



Project Manual

East University Drive and Summertrees Drive Culvert Replacement

Project Manager: Holland Daniel, 334.501.7390

City of Auburn
Engineering Services Department
161 N. Ross Street
Auburn, Alabama 36830

NOT FOR BIDDING PURPOSES

**EAST UNIVERSITY DRIVE AND
SUMMERTREES DRIVE CULVERT REPLACEMENT**

TABLE OF CONTENTS

INVITATION TO BID
INSTRUCTIONS TO BIDDERS
PROPOSAL
PROPOSAL BOND
BASE BID/QUANTITIES
CONTRACT
PERFORMANCE BOND
LABOR AND MATERIALS BOND

SPECIAL CONDITIONS

PROJECT DESCRIPTION 01
TIME OF COMPLETION 02
LIQUIDATED DAMAGES 03
LICENSE FEE 04
WORK TO BE DONE 05
SAFETY 06
ENVIRONMENTAL 07
PROJECT PROGRESS SCHEDULE 08
RECORD DOCUMENTS 09

MEASUREMENT & PAYMENT

CLEARING AND GRUBBING (MAX. ALLOWABLE \$4,000/ACRE) (APPROX. 1 ACRE)..... 01
REMOVING ASPHALT AND CONCRETE PAVEMENT 02
REMOVING 10' X 7' CORRUGATED METAL PIPE 03
REMOVING 18" CONCRETE PIPE 04
REMOVING 24" CONCRETE PIPE 05
REMOVING CONCRETE CURB AND GUTTER 06
REMOVING EXISTING INLET 07
REMOVING JUNCTION BOXES 08

NOT FOR BIDDING PURPOSES

UNCLASSIFIED EXCAVATION (APPROXIMATELY 380 CUBIC YARDS).....	09
BORROW EXCAVATION (UNDERWATER BACKFILL) #57.....	10
CRUSHED AGGREGATE BASE COURSE, TYPE B (4" THICK).....	11
CRUSHED AGGREGATE BASE COURSE, TYPE B, (9" THICK).....	12
COARSE AGGREGATE, SECTION 801, FOR MISCELLANEOUS USE (ALDOT #2).....	13
BITUMINOUS TREATMENT A.....	14
SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 3/8" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (1" THICK).....	15
SUPERPAVE BITUMINOUS CONCRETE BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (4" THICK).....	16
MILLING (1" THICK).....	17
STEEL REINFORCEMENT.....	18
CULVERT CONCRETE.....	19
18" REINFORCED CONCRETE PIPE.....	20
24" REINFORCED CONCRETE PIPE.....	21
MOBILIZATION.....	22
LOOSE RIPRAP, CLASS 2.....	23
FILTER BLANKET, GEOTEXTILE.....	24
CONCRETE DRIVEWAY (6" THICK).....	25
SINGLE WING INLET.....	26
DOUBLE WING INLET.....	27
COMBINATION CURB AND GUTTER.....	28
SEEDING AND MULCHING.....	29
SOLID SODDING (BERMUDA).....	30
TEMPORARY SEEDING AND MULCHING.....	31
TEMPORARY PIPE.....	32
TEMPORARY PIPE END TREATMENT.....	33
POLYETHYLENE.....	34
SAND BAGS.....	35
SILT FENCE.....	36
TEMPORARY COARSE AGGREGATE, ALDOT NUMBER 1.....	37
INLET PROTECTION, STAGE 3 OR 4.....	38
WATTLES.....	39
PEST CONTROL.....	40
CONSTRUCTION SAFETY FENCE.....	41
ENGINEERING CONTROLS.....	42

SOLID TRAFFIC STRIPE REMOVED (PAINT).....	43
SOLID TEMPORARY TRAFFIC STRIPE (5" WIDE).....	44
SOLID WHITE, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE).....	45
BROKEN YELLOW, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE).....	46
SOLID YELLOW, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE).....	47
BROKEN TRAFFIC STRIPE REMOVED (PAINT).....	48
TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A.....	49
REMOVAL OF EXISTING TRAFFIC CONTROL MARKINGS OR LEGENDS (PAINT).....	50
TEMPORARY TRAFFIC CONTROL MARKINGS.....	51
PAVEMENT MARKERS, CLASS C, TYPE 1-A.....	52
PAVEMENT MARKERS, CLASS C, TYPE 1-B.....	53
PAVEMENT MARKERS, CLASS A-H, TYPE 1-B.....	54
PORTABLE CONCRETE SAFETY BARRIER, TYPE 6.....	55
PORTABLE IMPACT ATTENUATOR.....	56
RELOCATION OF PEDESTAL POLE AND FOUNDATION WITH FLASHING BEACON (POLE 1).....	57
RELOCATION OF PEDESTAL POLE AND FOUNDATION WITH FLASHING BEACON (POLE 2).....	58
CONSTRUCTION SIGNS.....	59
CHANNELIZING DRUMS.....	60
CONES (36" HIGH).....	61
BARRICADES, TYPE III.....	62
PORTABLE SEQUENTIAL ARROW AND CHEVRON SIGN UNIT.....	63
PORTABLE CHANGEABLE MESSAGE SIGN, TYPE 2.....	64
COFFERDAM OR SHEETING AND SHORING.....	65
DUCTILE IRON PIPE WATER MAIN.....	66
DUCTILE IRON PIPE FITTINGS.....	67
14-INCH GATE VALVES.....	68
14-INCH CONCRETE THRUST COLLAR.....	69
CONNECT W/ SOLID SLEEVE.....	70
CLEAN-UP, TESTING AND DISINFECTION.....	71
BORROW EXCAVATION (APPROXIMATELY 255 CUBIC YARDS).....	72

APPENDIX A

EAST UNIVERSITY DRIVE AND SUMMERTREES DRIVE
CULVERT REPLACEMENT PLANS

CITY OF AUBURN STANDARD SPECIFICATIONS

Please go to <https://www.auburnalabama.org/engineering-services/standard-specifications/> for the City of Auburn Standard Specifications.

NOT FOR BIDDING PURPOSES



April 27, 2026

INVITATION TO BID

Please note, the City of Auburn is updating its online bid notification system to better communicate with those interested in bidding on City Projects. To receive notifications bidders need to register in the City's [Vendor Self Service \(VSS\) System](#).

Those already registered in VSS will need to add their NIGP commodity codes. Previously entered codes were removed from all vendor records in VSS during the system update. Please note, NIGP commodity codes are required for vendors to receive bid notifications.

Sealed bids will be received by the City of Auburn, Alabama, until 2:00 p.m., local time, on Tuesday, May 5, 2026, in the Office of the City Manager, 144 Tichenor Avenue, and then be publicly opened and read at the City Meeting Room, 122-B Tichenor Avenue, for furnishing all labor, materials and equipment necessary for the completion of the following project:

EAST UNIVERSITY DRIVE AND SUMMERTREES DRIVE CULVERT REPLACEMENT

The following approximate quantities (not complete list):

DESCRIPTION	UNIT	QUANTITY
CULVERT CONCRETE	CY	318
COARSE AGGREGATE, SEC 801 FOR MISC USE (ALDOT #2)	TON	275
REMOVING 10' X 7' CORRUGATED METAL PIPE	LIN FT	210
BORROW EXCAVATION (UNDERWATER BACKFILL) #57	TON	92
STEEL REINFORCEMENT	LB	55627
PORTABLE IMPACT ATTENUATOR	EACH	4
DUCTILE IRON PIPE WATER MAIN	LIN FT	165

Plans, specifications, and contract documents are available for viewing, free of charge, at www.auburnalabama.org/bids. Plans and specifications may be obtained by prime contractor bidders electronically at no charge via email by request. Please email webengineering@auburnal.gov for information on obtaining these plans and specifications. Please contact **Holland Daniel**, Project Manager, 334-501-7390 for additional project information.

Guarantee will be required with each bid as follows: At least five percent (not to exceed \$10,000) of the amount bid in the form of a certified or cashier's check or bid bond payable to the City of Auburn, Alabama.

Your attention in particular is invited to the section entitled "Instructions to Bidders", which is to be followed in all respects. The City reserves the right to select the lowest responsible bidder as the best interest of the City may require, to award the purchase contract from any of the bids, to reject any and all bids, and to waive any informalities in bids received. Bids will be good for thirty (30) days after being opened by the City of Auburn, Alabama.

Failure to complete the project (all pay items) within one hundred twenty (120) consecutive calendar days after the date specified in the Notice to Proceed may result in the assessment of liquidated damages in the amount of \$2,550.00 per calendar day for each day the contract remains incomplete.

All bidders are required to be compliant with the Beason-Hammon Alabama Taxpayer and Citizen Protection Act, Act No. 2011-535 (Code of Alabama (1975) § 21-13-9) as amended May 16, 2012 regarding employment practices. Documentation of enrollment in E-Verify should be included with the bid and will be required as a condition for the award of any contract. All bidders are advised that the award of the contract is conditioned on the bidder not knowingly employing, hiring for employment or continuing to employ an unauthorized alien within the State of Alabama. The awarded contract will contain a provision whereby the bidder pledges not to violate federal immigration law.

Legislative Act 2016-312 (the "Act") prohibits the City from entering into contracts with any business entity that is actively engaged in or plans to engage in the boycott of a person or an entity based in or doing business with a jurisdiction with which the State can enjoy open trade; unless such business entity provides the goods or services for at least 20 percent (20%) less than the lowest business entity in compliance with the Act. All bidders understand and agree that in the awarded contract, the lowest responsive bidder must either certify that it is in compliance with the Act and agree that it will not violate the act during the term of the contract; or agree to offer the goods or services for at least 20 percent (20%) less than the lowest business entity certifying compliance with the Act.

Bids must be submitted upon the standard forms furnished by the City of Auburn, Alabama. No bids may be withdrawn for a period of thirty (30) days after the scheduled closing time for the receipt of bids. A sealed envelope containing the original proposal and one (1) copy must be delivered or mailed to:

Purchasing Officer, City of Auburn
144 Tichenor Avenue
Auburn, Alabama 36830

The envelope should be plainly marked on the outside as follows:

BID: East University and Summertrees Drive Culvert Replacement
OPENING: 2:00 P.M., LOCAL TIME
DATE: TUESDAY, MAY 5, 2026
STATE LICENSE NO. _____

Documentation of the issuance of a State contractor's license as required under Title 34, Chapter 8 of the Code of Alabama, 1975, shall be included with the bid proposal and shall be required as a requirement of the award of the contract. State license number and expiration date should be clearly and plainly marked on the outside of the bid proposal envelope.

The successful bidder is responsible for acquiring the appropriate business licenses and permits to conduct work with the City of Auburn. In addition to the business license and permit requirements, the bidder is required to remit all applicable sales and use tax, occupational license fees, and contractors/subcontractors license fee in accordance with City ordinances and codes. In accordance with Section 39-3-5 of State Code, any non-Alabama bidders must submit a written opinion from an attorney stating the amount and criteria, if any, of local preference granted by law to non-resident businesses in his state of residence. Questions regarding business license and applicable taxes may be directed to the Revenue Office at (334) 501-7239.

Award of the contract, if to be awarded, will be made within thirty (30) calendar days after opening of bids and will be to the lowest responsible bidder whose proposal complies with the requirements of the Invitation to Bid. Should no award be made within the thirty (30) days, all proposals will be rejected unless the successful bidder agrees in writing to a stipulated extension in the time limit for award. The successful bidder will be notified by letter, mailed to the address shown on his proposal, that his bid has been accepted and that he has been awarded the contract.

The City of Auburn believes fully in equal opportunity in the provision of supplies, equipment, construction and services. Positive steps should be taken to assure small businesses, minority businesses and women-owned businesses are given opportunities to provide the above-mentioned services or materials when economically feasible. In the case of construction projects, the City of Auburn shall rely on individuals or firms seeking to do business with the City of Auburn to ensure that such above-mentioned businesses are given ample opportunity to participate on a sub-contractual basis.

The contractor agrees in all events to use materials, supplies and products manufactured, mined, processed or otherwise produced in the United States or its territories if the same are available at reasonable prices. If the contractor determines that said items are not available at a reasonable price, the contractor must first contact the City of Auburn and obtain approval for the use of other materials, supplies and products. In the event the contractor breaches the agreement to use domestic products, and domestic products are not used, there shall be a downward adjustment in the contract price equal to any realized savings or benefits to the

contractor.

Please note that the City of Auburn has a mandatory Partial Payment Request form that must be completed and submitted by the contractor before payment is considered. A copy of the required form is included in the "Information to Bidders". Payments are mailed on each Friday of the month. Pay requests must be reviewed and approved by the appropriate City representative

(architect, if applicable, inspector, project manager and department head) and received by Accounts Payable at least seven (7) days prior to the scheduled mailing date. The City of Auburn will process only one invoice per month for partial payment to the contractor. If you have any questions concerning billing, contact our accounts payable office at 334.501.7237 or 334.501.7238.

The Contractor will be required to provide certificates of insurance showing that it carries, or has in force, automobile liability insurance, general liability insurance and workers' compensation insurance. Limits of liability for automobile liability insurance shall be, at a minimum, \$1,000,000.00 combined single limit. Limits of liability for general liability insurance shall be, at a minimum, \$1,000,000.00 per occurrence, \$1,000,000.00 personal and advertising injury, \$1,000,000.00 general aggregate and \$1,000,000.00 products/completed operations aggregate. General liability insurance will include coverage for contractually assumed liability and explosion, collapse and underground hazards (X,C,&U). If any of the liability insurance coverages are on a claims-made basis, the Contractor will maintain coverage in force for a period of two (2) years following completion of the work specified in the agreement at the limits specified in this paragraph. Workers' compensation insurance shall provide statutory workers' compensation coverage and employers' liability coverage with limits of, at a minimum, \$500,000.00 each accident, \$500,000.00 disease- each employee and, \$500,000.00 disease – policy limit. The Contractor will be responsible for the payment of any deductibles or self-insured retentions. The Contractor's insurance is primary. If the Contractor carries higher coverage limits, the higher coverage limits will apply.

The certificate of insurance shall provide the City of Auburn, Alabama (City) with thirty (30) days written notice of cancellation of any of the coverage named in said certificate and waivers of subrogation in favor of the City for each of the coverages named on said certificate.

The City will be named as additional insured under the Contractor's general liability insurance and automobile liability insurance policies.

The Contractor shall require certificates of insurance from subcontractors. Subcontractors will carry limits of insurance equal to or greater than those carried by the Contractor. These certificates shall evidence waivers of subrogation in favor of the Contractor and the City, and shall be made available to the City upon request.

At the City's discretion, the Contractor may be required to have in force builder's risk coverage and/or higher liability limits than that mentioned above and/or broader coverage than normally

carried by the Contractor.

The Contractor agrees to indemnify, hold harmless, and defend the City, its officials, representatives, agents, servants, and employees from and against any and all claims, actions, lawsuits, damages, judgments, liability and expense, including attorneys' fees and litigation

expenses, in whole or in part arising out of, connected with, or in any way associated with the activities of the Contractor, its employees, or its sub-contractors in connection with the work to

be performed under this contract. This obligation survives the payment of any losses by the Contractor's insurance company.

Legal action arising from the performance of this contract will be filed in the Circuit Court of Lee County, Alabama located in Opelika, Alabama or the Federal District Court for the Middle District of Alabama – Eastern Division located in Opelika, Alabama. The contract will be interpreted according to the laws of the State of Alabama.

Questions concerning insurance coverage may be directed to the Risk Manager, McCarthy Autry at 334.501.7243.

CITY OF AUBURN, ALABAMA

Dawson Newman
Purchasing Officer

FOR SPECIFIC INFORMATION CONCERNING THIS PROJECT, PLEASE CONTACT **Holland Daniel** AT 334.501.7390.

NOT FOR BIDDING PURPOSES

INSTRUCTIONS TO BIDDERS

1. Contract Documents. The "Contract", "Invitation to Bid", the "Instruction to Bidders", the "Proposal", the "Base Bid", the "Special Conditions", the "Measurement and Payment", the "Performance Bond", and the "Labor and Material Payment Bond" make up the "Contract Documents". The Contractor must visit the location of the work and inform itself of all site conditions and make its own estimates of the facilities and difficulties attending the execution of the work.

2. Delivery of Proposals. Envelopes containing proposals must be sealed, addressed as follows, and sent First Class Mail or delivered to the Office of the City Manager, Auburn City Hall, 144 Tichenor Avenue, Suite 5, Auburn, Alabama 36830. The City assumes no responsibility for the delivery of a proposal by mail or otherwise.

The following note must be clearly shown on the face of the envelope:

EAST UNIVERSITY DRIVE AND SUMMERTREES DRIVE CULVERT REPLACEMENT

Bids will be opened on **Tuesday, May 5, 2026, 2:00 p.m., local time.**

3. Omissions and Discrepancies. Should a bidder find ambiguities or discrepancies in, or omissions from, the Drawings or Contract Documents, or should he be in doubt as to their meaning, he must at once notify the Engineer, who may send a written instruction to all bidders.

4. Acceptance or Rejection of Proposals. The City reserves the right to reject any or all Proposals. Without limiting the generality of the foregoing, any Proposal which contains incomplete, obscure or irregular material or information may be rejected; any Proposal which omits a Proposal on any one or more items in the price sheet may be rejected; any Proposal in which unit prices are omitted, or in which unit prices are obviously unbalanced, may be rejected; any Proposal accompanied by an insufficient or irregular Proposal bond, certified or cashier's check may be rejected.

5. Proposal Bond. All Proposals shall be accompanied by a Proposal bond or a certified or cashier's check upon a national or state bank, drawn and make payable to the order of the City of Auburn, Alabama. The Proposal bond or check must be enclosed in the same envelope with the Proposal. The amount of the Proposal bond or check will be at least five percent (5%) of the amount of Proposal (**not to exceed \$10,000.00**). All such Proposal bonds or checks will be returned to the respective bidders within ten **(10)** days after Proposals are opened, except those which the City elects to hold until the successful bidder has executed the Contract. Thereafter all remaining Proposal bonds and checks, including the Proposal bond or check of the successful bidder, will be returned within ten **(10)** days.

6. Acceptance of Proposals and Its Effect. All Proposals shall be Irrevocable for a period of thirty **(30)** days after proposal opening. Within thirty **(30)** days after the opening of the

Proposals, the City of Auburn will act upon them. The acceptance of a proposal will be a notice in writing signed by a duly authorized representative of the City of Auburn, and no other act of the City of Auburn shall constitute the acceptance of a Proposal. The acceptance of a Proposal shall bind the successful bidder to execute and perform the Contract and to be responsible for liquidated damages as provided in Paragraph 8. The rights and obligations provided for in the Contract shall become effective and binding upon the City of Auburn only upon its formal execution by the City of Auburn.

7. Time for Executing Contract and Damages for Failure to Execute. The bidder to whom the award is made shall enter into a written contract on the form included in the proposal, plans, and specifications, furnish a performance bond and payment bond executed by a surety company duly authorized and qualified to make such bonds in the State of Alabama in the amount required in Item 13 and provide evidence of insurance as required by the bid documents within the period specified or, if no period is specified, **within 15 days** after the prescribed forms have been presented to him or her for signature. If extenuating circumstances prevail, the awarding authority may grant an extension in time not exceeding five days for the return of the contract, required bonds and required evidence of insurance. Failure or neglect to do so shall constitute a breach of the agreement effected by the acceptance of the Proposal. The damages to the City for such breach shall include loss from interference with its construction program and other items whose accurate amount will be difficult or impossible to compute. The amount of the Proposal bond or certified or cashier's check accompanying the Proposal of such bidder shall be retained by the City of Auburn, Alabama as liquidated damages for such breach. In the event any bidder whose Proposal shall be accepted shall fail or refuse to execute the Contracts hereinbefore provided, the City Engineer of the City of Auburn may, at his option, determine that such bidder has abandoned the Contract and thereupon the City shall be entitled to liquidated damages as above provided.

8. Determination of Low Bidder. Except where the City exercises the right reserved herein to reject any oral proposals, the Contract will be awarded by the City to the bidder who has submitted the lowest Proposal determined by the sum of the following.

For a Lump Sum Proposal:

Base Proposal;

Algebraic sum of alternatives elected by City after opening of Proposals;

Amount of unit price work based on quantities given in proposal form or estimated by City or Engineer;

Amount of management fees called for in Proposal.

For a Unit Price Proposal:

Sums of unit price work based on quantities given in schedule;

Algebraic sum of alternatives elected by City after opening of Proposals;

Amount of management fees called for in Proposal.

The City reserves the right to accept or not accept any or none of the additive alternates as it determines is within its project budget. If an alternate bid is accepted, the base bid will be modified by that amount. Example: If Additive Alternate No. 1 is accepted by the City, then the total of Additive Alternate No. 1 plus the Base Bid shall be used to determine the apparent low bidder. If no Additive Alternate is accepted by the City, then only the Base Bid shall be used to determine the apparent low bidder.

9. Time for Beginning and Completing the Work. The Contractor shall include in the construction schedule an allowance for adverse weather based on the National Oceanic and Atmospheric Administration (NOAA) 30-year climatological normals for precipitation as recorded at Auburn University Regional Airport (KAUO), Auburn, Alabama.

No time extension will be granted for weather conditions at or below these established normals.

A time extension may be considered only when actual precipitation exceeds normal conditions, defined as either:

- (1) total monthly precipitation exceeding the NOAA normal by more than ten percent (10%), or
- (2) the number of days with measurable precipitation (≥ 0.01 inches) exceeding the NOAA average by more than two (2) days.

Any request for extension of time shall be supported by weather data from the designated station and must demonstrate an impact to the critical path of the Work as shown in the approved construction schedule.

10. Prices. In case of discrepancy between the prices quoted in the Proposal in words and those quoted in figures, the words shall control. The prices are to include the furnishing of all materials, plant, equipment, tools, scaffolds, and all other facilities, and the performance of all labor and services necessary or proper for the completion of the work, except such as may be otherwise expressly provided in the Contract Documents.

11. Interpretations and Addenda. No oral interpretations shall be made to any bidder as to the meaning of any of the Contract Documents, or be effective to modify any of the provisions of the Contract Documents. Every request for an interpretation shall be made in writing, addressed, and forwarded to the City Engineer of the City of Auburn, Alabama. All requests must be submitted at least 48 hours before the date and time of the bid opening. Requests for interpretations will not be accepted after that time.

12. Postponement of Date for Presenting and Opening Proposal. The City reserves the right to postpone the date for presentation and openings of Proposals and will give notice by

registered mail of any such postponement to each prospective bidder. Proposals shall be irrevocable for the period of any postponement of openings not to exceed thirty **(30)** days.

13. Bonds. Performance Bond will be required as follows: One hundred percent (100%) of the contract price. Labor and Material Bond will be required as follows: One hundred percent (100%) of the contract price.

14. Liquidated Damages. Time is of essence in this contract. The City will allow one hundred twenty **(120)** consecutive calendar days from the start date established by the written notice to proceed for completion of the project, and the Contractor will be subject to payment of Liquidated Damages in the amount of \$2,550.00 per calendar day for each day the contract remains incomplete (considering additional time which may be allowed the Contractor by the Engineer for completion of Extra Work) after the time allowed in the contract.

15. Informalities. The City reserves the right to reject any and all Proposals and to waive any informality in the Proposals received.

16. Business Licenses. Successful bidder must have or must purchase all appropriate Auburn City Business Licenses and Permits before beginning work.

17. Fair Labor Standards Act (FLSA). The contractor must abide by the requirements of the Federal Labor Standards Provisions Act.

18. Suppliers and Subcontractors. The low bidder must supply the names and addresses of major material suppliers and subcontractors before the Notice Award.

19. Progress Schedule. Within ten **(10)** days of delivery of the executed agreement by the City to the Contractor, Contractor shall submit to Engineer for approval a progress schedule indicating the starting and completion date of the various stages of the work and a preliminary schedule of shop drawings submissions. In addition, Contractor will submit a plan indicating his requirements for traffic control and pedestrian safety facilities.

20. Federal Immigration Law. By signing this contract, the contracting parties affirm, for the duration of the agreement, that they will not violate federal immigration law or knowingly employ, hire for employment, or continue to employ an unauthorized alien within the State of Alabama. Furthermore, a contracting party found to be in violation of this provision shall be deemed in breach of the agreement and shall be responsible for all damages resulting therefrom.

21. Retainage. In accordance with Alabama State Code Section 39-2-12(c), retainage shall be withheld at a rate of not more than 5% of the estimated amount of work done and the value of materials stored on the site or suitably stored and insured off-site, and after 50% completion has been accomplished no further retainage shall be withheld.

PROPOSAL

TO: CITY OF AUBURN, ALABAMA

Submitted: _____, 2026.

The undersigned, as Bidder, hereby declares that he has examined the site of the work and informed himself fully in regard to all conditions pertaining to the place where the work is to be done; that he has examined the plans and specifications for the work and contractual documents relative thereto; and has read all Special provisions furnished prior to the opening of bids; that he has satisfied himself relative to the work to be performed.

The Bidder proposes and agrees, if this proposal is accepted, to contract with the City of Auburn, Alabama, in the form of contract specified, to furnish all necessary materials, equipment, machinery, tools, apparatus, means of transportation, and labor necessary to and to complete

EAST UNIVERSITY DRIVE AND SUMMERTREES DRIVE CULVERT REPLACEMENT

in full and complete accordance with the shown, noted, described and reasonably intended requirements of the plans, specifications and contract documents, to the full and entire satisfaction of the City of Auburn, Alabama, with a definite understanding that no money will be allowed for extra work except as set forth in the attached General Conditions and Contract Documents, for the unit prices listed opposite each item in the attached schedule of estimated quantities and bid prices.

It is agreed that the description under each item, being briefly stated, implies, although it does not mention, all incidentals and that the prices stated are intended to cover all such work, materials and incidentals as constitute Bidder's obligations as described in the specifications and any details not specifically mentioned, but evidently included in the contract shall be compensated for in the item which most logically includes it.

The quantities for bid items listed on the proposal sheets are estimated quantities only for the purpose of comparing bids. Any difference between these estimated quantities and actual quantities required for construction shall not be taken as a basis for claims by the Contractor for extra compensation. Compensation will be based on the unit prices and actual construction quantities.

The Bidder further proposes and agrees hereby to commence the work with an adequate force, plant and equipment at the time stated in the notice to the Contractor from the Engineer to proceed and fully complete performance of the base bid work within **one hundred twenty (120)** or less consecutive calendar days from and after the date stated in said notice.

The undersigned further agrees that, in case of failure on his part to execute the said contract and the bonds within ten **(10)** consecutive calendar days after written notice being given of the award of the contract, the check or bid bond in the amount of 5%, (not to exceed \$10,000.00)

and the monies payable thereon, shall be paid into the funds of the City of Auburn, Alabama as liquidated damages for such failure; otherwise, the check or bid bond accompanying this proposal shall be returned to the undersigned.

Attached hereto is a certified or cashier's check on the _____

or bid bond for the sum of _____ dollars (\$_____)
(5% of AMOUNT BID (not to exceed \$10,000.00))

made payable to the City of Auburn, Alabama.

Base Bid: _____
(in words)

TOTAL LUMP SUM BID PRICE: \$ _____

EXCEPTIONS: If "none", so state here: _____
If any exceptions of Owner's specifications are offered, attach full explanations to this bid.

NOT FOR BIDDING PURPOSES

BY: _____

PRINTED NAME _____

TITLE _____

CONTRACTOR _____

ADDRESS: _____

CITY _____

STATE _____

CONTRACTOR'S LICENSE NUMBER

TELEPHONE NUMBER

PROPOSAL BOND

KNOW ALL MEN BY THESE PRESENTS, that we the undersigned, _____, as Principal, and _____, as Surety, are held and firmly bound to the City of Auburn, Alabama hereinafter called "Obligee" or "City" in the penal sum of _____ Dollars (\$ _____) for the payment of which we hereby jointly and severally bind ourselves, successors and assigns. Signed this the _____ day of _____, 2026

The Condition of the above obligation is such that whereas the Principal has submitted to the City a certain Proposal, attached hereto and hereby made a part hereof to enter into a Contract in writing, for the:

EAST UNIVERSITY DRIVE AND SUMMERTREES DRIVE CULVERT REPLACEMENT

THEREFORE,

- (a) If said Proposal shall be rejected, or in the alternative,
- (b) If said Proposal shall be accepted and the Principal shall execute and deliver the Contract attached hereto (properly completed in accordance with said Proposal) and shall furnish a bond for his faithful performance of said Contract, and for the payment of all persons performing labor or furnishing materials in connection therewith, and shall appear in all other respects perform the agreement created by the acceptance of said Proposal,

then this obligation shall be void, otherwise the same shall remain in force and effect; it being expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall in no event, exceed the penal amount of this obligation as herein stated.

The Surety, for value received, hereby stipulates and agrees that the obligations of said Surety and its bond shall in no way impaired or affected by an extension of the time within which the City may accept such Proposal; and said Surety does hereby waive notice of any such extension.

NOT FOR BIDDING PURPOSES

IN WITNESS WHEREOF, the Principal and Surety have hereunto set their hands and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, the day and year first set forth above.

PRINTED NAME OF CONTRACTOR

PRINTED NAME OF PRINCIPAL

SEAL

BY: _____

ITS: _____

SEAL

SURETY

BY: _____

ITS: _____

IMPORTANT: Surety companies executing bonds must appear on the Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the state where the project is located.

NOT FOR BIDDING PURPOSES

EAST UNIVERSITY DRIVE AND SUMMERTREES DRIVE CULVERT REPLACEMENT

BASE BID SCHEDULE OF ESTIMATED QUANTITIES AND BID PRICES

DESCRIPTION	UNITS	QTY	COST	TOTAL COST
01 CLEARING AND GRUBBING (MAX. ALLOWABLE \$4,000/ACRE) (APPROX. 1 ACRE)	LUMP SUM	1		
02 REMOVING ASPHALT AND CONCRETE PAVEMENT	SQ YD	33		
03 REMOVING 10' X 7' CORRUGATED METAL PIPE	LIN FT	210		
04 REMOVING 18" CONCRETE PIPE	LIN FT	10		
05 REMOVING 24" CONCRETE PIPE	LIN FT	92		
06 REMOVING CONCRETE CURB AND GUTTER	LIN FT	289		
07 REMOVING EXISTING INLET	EACH	2		
08 REMOVING JUNCTION BOXES	EACH	1		
09 UNCLASSIFIED EXCAVATION (APPROXIMATELY 380 CUBIC YARDS)	LUMP SUM	1		
10 BORROW EXCAVATION (UNDERWATER BACKFILL) #57	TON	92		
11 CRUSHED AGGREGATE BASE COURSE, TYPE B (4" THICK)	SQ YD	471		
12 CRUSHED AGGREGATE BASE COURSE, TYPE B (9" THICK)	SQ YD	398		
13 COARSE AGGREGATE, SECTION 801, FOR MISCELLANEOUS USE (ALDOT #2)	TON	275		
14 BITUMINOUS TREATMENT A	SQ YD	1266		
15 SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 3/8" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (1" THICK)	TON	149		
16 SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (4" THICK)	TON	187		
17 MILLING (1" THICK)	SQ YD	1849		
18 STEEL REINFORCEMENT	LB	55627		
19 CULVERT CONCRETE	CU YD	318		
20 18" REINFORCED CONCRETE PIPE	LIN FT	214		
21 24" REINFORCED CONCRETE PIPE	LIN FT	96		
22 MOBILIZATION	LUMP SUM	1		
23 LOOSE RIPRAP, CLASS 2	TON	276		

NOT FOR BIDDING PURPOSES

EAST UNIVERSITY DRIVE AND SUMMERTREES DRIVE CULVERT REPLACEMENT (CONTINUED)

**BASE BID
SCHEDULE OF ESTIMATED QUANTITIES AND BID PRICES**

DESCRIPTION	UNITS	QTY	COST	TOTAL COST
24 FILTER BLANKET, GEOTEXTILE	SQ YD	558		
25 CONCRETE DRIVEWAY, 6" THICK	SQ YD	33		
26 SINGLE WING INLET	EACH	4		
27 DOUBLE WING INLET	EACH	2		
28 COMBINATION CURB AND GUTTER	LIN FT	289		
29 SEEDING AND MULCHING	ACRE	1		
30 SOLID SODDING (BERMUDA)	SQ YD	1201		
31 TEMPORARY SEEDING AND MULCHING	ACRE	1		
32 TEMPORARY PIPE	LIN FT	48		
33 TEMPORARY PIPE END TREATMENT	EACH	4		
34 POLYETHYLENE	SQ YD	100		
35 SAND BAGS	EACH	100		
36 SILT FENCE	LIN FT	666		
37 TEMPORARY COARSE AGGREGATE, ALDOT NUMBER 1	TON	200		
38 INLET PROTECTION, STAGE 3 OR 4	EACH	7		
39 WATTLES	LIN FT	500		
40 PEST CONTROL TREATMENT	ACRE	1		
41 CONSTRUCTION SAFETY FENCE	LIN FT	1000		
42 ENGINEERING CONTROLS	LUMP SUM	1		
43 SOLID TRAFFIC STRIPE REMOVED (PAINT)	MILE	1		
44 SOLID TEMPORARY TRAFFIC STRIPE (5" WIDE)	LIN FT	2706		

NOT FOR BIDDING PURPOSES

EAST UNIVERSITY DRIVE AND SUMMERTREES DRIVE CULVERT REPLACEMENT (CONTINUED)

**BASE BID
SCHEDULE OF ESTIMATED QUANTITIES AND BID PRICES**

DESCRIPTION	UNITS	QTY	COST	TOTAL COST
45 SOLID WHITE, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)	LIN FT	748		
46 BROKEN YELLOW, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)	LIN FT	738		
47 SOLID YELLOW, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)	LIN FT	728		
48 BROKEN TRAFFIC STRIPE REMOVED (PAINT)	LIN FT	850		
49 TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A	SQ FT	337		
50 REMOVAL OF EXISTING TRAFFIC CONTROL MARKINGS OR LEGENDS (PAINT)	SQ FT	1202		
51 TEMPORARY TRAFFIC CONTROL MARKINGS	SQ FT	874		
52 PAVEMENT MARKERS, CLASS C, TYPE 1-A	EACH	187		
53 PAVEMENT MARKERS, CLASS C, TYPE 1-B	EACH	241		
54 PAVEMENT MARKERS, CLASS A-H, TYPE 1-B	EACH	19		
55 PORTABLE CONCRETE SAFETY BARRIER, TYPE 6	LIN FT	353		
56 PORTABLE IMPACT ATTENUATOR	EACH	4		
57 RELOCATION OF PEDESTAL POLE AND FOUNDATION WITH FLASHING BEACON (POLE 1)	LUMP SUM	1		
58 RELOCATION OF PEDESTAL POLE AND FOUNDATION WITH FLASHING BEACON (POLE 2)	LUMP SUM	1		
59 CONSTRUCTION SIGNS	SQ FT	264		
60 CHANNELIZING DRUMS	EACH	25		
61 CONES (36 INCHES HIGH)	EACH	25		
62 BARRICADES, TYPE III	EACH	2		
63 PORTABLE SEQUENTIAL ARROW AND CHEVRON SIGN UNIT	EACH	2		
64 PORTABLE CHANGEABLE MESSAGE SIGN, TYPE 2	EACH	2		
65 COFFERDAMS OR SHEETING AND SHORING	LUMP SUM	1		
66 DUCTILE IRON PIPE WATER MAIN	LIN FT	165		

NOT FOR BIDDING PURPOSES

EAST UNIVERSITY DRIVE AND SUMMERTREES DRIVE CULVERT REPLACEMENT (CONTINUED)

BASE BID
SCHEDULE OF ESTIMATED QUANTITIES AND BID PRICES

DESCRIPTION	UNITS	QTY	COST	TOTAL COST
67 DUCTILE IRON PIPE FITTINGS	TON	1		
68 14-INCH GATE VALVES	EACH	2		
69 14-INCH CONCRETE THRUST COLLAR	EACH	2		
70 CONNECT W/ SOLID SLEEVE	EACH	2		
71 CLEAN-UP, TESTING AND DISINFECTION	LIN F	165		
72 BORROW EXCAVATION (APPROXIMATELY 255 CUBIC YARDS)	LUM SUM	1		

BASE BID SUBTOTAL:

=====

NOT FOR BIDDING PURPOSES

EAST UNIVERSITY DRIVE AND SUMMERTREES DRIVE CULVERT REPLACEMENT

ALLOWANCES

The following items of work are anticipated during construction of this contract; however the exact quantity of each work item may not be determinable prior to bidding. The Contractor, shall therefore, include in his Unit Price Base and / or Alternates Bid (as applicable), an allowance for the following items in the quantities indicated: Allowance Unit Prices include all charges for labor, materials and equipment, shoring, layout, supervision (field and home office), general expenses, taxes, insurances, overhead and profit, but not limited to, for accomplishment of the Allowance item(s). Where quantities of same items of work are defined and are quantified in the bid documents, the allowance quantities indicated hereinafter shall be in addition to those which are indicated. (Example: If the site grading plan indicates new and existing grades, the bidder shall compute the quantity of earthwork required and include that quantity of work in the bid the same as if no "allowance quantity were specified. If an additional allowance quantity of earthwork is stipulated, that stipulated allowance quantity of work shall also be included in addition to the quantity computed from the bidders earthwork "takeoff").

The following Unit Prices Quoted are for increases or decreases in the quantities included in the Base Bid and/or Alternate Bid. These Unit Prices include all charges for labor, materials and equipment, fee, layout, supervision (field and home office), general expenses, taxes, insurances, overhead and profit, but not limited to, for accomplishment of the Unit Price item(s).

Clarification Note: The Unit Prices quoted by the contractor shall apply to increases (additive change orders) and to decreases (deductive change orders). This requirement shall supplement the requirements of the General Conditions, and Instructions to Bidders. Changes in the contract amount which are computed using the Stated Allowances and Unit Prices shall be figured at the same unit price whether additive or deductive.

ALLOWANCE: Include allowances in Base.

UNIT PRICE: Provide unit prices in accord with the items listed below.

<u>ITEM</u>	<u>ALLOWANCE QUANTITY</u>	<u>ALLOWANCE UNIT PRICE</u>	<u>TOTAL</u>
Unit Price #1 Removal of Unsuitable Material and Replacement	50 Cubic Yards		
Unit Price #2a – Trench Foundation and Stabilization (Beyond Bedding)	100 Cubic Yards		
Unit Price #2b – Trench Foundation and Stabilization (Filter Fabric)	100 Linear Feet		
Unit Price #3 – Mass Rock Excavation	134 Cubic Yards		

Allowances Subtotal: _____

EAST UNIVERSITY DRIVE AND SUMMERTREES DRIVE CULVERT REPLACEMENT (CONTINUED)

BASE BID
SCHEDULE OF ESTIMATED QUANTITIES AND BID PRICES

BASE BID SUBTOTAL:

ALLOWANCES SUBTOTAL:

TOTAL BASE BID AND ALLOWANCES:

TOTAL BASE BID AND ALLOWANCES FOR EAST UNIVERSITY DRIVE AND SUMMERTREES DRIVE CULVERT REPLACEMENT PROJECT:

(IN WORDS)

CONTRACTOR'S NAME:

COMPANY'S NAME:

PHYSICAL ADDRESS:

MAILING ADDRESS:

CITY/STATE/ZIP CODE:

TELEPHONE NUMBER:

FAX NUMBER:

E-MAIL ADDRESS (OPTIONAL):

NOT FOR BIDDING PURPOSES

City of Auburn

CONSTRUCTION CONTRACT

THIS AGREEMENT made and entered into this _____ day of _____ 20_____,
by and between _____ hereinafter called the CONTRACTOR and
the City of Auburn, Alabama, hereinafter called the CITY;

WITNESSETH: That for and in consideration of the payments and agreements hereinafter
mentioned:

1. The CONTRACTOR will commence and complete the WORK as defined in the Contract Documents (defined in Section 4 hereof). The WORK is generally described as follows:

Removal of the existing triple 10' x 7' corrugated metal pipe culvert and replacement with a triple 12' x 7' reinforced concrete box culvert at East University Drive and Summertrees Drive in Auburn, AL.

2. The PROJECT, of which the WORK under the Contract Documents is a part, is generally described as follows **EAST UNIVERSITY DRIVE AND SUMMERTREES DRIVE CULVERT REPLACEMENT** (the "PROJECT").
3. The CONTRACTOR will furnish all of the material, supplies, tools, equipment, labor and other services necessary for the construction and completion of the PROJECT described herein. Prior to commencing work, the CONTRACTOR shall have obtained a City of Auburn Business License, all required insurance and any required permits. If the CONTRACTOR does not obtain the required Business License, the CITY may withhold payment to CONTRACTOR until the business License is obtained.
4. All time limits for milestones, if any, substantial completion, and completion and readiness for final payments as stated in the Contract Documents are of the essence.

The CONTRACTOR will commence the work required by the PROPOSAL from the date of the NOTICE TO PROCEED and will complete the same within **one hundred twenty (120) consecutive calendar days**, unless the period for completion is extended otherwise by the CITY.

The CONTRACTOR shall only take instructions from the person or persons who are authorized in writing by the CITY to give the same.

If the CONTRACTOR is delayed at any time in the progress of the work by labor disputes, fire, adverse weather conditions not reasonably anticipated, unavoidable casualties, or any other causes beyond the CONTRACTOR's control and without the fault or negligence of CONTRACTOR, the CONTRACTOR shall prepare and submit to the CITY within five (5)

calendar days of the occurrence a written report of its assessment of the occurrence and any proposed amendment to the Term. The CONTRACTOR shall proceed with due diligence to alleviate any such delay and shall continue in the performance of its obligations hereunder. The CITY may determine, in its sole discretion, after the receipt of such notice of delay from the CONTRACTOR, whether to terminate this Agreement in accordance with Article 10 hereof or extend the Term by Change Order for such time as the CITY may determine.

5. The Contract Documents consist of:

1. This Contract Document
2. Appendix A – Invitation to Bid
3. Appendix B – Instructions to Bidders
4. Appendix C – Proposal/Base Bid
5. Appendix D – Special Conditions
6. Appendix E – Measurement and Payment
7. Appendix F – Performance Bond
8. Appendix G – Labor and Material Payment Bond

The intent of the Contract Documents is to include all items necessary for the execution and completion of the Work. The Contract Documents are complementary, and what is required by anyone shall be deemed to be required by all. In the event of any conflict between the terms of this Agreement and the other Contract Documents, the terms of this Agreement shall control.

6. In order to induce CITY to enter into this Contract, CONTRACTOR makes the following representations:

- A. CONTRACTOR has examined and carefully studied the Contract Documents, and any data and reference items identified in the contract Documents.
- B. CONTRACTOR has visited the Site and become familiar with and is satisfied as to the general, local, and site conditions that may affect cost, progress, and performance of the Work.
- C. Contractor is familiar with and is satisfied as to all Laws and Regulations that may affect cost, progress, and performance of the Work.
- D. The Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.

7. The CONTRACTOR shall be compensated for satisfactory completion of the Work in compliance with the Contract Documents in the Contract Sum of _____ Dollars (\$_____). The CONTRACTOR shall submit Applications for Payment in accordance with Section 01 2900 of the Special Provisions and City of Auburn Finance Department policies and procedures.

The CITY will pay the CONTRACTOR in the manner and at such times as set forth in the Contract Documents.

8. If the CONTRACTOR is of the opinion that any services requested hereunder are beyond the scope of the Work as provided in the Contract Documents, the CONTRACTOR shall promptly notify the CITY in writing of such opinion and the reasons for the same, with specific references to the Contract Documents.
9. No additional services beyond the scope of the Work as provided in the Contract Documents shall be performed by the CONTRACTOR unless the CITY shall, in writing, have specifically directed such services to be performed, and a Change Order (hereafter defined) shall have been signed by the CITY and the CONTRACTOR. In the event of noncompliance with the foregoing, the CONTRACTOR shall neither have nor make any claim for additional compensation by reason of a claim for additional services.
10. The term "**Change Order**" as used herein is a written order to the CONTRACTOR, issued and signed by the CITY after execution of this Agreement, authorizing a change in the Work. Unless the CONTRACTOR requests a modification in such Change Order, the CONTRACTOR shall sign the Change Order and return a copy thereof to the CITY within ten (10) business days after it has received the same. The CONTRACTOR shall have ten (10) business days from its receipt of a Change Order within which to request a modification thereto. Failure of CONTRACTOR to respond to a Change Order within such ten (10) day period shall be deemed to signify CONTRACTOR's acceptance of such Change Order as if CONTRACTOR had signed the same without modification. If CONTRACTOR requests a modification of a Change Order, the CITY shall have ten (10) business days from receipt of such request to accept such modification in writing. If not so accepted, such request is deemed to be rejected.
11. The CONTRACTOR and the CITY recognize that time is of the essence as stated in Section 4 above and that CITY will suffer financial and other losses if the WORK is not completed and milestones, if any, are not achieved within the times specified in the Contract Documents, plus any extensions thereof allowed in accordance with the Agreement. The parties also recognize the delays, expense and difficulties involved in proving in a legal or arbitration proceeding the actual loss suffered by CITY if the WORK is not completed on time.

Accordingly, instead of requiring any such proof, the CONTRACTOR and the CITY agree that as liquidated damages for delay (but not as a penalty), CONTRACTOR shall pay CITY the amount of **Two Thousand Five Hundred Fifty Dollars (\$2,550.00)** per day for each Day occurring after the expiration of the Contract Time until CONTRACTOR achieves Substantial Completion of the PROJECT.

12. This Agreement is binding upon all parties hereto and their respective heirs, executors, administrators, successors, and assigns.
13. The CONTRACTOR is required to provide certificates of insurance showing that it carries, or has in force, automobile liability insurance, general liability insurance, and workers' compensation insurance. Limits of liability for automobile liability insurance shall be, at a minimum, \$1,000,000.00 combined single limit. Limits of liability for general liability insurance shall be, at a minimum, \$1,000,000.00 per occurrence, \$1,000,000.00 personal and advertising injury, \$1,000,000.00 general aggregate and \$1,000,000.00 products/completed operations aggregate. General liability insurance will include coverage for contractually assumed liability and explosion, collapse, and underground (X, C & U) hazards. If the general liability insurance coverage is on a claims made basis, the CONTRACTOR will maintain coverage in force for a period of two (2) years following completion of the work specified in the agreement. Workers' compensation insurance shall provide statutory workers' compensation coverage and employers' liability coverage with limits of, at a minimum, \$500,000.00 each accident, \$500,000.00 disease- each employee and \$500,000.00 accident, \$500,000.00 disease – policy limit. The CONTRACTOR will be responsible for the payment of any deductibles or self-insured retentions. The CONTRACTOR'S insurance will be primary. If the CONTRACTOR carries higher coverage limits than those specified above, the higher coverage limits apply.
14. The certificate of insurance will provide the CITY with thirty (30) days' written notice of cancellation of any of the coverages listed on the certificate of insurance. The certificate of insurance will evidence waivers of subrogation in favor of the CITY for the coverages listed on the certificate of insurance.
15. The CITY will be named as additional insureds under the CONTRACTOR'S automobile liability insurance, general liability insurance and umbrella liability insurance coverages. The CITY will be a named insured under the builder's risk insurance coverage.
16. The CONTRACTOR shall require certificates of insurance from subcontractors. Subcontractors will carry limits of insurance equal to or greater than those carried by the CONTRACTOR. These certificates shall evidence waivers of subrogation in favor of the CONTRACTOR and the CITY, and shall be made available to the City before the Letter of Notice to Proceed being given.
17. The CONTRACTOR agrees to advise fully all of its employees and others working for CONTRACTOR concerning environmental, safety and health procedures required by applicable state and federal law, regulation or order or required by the CITY; and to take the necessary steps to assure that such procedures are complied with.
18. The CONTRACTOR agrees to indemnify, hold harmless, and defend the CITY, its officials, representatives, agents, servants, and employees from and against any and all claims,

actions, lawsuits, damages, judgments, liability and expense, including attorney's fees and litigation expenses, in whole or in part arising out of, connected with, or in any way associated with the activities of the CONTRACTOR, its employees, or its sub-contractors in connection with the work to be performed under this contract. This obligation survives the payment of any loss by the CONTRACTOR'S insurance carrier.

19. The CONTRACTOR is required to be compliant with the Beason-Hammon Alabama Taxpayer and Citizen Protection Act, Act No. 2011-535 (Code of Alabama (1975) § 31-13-9) as amended May 16, 2012 regarding employment practices. Documentation of enrollment in E-Verify must be included with the contract.

By signing this Agreement, the CONTRACTOR affirms, for the duration of the Agreement, that they will not violate federal immigration law, or knowingly employ, hire for employment, or continue to employ an unauthorized alien within the State of Alabama. Furthermore, a contracting party found to be in violation of this provision shall be deemed to be in breach of the Agreement and shall be responsible for all damages resulting therefrom.

20. Any subcontractor who works on the PROJECT must agree to comply with the terms of this Agreement and be enrolled in E-Verify. By signing this Agreement, the CONTRACTOR acknowledges understanding of this requirement and represents that the CONTRACTOR has in place a system for assuring compliance.

21. By signing this agreement, the CONTRACTOR hereby attests that it is currently in compliance with Alabama Legislative Act 2016-312 (the "Act"). The CONTRACTOR hereby agrees to maintain compliance with the Act during the term of this Agreement. The CONTRACTOR understands and agrees that should it violate the Act during the term of this agreement, such violation will be an Event of Default, giving the CITY the right to immediately terminate this Agreement and to seek damages, including, but not limited to, consequential, special, indirect damages and liquidated damages.

22. Legal action arising from the performance of this contract will be filed in the Circuit Court of Lee County, Alabama located in Opelika, Alabama or the Federal District Court for the Middle District of Alabama – Eastern Division located in Opelika, Alabama.

23. This Agreement does not, and shall not, be construed to create any partnership or agency whatsoever.

24. Failure to insist upon strict compliance with any provision hereof shall not be deemed a waiver of such provision or any other provision hereof.

25. This Agreement may not be modified except by Change Order or written Amendment

executed by the parties hereto.

26. The invalidity or unenforceability of any provision hereof shall not affect the validity or enforceability of any other provision.
27. The CONTRACTOR may not assign this agreement without the written permission of the City.
28. This Agreement shall be binding on the parties hereto and their respective successors, assigns and legal representatives.

NOT FOR BIDDING PURPOSES

IN WITNESS, THEREOF the parties hereto have executed, or caused to be executed by their duly authorized officials, this Agreement in three copies each of which shall be deemed an original on the date first above written.

(SEAL)

ATTEST:

BY: _____

NAME: _____

TITLE: _____

CONTRACTOR

BY: _____

NAME: _____

TITLE: _____

ADDRESS: _____

TELEPHONE: _____

(SEAL)

ATTEST:

BY: _____

ASSISTANT CITY CLERK

THE CITY OF AUBURN, ALABAMA
A Municipal Corporation

BY: _____

ITS CITY MANAGER

NOT FOR BIDDING PURPOSES

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS: That we _____, hereinafter called the "Principal," and _____, hereinafter called the "Surety," are held and firmly bound unto the City of Auburn, Alabama, herein after called the "Obligee," in the penal sum of _____ for the payment of which we bind ourselves, heirs, executors, administrators, successors, and assigns for the faithful performance of a certain written contract dated the _____ day of _____, 2026, entered into between the Principal and the Obligee for the

EAST UNIVERSITY DRIVE AND SUMMERTREES DRIVE CULVERT REPLACEMENT

a copy of which said contract is incorporated herein by reference and is made a part hereof as if fully copied herein.

NOW, THEREOF, the condition of this obligation is such that the Principal shall faithfully perform the terms and conditions of the contract in all respects on its part, and shall fully pay all obligations incurred in connection with the performance of such contract on account of labor and materials used in connection therewith, and all such other obligations of every form, nature, and character, and shall save harmless the City from all and any liability of every nature, kind and character which may be incurred in connection with the performance or fulfillment of such contract or other such liability resulting from negligence or otherwise on the part of such Principal, and further shall save harmless the City from all cost and damage which may be suffered by reason of the failure to fully and completely perform said contract and shall fully reimburse and repay the City for all expenditures of every kind, character and description which may be incurred by the City in making good any and every default which may exist on the part of the Principal in connection with the performance of said contract; and further that the Principal shall pay all lawful claims of all persons, firms, partnerships, or corporations and shall give them a direct right of action against the Principal and Surety under this obligation; and further that no suit, action, or proceedings by reason of any default whatever shall be brought on this bond within one year after the date on which the final payment on the contract falls due. Any alterations or additions which may be under the contract, or in the work to be done under it, or the giving by the City of any extension of time for the performance of the contract or any other forbearance on the part of either the City or the Principal shall not, in any way release the Principal and Surety, or either of them, their heirs, executors, administrators, successors, or assigns from their liability hereunder. Notice to the Surety of any such alterations, extensions or forbearance is expressly waived. This obligation shall remain in full force and effect until the performance of all covenants, terms and conditions herein stipulated and after such performance, it shall become null and void.

NOT FOR BIDDING PURPOSES

IN TESTIMONY WHEREOF witness the hands and seals of the parties hereto on this _____ day of _____, 2026.

SIGNATURE OF PRINCIPAL

WITNESS TO SIGNATURE
OF PRINCIPAL:

PRINTED NAME OF PRINCIPAL

BY

TITLE

WITNESS TO SIGNATURE
OF SURETY:

SURETY

BY

TITLE

Countersigned:

Resident Agent

Address

Telephone Number

IMPORTANT:

Surety companies executing bonds must appear on the Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the state where the project is located.

NOT FOR BIDDING PURPOSES

LABOR AND MATERIALS PAYMENT BOND

KNOW ALL MEN BY THESE PRESENTS: That we, _____, as Principal, and _____ as Surety are held and firmly bound unto the City of Auburn, Alabama, hereinafter called the "Obligee" or "City", in the penal sum of _____ lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, personal representatives, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, said Principal has entered into a certain contract with said Obligee, dated _____, 2026, hereinafter called the "Contract" for the

EAST UNIVERSITY DRIVE AND SUMMERTREES DRIVE CULVERT REPLACEMENT

which Contract and the specifications for said work shall be deemed a part hereof as fully as if set out herein.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH that if said Principal and all Subcontractors to whom any portion of the work provided for in said Contract is sublet and all assignees of said Principal and of such Subcontractors shall promptly make payment to all persons supplying him or them with labor, materials, feed-stuffs or supplies for or in the prosecution of the work provided for in such Contract, or in any amendment or extension of or additions to said Contract, and for the payment of reasonable attorney's fees, incurred by the claimant or claimants in suits or said bond, then the above obligation shall be void; otherwise to remain in full force and effect. PROVIDED, however, that this bond is subject to the following conditions and limitations:

(a) Any person, firm or corporation that has furnished labor, materials, feed-stuffs or supplies for or in the prosecution of the work provided for in said Contract shall have a direct right of action against the Principal and Surety on this bond, which right of action shall be asserted in a proceeding, instituted in the county in which the work provided for in said Contract is to be performed or in any county in which said Principal or Surety does business. Such right of action shall be asserted in a proceedings instituted in the name of the claimant or claimants for his or their use and benefit against said Principal and Surety or either of them (but not later than one year after the final settlement of said Contract) in which action such claim or claims shall be adjudicated and judgment entered thereon.

(b) The Principal and Surety hereby designate and appoint _____ as the agent of each of them to receive and accept service of process or other pleading issued or filed in any proceeding instituted on this bond and hereby consent that such service shall be the same as personal service on the Principal and/or Surety.

(c) The Surety shall not be liable hereunder for damage or compensation recoverable under Workers' Compensation or Employer's Liability Statute.

(d) In no event shall the Surety be liable for a greater sum than the penalty of this bond, or subject to any suit, action or proceedings thereon that is instituted later than one year after the final settlement of said

Contract.

(e) This bond is given pursuant to the terms of Act No. 39, General Laws of Alabama, approved February 8, 1935, entitled "An Act to Further Provide for Bonds of Contractors on State and Other Public Works and Suits Thereon."

Executed in three (3) counterparts

SIGNED, SEALED AND DELIVERED THIS _____ day of _____ 2026.

PRINTED NAME OF CONTRACTOR

WITNESS TO SIGNATURE
OF PRINCIPAL:

PRINTED NAME OF PRINCIPAL

BY

TITLE

WITNESS TO SIGNATURE
OF SURETY:

SURETY

BY

TITLE

Countersigned:

Resident Agent

Address

Telephone Number

IMPORTANT: Surety companies executing bonds must appear on the Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the state where the project is located.

NOT FOR BIDDING PURPOSES

EAST UNIVERSITY DRIVE AND SUMMERTREES DRIVE CULVERT REPLACEMENT

SPECIAL CONDITIONS

1. PROJECT DESCRIPTION:

This project consists of the removal of the existing triple 10' x 7' corrugated metal pipe culvert and replacement with a triple 12' x 7' reinforced concrete box culvert at East University Drive and Summertrees Drive in Auburn. Work includes demolition, excavation, hauling, temporary diversion construction, reinforced concrete box culvert installation, culvert wing walls, 18-inch and 24-inch reinforced concrete pipe installation, subgrade preparation, aggregate base placement, asphalt pavement restoration, curb and gutter (Type C Modified), concrete driveway reconstruction, riprap with geotextile, water main relocation, utility adjustments, temporary and permanent traffic control, erosion and sediment control measures (initial, intermediate, and final phases), grassing, and all items shown within the construction documents that are a part of the Base Bid.

2. TIME OF COMPLETION:

The Contractor shall commence the work within 30 days after the written "Notice to Proceed" and shall complete the bid work within **one hundred twenty (120) consecutive calendar days**.

3. LIQUIDATED DAMAGES:

Liquidated damages as specified in the general conditions are hereby mutually fixed and agreed upon at the rate of **two thousand five hundred fifty (\$2,550) per calendar day** of delay past the contract completion date.

4. LICENSE FEE:

The Contractor will be required to obtain a license from the City of Auburn for performing the work prior to beginning the project. The license fee will be one-fourth of one percent ($\frac{1}{4}$ of 1%) of the contract amount.

5. WORK TO BE DONE:

Base Bid:

The work to be done under the Base Bid of this project shall consist of demolition, excavation, temporary diversion construction, reinforced concrete box culvert installation, storm drain installation, curb and gutter installation, driveway reconstruction, asphalt pavement restoration, water main relocation, utility coordination, traffic control implementation, erosion and sediment control measures, grassing, and all items shown within the construction documents

that are a part of the Base Bid. **The Contractor shall coordinate construction sequencing with the City's Project Manager prior to beginning work.**

Striping:

If permanent striping including permanent markings cannot be completed within four (4) months of wearing surface temporary striping and markings, the Contractor will be required to re-stripe the temporary stripe and markings until permanent striping and markings can be completed. The additional temporary striping and marking will be completed at no additional cost to the City.

Materials:

All materials and construction work shall be in accordance with the City of Auburn or Alabama Department of Transportation standard details and specifications as noted in the plans. Submittals for all materials must be received and approved prior to any work beginning.

If borrowed material is required for this project, the source and material properties of the material should be submitted to the project manager prior to use to ensure compliance with these specifications. No borrow material will be permitted that has not been properly identified, tested, and approved by the City of Auburn.

All roadway materials including crushed aggregate base, asphalt courses, storm sewer, and temporary and permanent traffic control markings, must comply with the latest edition of the Alabama Department of Transportation standard specifications. This includes, but is not limited to source, gradation, placement, and testing.

Traffic Control:

All traffic control measures shall be the responsibility of the Contractor and be paid for under Traffic Control as appropriate. This shall include all material, labor, and equipment needed to install and maintain required traffic control devices and utilizing flagmen as needed. All traffic control devices must conform to the "Manual on Uniform Traffic Control Devices," Latest Edition. All required traffic control measures must be installed and approved by the City of Auburn prior to any construction activities. All traffic control measures must have reflectivity as outlined in the ALDOT Specifications. The City of Auburn reserves the right to reject any items with incorrect reflectivity and placement and deny payment of the same.

If the Contractor fails to install and maintain proper traffic control measures, the City of Auburn reserves the right to immediately stop work, at no cost to the City, until such measures are installed properly.

Lane closures will generally be allowed between 9:00 AM and 2:00 PM, Monday through Friday, unless otherwise permitted by the Project Manager. However, if deemed necessary by the City,

lane closures during peak times within this time frame may also be prohibited. Lane closures are not allowed the day before or during any Auburn University athletic event or graduation. No work will be allowed after daylight hours, and no traffic is to be detoured without the consent of the Project Manager.

The project site must be cleaned and opened for traffic as designated by the Project Manager or Project Inspector. No traffic is to be detoured without the consent of the Project Manager. All property owners with driveways that fall within the work zone shall be notified by the Contractor of the operating procedures of the traffic control plan prior to work beginning. Ingress and egress must be maintained at all times for each property falling within the construction zone. In the event the contractor should require no access for a limited amount of time, immediate notice should be given to the Project Manager and the property owners.

It will be the Contractor's responsibility to relocate street markers, signage, mailboxes, sprinkler heads, headwalls, and driveways out of the construction area as noted in the plans or as directed by the Project Manager.

Erosion Control:

All Erosion and Sediment Control must comply with the City's Erosion and Sediment Control Requirements as defined in Article III of the Code of the City of Auburn. Erosion and sedimentation control measures must be installed prior to construction activities and be maintained during the life of construction as shown on the plans. The Engineer, Project Manager or Project Inspector may request additional erosion measures as deemed necessary. It will be the responsibility of the Contractor to apply for and obtain an ADEM permit for this project, and to comply with all provisions of the permit. The Contractor should take special care in maintaining the erosion and sedimentation control measures in order to comply with the ADEM permit.

If at any time a deficiency is noted, the Contractor must perform corrective actions immediately, no later than the end of the day. Fines or penalties, if any, assessed to the project will not be the responsibility of the City of Auburn. All assessments will be the responsibility of the Contractor to remediate prior to close out of the project.

All disturbed areas within the project limits are to be sodded or seeded and mulched immediately upon final grading. It will be the responsibility of the Contractor to ensure proper irrigation of all sodded areas throughout the project. It will also be the responsibility of the Contractor to ensure a stand of grass and cutting at least once during the construction period and once after the construction is complete. The Contractor, at his expense, shall repair any area that is disturbed outside the construction limits. Any disturbed area not to be worked for five (5) days or more must be stabilized.

Utility:

Any dewatering needed shall be included in the respective bid item.

Utility markings should be placed on the curb face and flat gutter in accordance with the current City of Auburn standard details or as noted by Water Resource Management.

The Contractor is to coordinate work with all public utility companies, including adjustments and relocations. All utilities must be located before any construction begins by calling Alabama One Call and must be kept current through the life of the construction. If locates are not kept current and if damage occurs to an existing utility line, the Contractor cannot make claims for down time and/or losses while repairs are being made. The Contractor is advised to take care when working around existing utility lines. The locations identified on the drawings are approximate locations only and cannot be constituted as representing exact locations and/or all existing lines.

Miscellaneous:

If during the course of the inspections, the Project Manager determines that all work has been satisfactorily completed and that a substantial stand of grass exists on all or part of the work, he may recommend acceptance if the Contractor provides a bond covering all erosion control, grassing, and other related items. The face amount of the bond shall equal replacement costs of erosion control items and grassing determined by the Engineer. The time period to be covered by the bond will be sufficient to ensure obtaining a satisfactory stand of growth; however, it shall not exceed 12 months. It shall be understood by all that such bond is to ensure replacement of the erosion control items and the grassing, should it become necessary, and will in no way relieve the Contractor from the responsibility of damages caused by the lack of erosion control.

Work Performed by Others:

Contractor shall coordinate with the City regarding the location of the signal components to be installed. This may include staking of curb lines and pole locations in conjunction with the signal contractor to ensure no conflicts exist.

6. SAFETY:

In accordance with generally accepted construction practices, the Contractor will be solely and completely responsible for conditions of the job site, including safety of all persons and property during performance of the work. This requirement will apply continuously and not be limited to the normal working hours. The Contractor should take all necessary precautions to insure safety of the jobsite at all times in conjunction with OSHA regulations.

7. ENVIRONMENTAL:

The Contractor must promptly restore disturbed areas, keep debris out of streams, and use construction methods to minimize erosion. Under no circumstance shall sewage or other contaminants be allowed into streams, ditches or storm drains. The Contractor will be solely responsible for any violation of environmental laws and penalties or fines that are imposed by local, state, and/or federal authorities.

Clearing and grubbing and disturbance should not extend beyond the edge of the right-of-way or temporary construction easements shown in the plans.

8. PROJECT PROGRESS SCHEDULE:

Prior to construction, the Contractor shall submit a detailed coordinated construction schedule for all work activities. The schedule shall be prepared as a network diagram in Critical Path Method (CPM), PERT, or other format, or as otherwise specified in the contract. As a minimum, it shall provide information on the sequence of work activities, milestone dates, and activity duration.

The Contractor shall maintain the work schedule and provide an update and analysis of the progress schedule on a monthly basis, or as otherwise specified in the contract. The updated construction schedule shall be submitted with pay applications. Submission of the work schedule shall not relieve the Contractor of overall responsibility for scheduling, sequencing, and coordinating all work to comply with the requirements of the contract within the time of completion.

9. RECORD DOCUMENTS:

The Contractor shall submit record documents including as-builts per the Engineering Construction Manual prior to receiving final payment.

NOT FOR BIDDING PURPOSES

EAST UNIVERSITY DRIVE AND SUMMERTREES DRIVE CULVERT REPLACEMENT

MEASUREMENT AND PAYMENT

01 CLEARING AND GRUBBING (MAX. ALLOWABLE \$4000/ACRE) (APPROX. 1 ACRE)

Work under this item shall include all labor, equipment, and materials necessary for the complete removal of trees, shrubs, and the like within the work limits, including back slopes, to the right-of-way or work limits. Work will include the clearing, grubbing, disposal, and other incidental work required to remove the existing vegetation and miscellaneous items not covered under other items. The Contractor and City's Project Manager shall walk the clearing limits and flag trees to be removed prior to clearing operations beginning. The unit price shall also include the hauling and disposing of material offsite in accordance with applicable laws and regulations. Also included is the relocating of existing street signs falling within the work limits. Capping of irrigation lines within the right of way shall also be included in this item of work. Approximately 1 acre of clearing and grubbing is anticipated.

Measurement and payment shall be based upon the lump sum price bid for Clearing and Grubbing. (Max. Allowable Bid \$4000/Acre) (Approx. 1 Acre).

02 REMOVING ASPHALT AND CONCRETE PAVEMENT

Work under this item shall include all labor, equipment, and materials necessary for the complete removal of existing asphalt and concrete pavement as noted on the construction drawings or at the discretion of the Project Manager. Existing concrete flumes to be removed shall also be covered under this item. Removal shall include necessary saw cutting, removal, disposal to a location deemed necessary by the Contractor and other incidental work.

Measurement shall be based upon square yards for Removing Asphalt and Concrete Pavement. Payment shall be based on the unit price bid for Removing Asphalt and Concrete Pavement.

03 REMOVING 10' X 7' CORRUGATED METAL PIPE

Work under this item shall include all labor, equipment, and materials necessary for the complete removal of existing 10' X 7' corrugated metal pipe, headwalls, wingwalls and associated appurtenances and incidental work as noted on the construction drawings. Removal shall include necessary saw-cutting, removal, disposal to a location deemed necessary by the contractor and other incidental work.

Measurement shall be based upon linear feet for Removing 10' X 7' Corrugated Metal Pipe. Payment shall be based on the unit price bid for Removing 10' X 7' Corrugated Metal Pipe.

04 REMOVING 18" CONCRETE PIPE

Work under this item shall include all labor, equipment, and materials necessary for the complete removal of existing 18" concrete pipe as noted on the construction drawings. Removal shall include necessary saw-cutting, removal, disposal to a location deemed necessary by the contractor and other incidental work.

Measurement shall be based upon linear feet for Removing 18" Concrete Pipe. Payment shall be based on the unit price bid for Removing 18" Concrete Pipe.

05 REMOVING 24" CONCRETE PIPE

Work under this item shall include all labor, equipment, and materials necessary for the complete removal of existing 24" concrete pipe as noted on the construction drawings. Removal shall include necessary saw-cutting, removal, disposal to a location deemed necessary by the contractor and other incidental work.

Measurement shall be based upon linear feet for Removing 24" Concrete Pipe. Payment shall be based on the unit price bid for Removing 24" Concrete Pipe.

06 REMOVING CONCRETE CURB AND GUTTER

Work under this item shall include all labor, equipment, and materials necessary for the complete removal of existing curb, curb and gutter, and gutter as necessary for the construction identified on the drawings and within these specifications. Removal shall include necessary saw cutting, removal, disposal to a location deemed necessary by the Contractor, and other incidental work.

Measurement shall be based upon linear feet of concrete curb and gutter removed. Payment shall be based upon the unit price bid for Removing Concrete Curb and Gutter.

07 REMOVING EXISTING INLET

Work under this item shall include all labor, equipment, and materials necessary for the complete removal of existing inlets as shown on the construction drawings. Removal shall include necessary sawing, demolition, removal, hauling and disposal to an off-site location deemed necessary by the Contractor and other incidental work related to disposing of the material in accordance with applicable laws and regulations (Contractor to pay disposal fees). Excavation will be done to depths necessary to remove all material, unless otherwise deemed necessary by the Project Manager. This item shall also include any necessary temporary measures to make the area safe until the work is complete.

Measurement shall be based upon each existing inlet removed. Payment shall be based upon the unit price bid for Removing Existing Inlet.

NOT FOR BIDDING PURPOSES

08 REMOVING JUNCTION BOXES

Work under this item shall include all labor, equipment, and materials necessary for the complete removal of existing junction boxes as shown on the construction drawings. Removal shall include necessary sawing, demolition, removal, hauling and disposal to an off-site location deemed necessary by the Contractor and other incidental work related to disposing of the material in accordance with applicable laws and regulations (Contractor to pay disposal fees). Excavation will be done to depths necessary to remove all material, unless otherwise deemed necessary by the Project Manager. This item shall also include any necessary temporary measures to make the area safe until the work is complete.

Measurement shall be based upon each existing junction box removed. Payment shall be based upon the unit price bid for Removing Junction Boxes.

09 UNCLASSIFIED EXCAVATION (APPROXIMATELY 380 CUBIC YARDS)

Work under this item shall include all labor, materials, and equipment necessary for gathering and reusing all on-site material, including, stripping, stockpiling, excavation, loading, hauling, spreading, and other incidental work. The work shall also include the cost involved with the excavation and removal of any unsuitable material (including rock) falling within the construction limits, and reuse of existing materials removed from within the project limits meeting the testing requirements set forth in the City of Auburn Standard Details and Specifications.

Measurement and payment shall be based on the lump sum price bid for Unclassified Excavation.

10 BORROW EXCAVATION (UNDERWATER BACKFILL) #57

Work under this item shall include furnishing, hauling, placing, and compacting approved borrow material for underwater backfill operations in accordance with Section 210 of the Alabama Department of Transportation Standard Specifications for Highway Construction, latest edition. This work shall include hauling, placement, compaction, and testing as required.

Measurement shall be made based upon quantity tons of borrow material placed and accepted. Payment shall be made at the contract unit price bid per ton for Borrow Excavation (Underwater Backfill) #57.

11 CRUSHED AGGREGATE BASE COURSE, TYPE B (4" THICK)

Work under this item shall include all labor, materials, and equipment necessary for the placement of Crushed Aggregate Base Course, Type B, 4" compacted thickness. Work shall include hauling, placement, wetting, compaction, testing, and any other incidental items of

work. This work shall also include replacement of any contaminated base or base not passing compaction testing prior to paving, at the Contractor's expense.

Measurement shall be based upon square yards of Crushed Aggregate Base Course, Type B, (4" Thick) installed. Measurement will include only the crushed aggregate base under asphalt surfaces. Crushed aggregate base placed under the curb and gutter will be paid for under the curb and gutter item. Payment shall be based on unit price bid for Crushed Aggregate Base Course, Type B, (4" Thick) in accordance with City of Auburn Standard Details.

12 CRUSHED AGGREGATE BASE COURSE, TYPE B (9" THICK)

Work under this item shall include all labor, materials, and equipment necessary for the placement of Crushed Aggregate Base Course, Type B, 9" compacted thickness. Work shall include hauling, **placement in 2 equal lifts**, wetting, compaction testing, and any other incidental items of work. This work shall also include replacement of any contaminated base or base not passing compaction testing prior to paving, at the Contractor's expense.

Measurement shall be based upon square yards of Crushed Aggregate Base Course, Type B, (9" Thick) installed. Measurement will include only the crushed aggregate base under asphalt surfaces. Crushed aggregate base placed under the curb and gutter will be paid for under the curb and gutter item. Payment shall be based on unit price bid for Crushed Aggregate Base Course, Type B, (9" Thick) in accordance with City of Auburn Standard Details.

13 COARSE AGGREGATE, SECTION 801, FOR MISCELLANEOUS USE (ALDOT #2)

Work under this item shall include furnishing and placing coarse aggregate for miscellaneous use in accordance with Section 805 of the Alabama Department of Transportation Standard Specifications for Highway Construction, latest edition. The coarse aggregate material shall meet the requirements of Section 801 of the Alabama Department of Transportation Standard Specifications. This work shall include hauling, placement, spreading, shaping, and compaction as required by the plans or as directed by the Engineer.

Measurement shall be based upon the quantity of tons of coarse aggregate placed and accepted. Payment shall be made at the contract unit price bid per ton for Coarse Aggregate, Section 801, for Miscellaneous Use, in accordance with Alabama Department of Transportation Specifications.

14 BITUMINOUS TREATMENT A

Work under this item shall include furnishing and placing bituminous material and cover aggregate in accordance with Section 401 of the Alabama Department of Transportation Standard Specifications for Highway Construction, latest edition. This work shall include surface preparation, application, rolling, and traffic control as required.

Measurement shall be made based upon the quantity of square yards of surface treatment placed and accepted. Payment shall be made at the contract unit price bid per square yard for Bituminous Treatment A.

15 SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 3/8" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (1" THICK)

Work under this section shall include all labor, materials, and equipment necessary for the placement of 424A Superpave Bituminous Concrete Wearing Surface Layer, 3/8" Maximum Aggregate Size Mix, ESAL Range C/D (1" Thick), in accordance with the Alabama Department of Transportation Standard Specifications for Highway Construction. Work shall include, but not be limited to, hauling, placement, compaction, testing, tack coat, and any other incidental items of work.

Measurement shall be based on tons of in place 424A Superpave Bituminous Concrete Wearing Surface Layer, 3/8" Maximum Aggregate Size Mix, ESAL Range C/D (1" Thick). Payment shall be based on the unit price bid for 424A Superpave Bituminous Concrete Wearing Surface Layer, 3/8" Maximum Aggregate Size Mix, ESAL Range C/D (1" Thick), in accordance with Alabama Department of Transportation Specifications.

16 SUPERPAVE BITUMINOUS CONCRETE BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (4" THICK)

Work under this section shall include all labor, materials, and equipment necessary for the placement of 424B Superpave Bituminous Concrete Binder Layer, 1" Maximum Aggregate Size Mix, ESAL Range C/D (4" Thick), in accordance with the Alabama Department of Transportation Standard Specifications for Highway Construction, latest edition. Work shall include, but not be limited to, hauling, placement, compaction, testing, tack coat, and any other incidental items of work. **All asphalt binder layer for the project shall be installed in 2 – 2.0" lifts.**

Measurement shall be based on tons of in place 424B Superpave Bituminous Concrete Binder Layer, 1" Maximum Aggregate Size Mix, ESAL Range C/D (4" Thick). Payment shall be based on the unit price bid for 424B Superpave Bituminous Concrete Binder Layer, 1" Maximum Aggregate Size Mix, ESAL Range C/D (4" Thick), in accordance with Alabama Department of Transportation Standard Specifications for Highway Construction, latest edition.

17 MILLING (1" THICK)

Work under this item shall include all labor, equipment, and materials necessary for the milling of the asphalt pavement areas indicated on the plans or any other tie-ins deemed necessary by the Project Manager. Work includes the removal of mill material from the site. Included in this work is the hauling, excavation, wetting, sweeping, grading, and other incidental work. The necessary temporary signage associated with milling shall be included in this item.

Measurement shall be based upon the square yards of Milling (1.0" Thick). Payment shall be based upon the unit price bid for Milling (1.0" Thick).

18 STEEL REINFORCEMENT

Work under this item shall include furnishing, fabricating, and placing steel reinforcement in accordance with Section 520 of the Alabama Department of Transportation Standard Specifications for Highway Construction, latest edition, and as shown on the plans. This shall include all supports, ties, chairs, spacers, and incidental materials required.

Measurement shall be made based upon the quantity of pounds of Steel Reinforcement incorporated into the completed work and accepted. Payment shall be made at the contract unit price for Steel Reinforcement.

19 CULVERT CONCRETE

Work under this item shall include furnishing and placing structural concrete for culverts in accordance with Section 524 of the Alabama Department of Transportation Standard Specifications for Highway Construction, latest edition. This shall include forming, finishing, curing, joints, and surface treatments.

Measurement shall be made based upon the quantity of cubic yards of culvert concrete placed and accepted. Payment shall be made at the contract unit price bid for Culvert Concrete.

20 18" REINFORCED CONCRETE PIPE

Work under this item shall include all labor, materials, and equipment necessary for the complete installation of 18" reinforced concrete pipe, ALDOT Class III, per the manufacturer's specifications. Included in this work is excavation, backfilling, compaction, removal of unsuitable materials, grouting, bedding, and other incidental work. Also included will be pouring any necessary concrete collars required to tie to existing pipe.

Measurement shall be by linear feet of 18" Reinforced Concrete Pipe installed. Payment shall be based upon the unit price bid for 18" Reinforced Concrete Pipe.

21 24" REINFORCED CONCRETE PIPE

Work under this item shall include all labor, materials, and equipment necessary for the complete installation of 24" reinforced concrete pipe, ALDOT Class III, per the manufacturer's specifications. Included in this work is excavation, backfilling, compaction, removal of unsuitable materials, grouting, bedding, and other incidental work. Also included will be pouring any necessary concrete collars required to tie to existing pipe.

Measurement shall be by linear feet of 24" Reinforced Concrete Pipe installed. Payment shall be based upon the unit price bid for 24" Reinforced Concrete Pipe.

22 MOBILIZATION

Work under this item shall include the preparatory work and operations, including, but not limited to those necessary for the movement of personnel, equipment, supplies and incidentals to the project site; for the establishment of facilities necessary for work on the project. The Contractor is required to submit a construction schedule as part of this item before work commences.

Measurement and payment shall be based on the lump sum price bid for Mobilization. No more than 20% of the lump sum amount for mobilization will be paid on the first estimate. When 50% of the contract amount is completed, up to 100% of the lump sum amount for mobilization can be paid.

23 LOOSE RIPRAP, CLASS 2

Work under this item shall include furnishing and placing Class 2 loose riprap in accordance with Section 610 of the Alabama Department of Transportation Standard Specifications for Highway Construction, latest edition, and as shown on the plans. This shall include foundation preparation and shaping.

Measurement shall be made based upon the quantity of tons of riprap placed and accepted. Payment shall be made at the contract unit price bid per ton for Loose Riprap, Class 2.

24 FILTER BLANKET, GEOTEXTILE

Work under this item shall include furnishing and placing geotextile filter fabric in accordance with Section 610 of the Alabama Department of Transportation Standard Specifications for Highway Construction, latest edition, and as shown on the plans.

Measurement shall be made based upon the quantity of square yards of geotextile installed and accepted. Payment shall be made at the contract unit price bid for Filter Blanket, Geotextile.

25 CONCRETE DRIVEWAY (6" THICK)

Work under this item shall include all labor, materials, and equipment necessary for the complete installation of concrete driveway turnouts including excavation, compaction, forming, pouring, finishing and other incidental work. Construction shall be in accordance with the construction drawings and City of Auburn Standard Details and Specifications. It may be necessary to pour one-half of the driveway at a time, to allow ingress and egress during construction. During the work, this item may include the temporary placement and maintenance of aggregate surfacing in lieu of a standard concrete driveway turnout to maintain ingress and egress. No driveways shall be closed without giving the resident and Project Manager 48 hours of advanced notice.

Measurement shall be based upon square yards of Concrete Driveway (6" Thick) installed. Payment shall be based upon the unit price bid for Concrete Driveway (6" Thick).

26 SINGLE WING INLET

Work under this item shall include all labor, materials, and equipment necessary for the complete installation of single wing inlets including excavation, backfilling, compaction, forming, pouring, finishing and other incidental work. Construction shall be in accordance with the City of Auburn Standard Details and Specifications.

Measurement shall be based upon each Single Wing inlet completed. Payment shall be based upon the unit price bid for Single Wing Inlet.

27 DOUBLE WING INLET

Work under this item shall include all labor, materials, and equipment necessary for the complete installation of a double wing inlet including excavation, backfilling, compaction, forming, installing reinforcement, installing ring and cover, pouring, finishing and other incidental work. Construction shall be in accordance with the City of Auburn Standard Details and Specifications.

Measurement shall be based upon each completed Double Wing Inlet. Payment shall be based upon the unit price bid for Double Wing Inlet.

28 COMBINATION CURB AND GUTTER

Work under this item shall include all labor, materials, and equipment necessary for the complete placement of standard curb and gutter in accordance with City of Auburn Standard Details and Specifications, including excavating, backfilling, forming, pouring, finishing and other incidental items of work. Included in this item will be the required crushed aggregate base under the curb and gutter to the widths and depths as shown on Typical Sections, Cross Sections and City of Auburn Standard Details.

Measurement shall be based upon linear feet of combination curb and gutter installed. Payment shall be based upon the unit price bid for Combination Curb and Gutter.

29 SEEDING AND MULCHING

Work under this item shall include all labor, materials, and equipment necessary for the complete installation of seeding and mulching including preparation, scarifying, watering, fertilizing, placement, and other incidental work. This work shall also include the placement of 4" of topsoil in all areas to receive seeding and mulching. Topsoil shall be free of rocks, limbs and debris. The Contractor shall install seeding based on the seed mix chart provided in the Alabama Department of Transportation Standard Specifications for Highway Construction, latest edition. No Millet or Bahia seed will be permitted for use on this project. Seeding and mulching

should take place as soon as final slopes are graded and receive topsoil. The Contractor shall be responsible for the first cutting of all grass.

Measurement shall be based upon the acreage for complete seeding and mulching. Payment shall be based upon the unit price bid for Seeding and Mulching.

30 SOLID SODDING (BERMUDA)

Work under this item shall include all labor, materials, and equipment necessary for the complete installation of Bermuda solid sod including 4" topsoil, preparation, watering, fertilizing, placement, rolling, and other incidental work. The Contractor shall place Bermuda sod in accordance with the Alabama Department of Transportation Standard Specifications, latest edition and City of Auburn Standard Details and Specifications. The topsoil shall be free of rocks and debris prior to the placement of sod. Sod shall be "notched" into match existing sod conditions. Under no circumstances shall sod be laid unevenly or on top of existing sod. Dead or un-watered sod shall not be paid for, and the replacement shall be the responsibility of the Contractor. The Contractor shall be responsible for the first cutting of all grass.

Measurement shall be based upon square yards of in-place Bermuda sod laid. Payment shall be based upon the unit price bid for Solid Sodding (Bermuda).

31 TEMPORARY SEEDING AND MULCHING

Work under this item shall include all labor, materials, and equipment necessary for the complete installation of temporary seeding and mulching including preparation, watering, fertilizing, placement, and other incidental work. The Contractor shall place temporary seeding and mulching in accordance with the Alabama Department of Transportation specifications. No Millet or Bahia seed will be permitted for use on this project. All mulch and hay shall be free of Cogongrass.

Measurement shall be based upon the acreage of complete temporary seeding and mulching. Payment shall be based upon the unit price bid for Temporary Seeding and Mulching.

32 TEMPORARY PIPE

Work under this item shall include furnishing, installing, maintaining, and removing temporary pipe in accordance with Section 665 of the Alabama Department of Transportation Standard Specifications for Highway Construction, latest edition, and as shown on the plans. This work shall include excavation, bedding, backfill, compaction, and restoration upon removal.

Measurement shall be made based upon the quantity of linear feet of temporary pipe installed and accepted. Payment shall be made at the contract unit price bid per linear foot for Temporary Pipe.

33 TEMPORARY PIPE END TREATMENT

Work under this item shall include furnishing, installing, maintaining, and removing temporary pipe end treatments in accordance with Section 665 of the Alabama Department of Transportation Standard Specifications for Highway Construction, latest edition, and as shown on the plans.

Measurement shall be made based upon the quantity of each pipe end treatment installed and accepted. Payment shall be made at the contract unit price bid per each for Temporary Pipe End Treatment.

34 POLYETHYLENE

Work under this item shall include furnishing, installing, maintaining, and removing polyethylene sheeting for erosion control or protection in accordance with Section 665 of the Alabama Department of Transportation Standard Specifications for Highway Construction, latest edition.

Measurement shall be made based upon the quantity of square yards of polyethylene installed and accepted. Payment shall be made at the contract unit price bid per square yard for Polyethylene.

35 SAND BAGS

Work under this item shall include furnishing, placing, maintaining, and removing sandbags for temporary erosion and sediment control in accordance with Section 665 of the Alabama Department of Transportation Standard Specifications for Highway Construction, latest edition.

Measurement shall be made based upon the quantity of sandbags placed and accepted. Payment shall be made at the contract unit price bid per each for Sandbag.

36 SILT FENCE

Work under this item shall include all labor, equipment, and materials necessary for the complete installation and maintenance of silt fence on the project as shown on the construction drawings or deemed necessary by the Project Manager. All silt fence installed must comply with the City's Erosion and Sediment Control Requirements as defined in Article III of the Code of the City of Auburn, and the Alabama Handbook for Erosion Control, Sediment Control and Stormwater Management on Construction Sites and Urban Areas. The work shall include excavation needed to install silt fences, maintenance including removing sediment from silt fences during construction, removing silt fences at the end of construction, backfilling and compacting trenches once silt fences are removed, and other incidental items of work.

Measurement shall be based on linear feet of Silt Fence installed. Payment shall be based on the unit price bid for Silt Fence.

37 TEMPORARY COARSE AGGREGATE, ALDOT NUMBER 1

Work under this item shall include furnishing, placing, maintaining, and removing temporary coarse aggregate in accordance with Section 665 of the Alabama Department of Transportation Standard Specifications for Highway Construction, latest edition.

Measurement shall be made based upon the quantity of tons of temporary coarse aggregate placed and accepted. Payment shall be made at the contract unit price bid per ton for Temporary Coarse Aggregate.

38 INLET PROTECTION, STAGE 3 OR 4

Work under this item shall include furnishing, installing, maintaining, and removing inlet protection devices in accordance with Section 665 of the Alabama Department of Transportation Standard Specifications for Highway Construction, latest edition, and as shown on the plans.

Measurement shall be made based upon the quantity of inlet protection devices installed and accepted. Payment shall be made at the contract unit price bid per each for Inlet Protection.

39 WATTLES

Work under this item shall include all labor, materials, and equipment necessary for the complete installation of straw wattles on the project as noted on the construction drawings or as deemed necessary by the Project Manager in drainage swales, inlet locations or areas. Straw wattles shall be from an approved source and shall comply with the City's Erosion and Sediment Control Requirements as defined in Article III of the Code of the City of Auburn, and the Alabama Handbook for Erosion Control, Sediment Control and Stormwater Management on Construction Sites and Urban Areas. The wattles shall be removed once sod has been placed or the Project Manager has determined that an acceptable stand of grass exists to no longer warrant the wattles.

Measurement shall be based upon linear feet of straw Wattles installed on the project. Payment shall be based upon the unit price bid for straw Wattles.

40 PEST CONTROL

Work under this item shall include furnishing and applying pest control treatment in accordance with Section 666 of the Alabama Department of Transportation Standard Specifications for Highway Construction, latest edition.

Measurement shall be made based upon the quantity of acres treated and accepted. Payment shall be made at the contract unit price bid per acre for Pest Control Treatment.

NOT FOR BIDDING PURPOSES

41 CONSTRUCTION SAFETY FENCE

Work under this item shall include furnishing, installing, maintaining, and removing construction safety fence in accordance with Section 674 of the Alabama Department of Transportation Standard Specifications for Highway Construction, latest edition.

Measurement shall be made based upon the quantity of linear feet of safety fence installed and accepted. Payment shall be made at the contract unit price bid per linear foot for Construction Safety Fence.

42 ENGINEERING CONTROLS

Work under this item shall include all labor, materials and equipment necessary for placing and maintaining construction stakes, lines, controls, and grades for proper execution of the work. This work shall also include the re-setting of any property pins disturbed during construction by a licensed professional land surveyor. As-builts will be required for storm sewer modifications, per the City of Auburn Engineering Design and Construction Manual.

Measurement and payment shall be based on the lump sum price bid for Engineering Controls.

43 SOLID TRAFFIC STRIPE REMOVED (PAINT)

Work under this item shall include removal of existing solid traffic stripe in accordance with Section 701 of the Alabama Department of Transportation Standard Specifications for Highway Construction, latest edition. Removal methods shall not damage the underlying pavement surface and shall meet all surface preparation requirements for new markings.

Measurement shall be made based upon the quantity of miles of solid traffic stripe removed and accepted. Payment shall be made at the contract unit price bid per mile for Solid Traffic Stripe Removal and shall include full compensation for removal, surface cleaning, disposal of materials, and incidental work.

44 SOLID TEMPORARY TRAFFIC STRIPE (5" WIDE)

Work under this item shall include all labor, equipment, and materials necessary for the complete installation of Solid Temporary Traffic Stripe (5" Wide) in accordance with the Alabama Department of Transportation Standard Specifications for Highway Construction, latest edition. Work shall include placement of temporary striping as shown on the construction drawings and specifications for this project.

Measurement shall be based upon linear feet of Solid Temporary Traffic Stripe (5" Wide) installed. Payment shall be based upon the unit price bid for Solid Temporary Traffic Stripe (5" Wide).

NOT FOR BIDDING PURPOSES

45 SOLID WHITE CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)

Work under this item shall include all labor, equipment, and materials necessary for the complete installation of Solid White, Class 2, Type A, Traffic Stripe (5" Wide) in accordance with the Alabama Department of Transportation Standard Specifications for Highway Construction, latest edition. Work shall include placement of new striping as shown on the construction drawings and specifications for this project.

Measurement shall be based upon linear feet of Solid White, Class 2, Type A Traffic Stripe (5" Wide) installed. Payment shall be based upon the unit price bid for Solid White, Class 2, Type A Traffic Stripe (5" Wide).

46 BROKEN YELLOW, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)

Work under this item shall include all labor, equipment, and materials necessary for the complete installation of Broken Yellow, Class 2, Type A, Traffic Stripe (5" Wide) in accordance with the Alabama Department of Transportation Standard Specifications for Highway Construction, latest edition. Work shall include placement of new striping as shown on the construction drawings and specifications for this project.

Measurement shall be based upon linear feet of Broken Yellow, Class 2, Type A Traffic Stripe (5" Wide) installed. Payment shall be based upon the unit price bid for Broken Yellow, Class 2, Type A Traffic Stripe (5" Wide).

47 SOLID YELLOW, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)

Work under this item shall include all labor, equipment, and materials necessary for the complete installation of Solid Yellow, Class 2, Type A, Traffic Stripe (5" Wide) in accordance with the Alabama Department of Transportation Standard Specifications for Highway Construction, latest edition. Work shall include placement of new striping as shown on the construction drawings and specifications for this project.

Measurement shall be based upon linear feet of Solid Yellow, Class 2, Type A Traffic Stripe (5" Wide) installed. Payment shall be based upon the unit price bid for Solid Yellow, Class 2, Type A Traffic Stripe (5" Wide).

48 BROKEN TRAFFIC STRIPE REMOVED (PAINT)

Work under this item shall include removal of existing broken traffic stripe in accordance with Section 701 of the Alabama Department of Transportation Standard Specifications for Highway Construction, latest edition.

Measurement shall be based upon linear feet of broken traffic stripe removed and accepted. Payment shall be based upon the unit price bid per linear foot for Broken Traffic Stripe Removal.

NOT FOR BIDDING PURPOSES

49 TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A

Work under this item shall include all labor, equipment, and materials necessary for the complete installation of Traffic Control Markings, Class 2, Type A in accordance with the Alabama Department of Transportation Standard Specifications for Highway Construction, latest edition. Work shall include placement of new markings as shown on the construction drawings and specifications. Work under this pay item shall also include removal (grinding) of existing traffic control markings where new markings will not align with the existing markings on the edge of the project limits.

Measurement shall be based upon square feet of Traffic Control Markings, Class 2, Type A placed. Payment shall be based upon the unit price bid for Traffic Control Markings, Class 2, Type A.

50 REMOVAL OF EXISTING TRAFFIC CONTROL MARKINGS OR LEGENDS (PAINT)

Work under this item shall include removal of existing traffic control markings or legends in accordance with Section 703 of the Alabama Department of Transportation Standard Specifications for Highway Construction, latest edition.

Measurement shall be based upon square feet of traffic control markings or legends removed and accepted. Payment shall be made at the contract unit price bid for Removal of Existing Traffic Control Markings or Legends (Paint).

51 TEMPORARY TRAFFIC CONTROL MARKINGS

Work under this item shall include all labor, equipment, and materials necessary for the placement of temporary traffic control markings as shown on the attached contract documents. Temporary markings shall be installed the same day for any existing markings that are covered during paving operations. Striping material shall be Class I, Type "A" paint with reflective beads and shall be placed in accordance with Alabama Department of Transportation Standard Specifications for Highway Construction, latest edition.

Measurement shall be based upon square feet of Temporary Traffic Control Markings installed. Payment shall be based upon the unit price bid for Temporary Traffic Control Markings.

52 PAVEMENT MARKERS, CLASS C, TYPE 1-A

Work under this item shall include furnishing and installing pavement markers in accordance with Section 705 of the Alabama Department of Transportation Standard Specifications for Highway Construction, latest edition, and as shown on the plans.

Measurement shall be based upon each pavement marker installed and accepted. Payment shall be based upon the unit price bid per each for Pavement Markers, Class C, Type 1-A.

53 PAVEMENT MARKERS, CLASS C, TYPE 1-B

Work under this item shall include furnishing and installing pavement markers in accordance with Section 705 of the Alabama Department of Transportation Standard Specifications for Highway Construction, latest edition.

Measurement shall be based upon each pavement marker installed and accepted. Payment shall be based upon the unit price bid per each for Pavement Markers, Class C, Type 1B.

54 PAVEMENT MARKERS, CLASS A-H, TYPE 1-B

Work under this item shall include all labor, equipment, and materials necessary for the complete furnishing and installation of Pavement Markers, Class A-H, Type 1B, in accordance with the Alabama Department of Transportation Standard Specifications for Highway Construction, latest edition. Work under this pay item shall also include removal of existing pavement markers.

Measurement shall be based on each Pavement Marker, Class A-H, Type 1B placed. Payment shall be based on the unit price bid for Pavement Marker, Class A-H, Type 1B.

55 PORTABLE CONCRETE SAFETY BARRIER, TYPE 6

Work under this item shall include furnishing, installing, maintaining, relocating, and removing portable concrete safety barrier in accordance with Section 726 of the Alabama Department of Transportation Standard Specifications for Highway Construction, latest edition.

Measurement shall be based upon linear feet of barrier installed and accepted. Payment shall be based upon the unit price bid per linear foot and shall include full compensation for furnishing, placement, connection hardware, maintenance, relocation, removal, and incidental work.

56 PORTABLE IMPACT ATTENUATOR

Work under this item shall include furnishing, installing, maintaining, relocating, and removing portable impact attenuators in accordance with Section 726 of the Alabama Department of Transportation Standard Specifications for Highway Construction, latest edition.

No separate measurement shall be made for this item of work. Payment shall be based upon the unit price bid per each and shall include full compensation for furnishing, installation, maintenance, relocation, removal, and incidental work.

57 RELOCATION OF PEDESTAL POLE AND FOUNDATION WITH FLASHING BEACON (POLE 1)

Work under this item shall include relocating existing pedestal poles and foundations, including flashing beacon assemblies, in accordance with Section 730 of the Alabama Department of

Transportation Standard Specifications for Highway Construction, latest edition. This shall include removal, transportation, reinstallation, rewiring, and restoration.

No separate measurement shall be made for this item of work. Payment shall be based upon the unit price bid and shall include full compensation for removal, transport, reinstallation, electrical reconnection, and incidental work.

58 RELOCATION OF PEDESTAL POLE AND FOUNDATION WITH FLASHING BEACON (POLE 2)

Work under this item shall include relocating existing pedestal poles and foundations, including flashing beacon assemblies, in accordance with Section 730 of the Alabama Department of Transportation Standard Specifications for Highway Construction, latest edition. This shall include removal, transportation, reinstallation, rewiring, and restoration.

No separate measurement shall be made for this item of work. Payment shall be based upon the unit price bid and shall include full compensation for removal, transport, reinstallation, electrical reconnection, and incidental work.

59 CONSTRUCTION SIGNS

Work under this item shall include all labor, equipment, and materials necessary for the complete installation of construction signs in accordance with the Alabama Department of Transportation Standard Specifications for Highway Construction, latest edition and the Manual on Uniform Traffic Control Devices, latest edition. Temporary signs shall be taken down when not in use. Signs without the correct retroreflectivity will not be allowed.

Measurement shall be based upon square feet of Construction Signs installed. Payment shall be based upon the unit price bid for Construction Signs.

60 CHANNELIZING DRUMS

Work under this item shall include all labor, equipment, and materials necessary for the complete installation of channelizing drums in accordance with the Alabama Department of Transportation Standard Specifications for Highway Construction, latest edition and the Manual on Uniform Traffic Control Devices, latest edition.

Measurement shall be based upon each Channelizing Drum installed. Payment shall be based upon the unit price bid for Channelizing Drums.

61 CONES (36" HIGH)

Work under this item shall include all labor, equipment, and materials necessary for the complete installation of cones in accordance with the Alabama Department of Transportation Standard Specifications for Highway Construction, latest edition and the Manual on Uniform Traffic Control Devices, latest edition. This work shall also include ballasts for cones.

NOT FOR BIDDING PURPOSES

Measurement shall be based upon each Cone (36" High) installed. Payment shall be based upon the unit price bid for Cones (36" High).

62 BARRICADES, TYPE III

Work under this item shall include furnishing, installing, maintaining, and removing Type III barricades in accordance with Section 740 of the Alabama Department of Transportation Standard Specifications for Highway Construction, latest edition, and in compliance with the MUTCD.

Measurement shall be based upon each barricade installed and accepted. Payment shall be based upon the unit price bid for Barricades, Type III.

63 PORTABLE SEQUENTIAL ARROW AND CHEVRON SIGN UNIT

Work under this item shall include all labor, equipment, and materials necessary for the complete furnishing and daily operation of a working portable sequential arrow and chevron sign unit.

Measurement shall be based upon each Portable Sequential Arrow and Chevron Sign Unit. Payment shall be based upon the unit price bid for Portable Sequential Arrow and Chevron Sign Unit.

64 PORTABLE CHANGEABLE MESSAGE SIGN, TYPE 2

Work under this item shall include furnishing, installing, operating, maintaining, relocating, and removing Portable Changeable Message Signs in accordance with Section 742 of the Alabama Department of Transportation Standard Specifications for Highway Construction, latest edition.

Measurement shall be based upon each Portable Changeable Message Sign, Type 2 provided and accepted. Payment shall be based upon the unit price bid per each Portable Changeable Message Sign, Type 2.

65 COFFERDAM OR SHEETING AND SHORING

Work under this item shall include furnishing, installing, maintaining, and removing cofferdams or sheeting and shoring required for the construction of structures in accordance with Section 215 of the Alabama Department of Transportation Standard Specifications for Highway Construction, latest edition, and as shown on the plans or as directed by the Engineer. This work shall include excavation as necessary, pumping, bracing, anchoring, and all materials, labor, equipment, and incidentals required to phase construct the concrete box culvert.

No separate measurement shall be made for this work. Payment shall be made at the contract lump sum price bid for Cofferdams or Sheeting and Shoring.

NOT FOR BIDDING PURPOSES

66 DUCTILE IRON PIPE WATER MAIN

Work under this item shall include all labor, equipment, and materials necessary for the installation of the water main in accordance with Section 14 of the City of Auburn Standard Specifications, latest edition.

No separate payment shall be made for changing the horizontal alignment of the water main to avoid a horizontal conflict, except where authorized for additional fittings and/or pipe.

No separate payment shall be made for lowering the water main alignment to avoid a vertical conflict, except where authorized for additional fittings. No payment shall be made for relocation of existing utilities.

No separate payment shall be made for traffic control or maintaining highways, streets, roadways and driveways for the installation of the water main.

No separate payment shall be made for any surveying performed by the Contractor to establish or confirm the location of reference points, right-of-ways or easements or location and grade of the water main.

No additional payment will be made for replacement of defective materials.

Measurement shall be based upon the linear footage installed. Measurement for payment shall be made along the centerline of the pipe, through valves and fittings. No payment shall be made for sections of pipe which are not installed.

67 DUCTILE IRON PIPE FITTINGS

Work under this item shall include all labor, equipment, and materials necessary for the installation of the water main in accordance with Section 14 of the City of Auburn Standard Specifications, latest edition.

No additional payment will be made for replacement of defective materials.

Measurement shall be based upon the tonnage installed. Weight of fittings for payment shall be AWWA C110 standard weight for all mechanical joint ends and shall not include the weight of bolts, glands, or cement lining.

68 14-INCH GATE VALVES

Work under this item shall include all labor, equipment, and materials necessary for the installation of the 14-inch gate valves in accordance with Section 14 of the City of Auburn Standard Specifications, latest edition.

No additional payment will be made for replacement of defective materials.

NOT FOR BIDDING PURPOSES

Measurement shall be based upon the quantity installed. The cost for providing the retainer glands shall be included in the unit price bid for valves.

69 14-INCH CONCRETE THRUST COLLAR

Work under this item shall include all costs, including but not limited to, excavation, concrete, concrete forming if required, reinforcement, and backfilling necessary for the installation of the 14-inch concrete thrust collars in accordance with the Drawings.

No additional payment shall be made for additional concrete used due to over excavation or other reasons unless dimensions are increased at the direction of the Engineer.

Measurement shall be based upon the quantity installed.

70 CONNECT W/ SOLID SLEEVE

Work under this item shall include all labor, equipment, and materials necessary for connecting to the existing water main in accordance with Section 14 of the City of Auburn Standard Specifications, latest edition.

Measurement shall be based upon the quantity completed. The cost for providing the retainer glands shall be included in the unit price bid for valves.

71 CLEAN-UP, TESTING AND DISINFECTION

Work under this item shall include all labor, equipment, and materials necessary for clean-up, testing and disinfection. Payment shall be made at the unit price provided in the Bid for Clean Up, Testing, and Disinfection. Any other cost for labor, material and equipment required shall be included in the unit price bid for Water Main.

Measurement shall be based upon the length of line pressure tested and disinfected that has been successfully completed to the satisfaction of the Owner for that segment of line for which payment is being requested.

72 BORROW EXCAVATION (APPROXIMATELY 255 CUBIC YARDS)

Work under this item shall include all labor, materials, and equipment necessary for hauling, overhaul, building of embankments, mixing, wetting, drying, rolling, filling, compacting, testing, finishing and protecting slopes, and other incidental work associated with subgrade and shoulder preparation and completion. All such material shall be from an approved source and shall meet the testing requirements set forth in the City of Auburn Standard Details and Specifications.

Measurement and payment shall be based on the lump sum price bid for Borrow Excavation (Approximately 255 Cubic Yards).

NOT FOR BIDDING PURPOSES

ALLOWANCES

01 REMOVAL OF UNSUITABLE MATERIAL AND REPLACEMENT

No payment will be made for select backfill unless authorized by the Owner. No payment shall be made for select backfill where in situ soils do not meet the moisture requirements. If authorized by the Owner, payment for removal and replacement of unsuitable backfill material will be made at the unit price bid for Removal of Unsuitable Backfill Material and Replacement with:

- a. Crushed Stone
- b. Suitable Earth Material

If authorized by the Owner, measurement for payment shall be based on a trench width equal to the outside diameter of the pipe barrel plus two feet, and a depth measured at the pipe centerline, from the top of the unsuitable material to the bottom of the unsuitable material or the specified bottom of the trench, whichever has the higher elevation. If under pavement, the measured depth shall extend to the pavement sub grade. No payment will be made for additional excavation as a result of the Contractor's means and methods such as trench box width or sloped trenches, even if these measures are taken as a result of OSHA requirements or other reasons.

02 TRENCH FOUNDATION AND STABILIZATION

No separate payment will be made for earth excavation. The cost of such work and all costs incidental thereto shall be included in the price bid for the item to which the work pertains. Additional costs of corrective work, made necessary by unauthorized excavation of earth or rock, shall be borne by the Contractor.

Dewatering: No separate payment will be made for dewatering required to accomplish the work.

- a. Payment for beyond bedding shall be at the unit price bid for Beyond Bedding under trench stabilization. Payment shall include all costs for the placement of the beyond.
- b. Payment for filter fabric shall be at the unit price bid for Filter Fabric under trench stabilization. Payment shall include all costs for the placement of the filter fabric.

Backfilling: No separate payment will be made for backfilling or excavation, hauling and placement borrow material. The cost of all such work and all costs incidental thereto shall be included in the unit price bid for the item to which the work pertains.

03 Mass Rock Excavation

No separate payment will be made for mass rock excavation. The cost of such work and all costs incidental thereto shall be included in the base bid quantity allowance including the removal of 134 cubic yards of mass rock, proper disposal, and replacement with suitable material from off-site.

- a. Remove mass rock from below the established cut line, properly dispose of removed materials off-site, and replace with off-site material conforming to project specifications and placed and compacted to specified requirements.

NOT FOR BIDDING PURPOSES

NOT FOR BIDDING PURPOSES

**APPENDIX A. EAST UNIVERSITY DRIVE AND SUMMERTREES
DRIVE CULVERT REPLACEMENT PLANS**

CONSTRUCTION PLANS FOR EAST UNIVERSITY DRIVE AND SUMMERTREES DRIVE CULVERT REPLACEMENT

FOR THE CITY OF AUBURN AUBURN, ALABAMA



CITY CONTACTS	
HOLLAND DANIEL, P.E. PROJECT MANAGER - CAPITAL PROJECTS (334) 501-3014 hdaniel@auburnalabama.gov	
JUSTIN FOSTER ENGINEERING INSPECTIONS (334) 501-3017 jfooster@auburnalabama.org	
KRIS BERRY, P.E. UTILITY ENGINEER (334) 501-3064 kberry@auburnalabama.org	

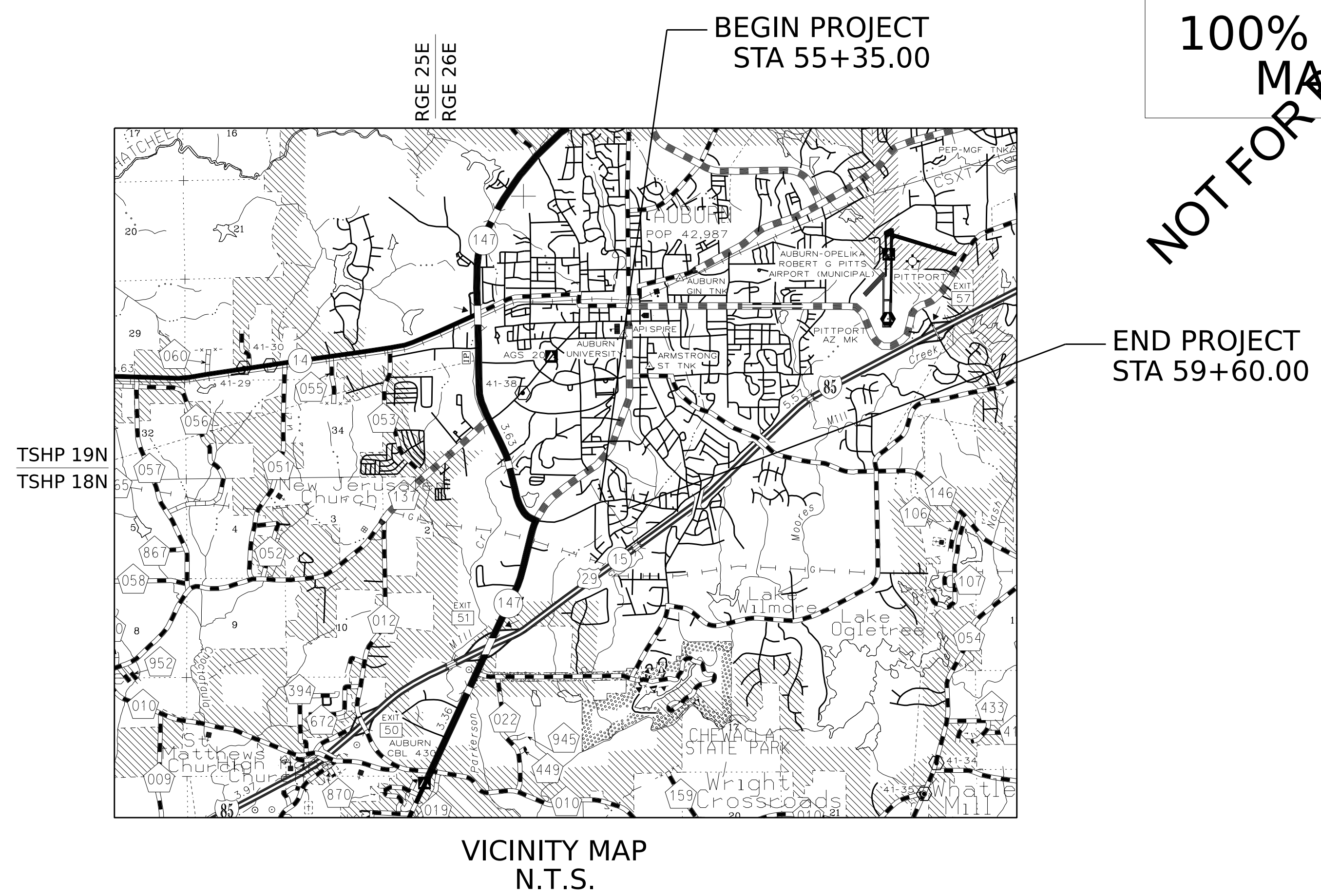
UTILITY	CONTACT	EMAIL	PHONE
AUBURN WATER & SEWER	TIMOTHY JOHNSON	tjohnson@auburnalabama.org	N/A
SPIRE (GAS)	ALAINA KIZZIAH	alaina.kizziah@spireenergy.com	N/A
AT&T (TELECOM)	PATRICK ENGLISH	pe314x@att.com	N/A
ALABAMA POWER (POWER)	T.J. PEARSON	tepearso@southernco.com	(334) 352-2495



100% PLAN SUBMITTAL
MARCH 20, 2026

NOT FOR BIDDING PURPOSES

INDEX OF DRAWINGS	
SHEET NO.	TITLE
1	TITLE SHEET
1A	PLANS LEGEND SHEET
1B	PLANS ABBREVIATIONS SHEET
1C	GEOMETRIC LAYOUT AND SURVEY CONTROL AND GEOMETRIC DATA SHEET
2	TYPICAL SECTIONS SHEET
2A	TYPICAL SECTION DETAILS SHEET
2B	PROJECT NOTES SHEET
2C	TRAFFIC CONTROL PLAN NOTES SHEET
3	OMIT
4	PLAN AND PROFILE SHEET
5	PROFILE SHEET
6-9	OMIT
10	PAVING LAYOUT AND SIGNING AND STRIPING SHEET
11 - 14	OMIT
15 - 16	DRAINAGE CROSS SECTION SHEETS
17 - 19	OMIT
20	TRAFFIC CONTROL PLAN - SEQUENCE OF CONSTRUCTION SHEET
21	TEMPORARY TRAFFIC CONTROL PLAN - PHASE 2
22	TEMPORARY TRAFFIC CONTROL PLAN - PHASE 3
23 - 25	TEMPORARY TRAFFIC CONTROL PLAN DETAIL SHEETS
26 - 29	OMIT
30	UTILITY PLAN SHEET
31	WATER MAIN RELOCATION PLAN
32	WATER MAIN RELOCATION PROFILE
32A	WATER RELOCATION DETAILS
33	EROSION AND SEDIMENT CONTROL LEGEND SHEET
34	EROSION AND SEDIMENT CONTROL - INITIAL PHASE
35	EROSION AND SEDIMENT CONTROL - INTERMEDIATE PHASE
36	EROSION AND SEDIMENT CONTROL - FINAL PHASE
37	SPECIAL PROJECT DETAIL - REINFORCED CONCRETE BOX CULVERT TRIPLE OPENING 12' X 7'
38	SPECIAL PROJECT DETAIL - REINFORCED CONCRETE BOX CULVERT WINGS OPENING 7' HEIGHT 3:1 SLOPE
39 - 47	OMIT
48 - 50	TEMPORARY DIVERSION CROSS SECTIONS



TITLE SHEET

EAST UNIVERSITY DRIVE AND SUMMERTREES DRIVE
CULVERT REPLACEMENT

AUBURN, ALABAMA

REV.	DR.	CHK.	DATE	DESCRIPTION

PLANS LEGEND SHEET

CENTER LINE.....	
STATE BOUNDARY LINE.....	
COUNTY BOUNDARY LINE.....	
CITY OR TOWN LIMITS.....	
SECTION LINES.....	SEC 22 SEC 23
QUARTER-SECTION LINES.....	
RANGE-TOWNSHIP LINES.....	R-17-E R-18-E
PROPERTY LINES.....	
PRESENT ROW.....	PRES ROW
ACQUIRED ROW.....	
DENIED ACCESS.....	
REQUIRED FENCE.....	
CONSTRUCTION LIMITS.....	CONST LIM
CLEARING LIMITS.....	
RAILROAD.....	
EXISTING WOOD FENCE.....	
EXISTING BARBED WIRE FENCE.....	
EXISTING CHAIN LINK FENCE.....	
EXISTING ELECTRIC FENCE.....	e e e
EXISTING HOG WIRE FENCE.....	
TREES.....	
WOODS LINE.....	
MARSH.....	
EXISTING DITCH.....	
REQUIRED DITCH.....	
GRAVEL ROAD.....	
EXISTING GUARDRAIL.....	
REQUIRED GUARDRAIL.....	
EXISTING CABLE GUIDERAIL.....	
REQUIRED CABLE GUIDERAIL.....	
SATELLITE DISH.....	
TRAFFIC LIGHT.....	
BENCH MARK.....	
SURVEY POINT.....	
ENVIRONMENTAL CLEARED LIMITS.....	ENV

55+00

EXISTING PIPE.....	
REQUIRED PIPE (WITH PIPE END TREATMENT).....	
REQUIRED PIPE END TREATMENT.....	
EXISTING BOX CULVERT.....	
REQUIRED BOX CULVERT.....	
EXTENDED CULVERT.....	
DROP INLET OR JUNCTION BOX (SEE PLANS DESCRIPTION).....	
BRIDGE.....	
PIPE CULVERT (ELEVATION VIEW).....	FL=410.25
BOX CULVERT (ELEVATION VIEW).....	FL=410.55

DRAINAGE STRUCTURE INDEX NUMBERS

DRAINAGE STRUCTURE WRITE-UPS ARE LOCATED ON THE DRAINAGE CROSS-SECTION SHEETS. STRUCTURES WITH WRITE-UPS ARE INDEXED AT EACH END, WITH NUMBERS ASSIGNED BY DIRECTION OF FLOW. THE NUMBER IN THE UPPER HALF OF THE CIRCLE (EXAMPLE 8 OR 9) IS THE DRAWING STRUCTURE INDEX NUMBER. THE NUMBER IN THE LOWER HALF (EXAMPLE 88) IS THE SHEET REFERENCE NUMBER.



REQD 18" RCP

ROADWAY PIPE EXAMPLE



REQD 18"

SIDE DRAIN PIPE EXAMPLE

DIRECTION OF FLOW.....

ALL INFORMATION CONCERNING THE DISPOSITION OF SIDE DRAIN PIPE IS SHOWN ON THE SUMMARY OF QUANTITIES BOX SHEET. THE TOP LETTERS (SD) ARE FOR SIDE DRAIN AND THE BOTTOM NUMBER IS THE DRAINAGE STRUCTURE INDEX NUMBER.

UTILITIES

	EXISTING	PROPOSED
POWER POLE.....		
LIGHT POLE.....		
TELEPHONE POLE.....		
ANCHOR.....		
STUB (POWER).....		
STUB (TELEPHONE).....		
ELECTRIC DUCT.....	EL 4MTD	EL 4MTD
BURIED ELECTRIC CABLE.....	BE BE	BE BE
OVERHEAD ELECTRIC CABLE.....	OE OE	OE OE
ELECTRIC MANHOLE.....		
TOWER.....		
TELEPHONE PEDESTAL.....		
TELEPHONE DUCT.....	TP 4MTD	TP 4MTD
BURIED TELEPHONE CABLE.....	BTC BTC	BTC BTC
OVERHEAD TELEPHONE CABLE.....	OTC OTC	OTC OTC
TELEPHONE MANHOLE.....		
SANITARY SEWER.....	S S	SS SS
WATER LINE.....	W W	W W
WATER MAIN.....	WM WM	WM WM
WATER VALVE.....		
FIRE HYDRANT.....		
WATER METER.....		
GAS LINE.....	G G	G G
GAS MAIN.....	GM GM	GM GM
GAS VALVE.....		
GAS REGULATOR.....		
BURIED CABLE TELEVISION.....	BTV BTV	BTV BTV
OVERHEAD CABLE TELEVISION.....	OTV OTV	OTV OTV

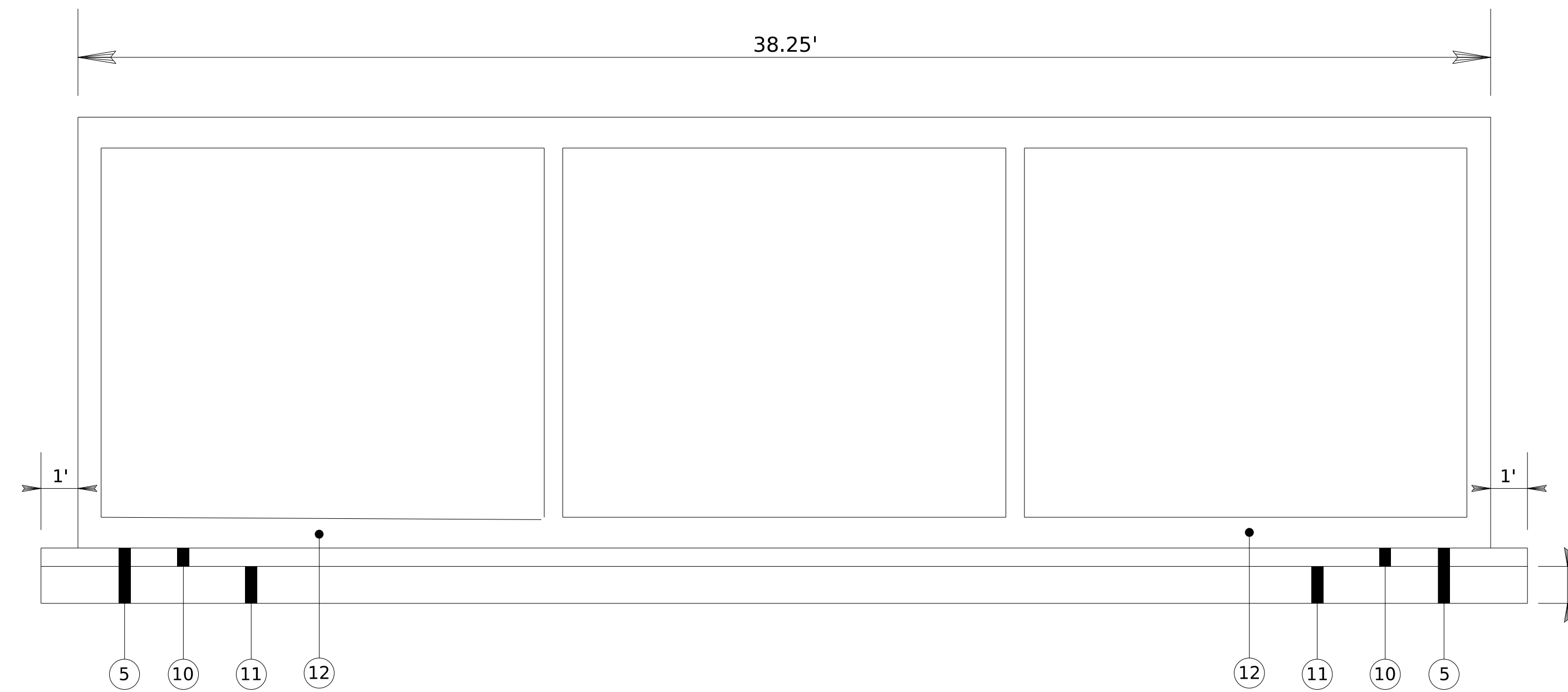
EXISTING PAVEMENT (RETAIN).....	
EXISTING PAVEMENT (REMOVE).....	
EXISTING PAVEMENT (PLANE AND OVERLAY).....	
CONCRETE (EXISTING OR REQUIRED).....	
EXISTING CONCRETE (REMOVE).....	
RIP RAP (EXISTING OR REQUIRED).....	



REV.	DR.	CHK.	DATE	DESCRIPTION

TYPICAL SECTION DETAILS SHEET

PROJECT NOTES
201

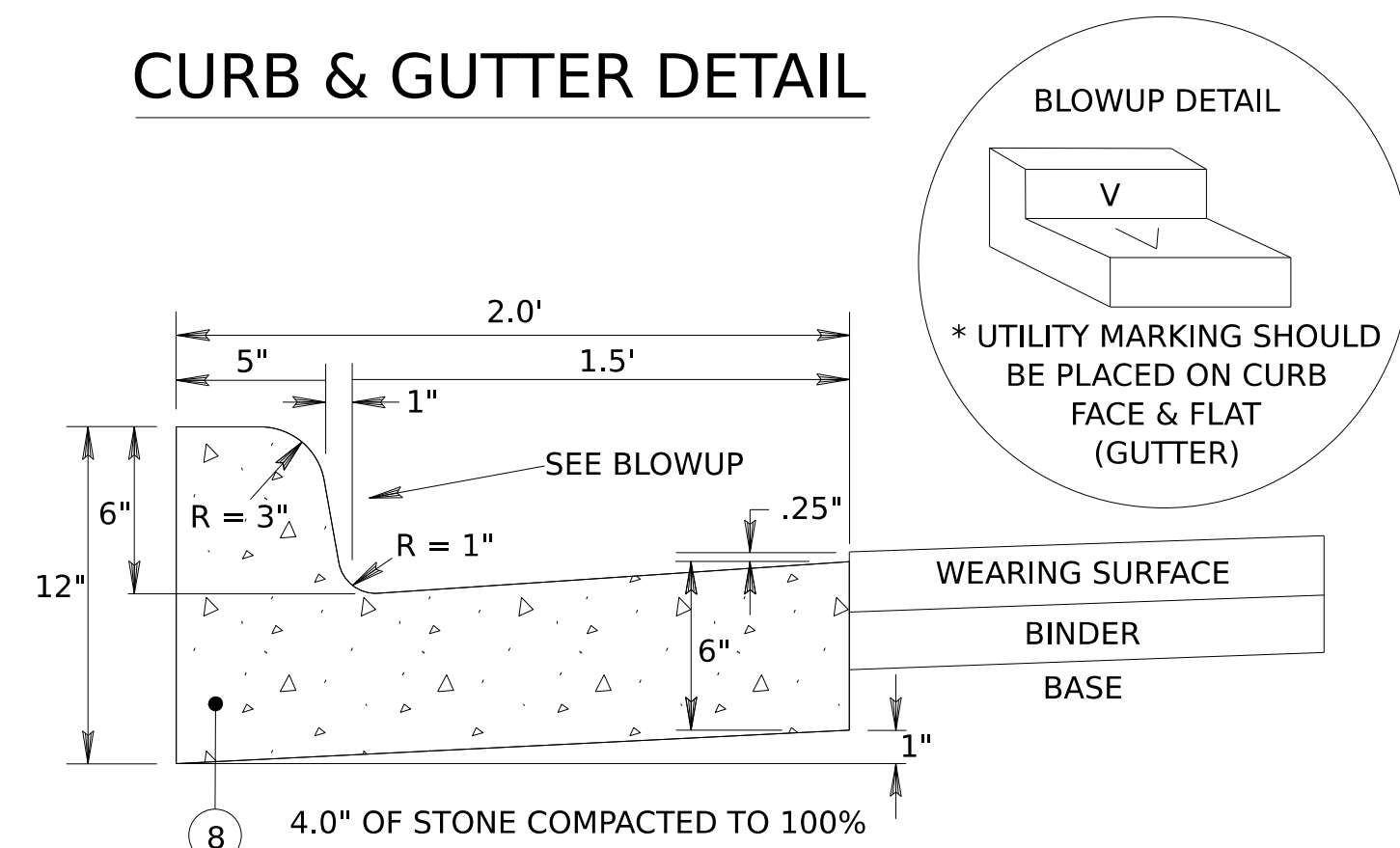


95'- REINFORCED CONCRETE BOX CULVERT TRIPLE OPENING 12'
FOUNDATION DETAIL
STA 57+51.99

NOTE:

OVER-EXCAVATION AND BEDDING MATERIAL SHALL EXTEND AT LEAST ONE (1) FOOT BEYOND EACH SIDE OF THE CULVERT.

CURB & GUTTER DETAIL



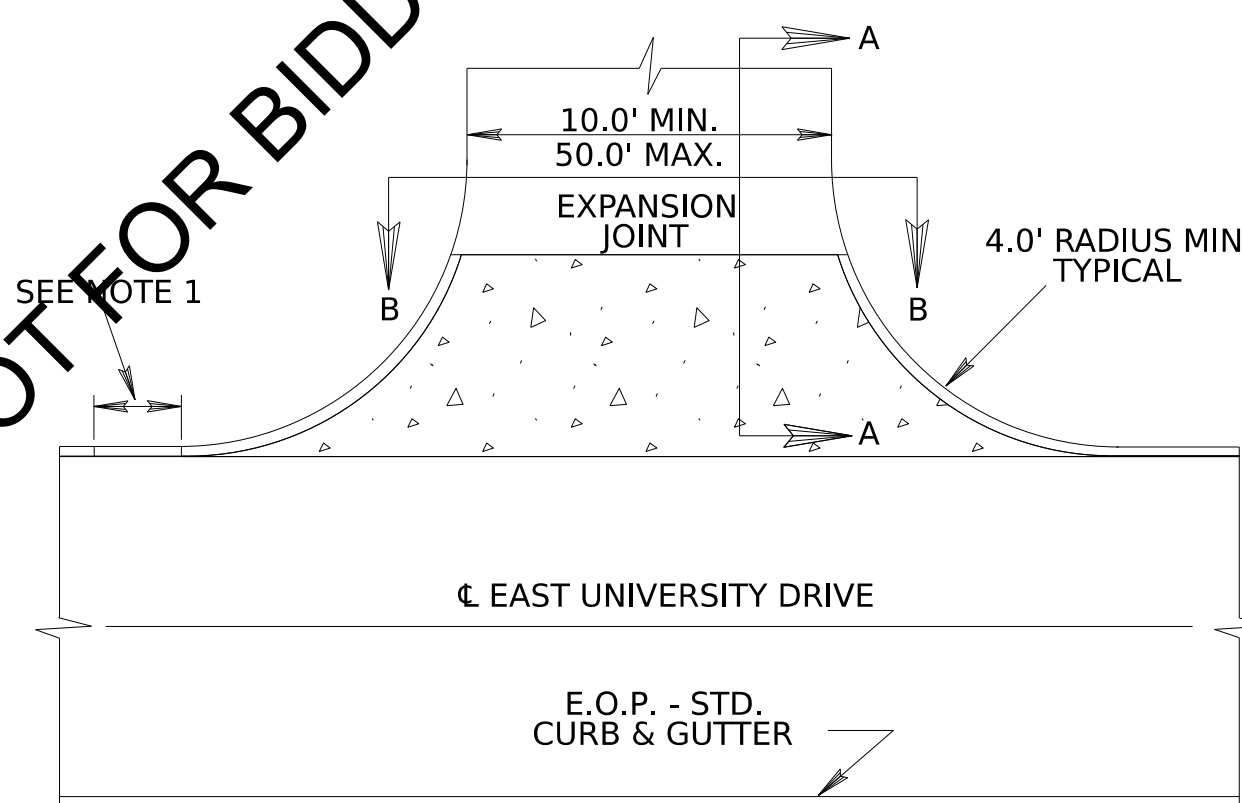
** USE OF SPILL CURB MUST BE REVIEWED AND APPROVED PRIOR TO INSTALLATION

NOTE:

CURB AND GUTTER SHALL BE CAST IN PLACE WITH THE FOLLOWING REQUIREMENTS: EXPANSION JOINT AT FIFTY (50.0') FOOT INTERVALS WITH DUMMY JOINTS AT TEN (10.0') FOOT INTERVALS. WHEN ELECTRIC, GAS, SEWER OR WATER SERVICE LINES ARE IN PLACE, AN "E", "G", "S" OR "W" SHALL BE MARKED ON CURB FACE AND FLAT/GUTTER AT THE APPROPRIATE LOCATIONS. AFTER THE CURB & GUTTER HAS BEEN CURED, EXTRA PRECAUTIONS WILL BE TAKEN DURING BACKFILLING AND/OR OTHER ACTIVITIES TO PREVENT DAMAGE OR MARRING OF FINISH; REFER TO CURB & GUTTER DETAILS FOR PLACEMENT OF UTILITY MARKINGS WITH A MIN. OF 4"x2" LETTERS.

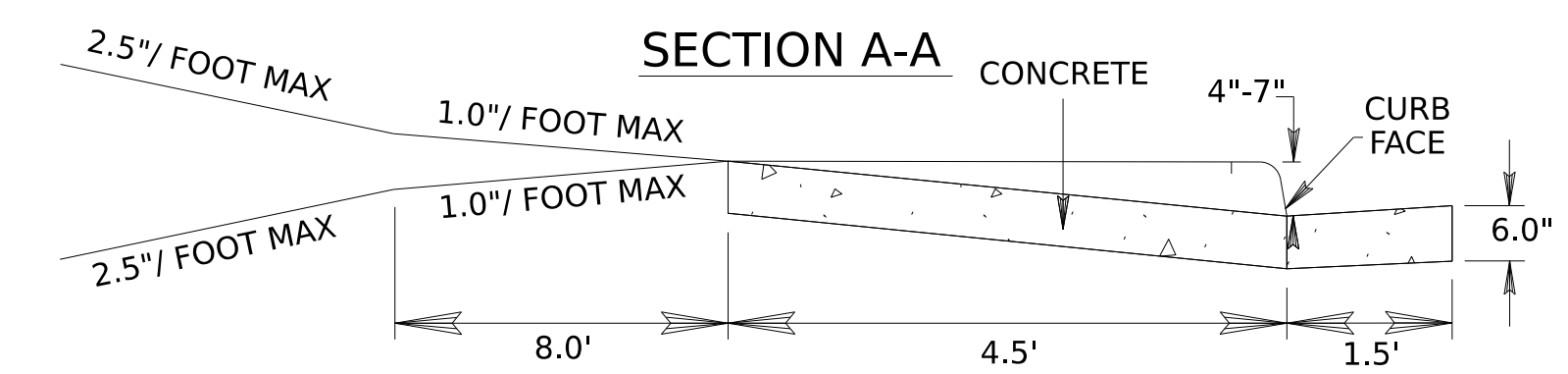
NOT FOR BIDDING PURPOSES

STANDARD DRIVEWAY DETAIL

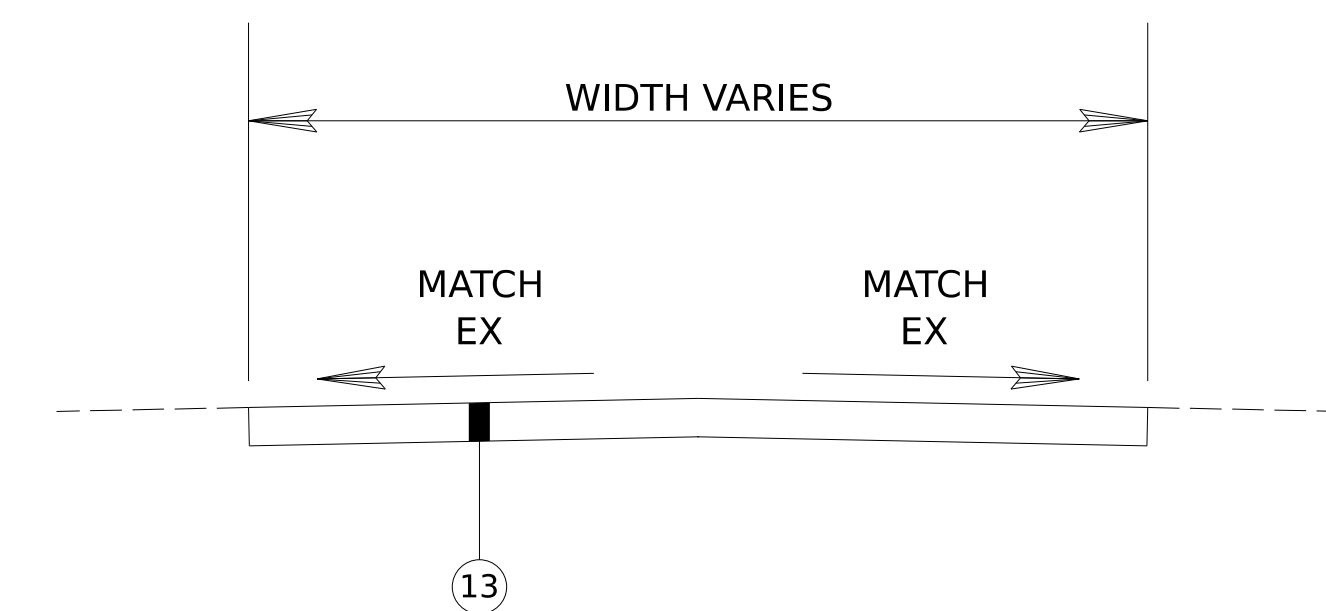


NOTE:

- DISTANCE FROM RADIUS POINT TO EXISTING EXPANSION OR CONSTRUCTION JOINT SHALL BE AT LEAST 3'. IF THE DISTANCE IS LESS THAN 3.0', CURB & GUTTER SHALL BE REPLACED TO THE EXISTING JOINT.
- EXPANSION JOINT TO BE PLACED AT TIE IN.
- THE TEN FOOT MINIMUM WIDTH IS FOR RESIDENTIAL USES ON LOCAL STREETS, CUL-DE-SACS, AND ALLEYS. ALL OTHERS WILL BE TWELVE FOOT MINIMUM WIDTH. THE 50' WIDTH IS RESERVED FOR COMMERCIAL AND MULTI UNIT RESIDENTIAL DEVELOPMENTS. FOR ALL OTHER RESIDENTIAL USES THE MAXIMUM DRIVEWAY WIDTH SHALL BE 24'.
- DRIVEWAY TURNOUT WIDTHS ARE MEASURED AT THE RIGHT OF WAY.
- REMOVE CURB & GUTTER FOR DRIVEWAY TURNOUT PLACEMENT. SAW CUTTING IS PERMITTED ALONG THE CURB LINE / GUTTER TO MAINTAIN EXISTING GUTTER.
- ALL CONCRETE SHALL BE A MINIMUM OF SIX INCHES THICK.
- RADII FOR USES OTHER THAN RESIDENTIAL MUST BE TWENTY-FIVE FOOT, MINIMUM.
- ON STREETS WITH SIDEWALK CONCRETE DRIVEWAY TURNOUT MUST EXTEND TO THE BACK EDGE OF THE SIDEWALK.
- CONCRETE DRIVEWAY TURNOUT MUST MEET CITY STANDARDS OR CAN BE DESIGNED TO SITE SPECIFIC CONDITIONS. CONCRETE
- IF ON A NON-CURB AND GUTTER STREET AN ASPHALT APRON MAY BE UTILIZED.



SECTION B-B



TYPICAL SECTION
CONCRETE DRIVEWAY

REQUIRED MATERIALS LEGEND		
LEGEND #	ITEM #	ITEM DESCRIPTION
⑤	210A-000	UNCLASSIFIED EXCAVATION
⑧	623C-003	COMBINATION CURB AND GUTTER, TYPE C (MODIFIED)
⑩	210F-002	BORROW EXCAVATION (UNDERWATER BACKFILL) (ALDOT #57) (4")
⑪	305B-071	COARSE AGGREGATE, SECTION 801, FOR MISCELLANEOUS USE (ALDOT #2)
⑫	524A-010	CULVERT CONCRETE
⑬	618B-002	CONCRETE DRIVEWAY, 6" THICK



REV.	DR.	CHK.	DATE	DESCRIPTION

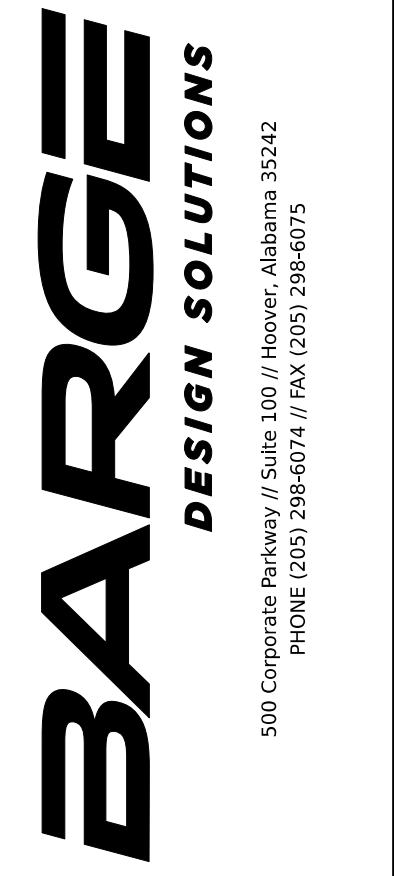
PROJECT NOTES SHEET

NOTE NO.	NOTES
200	ROADBED PROCESSING IS WAIVED. THE SUBGRADE SHALL BE COMPACTED TO 100% DENSITY OF AASHTO T-99 OR TO THE SATISFACTION OF THE ENGINEER. THE COST OF THIS WORK WILL BE A SUBSIDIARY OBLIGATION OF THE OVERLYING LAYER.
201	DRIVEWAYS SHALL MEET CITY STANDARDS

NOTE NO.	NOTES
300	ITEMS TO BE REMOVED THAT ARE NOT SPECIFICALLY MENTIONED BY NOTE TO BE INCLUDED IN OTHER ITEMS OF WORK SHALL BE REMOVED IN ACCORDANCE WITH THE REQUIREMENTS FOR EXTRA WORK IN ARTICLE 104.03 OF THE STANDARD SPECIFICATIONS.
301	CONTRACTOR SHALL REMOVE THE EXISTING RECTANGULAR RAPID FLASHING BEACONS (RRFB) PRIOR TO CONSTRUCTION, STORE THE RRFB, AND RE-INSTALL IT ONCE CONSTRUCTION IS COMPLETE. THE COST FOR THIS WORK, INCLUDING ANY NECESSARY MATERIALS WILL BE A SUBSIDIARY OBLIGATION OF PAY ITEM 730Y-080 (RELOCATION OF PEDESTAL POLE AND FOUNDATION WITH FLASHING BEACON).
302	ALL PAVEMENT AND/OR TEMPORARY STRIPING PLACED ON A FINAL WEARING SURFACE THAT DOES NOT MEET THE TOLERANCES SPECIFIED SHALL BE REMOVED BY HYDRAULIC MEANS ONLY AND REPLACED WITHOUT COMPENSATION.
303	THE CONTRACTOR MAY, AT THEIR OPTION, PROVIDE A PRECAST CONCRETE CULVERT IN LIEU OF CAST-IN-PLACE CONSTRUCTION. ALL MATERIALS, FABRICATION, AND INSTALLATION SHALL BE IN ACCORDANCE WITH ALDOT SPECIFICATION 524.
400	OMIT
401	THE CONTRACTOR SHALL ENSURE NO EXISTING MAILBOXES ARE DAMAGED DURING CONSTRUCTION.
402	THE CONTRACTOR SHALL NOTIFY THE CITY 48 HOURS PRIOR TO CONSTRUCTION. COORDINATE WITH THE CITY PROJECT MANAGER.
403	IN THE EVENT A WATER MAIN OR SEWER MAIN IS DAMAGED THE CITY OF AUBURN WATER RESOURCE MANAGEMENT OFFICE SHOULD BE CONTACTED IMMEDIATELY AT (334) 501-3060.
404	48 HOURS ADVANCED NOTICE SHALL BE PROVIDED IN THE EVENT OF ANY POTENTIAL WATER OUTAGE DURING CONSTRUCTION. THE CITY OF AUBURN WATER RESOURCE MANAGEMENT OFFICE SHOULD BE CONTACTED AT (334) 501-3060.
405	DRIVEWAY ACCESS SHALL BE MAINTAINED DURING CONSTRUCTION.
406	THE CONTRACTOR IS RESPONSIBLE FOR CLEANING OUT ANY MATERIALS INTRODUCED TO INLETS DURING CONSTRUCTION.
407	ALL PAVEMENT AND/OR TEMPORARY STRIPING PLACED ON A FINAL WEARING SURFACE THAT DOES NOT MEET THE TOLERANCES SPECIFIED SHALL BE REMOVED BY HYDRAULIC MEANS ONLY AND REPLACED WITHOUT COMPENSATION.
408	THE CONTRACTOR SHALL MAINTAIN CONTINUOUS PEDESTRIAN ACCESS TO THE EXISTING TOWN CREEK WALKING TRAIL LOCATED AT THE INTERSECTION OF SUMMERTREES DRIVE AND E. UNIVERSITY DRIVE AT ALL TIMES DURING CONSTRUCTION. THIS INCLUDES MAINTAINING SAFE AND ACCESSIBLE CONNECTIVITY FROM THE EXISTING SIDEWALK ALONG E. UNIVERSITY DRIVE ACROSS THE INTERSECTION AT SUMMERTREES DR. TO THE TRAIL. IF TEMPORARY IMPACTS TO PEDESTRIAN ROUTING ARE NECESSARY, THE CONTRACTOR SHALL PROVIDE APPROPRIATE TRAFFIC CONTROL MEASURES IN ACCORDANCE WITH THE MUTCD AND AS DIRECTED BY THE ENGINEER. ANY PROPOSED CLOSURE OF THE WALKING TRAIL, WHETHER FULL OR PARTIAL, SHALL REQUIRE PRIOR APPROVAL FROM THE ENGINEER. THE CONTRACTOR SHALL SUBMIT A WRITTEN REQUEST FOR SUCH CLOSURE A MINIMUM OF SEVENTY-TWO (72) HOURS IN ADVANCE, INCLUDING THE DURATION, JUSTIFICATION, AND PROPOSED PEDESTRIAN DETOUR PLAN. NO TRAIL CLOSURE SHALL OCCUR WITHOUT EXPLICIT APPROVAL.

NOTE NO.	NOTES
800	IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY OWNERS AND DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES ON THIS PROJECT WHETHER SHOWN ON THE PLANS OR NOT. THE LOCATION OF ANY REQUIRED GUARDRAIL, SIGNS, FOOTINGS OF ANY NATURE AND/OR ELECTRICAL/COMMUNICATIONS CONDUITS MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER TO PREVENT ANY CONFLICTS WITH THESE UTILITIES. UTILITY LINE LOCATE REQUESTS WILL BE LIMITED TO INCREMENTS NOT TO EXCEED 2000 LINEAR FEET PER WORKING DAY OPERATION. MULTIPLE LOCATE REQUESTS WILL BE REQUIRED FOR PROJECTS GREATER THAN 2000 LINEAR FEET IN LENGTH.
900	A NOTICE OF INTENT FOR NPDES PERMIT IS NOT REQUIRED FOR THIS PROJECT.
901	OMIT
902	OMIT
903	OMIT
904	OMIT
905	OMIT
906	THERE SHALL BE NO FUEL TANKS STORED ON THE RIGHT OF WAY. IN ADDITION, FUEL TRUCKS OR VEHICLES TRANSPORTING CHEMICALS, FERTILIZERS, ETC. SHALL NOT BE LEFT UNATTENDED ON THE RIGHT OF WAY.

NOT FOR BIDDING PURPOSES



PROJECT NOTES SHEET

EAST UNIVERSITY DRIVE AND SUMMERTREES DRIVE
CULVERT REPLACEMENT
AUBURN, ALABAMA

REV.	DR.	CHK.	DATE	DESCRIPTION

TRAFFIC CONTROL PLAN NOTES SHEET

○ DENOTES NOTES THAT APPLY TO THIS PROJECT

- 700 THE TRAFFIC CONTROL PLAN IS DEVELOPED IN CONFORMANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES PART 6, 2009 EDITION. THE TRAFFIC CONTROL DEVICES INDICATED REPRESENT CONDITIONS KNOWN DURING PLAN DEVELOPMENT. IN THE EVENT ACTUAL PHYSICAL CONDITIONS WARRANT ADDITIONAL TRAFFIC CONTROL DEVICES, THEY SHALL BE INSTALLED IN CONFORMANCE WITH THE M.U.T.C.D. PART 6 AS DIRECTED BY THE ENGINEER. COST SHALL BE PAID FOR UNDER THE APPROPRIATE PAY ITEM.
- 701 ALL BLACK ON ORANGE CONSTRUCTION SIGNS SHALL BE FABRICATED USING TYPE XI FLUORESCENT ORANGE REFLECTIVE SHEETING MATERIAL FOR THE SIGN BACKGROUND.
- 702 DURING NON-WORKING HOURS NO EQUIPMENT OR MATERIAL SHALL BE PARKED OR STORED CLOSER THAN 30 FEET TO THE EDGE OF ANY ROADWAY CARRYING TRAFFIC. WHEN THIS IS NOT PRACTICAL, IT SHALL BE PLACED IN AN AREA APPROVED BY THE ENGINEER AND DELINEATED BY REFLECTORIZED DRUMS. THIS INCLUDES STORAGE OF TRAFFIC CONTROL DEVICES SUCH AS TRAILER MOUNTED OR OTHER TEMPORARY SIGNS, BARRICADES, DRUMS, ETC., WHICH ARE NOT IN USE DURING NON-WORKING HOURS. TO BE FURNISHED BY THE CONTRACTOR WITHOUT COST TO THE ALDOT. (SEE SKETCH ON SHEET 24)
- 703 WHERE THE LOCATION OF A REQUIRED SIGN FALLS IN A DRIVEWAY, SIDEWALK, BRIDGE, ETC., OR WHERE THE VISIBILITY OF A SIGN IS LIMITED TO THE TRAVELING PUBLIC, THE LOCATION SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER.
- 704 THE CONTRACTOR IS TO REMOVE, RELOCATE OR COVER DURING CONSTRUCTION AND THEN RESET OR UNCOVER UPON COMPLETION OF A PARTICULAR SECTION ANY CONFLICTING IN-PLACE ROADWAY SIGNS AND DELINEATORS, AS DIRECTED BY THE ENGINEER. SIGNS REQUIRING REMOVAL SHALL BE STOCKPILED AS DIRECTED BY THE ENGINEER AND SHALL BECOME PROPERTY OF THE ALDOT. COST SHALL BE A SUBSIDIARY OBLIGATION OF ITEM 740B.
- 705 DURING ALL PHASES OF WORK, NON-APPLICABLE PAVEMENT STRIPING OR MARKINGS SHALL BE REMOVED AND APPROPRIATE PAVEMENT STRIPING OR MARKINGS SHALL BE PLACED AS EXPEDITIOUSLY AS PRACTICAL, BUT IN ALL CASES, SHALL BE IN PLACE BY NIGHTFALL ON ANY ROADWAY CARRYING TRAFFIC, EXCEPT ON SHORT TERM OPERATIONS WHERE IT IS DETERMINED BY THE ENGINEER, THAT SUCH REMOVAL AND REPLACEMENT IS MORE HAZARDOUS THAN LEAVING EXISTING MARKINGS IN PLACE. COST OF ANY REMOVAL SHALL BE PAID FOR UNDER ITEM 701D OR AS A SUBSIDIARY OBLIGATION OF ITEM 701C.
- 706 OMITTED
- 707 THE CONTRACTOR SHALL PLACE ALL ADVANCE WARNING SIGNS BEFORE PROCEEDING WITH HIS WORK. SIGNS SHALL BE PLACED IN ORDER, IN THE DIRECTION OF TRAFFIC AND REMOVED IN REVERSE ORDER.
- 708 ALL VEHICLES, EQUIPMENT, PERSONNEL (EXCEPT FLAGGERS), AND THEIR ACTIVITIES, ARE RESTRICTED AT ALL TIMES TO ONE SIDE OF THE PAVEMENT UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.
- 709 THE CONTRACTOR SHALL MAINTAIN AT LEAST ONE ACCESS TO BUSINESSES AND RESIDENCES DURING ALL PHASES OF CONSTRUCTION.
- 710 CONSTRUCTION SIGNS MOUNTED ON TEMPORARY SUPPORTS SHALL BE MOUNTED AT A MINIMUM HEIGHT OF 5 FEET.
- 711 FLAGGERS SHALL BE PROPERLY ATTIRED, EQUIPPED WITH STAFF MOUNTED STOP/SLOW PADDLES IN SIGHT OF EACH OTHER, OR HAVE DIRECT COMMUNICATION AT ALL TIMES. FLAGGER STATION LOCATION MAY BE VARIED FROM THOSE SHOWN BASED ON ROADWAY ALIGNMENT AND CONDITIONS AT THE TIME OF THE LANE CLOSURE.
- 712 FLAGGERS ARE TO BE USED WHEN DIRECTED BY THE ENGINEER. SIGNS SHALL BE PLACED AT THE APPROPRIATE TIME, AND SHALL BE COVERED OR REMOVED WHEN FLAGGERS ARE NOT ON DUTY AND DURING NON-WORKING HOURS.
- 713 FOR MOVING OPERATIONS, THE TRAFFIC CONES MAY BE DELETED IF THE FLAGGERS ARE IN SIGHT OF EACH OTHER, OR IF A PILOT CAR IS USED ON A TWO LANE ROADWAY.
- 714 OMITTED
- 715 ALL CONTRACTOR'S EMPLOYEES' PERSONAL VEHICLES, AND CONTRACTOR'S EQUIPMENT NOT IN OPERATION, SHALL BE PARKED A MINIMUM OF THIRTY (30) FEET FROM THE TRAVELED WAY DURING WORKING HOURS, AS NOT TO CREATE A HAZARD.
- 716 THE TRAFFIC CONTROL PLAN IS NOT ALL INCLUSIVE. THE TCP PROVIDES SEVERAL DETAILED DRAWINGS INDICATING THE TRAFFIC CONTROL NECESSARY FOR THE DIFFERENT CONSTRUCTION ACTIVITIES ANTICIPATED FOR THIS PROJECT. THE CONTRACTOR SHALL SELECT THE DETAILED DRAWING THAT BEST FITS THE ACTIVITY TO BE PERFORMED.
- 717 OMITTED
- 718 REQUIRED TEMPORARY ROUTE MARKER ASSEMBLIES THAT ARE TO BE LOCATED IN THE VICINITY OF EXISTING ROUTE MARKERS SHOULD BE PLACED ALONG SIDE OF THOSE ALREADY IN PLACE. SOME EXISTING ROUTE MARKERS MAY HAVE TO BE COVERED OR REMOVED, AS DIRECTED BY THE ENGINEER. COST SHALL BE A SUBSIDIARY OBLIGATION OF ITEM 740B.

- 719 RA-1 (REBUILD ALABAMA) SIGNS SHALL BE REQUIRED FOR EVERY PROJECT. RA-1 SIGNS SHALL BE PLACED AT THE BEGINNING OF THE WORK LIMITS OF THE SUBJECT PROJECT ROUTE. RA-1 SIGNS SHALL BE POSTED ON THE RIGHT-HAND SIDE OF THE ROADWAY ON THEIR OWN SUPPORT SYSTEM. THE RA-1 SIGNS SHALL BE REMOVED UPON COMPLETION OF THE PROJECT.
- 720 ALL TRAFFIC CONTROL DEVICES THAT ARE NOT APPLICABLE AT ANY SPECIFIC TIME SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.
- 721 OMITTED
- 722 OMITTED
- 723 THE CONTRACTOR SHALL MAKE PROVISIONS FOR THE SAFETY OF PEDESTRIAN TRAFFIC CROSSING THE WORK ZONES DURING CONSTRUCTION.
- 724 OMITTED
- 725 ALL SIGNS SHALL BE POST-MOUNTED IF THE WORK PERIOD EXCEEDS FOUR DAYS, EXCEPT FOR THOSE SIGNS WHICH ARE MOUNTED ON BARRICADES. FOR REPEATED DAY OPERATIONS, SIGNS MAY BE MOUNTED ON TEMPORARY SUPPORTS AND REMOVED AT THE COMPLETION OF THE DAY'S OPERATION.
- 726 W8 SIGNS INTENDED TO WARN MOTORISTS OF SURFACE CONDITIONS EXTENDING FOR GREATER THAN 1 MILE SHALL BE PLACED PRIOR TO THE BEGINNING OF SURFACE CONDITION AND AT 1 MILE INCREMENTS THEREAFTER, WITH THE EXCEPTION SPECIFIED IN NOTE 727.
- 727 DURING THE WIDENING OR RESURFACING OF ANY ROADWAY CARRYING TRAFFIC, THE CONTRACTOR SHALL ADVISE THE MOTORISTS OF ANY EDGE OF PAVEMENT DROP-OFFS 3 INCHES OR GREATER BY PLACING SHOULDER DROP-OFF SIGNS EVERY ½ MILE BEGINNING PRIOR TO THE WIDENING OR RESURFACING. REQUIRED SHOULDER WORK TO ELIMINATE THE DROP-OFFS SHALL BE PURSUED IN AN EXPEDITIOUS MANNER FOLLOWING THE WIDENING AND/OR RESURFACING.
- 728 A DIFFERENCE IN ELEVATION OF APPROXIMATELY 2 INCHES OR LESS AT THE CENTERLINE MAY BE ALLOWED DURING NON-WORKING HOURS WITHOUT ADDITIONAL TRAFFIC CONTROL. SPECIAL CONDITIONS MAY EXIST WHERE PROTECTION SHOULD BE PROVIDED WHERE THE DIFFERENCE IS 2 INCHES OR LESS.
- 729 SIGNS ON TEMPORARY SUPPORTS ARE TO BE REMOVED OR COVERED WHEN NO WORK IS BEING PERFORMED ON THE COMPLETION OF THE DAY'S OPERATION.
- 730 OMITTED
- 731 OMITTED
- 732 CHANNELIZING DRUMS SHOULD BE PLACED ON 10 FOOT INTERVALS IN RADII.
- 733 CHANNELIZING DRUMS PLACED TO PROTECT COMPLETED WORK NOT OPEN TO TRAFFIC, SHOULD BE SPACED AT 50 FOOT INTERVALS.
- 734 CHANNELIZING DRUMS PLACED IN THE EXCAVATED AREA AHEAD OF PAVING OPERATIONS SHOULD BE SPACED AT 50 FOOT INTERVALS.
- 735 CHANNELIZING DRUMS PLACED ON PAVEMENT DURING WORKING HOURS SHALL BE SHIFTED TO THE EDGE OF SHOULDER DURING NON-WORKING HOURS AND DURING PEAK PERIODS.
- 736 CHANNELIZING DRUMS SHOULD BE PLACED ON 25 FOOT INTERVALS THROUGHOUT ALL TAPERS.
- 737 CHANNELIZING DEVICES SHALL EXTEND TO A POINT WHERE THEY ARE VISIBLE TO APPROACHING TRAFFIC.
- 738 OMITTED
- 739 OMITTED
- 740 OMITTED
- 741 FOR DIVIDED ROADWAYS, THE REQUIRED ADVANCE WARNING SIGNS SHALL BE POSTED ON BOTH THE RIGHT AND LEFT SIDE OF THE ROADWAY.
- 742 THE CONTRACTOR SHALL CLOSE THE LANE ADJACENT TO THE WORK AREA ANYTIME WORK OUTSIDE THE EXISTING TRAVEL LANES ENCROACHES WITHIN 2 FEET OF THE EXISTING EDGE OF PAVEMENT.
- 743 OMITTED
- 744 THE TRANSITION TAPER LENGTH (L) IS SHOWN IN TABLE 6C-4, AND THE BUFFER LENGTH IS SHOWN IN TABLE 6C-2 OF THE MUTCD, PART 6, 2009 EDITION.
- 745 OMITTED
- 746 UNEVEN LANES SIGNS SHALL BE COVERED OR REMOVED WHEN NO UNEVEN PAVEMENT CONDITIONS EXIST.
- 747 MOVING OPERATIONS SHALL BE CONFINED TO ONE LANE IN THE DIRECTION OF TRAFFIC.

- 748 R16-3 (WHEN WORKERS ARE PRESENT BEGIN HIGHER FINES) AND R16-3A (END HIGHER FINES) SIGNS SHALL BE REQUIRED FOR EVERY PROJECT ON STATE ROUTES AND INTERSTATE HIGHWAYS. THESE SIGNS SHALL BE POSTED AT THE BEGINNING AND END OF THE PROJECT WITH AN R2-1 (REGULATORY SPEED SIGN) ALWAYS FOLLOWING THE R16-3 SIGN. R16-3B (HIGHER FINES ZONE) AND R2-1 SIGNS SHALL BE POSTED AT MAXIMUM INTERVALS OF THREE MILES THROUGHOUT THE PROJECT LIMITS.
- 749 WHEN A CONSTRUCTION WORK ZONE SPEED LIMIT REDUCTION IS NOT REQUIRED AT THE END OF THE WORK DAY, THE CONTRACTOR SHALL COVER OR REMOVE THE REDUCED R2-1 (REGULATORY SPEED SIGNS) AND THE W3-5B (REDUCED SPEED AHEAD) SIGNS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- 750 DURING REPLACEMENT OF GUARDRAIL AND/OR GUARDRAIL END ANCHORS, A REFLECTORIZED DRUM SHALL BE PLACED BEFORE THE END OF ANY EXPOSED GUARDRAIL AT NIGHT WHERE THE GUARDRAIL END ANCHOR CANNOT BE REPLACED IN ONE DAY'S TIME.
- 751 CONSTRUCTION SIGNS MOUNTED ON A SINGULAR OR DUAL SQUARE TUBULAR OR U-CHANNEL POST SHALL BE INSTALLED AS SHOWN ON SPECIAL DRAWING NOS. IHS-710-21 AND IHS-710-23.
- 752 LANE CLOSURES WILL GENERALLY BE ALLOWED BETWEEN 7:00 AM AND 7:00 PM, MONDAY THROUGH FRIDAY, UNLESS OTHERWISE PERMITTED BY THE PROJECT MANAGER. HOWEVER, IF DEEMED NECESSARY BY THE CITY, LANE CLOSURES DURING PEAK TIMES WITHIN THIS FRAME MAY ALSO BE PROHIBITED. LANE CLOSURES ARE NOT ALLOWED THE DAY BEFORE OR DURING ANY AUBURN UNIVERSITY ATHLETIC EVENT OR GRADUATION. NO WORK WILL BE ALLOWED AFTER DAYLIGHT HOURS, AND NO TRAFFIC IS TO BE DETOURED WITHOUT THE CONSENT OF THE PROJECT MANAGER.

NOT FOR BIDDING PURPOSES

BARGE
DESIGN SOLUTIONS

500 Corporate Parkway // Suite 100 // Hoover, Alabama 35242
PHONE (205) 298-6074 // FAX (205) 298-6075



TRAFFIC CONTROL PLAN NOTES SHEET

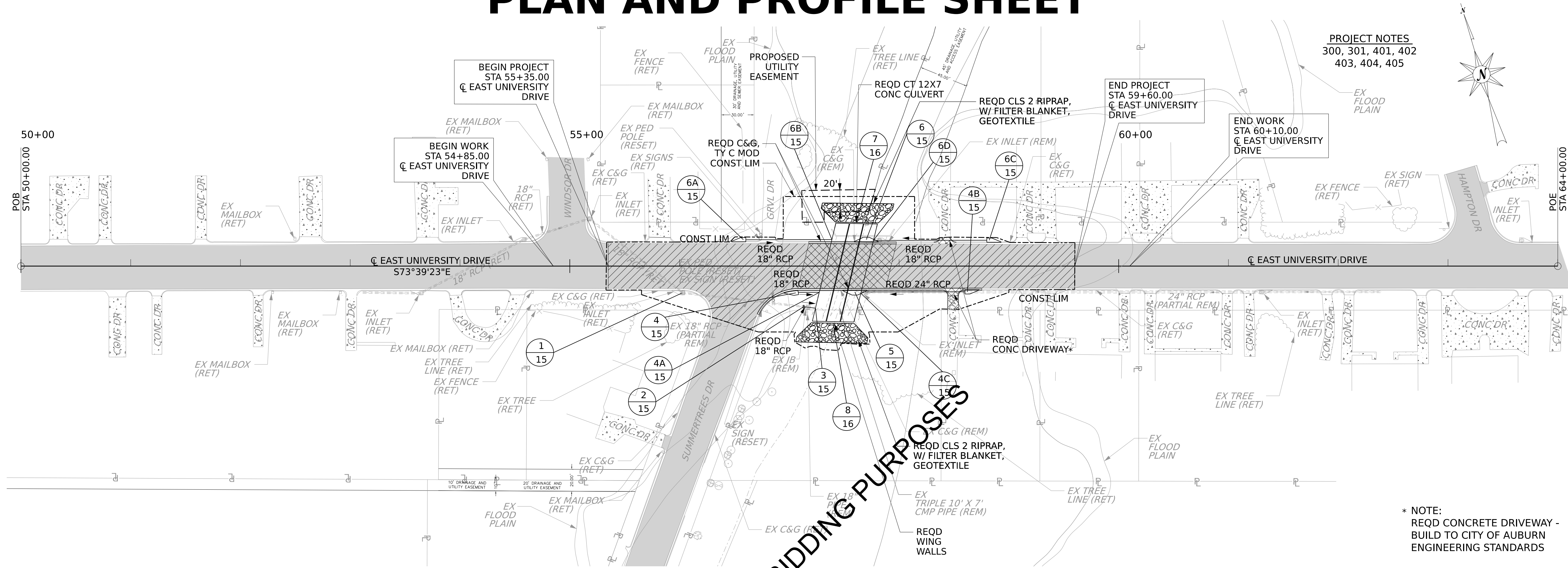
EAST UNIVERSITY DRIVE AND SUMMERTREES DRIVE
CULVERT REPLACEMENT

AUBURN, ALABAMA

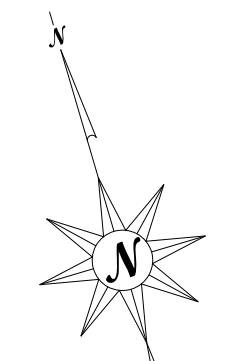
REV.	DR.	CHK.	DATE	DESCRIPTION



PLAN AND PROFILE SHEET



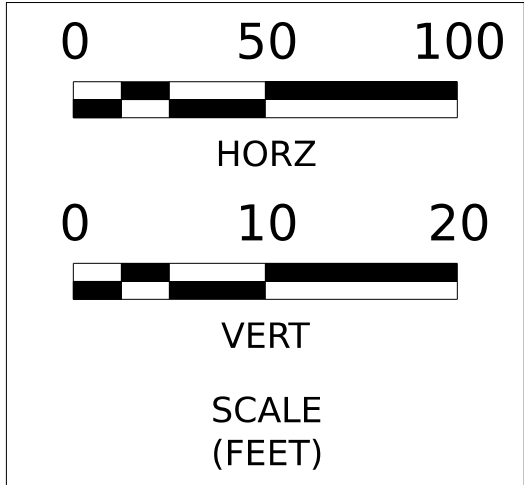
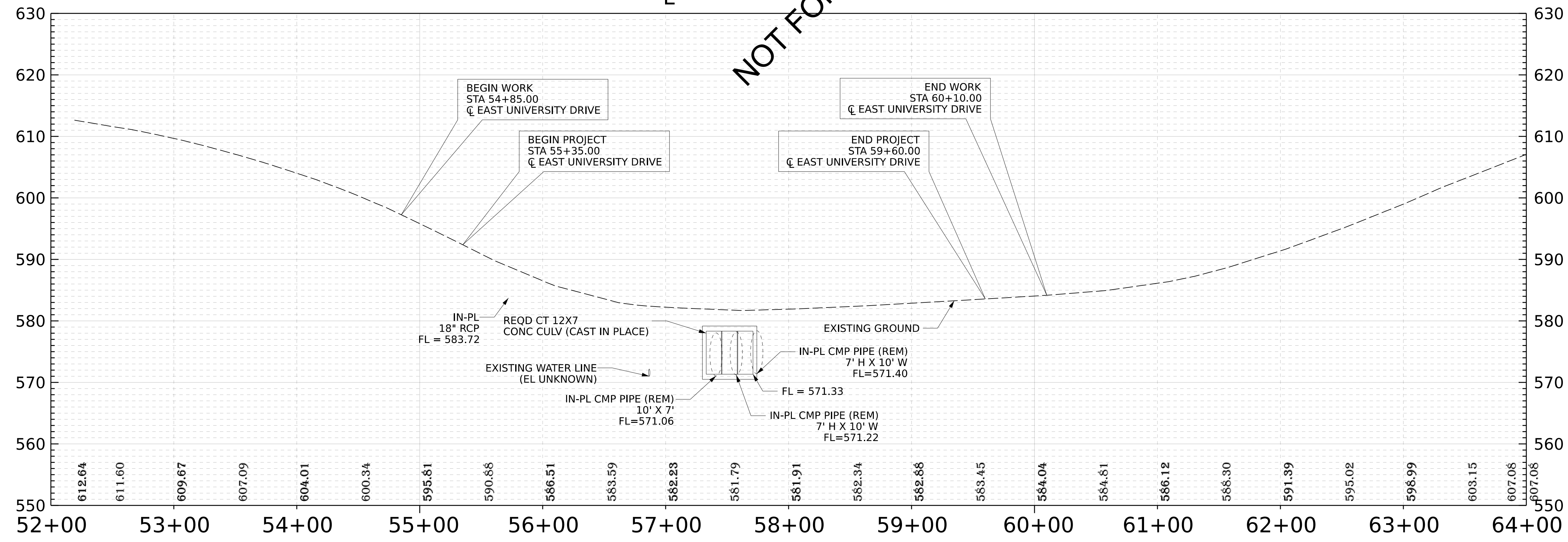
PROJECT NOTES
300, 301, 401, 402
403, 404, 405



* NOTE:
REQD CONCRETE DRIVEWAY -
BUILD TO CITY OF AUBURN
ENGINEERING STANDARDS

CL EAST UNIVERSITY DRIVE

NOT FOR BIDDING PURPOSES



BARGE

DESIGN SOLUTIONS

500 Corporate Parkway // Suite 100 // Hoover, Alabama 35242
PHONE (205) 298-6074 // FAX (205) 298-6075



PLAN AND PROFILE SHEET

EAST UNIVERSITY DRIVE AND SUMMERTREES DRIVE
CULVERT REPLACEMENT

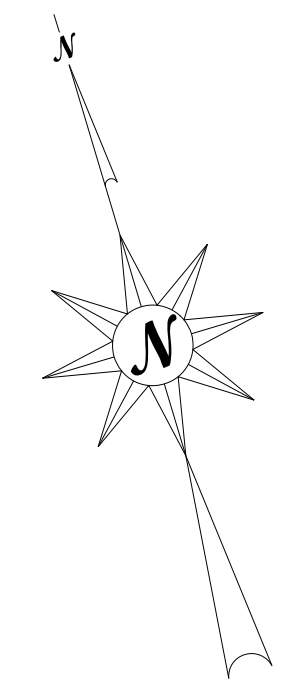
AUBURN, ALABAMA

REV.	DR.	DATE	CHK.	DESCRIPTION

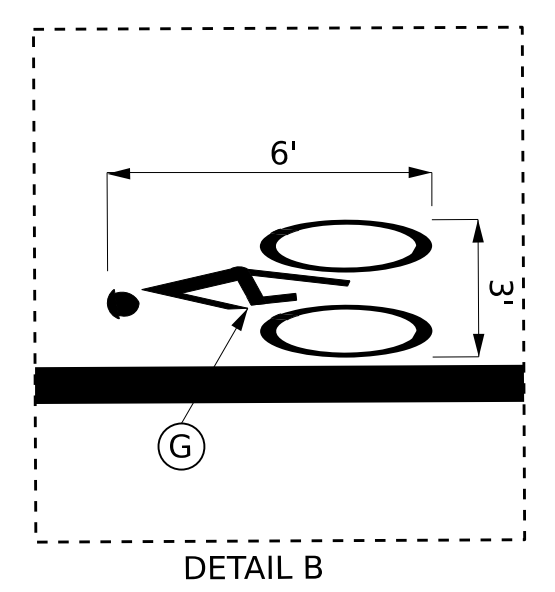
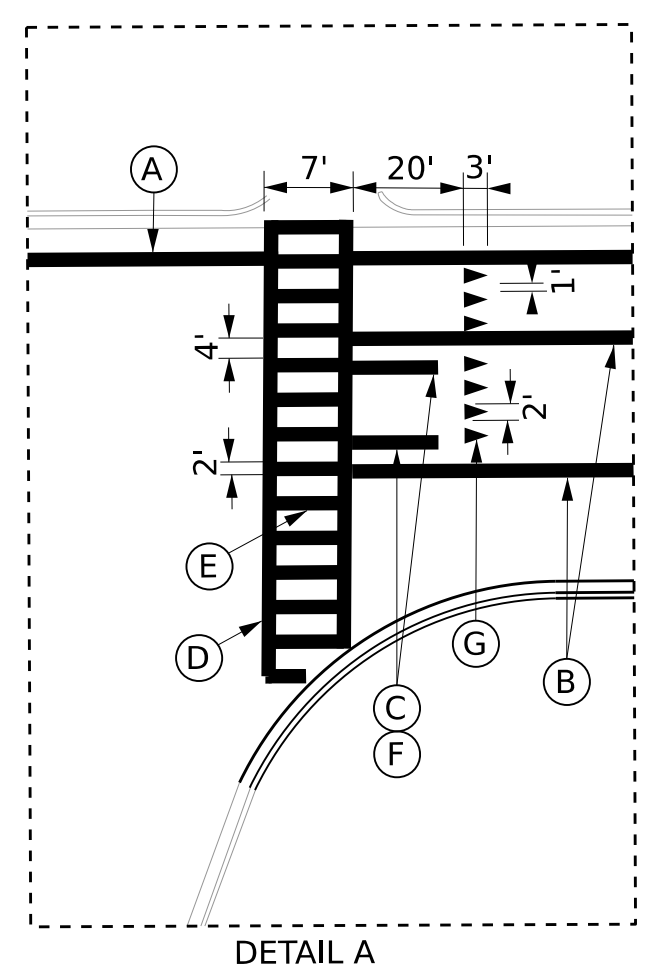
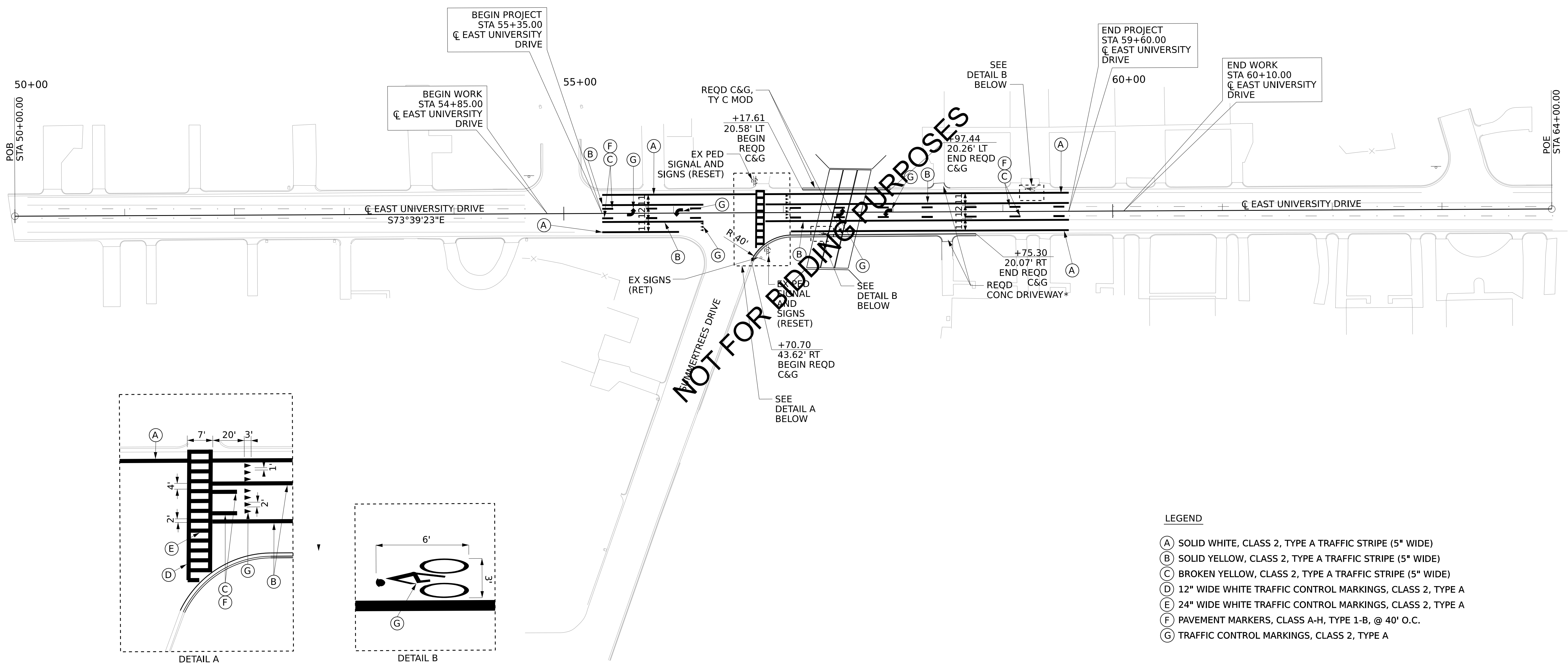


PAVING LAYOUT AND SIGNING AND STRIPING SHEET

PROJECT NOTES
301
302



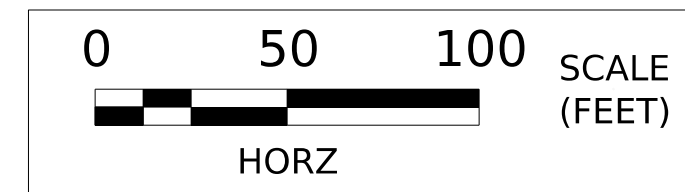
BARGE
DESIGN SOLUTIONS
500 Corporate Parkway // Suite 100 // Hoover, Alabama 35242
PHONE (205) 298-6074 // FAX (205) 298-6075



LEGEND

- (A) SOLID WHITE, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)
- (B) SOLID YELLOW, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)
- (C) BROKEN YELLOW, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)
- (D) 12" WIDE WHITE TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A
- (E) 24" WIDE WHITE TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A
- (F) PAVEMENT MARKERS, CLASS A-H, TYPE 1-B, @ 40' O.C.
- (G) TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A

* NOTE:
REQD CONCRETE DRIVEWAY -
BUILD TO CITY OF AUBURN
ENGINEERING STANDARDS



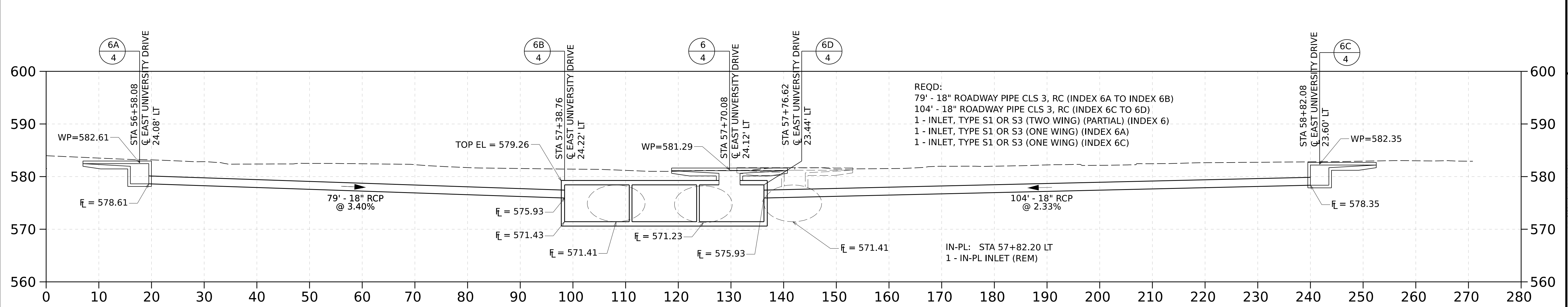
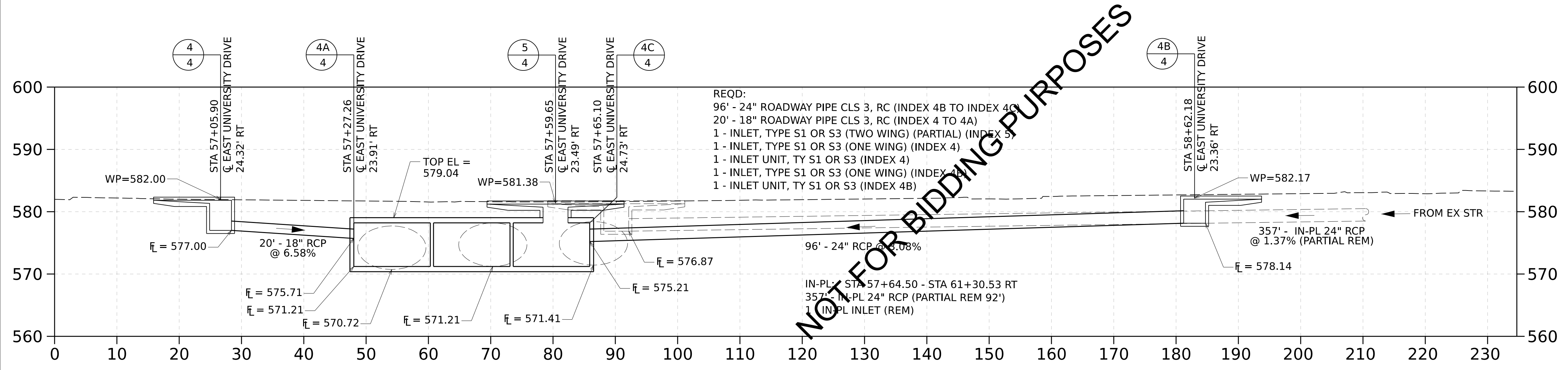
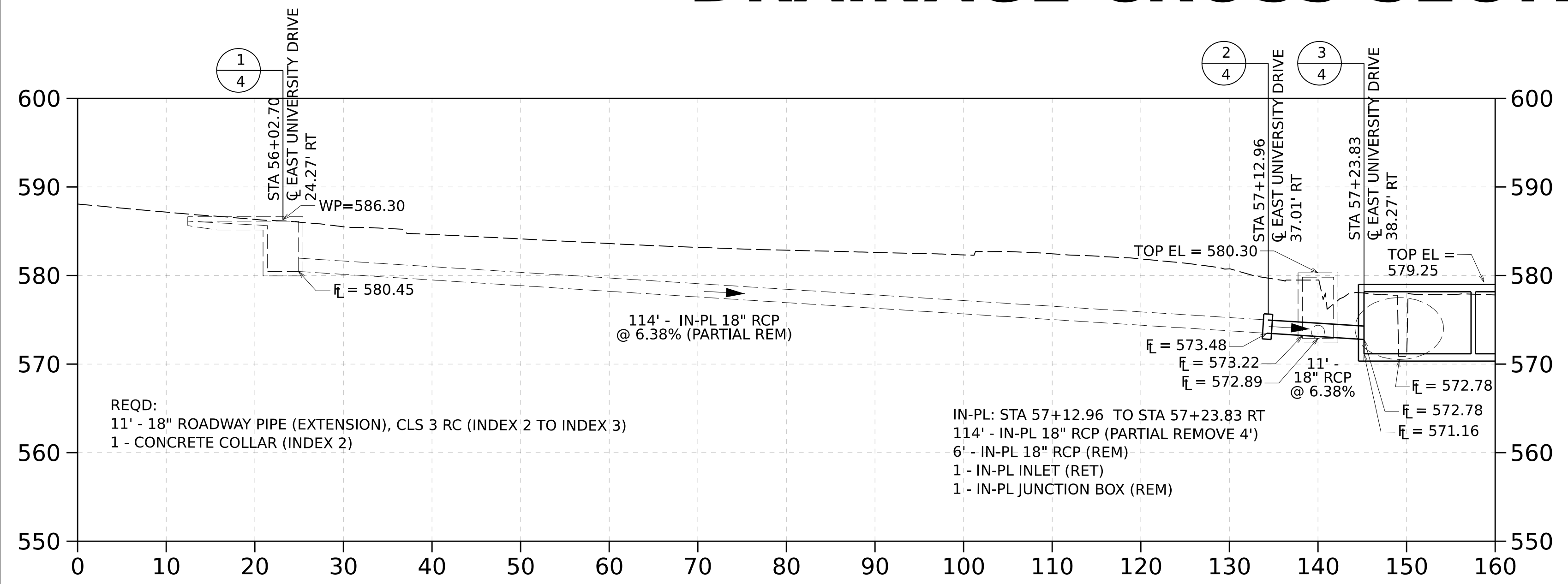
811 Know what's below
Call before you dig.
811
www.call811.com

PAVING LAYOUT AND SIGNING AND STRIPING SHEET

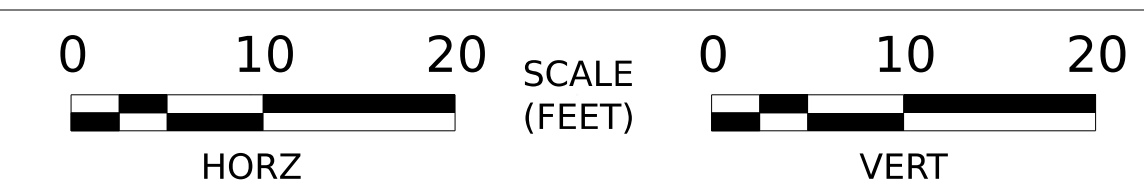
EAST UNIVERSITY DRIVE AND SUMMERTREES DRIVE
CULVERT REPLACEMENT
AUBURN, ALABAMA

REV.	DR.	CHK.	DATE	DESCRIPTION

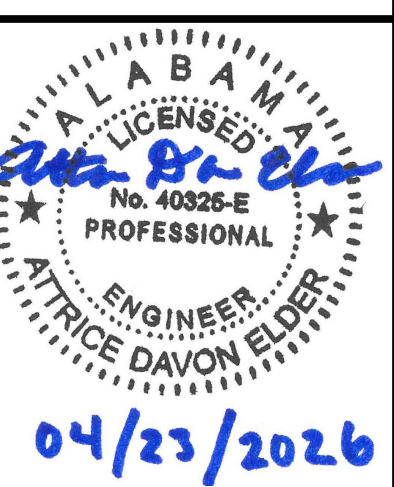
DRAINAGE CROSS SECTION SHEET



NOTE: ALL INLETS CONSTRUCTED DIRECTLY OVER THE CULVERT SHALL INCLUDE AN INTERIOR STEP AS DIRECTED BY THE ENGINEER.



811 Know what's below
 Call before you dig.
 811
 www.call811.com



DRAINAGE CROSS SECTION SHEET
EAST UNIVERSITY DRIVE AND SUMMERTREES DRIVE
CULVERT REPLACEMENT
 AUBURN, ALABAMA

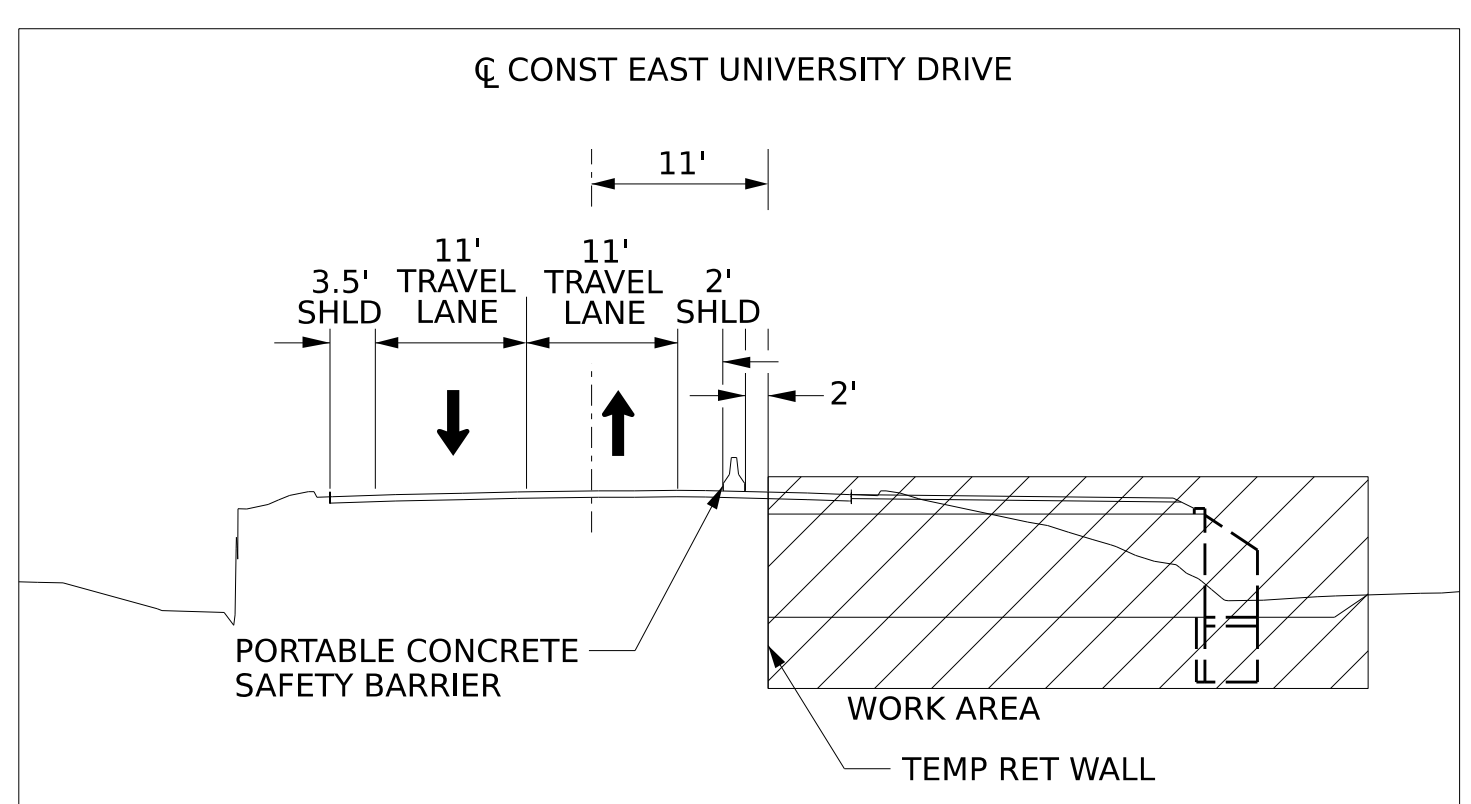
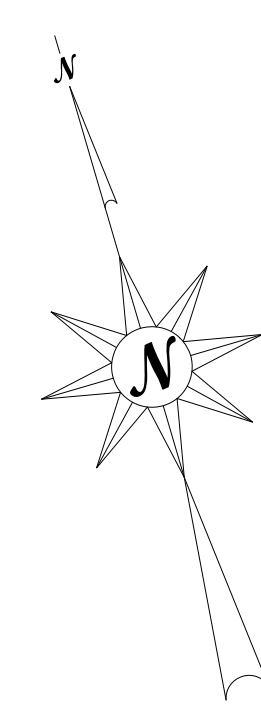
REV.	DR.	CHK.	DATE	DESCRIPTION

TEMPORARY TRAFFIC CONTROL PLAN - PHASE 2

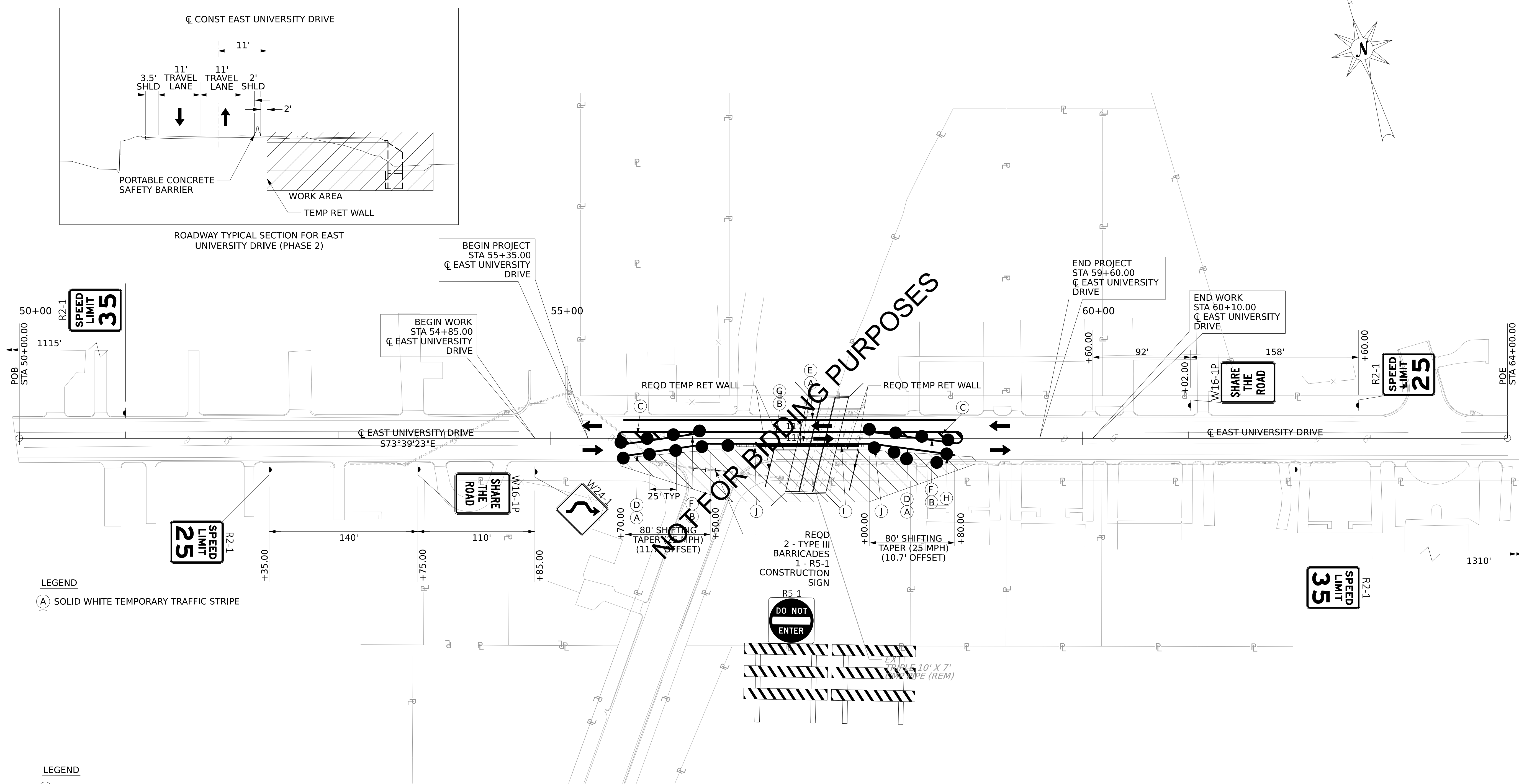


TEMPORARY TRAFFIC CONTROL PLAN-PHASE 2
EAST UNIVERSITY DRIVE AND SUMMERTREES DRIVE
CULVERT REPLACEMENT
AUBURN, ALABAMA

REV.	DR.	CHK.	DATE	DESCRIPTION



ROADWAY TYPICAL SECTION FOR EAST UNIVERSITY DRIVE (PHASE 2)

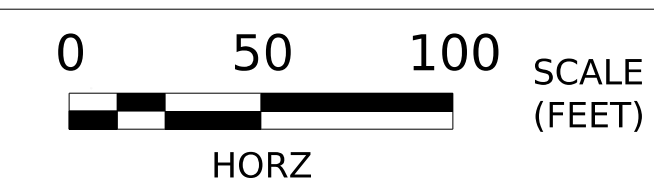


LEGEND

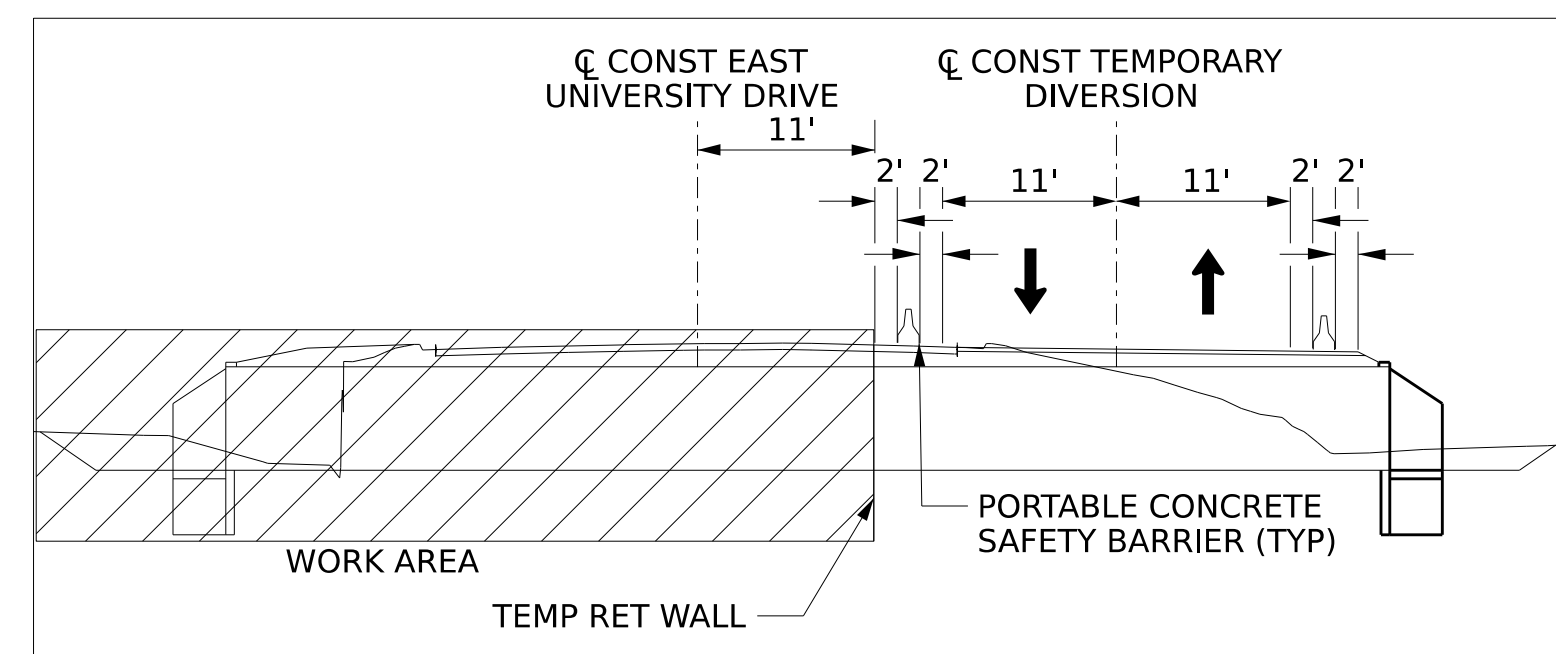
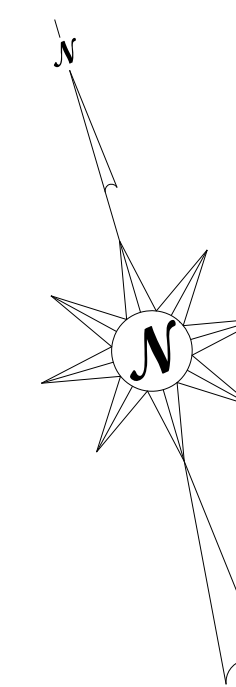
- (A) SOLID WHITE TEMPORARY TRAFFIC STRIPE

LEGEND

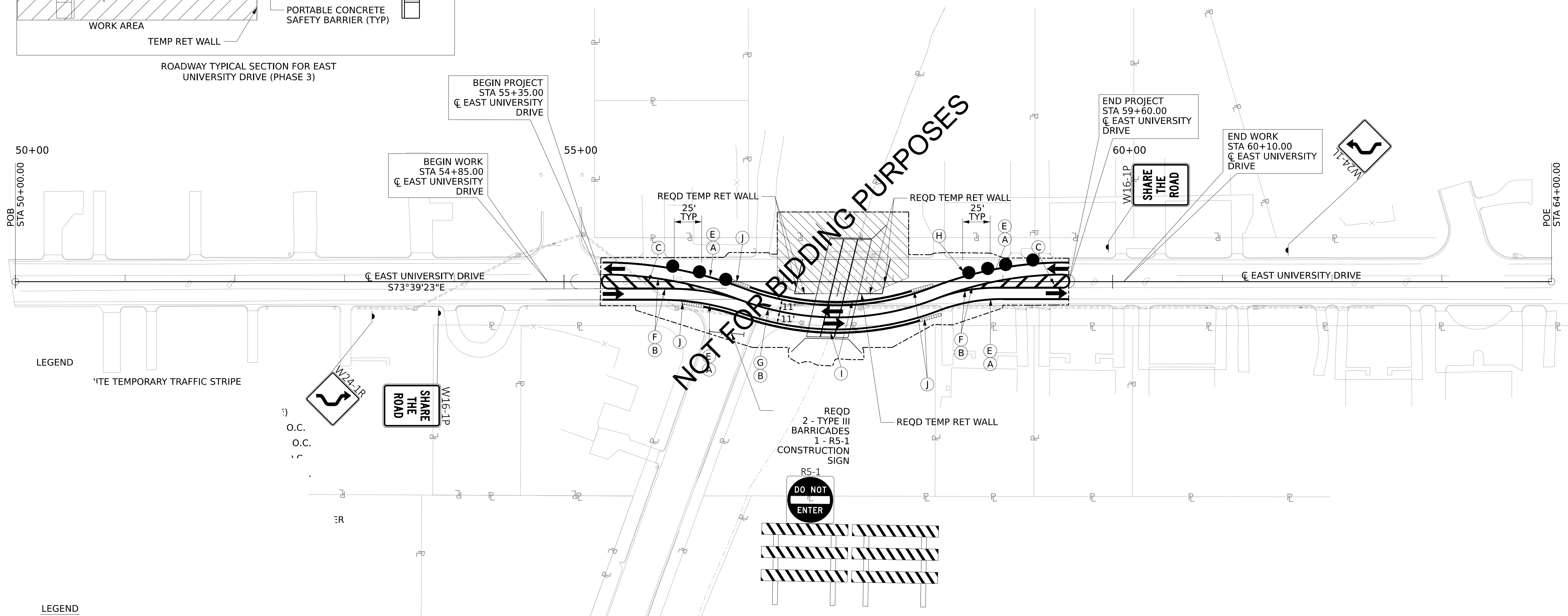
- (A) SOLID WHITE TEMPORARY TRAFFIC STRIPE
- (B) SOLID YELLOW TEMPORARY TRAFFIC STRIPE
- (C) YELLOW TEMPORARY TRAFFIC MARKINGS
- (D) REQD CLASS C, TYPE 1-A PAVEMENT MARKERS @ 10' O.C.
- (E) REQD CLASS C, TYPE 1-A PAVEMENT MARKERS @ 3' O.C.
- (F) REQD CLASS C, TYPE 1-B PAVEMENT MARKERS @ 3' O.C.
- (G) CHANNELIZING DRUMS
- (H) TYPE 6 CONCRETE BARRIER
- (I) PORTABLE IMPACT ATTENUATOR W/ TYPE 6A CONCRETE BARRIER



TEMPORARY TRAFFIC CONTROL PLAN - PHASE 3

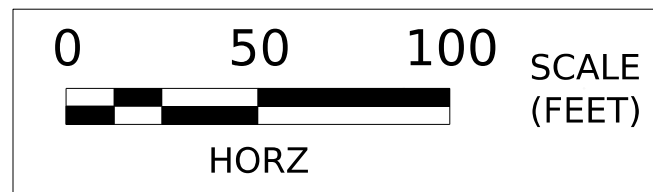


ROADWAY TYPICAL SECTION FOR EAST UNIVERSITY DRIVE (PHASE 3)



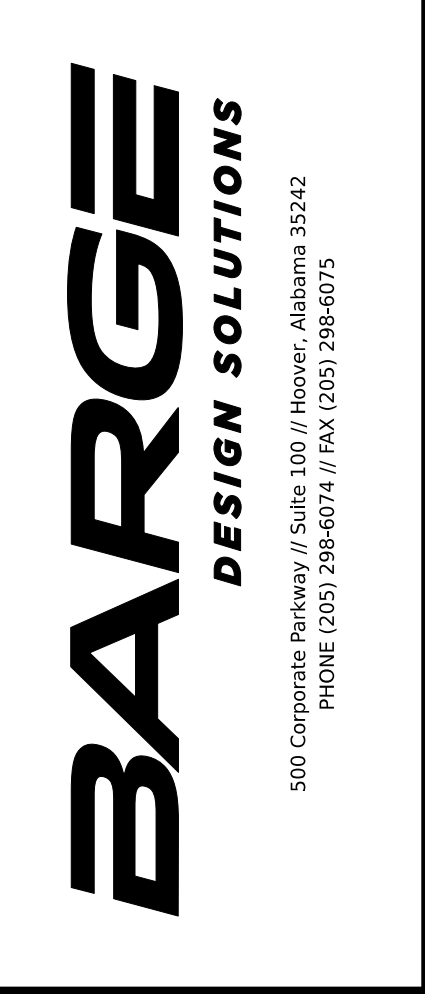
LEGEND

- (A) SOLID WHITE TEMPORARY TRAFFIC STRIPE
- (B) SOLID YELLOW TEMPORARY TRAFFIC STRIPE
- (C) YELLOW TEMPORARY TRAFFIC MARKINGS
- (D) REQD CLASS C, TYPE 1-A PAVEMENT MARKERS @ 10' O.C.
- (E) REQD CLASS C, TYPE 1-A PAVEMENT MARKERS @ 3' O.C.
- (F) REQD CLASS C, TYPE 1-B PAVEMENT MARKERS @ 3' O.C.
- (G) CHANNELIZING DRUMS
- (H) TYPE 6 CONCRETE BARRIER
- (I) PORTABLE IMPACT ATTENUATOR W/ TYPE 6A CONCRETE BARRIER



TEMPORARY TRAFFIC CONTROL PLAN-PHASE 3

EAST UNIVERSITY DRIVE AND SUMMERTREES DRIVE
CULVERT REPLACEMENT
AUBURN, ALABAMA



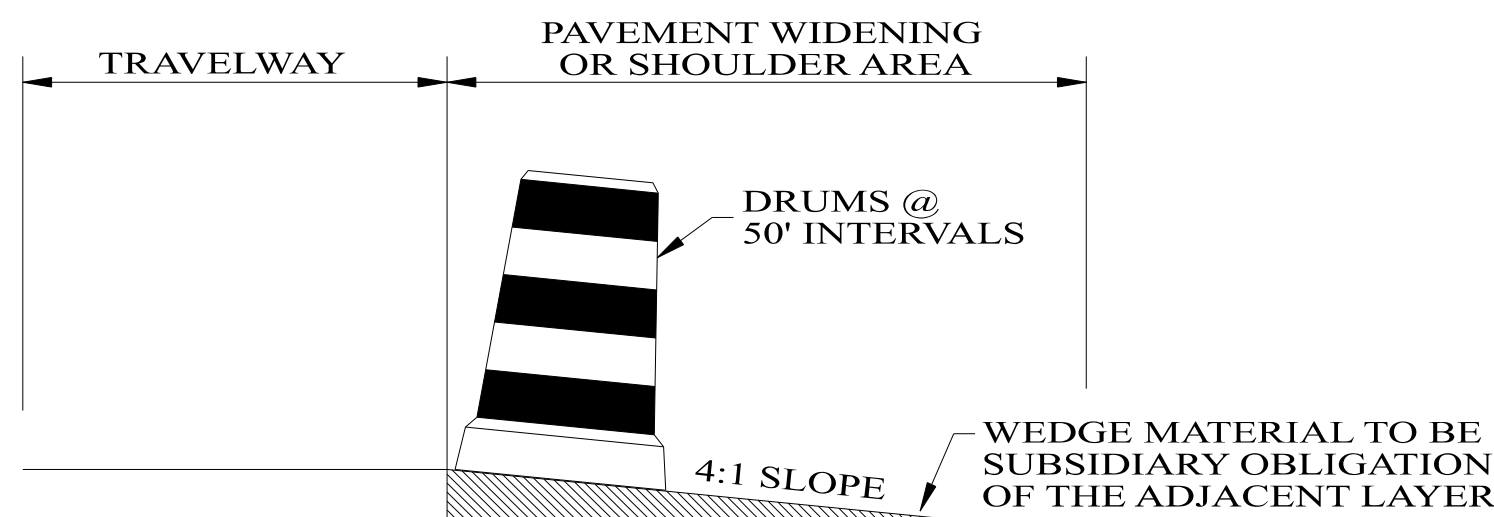
REV.	DR.	CHK.	DATE	DESCRIPTION

TEMPORARY TRAFFIC CONTROL PLAN DETAIL SHEET



TEMPORARY TRAFFIC CONTROL PLAN
DETAIL SHEET

EAST UNIVERSITY DRIVE AND SUMMERTREES DRIVE
CULVERT REPLACEMENT
AUBURN, ALABAMA

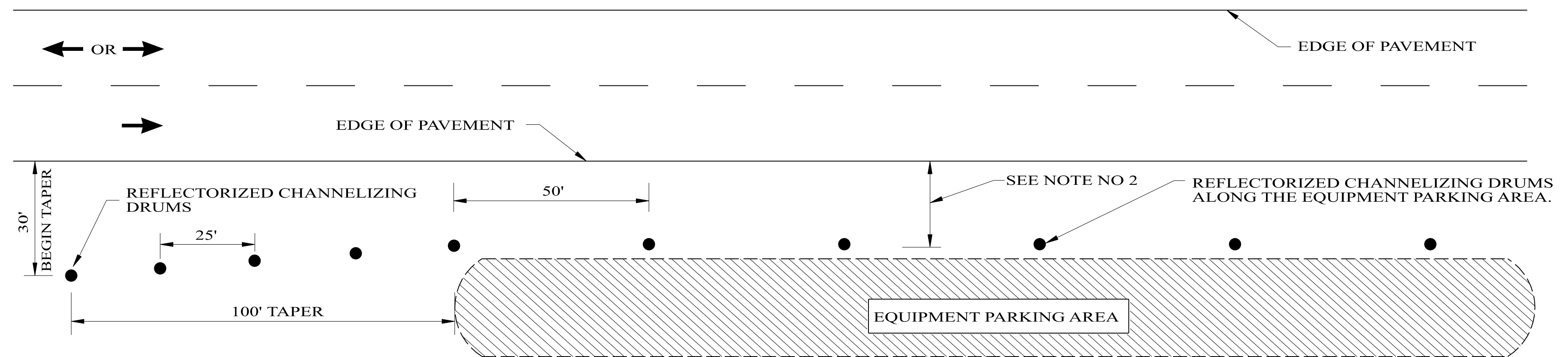


(FOR USE WHERE EXCAVATION HAS BEEN DONE, BUT WIDENING IS NOT COMPLETED BY NIGHTFALL OR WHERE PAVEMENT DROP OFF OF RESURFACING PROJECTS IS 3" OR MORE AT NIGHTFALL)

TYPICAL FOR DROP-OFF AT EDGE OF PAVEMENT

NOTE:
THE CONTRACTOR IS TO CONSTRUCT A WEDGE OF UNCLASSIFIED EXCAVATION OR CRUSHED AGGREGATE BASE. THE COST OF PLACING AND REMOVAL SHALL BE A SUBSIDIARY OBLIGATION OF THE ADJACENT LAYER.

CHANNELIZING DRUMS SHALL BE PLACED AT 50 FT INTERVALS.

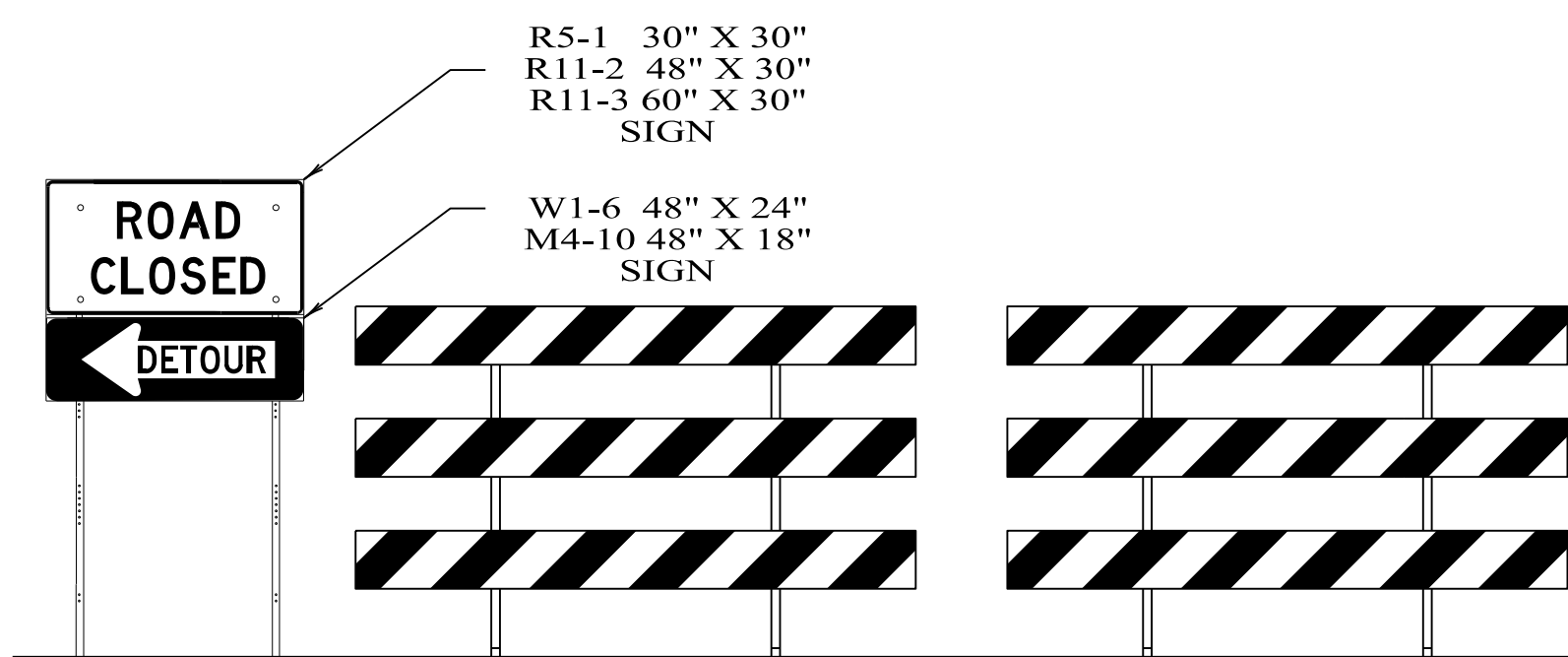


NOTES:

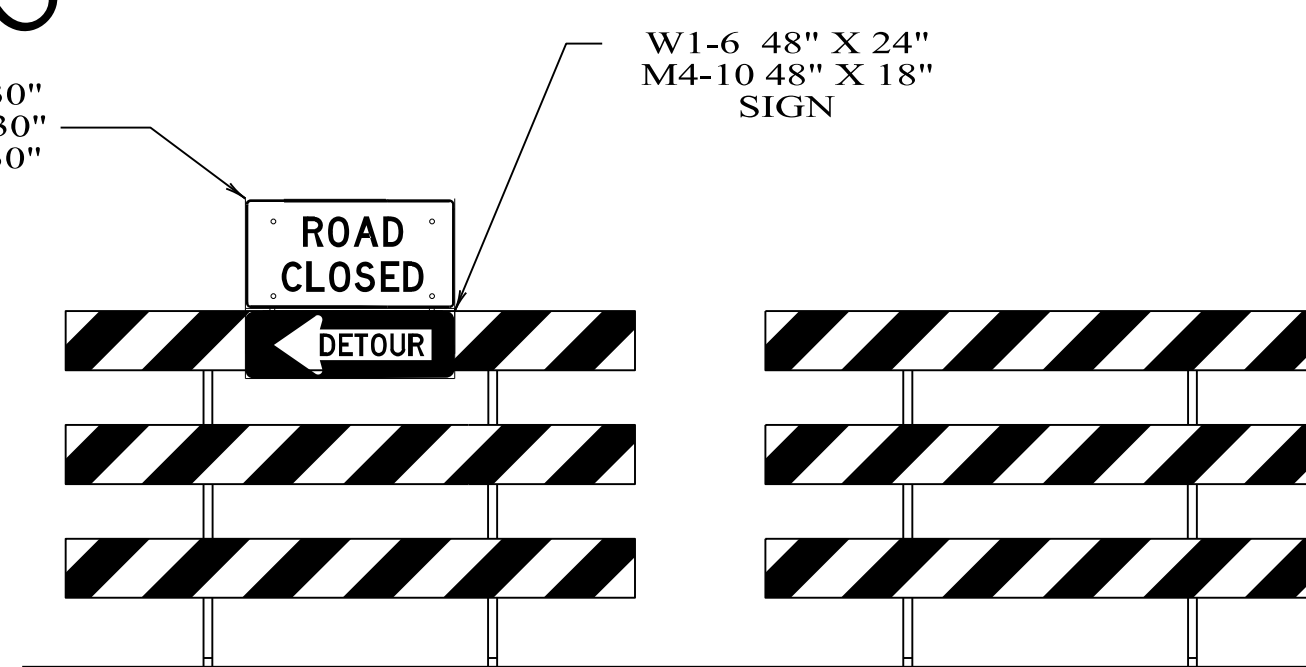
- SEE ALDOT'S GENERAL TRAFFIC CONTROL PLAN NOTE NO. 702.
- DRUMS TO BE AS FAR AS PRACTICAL FROM EDGE OF PAVEMENT. MINIMUM DESIRABLE DISTANCE IS 15 FEET FOR FREEWAY TYPE FACILITIES AND 10 FEET FOR OTHER FACILITIES. FOR UNUSUAL CONDITIONS, SUCH AS SPECIAL EQUIPMENT OR LIMITED AVAILABLE SPACE, DIMENSIONS LESS THAN DESIRABLE SHALL BE AS DIRECTED BY THE ENGINEER.
- ALL DEVICES TO BE FURNISHED BY THE CONTRACTOR WITHOUT COST TO THE ALDOT.

DELIMITING DETAIL FOR EQUIPMENT PARKING OR STORING AREA

NOT FOR BIDDING PURPOSES



DETAILS FOR TYPICAL PLACEMENT OF TYPE III BARRICADES INSIDE OF CLEAR ZONE



DETAILS FOR TYPICAL PLACEMENT OF TYPE III BARRICADES OUTSIDE OF CLEAR ZONE

NOTES

- SLOPE OF STRIPES ON BARRICADES SHALL BE IN ACCORDANCE WITH SECTION 6K.07 OF THE MUTCD AND DRAWING B-107-2.
- IF SIGNS ARE REQUIRED TO BE USED IN CONJUNCTION WITH TYPE III BARRICADES TO BE PLACED INSIDE THE CLEAR ZONE, THEY SHALL BE POST MOUNTED TO THE SIDE OF THE BARRICADES AS SHOWN.
- IF ROAD CLOSED OR DETOUR SIGNS ARE REQUIRED TO BE USED WITH TYPE III BARRICADES TO BE PLACED OUTSIDE THE CLEAR ZONE, THEY SHALL BE PLACED ON THE TOP OF THE BARRICADES NEAREST THE DETOUR.

NOT TO SCALE

—SPECIFICATIONS—
CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION

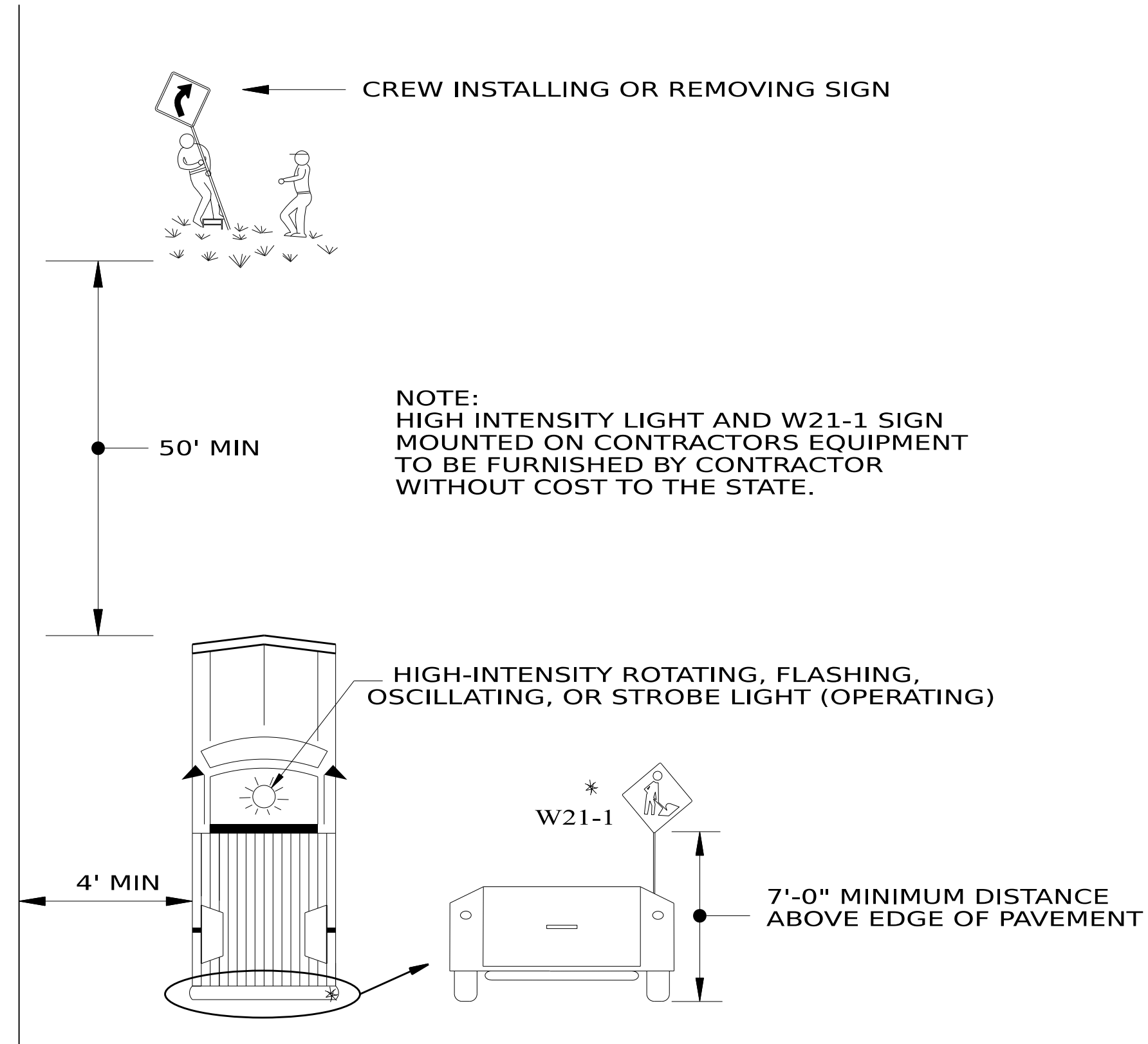


SPECIAL DRAWING NO
SPECIAL PROJECT DETAIL

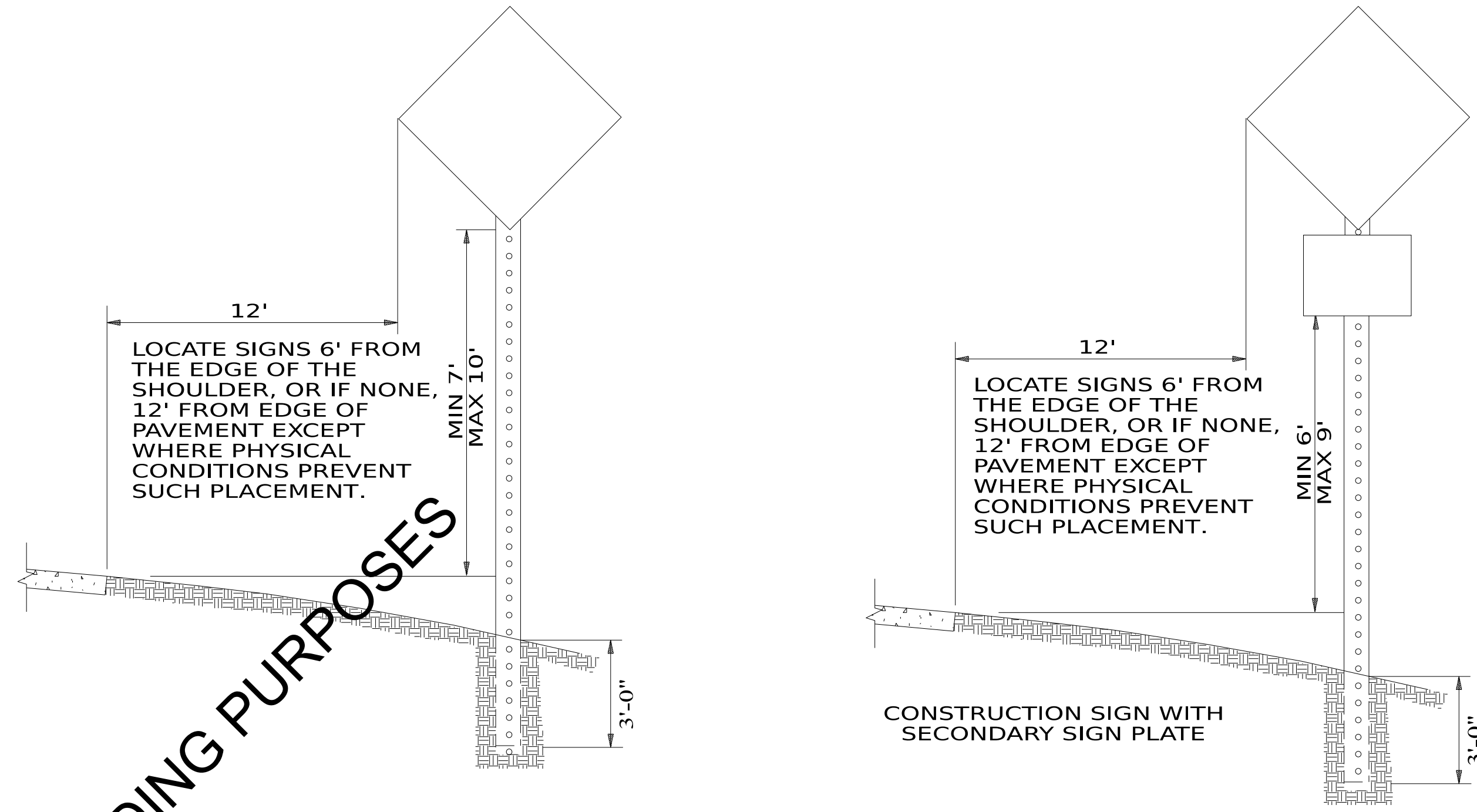
INDEX NO
2001

REV.	DR.	CHK.	DATE	DESCRIPTION

TEMPORARY TRAFFIC CONTROL PLAN DETAIL SHEET

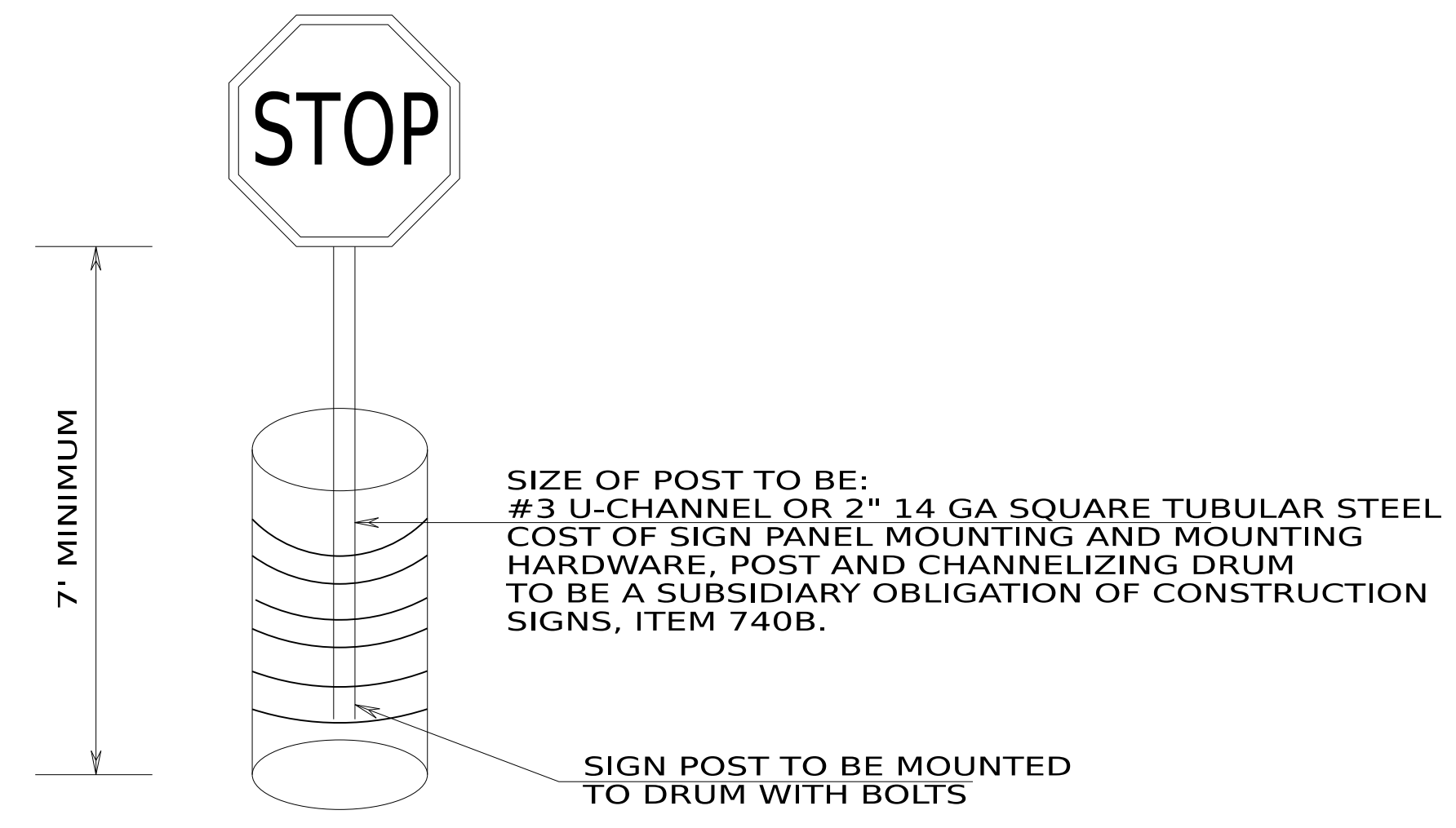


TYPICAL METHOD FOR INSTALLING OR REMOVING CONSTRUCTION SIGNS



NOTE:
IF THE CONTRACTOR CHOOSES TO SPLICE THE POSTS FOR THE REQUIRED POST MOUNTED CONSTRUCTION SIGNS, THEY SHALL BE SPLICED AS SHOWN ON DRAWING IHS-710-23.

HEIGHT AND LATERAL LOCATION OF POST MOUNTED CONSTRUCTION SIGNS



DETAIL FOR DRUM MOUNTED CONSTRUCTION SIGNS

NOT FOR BIDDING PURPOSES

TEMPORARY TRAFFIC CONTROL PLAN
DETAIL SHEET

EAST UNIVERSITY DRIVE AND SUMMERTREES DRIVE
CULVERT REPLACEMENT
AUBURN, ALABAMA

REV.	CHK.	DR.	DATE	DESCRIPTION

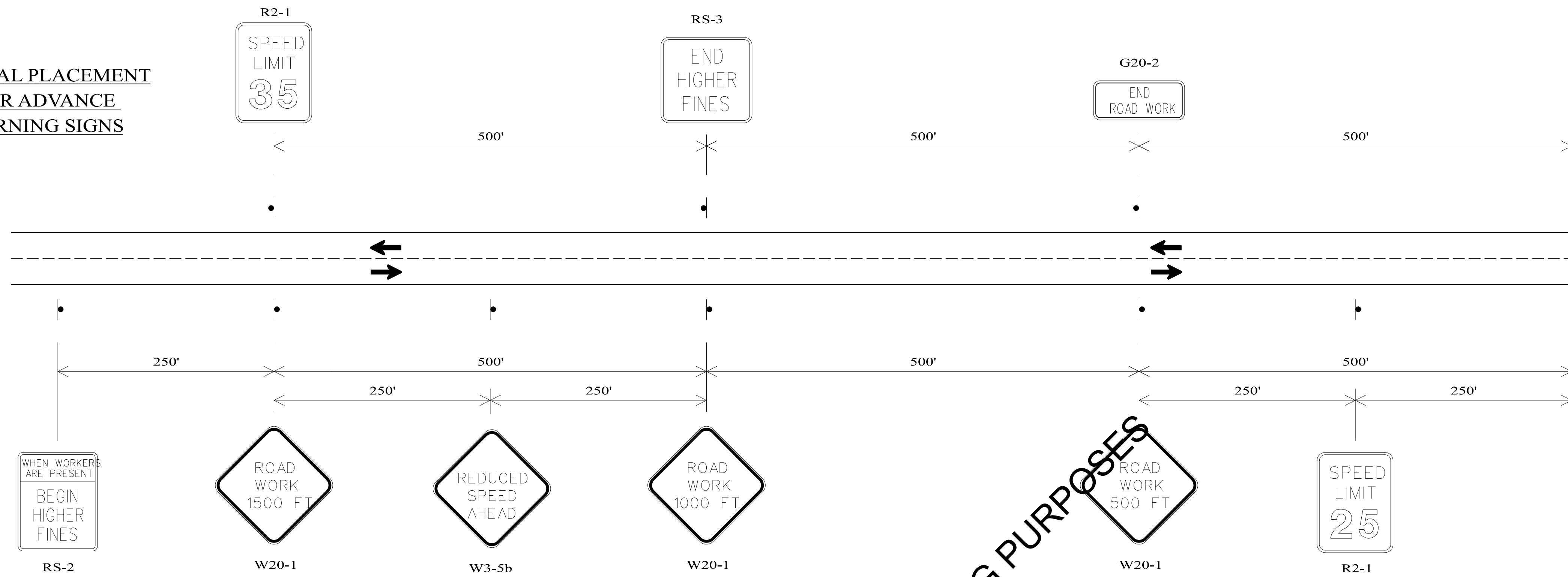


NOT TO SCALE		--SPECIFICATIONS--	
DESIGN BUREAU SPECIAL DRAWING		CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION	
Bureau Std Engr: <u>DJ.W.</u>	DRAWN BY: _____	SPECIAL DRAWING NO	INDEX NO
DATE DRAWN: _____	REVISED DATE: <u>6-12-2019</u>	SPECIAL PROJECT DETAIL	2001A
STANDARD DETAILS FOR TRAFFIC CONTROL PLANS			

TEMPORARY TRAFFIC CONTROL PLAN DETAIL SHEET



TYPICAL PLACEMENT FOR ADVANCE WARNING SIGNS



BEGIN OR END WORK STATION

GENERAL NOTES

- ALL ADVANCE WARNING SIGNS REQUIRED AT THE BEGINNING AND END OF PROJECT SHALL BE POST MOUNTED. ALL SIGNS REQUIRED FOR THE LANE CLOSURE SHALL BE TEMPORARY MOUNTED.

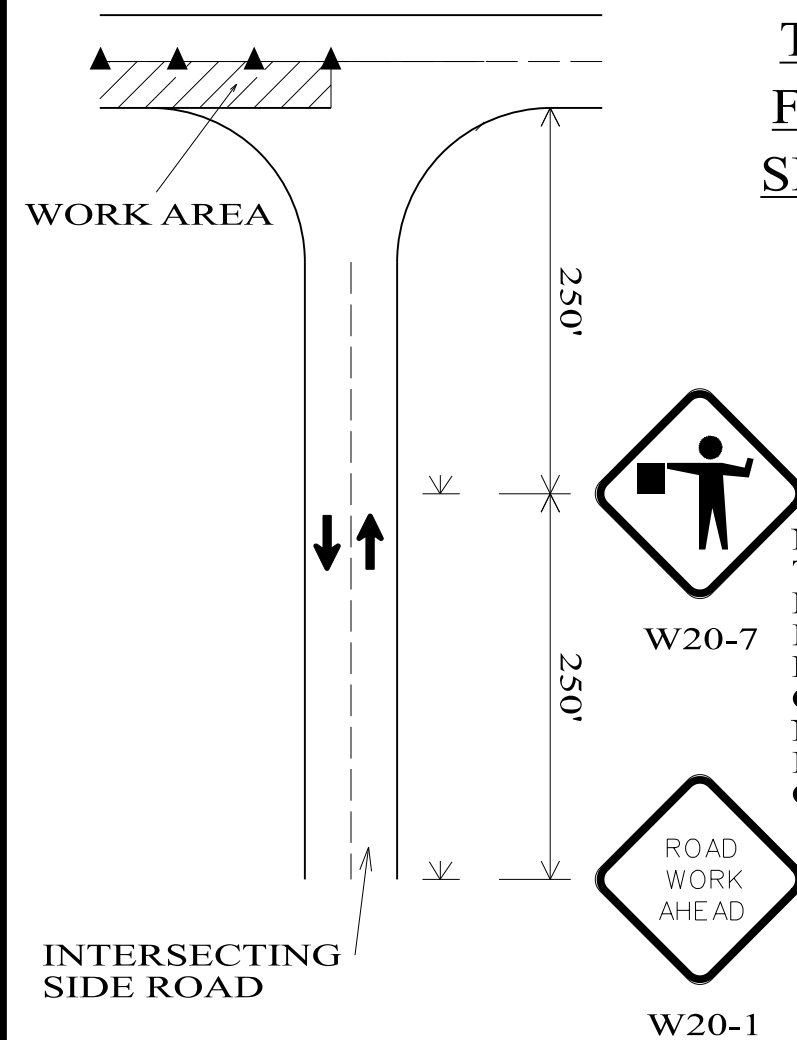
REQUIRED SIGN SIZES	
G20-2	36" X 18"
R2-1	24" X 30"
W3-5b	36" X 36"
RS-2	48" X 60"
RS-3	48" X 48"
W20-1	36" X 36"
W20-4	36" X 36"
W20-7	36" X 36"

THE SIGN SIZES SHOWN ON THIS SHEET SHALL SUPERCEDE THOSE SHOWN ON THE STANDARD HIGHWAY SIGNS DRAWINGS UNLESS OTHERWISE APPROVED BY THE ENGINEER.

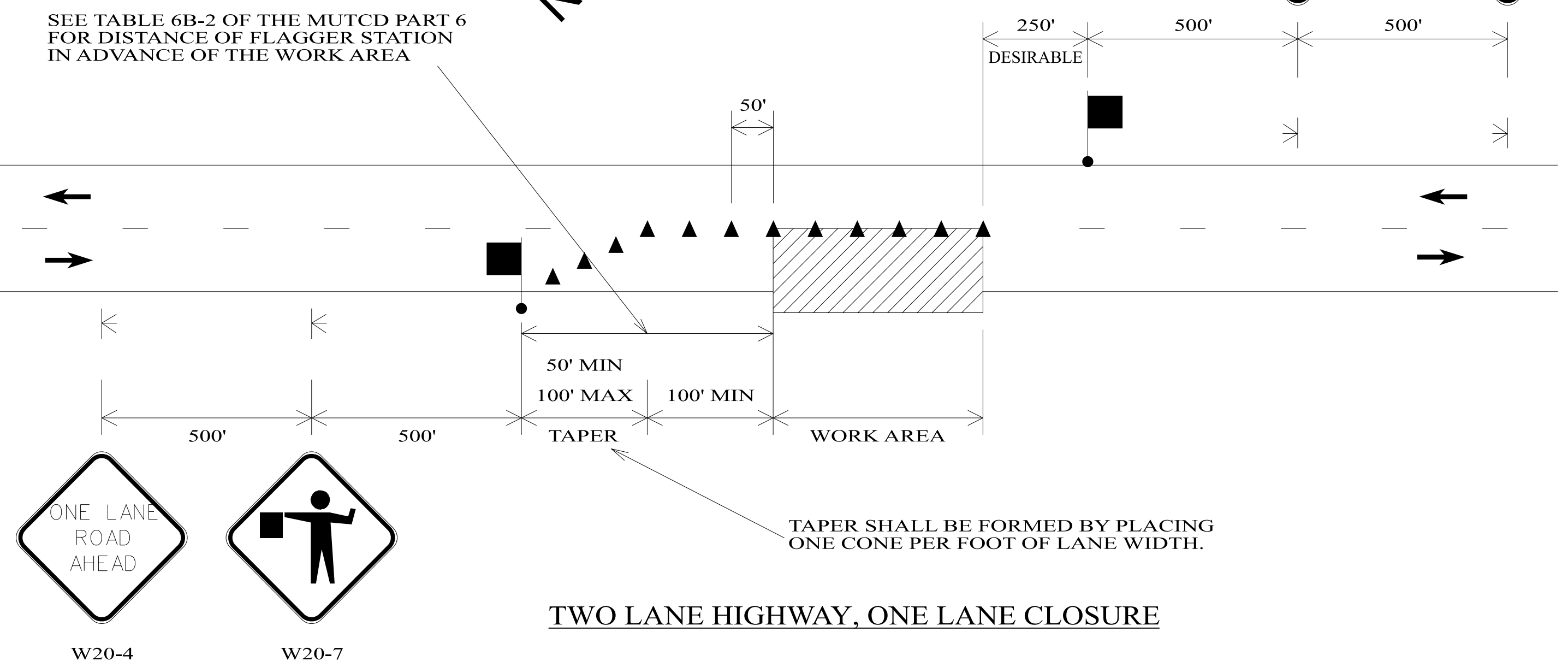
NOT FOR BIDDING PURPOSES

SEE TABLE 6B-2 OF THE MUTCD PART 6 FOR DISTANCE OF FLAGGER STATION IN ADVANCE OF THE WORK AREA

TRAFFIC CONTROL FOR INTERSECTING SIDE ROADS WITHIN WORK AREA



NOTE: THE W20-1 SIGN TO BE USED ON INTERSECTING ROADS SHALL BE 36"X36" IN SIZE. THE TEMPORARY MOUNTED W20-1 SIGN SHOWN ON THE SIDE ROAD, WILL NOT BE REQUIRED IF ONE IS ALREADY POST MOUNTED ON THE SIDE STREET.



TWO LANE HIGHWAY, ONE LANE CLOSURE

LEGEND

- TEMPORARY MOUNTED SIGN
- POST MOUNTED SIGN
- CONES
- FLAGGER
- WORK AREA

NOT TO SCALE

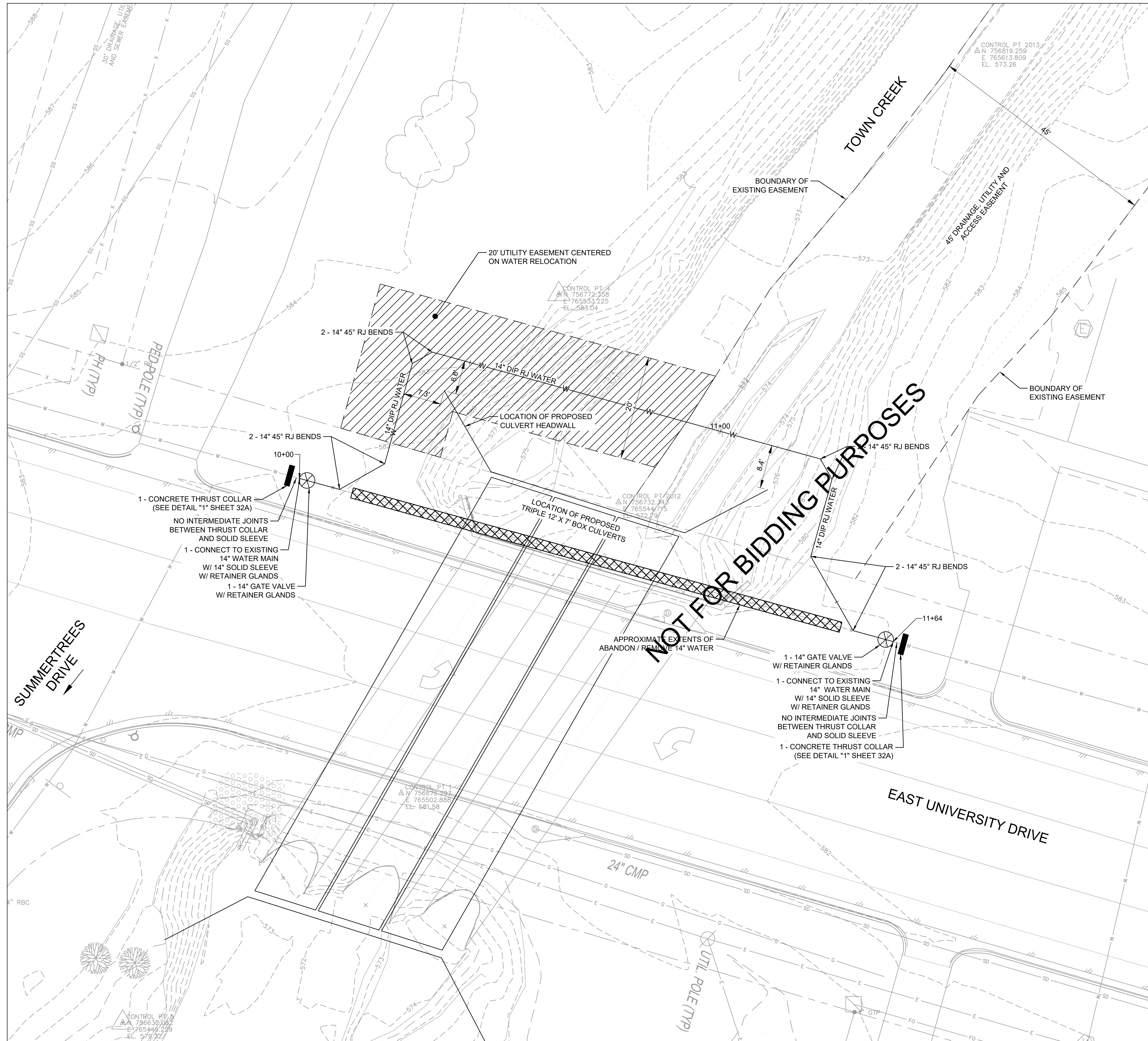
--SPECIFICATIONS--
CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION



SPECIAL DRAWING NO. SPECIAL PROJECT DETAIL
INDEX NO. 2002

REV.	CHK.	DR.	DATE	DESCRIPTION

USER: C:\DWG\13316229104_CAD\CIVIL\LOT316229104_Water Relocation Sketch.dwg
 FILE: 13316229104_CAD\CIVIL\LOT316229104_Water Relocation Sketch.dwg
 SAVER: 4/16/2026
 PLOTTED: 4/16/2026



GENERAL NOTES

1. THE NEW PIPE SHALL BE RESTRAINED TO THE EXISTING PIPE AT THE TIE-IN LOCATIONS. ALL JOINTS IN THE NEW PIPE SECTION SHALL BE RESTRAINED, WITH NO UNRESTRAINED JOINTS PERMITTED. RETAINER GLANDS SHALL BE PROVIDED AT ALL FITTINGS.
2. EXISTING VALVES, AS IDENTIFIED BY AUBURN WATER RESOURCE MANAGEMENT STAFF, SHALL BE UTILIZED FOR ISOLATION FOR CONNECTION OF NEW PIPING TO EXISTING.

BARGE
DESIGN SOLUTIONS

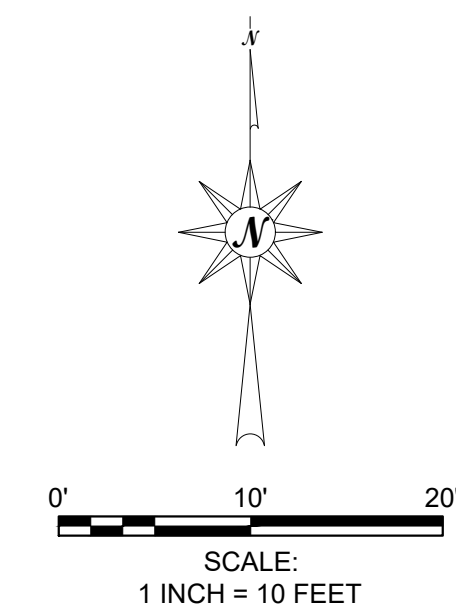
500 Corporate Parkway // Suite 100 // Hoover, Alabama 36024
 PHONE: (205) 256-6074 // FAX: (205) 256-6075



WATER MAIN RELOCATION PLAN
 W/ PROPOSED EASEMENT

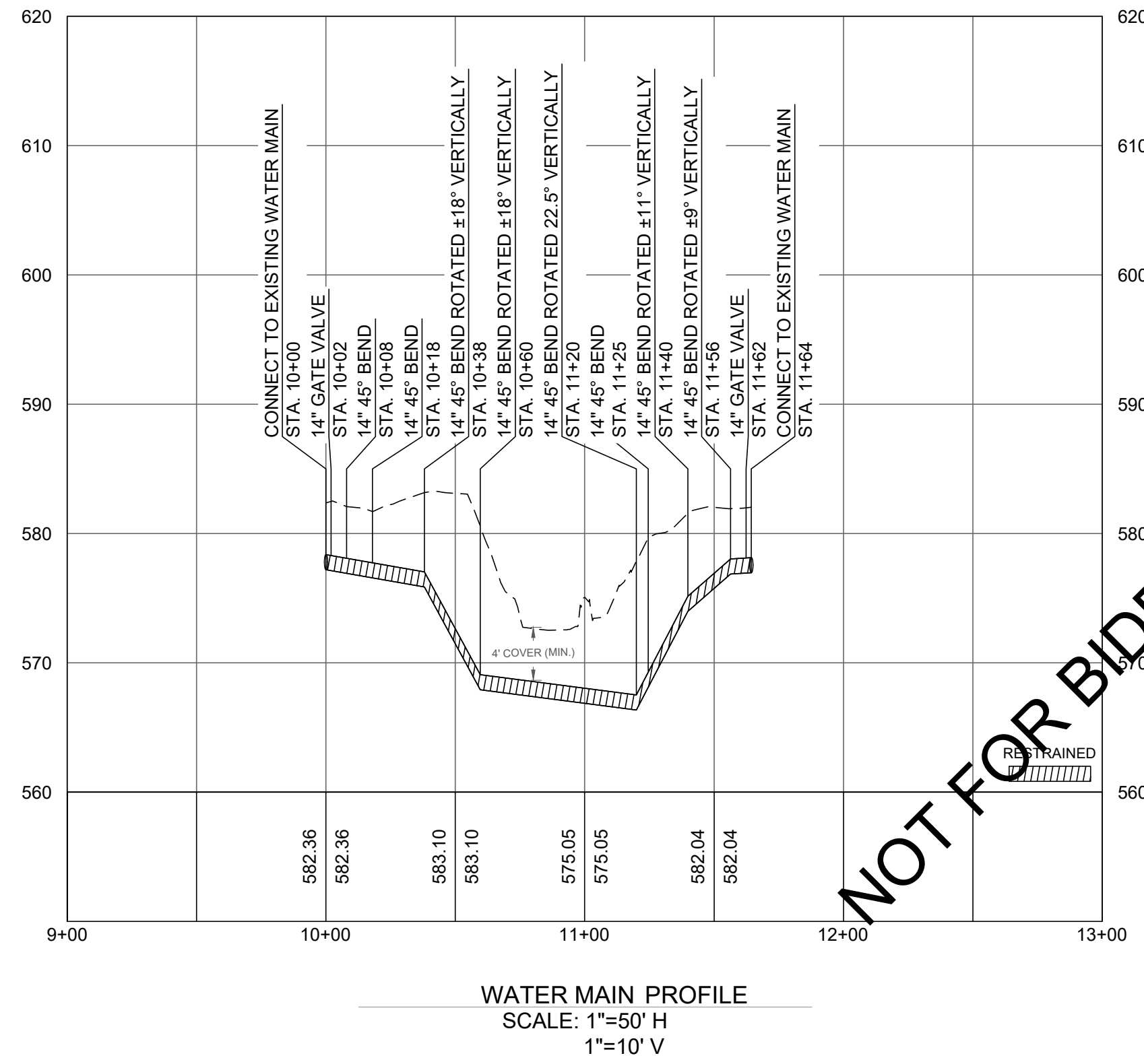
EAST UNIVERSITY DR AND SUMMERTREES DR
 CULVERT REPLACEMENT

AUBURN, AL



811 Know what's below
 Call before you dig.
 811
 www.call811.com

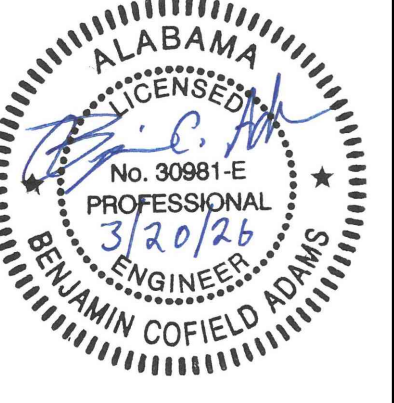
REVISION INFORMATION	
REV.	DESCRIPTION
0	INITIAL ISSUE
1	REVISED UTILITY EASEMENT



NOT FOR BIDDING PURPOSES

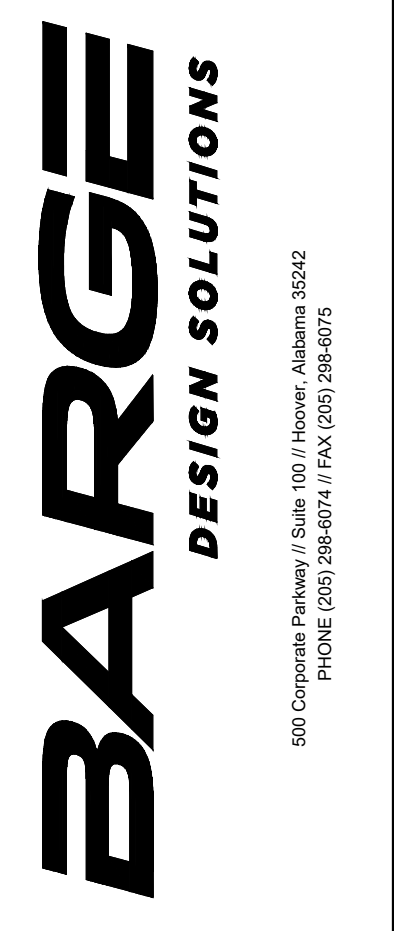
GENERAL NOTES

1. THE NEW PIPE SHALL BE RESTRAINED TO THE EXISTING PIPE AT THE TIE-IN LOCATIONS. ALL JOINTS IN THE NEW PIPE SECTION SHALL BE RESTRAINED, WITH NO UNRESTRAINED JOINTS PERMITTED. RETAINER GLANDS SHALL BE PROVIDED AT ALL FITTINGS.
2. EXISTING VALVES, AS IDENTIFIED BY AUBURN WATER RESOURCE MANAGEMENT STAFF, SHALL BE UTILIZED FOR ISOLATION FOR CONNECTION OF NEW PIPING TO EXISTING.

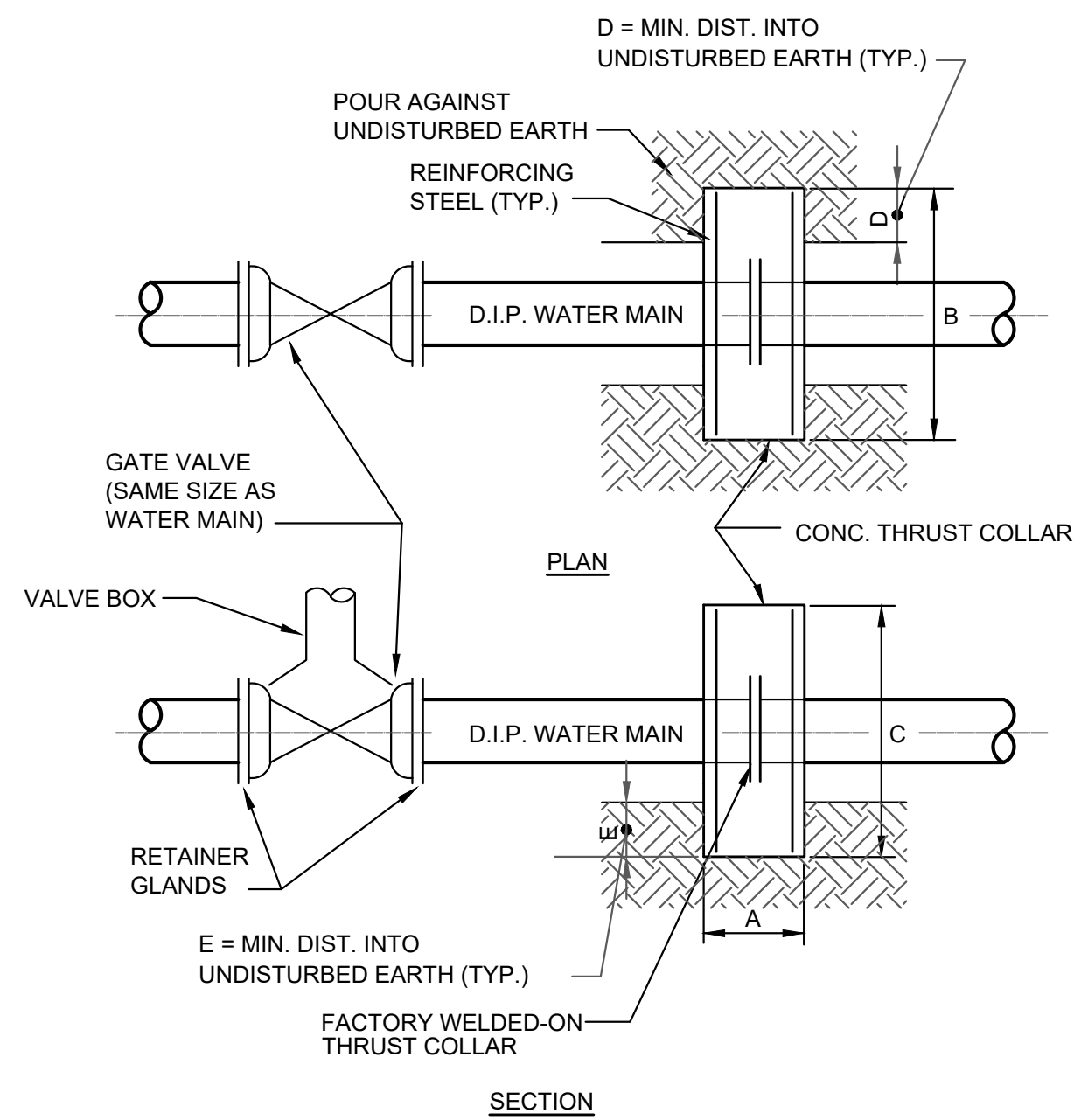


WATER MAIN RELOCATION PROFILE
 EAST UNIVERSITY DR AND SUMMERTREES DR
 CULVERT REPLACEMENT
 AUBURN, AL

REV.	DR.	CHK.	DATE	DESCRIPTION
0	HA	BA	03/20/2026	INITIAL ISSUE



USER: HANDESON
 FILE: F:\33162\3316229\04_CAD\WATER\3316229_01-Water Relocation_Details.dwg
 SAVER: 3/2/2026
 PLOTTED: 3/20/2026

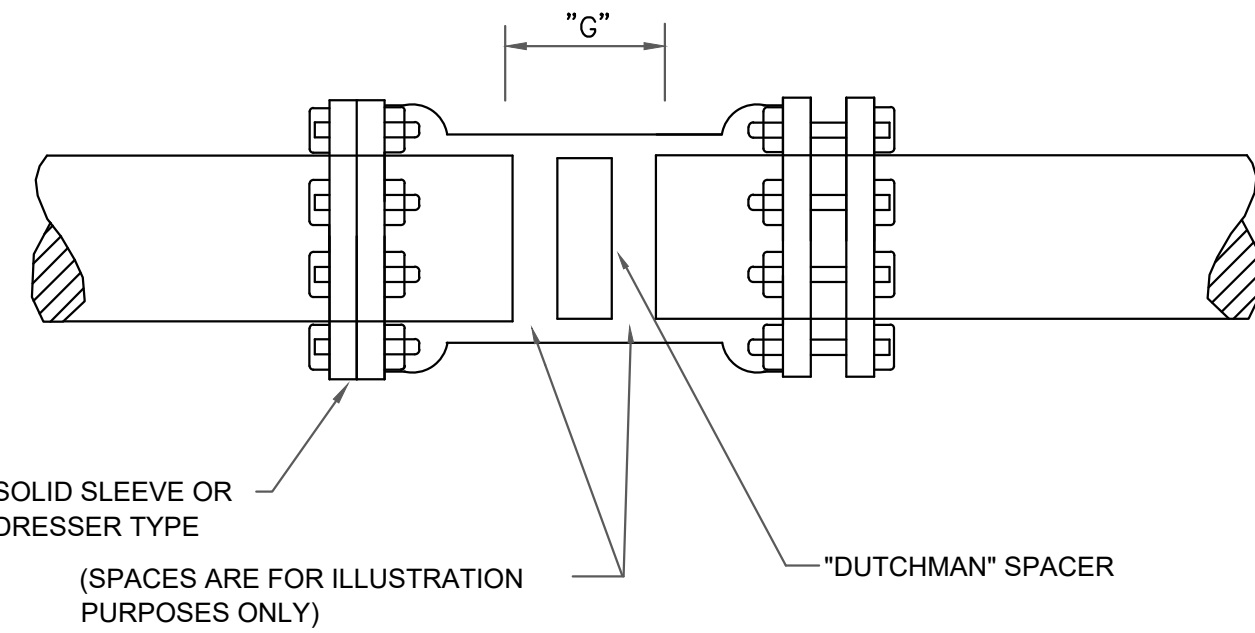


- NOTE:
1. NO INTERMEDIATE JOINTS BETWEEN THRUST COLLAR AND ADJACENT DOWNSTREAM VALVE OR FITTING.
 2. REINFORCEMENT SHALL HAVE 2" COVER AT THE FRONT AND BACK FACES AND 3" COVER AT LEFT, RIGHT AND BOTTOM EDGES. ADDITIONAL REINFORCING AT EACH FACE CONSISTING IN 2 BARS HORIZONTAL AND 2 BARS VERTICAL TO BE PLACED AT THE TOP, BOTTOM, LEFT AND RIGHT OF PIPE OPENING WITH 2" COVER AND 3" SPACING.
 3. IF THRUST COLLAR LOCATED IN ROCK NOTIFY ENGINEER TO SEE IF COLLAR CAN BE RESIZED.

MAIN DIA	MINIMUM CONCRETE COLLAR DIM.					STEEL REINFORCING
	A	B	C	D	E	
14"	1'-6"	10'-0"	5'-0"	3'-4"	1'-8"	#7 @ 12" O.C. E.W.E.F.

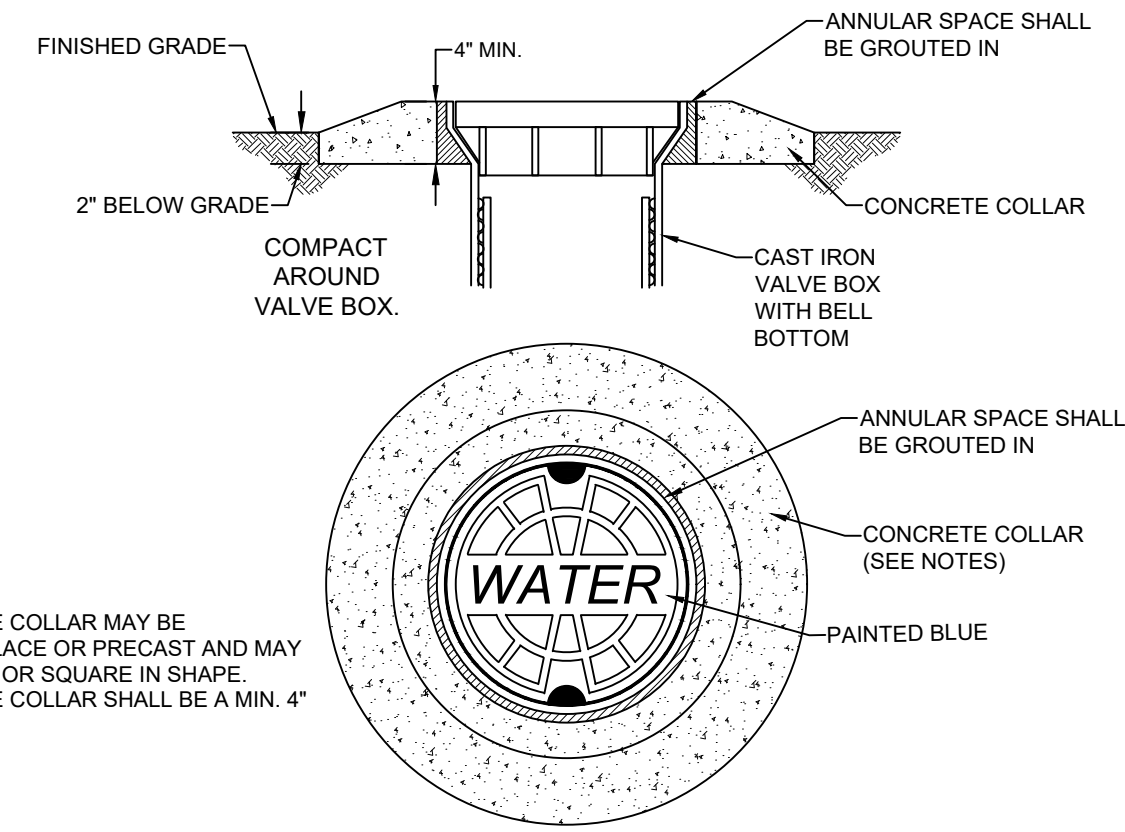
SOIL BEARING PRESSURE: 2000 P.S.F.

1
32A THRUST COLLAR DETAIL
N.T.S.



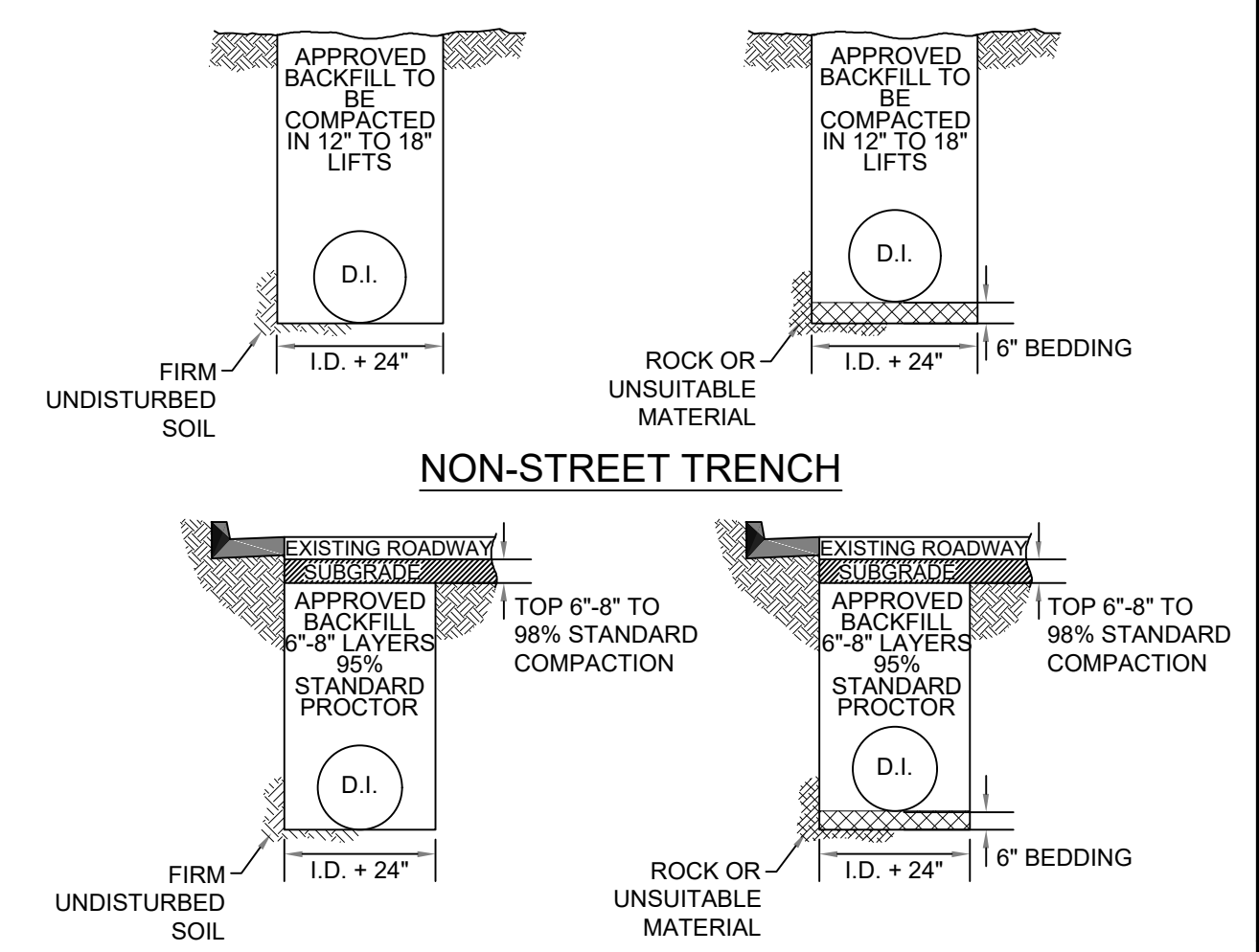
- NOTES:
1. IF "G" IS GREATER THAN 1/2", AT ITS NARROWEST POINT, THEN A FULL CIRCLE SPACER OR "DUTCHMAN" MUST BE CUT AND PLACED IN THE GAP BEFORE THE SLEEVE IS USED TO CLOSE THE JOINT.
 2. THE "DUTCHMAN" SPACER SHALL BE CUT TO A WIDTH NO LESS THAN 1/4" LESS THAN THE NARROWEST WIDTH OF "G".
 3. EACH PIPE SPIGOT SHALL BE MARKED TO INDICATE WHERE THE SLEEVE WILL BE PROPERLY CENTERED OVER THE POINT.
 4. "FULL-CIRCLE" REPAIR CLAMPS ARE NOT APPROVED FOR JOINING PIPE, SUCH CLAMPS ARE SPECIFICALLY DESIGNED FOR REPAIRS ONLY.
 5. IF "STEEL" SLEEVE IS USED, PROPERLY COAT BEFORE BACKFILLING.

2
32A PIPE JOINING USING SOLID SLEEVE
N.T.S.



- NOTE:
1. CONCRETE COLLAR MAY BE CAST-IN-PLACE OR PRECAST AND MAY BE ROUND OR SQUARE IN SHAPE.
 2. CONCRETE COLLAR SHALL BE A MIN. 4" THICK.

4
32A TYPICAL VALVE BOX INSTALLATION
NTS AWWB DETAIL NO. 216



- NOTES:
1. BEDDING MATERIALS SHALL BE 1/4" TO 1 1/2" GRADED CRUSHED STONE SUCH AS: 56.57, 6.67, 68.7, OR 78, STONE PER ALDOT STANDARD SPECS.
 2. WIDTH VARIES BASED ON WALL STABILITY. STABLE WALLS WIDTH AS NEEDED TO JOIN PIPE AND COMPACT HAUNCHING AND INITIAL BACKFILL. UNSTABLE WALLS: WIDTH TO BE A MINIMUM OF FIVE TIMES PIPE DIAMETER.
 3. FLOWABLE FILL CAN BE USED AS BACKFILL, BUT MUST HAVE PRIOR APPROVAL AND MUST BE ALLOWED TO SET FOR 24 HOURS PRIOR TO TOPPING.
 4. APPROVED BACKFILL MATERIAL INCLUDES 825 B, FLOWABLE FILL AND APPROVED DIRT. ALTERNATIVE MATERIAL MUST BE APPROVED BY PROJECT MANAGER PRIOR TO USE.

4
32A BEDDING REQUIREMENTS FOR TRENCHES
NTS AWWB DETAIL NO. 210

NOT FOR BIDDING PURPOSES

BARGE
DESIGN SOLUTIONS

500 Corporate Parkway / Suite 100 // Hoover, Alabama 35242
 PHONE (205) 256-6074 / FAX (205) 256-6075



WATER RELOCATION DETAILS
 EAST UNIVERSITY DR AND SUMMERTREES DR
 CULVERT REPLACEMENT
 AUBURN, AL

REV.	DR.	CHK.	DATE	DESCRIPTION
0	HA	BA	03/20/2026	INITIAL ISSUE



32A
 FILE NO. 33162-29

EROSION AND SEDIMENT CONTROL LEGEND SHEET

BEST MANAGEMENT PRACTICES (BMP's)

TEMPORARY SLOPE DRAIN PIPE WITH ROCK DITCH CHECK AND SUMP EXCAVATION	
TEMPORARY EARTH BERM	
BRUSH BARRIER	
SILT FENCE SEDIMENT BARRIER	
FLOATING BASIN BOOM	
HAY BALE DITCH CHECK	
SAND BAG DITCH CHECK	
WATTLE DITCH CHECK	
ROCK DITCH CHECK	
ROCK DITCH CHECK WITH SUMP EXCAVATION	
SILT FENCE DITCH CHECK	
SLOPE INTERRUPTOR	

INLET PROTECTION	
STABILIZED CONSTRUCTION ENTRANCE	
EROSION CONTROL PRODUCTS	
SLOPE DRAIN	
TEMPORARY EARTH BERM WITH POLYETHYLENE	
DREDGE, FILL	
PRIMARY STORMWATER DISCHARGE POINT	
SECONDARY STORMWATER DISCHARGE POINT	
BACKGROUND POINT	
SEDIMENT RETENTION BARRIER	
SOLID SODDING	
TEMPORARY RIPRAP BERM	
TEMPORARY SEDIMENTATION BASIN	
PERMANENT DETENTION BASIN	

NOT FOR BIDDING PURPOSES

EROSION AND SEDIMENT CONTROL PHASES

INITIAL PHASE - AS CLEARING BEGINS AND PRIOR TO ANY GRUBBING OR GRADING WORK.

INTERMEDIATE PHASE - AS NEEDED, AS WORK IS ONGOING AND ADVANCING TOWARD COMPLETION.

FINAL CONSTRUCTION - AS WORK IS COMPLETED AND PERMANENT VEGETATION IS ESTABLISHED.



EROSION AND SEDIMENT CONTROL LEGEND SHEET
EAST UNIVERSITY DRIVE AND SUMMERTREES DRIVE
CULVERT REPLACEMENT
AUBURN, ALABAMA

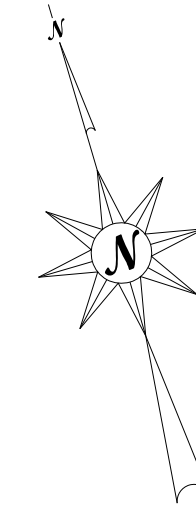
--SPECIFICATIONS-- CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION

THIS DRAWING REPRESENTS DESIGNS PREPARED FOR USE BY THE ALABAMA DEPARTMENT OF TRANSPORTATION AND IS NOT TO BE COPIED, REPRODUCED, ALTERED, OR USED BY ANYONE, OR ANY ORGANIZATION, WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ALABAMA DEPARTMENT OF TRANSPORTATION REPRESENTATIVE AUTHORIZED TO APPROVE THIS USE. ANYONE MAKING UNAUTHORIZED USE OF THIS DRAWING MAY BE PROSECUTED TO THE FULLEST EXTENT OF THE LAW.

REVISIONS	 ALABAMA DEPARTMENT OF TRANSPORTATION 1409 COLISEUM BOULEVARD MONTGOMERY, AL 36130-3050 DESIGN BUREAU SPECIAL DRAWING
	EROSION & SEDIMENT CONTROL LEGEND SPECIAL DRAWING NO. _____ INDEX NO. _____ SPECIAL PROJECT DETAIL
Bureau Std Engr: J.T.	
DRAWN BY: D.T.M. DATE DRAWN: 02-10-25	

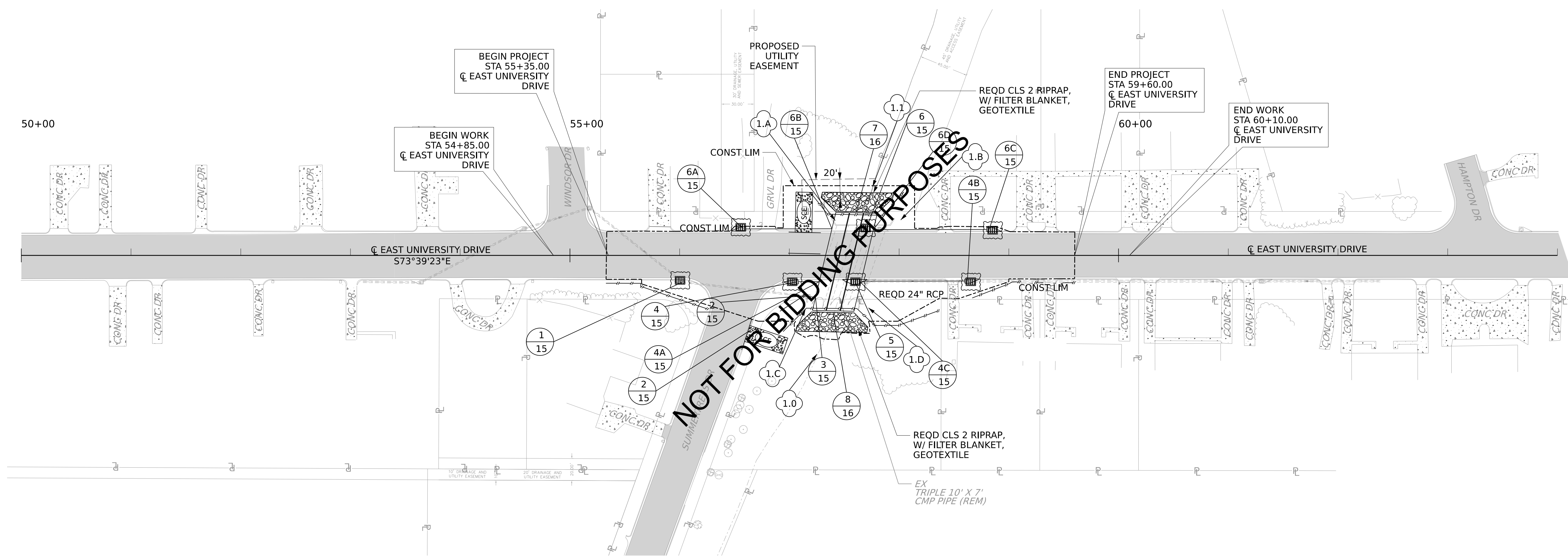
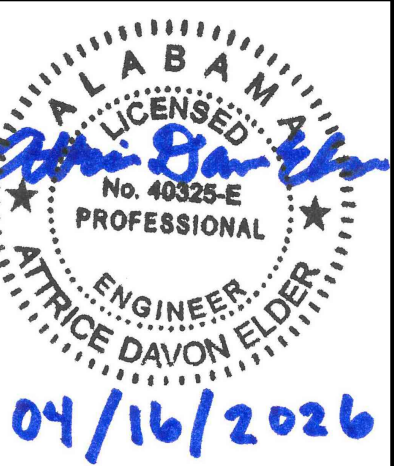
REV.	CHK.	DATE	DESCRIPTION

EROSION AND SEDIMENT CONTROL - INTERMEDIATE PHASE



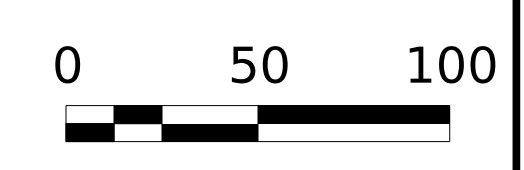
BARGE
DESIGN SOLUTIONS

500 Corporate Parkway // Suite 100 // Hoover, Alabama 35242
PHONE (205) 296-6074 // FAX (205) 296-6075



NOT FOR BIDDING PURPOSES

EROSION AND SEDIMENT CONTROL -
INTERMEDIATE PHASE
EAST UNIVERSITY DRIVE AND SUMMERTREES DRIVE
CULVERT REPLACEMENT
AUBURN, ALABAMA



SCALE
(FEET)



REV.	DR.	CHK.	DATE	DESCRIPTION

35
FILE NO. 33162-29

SPECIAL PROJECT DETAIL - REINFORCED CONCRETE BOX CULVERT TRIPLE OPENING 12' X 7'

REFERENCE PROJECT NUMBER	FISCAL YEAR	SHEET NUMBER

HALF TYPICAL CROSS SECTION
Scale: 3/16" = 1' - 0"

LONGITUDINAL SECTION
Scale: 3/16" = 1' - 0"

FILL	0°-3'	3'-6'	6'-12'	12'-18'	18'-24'	24'-30'	30'-36'
Bars B#6	38'-1"	37'-11"	38'-3"	38'-5"	38'-7"	38'-9"	38'-10"
Bars F#4	8'-6"	8'-4"	8'-7"	9'-0"	9'-3"	9'-7"	9'-10"
Bars F#6	8'-6"	8'-4"	8'-7"	9'-0"	9'-3"	9'-7"	9'-10"

ELEVATION NO SKEW
Scale: 3/16" = 1' - 0"

ELEVATION ON SKEW
Scale: 3/16" = 1' - 0"

PLAN NO SKEW
Scale: 3/16" = 1' - 0"

PLAN ON SKEW
Scale: 3/16" = 1' - 0"

FILL	0°-3'	3'-6'	6'-12'	12'-18'	18'-24'	24'-30'	30'-36'
Bars A-6'-0 1/2"	1'-3"	1'-3"	1'-3"	1'-3"	1'-3"	1'-3"	1'-3"
Bars A-5'-11 1/2"	1'-3"	1'-3"	1'-3"	1'-3"	1'-3"	1'-3"	1'-3"
Bars A-6'-1 1/2"	1'-3"	1'-3"	1'-3"	1'-3"	1'-3"	1'-3"	1'-3"
Bars A-6'-2 1/2"	1'-3"	1'-3"	1'-3"	1'-3"	1'-3"	1'-3"	1'-3"
Bars A-6'-3 1/2"	1'-3"	1'-3"	1'-3"	1'-3"	1'-3"	1'-3"	1'-3"
Bars A-6'-4 1/2"	1'-3"	1'-3"	1'-3"	1'-3"	1'-3"	1'-3"	1'-3"
Bars A-6'-5"	1'-3"	1'-3"	1'-3"	1'-3"	1'-3"	1'-3"	1'-3"

FILL	0°-3'	3'-6'	6'-12'	12'-18'	18'-24'	24'-30'	30'-36'
Bars D#5	8'-6" o.a.	8'-4" o.a.	8'-7" o.a.	9'-0" o.a.	9'-3" o.a.	9'-7" o.a.	9'-10" o.a.
Bars D#6	8'-6" o.a.	8'-4" o.a.	8'-7" o.a.	9'-0" o.a.	9'-3" o.a.	9'-7" o.a.	9'-10" o.a.
Bars D#7	8'-6" o.a.	8'-4" o.a.	8'-7" o.a.	9'-0" o.a.	9'-3" o.a.	9'-7" o.a.	9'-10" o.a.

FILL	0°-3'	3'-6'	6'-12'	12'-18'	18'-24'	24'-30'	30'-36'
Bars C#5	6'-11"	6'-11"	6'-11"	6'-11"	6'-11"	6'-11"	6'-11"
Bars C#6	6'-11"	6'-11"	6'-11"	6'-11"	6'-11"	6'-11"	6'-11"
Bars C#7	7'-4"	7'-4"	7'-4"	7'-4"	7'-4"	7'-4"	7'-4"

FILL	0°-3'	3'-6'	6'-12'	12'-18'	18'-24'	24'-30'	30'-36'
Bars A, B, & N	# 6 @ 9" o.c.	# 6 @ 10" o.c.	# 7 @ 11" o.c.	# 7 @ 9" o.c.	# 7 @ 8" o.c.	# 8 @ 9" o.c.	# 9 @ 10" o.c.
Bars C & D	# 5 @ 9" o.c.	# 5 @ 10" o.c.	# 6 @ 11" o.c.	# 6 @ 9" o.c.	# 6 @ 8" o.c.	# 7 @ 9" o.c.	# 7 @ 10" o.c.

ESTIMATED QUANTITIES								
FILL	PER LIN. FT. BB'L		CURBS & TOEWALLS					
	C.Y. CONC.	LB. REI. NF.	0° SKEW		30° SKEW		45° SKEW	
0'-3'	3.27	628	512	462	590	1617	7.26	2040
3'-6'	2.98	556	545	461	629	1612	7.73	2029
6'-12'	3.44	666	496	464	572	1623	7.03	2045
12'-18'	4.09	790			474	1628	5.82	2056
18'-24'	4.51	877					5.10	2061
24'-30'	5.05	1017						
30'-36'	5.45	1113						

0° SKEW		30° SKEW		45° SKEW	
0'-3'	Bars I#7 4 Req'd. 38'-1"	0'-3'	Bars I#7 10 Req'd. 44'-0"	0'-3'	Bars I#7 20 Req'd. 28'-3"
3'-6'	Bars I#7 4 Req'd. 37'-11"	3'-6'	Bars I#7 10 Req'd. 43'-10"	3'-6'	Bars I#7 20 Req'd. 28'-1"
6'-12'	Bars I#7 4 Req'd. 38'-3"	6'-12'	Bars I#7 10 Req'd. 44'-2"	6'-12'	Bars I#7 20 Req'd. 28'-4"
0'-12'	Bars M#4 2 Req'd. 33'-9"	12'-18'	Bars I#7 10 Req'd. 44'-4"	12'-18'	Bars I#7 20 Req'd. 28'-6"
		18'-24'	Bars I#7 10 Req'd. 44'-4"	18'-24'	Bars I#7 20 Req'd. 28'-7"
		0'-18'	Bars M#4 2 Req'd. 39'-0"	0'-24'	Bars M#4 4 Req'd. 24'-7"

0° SKEW		30° SKEW		45° SKEW	
0'-3'	Bars O#7 6 Req'd. 44'-0" o.a.	0'-3'	Bars O#7 12 Req'd. 28'-3" o.a.	0'-3'	Bars O#7 12 Req'd. 28'-3" o.a.
3'-6'	Bars O#7 6 Req'd. 43'-10" o.a.	3'-6'	Bars O#7 12 Req'd. 28'-1" o.a.	3'-6'	Bars O#7 12 Req'd. 28'-1" o.a.
6'-12'	Bars O#7 6 Req'd. 44'-2" o.a.	6'-12'	Bars O#7 12 Req'd. 28'-4" o.a.	6'-12'	Bars O#7 12 Req'd. 28'-4" o.a.
12'-18'	Bars O#7 6 Req'd. 44'-4" o.a.	12'-18'	Bars O#7 12 Req'd. 28'-6" o.a.	12'-18'	Bars O#7 12 Req'd. 28'-6" o.a.
		18'-24'	Bars O#7 12 Req'd. 28'-7" o.a.	18'-24'	Bars O#7 12 Req'd. 28'-7" o.a.

0° SKEW		30° SKEW		45° SKEW	
0'-3'	Bars N#4 8'-6"	0'-3'	Bars N#4 8'-6"	0'-3'	Bars N#4 8'-6"
3'-6'	Bars N#4 8'-6"	3'-6'	Bars N#4 8'-6"	3'-6'	Bars N#4 8'-6"
6'-12'	Bars N#4 8'-6"	6'-12'	Bars N#4 8'-6"	6'-12'	Bars N#4 8'-6"
12'-18'	Bars N#4 8'-6"	12'-18'	Bars N#4 8'-6"	12'-18'	Bars N#4 8'-6"
18'-24'	Bars N#4 8'-6"	18'-24'	Bars N#4 8'-6"	18'-24'	Bars N#4 8'-6"
24'-30'	Bars N#4 8'-6"	24'-30'	Bars N#4 8'-6"	24'-30'	Bars N#4 8'-6"
30'-36'	Bars N#4 8'-6"	30'-36'	Bars N#4 8'-6"	30'-36'	Bars N#4 8'-6"

NOTE: All Slab Reinforcing Bars Shall Be Cut To Fit Skew And Hooked.

ALABAMA DEPARTMENT OF TRANSPORTATION

STANDARD REINFORCED CONCRETE BOX CULVERT TRIPLE OPENING 12' x 7' FILL 0' - 36' ANY SKEW

STANDARD DWG. NO. **CT-127**

DESIGN SECTION SUPERVISOR	CHECKED BY:	DRAWN BY:	DATE CHECKED:	DATE DRAWN:	SCALE:
					AS SHOWN

Plotted: 23-FEB-2018 08:57

SPECIAL PROJECT DETAIL - REINFORCED CONCRETE BOX CULVERT WINGS OPENING 7' HEIGHT 3:1 SLOPE

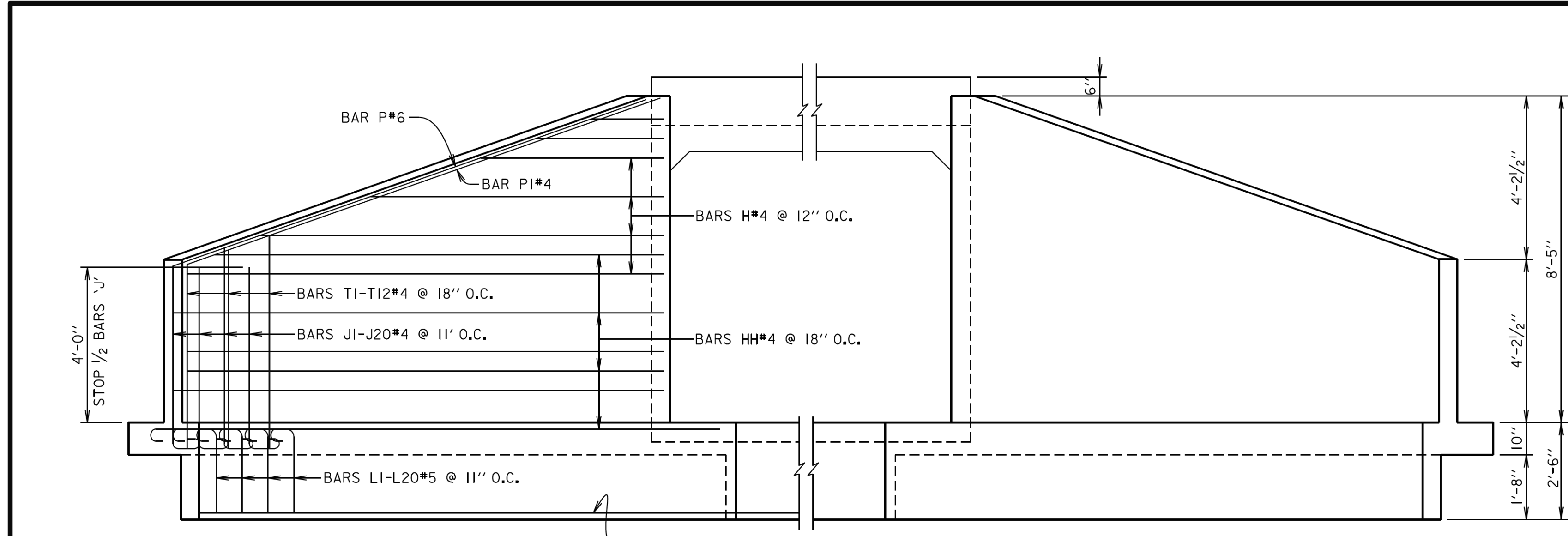
REFERENCE PROJECT NUMBER	FISCAL YEAR	SHEET NUMBER

BARGE
DESIGN SOLUTIONS

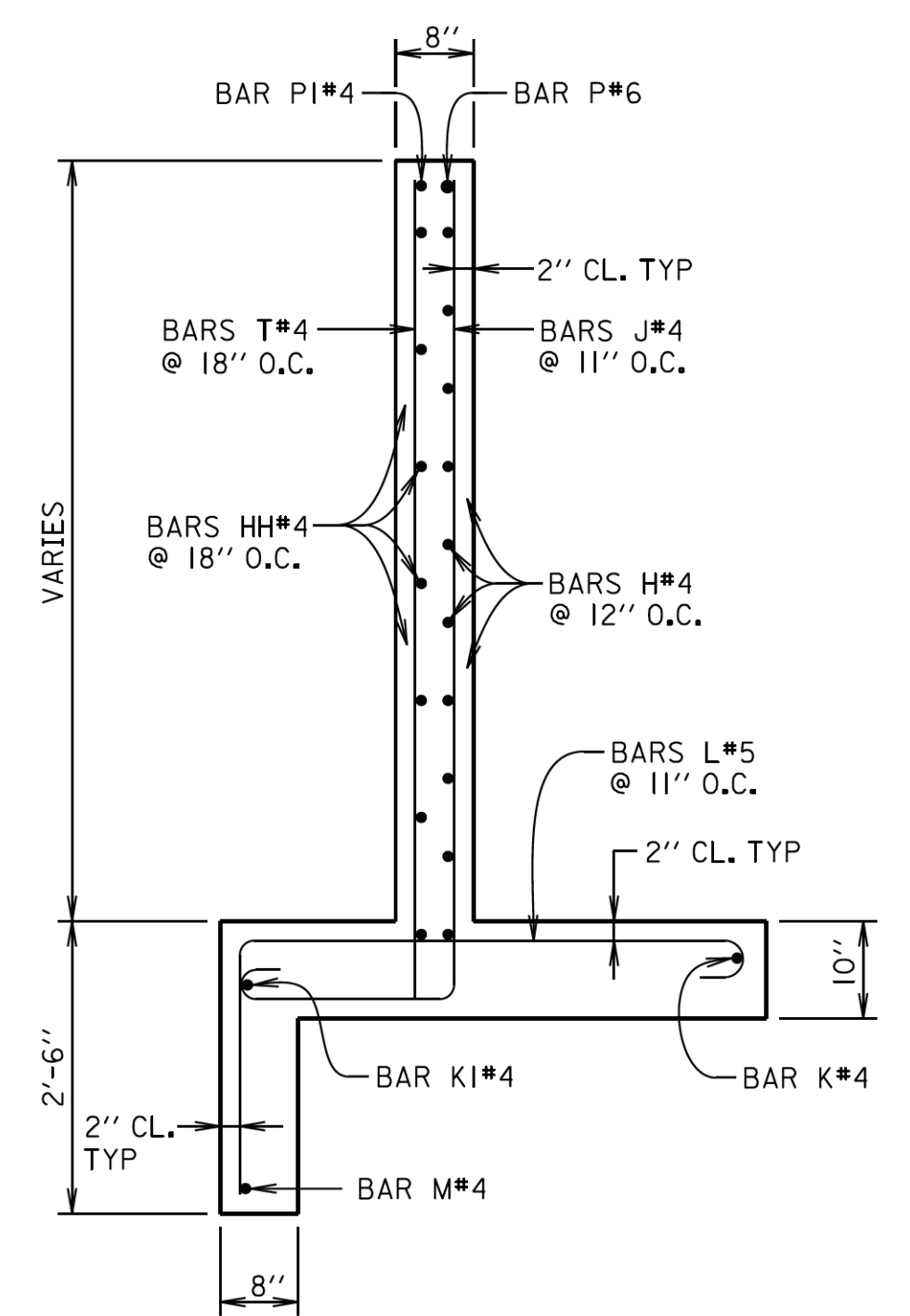
500 Corporate Parkway // Suite 100 // Hoover, Alabama 35242
PHONE (205) 296-6074 // FAX (205) 296-6075

ALABAMA PROFESSIONAL ENGINEER
No. 43325-E
TRICIA DAVON ELDER
03/20/2026

SPECIAL PROJECT DETAIL - REINFORCED CONCRETE BOX CULVERT WINGS OPENING 7' HEIGHT 3:1 SLOPE
EAST UNIVERSITY DRIVE AND SUMMERTREES DRIVE
CULVERT REPLACEMENT
AUBURN, ALABAMA

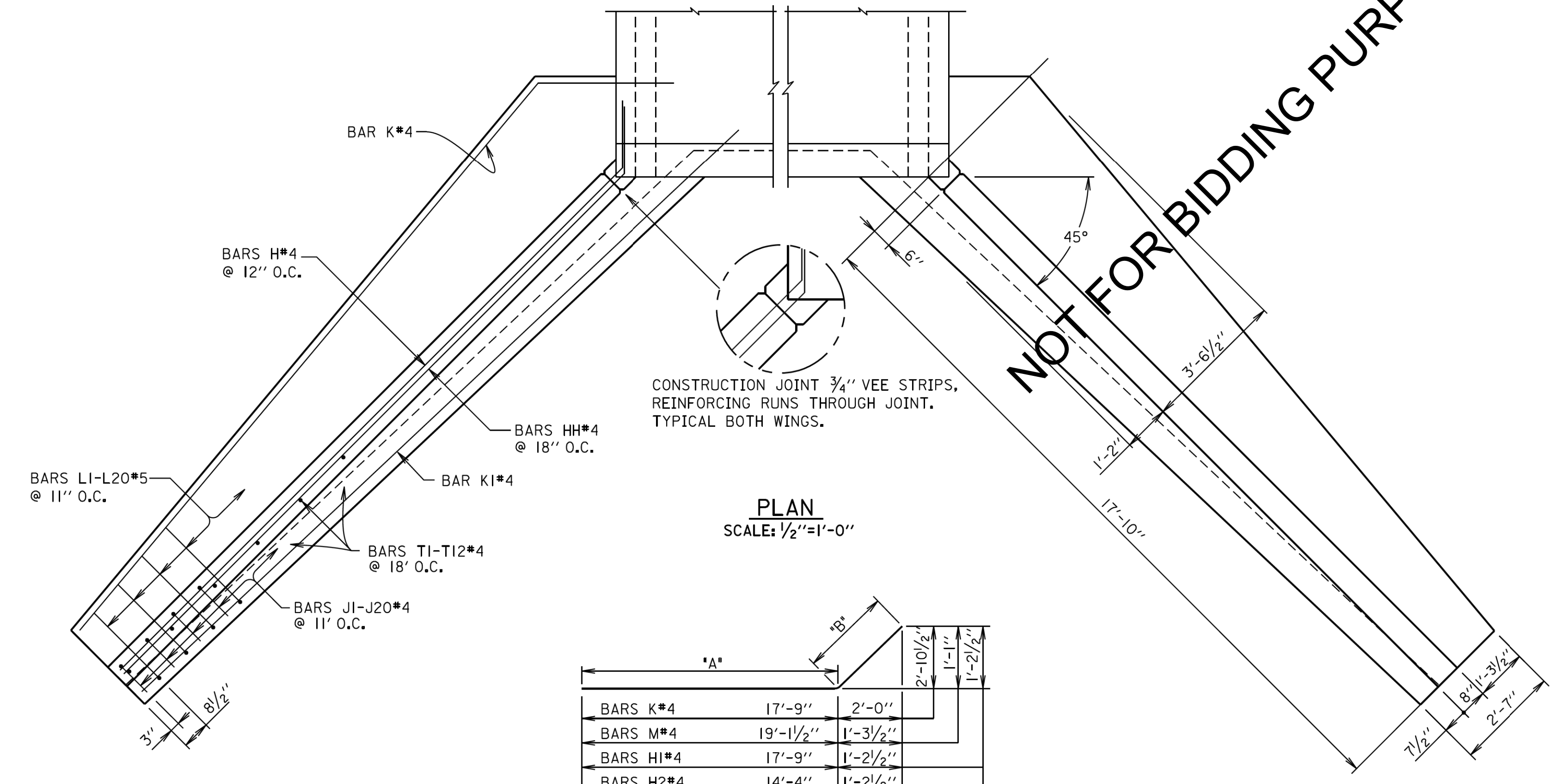


ELEVATION
SCALE: 1/2"=1'-0"



TYPICAL WING SECTION
SCALE: 3/4"=1'-0"

BAR	SIZE	NO.	TOTAL LENGTH	DIMENSIONS	
				"A"	"B"
P	#6	4	17'-8"		
P1	#4	4	17'-8"		
M	#4	4	20'-6 1/2"	18'-10 1/2"	1'-8"
K1	#4	4	20'-3 1/2"		
H1	#4	20	19'-3"	17'-3"	1'-8"
H2	#4	4	16'-0 1/2"	14'-4 1/2"	1'-8"
H3	#4	4	11'-11"	10'-3"	1'-8"
H4	#4	4	7'-9 1/2"	6'-1 1/2"	1'-8"
H5	#4	4	3'-8"	2'-0"	1'-8"
HH1	#4	12	19'-2"	17'-6"	1'-8"
HH2	#4	4	18'-1"	16'-5"	1'-8"
HH3	#4	4	11'-11"	10'-3"	1'-8"
HH4	#4	4	5'-8"	6'-1 1/2"	1'-8"



PLAN
SCALE: 1/2"=1'-0"

BAR	SIZE	NO.	TOTAL LENGTH	"A"	"B"
BARS K#4	#4	4	17'-9"	2'-0"	
BARS M#4	#4	4	19'-1 1/2"	1'-3 1/2"	
BARS H1#4	#4	20	17'-9"	1'-2 1/2"	
BARS H2#4	#4	4	14'-4"	1'-2 1/2"	
BARS H3#4	#4	4	10'-1"	1'-2 1/2"	
BARS H4#4	#4	4	5'-10"	1'-2 1/2"	
BARS H5#4	#4	4	1'-7"	1'-2 1/2"	
BARS HH1#4	#4	12	17'-7"	1'-2 1/2"	
BARS HH2#4	#4	4	16'-3"	1'-2 1/2"	
BARS HH3#4	#4	4	10'-0"	1'-2 1/2"	
BARS HH4#4	#4	4	3'-8"	1'-2 1/2"	

- NOTES:
1. THESE CULVERT WINGS SHALL BE USED ON ALL CULVERTS WHICH HAVE A VERTICAL OPENING DIMENSION OF 7 FEET AND WHICH ARE SKEWED FROM 0° THROUGH 15°.
 2. ALL EVEN NUMBERED 'J' BARS SHOULD STOP @ 1/2 'J' BAR HEIGHT.

ESTIMATED QUANTITIES (4 WINGS)
22.5-----CU. YDS. CONC.
1947-----LBS. REINF. STEEL

THESE DRAWINGS REPRESENT DESIGNS PREPARED FOR USE BY THE ALABAMA DEPARTMENT OF TRANSPORTATION AND ARE NOT TO BE COPIED, REPRODUCED, ALTERED, OR USED BY ANYONE, OR ANY ORGANIZATION, WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ALABAMA DEPARTMENT OF TRANSPORTATION REPRESENTATIVE AUTHORIZED TO APPROVE SUCH USE. ANYONE MAKING UNAUTHORIZED USE OF THESE DRAWINGS MAY BE PROSECUTED TO THE FULLEST EXTENT OF THE LAW.

ALABAMA DEPARTMENT OF TRANSPORTATION

THIS STANDARD TO BE USED WITH ANY OF THE FOLLOWING STANDARDS

STANDARD REINFORCED CONCRETE BOX CULVERT WINGS OPENING 7' HEIGHT 3' TO 1' SLOPE 0° SKEW

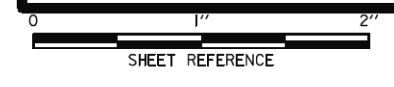
STANDARD DWG. NO. **W7-3:1-0**

ESTIMATED QUANTITIES COMPUTED BY: L.E.D.
VERIFIED BY: M.T.W.

REVISIONS:
1. Revised No. of HH Bars 1-8-74 F.W.
2. Reinforcements 3-15-82 F.W.
3. Digitized 10-20-05 L.E.D.
4. Quantities Calculated, update drawing 11-6-15 JCM

CHECKED BY: F.W. DATE: 5-71
DRAWN BY: L.E.D.
DESIGNED BY: M.T.W.
SCALE: AS SHOWN

NOT FOR BIDDING PURPOSES



Z:\Standards\Culvert\uscustwing\w073000.dgn

Plotted: 05-MAR-2018 15:05

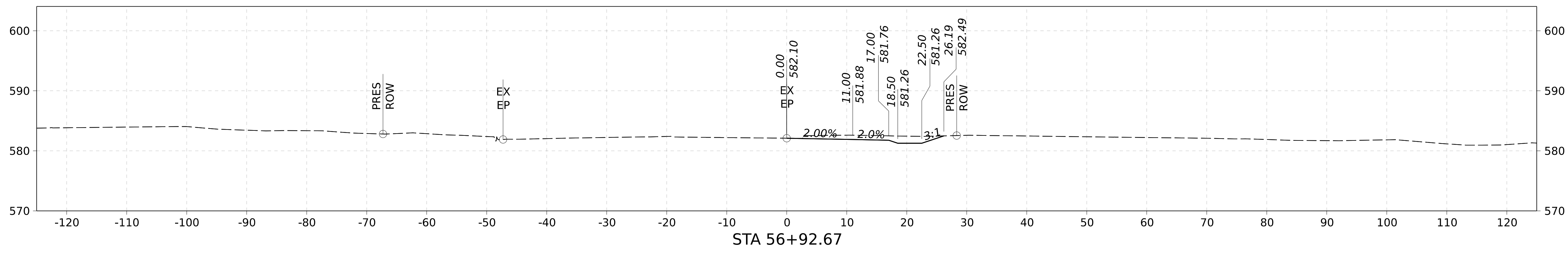
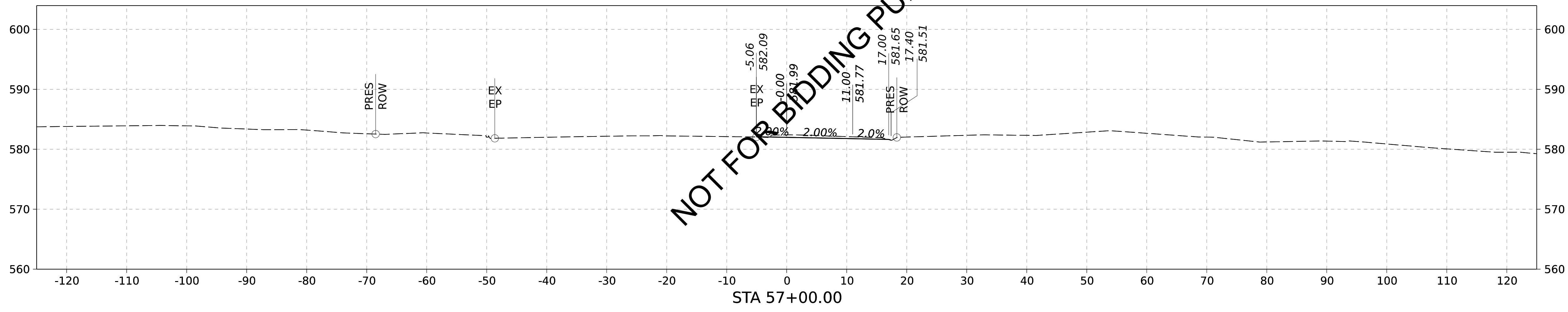
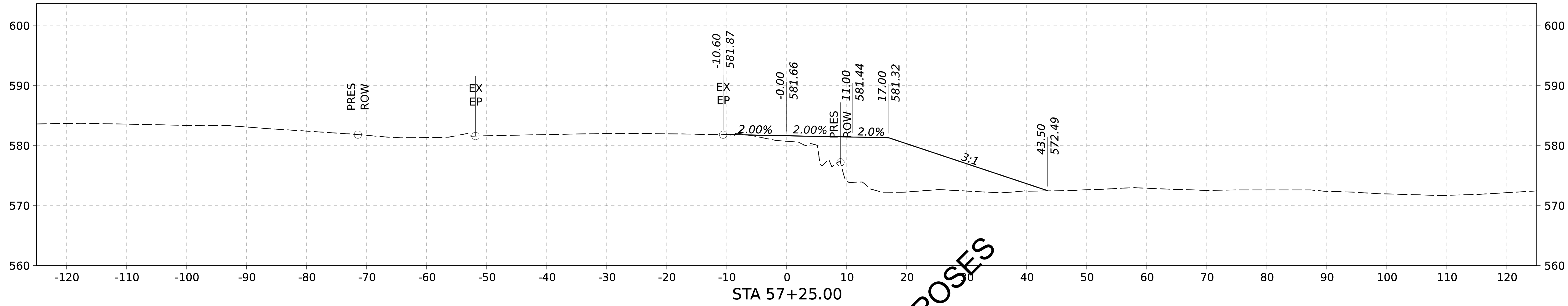
811 Know what's below
Call before you dig.
811
www.call811.com

TEMPORARY DIVERSION CROSS SECTIONS

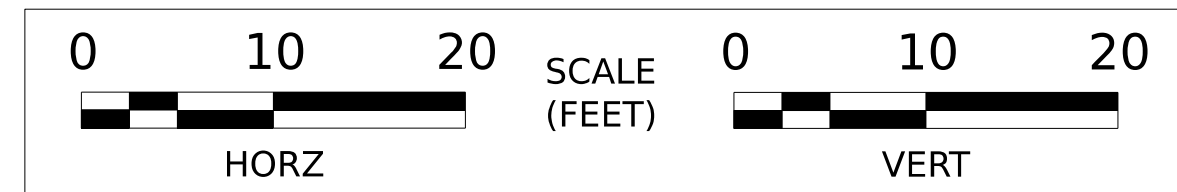


TEMPORARY DIVERSION CROSS SECTIONS
EAST UNIVERSITY DRIVE AND SUMMERTREES DRIVE
CULVERT REPLACEMENT
AUBURN, ALABAMA

REVISION INFORMATION	
REV.	DESCRIPTION



NOT FOR BIDDING PURPOSES



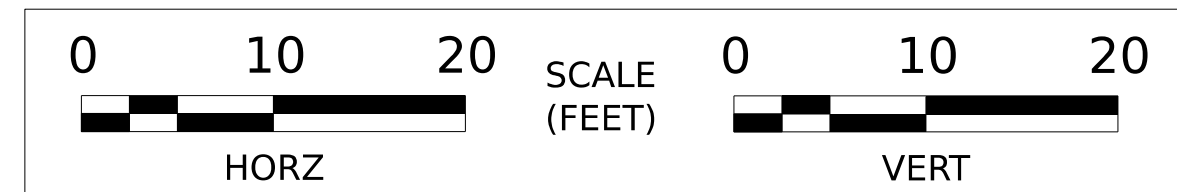
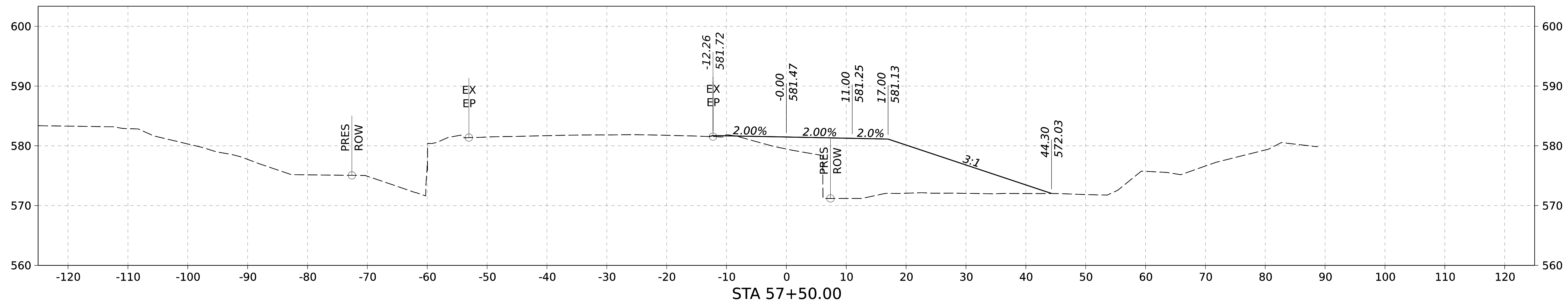
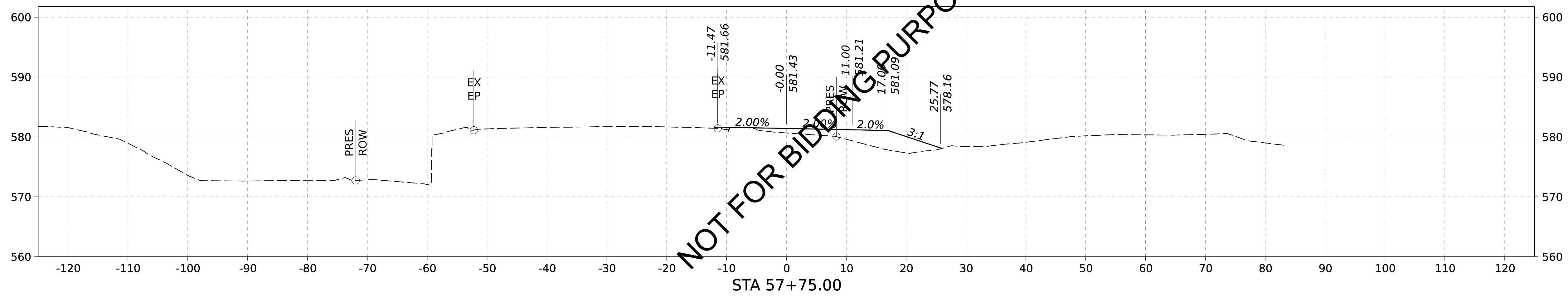
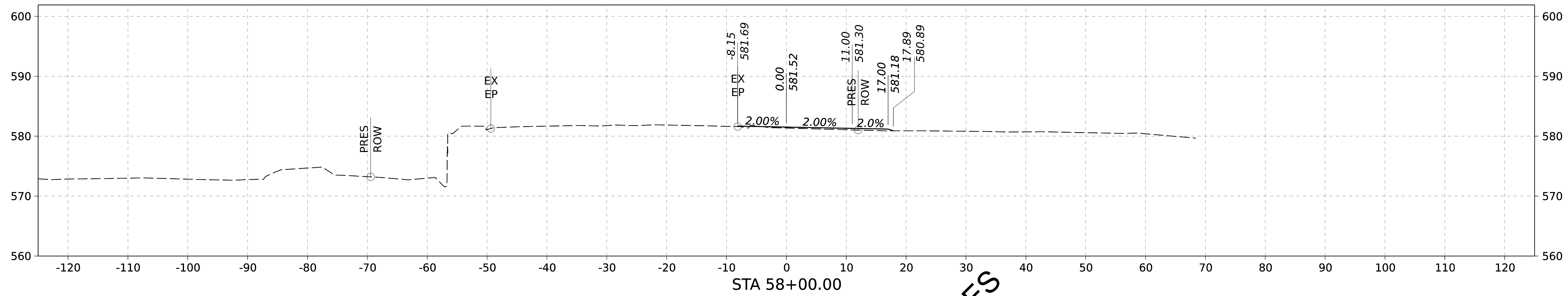
811 Know what's below
Call before you dig.
811
www.call811.com

TEMPORARY DIVERSION CROSS SECTIONS



TEMPORARY DIVERSION CROSS SECTIONS
EAST UNIVERSITY DRIVE AND SUMMERTREES DRIVE
CULVERT REPLACEMENT
AUBURN, ALABAMA

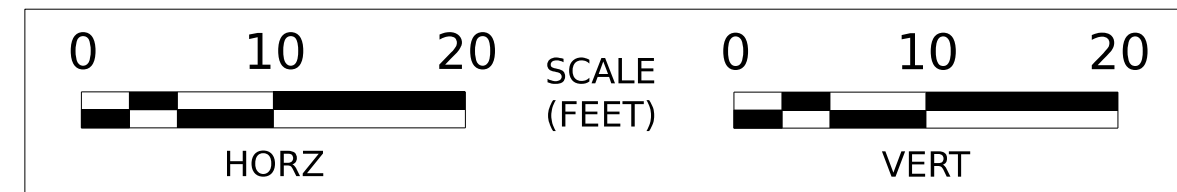
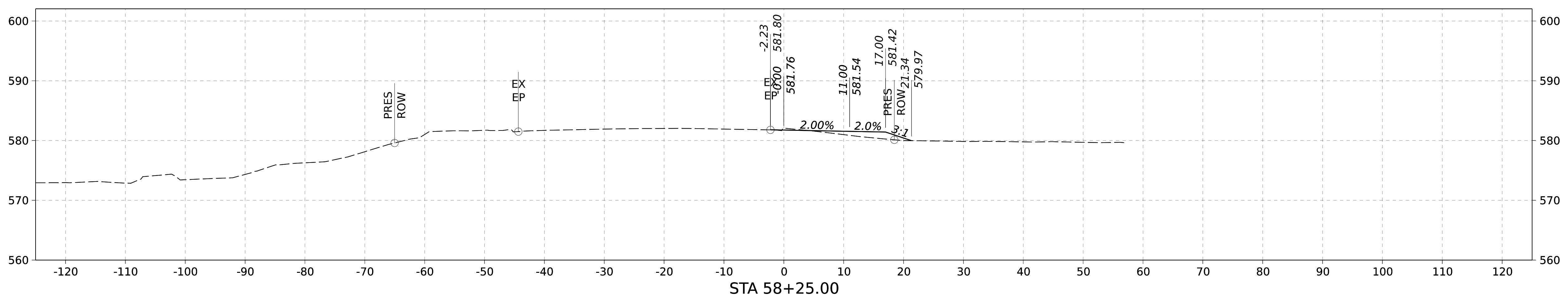
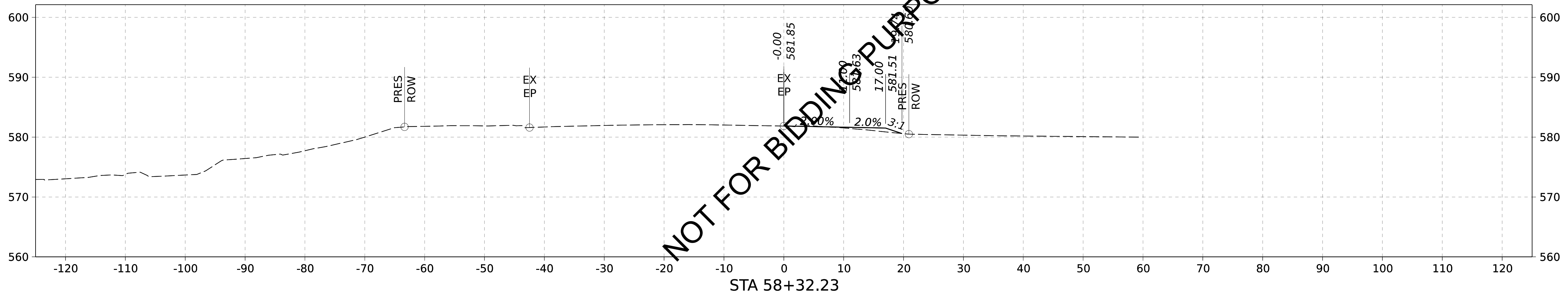
REV.	DR.	CHK.	DATE	DESCRIPTION



NOT FOR BIDDING PURPOSES

TEMPORARY DIVERSION CROSS SECTIONS

REV.	DR.	CHK.	DATE	DESCRIPTION



NOT FOR BIDDING PURPOSES