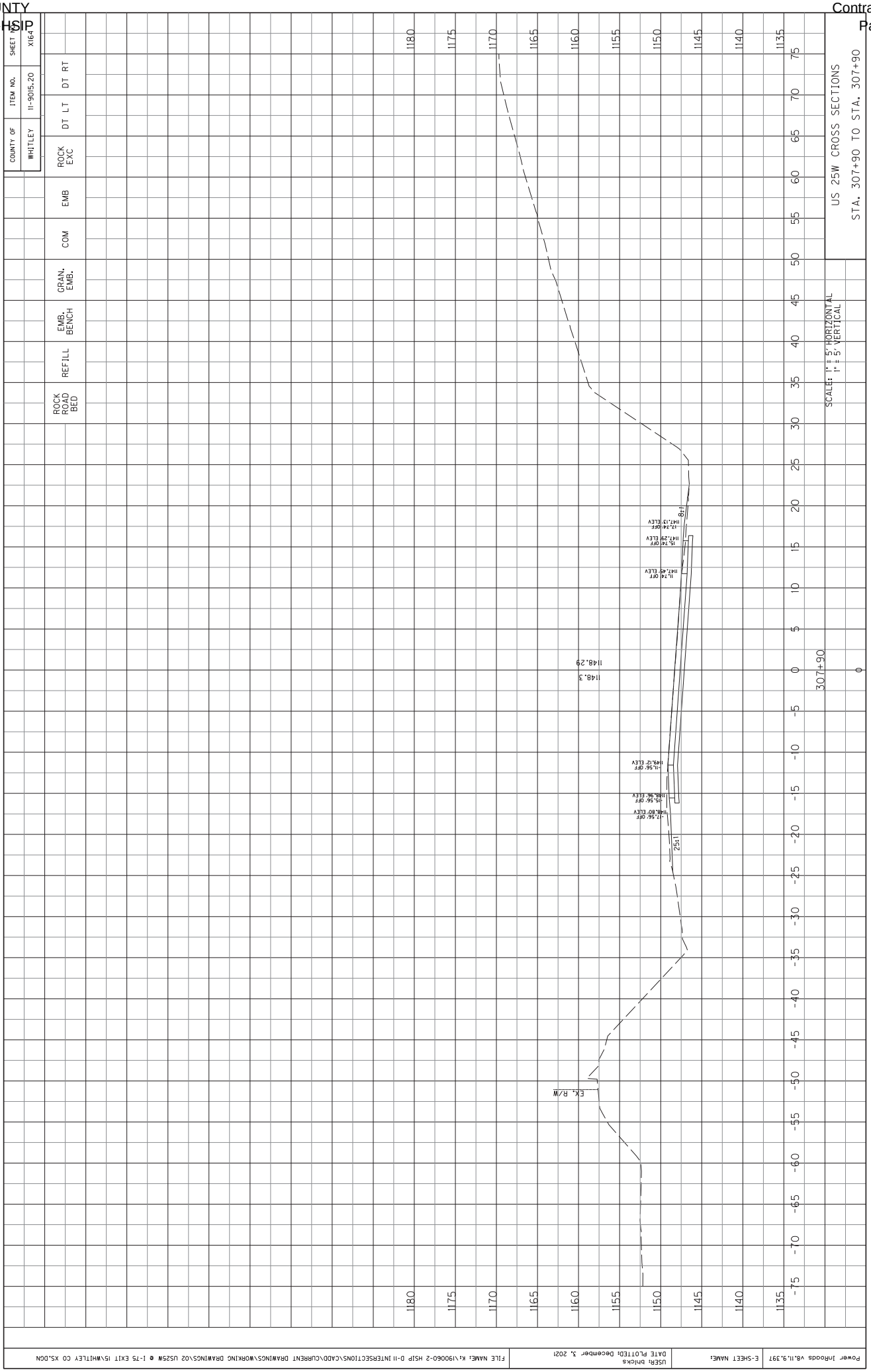

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X159
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 307+40 TO STA. 307+40
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
307+40
0
1149.2
1149.23
EX. R/W
2.5:1
18'
18.20' OFF
1148.07' ELEV
16.20' OFF
1148.23' ELEV
10.20' OFF
1148.39' ELEV
-12.20' OFF
1150.04' ELEV
-16.20' OFF
1149.88' ELEV
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75

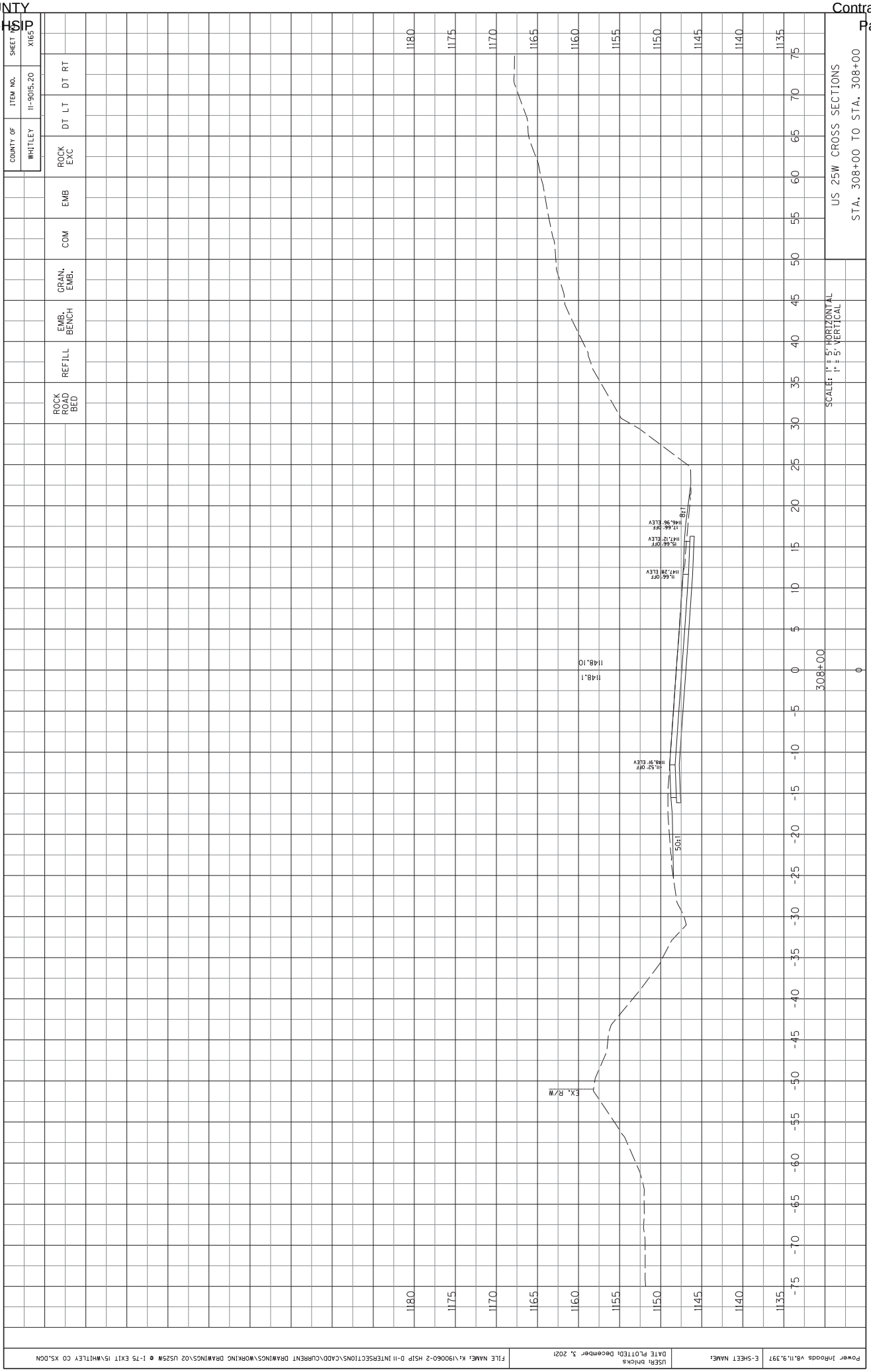

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X160
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 307+50 TO STA. 307+50
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
307+50
1149.06
1149.1
EX. R/W
16.0' OFF
1148.04' ELEV
12.0' OFF
1148.20' ELEV
-12.0' OFF
1149.89' ELEV
-16.0' OFF
1149.73' ELEV
2:1
1:1
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

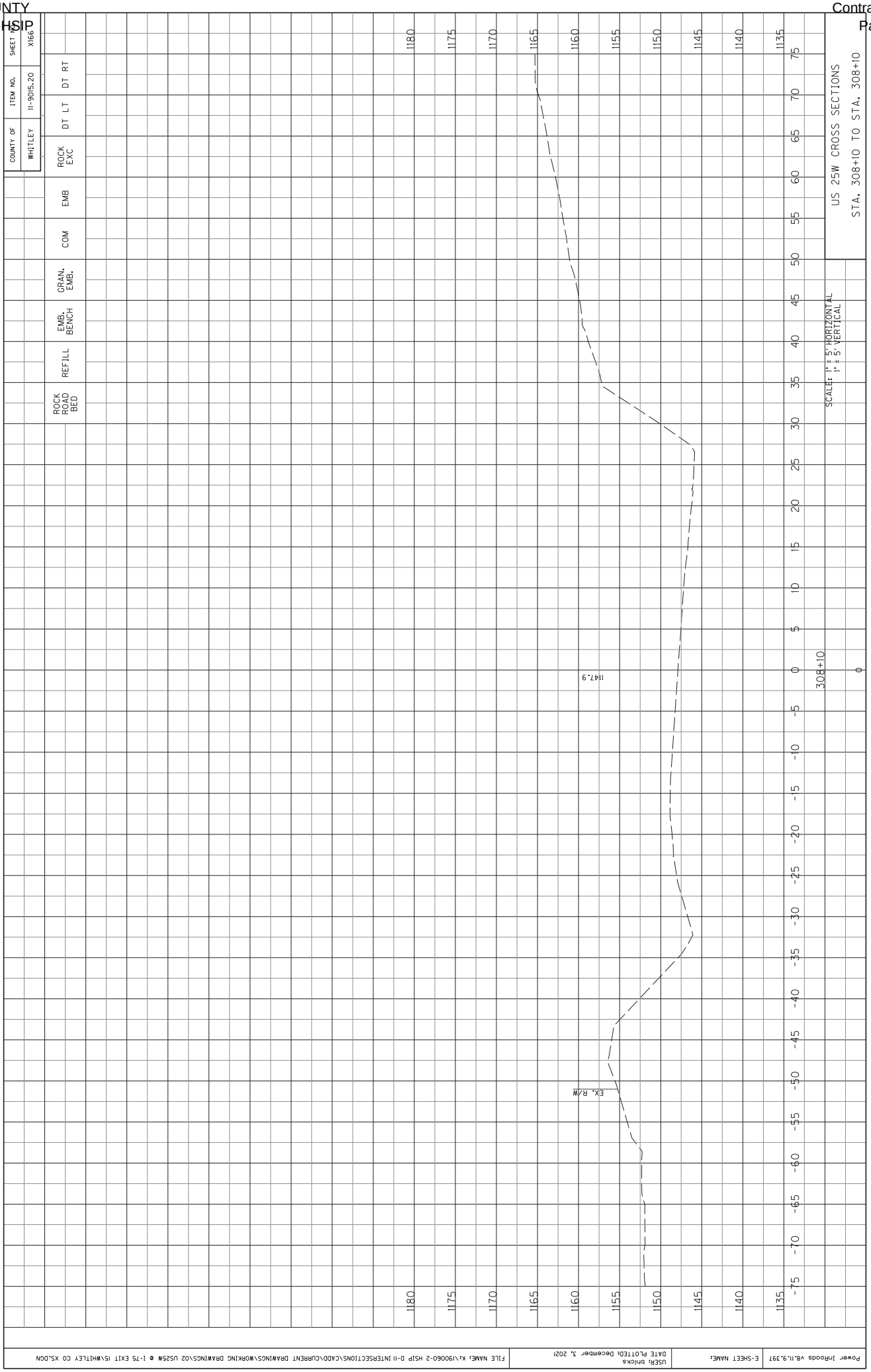

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X161
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 307+60 TO STA. 307+60
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
307+60
0
1148.89
1148.9
EX. R/W
25:1
18.00' OFF
1147.69' ELEV
16.00' OFF
1147.85' ELEV
12.00' OFF
1148.01' ELEV
-15.91'OFF
1149.73' ELEV
-15.91'OFF
1149.57' ELEV
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
Power InRoads V8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

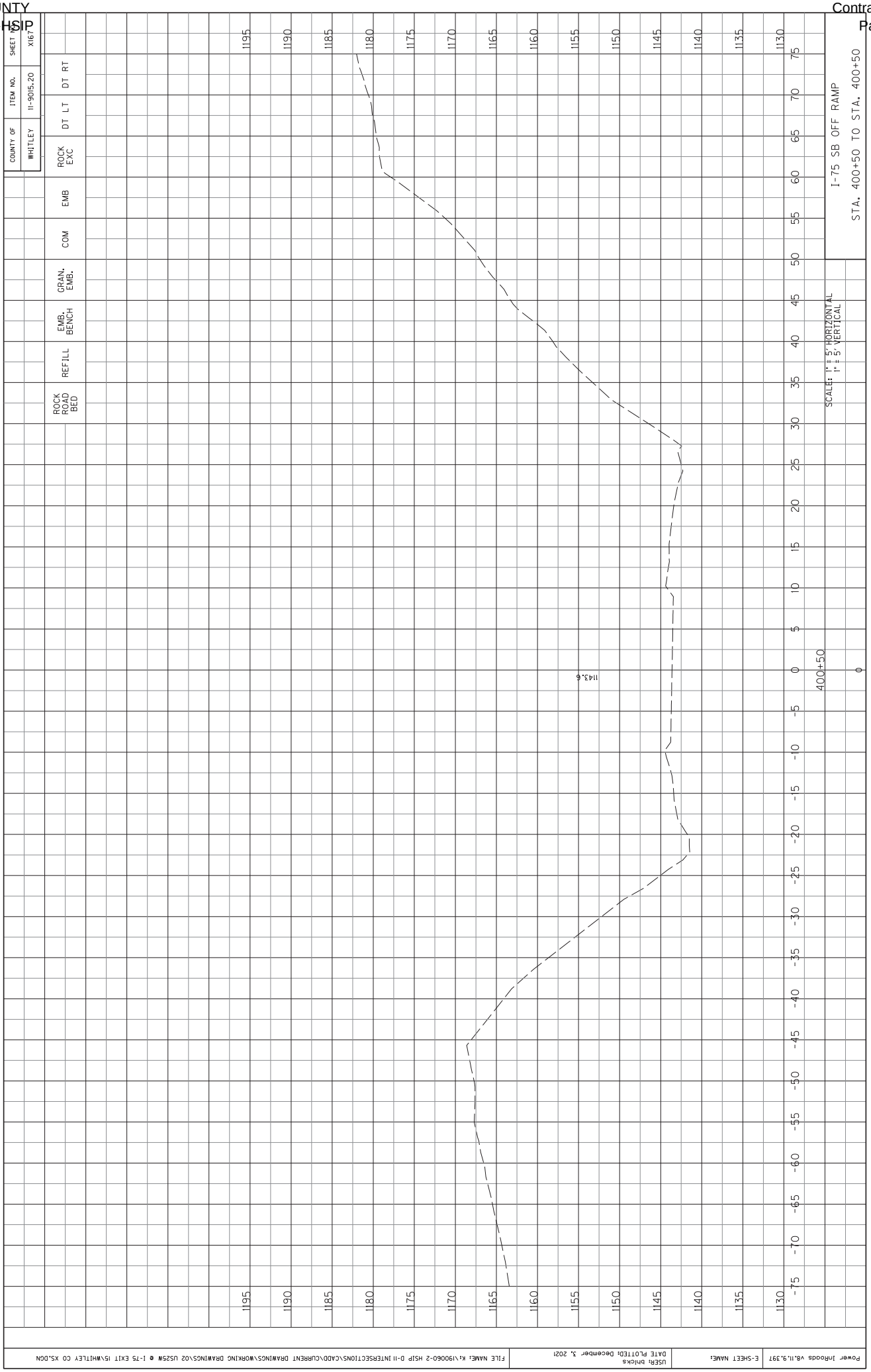

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X162
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 307+70 TO STA. 307+70
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
307+70
148.70
148.7
EX. R/W
1:8
1:8
1:42
15.97' OFF
1147.68' ELEV
11.97' OFF
1147.62' ELEV
17.97' OFF
1147.50' ELEV
-11.72' OFF
1149.53' ELEV
-15.72' OFF
1149.38' ELEV
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
Power InRoads V8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

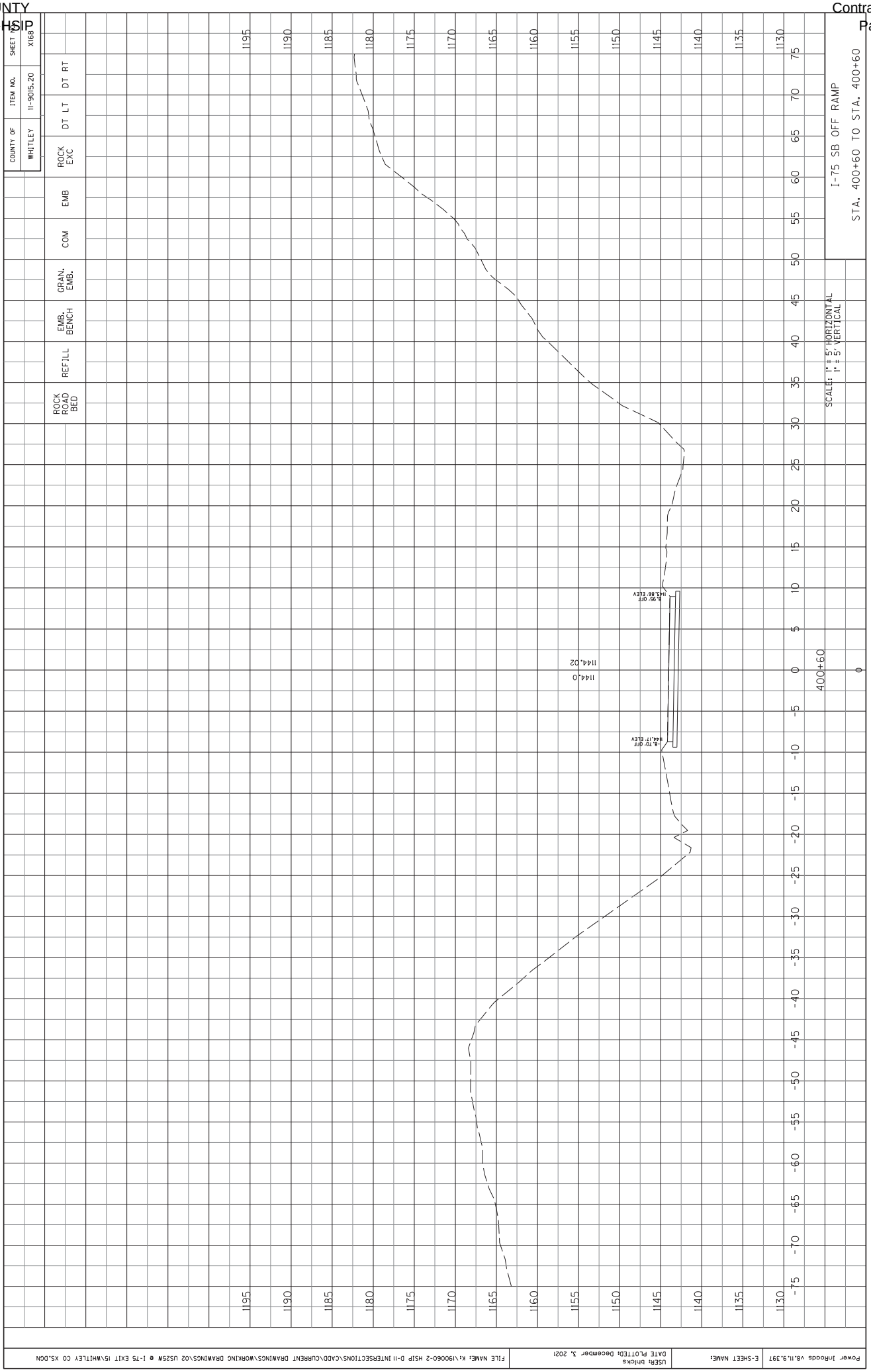

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X163
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 307+80 TO STA. 307+80
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
307+80
0
1148.5
1148.50
EX. R/W
25:1
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75

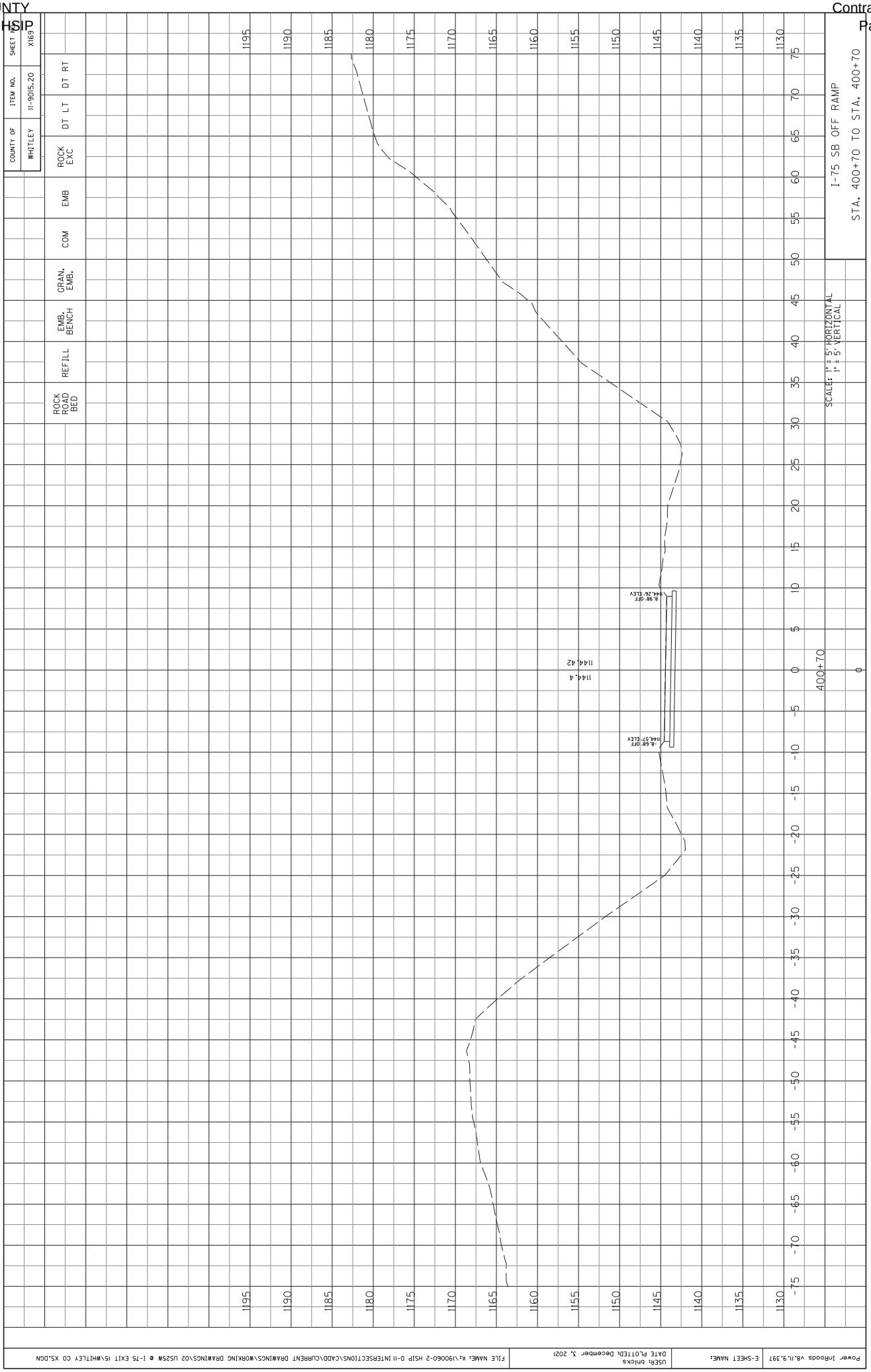

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X164
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 307+90 TO STA. 307+90
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
307+90
0
1148.29
1148.3
EX. R/W
25:1
8:1
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135


COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X165
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 308+00 TO STA. 308+00
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
308+00
0
1148.1
1148.10
50:1
EX. R/W
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75

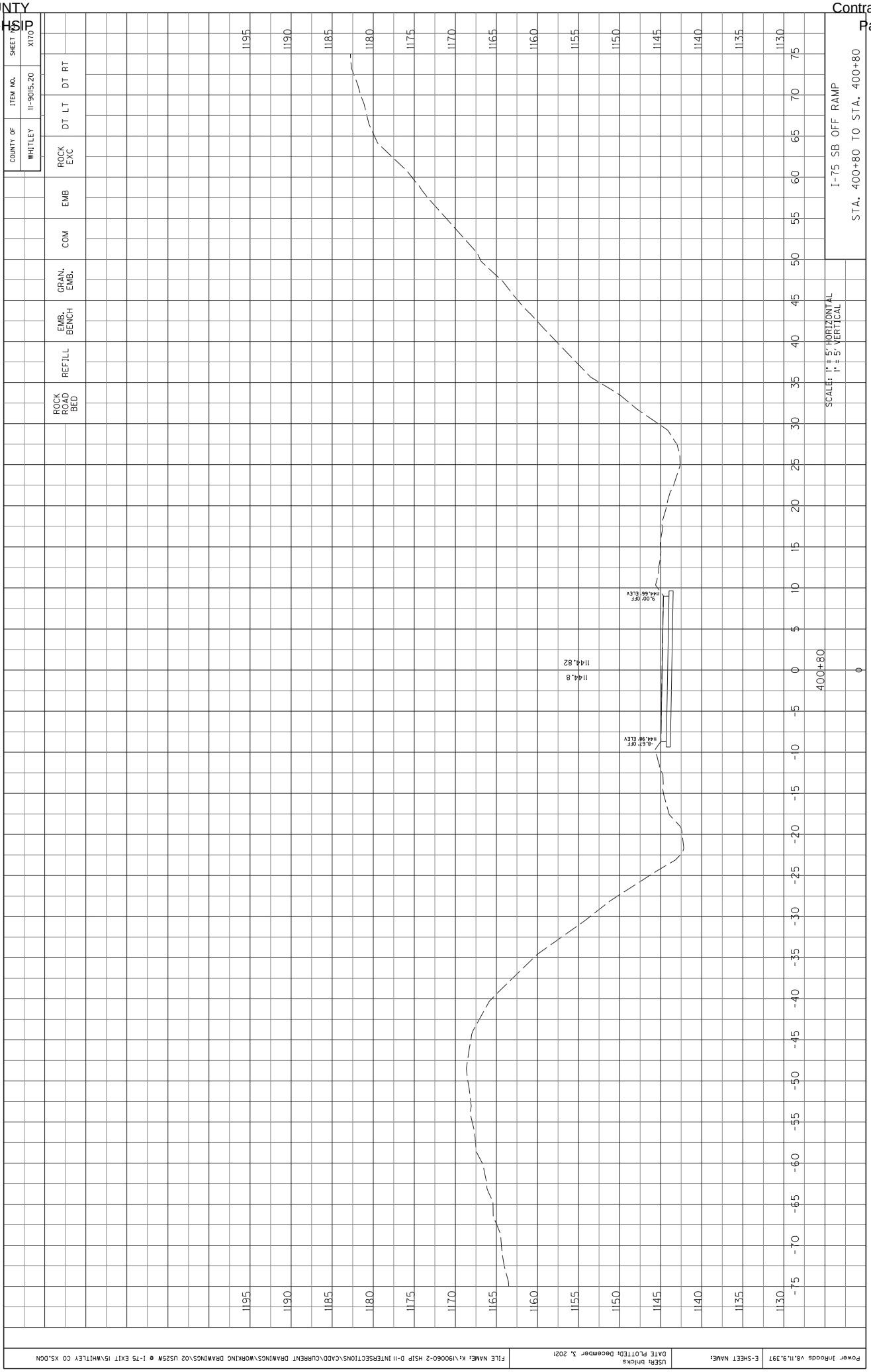

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X166
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
US 25W CROSS SECTIONS
STA. 308+10 TO STA. 308+10
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
308+10
1147.9
EX. R/W
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
Power InRoads V8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

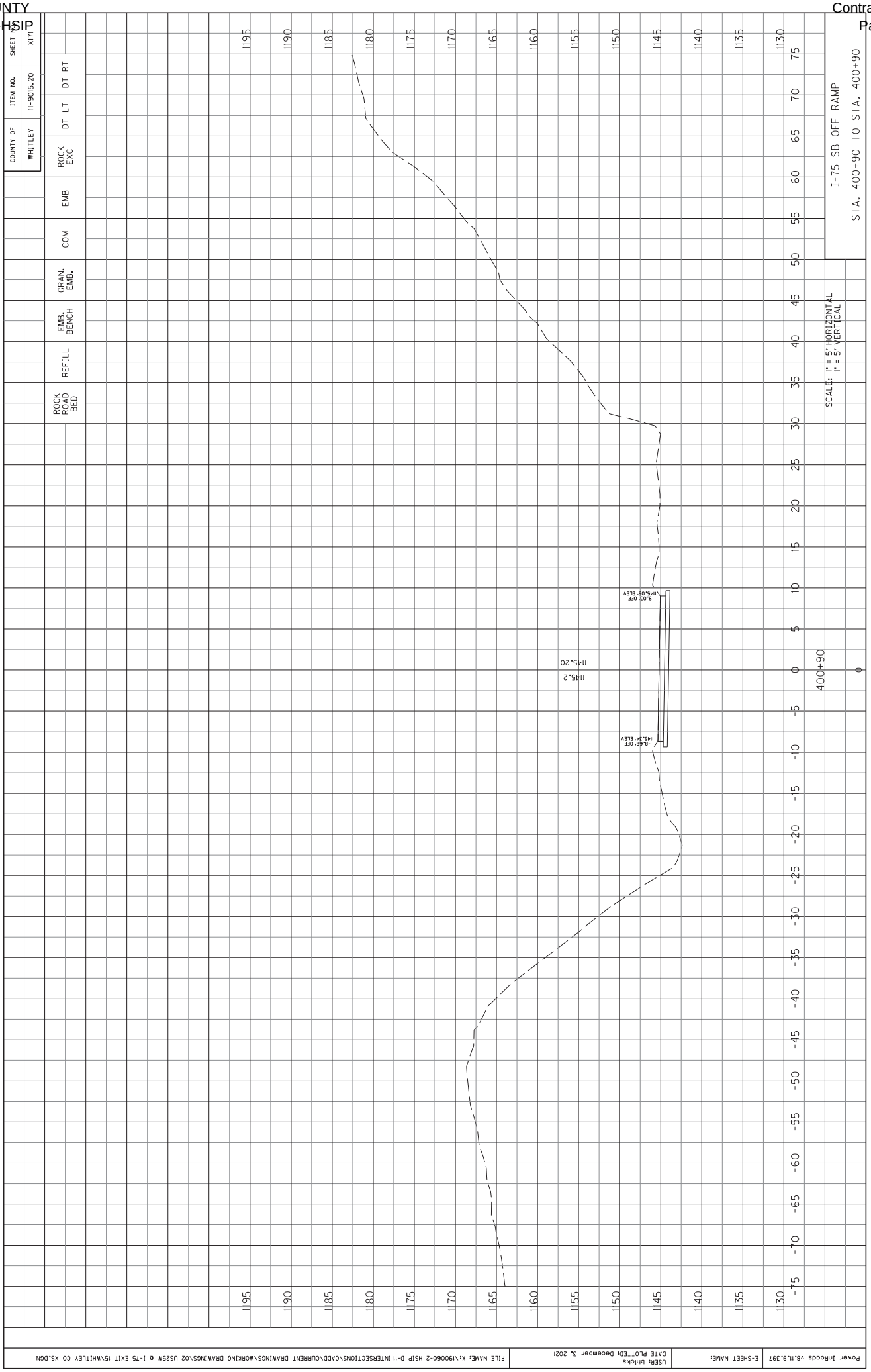

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X167
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 SB OFF RAMP
STA. 400+50 TO STA. 400+50
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1143.6
400+50
0
1195
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
Power InRoads V8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

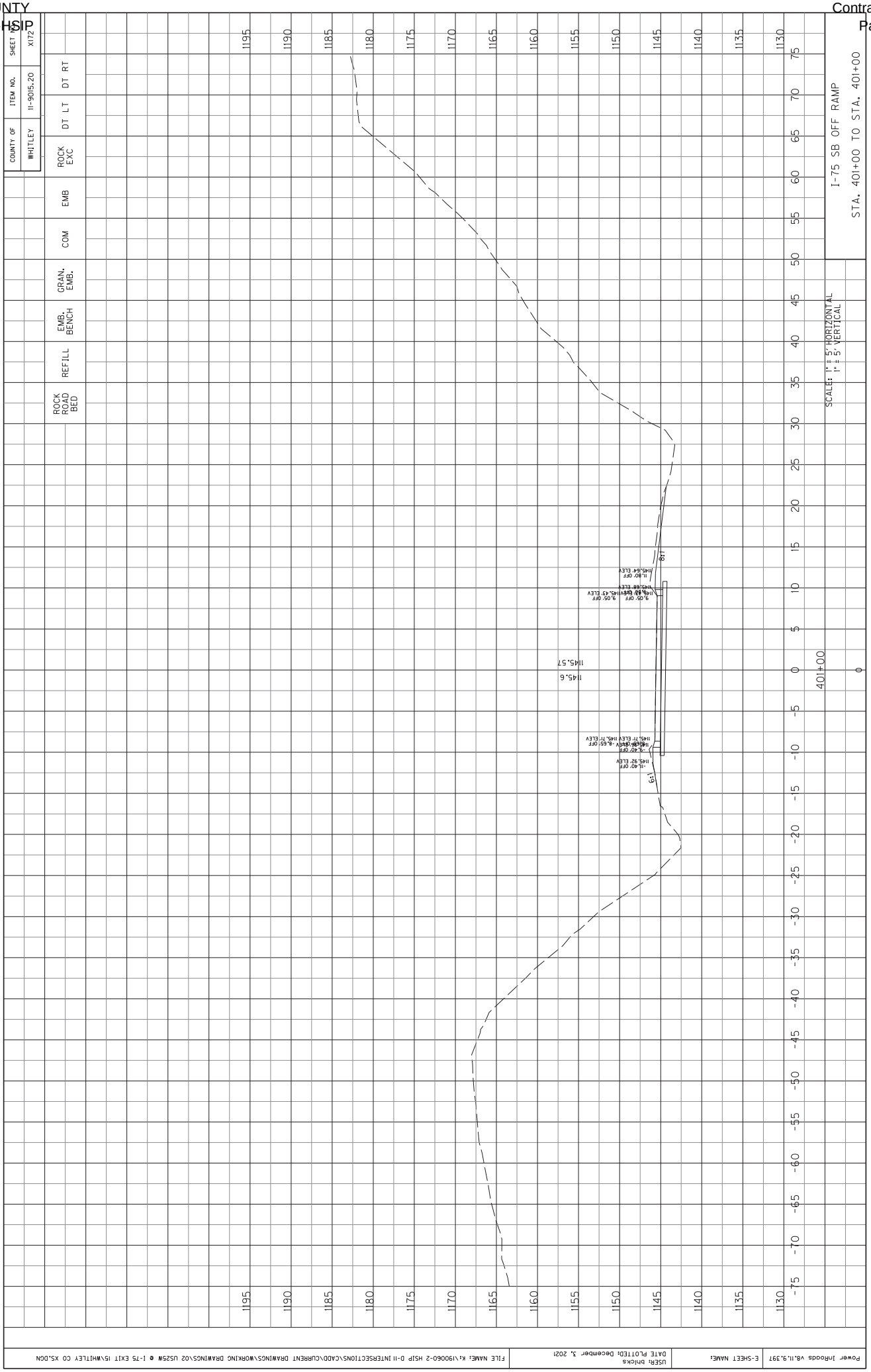

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X168
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 SB OFF RAMP
STA. 400+60 TO STA. 400+60
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1144.02
1144.0
400+60
0
1195
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75

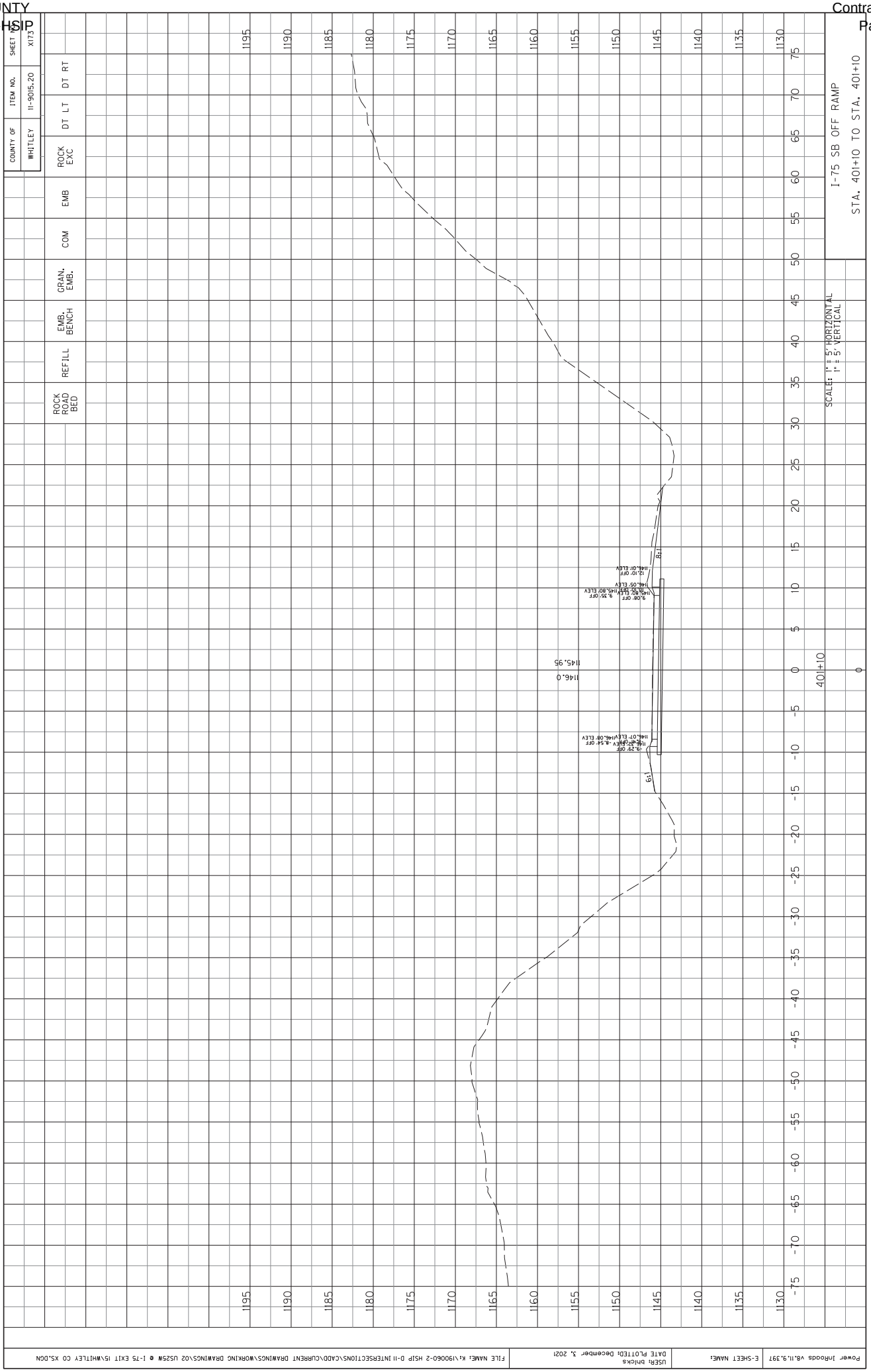


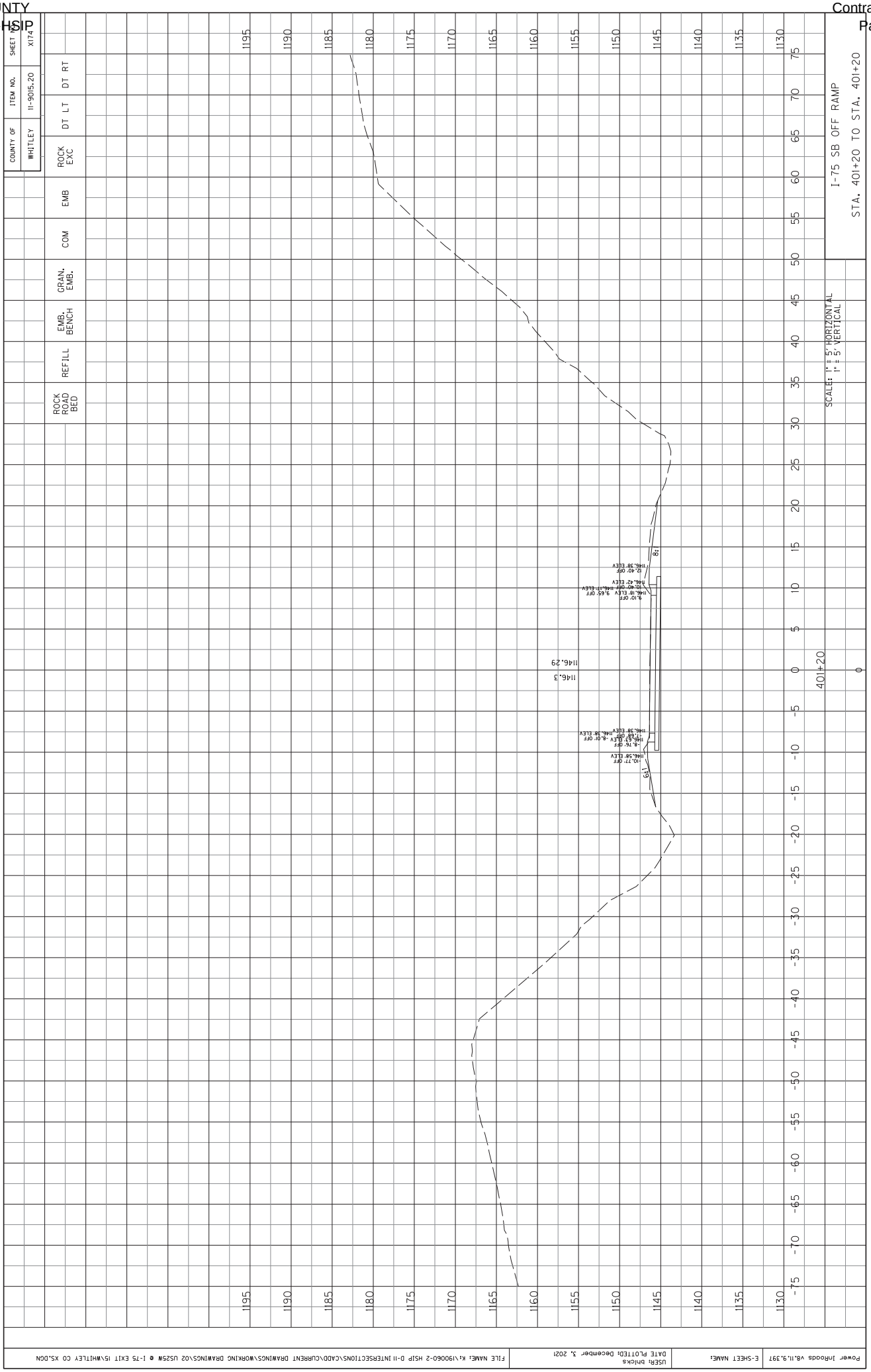
Power InRoads v8.11.9.397 | E-SHEET NAME: | USER: bhicks DATE PLOTTED: December 3, 2021 | FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

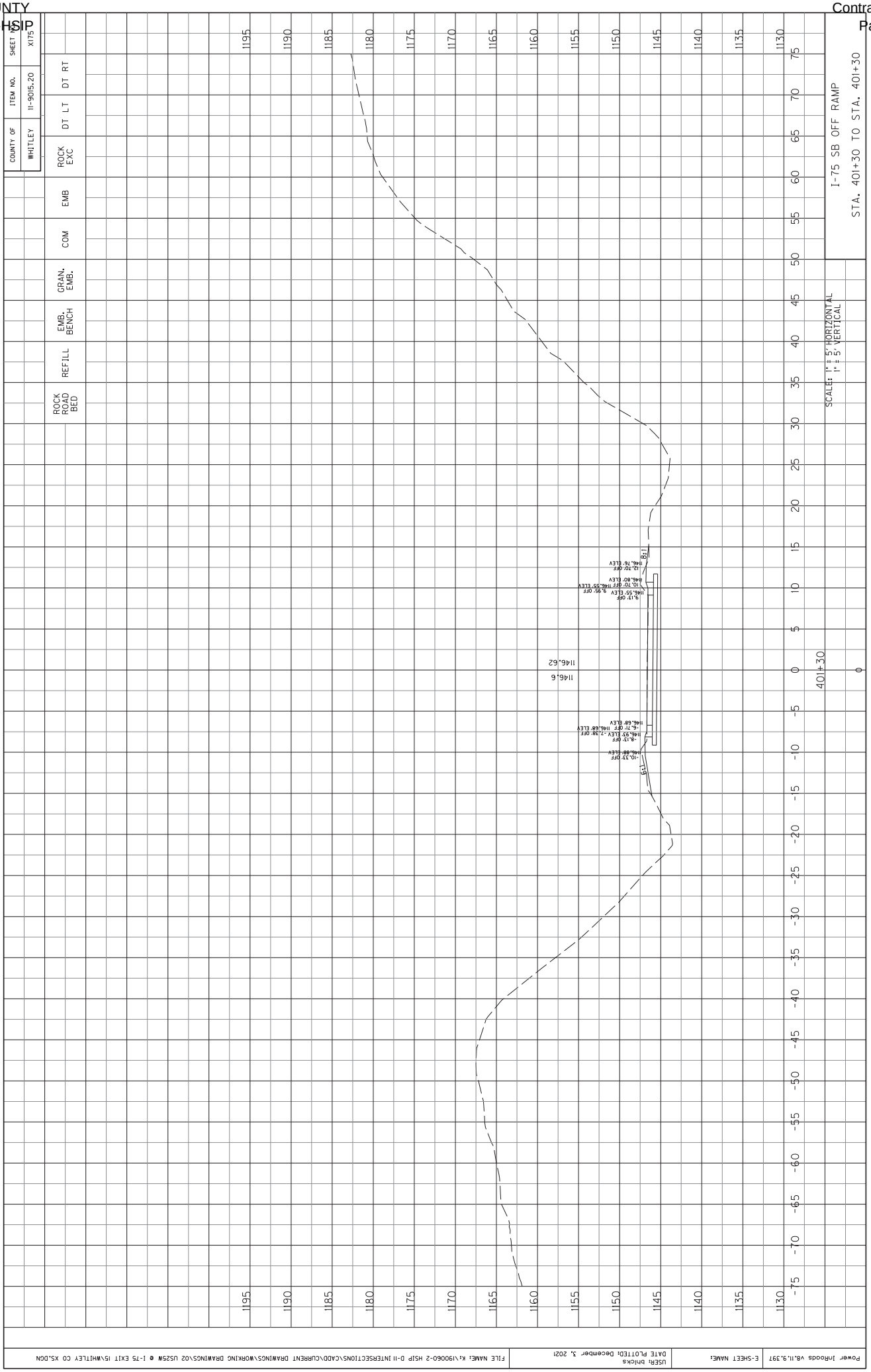

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X170
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 SB OFF RAMP
STA. 400+80 TO STA. 400+80
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1195
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
400+80
0
1144.8
1144.82
9.00' OFF
1144.66' ELEV
-8.67' OFF
1144.98' ELEV
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

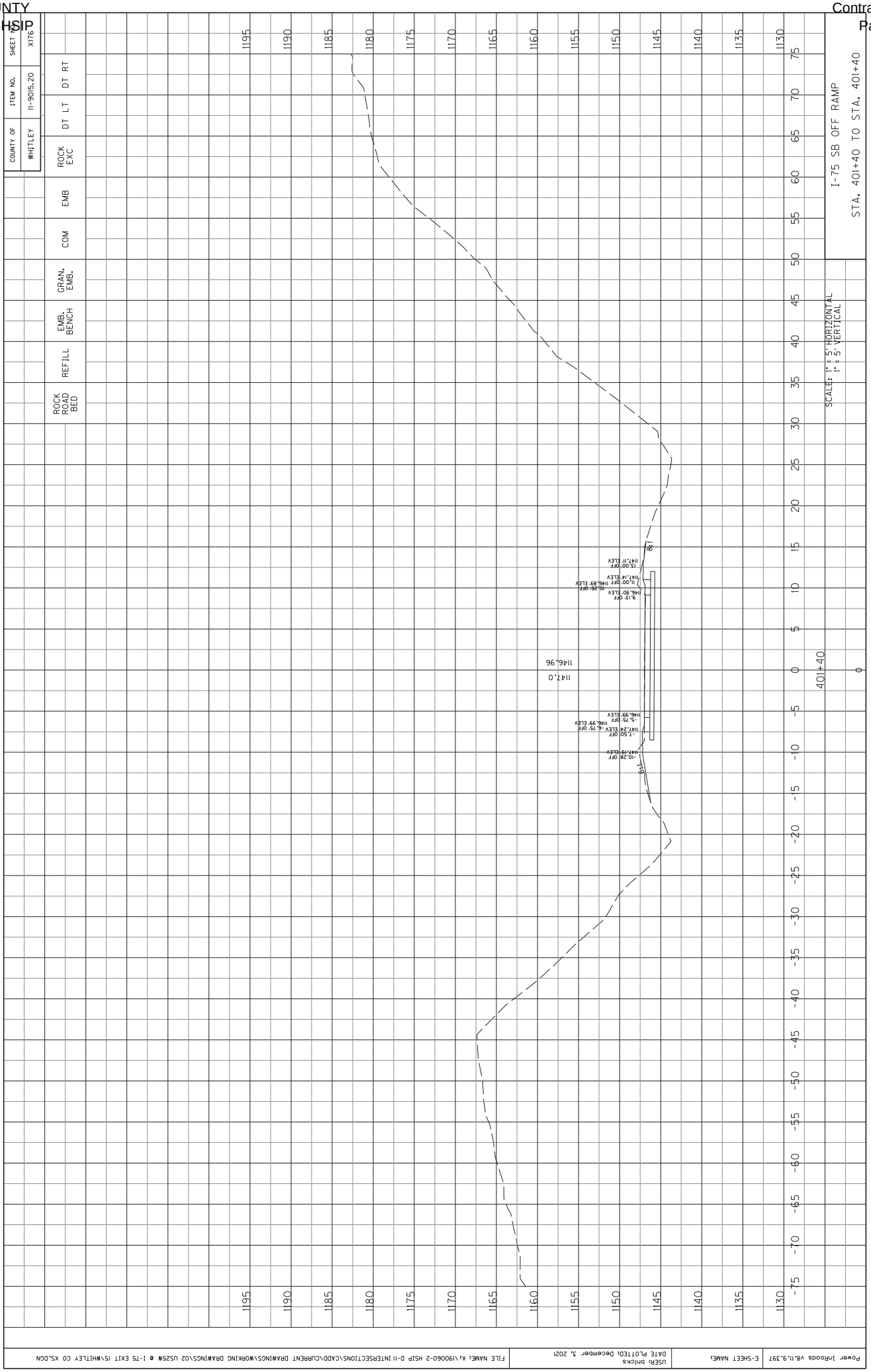

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X171
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 SB OFF RAMP
STA. 400+90 TO STA. 400+90
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1195
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
400+90
0
1145.2
1145.20
8.03' OFF
1145.03' ELEV
-8.66' OFF
1145.34' ELEV
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN


COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X172
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 SB OFF RAMP
STA. 401+00 TO STA. 401+00
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
401+00
1145.6
1145.57
8:1
1:9
9.05' OFF
11.80' OFF
8.65' OFF
11.40' OFF
1195
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130

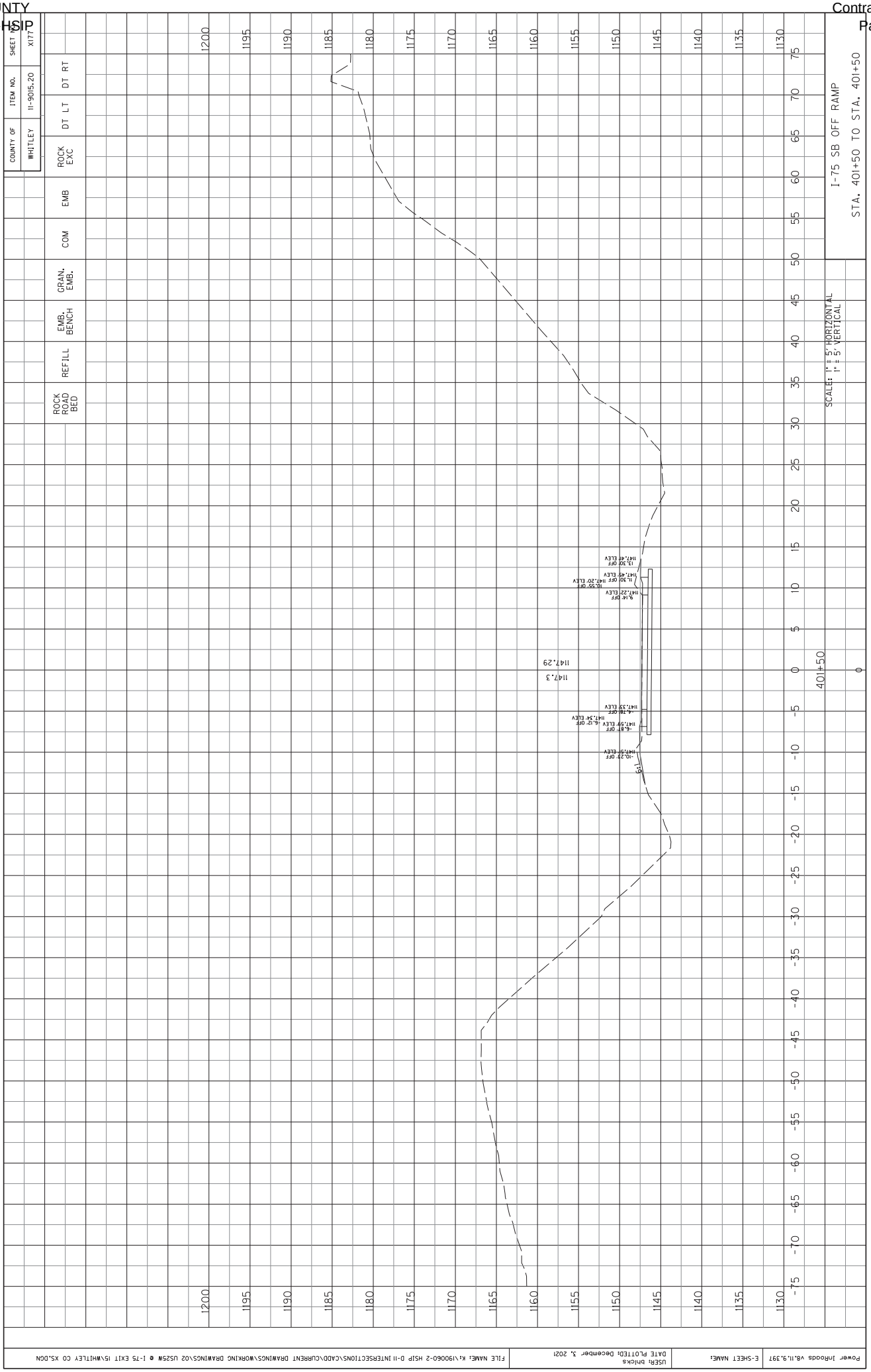

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X173
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 SB OFF RAMP
STA. 401+10 TO STA. 401+10
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
401+10
0
146.0
145.95
8:1
9:1
9.08' OFF
146.80' ELEV
145.80' ELEV
9.35' OFF
146.05' ELEV
12.07' OFF
146.01' ELEV
9.29' OFF
146.32' ELEV
8.54' OFF
146.07' ELEV
146.08' ELEV
1195
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130

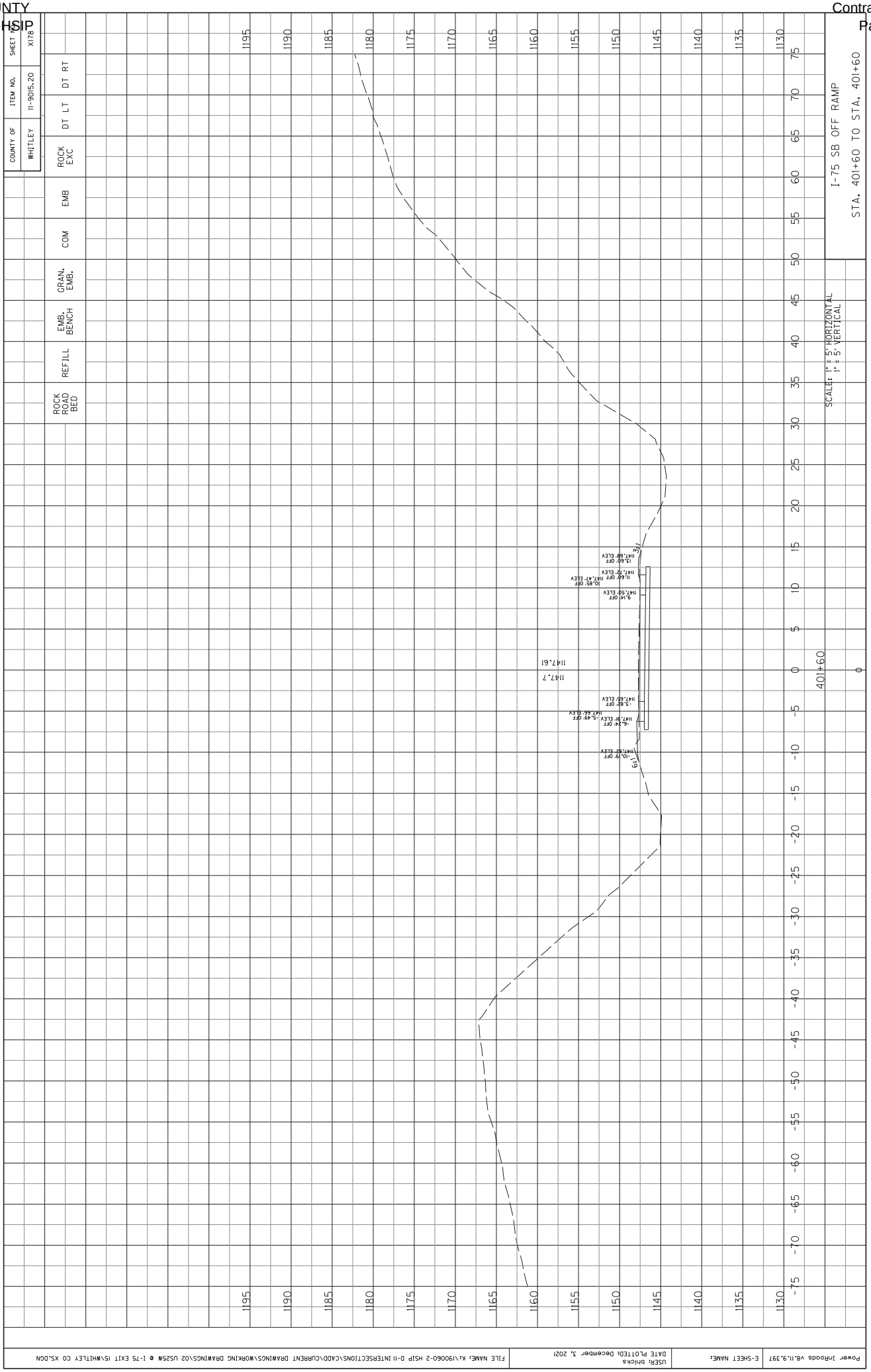

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X174
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 SB OFF RAMP
STA. 401+20 TO STA. 401+20
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1195
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
401+20
0
1146.3
1146.29
9.10' OFF
1146.18' ELEV
9.65' OFF
10.40' OFF
1146.47' ELEV
12.40' OFF
1146.38' ELEV
-10.77' OFF
1146.58' ELEV
-8.76' OFF
1146.63' ELEV
-7.68' OFF
1146.38' ELEV
-8.01' OFF
1146.38' ELEV
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

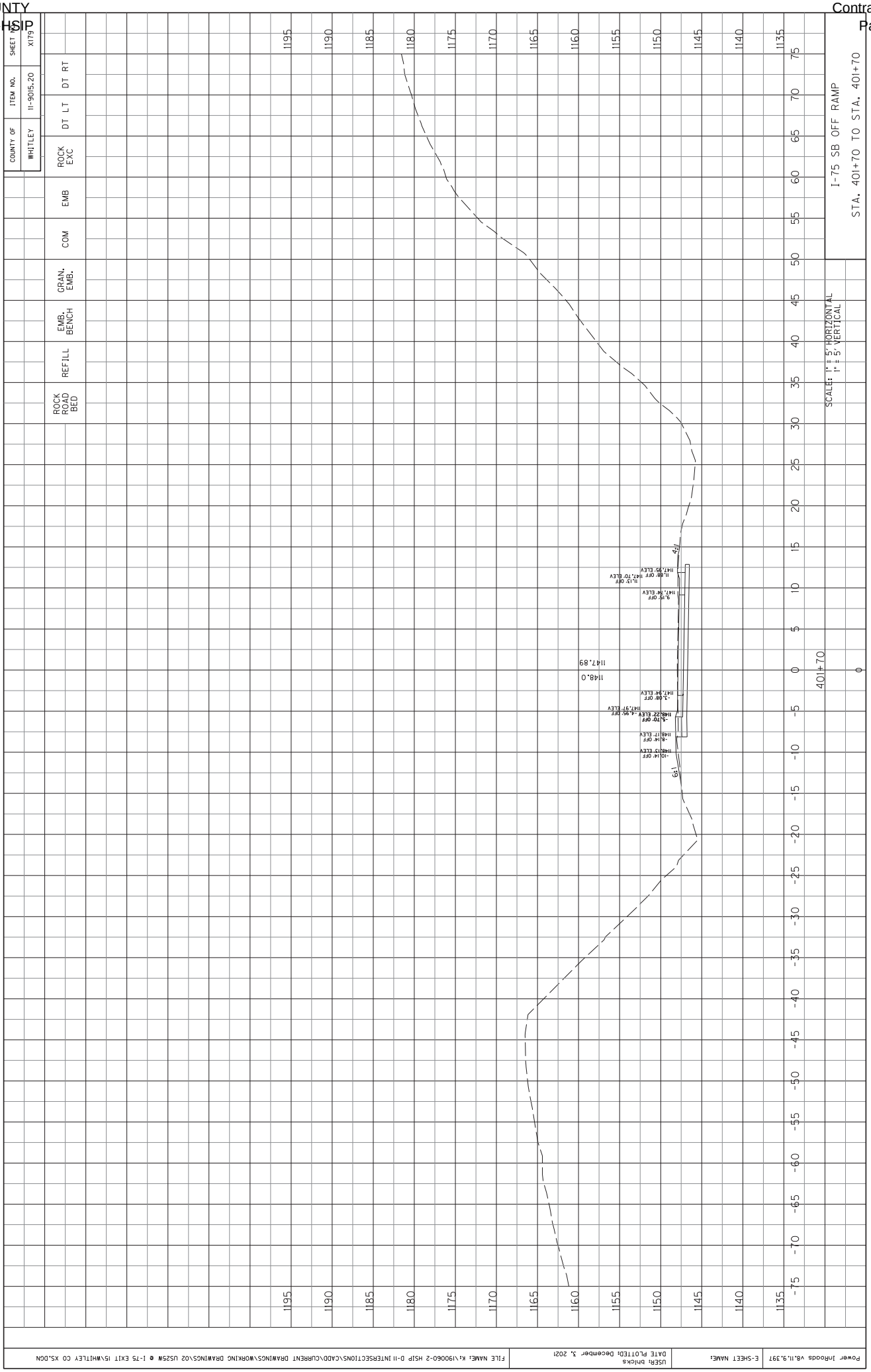

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X175
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 SB OFF RAMP
STA. 401+30 TO STA. 401+30
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1195
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
401+30
0
1146.62
1146.6
1:8
1:9
9.13' OFF
1146.55' ELEV
9.95' OFF
10.70' OFF 1146.55' ELEV
1146.80' ELEV
12.70' OFF
1146.76' ELEV
-10.37' OFF
1146.88' ELEV
-8.13' OFF
1146.93' ELEV -7.98' OFF
-6.71' OFF 1146.68' ELEV
1146.68' ELEV
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

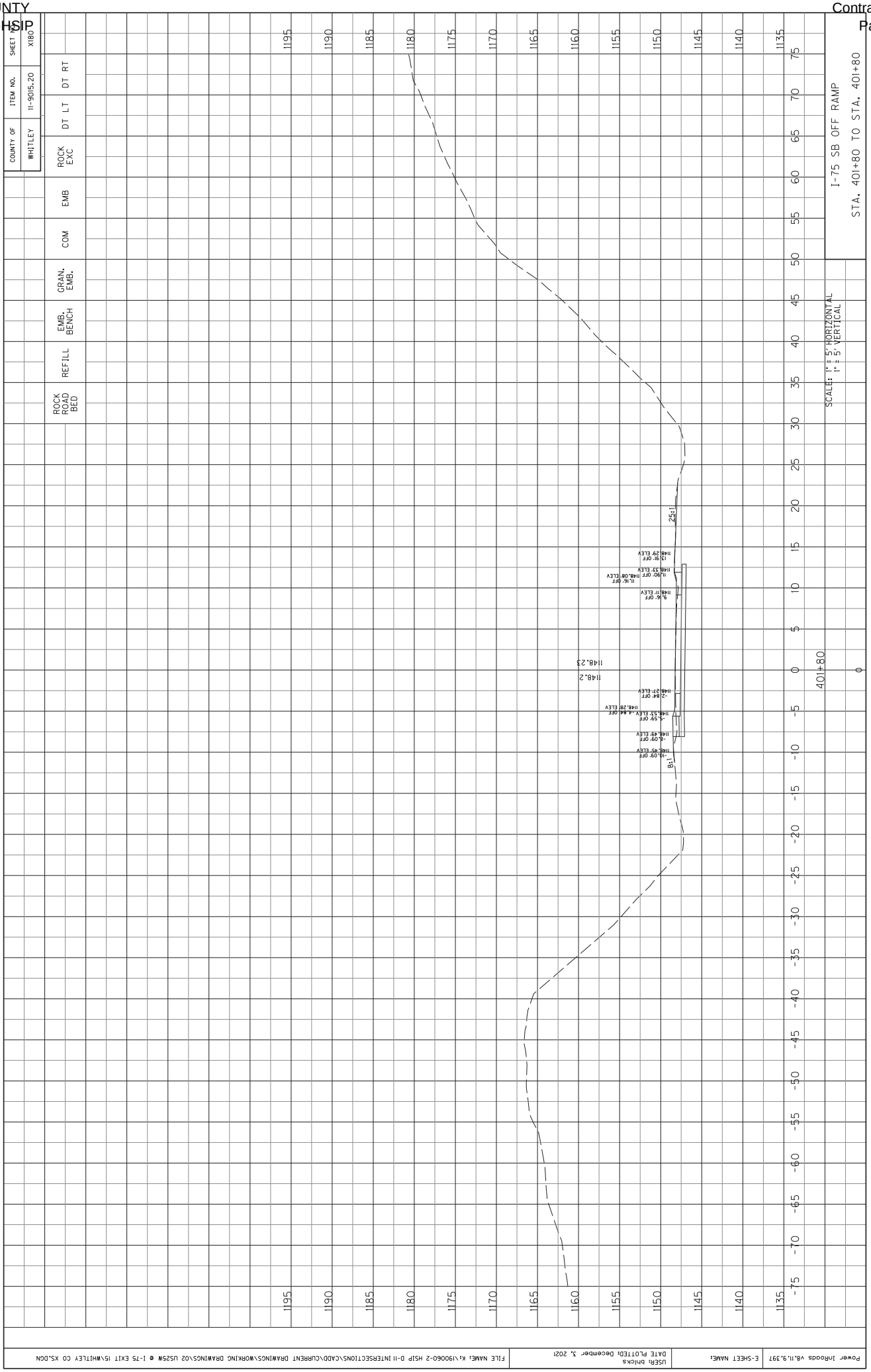


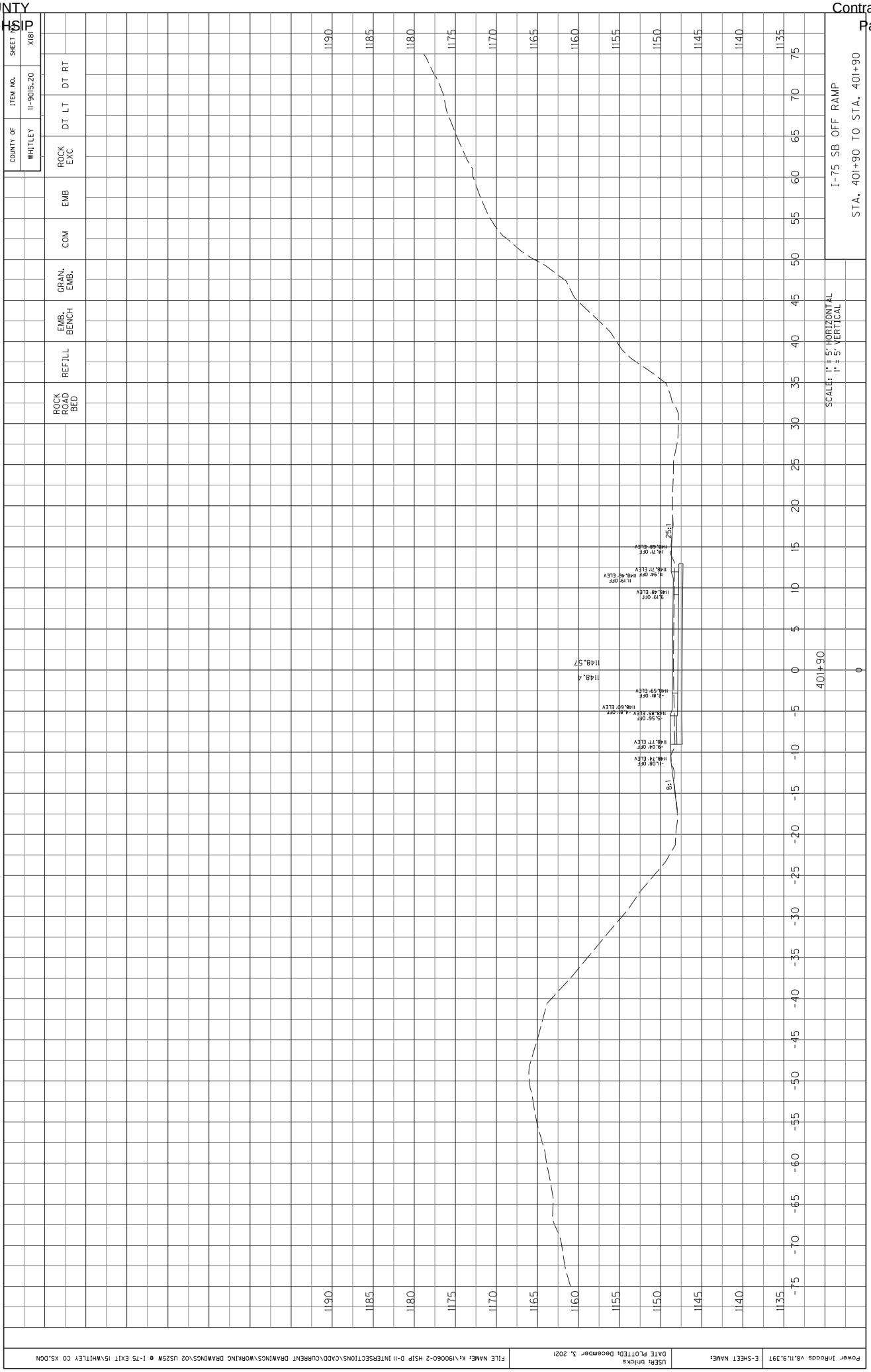
Power InRoads v8.11.9.397 | E-SHEET NAME: | USER: bhicks | DATE PLOTTED: December 3, 2021 | FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

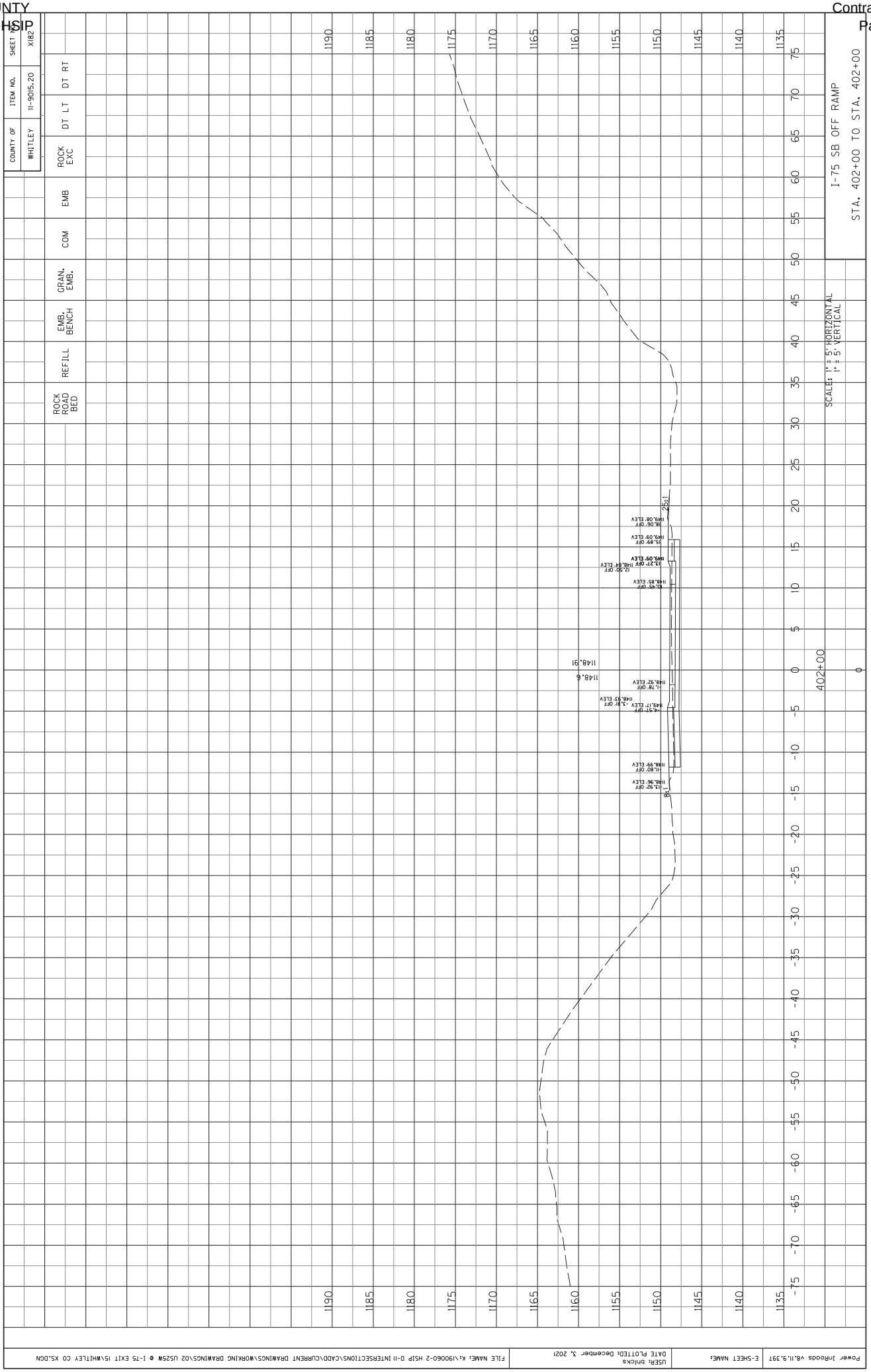

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X177
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 SB OFF RAMP
STA. 401+50 TO STA. 401+50
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1200
1195
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
401+50
0
1147.3
1147.29
1147.22' ELEV
9.14' OFF
1147.30' ELEV
13.30' OFF
1147.49' ELEV
1.30' OFF
1147.20' ELEV
10.55' OFF
1147.40' ELEV
1147.33' ELEV
4.28' OFF
1147.34' ELEV
6.17' OFF
1147.59' ELEV
6.81' OFF
1147.51' ELEV
10.27' OFF
1.19
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

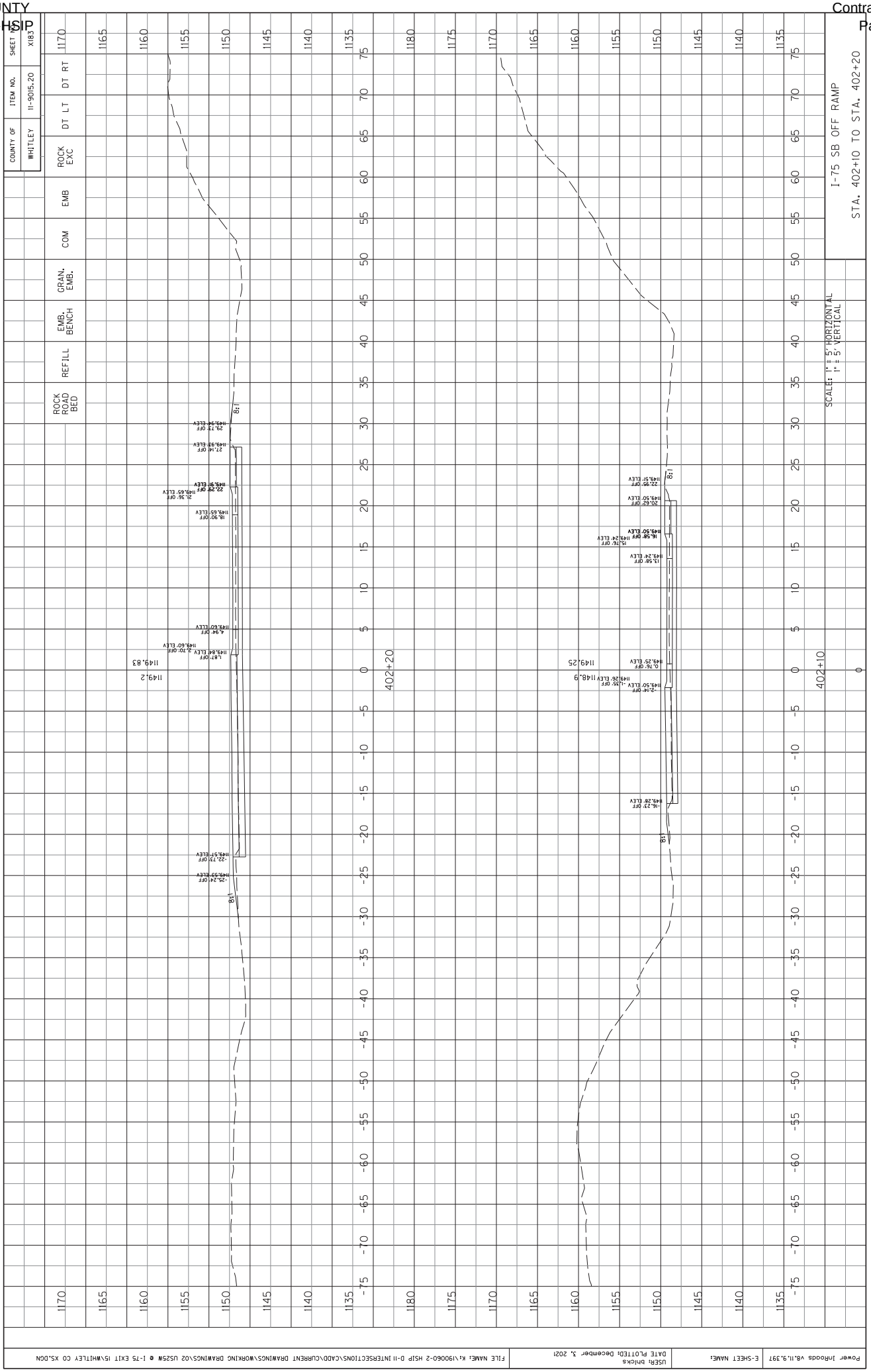

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X178
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 SB OFF RAMP
STA. 401+60 TO STA. 401+60
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
401+60
1147.7
1147.61
1195
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130

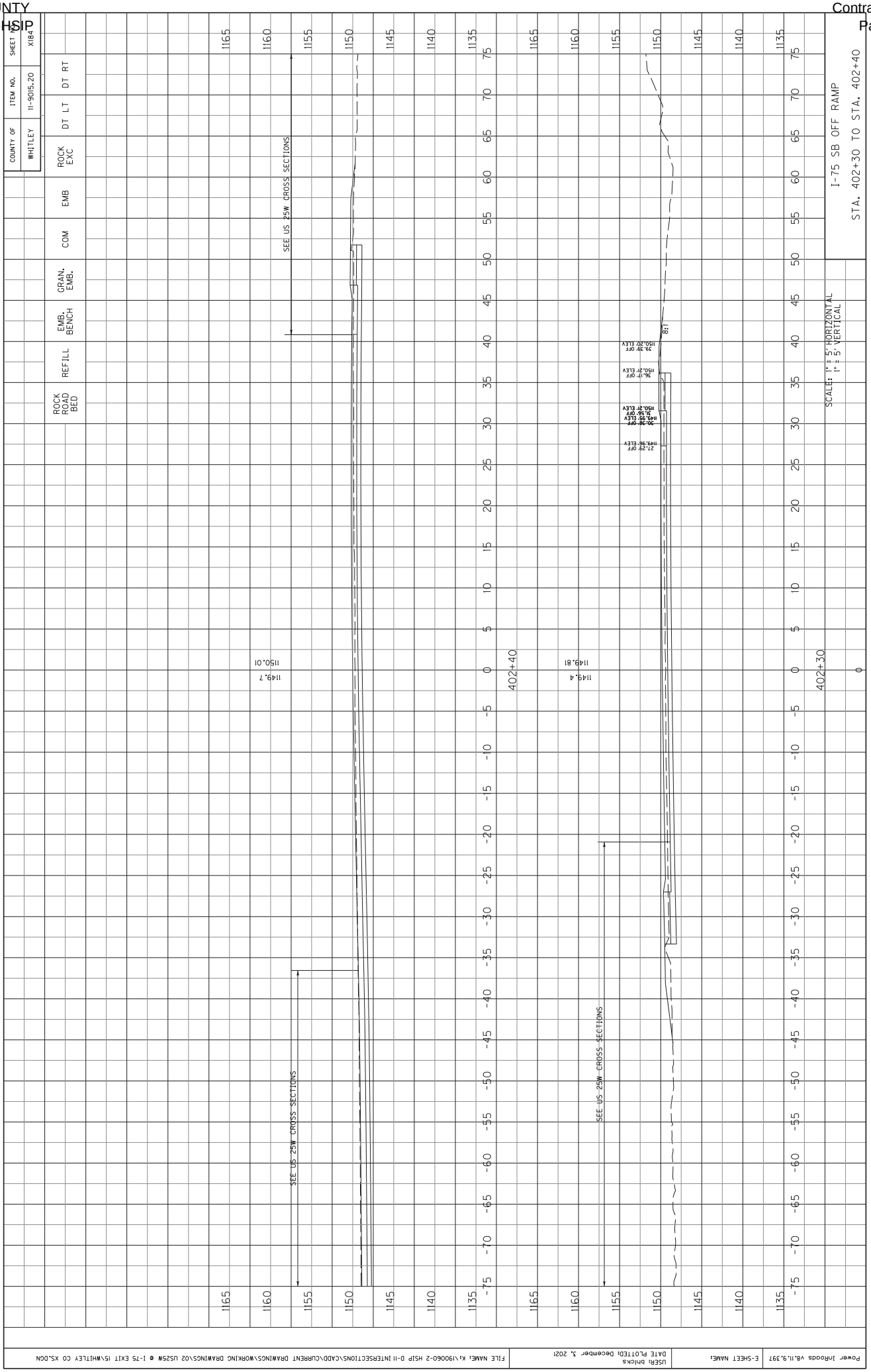

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X179
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 SB OFF RAMP
STA. 401+70 TO STA. 401+70
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1148.0
1147.89
401+70
9.19' OFF
1147.74' ELEV
1.69' OFF
1147.70' ELEV
1147.95' ELEV
-3.08' OFF
1147.94' ELEV
-4.95' OFF
1147.91' ELEV
-5.70' OFF
1148.22' ELEV
-8.14' OFF
1148.17' ELEV
-10.14' OFF
1148.13' ELEV
1195
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135

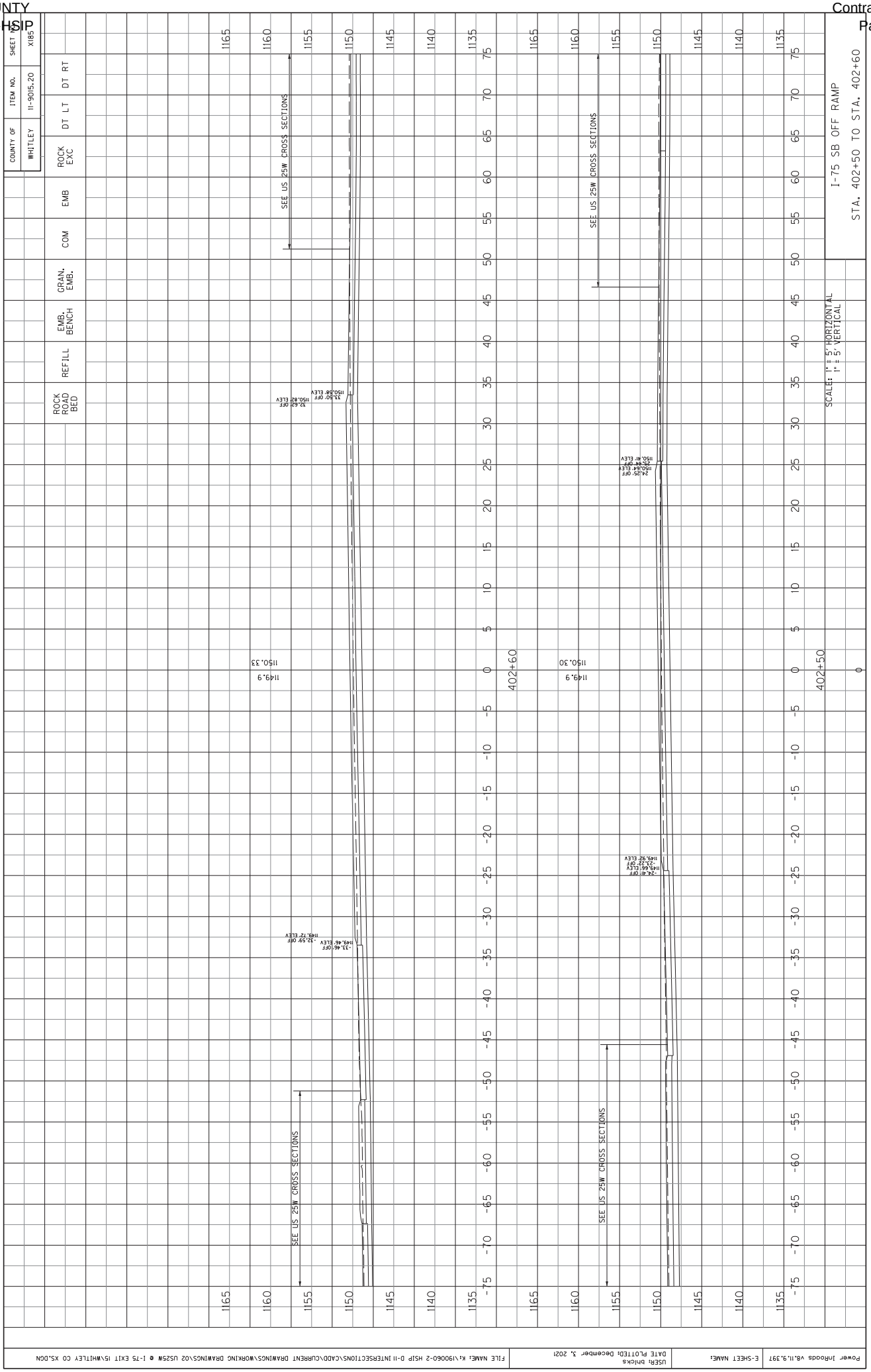

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X180
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 SB OFF RAMP
STA. 401+80 TO STA. 401+80
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
401+80
1148.2
1148.23
25:1
8:1
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

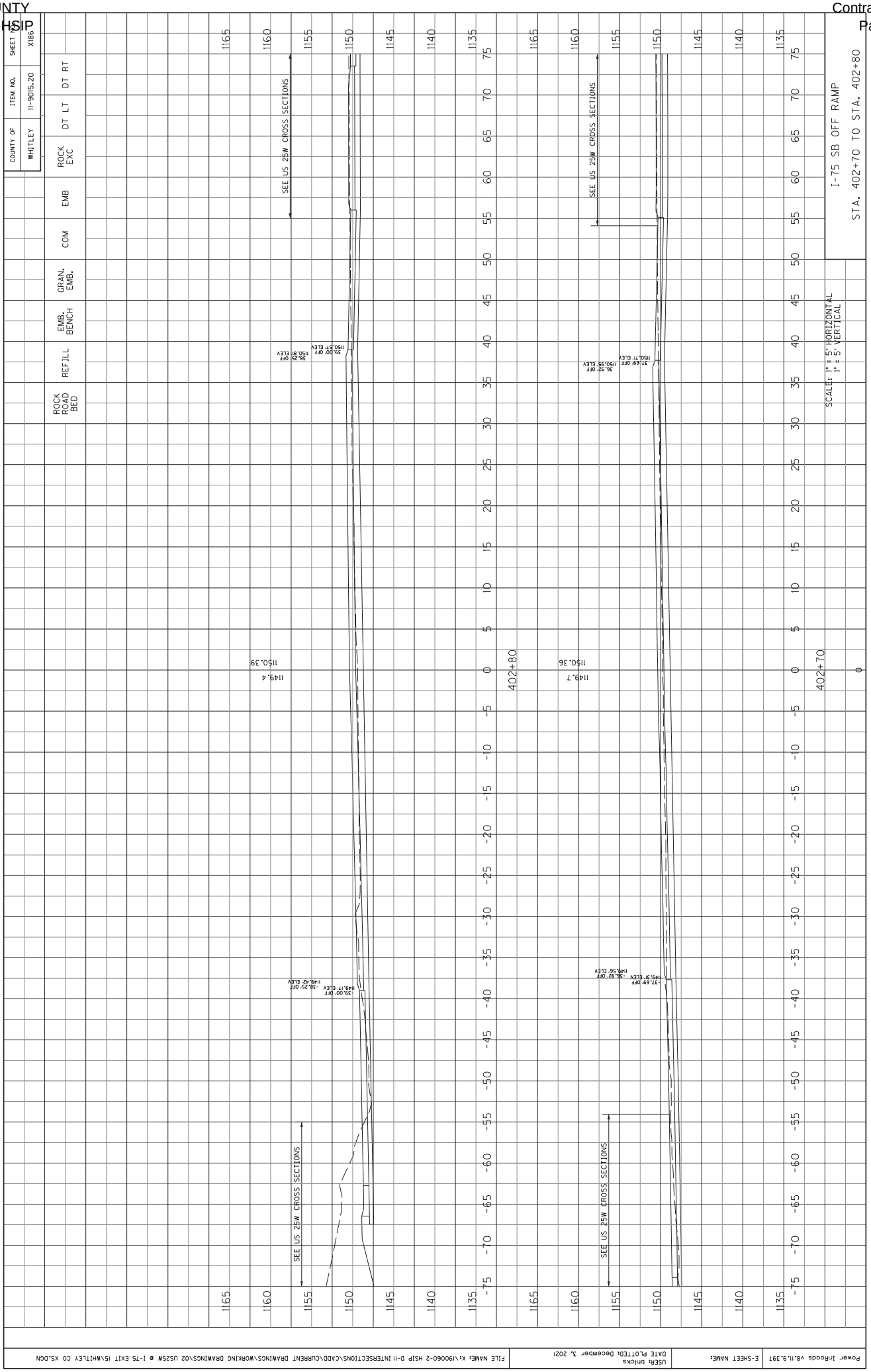

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X181
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 SB OFF RAMP
STA. 401+90 TO STA. 401+90
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
401+90
148.57
148.4
25:1
1:8
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

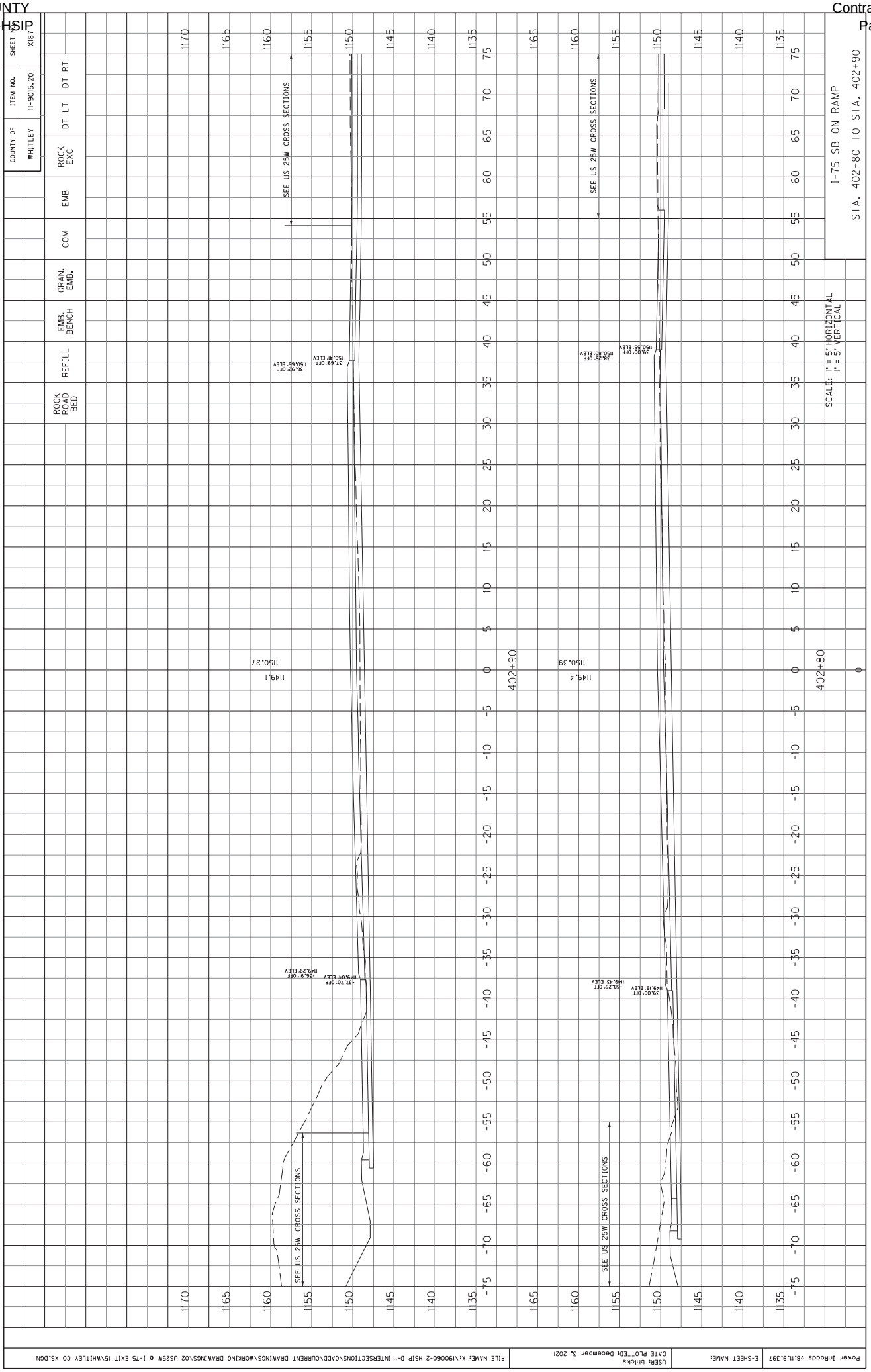

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X182
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 SB OFF RAMP
STA. 402+00 TO STA. 402+00
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1190
1185
1180
1175
1170
1165
1160
1155
1150
1145
1140
1135
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
402+00
0
1148.6
1148.91
1150
1149.08' ELEV
18.06' OFF
1149.09' ELEV
15.89' OFF
1149.09' ELEV
13.27' OFF
1148.84' ELEV
12.50' OFF
1148.85' ELEV
10.45' OFF
1148.92' ELEV
1.78' OFF
1148.93' ELEV
1149.17' ELEV
-3.91' OFF
-4.57' OFF
1148.99' ELEV
-11.80' OFF
1148.96' ELEV
-13.92' OFF
1150
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

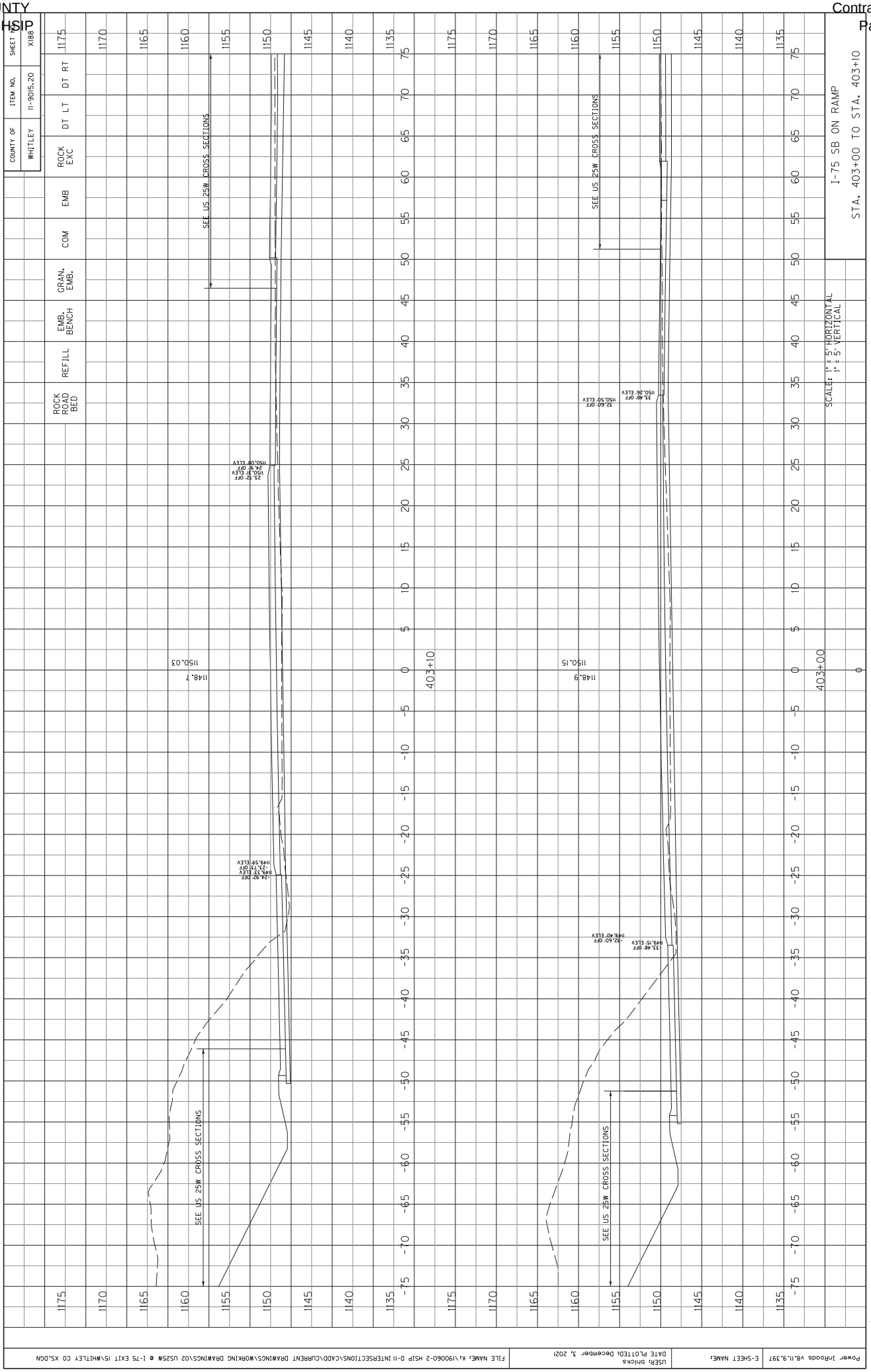

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X183
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 SB OFF RAMP
STA. 402+10 TO STA. 402+20
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
402+20
402+10
8:1
1149.83
1149.2
1149.25
1148.9
Power InRoads v8.11.9.397
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

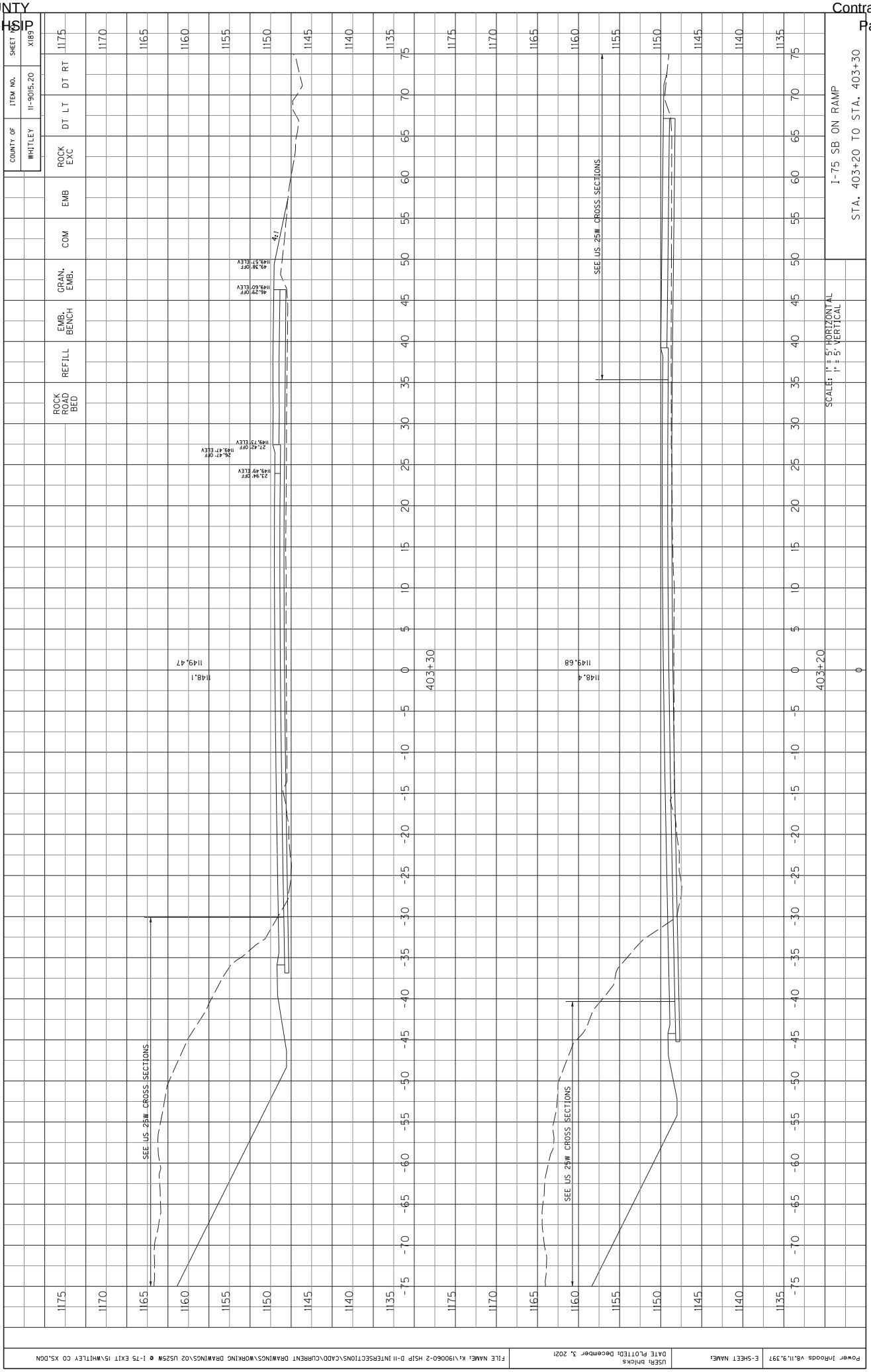

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X184
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 SB OFF RAMP
STA. 402+30 TO STA. 402+40
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
SEE US 25W CROSS SECTIONS
SEE US 25W CROSS SECTIONS
SEE US 25W CROSS SECTIONS
1:8
1:8
1149.7
1150.01
1149.4
1149.81
402+40
402+30
27.29' OFF
1149.96' ELEV
36.36' OFF
1149.95' ELEV
36.36' OFF
1149.95' ELEV
34.17' OFF
1150.27' ELEV
33.39' OFF
1150.20' ELEV
Power InRoads V8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN


COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X185
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 SB OFF RAMP
STA. 402+50 TO STA. 402+60
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
SEE US 25W CROSS SECTIONS
SEE US 25W CROSS SECTIONS
SEE US 25W CROSS SECTIONS
SEE US 25W CROSS SECTIONS
1149.9
1150.33
1149.9
1150.30
402+60
402+50
33.60' OFF
1150.82' ELEV
1150.58' ELEV
-33.46' OFF
1149.46' ELEV
-32.59' OFF
1149.72' ELEV
24.25' OFF
1150.64' ELEV
-24.44' OFF
1150.41' ELEV
-24.41' OFF
1149.66' ELEV
-23.52' OFF
1149.92' ELEV
Power InRoads v8.11.9.397
USER: bhicks
DATE PLOTTED: December 3, 2021
E-SHEET NAME:
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

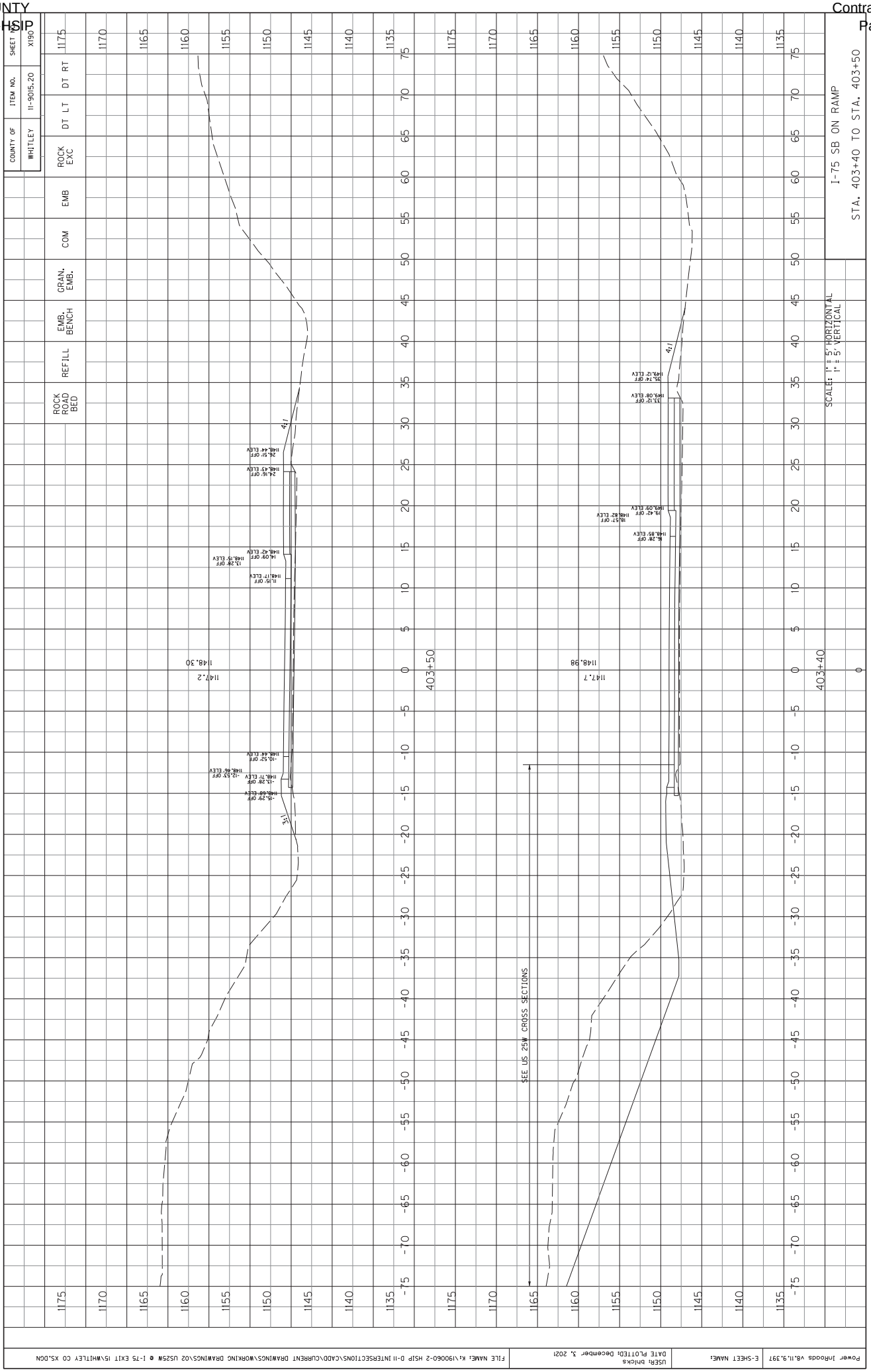

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X186
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 SB OFF RAMP
STA. 402+70 TO STA. 402+80
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
SEE US 25W CROSS SECTIONS
1149.4
1150.39
1149.7
1150.36
402+80
402+70
Power InRoads v8.11.9.397
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

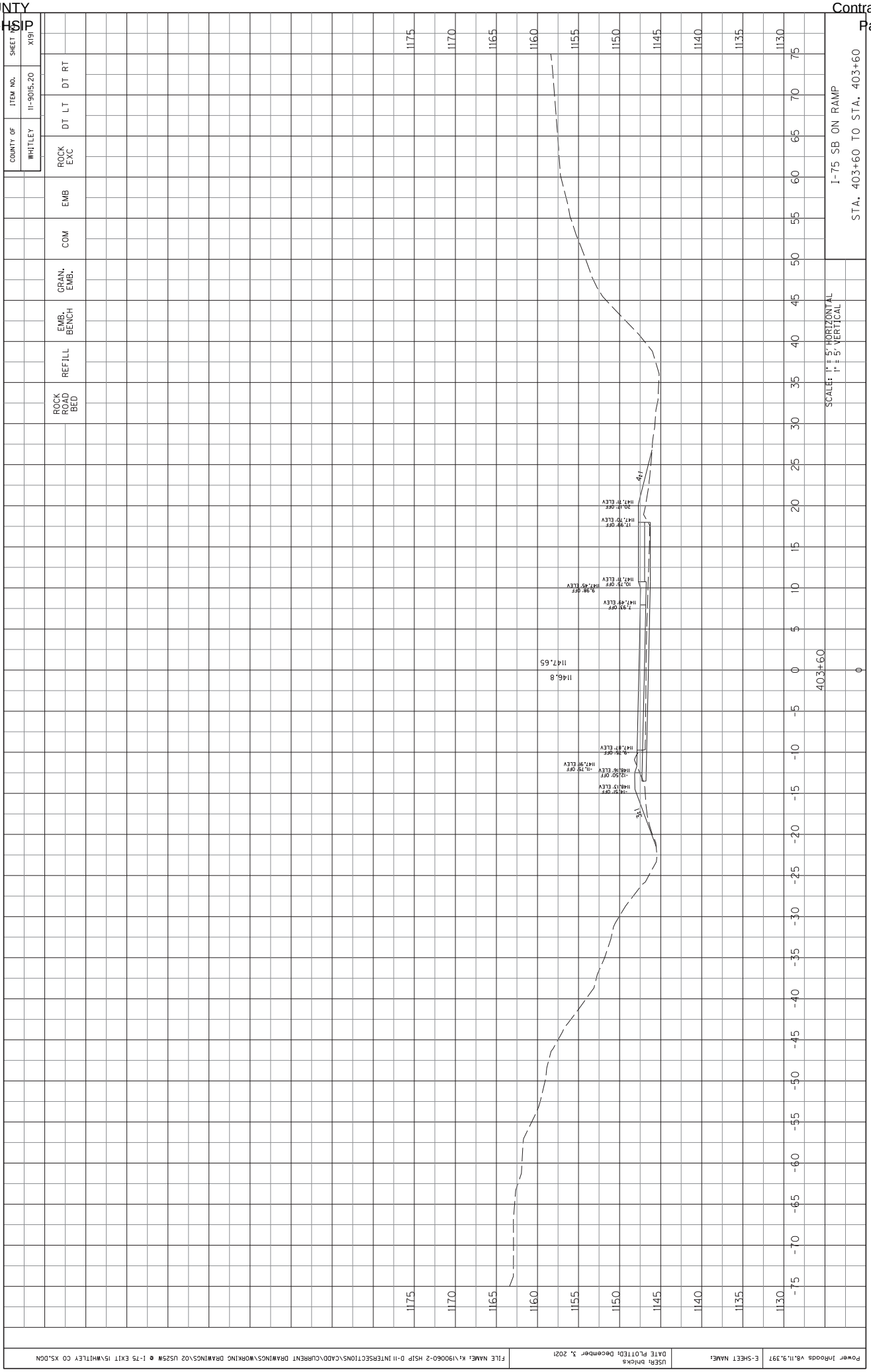

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X187
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 SB ON RAMP
STA. 402+80 TO STA. 402+90
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
SEE US 25W CROSS SECTIONS
SEE US 25W CROSS SECTIONS
SEE US 25W CROSS SECTIONS
SEE US 25W CROSS SECTIONS
402+80
402+90
1149.4
1150.39
1149.1
1150.27
39.00' OFF
1150.55' ELEV
38.25' OFF
1150.80' ELEV
37.69' OFF
1150.91' ELEV
36.91' OFF
1150.66' ELEV
-39.00' OFF
1149.19' ELEV
-38.25' OFF
1149.43' ELEV
-37.70' OFF
1149.04' ELEV
-36.91' OFF
1149.29' ELEV

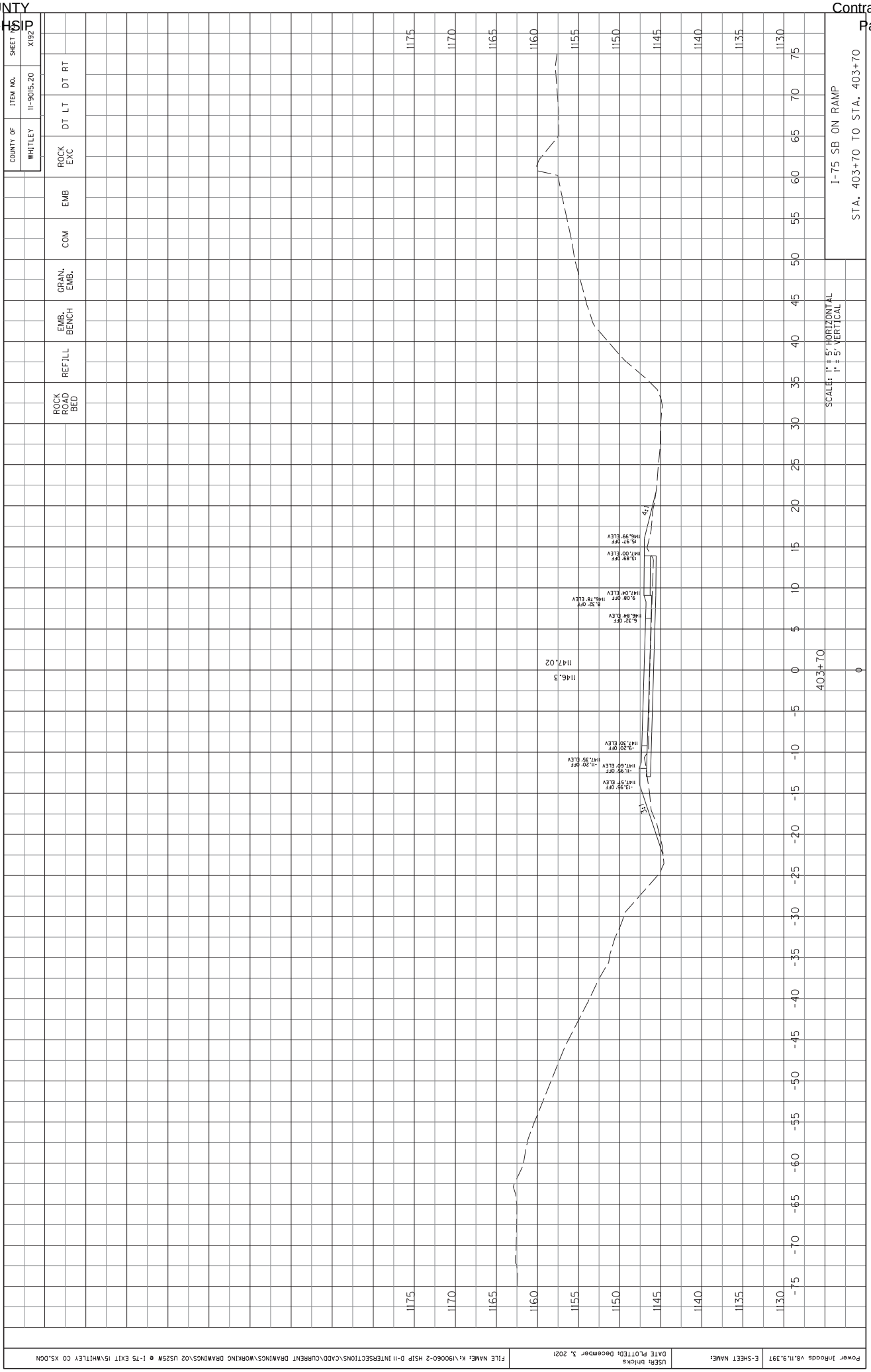

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X188
ROCK EXC
DT LT
DT RT
COM
EMB
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 SB ON RAMP
STA. 403+00 TO STA. 403+10
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
SEE US 25W CROSS SECTIONS
403+10
403+00
1148.7
1150.03
1148.9
1150.15
Power InRoads v8.11.9.397
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

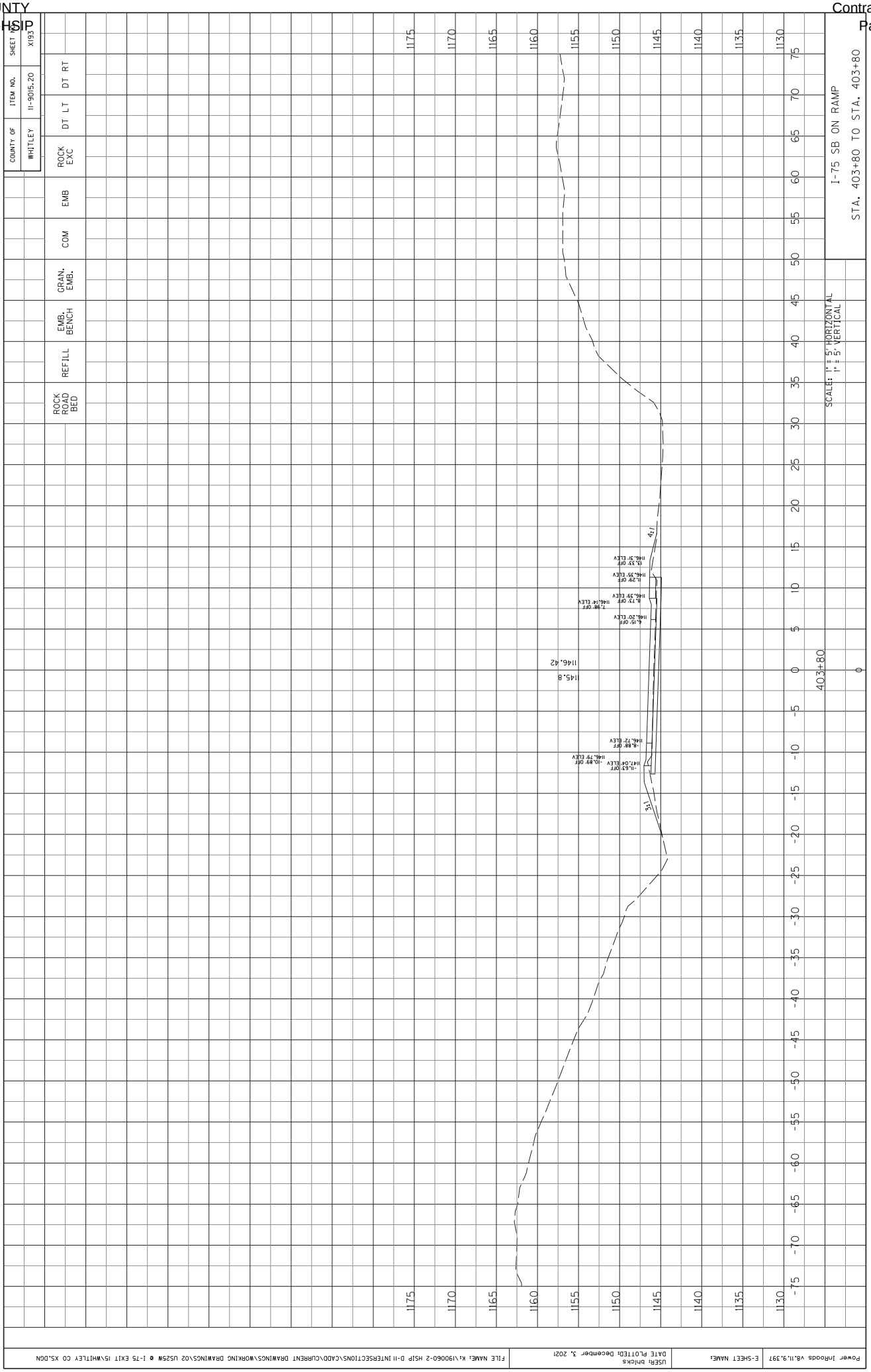


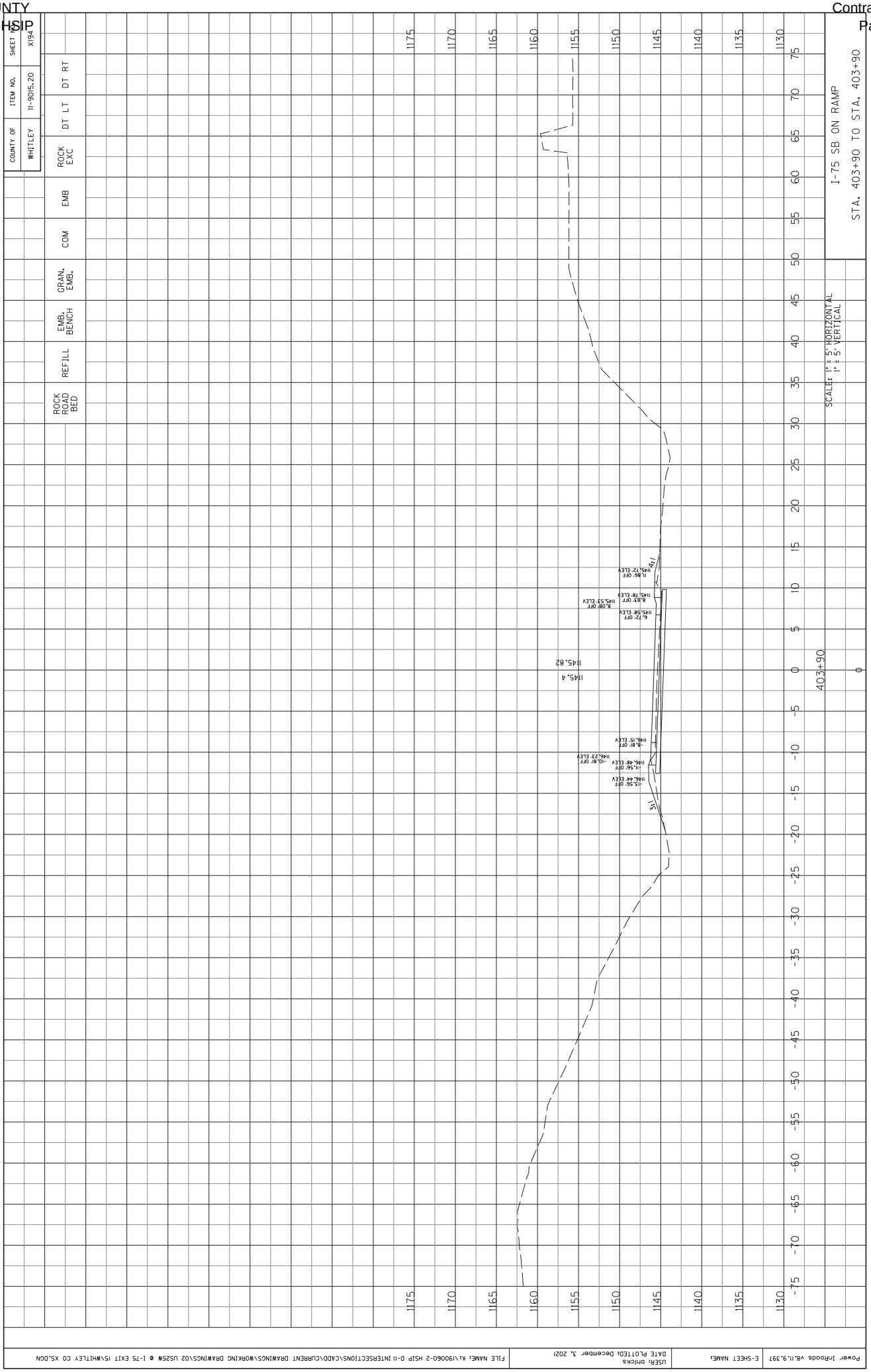
Power Inroads v8.11.9.397 | E-SHEET NAME: | USER: bhicks DATE PLOTTED: December 3, 2021 | FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN


COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X190
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 SB ON RAMP
STA. 403+40 TO STA. 403+50
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
4:1
5:1
SEE US 25W CROSS SECTIONS
403+50
403+40
1148.30
1147.2
1148.38
1147.7
Power InRoads V8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

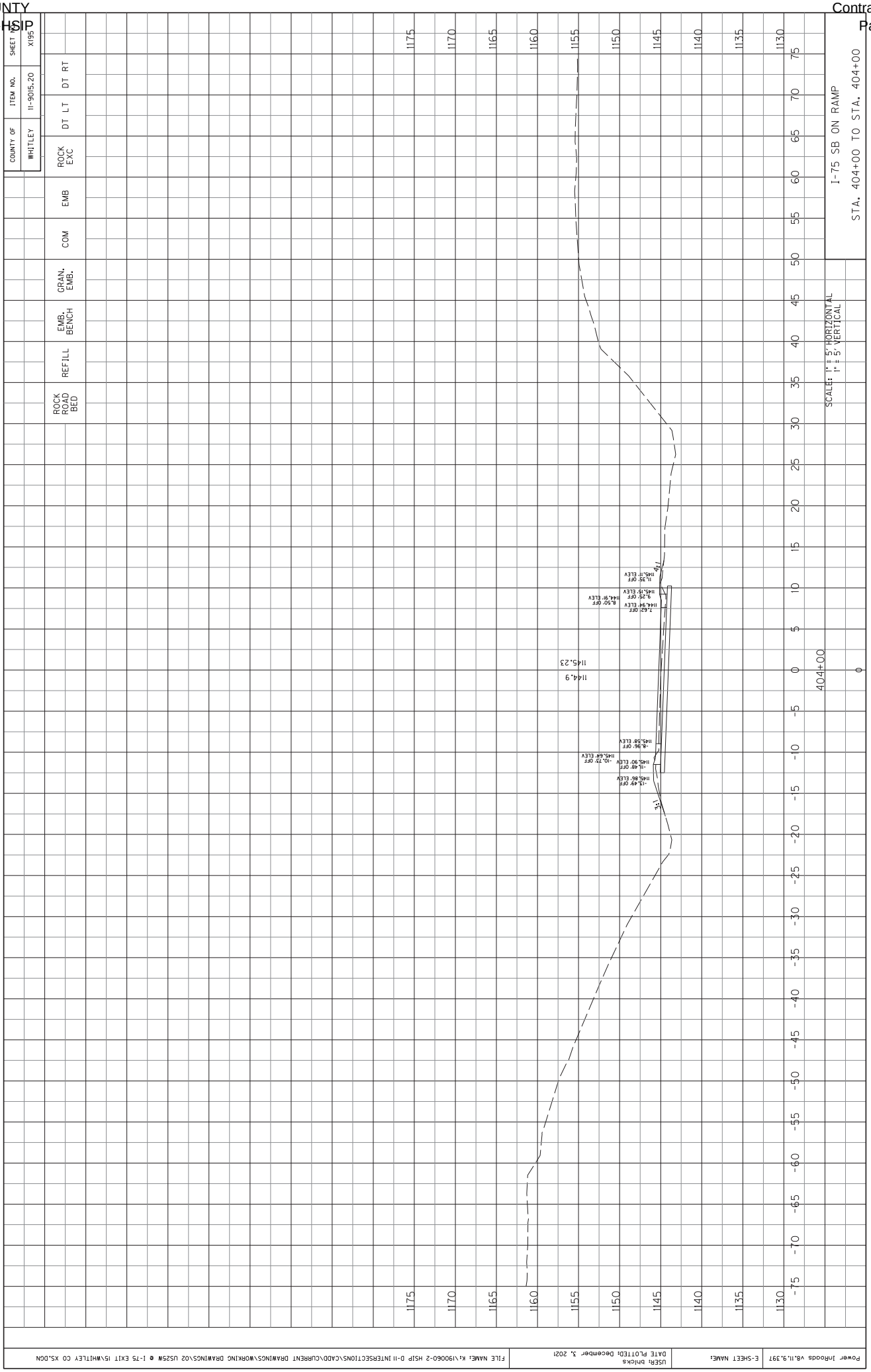

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X191
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 SB ON RAMP
STA. 403+60 TO STA. 403+60
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
403+60
0
1147.65
1146.8
4:1
4:1
Power InRoads v8.11.9.397
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN


COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X192
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 SB ON RAMP
STA. 403+70 TO STA. 403+70
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
403+70
147.02
146.3
4:1
3:1
146.99' ELEV
15.97' OFF
147.00' ELEV
13.89' OFF
147.04' ELEV
9.08' OFF
146.78' ELEV
8.32' OFF
146.84' ELEV
6.32' OFF
147.30' ELEV
9.20' OFF
147.35' ELEV
11.20' OFF
147.69' ELEV
11.97' OFF
147.57' ELEV
13.97' OFF
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

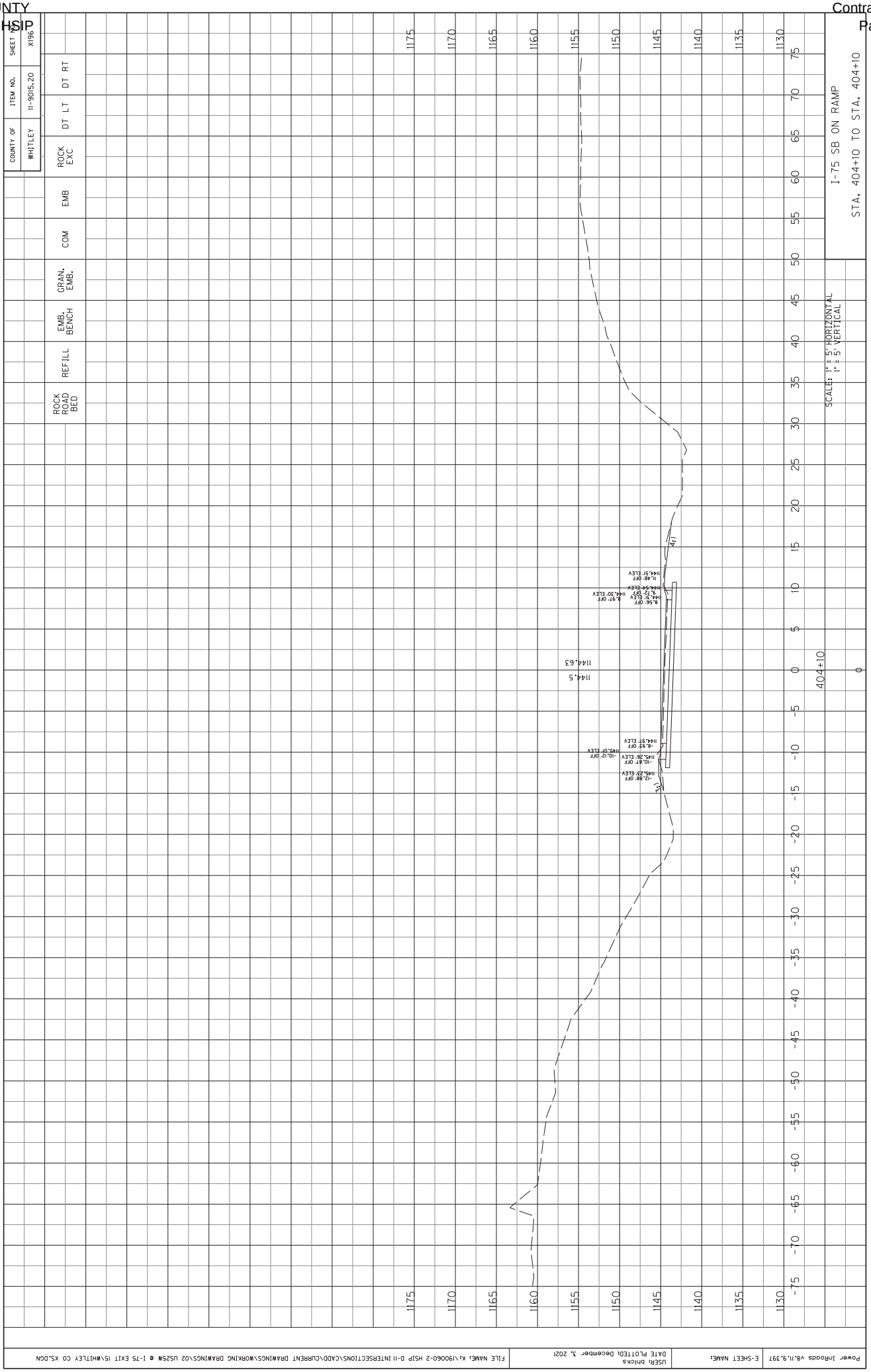

COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X193
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 SB ON RAMP
STA. 403+80 TO STA. 403+80
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
403+80
0
4:1
3:1
146.42
145.8
1175
1170
1165
1160
1155
1150
1145
1140
1135
1130
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75



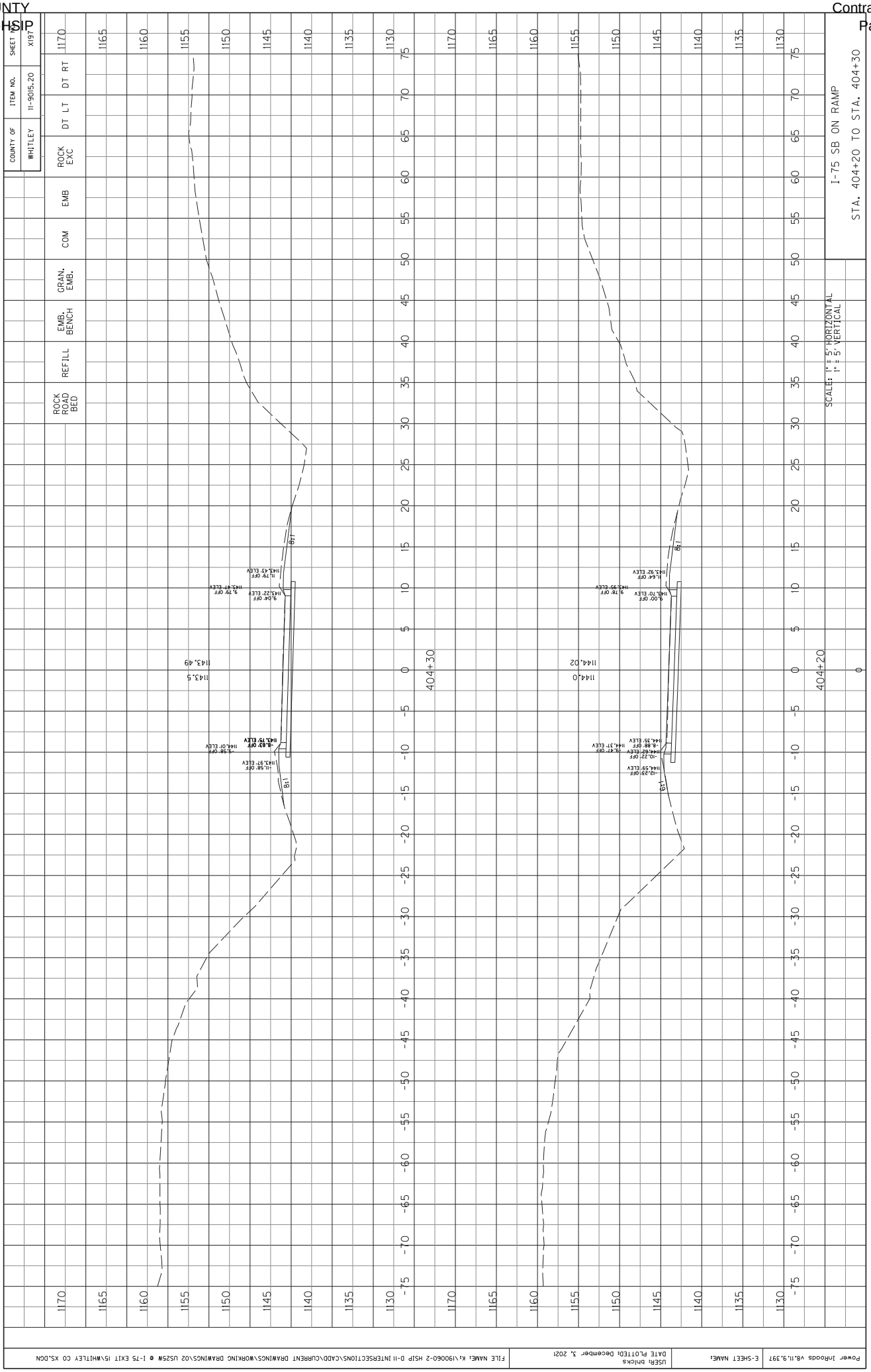
Power InRoads v8.11.9.397 | E-SHEET NAME: | USER: bhicks DATE PLOTTED: December 3, 2021 | FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

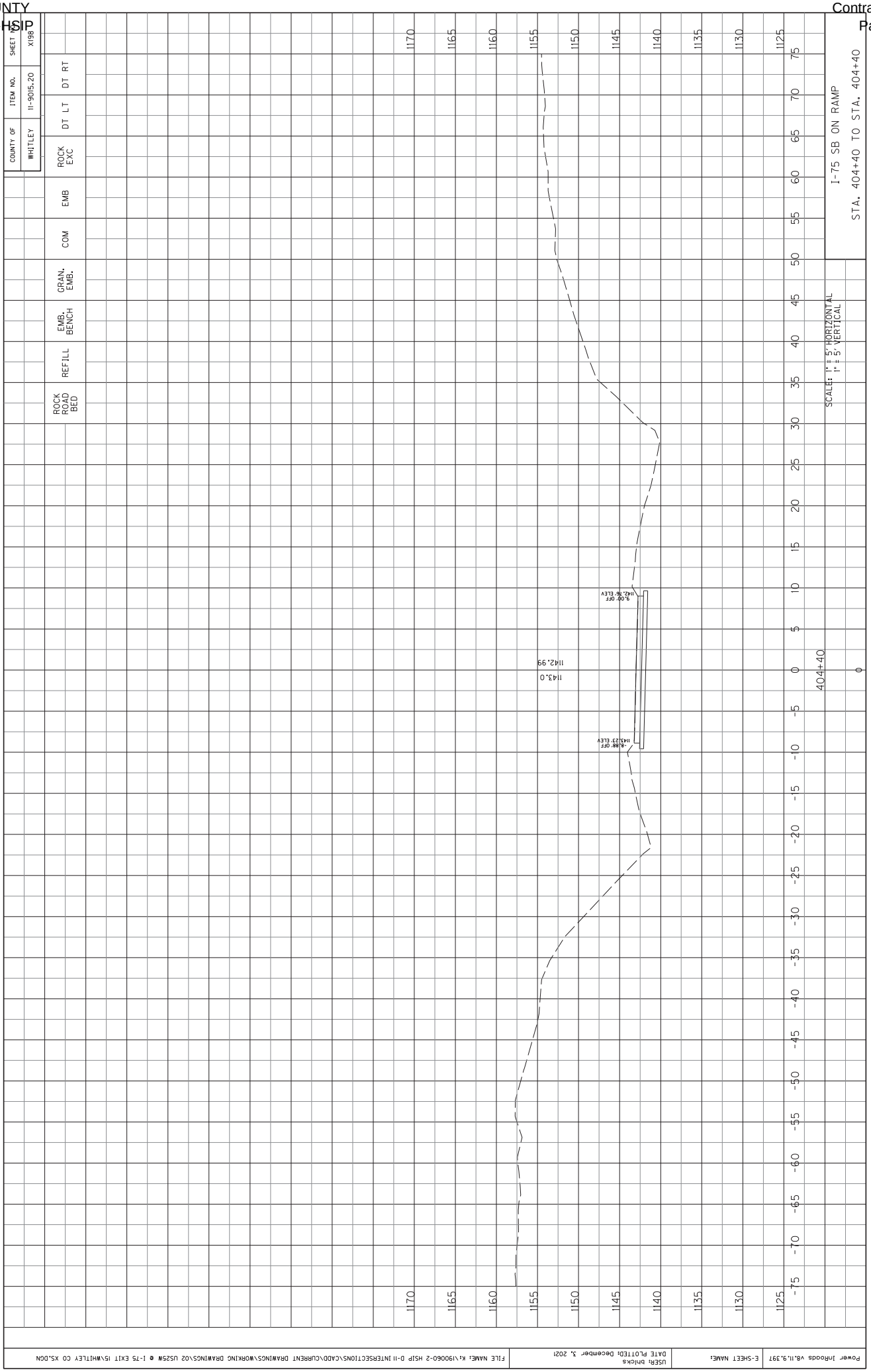


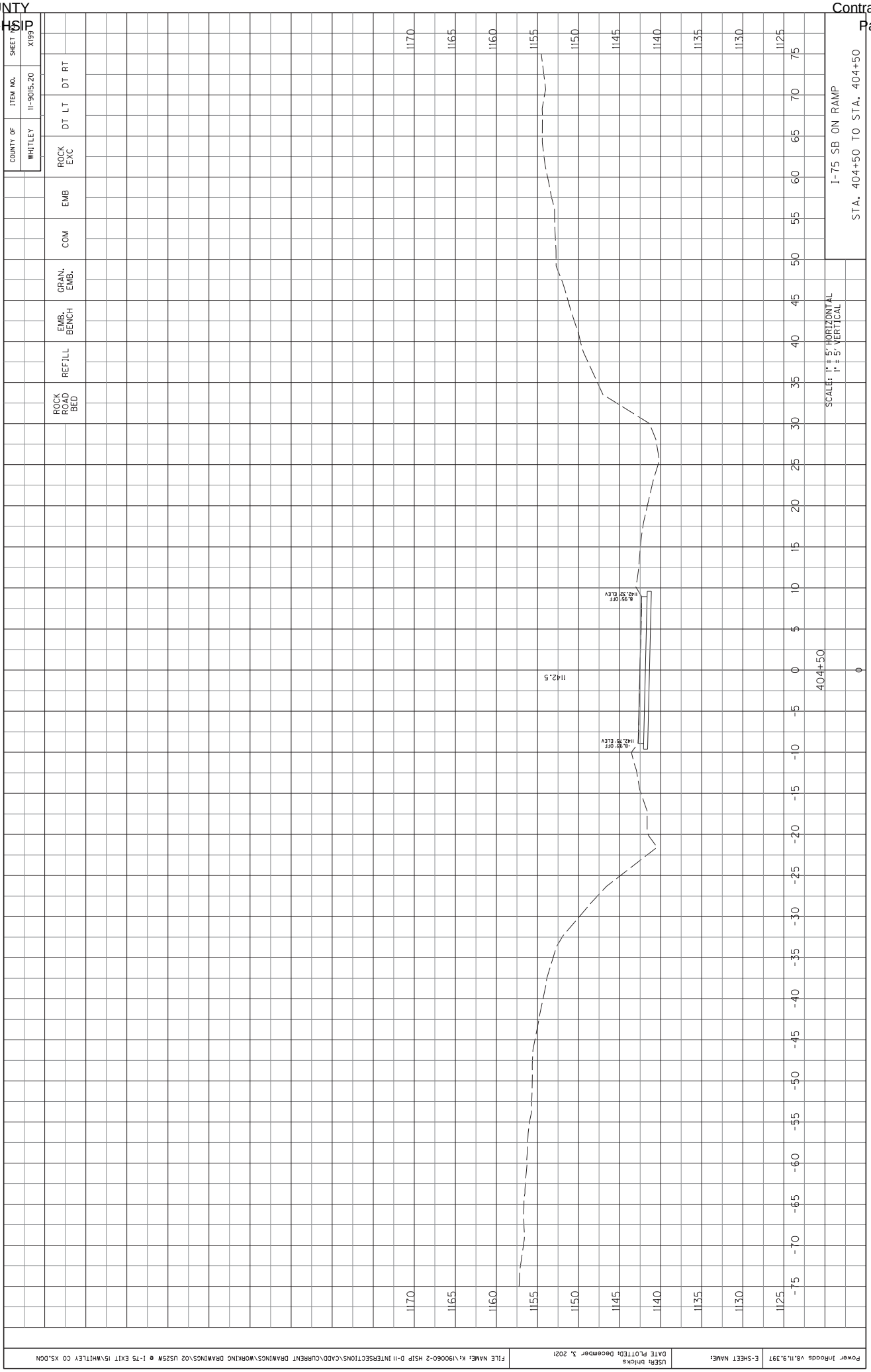
Power InRoads v8.11.9.397 | E-SHEET NAME: | USER: bhicks DATE PLOTTED: December 3, 2021 | FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

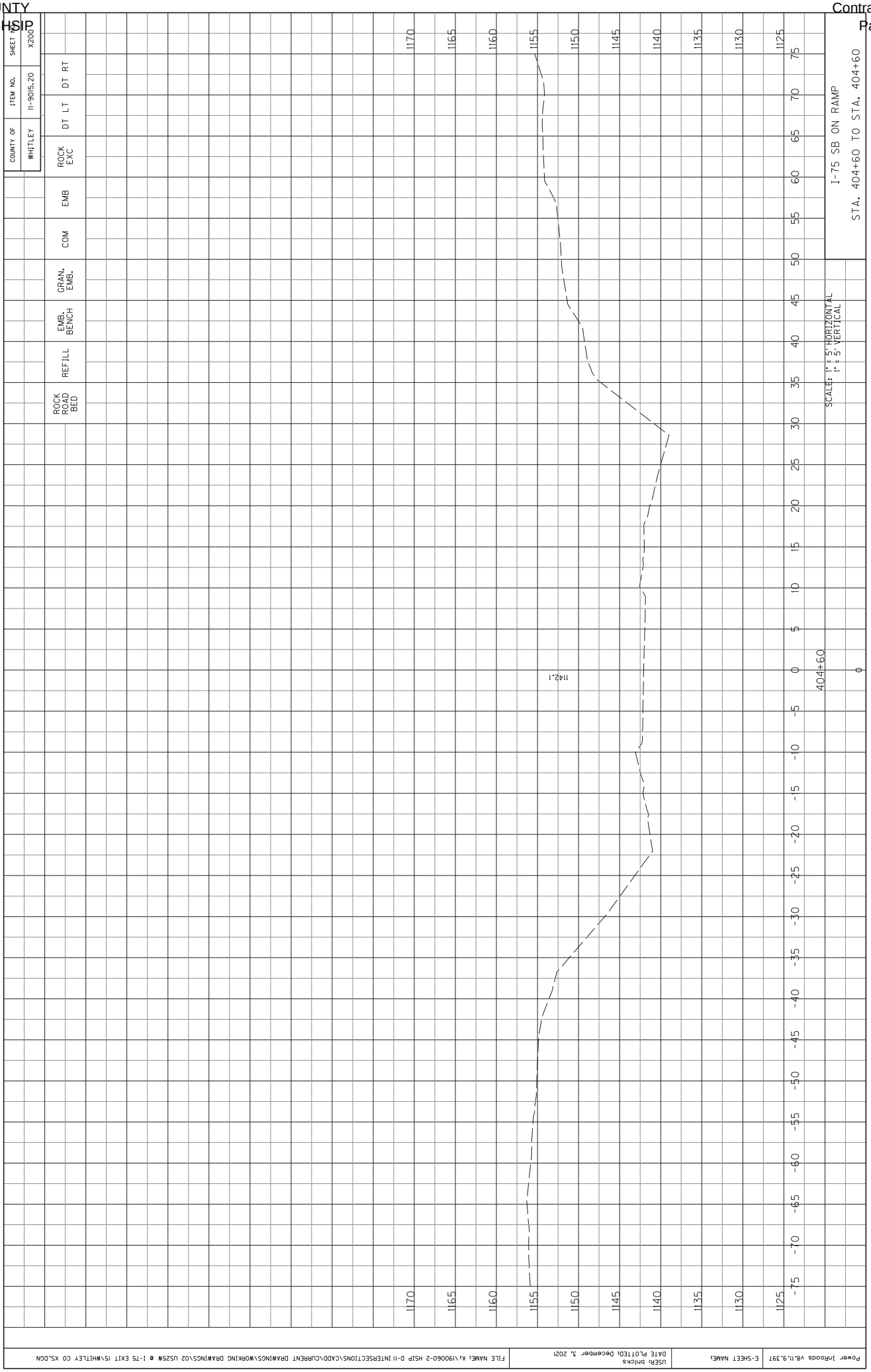


Power InRoads v8.11.9.397 | E-SHEET NAME: | USER: bhicks DATE PLOTTED: December 3, 2021 | FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN


COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X197
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 SB ON RAMP
STA. 404+20 TO STA. 404+30
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
404+30
404+20
1143.49
1144.02
6:1
8:1
Power InRoads v8.11.9.397
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN


COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X198
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 SB ON RAMP
STA. 404+40 TO STA. 404+40
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1170
1165
1160
1155
1150
1145
1140
1135
1130
1125
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
404+40
0
1143.0
1142.99
3.00' OFF
1142.78' ELEV
-8.88' OFF
1143.23' ELEV
Power InRoads V8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN


COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X199
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 SB ON RAMP
STA. 404+50 TO STA. 404+50
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
1142.5
8.95' OFF
1142.32' ELEV
8.95' OFF
1142.70' ELEV
404+50
0
1170
1165
1160
1155
1150
1145
1140
1135
1130
1125
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN


COUNTY OF WHITLEY
ITEM NO. 11-9015.20
SHEET NO. X200
ROCK EXC
DT LT
DT RT
EMB
COM
GRAN. EMB.
EMB. BENCH
REFILL
ROCK ROAD BED
I-75 SB ON RAMP
STA. 404+60 TO STA. 404+60
SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL
404+60
1142.1
1170
1165
1160
1155
1150
1145
1140
1135
1130
1125
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
Power InRoads v8.11.9.397
E-SHEET NAME:
USER: bhicks
DATE PLOTTED: December 3, 2021
FILE NAME: K:\190060-2 HSIP D-11 INTERSECTIONS\CADD\CURRENT DRAWINGS\WORKING DRAWINGS\02 US25W @ I-75 EXIT 15\WHITLEY CO XS.DGN

GUARDRAIL DELIVERY VERIFICATION SHEET

Contract Id: _____ **Contractor: _____**

Section Engineer: _____ **District & County: _____**

DESCRIPTION	UNIT	QTY LEAVING PROJECT	QTY RECEIVED@BB YARD
GUARDRAIL (Includes End treatments & crash cushions)	LF	_____	_____
STEEL POSTS	EACH	_____	_____
STEEL BLOCKS	EACH	_____	_____
WOOD OFFSET BLOCKS	EACH	_____	_____
BACK UP PLATES	EACH	_____	_____
CRASH CUSHION	EACH	_____	_____
NUTS, BOLTS, WASHERS	BAG/BCKT	_____	_____
DAMAGED RAIL TO MAINT. FACILITY	LF	_____	_____
DAMAGED POSTS TO MAINT. FACILITY	EACH	_____	_____

****Required Signatures before Leaving Project Site***

Printed Section Engineer's Representative_____ & Date_____

Signature Section Engineer's Representative_____& Date_____

Printed Contractor's Representative_____& Date_____

Signature Contractor's Representative_____& Date_____

Required Signatures after Arrival at Bailey Bridge Yard (All material on truck must be counted & the quantity received column completed before signatures)

Printed Bailey Bridge Yard Representative_____ & Date_____

Signature Bailey Bridge Yard Representative_____& Date_____

Printed Contractor's Representative_____& Date_____

Signature Contractor's Representative_____& Date_____

**Payment for the bid item remove guardrail will be based upon the quantities shown in the Bailey Bridge Yard received column. Payment will not be made for guardrail removal until the guardrail verification sheets are electronically submitted to the Section Engineer by the Bailey Bridge Yard Representative.

Completed Form Submitted to Section Engineer Date: _____ By: _____

PART II

SPECIFICATIONS AND STANDARD DRAWINGS

SPECIFICATIONS REFERENCE

Any reference in the plans or proposal to previous editions of the *Standard Specifications for Road and Bridge Construction* and *Standard Drawings* are superseded by *Standard Specifications for Road and Bridge Construction, Edition of 2019* and *Standard Drawings, Edition of 2020.*

SUPPLEMENTAL SPECIFICATIONS

The contractor shall use the Supplemental Specifications that are effective at the time of letting. The Supplemental Specifications can be found at the following link:

http://transportation.ky.gov/Construction/Pages/Kentucky-Standard-Specifications.aspx

SPECIAL NOTE FOR BARCODE LABEL ON PERMANENT SIGNS

1.0 DESCRIPTION. Install barcode label on sheeting signs. Section references herein are to the Department's Standard Specifications for Road and Bridge Construction, current edition.

2.0 MATERIALS. The Department will provide the Contractor with a 2 inch x 1 inch foil barcode label for each permanent sheeting sign. A unique number will be assigned to each barcode label.

The Contractor shall contact the Operations and Pavement Management Branch in the Division of Maintenance at (502) 564-4556 to obtain the barcode labels.

3.0 CONSTRUCTION. Apply foil barcode label in the lower right quadrant of the sign back. Signs where the bottom edge is not parallel to the ground, the lowest corner of the sign shall serve as the location to place the barcode label. The barcode label shall be placed no less than one-inch and no more than three inches from any edge of the sign. The barcode must be placed so that the sign post does not cover the barcode label.

Barcodes shall be applied in an indoor setting with a minimum air temperature of 50°F or higher. Prior to application of the barcode label, the back of the sign must be clean and free of dust, oil, etc. If the sign is not clean, an alcohol swab shall be used to clean the area. The area must be allowed to dry prior to placement of the barcode label.

Data for each sign shall include the barcode number, MUTCD reference number, sheeting manufacturer, sheeting type, manufacture date, color of primary reflective surface, installation date, latitude and longitude using the North American Datum of 1983 (NAD83) or the State Plane Coordinates using an x and y ordinate of the installed location.

Data should be provided electronically on the TC 71-229 Sign Details Information and TC 71-230 Sign Assembly Information forms. The Contractor may choose to present the data in a different format provided that the information submitted to the Department is equivalent to the information required on the Department TC forms. The forms must be submitted in electronic format regardless of which type of form is used. The Department will not accept PDF or handwritten forms. These completed forms must be submitted to the Department prior to final inspection of the signs. The Department will not issue formal acceptance for the project until the TC 71-229 and TC-230 electronic forms are completed for all signs and sign assemblies on the project.

4.0 MEASUREMENT. The Department will measure all work required for the installation of the barcode label and all work associated with completion and submission of the sign inventory data (TC 71-229 and TC 71-230).

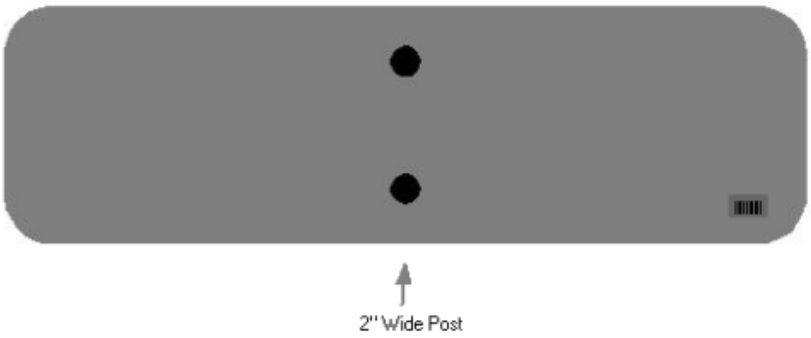
The installation of the permanent sign will be measured in accordance to Section 715.

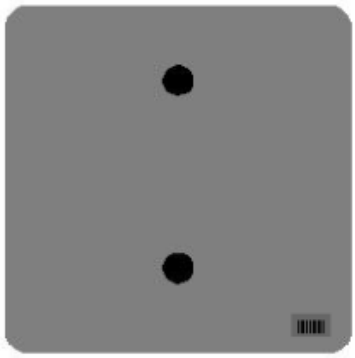
5.0 PAYMENT. The Department will make payment for the completed and accepted quantities under the following:

Code	Pay Item	Pay Unit
24631EC	Barcode Sign Inventory	Each

The Department will not make payment for this item until all barcodes are installed and sign inventory is complete on every permanent sign installed on the project. The Department will make payment for installation of the permanent sign in accordance to Section 715. The Department will consider payment as full compensation for all work required under this special note.

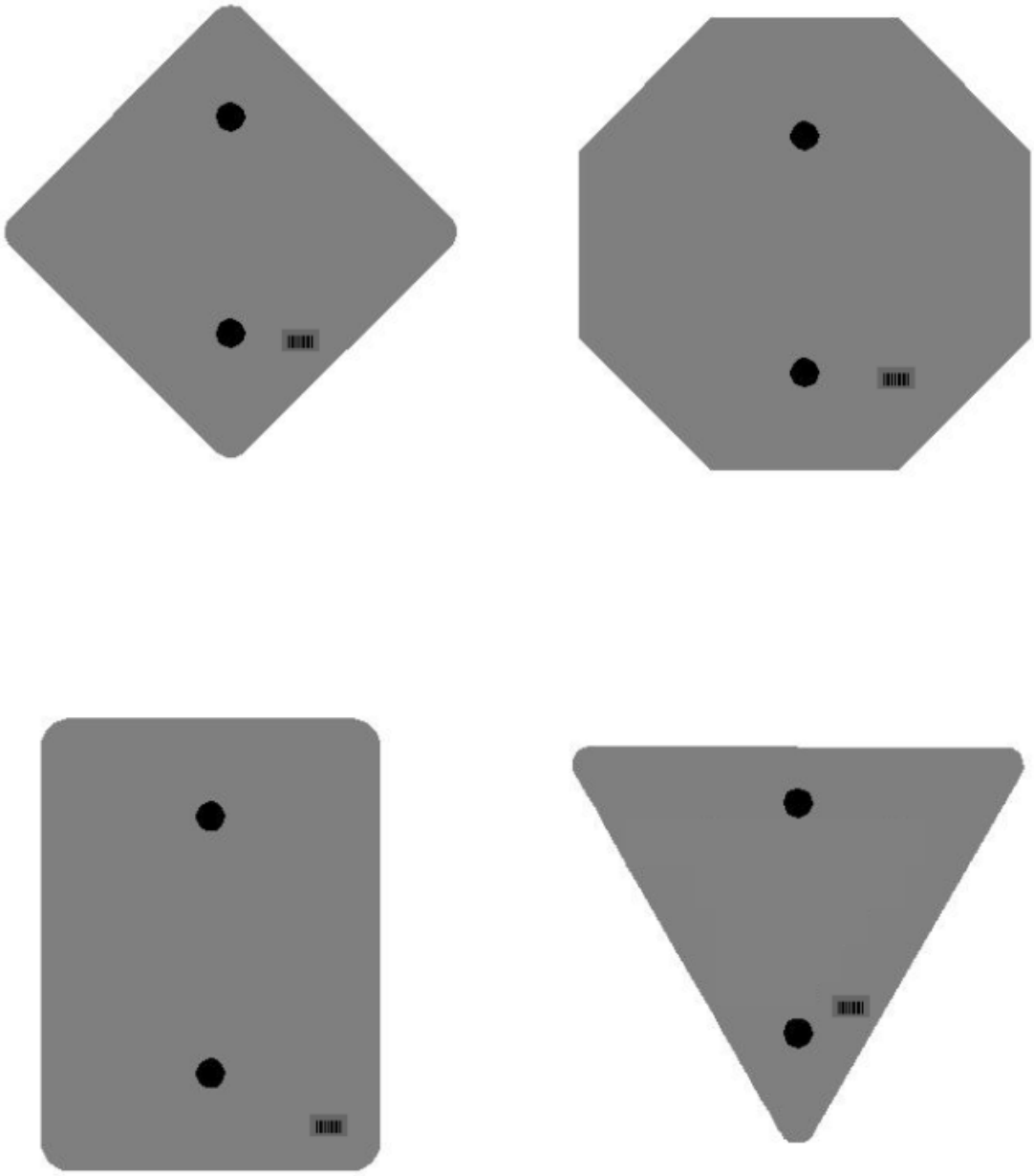
One Sign Post



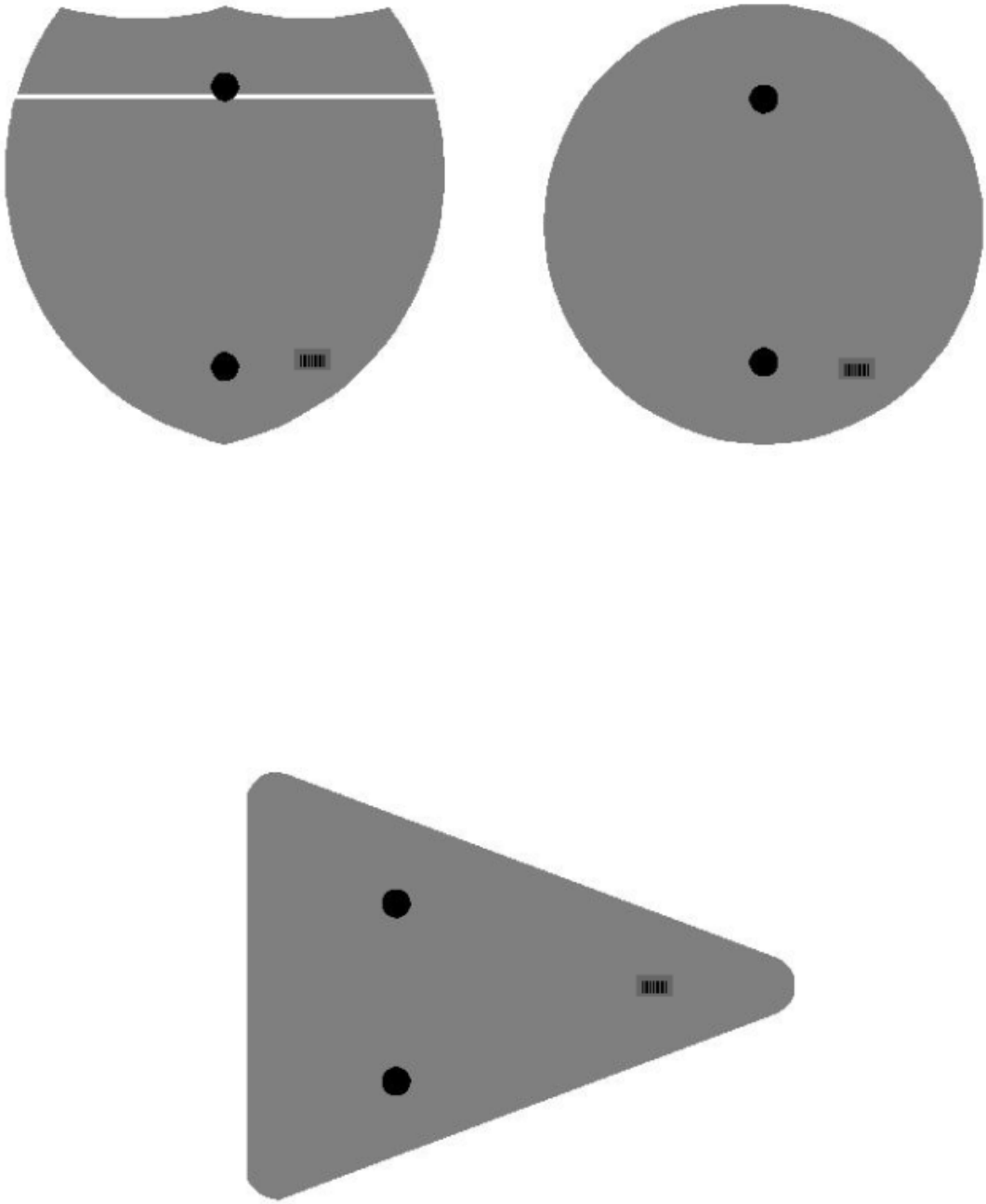




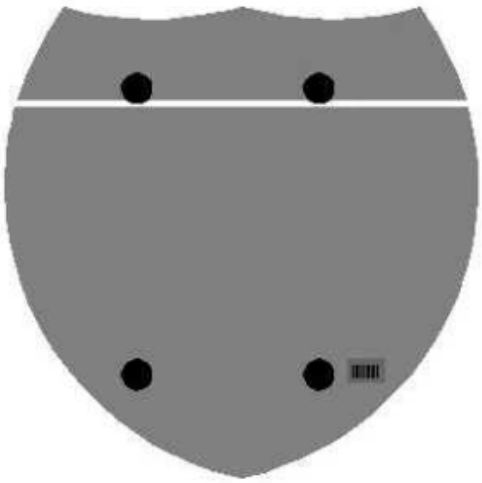
One Sign Post



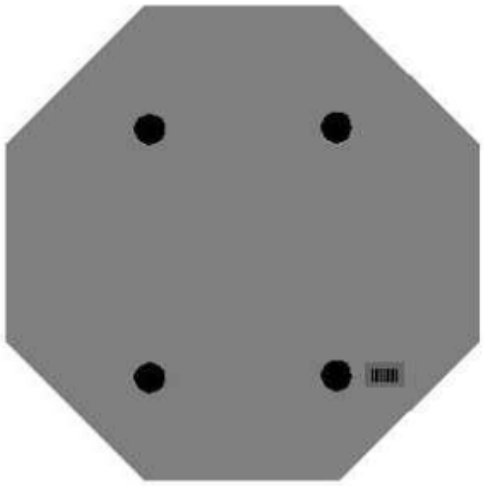
One Sign Post



Double Sign Post



Interstate
Shield

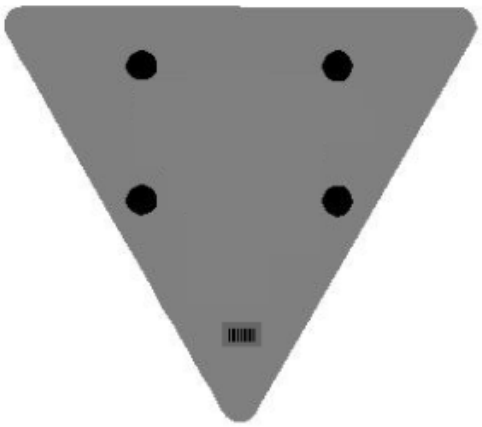


48" Stop

2 Post Signs







2020 STANDARD DRAWINGS THAT APPLY

ROADWAY

~ *BARRIERS* ~

GUARDRAIL CONNECTORS TO BRIDGE ENDS

GUARDRAIL CONNECTOR TO BRIDGE END TYPE A COMPONENTS RBC-002-04
GUARDRAIL CONNECTOR TO BRIDGE END TYPE A AND A-1 COMPONENTS RBC-003-09
GUARDRAIL CONNECTOR TO BRIDGE END TYPE A RBC-005-01
GUARDRAIL CONNECTOR TO BRIDGE END TYPE A NOTES RBC-005N

TYPICAL BARRIER INSTALLATIONS

TYPICAL GUARDRAIL INSTALLATIONS RBI-001-12
TYPICAL GUARDRAIL INSTALLATIONS RBI-002-07
INSTALLATION OF GUARDRAIL END TREATMENT TYPE 1 ..... RBI-004-06

GUARDRAIL HARDWARE

STEEL BEAM GUARDRAIL (W-BEAM) RBR-001-13
GUARDRAIL COMPONENTS RBR-005-11
GUARDRAIL TERMINAL SECTIONS RBR-010-06
STEEL GUARDRAIL POSTS RBR-015-06
GUARDRAIL SYSTEM TRANSITION RBR-018
GUARDRAIL TERMINAL SECTIONS RBR-010-06
GUARDRAIL END TREATMENT TYPE 1 ..... RBR-020-07
DELINEATORS FOR GUARDRAIL RBR-005-01
DELINEATORS AT NARROW SHOULDER BRIDGES RBR-060

~ *DRAINAGE* ~

BOX INLETS AND OUTLETS

DROP BOXES

DROP BOX INLET TYPE 13 (DETAIL SHEET) RDB-013-07
DROP BOX INLET TYPE 13 AND TYPE 16 (FRAME & GRATE DETAILS) RDB-014-06
DROP BOX INLET TYPE 13 (DETAIL & BAR CHART FOR LID) RDB-015-04
DROP BOX INLET TYPE 13 (PIPE CHAMBER - GRADE CONDITION) RDB-016-03

PAVED DITCHES, FLUME INLETS AND CHANNEL LININGS

CHANNEL LINING CLASS II AND III RDD-040-05

TYPICAL DRAINAGE INSTALLATIONS

CULVERT, ENTRANCE & STORM SEWER PIPE TYPES & COVER HEIGHTS (12” – 24” PIPE) RDI-001-10
PIPE BEDDING FOR CULVERTS, ENTRANCE, AND STORM SEWER PIPE RDI-020-10
EROSION CONTROL BLANKET SLOPE INSTALLATION RDI-040-01
EROSION CONTROL BLANKET CHANNEL INSTALLATION RDI-041-01

MISCELLANEOUS DRAINAGE

TEMPORARY SILT FENCE RDX-210-03
SILT TRAP - TYPE A RDX-220-05
SILT TRAP - TYPE B RDX-225-01
SILT TRAP - TYPE C RDX-230-01

Standard Drawings That Apply
Page 2 of 2

~ *PAVEMENT* ~

MEDIANS, CURBS, APPROACHES, ENTRANCES, ETC.

MOUNTABLE MEDIAN RPM-011-06
CURB AND GUTTER, CURBS AND VALLEY GUTTER RPM-100-11

NON-REINFORCED CONCRETE PAVEMENT

JOINTED PLAIN CONCRETE PAVEMENT FOR SHOULDERS & MEDIANS RPN-001-07
PAVEMENT TRANSITIONS & JOINT DETAILS FOR JOINTED PLAIN CONCRETE PAVEMENT AT BRIDGE ENDS RPN-010-07
JOINTED PLAIN CONCRETE PAVEMENT RPN-015-05
CONCRETE PAVEMENT JOINTS TYPES & SPACING RPN-020-04

STANDARD REINFORCED CONCRETE PAVEMENT

CONCRETE PAVEMENT JOINT DETAILS RPS-010-11
EXPANSION AND CONTRACTION JOINT LOAD TRANSFER ASSEMBLIES RPS-020-14
CONCRETE PAVEMENT JOINTS - TYPES AND SPACING RPS-031-06
CONCRETE PAVEMENT JOINTS - TYPES AND SPACING RPS-036-06
CONCRETE PAVEMENT JOINTS - TYPES AND SPACING RPS-038-06

MISCELLANEOUS PAVING

STATION MARKINGS, CONCRETE PAVEMENT RPX-001-04
PREFORMED COMPRESSION JOINT SEAL FOR CONCRETE PAVEMENT RPX-010-05
HOT POURED ELASTIC JOINT SEALS FOR CONCRETE PAVEMENT RPX-015-04
SILICONE RUBBER SEALS USED IN PORTLAND CONCRETE PAVEMENT RPX-020-06

TRAFFIC

~ *PERMANENT* ~

MARKERS

PAVEMENT STRIPING DETAILS FOR TWO LANE TWO WAY ROADWAYS TPM-175
TYPICAL MARKINGS FOR ISLANDS AND MEDIANS TPM-205
TYPICAL MARKINGS FOR TURN LANES PAGE 1 ..... TPM-206

~ *TEMPORARY* ~

TRAFFIC CONTROL

LANE CLOSURE TWO-LANE HIGHWAY TTC-100-05
LANE CLOSURE USING TRAFFIC SIGNALS TTC-110-04
SHOULDER CLOSURE TTC-135-03

DEVICES

PAVEMENT CONDITION WARNING SIGNS TTD-125-03

STRIPING OPERATIONS

MOBILE OPERATION FOR PAINT STRIPING CASE I TTS-100-02
MOBILE OPERATION FOR PAINT STRIPING CASE II TTS-105-02
MOBILE OPERATION FOR DURABLE STRIPING CASE III TTS-130-02
MOBILE OPERATION FOR DURABLE STRIPING CASE IV TTS-135-02

PART III

EMPLOYMENT, WAGE AND RECORD REQUIREMENTS

FHWA-1273 -- Revised May 1, 2012

REQUIRED CONTRACT PROVISIONS
FEDERAL-AID CONSTRUCTION CONTRACTS

I. General
II. Nondiscrimination
III. Nonsegregated Facilities
IV. Davis-Bacon and Related Act Provisions
V. Contract Work Hours and Safety Standards Act Provisions
VI. Subletting or Assigning the Contract
VII. Safety: Accident Prevention
VIII. False Statements Concerning Highway Projects
IX. Implementation of Clean Air Act and Federal Water Pollution Control Act
X. Compliance with Governmentwide Suspension and Debarment Requirements
XI. Certification Regarding Use of Contract Funds for Lobbying

ATTACHMENTS

A. Employment and Materials Preference for Appalachian Development Highway System or Appalachian Local Access Road Contracts (included in Appalachian contracts only)

I. GENERAL

1. Form FHWA-1273 must be physically incorporated in each construction contract funded under Title 23 (excluding emergency contracts solely intended for debris removal). The contractor (or subcontractor) must insert this form in each subcontract and further require its inclusion in all lower tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services).

The applicable requirements of Form FHWA-1273 are incorporated by reference for work done under any purchase order, rental agreement or agreement for other services. The prime contractor shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Form FHWA-1273 must be included in all Federal-aid design-build contracts, in all subcontracts and in lower tier subcontracts (excluding subcontracts for design services, purchase orders, rental agreements and other agreements for supplies or services). The design-builder shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Contracting agencies may reference Form FHWA-1273 in bid proposal or request for proposal documents, however, the Form FHWA-1273 must be physically incorporated (not referenced) in all contracts, subcontracts and lower-tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services related to a construction contract).

2. Subject to the applicability criteria noted in the following sections, these contract provisions shall apply to all work performed on the contract by the contractor's own organization and with the assistance of workers under the contractor's immediate superintendence and to all work performed on the contract by piecework, station work, or by subcontract.

3. A breach of any of the stipulations contained in these Required Contract Provisions may be sufficient grounds for withholding of progress payments, withholding of final payment, termination of the contract, suspension / debarment or any other action determined to be appropriate by the contracting agency and FHWA.

4. Selection of Labor: During the performance of this contract, the contractor shall not use convict labor for any purpose within the limits of a construction project on a Federal-aid highway unless it is labor performed by convicts who are on parole, supervised release, or probation. The term Federal-aid highway does not include roadways functionally classified as local roads or rural minor collectors.

II. NONDISCRIMINATION

The provisions of this section related to 23 CFR Part 230 are applicable to all Federal-aid construction contracts and to all related construction subcontracts of $10,000 or more. The provisions of 23 CFR Part 230 are not applicable to material supply, engineering, or architectural service contracts.

In addition, the contractor and all subcontractors must comply with the following policies: Executive Order 11246, 41 CFR 60, 29 CFR 1625-1627, Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The contractor and all subcontractors must comply with: the requirements of the Equal Opportunity Clause in 41 CFR 60-1.4(b) and, for all construction contracts exceeding $10,000, the Standard Federal Equal Employment Opportunity Construction Contract Specifications in 41 CFR 60-4.3.

Note: The U.S. Department of Labor has exclusive authority to determine compliance with Executive Order 11246 and the policies of the Secretary of Labor including 41 CFR 60, and 29 CFR 1625-1627. The contracting agency and the FHWA have the authority and the responsibility to ensure compliance with Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), and Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The following provision is adopted from 23 CFR 230, Appendix A, with appropriate revisions to conform to the U.S. Department of Labor (US DOL) and FHWA requirements.

1. Equal Employment Opportunity: Equal employment opportunity (EEO) requirements not to discriminate and to take affirmative action to assure equal opportunity as set forth under laws, executive orders, rules, regulations (28 CFR 35, 29 CFR 1630, 29 CFR 1625-1627, 41 CFR 60 and 49 CFR 27) and orders of the Secretary of Labor as modified by the provisions prescribed herein, and imposed pursuant to 23 U.S.C. 140 shall constitute the EEO and specific affirmative action standards for the contractor's project activities under

this contract. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) set forth under 28 CFR 35 and 29 CFR 1630 are incorporated by reference in this contract. In the execution of this contract, the contractor agrees to comply with the following minimum specific requirement activities of EEO:

a. The contractor will work with the contracting agency and the Federal Government to ensure that it has made every good faith effort to provide equal opportunity with respect to all of its terms and conditions of employment and in their review of activities under the contract.

b. The contractor will accept as its operating policy the following statement:

"It is the policy of this Company to assure that applicants are employed, and that employees are treated during employment, without regard to their race, religion, sex, color, national origin, age or disability. Such action shall include: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship, pre-apprenticeship, and/or on-the-job training."

2. EEO Officer: The contractor will designate and make known to the contracting officers an EEO Officer who will have the responsibility for and must be capable of effectively administering and promoting an active EEO program and who must be assigned adequate authority and responsibility to do so.

3. Dissemination of Policy: All members of the contractor's staff who are authorized to hire, supervise, promote, and discharge employees, or who recommend such action, or who are substantially involved in such action, will be made fully cognizant of, and will implement, the contractor's EEO policy and contractual responsibilities to provide EEO in each grade and classification of employment. To ensure that the above agreement will be met, the following actions will be taken as a minimum:

a. Periodic meetings of supervisory and personnel office employees will be conducted before the start of work and then not less often than once every six months, at which time the contractor's EEO policy and its implementation will be reviewed and explained. The meetings will be conducted by the EEO Officer.

b. All new supervisory or personnel office employees will be given a thorough indoctrination by the EEO Officer, covering all major aspects of the contractor's EEO obligations within thirty days following their reporting for duty with the contractor.

c. All personnel who are engaged in direct recruitment for the project will be instructed by the EEO Officer in the contractor's procedures for locating and hiring minorities and women.

d. Notices and posters setting forth the contractor's EEO policy will be placed in areas readily accessible to employees, applicants for employment and potential employees.

e. The contractor's EEO policy and the procedures to implement such policy will be brought to the attention of employees by means of meetings, employee handbooks, or other appropriate means.

4. Recruitment: When advertising for employees, the contractor will include in all advertisements for employees the notation: "An Equal Opportunity Employer." All such advertisements will be placed in publications having a large circulation among minorities and women in the area from which the project work force would normally be derived.

a. The contractor will, unless precluded by a valid bargaining agreement, conduct systematic and direct recruitment through public and private employee referral sources likely to yield qualified minorities and women. To meet this requirement, the contractor will identify sources of potential minority group employees, and establish with such identified sources procedures whereby minority and women applicants may be referred to the contractor for employment consideration.

b. In the event the contractor has a valid bargaining agreement providing for exclusive hiring hall referrals, the contractor is expected to observe the provisions of that agreement to the extent that the system meets the contractor's compliance with EEO contract provisions. Where implementation of such an agreement has the effect of discriminating against minorities or women, or obligates the contractor to do the same, such implementation violates Federal nondiscrimination provisions.

c. The contractor will encourage its present employees to refer minorities and women as applicants for employment. Information and procedures with regard to referring such applicants will be discussed with employees.

5. Personnel Actions: Wages, working conditions, and employee benefits shall be established and administered, and personnel actions of every type, including hiring, upgrading, promotion, transfer, demotion, layoff, and termination, shall be taken without regard to race, color, religion, sex, national origin, age or disability. The following procedures shall be followed:

a. The contractor will conduct periodic inspections of project sites to insure that working conditions and employee facilities do not indicate discriminatory treatment of project site personnel.

b. The contractor will periodically evaluate the spread of wages paid within each classification to determine any evidence of discriminatory wage practices.

c. The contractor will periodically review selected personnel actions in depth to determine whether there is evidence of discrimination. Where evidence is found, the contractor will promptly take corrective action. If the review indicates that the discrimination may extend beyond the actions reviewed, such corrective action shall include all affected persons.

d. The contractor will promptly investigate all complaints of alleged discrimination made to the contractor in connection with its obligations under this contract, will attempt to resolve such complaints, and will take appropriate corrective action within a reasonable time. If the investigation indicates that the discrimination may affect persons other than the complainant, such corrective action shall include such other persons. Upon completion of each investigation, the contractor will inform every complainant of all of their avenues of appeal.

6. Training and Promotion:

a. The contractor will assist in locating, qualifying, and increasing the skills of minorities and women who are

applicants for employment or current employees. Such efforts should be aimed at developing full journey level status employees in the type of trade or job classification involved.

b. Consistent with the contractor's work force requirements and as permissible under Federal and State regulations, the contractor shall make full use of training programs, i.e., apprenticeship, and on-the-job training programs for the geographical area of contract performance. In the event a special provision for training is provided under this contract, this subparagraph will be superseded as indicated in the special provision. The contracting agency may reserve training positions for persons who receive welfare assistance in accordance with 23 U.S.C. 140(a).

c. The contractor will advise employees and applicants for employment of available training programs and entrance requirements for each.

d. The contractor will periodically review the training and promotion potential of employees who are minorities and women and will encourage eligible employees to apply for such training and promotion.

7. Unions: If the contractor relies in whole or in part upon unions as a source of employees, the contractor will use good faith efforts to obtain the cooperation of such unions to increase opportunities for minorities and women. Actions by the contractor, either directly or through a contractor's association acting as agent, will include the procedures set forth below:

a. The contractor will use good faith efforts to develop, in cooperation with the unions, joint training programs aimed toward qualifying more minorities and women for membership in the unions and increasing the skills of minorities and women so that they may qualify for higher paying employment.

b. The contractor will use good faith efforts to incorporate an EEO clause into each union agreement to the end that such union will be contractually bound to refer applicants without regard to their race, color, religion, sex, national origin, age or disability.

c. The contractor is to obtain information as to the referral practices and policies of the labor union except that to the extent such information is within the exclusive possession of the labor union and such labor union refuses to furnish such information to the contractor, the contractor shall so certify to the contracting agency and shall set forth what efforts have been made to obtain such information.

d. In the event the union is unable to provide the contractor with a reasonable flow of referrals within the time limit set forth in the collective bargaining agreement, the contractor will, through independent recruitment efforts, fill the employment vacancies without regard to race, color, religion, sex, national origin, age or disability; making full efforts to obtain qualified and/or qualifiable minorities and women. The failure of a union to provide sufficient referrals (even though it is obligated to provide exclusive referrals under the terms of a collective bargaining agreement) does not relieve the contractor from the requirements of this paragraph. In the event the union referral practice prevents the contractor from meeting the obligations pursuant to Executive Order 11246, as amended, and these special provisions, such contractor shall immediately notify the contracting agency.

8. Reasonable Accommodation for Applicants / Employees with Disabilities: The contractor must be familiar with the requirements for and comply with the Americans with Disabilities Act and all rules and regulations established there under. Employers must provide reasonable accommodation in all employment activities unless to do so would cause an undue hardship.

9. Selection of Subcontractors, Procurement of Materials and Leasing of Equipment: The contractor shall not discriminate on the grounds of race, color, religion, sex, national origin, age or disability in the selection and retention of subcontractors, including procurement of materials and leases of equipment. The contractor shall take all necessary and reasonable steps to ensure nondiscrimination in the administration of this contract.

a. The contractor shall notify all potential subcontractors and suppliers and lessors of their EEO obligations under this contract.

b. The contractor will use good faith efforts to ensure subcontractor compliance with their EEO obligations.

10. Assurance Required by 49 CFR 26.13(b):

a. The requirements of 49 CFR Part 26 and the State DOT's U.S. DOT-approved DBE program are incorporated by reference.

b. The contractor or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the contracting agency deems appropriate.

11. Records and Reports: The contractor shall keep such records as necessary to document compliance with the EEO requirements. Such records shall be retained for a period of three years following the date of the final payment to the contractor for all contract work and shall be available at reasonable times and places for inspection by authorized representatives of the contracting agency and the FHWA.

a. The records kept by the contractor shall document the following:

(1) The number and work hours of minority and non-minority group members and women employed in each work classification on the project;

(2) The progress and efforts being made in cooperation with unions, when applicable, to increase employment opportunities for minorities and women; and

(3) The progress and efforts being made in locating, hiring, training, qualifying, and upgrading minorities and women;

b. The contractors and subcontractors will submit an annual report to the contracting agency each July for the duration of the project, indicating the number of minority, women, and non-minority group employees currently engaged in each work classification required by the contract work. This information is to be reported on Form FHWA-1391. The staffing data should represent the project work force on board in all or any part of the last payroll period preceding the end of July. If on-the-job training is being required by special provision, the contractor

will be required to collect and report training data. The employment data should reflect the work force on board during all or any part of the last payroll period preceding the end of July.

III. NONSEGREGATED FACILITIES

This provision is applicable to all Federal-aid construction contracts and to all related construction subcontracts of $10,000 or more.

The contractor must ensure that facilities provided for employees are provided in such a manner that segregation on the basis of race, color, religion, sex, or national origin cannot result. The contractor may neither require such segregated use by written or oral policies nor tolerate such use by employee custom. The contractor's obligation extends further to ensure that its employees are not assigned to perform their services at any location, under the contractor's control, where the facilities are segregated. The term "facilities" includes waiting rooms, work areas, restaurants and other eating areas, time clocks, restrooms, washrooms, locker rooms, and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing provided for employees. The contractor shall provide separate or single-user restrooms and necessary dressing or sleeping areas to assure privacy between sexes.

IV. DAVIS-BACON AND RELATED ACT PROVISIONS

This section is applicable to all Federal-aid construction projects exceeding $2,000 and to all related subcontracts and lower-tier subcontracts (regardless of subcontract size). The requirements apply to all projects located within the right-of-way of a roadway that is functionally classified as Federal-aid highway. This excludes roadways functionally classified as local roads or rural minor collectors, which are exempt. Contracting agencies may elect to apply these requirements to other projects.

The following provisions are from the U.S. Department of Labor regulations in 29 CFR 5.5 “Contract provisions and related matters” with minor revisions to conform to the FHWA-1273 format and FHWA program requirements.

1. Minimum wages

a. All laborers and mechanics employed or working upon the site of the work, will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph 1.d. of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph 1.b. of this section) and the Davis-Bacon poster (WH–1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

b.(1) The contracting officer shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The contracting officer shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

(i) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(ii) The classification is utilized in the area by the construction industry; and

(iii) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(2) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the contracting officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the contracting officer to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(3) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the contracting officer shall refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Wage and Hour Administrator for determination. The Wage and Hour Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or

will notify the contracting officer within the 30-day period that additional time is necessary.

(4) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs 1.b.(2) or 1.b.(3) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

c. Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

d. If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

2. Withholding

The contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor under this contract, or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the contracting agency may, after written notice to the contractor, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

3. Payrolls and basic records

a. Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

b.(1) The contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to the contracting agency. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g. , the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH–347 is available for this purpose from the Wage and Hour Division Web site at http://www.dol.gov/esa/whd/forms/wh347instr.htm or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the contracting agency for transmission to the State DOT, the FHWA or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the contracting agency..

(2) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(i) That the payroll for the payroll period contains the information required to be provided under §5.5 (a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under §5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;

(ii) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;

(iii) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(3) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH–347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph 3.b.(2) of this section.

(4) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.

c. The contractor or subcontractor shall make the records required under paragraph 3.a. of this section available for inspection, copying, or transcription by authorized representatives of the contracting agency, the State DOT, the FHWA, or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the FHWA may, after written notice to the contractor, the contracting agency or the State DOT, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

4. Apprentices and trainees

a. Apprentices (programs of the USDOL).

Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice.

The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed.

Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination.

In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

b. Trainees (programs of the USDOL).

Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration.

The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration.

Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed.

In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

c. Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.

d. Apprentices and Trainees (programs of the U.S. DOT).

Apprentices and trainees working under apprenticeship and skill training programs which have been certified by the Secretary of Transportation as promoting EEO in connection with Federal-aid highway construction programs are not subject to the requirements of paragraph 4 of this Section IV. The straight time hourly wage rates for apprentices and trainees under such programs will be established by the particular programs. The ratio of apprentices and trainees to journeymen shall not be greater than permitted by the terms of the particular program.

5. Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.

6. Subcontracts. The contractor or subcontractor shall insert Form FHWA-1273 in any subcontracts and also require the subcontractors to include Form FHWA-1273 in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.

7. Contract termination: debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

8. Compliance with Davis-Bacon and Related Act requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.

9. Disputes concerning labor standards. Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

10. Certification of eligibility.

a. By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

b. No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

c. The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

V. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

The following clauses apply to any Federal-aid construction contract in an amount in excess of $100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by 29 CFR 5.5(a) or 29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchmen and guards.

1. Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

2. Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (1.) of this section, the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1.) of this section, in the sum of $10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1.) of this section.

3. Withholding for unpaid wages and liquidated damages. The FHWA or the contacting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2.) of this section.

4. Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (1.) through (4.) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (1.) through (4.) of this section.

VI. SUBLETTING OR ASSIGNING THE CONTRACT

This provision is applicable to all Federal-aid construction contracts on the National Highway System.

1. The contractor shall perform with its own organization contract work amounting to not less than 30 percent (or a greater percentage if specified elsewhere in the contract) of the total original contract price, excluding any specialty items designated by the contracting agency. Specialty items may be performed by subcontract and the amount of any such specialty items performed may be deducted from the total original contract price before computing the amount of work required to be performed by the contractor's own organization (23 CFR 635.116).

a. The term “perform work with its own organization” refers to workers employed or leased by the prime contractor, and equipment owned or rented by the prime contractor, with or without operators. Such term does not include employees or equipment of a subcontractor or lower tier subcontractor, agents of the prime contractor, or any other assignees. The term may include payments for the costs of hiring leased employees from an employee leasing firm meeting all relevant Federal and State regulatory requirements. Leased employees may only be included in this term if the prime contractor meets all of the following conditions:

(1) the prime contractor maintains control over the supervision of the day-to-day activities of the leased employees;
(2) the prime contractor remains responsible for the quality of the work of the leased employees;
(3) the prime contractor retains all power to accept or exclude individual employees from work on the project; and
(4) the prime contractor remains ultimately responsible for the payment of predetermined minimum wages, the submission of payrolls, statements of compliance and all other Federal regulatory requirements.

b. "Specialty Items" shall be construed to be limited to work that requires highly specialized knowledge, abilities, or equipment not ordinarily available in the type of contracting organizations qualified and expected to bid or propose on the contract as a whole and in general are to be limited to minor components of the overall contract.

2. The contract amount upon which the requirements set forth in paragraph (1) of Section VI is computed includes the cost of material and manufactured products which are to be purchased or produced by the contractor under the contract provisions.

3. The contractor shall furnish (a) a competent superintendent or supervisor who is employed by the firm, has full authority to direct performance of the work in accordance with the contract requirements, and is in charge of all construction operations (regardless of who performs the work) and (b) such other of its own organizational resources (supervision, management, and engineering services) as the contracting officer determines is necessary to assure the performance of the contract.

4. No portion of the contract shall be sublet, assigned or otherwise disposed of except with the written consent of the contracting officer, or authorized representative, and such consent when given shall not be construed to relieve the contractor of any responsibility for the fulfillment of the contract. Written consent will be given only after the contracting agency has assured that each subcontract is evidenced in writing and that it contains all pertinent provisions and requirements of the prime contract.

5. The 30% self-performance requirement of paragraph (1) is not applicable to design-build contracts; however, contracting agencies may establish their own self-performance requirements.

VII. SAFETY: ACCIDENT PREVENTION

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

1. In the performance of this contract the contractor shall comply with all applicable Federal, State, and local laws governing safety, health, and sanitation (23 CFR 635). The contractor shall provide all safeguards, safety devices and protective equipment and take any other needed actions as it determines, or as the contracting officer may determine, to be reasonably necessary to protect the life and health of employees on the job and the safety of the public and to protect property in connection with the performance of the work covered by the contract.

2. It is a condition of this contract, and shall be made a condition of each subcontract, which the contractor enters into pursuant to this contract, that the contractor and any subcontractor shall not permit any employee, in performance of the contract, to work in surroundings or under conditions which are unsanitary, hazardous or dangerous to his/her health or safety, as determined under construction safety and health standards (29 CFR 1926) promulgated by the Secretary of Labor, in accordance with Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704).

3. Pursuant to 29 CFR 1926.3, it is a condition of this contract that the Secretary of Labor or authorized representative thereof, shall have right of entry to any site of contract performance to inspect or investigate the matter of compliance with the construction safety and health standards and to carry out the duties of the Secretary under Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C.3704).

VIII. FALSE STATEMENTS CONCERNING HIGHWAY PROJECTS

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

In order to assure high quality and durable construction in conformity with approved plans and specifications and a high degree of reliability on statements and representations made by engineers, contractors, suppliers, and workers on Federal-aid highway projects, it is essential that all persons concerned with the project perform their functions as carefully, thoroughly, and honestly as possible. Willful falsification, distortion, or misrepresentation with respect to any facts related to the project is a violation of Federal law. To prevent any misunderstanding regarding the seriousness of these and similar acts, Form FHWA-1022 shall be posted on each Federal-aid highway project (23 CFR 635) in one or more places where it is readily available to all persons concerned with the project:

18 U.S.C. 1020 reads as follows:

"Whoever, being an officer, agent, or employee of the United States, or of any State or Territory, or whoever, whether a person, association, firm, or corporation, knowingly makes any false statement, false representation, or false report as to the character, quality, quantity, or cost of the material used or to be used, or the quantity or quality of the work performed or to be performed, or the cost thereof in connection with the submission of plans, maps, specifications, contracts, or costs of construction on any highway or related project submitted for approval to the Secretary of Transportation; or

Whoever knowingly makes any false statement, false representation, false report or false claim with respect to the character, quality, quantity, or cost of any work performed or to be performed, or materials furnished or to be furnished, in connection with the construction of any highway or related project approved by the Secretary of Transportation; or

Whoever knowingly makes any false statement or false representation as to material fact in any statement, certificate, or report submitted pursuant to provisions of the Federal-aid Roads Act approved July 1, 1916, (39 Stat. 355), as amended and supplemented;

Shall be fined under this title or imprisoned not more than 5 years or both."

IX. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

By submission of this bid/proposal or the execution of this contract, or subcontract, as appropriate, the bidder, proposer, Federal-aid construction contractor, or subcontractor, as appropriate, will be deemed to have stipulated as follows:

1. That any person who is or will be utilized in the performance of this contract is not prohibited from receiving an award due to a violation of Section 508 of the Clean Water Act or Section 306 of the Clean Air Act.
2. That the contractor agrees to include or cause to be included the requirements of paragraph (1) of this Section X in every subcontract, and further agrees to take such action as the contracting agency may direct as a means of enforcing such requirements.

X. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, consultant contracts or any other covered transaction requiring FHWA approval or that is estimated to cost $25,000 or more – as defined in 2 CFR Parts 180 and 1200.

1**. Instructions for Certification – First Tier Participants:**

a. By signing and submitting this proposal, the prospective first tier participant is providing the certification set out below.

b. The inability of a person to provide the certification set out below will not necessarily result in denial of participation in this covered transaction. The prospective first tier participant shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective first tier participant to furnish a certification or an explanation shall disqualify such a person from participation in this transaction.

c. The certification in this clause is a material representation of fact upon which reliance was placed when the contracting agency determined to enter into this transaction. If it is later determined that the prospective participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the contracting agency may terminate this transaction for cause of default.

d. The prospective first tier participant shall provide immediate written notice to the contracting agency to whom this proposal is submitted if any time the prospective first tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

e. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. “First Tier Covered Transactions” refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). “Lower Tier Covered Transactions” refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). “First Tier Participant” refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). “Lower Tier Participant” refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

f. The prospective first tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction.

g. The prospective first tier participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transactions," provided by the department or contracting agency, entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the $25,000 threshold.

h. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (https://www.epls.gov/), which is compiled by the General Services Administration.

i. Nothing contained in the foregoing shall be construed to require the establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of the prospective participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

j. Except for transactions authorized under paragraph (f) of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.

* * * * *

2. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – First Tier Participants:

a. The prospective first tier participant certifies to the best of its knowledge and belief, that it and its principals:

(1) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency;

(2) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

(3) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (a)(2) of this certification; and

(4) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

b. Where the prospective participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

2. **Instructions for Certification - Lower Tier Participants:**

(Applicable to all subcontracts, purchase orders and other lower tier transactions requiring prior FHWA approval or estimated to cost $25,000 or more - 2 CFR Parts 180 and 1200)

a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.

b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.

d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. “First Tier Covered Transactions” refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). “Lower Tier Covered Transactions” refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). “First Tier Participant” refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). “Lower Tier Participant” refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.

f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the $25,000 threshold.

g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (https://www.epls.gov/), which is compiled by the General Services Administration.

h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the

department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

* * * * *

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Lower Tier Participants:

1. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency.

2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

* * * * *

XI. CERTIFICATION REGARDING USE OF CONTRACT FUNDS FOR LOBBYING

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts which exceed $100,000 (49 CFR 20).

1. The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

a. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

b. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

2. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than $10,000 and not more than $100,000 for each such failure.

3. The prospective participant also agrees by submitting its bid or proposal that the participant shall require that the language of this certification be included in all lower tier subcontracts, which exceed $100,000 and that all such recipients shall certify and disclose accordingly.

ATTACHMENT A - EMPLOYMENT AND MATERIALS PREFERENCE FOR APPALACHIAN DEVELOPMENT HIGHWAY SYSTEM OR APPALACHIAN LOCAL ACCESS ROAD CONTRACTS

This provision is applicable to all Federal-aid projects funded under the Appalachian Regional Development Act of 1965.

1. During the performance of this contract, the contractor undertaking to do work which is, or reasonably may be, done as on-site work, shall give preference to qualified persons who regularly reside in the labor area as designated by the DOL wherein the contract work is situated, or the subregion, or the Appalachian counties of the State wherein the contract work is situated, except:

a. To the extent that qualified persons regularly residing in the area are not available.

b. For the reasonable needs of the contractor to employ supervisory or specially experienced personnel necessary to assure an efficient execution of the contract work.

c. For the obligation of the contractor to offer employment to present or former employees as the result of a lawful collective bargaining contract, provided that the number of nonresident persons employed under this subparagraph (1c) shall not exceed 20 percent of the total number of employees employed by the contractor on the contract work, except as provided in subparagraph (4) below.

2. The contractor shall place a job order with the State Employment Service indicating (a) the classifications of the laborers, mechanics and other employees required to perform the contract work, (b) the number of employees required in each classification, (c) the date on which the participant estimates such employees will be required, and (d) any other pertinent information required by the State Employment Service to complete the job order form. The job order may be placed with the State Employment Service in writing or by telephone. If during the course of the contract work, the information submitted by the contractor in the original job order is substantially modified, the participant shall promptly notify the State Employment Service.

3. The contractor shall give full consideration to all qualified job applicants referred to him by the State Employment Service. The contractor is not required to grant employment to any job applicants who, in his opinion, are not qualified to perform the classification of work required.

4. If, within one week following the placing of a job order by the contractor with the State Employment Service, the State Employment Service is unable to refer any qualified job applicants to the contractor, or less than the number requested, the State Employment Service will forward a certificate to the contractor indicating the unavailability of applicants. Such certificate shall be made a part of the contractor's permanent project records. Upon receipt of this certificate, the contractor may employ persons who do not normally reside in the labor area to fill positions covered by the certificate, notwithstanding the provisions of subparagraph (1c) above.

5. The provisions of 23 CFR 633.207(e) allow the contracting agency to provide a contractual preference for the use of mineral resource materials native to the Appalachian region.

6. The contractor shall include the provisions of Sections 1 through 4 of this Attachment A in every subcontract for work which is, or reasonably may be, done as on-site work.

KENTUCKY TRANSPORTATION CABINET
DEPARTMENT OF HIGHWAYS

EMPLOYMENT REQUIREMENTS
RELATING TO
NONDISCRIMINATION OF EMPLOYEES
(APPLICABLE TO FEDERAL-AID SYSTEM CONTRACTS)

AN ACT OF THE KENTUCKY GENERAL ASSEMBLY TO PREVENT DISCRIMINATION IN EMPLOYMENT

KRS CHAPTER 344
EFFECTIVE JUNE 16, 1972

The contract on this project, in accordance with KRS Chapter 344, provides that during the performance of this contract, the contractor agrees as follows:

1. The contractor shall not fail or refuse to hire, or shall not discharge any individual, or otherwise discriminate against an individual with respect to his compensation, terms, conditions, or privileges of employment, because of such individual's race, color, religion, national origin, sex, disability or age (forty and above); or limit, segregate, or classify his employees in any way which would deprive or tend to deprive an individual of employment opportunities or otherwise adversely affect his status as an employee, because of such individual's race, color, religion, national origin, sex, disability or age forty (40) and over. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.

2. The contractor shall not print or publish or cause to be printed or published a notice or advertisement relating to employment by such an employer or membership in or any classification or referral for employment by the employment agency, indicating any preference, limitation, specification, or discrimination, based on race, color, religion, national origin, sex, or age forty (40) and over, or because the person is a qualified individual with a disability, except that such a notice or advertisement may indicate a preference, limitation, or specification based on religion, national origin, sex, or age forty (40) and over, or because the person is a qualified individual with a disability, when religion, national origin, sex, or age forty (40) and over, or because the person is a qualified individual with a disability, is a bona fide occupational qualification for employment.

3. If the contractor is in control of apprenticeship or other training or retraining, including on-the-job training programs, he shall not discriminate against an individual because of his race, color, religion, national origin, sex, disability or age forty (40) and over, in admission to, or employment in any program established to provide apprenticeship or other training.

4. The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representative of the contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment. The contractor will take such action with respect to any subcontract or purchase order as the administrating agency may direct as a means of enforcing such provisions, including sanctions for non-compliance.

Revised: January 25, 2017

Standard Title VI/Non-Discrimination Assurances

During the performance of this contract, the contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "contractor") agrees as follows:

1. **Compliance with Regulations:** The contractor (hereinafter includes consultants) will comply with the Acts and the Regulations relative to Non-discrimination in Federally-assisted programs of the U.S. Department of Transportation, **Federal Highway Administration**, as they may be amended from time to time, which are herein incorporated by reference and made a part of this contract.

2. **Non-discrimination:** The contractor, with regard to the work performed by it during the contract, will not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The contractor will not participate directly or indirectly in the discrimination prohibited by the Acts and the Regulations, including employment practices when the contract covers any activity, project, or program set forth in Appendix B of 49 CFR Part 21.

3. **Solicitations for Subcontracts, Including Procurements of Materials and Equipment:** In all solicitations, either by competitive bidding, or negotiation made by the contractor for work to be performed under a subcontract, including procurements of materials, or leases of equipment, each potential subcontractor or supplier will be notified by the contractor of the contractor's obligations under this contract and the Acts and the Regulations relative to Non-discrimination on the grounds of race, color, or national origin.

4. **Information and Reports:** The contractor will provide all information and reports required by the Acts, the Regulations, and directives issued pursuant thereto and will permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the Recipient or the **Federal Highway Administration** to be pertinent to ascertain compliance with such Acts, Regulations, and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish the information, the contractor will so certify to the Recipient or the **Federal Highway Administration**, as appropriate, and will set forth what efforts it has made to obtain the information.

5. **Sanctions for Noncompliance:** In the event of a contractor's noncompliance with the Non-discrimination provisions of this contract, the Recipient will impose such contract sanctions as it or the **Federal Highway Administration** may determine to be appropriate, including, but not limited to:

    a. withholding payments to the contractor under the contract until the contractor complies; and/or
    b. cancelling, terminating, or suspending a contract, in whole or in part.

6. **Incorporation of Provisions:** The contractor will include the provisions of paragraphs one through six in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Acts, the Regulations and directives issued pursuant thereto. The contractor will take action with respect to any subcontract or procurement as the Recipient or the **Federal Highway Administration** may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, that if the contractor becomes involved in, or is threatened with litigation by a subcontractor, or supplier because of such direction, the contractor may request the Recipient to enter into any litigation to protect the interests of the Recipient. In addition, the contractor may request the United States to enter into the litigation to protect the interests of the United States.

Standard Title VI/Non-Discrimination Statutes and Authorities

During the performance of this contract, the contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "contractor") agrees to comply with the following non-discrimination statutes and authorities; including but not limited to:

- Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d *et seq.*, 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin); and 49 CFR Part 21;
- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- Federal-Aid Highway Act of 1973, (23 U.S.C. § 324 *et seq.*), (prohibits discrimination on the basis of sex);
- Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 *et seq.*), as amended, (prohibits discrimination on the basis of disability); and 49 CFR Part 27;
- The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 *et seq.*), (prohibits discrimination on the basis of age);
- Airport and Airway Improvement Act of 1982, (49 USC § 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex);
- The Civil Rights Restoration Act of 1987, (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms "programs or activities" to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not);
- Titles II and III of the Americans with Disabilities Act, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131 -- 12189) as implemented by Department of Transportation regulations at 49 C.F.R. parts 37 and 38;
- The Federal Aviation Administration's Non-discrimination statute (49 U.S.C. § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex);
- Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures non-discrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations;
- Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100);
- Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. 1681 et seq).

EXECUTIVE BRANCH CODE OF ETHICS

In the 1992 regular legislative session, the General Assembly passed and Governor Brereton Jones signed Senate Bill 63 (codified as KRS 11A), the Executive Branch Code of Ethics, which states, in part:

KRS 11A.040 (7) provides:

No present or former public servant shall, within six (6) months following termination of his office or employment, accept employment, compensation, or other economic benefit from any person or business that contracts or does business with, or is regulated by, the state in matters in which he was directly involved during the last thirty-six (36) months of his tenure. This provision shall not prohibit an individual from returning to the same business, firm, occupation, or profession in which he was involved prior to taking office or beginning his term of employment, or for which he received, prior to his state employment, a professional degree or license, provided that, for a period of six (6) months, he personally refrains from working on any matter in which he was directly involved during the last thirty-six (36) months of his tenure in state government. This subsection shall not prohibit the performance of ministerial functions, including but not limited to filing tax returns, filing applications for permits or licenses, or filing incorporation papers, nor shall it prohibit the former officer or public servant from receiving public funds disbursed through entitlement programs.

KRS 11A.040 (9) states:

A former public servant shall not represent a person or business before a state agency in a matter in which the former public servant was directly involved during the last thirty-six (36) months of his tenure, for a period of one (1) year after the latter of:

a) The date of leaving office or termination of employment; or
b) The date the term of office expires to which the public servant was elected.

This law is intended to promote public confidence in the integrity of state government and to declare as public policy the idea that state employees should view their work as a public trust and not as a way to obtain private benefits.

If you have worked for the executive branch of state government within the past six months, you may be subject to the law's prohibitions. The law's applicability may be different if you hold elected office or are contemplating representation of another before a state agency.

Also, if you are affiliated with a firm which does business with the state and which employs former state executive-branch employees, you should be aware that the law may apply to them.

In case of doubt, the law permits you to request an advisory opinion from the Executive Branch Ethics Commission, 3 Fountain Place, Frankfort, Kentucky 40601; telephone (502) 564-7954.

Revised: January 27, 2017

General Decision Number: KY20220107 01/07/2022

Superseded General Decision Number: KY20210107

State: Kentucky

Construction Type: Highway

Counties: Adair, Barren, Bell, Breathitt, Casey, Clay, Clinton, Cumberland, Estill, Floyd, Garrard, Green, Harlan, Hart, Jackson, Johnson, Knott, Knox, Laurel, Lawrence, Lee, Leslie, Letcher, Lincoln, Magoffin, Martin, McCreary, Menifee, Metcalfe, Monroe, Morgan, Owsley, Perry, Pike, Powell, Pulaski, Rockcastle, Russell, Taylor, Wayne, Whitley and Wolfe Counties in Kentucky.

HIGHWAY CONSTRUCTION PROJECTS

Note: Contracts subject to the Davis-Bacon Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658. Please note that these Executive Orders apply to covered contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but do not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60).

If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022, Executive Order 14026 generally applies to the contract. The contractor must pay all covered workers at least $15.00 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on that contract in 2022.

If the contract was awarded on or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022, Executive Order 13658 generally applies to the contract. The contractor must pay all covered workers at least $11.25 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on that contract in 2022.

The applicable Executive Order minimum wage rate will be adjusted annually. If this contract is covered by one of the Executive Orders and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must still submit a conformance request.

Additional information on contractor requirements and worker protections under the Executive Orders is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/07/2022

SUKY2015-047 10/20/2015

	Rates	Fringes
BOILERMAKER	$ 24.65	12.94
BRICKLAYER		
Bricklayer	$ 22.90	8.50
Stone Mason	$ 21.50	8.50
CARPENTER		
Carpenter	$ 24.90	14.50
Piledriver	$ 24.55	14.50
CEMENT MASON	$ 21.25	8.50
ELECTRICIAN		
Electrician	$ 29.36	10.55
Equipment Operator	$ 26.90	10.31
Groundsman	$ 17.79	8.51
Lineman	$ 30.09	10.94

When workmen are required to work from bosum chairs, trusses, stacks, tanks, scaffolds, catwalks, radio and T.V. towers, structural steel (open, unprotected, unfloored raw steel), and bridges or similar hazardous locations where workmen are subject to fall, except where using JLG's and bucket trucks up to 75 feet: Add 25% to workman's base rate for 50 to 75 feet, and add 50% to workman's base rate for over 75 feet.

IRONWORKER	$ 27.56	20.57
LABORER		
Group 1	$ 21.80	12.36
Group 2	$ 22.05	12.36
Group 3	$ 22.10	12.36
Group 4	$ 22.70	12.36

GROUP 1: Aging and Curing of Concrete (Any Mode or Method), Asbestos Abatement Worker, Asphalt Plant Laborers, Asphalt Laborers, Batch Truck Dumpers, Carpenter Tenders, Cement Mason Tenders, Cleaning of Machines, Concrete Laborers, Demolition Laborers, Dredging Laborers, Drill Tender, Environmental Laborer - Nuclear, Radiation, Toxic and Hazardous Waste - Level D, Flagmen, Grade Checkers, All Hand Digging and Hand Back Filling, Highway Marker Placers, Landscaping Laborers, Mesh Handlers and Placers, Puddler, Railroad Laborers, Rip-rap and Grouters, Right of Way Laborers, Sign, Guard Rail and Fence Installers (All Types), Signalmen, Sound Barrier Installer, Storm and Sanitary Sewer Laborers, Swampers, Truck Spotters and Dumpers, Wrecking of Concrete Forms, General Cleanup

GROUP 2: Batter Board Men (Sanitary and Storm Sewer), Brickmason Tenders, Mortar Mixer Operator, Scaffold Builders, Burner and Welder, Bushammers, Chain Saw Operator, Concrete Saw Operators, Deckhand Scow Man, Dry Cement Handlers,

Environmental Laborers - Nuclear, Radiation, Toxic and Hazardous Waste - Level C, Forklift Operators for Masonry, Form Setters, Green Concrete Cutting, Hand Operated Grouter and Grinder Machine Operator, Jack Hammers, Lead Paint Abatement, Pavement Breakers, Paving Joint Machine, Pipe Layers - Laser Operators (Non-metallic), Plastic Pipe Fusion, Power Driven Georgia Buggy and Wheel Barrow, Power Post Hole Diggers, Precast Manhole Setters, Walk-behind Tampers, Walk-behind Trenchers, Sand Blasters, Concrete Chippers, Surface Grinders, Vibrator Operators, Wagon Drillers

GROUP 3: Air Track Driller (All Types), Asphalt Luteman and Rakers, Gunnite Nozzleman, Gunnite Operators and Mixers, Grout Pump Operator, Powderman and Blaster, Side Rail Setters, Rail Paved Ditches, Screw Operators, Tunnel Laborers (Free Air), Water Blasters

GROUP 4: Caisson Workers (Free Air), Cement Finishers, Environmental Laborer - Nuclear, Radiation, Toxic and Hazardous Waste - Level A and B, miners and Drillers (Free Air), Tunnel Blasters, and Tunnel Mockers (Free Air), Directional and Horizontal Boring, Air Track Drillers (All Types), Powder Man and Blasters, Troxler and Concrete Tester if Laborer is Utilized

PAINTER		
All Excluding Bridges	$ 19.92	9.57
Bridges	$ 23.92	10.07
PLUMBER	$ 22.52	7.80
POWER EQUIPMENT OPERATOR:		
Group 1	$ 29.95	14.40
Group 2	$ 29.95	14.40
Group 3	$ 27.26	14.40
Group 4	$ 26.96	14.40

GROUP 1: Auto Patrol, Batcher Plant, Bituminous Paver, Cable-Way, Clamshell, Concrete Mixer (21 cu ft or over), Concrete Pump, Crane, Crusher Plant, Derrick, Derrick Boat, Ditching and Trenching Machine, Dragline, Dredge Engineer, Elevator (regardless of ownership when used for hoisting any building material), Elevating Grader and all types of Loaders, Hoe-type Machine, Hoisting Engine, Locomotive, LeTourneau or Carry-all Scoop, Bulldozer, Mechanic, Orangepeel Bucket, Piledriver, Power Blade, Roller (Bituminous), Roller (Earth), Roller (Rock), Scarifier, Shovel, Tractor Shovel, Truck Crane, Well Point, Winch Truck, Push Dozer, Grout Pump, High Lift, Fork Lift (regardless of lift height), all types of Boom Cats, Multiple Operator, Core Drill, Tow or Push Boat, A-Frame Winch Truck, Concrete Paver, Grade-All, Hoist, Hyster, Material Pump, Pumpcrete, Ross Carrier, Sheepfoot, Sideboom, Throttle-Valve Man, Rotary Drill, Power Generator, Mucking Machine, Rock Spreader attached to Equipment, Scoopmobile, KeCal Loader, Tower Cranes,(French, German and other types), Hydrocrane, Tugger, Backfiller Gurries, Self-propelled Compactor, Self-Contained Hydraulic Percussion Drill

GROUP 2: All Air Compressors (200 cu ft/min or greater), Bituminous Mixer, Concrete Mixer (21 cu. ft. or over), Welding Machine, Form Grader, Tractor (50 hp and over), Bull Float, Finish Machine, Outboard Motor Boat, Brakeman, Mechanic Tender, Whirly Oiler, Tract-air, Road Widening Trencher, Articulating Trucks

GROUP 3: Greaser on Grease Facilities servicing Heavy Equipment

GROUP 4: Bituminous Distributor, Cement Gun, Conveyor, Mud Jack, Paving Joint Machine, Pump, Tamping Machine, Tractor (under 50 hp), Vibrator, Oiler, Air Compressor (under 200 cu ft per minute), Concrete Saw, Burlap and Curing Machine, Hydro Seeder, Power Form Handling Equipment, Deckhand Oiler, Hydraulic Post Driver

SHEET METAL WORKER	$ 20.40	7.80
TRUCK DRIVER		
Driver (3 Tons and Over), Driver (Truck Mounted Rotary Drill)	$ 23.74	14.50
Driver (3 Tons and Under), Tire Changer and Truck Mechanic Tender	$ 23.53	14.50
Driver (Semi-Trailer or Pole Trailer), Driver (Dump Truck, Tandem Axle), Driver of Distributor	$ 23.40	14.50
Driver on Mixer Trucks (All Types)	$ 23.45	14.50
Driver on Pavement Breakers	$ 23.55	14.50
Driver, Euclid and Other Heavy Earth Moving Equipment and Low Boy	$ 24.31	14.50
Driver, Winch Truck and A-Frame when used in Transporting Materials	$ 23.30	14.50
Greaser on Greasing Facilities	$ 24.40	14.50
Truck Mechanic	$ 23.50	14.50
Truck Tender and Warehouseman	$ 23.20	14.50

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

==========

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this

contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union, which prevailed in the survey for this classification, which in this example would be Plumbers 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and

the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

* an existing published wage determination
* a survey underlying a wage determination
* a Wage and Hour Division letter setting forth a position on a wage determination matter
* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Division National Office Branch of Wage Surveys. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the

Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

==========

END OF GENERAL DECISION

Fringe benefit amounts are applicable for all hours worked except when otherwise noted.

No laborer, workman or mechanic shall be paid at a rate less than that of a Journeyman except those classified as bona fide apprentices.

Apprentices or trainees shall be permitted to work as such subject to Administrative Regulations adopted by the Commissioner of Workplace Standards. Copies of these regulations will be furnished upon request from any interested person.

Before using apprentices on the job the contractor shall present to the Contracting Officer written evidence of registration of such employees in a program of a State apprenticeship and training agency approved and recognized by the U. S. Bureau of Apprenticeship and Training. In the absence of such a State agency, the contractor shall submit evidence of approval and registration by the U. S. Bureau of Apprenticeship and Training.

The contractor shall submit to the Contracting Officer, written evidence of the established apprenticeship-journeyman ratios and wage rates in the project area, which will be the basis for establishing such ratios and rates for the project under the applicable contract provisions.

TO: EMPLOYERS/EMPLOYEES

PREVAILING WAGE SCHEDULE:

The wages indicated on this wage schedule are the least permitted to be paid for the occupations indicated. When an employee works in more than one classification, the employer must record the number of hours worked in each classification at the prescribed hourly base rate.

OVERTIME:

Overtime is to be paid to an employee at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty (40) hours in such workweek. Wage violations or questions should be directed to the designated Engineer or the undersigned.

Director
Division of Construction Procurement
Frankfort, Kentucky 40622
502-564-3500

NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION TO ENSURE EQUAL EMPLOYMENT OPPORTUNITY (Executive Order 11246)

1. The Offeror's or Bidder's attention is called to the "Equal Opportunity Clause" and the "Standard Federal Equal Employment Specifications" set forth herein.

2. The goals and timetables for minority and female participation, expressed in percentage terms for the Contractor's aggregate work force in each trade on all construction work in the covered area, are as follows:

GOALS FOR MINORITY PARTICIPATION IN EACH TRADE	GOALS FOR FEMALE PARTICIPATION IN EACH TRADE
4.5%	6.9%

These goals are applicable to all the Contractor's construction work (whether or not it is Federal or federally-assisted) performed in the covered area. If the contractor performs construction work in a geographical area located outside of the covered area, it shall apply the goals established for such geographical area where the work is actually performed. With regard to this second area, the contractor also is subject to the goals for both its federally involved and non-federally involved construction.

The Contractor's compliance with the Executive Order and the regulations in CFR Part 60-4 shall be based on its implementation of the Equal Opportunity Clause, specific affirmative action obligations required by the specifications set forth in 41 CFR 60-4, 3(a), and its efforts to meet the goals. The hours of minority and female employment and training must be substantially uniform throughout the length of the contract, and in each trade, and the contractor shall make a good faith effort to employ minorities and women evenly on each of its projects. The transfer of minority or female employees or trainees from Contractor to Contractor or from project to project for the sole purpose of meeting the Contractor's goals shall be a violation of the contract, the Executive Order and the regulations in 41 CFR Part 60-4. Compliance with the goals will be measured against the total work hours performed.

3. The Contractor shall provide written notification to the Director of the Office of Federal Contract Compliance Programs within ten (10) working days of award of any construction subcontract in excess of $10,000.00 at any tier for construction work under the contract resulting from this solicitation. The notification shall list the name, address and telephone number of the subcontractor; employer identification number of the subcontractor; estimated dollar amount of the subcontract; estimated starting and completion dates of the subcontract; and the geographical area in which the subcontract is to be performed. The notification shall be mailed to:

Evelyn Teague, Regional Director
Office of Federal Contract Compliance Programs
61 Forsyth Street, SW, Suite 7B75
Atlanta, Georgia 30303-8609

4. As used in this Notice, and in the contract resulting from this solicitation, the **"covered area"** is Whitley County.

PART IV

INSURANCE

Refer to
Kentucky Standard Specifications for Road and Bridge Construction,
current edition

PART V

BID ITEMS

224303

PROPOSAL BID ITEMS

Report Date 1/24/22

Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00001		DGA BASE	3,653.00	TON		$	
0020	00003		CRUSHED STONE BASE	1,489.00	TON		$	
0030	00100		ASPHALT SEAL AGGREGATE	20.40	TON		$	
0040	00103		ASPHALT SEAL COAT	2.45	TON		$	
0050	00212		CL2 ASPH BASE 1.00D PG64-22	39.00	TON		$	
0060	00214		CL3 ASPH BASE 1.00D PG64-22	629.00	TON		$	
0070	00301		CL2 ASPH SURF 0.38D PG64-22	20.00	TON		$	
0080	00356		ASPHALT MATERIAL FOR TACK	1.30	TON		$	
0090	02084		JPC PAVEMENT-8 IN	6,356.00	SQYD		$	
0100	22906ES403		CL3 ASPH SURF 0.38A PG64-22	156.00	TON		$	

Section: 0002 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0110	01812		REMOVE CURB AND GUTTER	1,365.00	LF		$	
0120	01820		LIP CURB AND GUTTER	1,668.00	LF		$	
0130	01945		MOUNTABLE MEDIAN TYPE 1A	1,277.00	SQYD		$	
0140	02014		BARRICADE-TYPE III	4.00	EACH		$	
0150	02159		TEMP DITCH	1,096.00	LF		$	
0160	02160		CLEAN TEMP DITCH	548.00	LF		$	
0170	02200		ROADWAY EXCAVATION	3,520.00	CUYD		$	
0180	02242		WATER	55.00	MGAL		$	
0190	02483		CHANNEL LINING CLASS II	82.00	TON		$	
0200	02545		CLEARING AND GRUBBING (APPROX 2.4 ACRES)	1.00	LS		$	
0210	02650		MAINTAIN & CONTROL TRAFFIC (WHITLEY US 25W LEFT TURN LANE)	1.00	LS		$	
0220	02650		MAINTAIN & CONTROL TRAFFIC (WHITLEY US 25W ROUNDABOUTS)	1.00	LS		$	
0230	02671		PORTABLE CHANGEABLE MESSAGE SIGN	6.00	EACH		$	
0240	02701		TEMP SILT FENCE	3,176.00	LF		$	
0250	02703		SILT TRAP TYPE A	3.00	EACH		$	
0260	02704		SILT TRAP TYPE B	5.00	EACH		$	
0270	02705		SILT TRAP TYPE C	5.00	EACH		$	
0280	02706		CLEAN SILT TRAP TYPE A	3.00	EACH		$	
0290	02707		CLEAN SILT TRAP TYPE B	5.00	EACH		$	
0300	02708		CLEAN SILT TRAP TYPE C	5.00	EACH		$	
0310	02726		STAKING (WHITLEY US 25W LEFT TURN LANE)	1.00	LS		$	
0320	02726		STAKING (WHITLEY US 25W ROUNDABOUTS)	1.00	LS		$	
0330	04934		TEMP SIGNAL MULTI PHASE	1.00	EACH		$	
0340	05950		EROSION CONTROL BLANKET	160.00	SQYD		$	
0350	05952		TEMP MULCH	7,639.00	SQYD		$	
0360	05953		TEMP SEEDING AND PROTECTION	5,729.00	SQYD		$	
0370	05963		INITIAL FERTILIZER	.30	TON		$	
0380	05964		MAINTENANCE FERTILIZER	.20	TON		$	

224303

PROPOSAL BID ITEMS

Report Date 1/24/22

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0390	05985		SEEDING AND PROTECTION	3,665.00	SQYD		$	
0400	05992		AGRICULTURAL LIMESTONE	2.37	TON		$	
0410	06427		TRENCHING	2,080.00	LF		$	
0420	06510		PAVE STRIPING-TEMP PAINT-4 IN	18.00	LF		$	
0430	06511		PAVE STRIPING-TEMP PAINT-6 IN	4,161.00	LF		$	
0440	06514		PAVE STRIPING-PERM PAINT-4 IN	18.00	LF		$	
0450	06542		PAVE STRIPING-THERMO-6 IN W	1,595.00	LF		$	
0460	06543		PAVE STRIPING-THERMO-6 IN Y	2,570.00	LF		$	
0470	06549		PAVE STRIPING-TEMP REM TAPE-B	1,500.00	LF		$	
0480	06550		PAVE STRIPING-TEMP REM TAPE-W	4,500.00	LF		$	
0490	06551		PAVE STRIPING-TEMP REM TAPE-Y	4,500.00	LF		$	
0500	06556		PAVE STRIPING-DUR TY 1-6 IN W	3,495.00	LF		$	
0510	06557		PAVE STRIPING-DUR TY 1-6 IN Y	4,635.00	LF		$	
0520	06560		PAVE STRIPING-DUR TY 1-12 IN W (OPTICAL SPEED BARS)	132.00	LF		$	
0530	06568		PAVE MARKING-THERMO STOP BAR-24IN	28.00	LF		$	
0540	06573		PAVE MARKING-THERMO STR ARROW	1.00	EACH		$	
0550	06574		PAVE MARKING-THERMO CURV ARROW	7.00	EACH		$	
0560	10020NS		FUEL ADJUSTMENT	37,641.00	DOLL	$1.00	$	$37,641.00
0570	10030NS		ASPHALT ADJUSTMENT	91,632.00	DOLL	$1.00	$	$91,632.00
0580	20191ED		OBJECT MARKER TY 3	2.00	EACH		$	
0590	22520EN		PAVE MARKING-THERMO YIELD BAR-36 IN (TYPE 1 TAPE)	68.00	LF		$	
0600	22680EN		QWICK CURB MEDIAN SEPARATOR	160.00	LF		$	
0610	23253ES717		PAVE MARK TY 1 TAPE CROSS-HATCH	3,682.00	SQFT		$	
0620	23254ES717		PAVE MARK TY 1 TAPE DOTTED LANE EXT	162.00	LF		$	
0630	23269ES717		PAVE MARK TY 1 TAPE-COMBO ARROW	8.00	EACH		$	
0640	23269ES717		PAVE MARK TY 1 TAPE-COMBO ARROW (SPECIAL FISH HOOK)	6.00	EACH		$	
0650	23379EC		STAMPED CONCRETE (TRUCK APRON, STAMPED & DYED)	805.00	SQYD		$	
0660	24097EC		THERMO RUMBLE STRIPS TY 2	148.00	LF		$	

Section: 0003 - DRAINAGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0670	00461		CULVERT PIPE-15 IN	17.00	LF		$	
0680	00462		CULVERT PIPE-18 IN	35.00	LF		$	
0690	01310		REMOVE PIPE	90.00	LF		$	
0700	01559		DROP BOX INLET TYPE 13G	5.00	EACH		$	
0710	01689		FLUME INLET TYPE 1 MOD	2.00	EACH		$	
0720	01718		REMOVE INLET	11.00	EACH		$	
0730	01726		SAFETY BOX INLET-18 IN SDB-1	2.00	EACH		$	
0740	02625		REMOVE HEADWALL	9.00	EACH		$	
0750	24575ES610		HEADWALL (SLOPED & MITERED CONCRETE HEADWALL FOR 18 IN PIPE)	1.00	EACH		$	

Section: 0004 - SIGNING

224303

PROPOSAL BID ITEMS

Report Date 1/24/22

Section: 0004 - SIGNING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0760	02562		TEMPORARY SIGNS	705.00	SQFT		$	
0770	06406		SBM ALUM SHEET SIGNS .080 IN	286.00	SQFT		$	
0780	06407		SBM ALUM SHEET SIGNS .125 IN	180.20	SQFT		$	
0790	06410		STEEL POST TYPE 1	522.00	LF		$	
0800	21373ND		REMOVE SIGN	38.00	EACH		$	
0810	21596ND		GMSS TYPE D	12.00	EACH		$	
0820	21596ND		GMSS TYPE D (SURFACE MOUNT)	4.00	EACH		$	
0830	21813NN		REMOVE AND RELOCATE SHEET SIGNS	3.00	EACH		$	
0840	24631EC		BARCODE SIGN INVENTORY	101.00	EACH		$	

Section: 0005 - GUARDRAIL

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0850	01987		DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	36.00	EACH		$	
0860	02360		GUARDRAIL TERMINAL SECTION NO 1	6.00	EACH		$	
0870	02363		GUARDRAIL CONNECTOR TO BRIDGE END TY A	4.00	EACH		$	
0880	02367		GUARDRAIL END TREATMENT TYPE 1	8.00	EACH		$	
0890	02381		REMOVE GUARDRAIL	3,107.00	LF		$	
0900	21802EN		G/R STEEL W BEAM-S FACE (7 FT POST)	2,863.00	LF		$	

Section: 0006 - DEMOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0910	02569		DEMOBILIZATION	1.00	LS		$	