

SPECIFICATIONS, PROPOSAL AND CONTRACT DOCUMENTS

FOR

**STREET RESURFACING
FY2025 REBUILD ALABAMA ACT
ANNUAL GRANT PROGRAM**

PREPARED FOR:

TOWN OF PINE HILL

OCTOBER 2025

PREPARED BY:



Andalusia, Alabama

SPECIFICATIONS
PROPOSAL AND CONTRACT DOCUMENTS
FOR

STREET RESURFACING
FY2025 REBUILD ALABAMA ACT
ANNUAL GRANT PROGRAM

Prepared for:

TOWN OF PINE HILL
PINE HILL, ALABAMA

Prepared by:

Southern Engineering Solutions, Inc.
P.O. Box 610
201 East Troy Street
Andalusia, Alabama 36420
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(334) 222-1869 Fax

October 2025

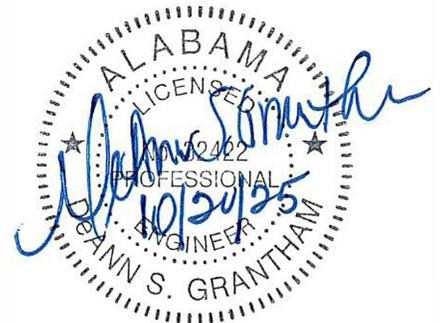


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ADVERTISEMENT FOR BIDS

Sealed bids for the construction of **Street Resurfacing, FY2025 Rebuild Alabama Act Annual Grant Program** in Pine Hill, Alabama will be received by the **Town of Pine Hill** at the Pine Hill Town Hall (3967 Broad Street) until **10:00 a.m., Tuesday, November 18, 2025**, and then at said location publicly opened and read aloud.

The work under this contract consists of approximately 2,100 tons of bituminous asphalt wearing surface, 500 tons of bituminous asphalt leveling, 560 sqft of traffic control markings, 75 tons of rip-rap and other associated project items.

The information for Bidders, Form of Bid, Form of Contract, Plans, Specifications, and form of Bid Bond, Performance and Payment Bond, and other Contract Documents may be examined at the Pine Hill Town Hall, 3967 Broad Street, Pine Hill, Alabama and at the office of Southern Engineering Solutions, Inc., 201 East Troy Street, Andalusia, Alabama.

To be eligible for consideration, bids must be submitted on complete proposals made available by the Owner. Complete digital project bidding documents are available upon an online payment of a non-refundable fee of \$40.00 by visiting our website - www.southernengineering.com and clicking the "Currently Bidding" link at the top of the page. A free one-time membership registration with Quest CDN will be required. Please contact questcdn.com at 952-233-1632 or info@questcdn.com if you require assistance in registration, downloading, or working with this digital project information. Optional complete paper bid documents are available at Southern Engineering Solutions, Inc.; P O Box 610; 201 East Troy Street; Andalusia, Alabama 36420, upon payment of a refundable (if plans are returned in reusable condition within 10 days of bid opening) deposit of \$80.00. Bid documents will be mailed only upon receipt of deposit. If paper option is chosen, checks shall be made payable to Southern Engineering Solutions, Inc. No paper bid documents will be distributed later than 48 hours prior to the scheduled opening of bids.

The Owner reserves the right to reject any or all bids and to waive any informalities.

Each bidder must submit with his bid, security in the amount, form, and subject to the conditions provided in the Information for Bidders. The successful bidder will be required to submit a 100% performance bond and a 50% payment bond.

All bidders must comply with the requirements of the Contractor's Licensing Law of the State of Alabama and be certified for the type of work for which a proposal is submitted. The submission of the Bidders' current State of Alabama license number will be required before his/her bid will be received or considered.

No bidder may withdraw his bid within 30 days after the actual date of the opening thereof.

Robert Green
Mayor
Town of Pine Hill

INFORMATION FOR BIDDERS

Bids will be received by the **Town of Pine Hill, Alabama** (herein called the Owner) at the Pine Hill Town Hall until **10:00 a.m., Tuesday, November 18, 2025**, and then at said location publicly opened and read aloud.

Delivery of Proposal. Each bid must be submitted in a sealed envelope, addressed to the **Town of Pine Hill; 3967 Broad Street; Pine Hill, Alabama.**

Each sealed envelope containing a bid must be plainly marked on the outside as "**Street Resurfacing**" and the envelope should bear on the outside the name of the Bidder, his address, his license number and the name of the project for which the bid is submitted. If forwarded by mail, the sealed envelope containing the bid must be enclosed in another envelope addressed to the **Town of Pine Hill; P O Drawer 397; 3967 Broad Street; Pine Hill, Alabama 36769.**

Preparation of Bid Form. All bids must be made on the required bid form. All blank spaces for bid prices must be filled in, in ink or typewritten, and the bid form must be fully completed and executed when submitted. Only one copy of the bid form is required.

Withdrawal of Bids. Any bid may be withdrawn prior to the above scheduled time for the opening of the bids or authorized postponement thereof, provided a request in writing executed by the Bidder or his duly authorized representative is filed with the Owner prior to that time. Upon receipt and confirmation of such notice, the unopened bid will be promptly returned. Except as provided in the foregoing, no bid may be withdrawn.

General. The Owner may waive any informalities or minor defects or reject any and all bids. Any bid received after the time and date specified shall not be considered. Except for the condition described below, no Bidder may withdraw a bid within 30 days after the actual date of the opening thereof. Should there be reasons why the contract cannot be awarded within the specified period, the time may be extended by mutual agreement between the Owner and the Bidder.

Mistakes. The low bidder may seek withdrawal of his bid without forfeiture by providing written notice to the Owner within three working days after the date of the bid opening by providing convincing evidence he made a mistake in his bid caused by calculation or clerical error, an inadvertent omission, or a typographical error which causing his bid to be substantially out of proportion to that of other bidders. The Owner will make a decision within 10 days of receipt of the bidder's notice, or by the next regular meeting of the awarding authority. In no event, shall a mistake of law, judgement, or opinion constitute valid grounds for withdrawal of a bid without forfeiture. Upon withdrawal of bid without forfeiture, the low bidder who withdraws his bid due to a mistake shall not be allowed to participate in any work on the contract in any capacity, and shall not be allowed to participate in a rebid of the project.

A conditional or qualified Bid will not be accepted.

Award will be made to the lowest responsible Bidder.

Interpretation of the Quantities in Bid Schedule. Bidders must satisfy themselves of the accuracy of the estimated quantities in the Bid Schedule by examination of the site of the proposed work and a review of the drawings and specifications, including Addenda. After bids have been submitted, the Bidder shall not assert that there was a misunderstanding concerning the quantities of work or of the nature of the work to be done. Although the estimate of quantities of work listed in the Bid Schedule are the results of calculations made from field survey, they are to be considered as only approximate estimates of the quantities of the different pay items and are to be used only as a basis for comparing bids for awarding the contract. Payment to the Contractor will be made only for the actual quantities of work performed in accordance with the plans and specifications. If, upon completion of construction, the actual quantities of work performed under unit price bids shall show either increase or decrease from the quantities shown in the Bid Schedule, the unit prices bid will prevail, except as otherwise provided for herein.

The right is reserved to increase or decrease any or all of the amounts given in the approximate quantities as shown in the Bid Schedule, with the understanding that the work to be done and the materials to be furnished under unit price bids may be increased or decreased not exceeding twenty-five percent (25%) of the total money value of the contract without in any way invalidating the bid prices.

Examination of Specifications, Special Provisions and Site of Work. All Bidders are required to examine carefully the site of the proposed work, the Bid Form, Plans, Standard Specifications, Supplemental Specifications, Special Provisions, Agreement Form and Bond Forms. The submission of a Bid Form shall be prima facie evidence that the Bidder has made such examination and has judged for and satisfied himself as to the conditions to be encountered; as to the character quality and quantities of work to be performed and materials to be furnished; as to the requirements of Plans, Specifications, Supplemental Specifications, Special Provisions, Agreement and Bonds; and as to the contingencies. No adjustments or compensation will be allowed for losses caused by failure to comply with the above requirements.

Familiarity with Laws and Ordinances. All applicable laws, ordinances, and the rules and regulations of all authorities having jurisdiction over construction of the Project shall apply to the contract throughout. Bidders shall familiarize themselves with all such applicable laws, ordinances and regulations, and comply with their requirements which may directly or indirectly affect the work or its prosecution, and any materials or equipment used in the work. No adjustments or compensation will be allowed for losses caused by failure to comply with the above requirements.

Details. The Bidder must specify for both dollars and cents (without interlineation, alterations or erasures, unless initialed by the signer of the proposal) a unit price for each of the separate items for which a quantity is given in the proposal form (except when alternate bids are called for on items) and shall show the products of the respective unit prices and the estimated quantities in the columns provided for that purpose except that any item noted for a "Lump Sum" bid shall have the same amount under the column provided in the proposal for "Unit Price" as that written numerically in the "Amount Bid" column. All figures shall be inked or typed. The Owner will check the extension of each item given in the proposal and correct all errors or discrepancies. The gross sum obtained by adding all of the products of the unit prices and the various estimated quantities listed in the proposal with the lump sum items shall prevail and this shall be the contract bid price.

Signing. The Bidder's proposal must be signed in ink by the individual, by one or more members of the partnership, or by one or more offices of a corporation, or by an agent of the Contractor legally qualified and acceptable to the Owner. If the proposal is made by an individual, his name and post office address must be shown; by a corporation, the name of the corporation and the business address of its corporate officials must be shown. The proposal Bid Bond shall be properly signed by the Bidder and the surety.

Irregular Proposal. Proposals will be considered irregular and may be rejected if they contain any omissions, alterations of form, additions not called for, alternate bids unless called for, incomplete bids, erasures or alterations not initialed by the person signing the proposal, or other irregularities of any kind.

Information. The Owner shall provide to Bidders prior to Bidding, all information which is pertinent to, and delineates and describes, the land owned and rights-of-way acquired or to be acquired.

Contract Documents. The Contract Documents contain the provisions required for the construction of the Project. Information obtained from an officer, agent, or employee of the Owner or any other person shall not affect the risks or obligations assumed by the Contractor or relieve him from fulfilling any of the conditions of the contract.

Bond Requirements. Each Bid must be accompanied by a Bid Bond payable to the Owner for five percent of the total amount of the Bid not to exceed \$10,000.00. As soon as the Bid prices have been compared, the Owner will return the Bonds of all except the three lowest responsible Bidders. When the Agreement is executed, the Bonds of the two remaining unsuccessful Bidders will be returned. The Bid Bond of the successful Bidder will be retained until the Payment Bond and Performance Bond have been executed and approved, after which it will be returned. A certified check may be used in lieu of a Bid Bond.

A Performance Bond in the amount of 100 percent of the Contract price, with a corporate surety approved by the Owner, will be required for the faithful performance of the contract.

A Payment Bond in the amount of 50 percent of the Contract price, with a corporate surety approved by the Owner, will be required to guarantee the payment by the Contractor of all costs of labor, materials, equipment, subcontractors, etc. necessary to complete the work in accordance with the Contract.

Attorneys-in-fact who sign Bid Bonds or Payment Bonds and Performance Bonds must file with each Bond a certified and effective dated copy of their power of attorney.

Execution of Agreement. The party to whom the contract is awarded will be required to execute the Agreement and obtain the Performance Bond and Payment Bond within fifteen (15) calendar days from the date when Notice of Award is delivered to the Bidder. The Notice of Award shall be accompanied by the necessary Agreement and Bond forms. In case of failure of the Bidder to execute the Agreement, the Owner may at his option consider the Bidder in default, in which case the Bid Bond accompanying the proposal shall become the property of the Owner to be processed in accordance with prevailing law.

The Owner within twenty (20) days of receipt of acceptable Performance Bond, Payment Bond and Agreement signed by the party to whom the Agreement was awarded shall sign the Agreement and return to such party an executed duplicate of the Agreement. Should the Owner not execute the Agreement within such period, the Bidder may by Written Notice withdraw his signed Agreement. Such notice of withdrawal shall be effective upon receipt of the notice by the Owner.

Notice to Proceed. The Notice to Proceed shall be issued within fifteen (15) days of the execution of the Agreement by the Owner. Should there be reasons why the Notice to Proceed cannot be issued within such period, the time may be extended by mutual agreement between the Owner and the Contractor. If the Notice to Proceed has not been issued within the fifteen (15) day period or within the period mutually agreed upon, the Contractor may terminate the Agreement without further liability on the part of either party.

Qualifications of Bidders. The Owner may make such investigations as he deems necessary to determine the ability of the Bidder to perform the work, and the Bidder shall furnish to the Owner all such information and data for this purpose as the Owner may request. The Owner reserves the right to reject any Bid if the evidence submitted by, or investigation of, such Bidder fails to satisfy the Owner that such Bidder is properly qualified to carry out the obligations of the Agreement and to complete the Work contemplated therein.

Responsibilities of Bidders. Each Bidder is responsible for inspecting the site and for reading and being thoroughly familiar with the Contract Documents. The failure or omission of any

Bidder to do any of the foregoing shall in no way relieve any Bidder from any obligation in respect to this Bid.

The low Bidder shall supply the names and addresses of major material Suppliers, and Subcontractors when requested to do so by the Owner.

Engineer. The Engineer is Southern Engineering Solutions, Inc., P. O. Box 610 (201 East Troy Street), Andalusia, Alabama 36420.

BID BOND

KNOW ALL MEN BY THESE PRESENTS, that we, the undersigned, _____
_____ as Principal, and
_____ as Surety, are hereby held and
firmly bound unto the **Town of Pine Hill** as OWNER in the penal sum of
_____ for the payment of which,
well and truly to be made, we hereby jointly and severally bind ourselves, successors and assigns.
Signed, this _____ day of _____, 20_____.

The Condition of the above obligation is such that whereas the Principal has submitted to
the **Town of Pine Hill** a certain BID, attached hereto and hereby made a part hereof to enter into a
contract in writing, for the

**Street Resurfacing
FY2025 Rebuild Alabama Act Annual Grant Program**

NOW THEREFORE,

- (a) If said BID shall be rejected, or
- (b) If said BID shall be accepted and the Principal shall execute and deliver a contract in
the Form of Contract attached hereto (properly completed in accordance with said
BID) 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
herewith, and shall in all other respects perform the agreement created by the
acceptance of said BID,

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 be in no way impaired or affected by any extension of the time within which the OWNER may accept such BID; and said Surety does hereby waive notice of any such extension.

IN WITNESS WHEREOF, the Principal and the 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.

_____(L.S.)
Principal

Surety

By: _____

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.

**Proposal for the Construction of
Street Resurfacing
FY2025 Rebuild Alabama Act Annual Grant Program**

Date: _____

Proposal of _____
(Legal Name of Bidder)

Of _____
(Mailing Address of Bidder)

License No _____, for the construction of **Street Resurfacing; FY2025 Rebuild Alabama Act Annual Grant Program**

To the **Town of Pine Hill**, hereinafter referred to as the Owner:

The following proposal is made in behalf of the undersigned Bidder and no others. Evidence of authority to submit the proposal is herewith furnished. The proposal is made without collusion on the part of any other person, firm or corporation.

The undersigned Bidder certifies that he has carefully examined the Plans for this project and Specifications attached, including the Special Provisions, and has personally examined the site of the work. On the basis of the Specifications and Plans, the undersigned Bidder proposes to furnish all necessary machinery, tools, apparatus, and other means of construction, and do all the work and furnish all the material in the manner specified.

The undersigned Bidder agrees to commence work under this contract on or before a date to be specified in a written Notice to Proceed issued by the Owner and to fully complete the project within **ninety (90)** calendar days thereafter.

The undersigned Bidder understands that the quantities below are approximate only and are subject to either increase or decrease and hereby proposes to perform any increase or decrease in quantities of work at the unit price bid.

The undersigned Bidder agrees to perform all "Force Account or Extra Work" that may be required of him on the basis provided in the specifications attached, and to give such work his personal attention in order to see that it is economically performed.

The undersigned Bidder also proposes to furnish a Performance Bond, in an amount equal to the total amount of his bid. This bond shall serve not only to guarantee the completion of the work on the part of the undersigned Bidder, but also to guarantee the excellence of both workmanship and materials until the work is finally accepted.

The undersigned Bidder encloses a Certified Check or Bid Bond in the amount of 5% of amount bid, not to exceed \$10,000.00 and hereby agrees that in case of his failure to execute a contract and

furnish the required bond within 5 days after Notice of Award, the amount of the check or Bid bond will be forfeited to the owner as liquidated damages arising out of his failure to execute a contract as proposed. It is understood that in case the work is not awarded to the undersigned Bidder, the check or Bid bond will be returned as provided in the Specifications hereto attached.

The undersigned Bidder agrees to pay to the Owner as liquidated damages the amount of **\$500.00** per calendar day for any overrun in contract time for which a time extension is not granted by the Owner, as provided in Section 5 of the Supplemental General Conditions.

The undersigned Bidder acknowledges receipt of the following Addenda:

No. _____, Dated _____. No. _____, Dated _____.

No. _____, Dated _____. No. _____, Dated _____.

The Bidder agrees that this bid shall be good and may not be withdrawn for a period of 30 calendar days after the scheduled closing time for receiving bids, except as approved by the Owner.

The Bidder understands that the Owner reserves the right to reject any or all bids and to waive any informalities in the bidding.

The following unit prices shall include all labor, materials, overhead, profit, insurance, etc., to cover the finished work of the several kinds called for.

The undersigned Bidder agrees to perform all the work described in the Contract Documents for the following unit prices:

**PROPOSAL
STREET RESURFACING
FY 2025 REBUILD ALABAMA ACT ANNUAL GRANT PROGRAM
TOWN OF PINE HILL, ALABAMA**

BASE BID				
<i>Item Description</i>	<i>Qty</i>	<i>Unit</i>	<i>Unit Price</i>	<i>Extension</i>
1. Mobilization	1	LS		
Superpave Bituminous Concrete Wearing Surface Layer, 1/2" Maximum				
2. Aggregate Size Mix, ESAL Range A/B (165 lb/sy)	2100	Ton		
Superpave Bituminous Upper Binder Layer, Patching, 3/8" Maximum				
3. Aggregate Size Mix, ESAL Range A/B (330 lb/sy)	75	Ton		
Superpave Bituminous Upper Binder Layer, Leveling, 1/2" Maximum				
4. Aggregate Size Mix, ESAL Range A/B	500	Ton		
Crushed Aggregate Base Course, Type B, Road Mixed, 6" Compacted				
5. Thickness	150	SY		
6. Tack Coat	2500	Gal		
7. Joint Sealant for Hot Mix Asphalt	2.36	Mile		
8. Clearing & Grubbing	1	LS		
9. Rip-Rap (Class 2)	75	Ton		
10. Unclassified Excavation	100	CY		
11. Aluminum Flat Sign Panels, Type XI Background	85	SF		
12. Aluminum Flat Sign Panels, Type XI Background; Fluorescent	16	SF		
13. Aluminum Flat Sign Panels, Type IV Background	11	SF		
14. U-Channel Roadway Sign Post	224	LF		
15. Solid Yellow Traffic Stripe, Class 2, Type A	1,500	LF		
16. Traffic Control Markings, Class 2, Type A	560	SF		
17. Valve Adjustment	1	EA		
18. Manhole Adjustment	5	EA		
19. Minor Structure Concrete	3	CY		
20. Clipping Shoulders for Grade and Drain	1	LS		
21. Traffic Control	1	LS		

TOTAL OF BASE BID

Signature of Bidder (if a firm or individual) _____

By _____

Address of Bidder _____

Names and addresses of members of firm _____

Signature of Bidder (if a corporation) _____

President Address

Secretary Address

Treasurer Address

Corporate Seal

Name of state under the law of
which the corporation is chartered:

Attest: _____
Secretary

AGREEMENT

THIS AGREEMENT, made this ____ day of _____, 20____, by and between the **Town of Pine Hill**, hereinafter called "OWNER" and _____ doing business as a corporation hereinafter called "CONTRACTOR".

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

1. The CONTRACTOR will commence and complete the construction of **Street Resurfacing; FY2025 Rebuild Alabama Act Annual Grant Program**

2. 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.

3. The CONTRACTOR will commence the work required by the CONTRACT DOCUMENTS within **10** calendar days after the date of the NOTICE TO PROCEED and will complete the same within **ninety (90)** calendar days unless the period for completion is extended otherwise by the CONTRACT DOCUMENTS.

4. The CONTRACTOR agrees to perform all of the WORK described in the CONTRACT DOCUMENTS and comply with the terms therein for the sum of _____, or as shown in the BID schedule.

5. The term "CONTRACT DOCUMENTS" means and includes the following:
- (A) ADVERTISEMENT FOR BIDS
 - (B) INFORMATION FOR BIDDERS
 - (C) BID
 - (D) BID BOND

- (E) AGREEMENT
- (F) GENERAL CONDITIONS
- (G) SUPPLEMENTAL GENERAL CONDITIONS
- (H) PAYMENT BOND
- (I) PERFORMANCE BOND
- (J) NOTICE OF AWARD
- (K) NOTICE TO PROCEED
- (L) CHANGE ORDER
- (M) DRAWINGS prepared by **Southern Engineering Solutions, Inc.** dated **October, 2025**
- (N) SPECIFICATIONS prepared or issued by **Southern Engineering Solutions, Inc.**, dated **October, 2025**
- (O) ADDENDA
 - No._____, dated _____, 20__
 - No._____, dated _____, 20__
 - No._____, dated _____, 20__
 - No._____, dated _____, 20__

6. The OWNER will pay to the CONTRACTOR in the manner and at such times as set forth in the General Conditions such amounts as required by the CONTRACT DOCUMENTS.

7. This AGREEMENT shall be binding upon all parties hereto and their respective heirs, executors, administrators, successors, and assigns.

IN WITNESS WHEREOF, the parties hereto have executed, or caused to be executed by their duly authorized officials, this Agreement in three (3) each of which shall be deemed an original on the date first above written.

OWNER:

_____ Town of Pine Hill _____

BY: _____

Name: _____
(Please Type)

Title: _____ Mayor _____

(SEAL)

ATTEST:

Name: _____
(Please Type)

Title: _____

CONTRACTOR:

BY: _____

Name: _____
(Please Type)

(SEAL)

Address: _____

ATTEST:

Name: _____
(Please Type)

PAYMENT BOND

KNOW ALL MEN BY THESE PRESENTS: that

(Name of Contractor)

a _____, herein called Principal, and

(Name of Surety)

(Address of Surety)

hereinafter called Surety, are held and firmly bound unto

**Town of Pine Hill
P O Drawer 397; Pine Hill, Alabama 36769**

hereinafter called OWNER, in the penal sum of _____ Dollars, \$(_____) in lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION is such that whereas, the Principal entered into a certain contract with the OWNER, dated the _____ day of _____, 20____, a copy of which is hereto attached and made a part hereof for the construction of:

**Street Resurfacing
FY2025 Rebuild Alabama Act Annual Grant Program**

NOW, THEREFORE, if the Principal shall promptly make payment to all persons, firms, SUBCONTRACTORS, and corporations furnishing materials for or performing labor in the prosecution of the WORK provided for in such contract, and any authorized extension or modification thereof, including all amounts due for materials, lubricants, oil, gasoline, coal and coke, repairs on machinery, equipment and tools, consumed or used in connection with the construction of such WORK, and all insurance premiums on said WORK, and for all labor, performed in such WORK whether by SUBCONTRACTOR or otherwise, then this obligation shall be void; otherwise to remain in full force and effect.

PROVIDED, FURTHER, that the said Surety for value received hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the contract or to the WORK to be performed thereunder or the SPECIFICATIONS accompanying the same shall in any wise affect its obligation on this BOND, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the contract or to the WORK or to the SPECIFICATIONS.

PROVIDED, FURTHER, that no final settlement between the OWNER and the CONTRACTOR shall abridge the right of any beneficiary hereunder, whose claim may be unsatisfied.

IN WITNESS WHEREOF, this instrument is executed in **three (3)** counterparts, each one of which shall be deemed an original, this the _____ day of _____, 20____.

ATTEST:

(Principal) Secretary

Principal

(SEAL)

By _____ (s)

Witness as to Principal

(Address)

(Address)

ATTEST:

(Surety) Secretary

Surety

(SEAL)

By _____

Witness as to Surety

Attorney-in-Fact

(Address)

(Address)

NOTE: Date of BOND must not be prior to date of Contract.
If CONTRACTOR is Partnership, all partners should execute BOND.

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.

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS: that

(Name of Contractor)

a _____, hereinafter called Principal, and
(Corporation, Partnership, or Individual)

(Name of Surety)

(Address of Surety)

hereinafter called Surety, are held and firmly bound unto

**Town of Pine Hill
P O Drawer 397; Pine Hill, Alabama 36769**

hereinafter called OWNER, in the penal sum of _____ Dollars, \$(____) in lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION is such that whereas, the Principal entered into a certain contract with the OWNER, dated the _____ day of _____, 20____, a copy of which is hereto attached and made a part hereof for the construction of:

**Street Resurfacing
FY2025 Rebuild Alabama Act Annual Grant Program**

NOW, THEREFORE, if the Principal shall well, truly and faithfully perform its duties, all the undertakings, covenants, terms, conditions, and agreements of said contract during the original term thereof, and any extensions thereof which may be granted by the OWNER, with or without notice to the Surety and during the one year guaranty period, and if he shall satisfy all claims and demands incurred under such contract, and shall fully indemnify and save harmless the OWNER from all costs and damages which it may suffer by reason of failure to do so, and shall reimburse and repay the OWNER all outlay and expense which the OWNER may incur in making good any default, then this obligation shall be void; otherwise to remain in full force and effect.

PROVIDED, FURTHER, that the said surety, for value received hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the contract or to WORK to be performed thereunder or the SPECIFICATIONS accompanying the same shall in any wise affect its obligation on this BOND, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the contract or to the WORK or to the SPECIFICATIONS.

PROVIDED, FURTHER, that no final settlement between the OWNER and the CONTRACTOR shall abridge the right of any beneficiary hereunder, whose claim may be unsatisfied.

IN WITNESS WHEREOF, this instrument is executed in **three (3)** counterparts, each on of which shall be deemed an original, this the _____ day of _____, 20____.

ATTEST:

(Principal) Secretary

Principal

(SEAL)

By _____ (s)

Witness as to Principal

(Address)

(Address)

ATTEST:

(Surety) Secretary

Surety

(SEAL)

By _____
Attorney-in-Fact

Witness as to Surety

(Address)

(Address)

NOTE: Date of BOND must not be prior to date of Contract.

If CONTRACTOR is Partnership, all partners should execute BOND.

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.

NOTICE OF AWARD

To:

PROJECT Description: **Street Resurfacing**
FY2025 Rebuild Alabama Act Annual Grant Program

The OWNER has considered the BID submitted by you for the above described WORK in response to its Advertisement for Bids dated _____, 20____, and Information for Bidders.

You are hereby notified that your BID has been accepted for items in the amount of \$_____.

You are required by the Information for Bidders to execute the Agreement and furnish the required CONTRACTOR'S Performance BOND, Payment BOND and certificates of insurance within five (5) calendar days from the date of this Notice to you.

If you fail to execute said Agreement and to furnish said BONDS within five (5) days from the date of this Notice, said OWNER will be entitled to consider all your rights arising out of the OWNER'S acceptance of your BID as abandoned and as a forfeiture of your BID BOND. The OWNER will be entitled to such other rights as may be granted by law.

You are required to return an acknowledged copy of this NOTICE OF AWARD to the OWNER.

Dated this ____day of _____, 20____.

Town of Pine Hill
Owner

By _____

Title _____ Mayor _____

ACCEPTANCE OF NOTICE

Receipt of the above NOTICE OF AWARD is hereby acknowledged

by _____,

this the ____day_____, 20____

By _____

Title _____

NOTICE TO PROCEED

To: _____ Date: _____

PROJECT Description: **Street Resurfacing**
FY2025 Rebuild Alabama Act Annual Grant Program

You are hereby notified to commence WORK in accordance with the Agreement dated _____, 20____, on or before _____, 20____, and you are to complete the WORK within **ninety (90)** consecutive calendar days thereafter.

The date of completion of all WORK is therefore _____, 20____.

Town of Pine Hill
Owner

By _____

Title _____ Mayor _____

ACCEPTANCE OF NOTICE

Receipt of the above NOTICE OF AWARD is hereby acknowledged

by _____,

this the _____ day _____, 20____

By _____

Title _____

CHANGE ORDER

Order No.

Date:

Agreement Date:

NAME OF PROJECT:

OWNER:

CONTRACTOR:

The following changes are hereby made to the CONTRACT DOCUMENTS:

Justification:

Change to CONTRACT PRICE:

Original CONTRACT PRICE: \$

Current CONTRACT PRICE adjusted by previous CHANGE ORDER \$

The CONTRACT PRICE including this CHANGE ORDER will be (increased) (decreased) by:
\$

The new CONTRACT PRICE including this CHANGE ORDER will be \$

Change to CONTRACT TIME:

The CONTRACT TIME will be (increased) (decreased) by _____ calendar days.

The date for completion of all work will be _____(Date).

Approvals Required:

To be effective this Order must be approved by the Federal agency if it changes the scope or objective of the PROJECT, or as may otherwise be required by the SUPPLEMENTAL GENERAL CONDITIONS.

Requested by:

Recommended by:

Ordered by:

Accepted by:

CERTIFICATION BY OWNER

I, the undersigned, _____, the duly authorized and acting
official representative of Town of Pine Hill do hereby certify as follows:

This contract is let in compliance with the provisions of Title 39, Code of Alabama (1975, as amended), and all other applicable provisions of law.

Signature _____

Title Mayor

Date _____

GENERAL CONDITIONS

1. Definitions
2. Additional Instructions and Detail Drawings
3. Schedules, Reports and Records
4. Drawings and Specifications
5. Shop Drawings
6. Materials, Services and Facilities
7. Inspection and Testing
8. Substitutions
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10. Surveys, Permits, Regulations
11. Protection of Work, Property, Persons
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14. Changes in the Contract Price
15. Time for Completion and Liquidated Damages
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29. Guaranty
30. Governing Law and Dispute Resolution
31. Taxes

1. DEFINITIONS

- 1.1 Wherever used in the CONTRACT DOCUMENTS, the following terms shall have the meanings indicated which shall be applicable to both the singular and plural thereof:
- 1.2 ADDENDA -- Written or graphic instruments issued prior to the execution of the Agreement which modify or interpret the CONTRACT DOCUMENTS, DRAWINGS and SPECIFICATIONS, by additions, deletions, clarifications or corrections.
- 1.3 BID -- The offer or proposal of the BIDDER submitted on the prescribed form setting forth the prices for the WORK to be performed.
- 1.4 BIDDER -- Any person, firm or corporation submitting a BID for the WORK.
- 1.5 BONDS -- Bid, Performance, and Payment Bonds and other instruments of security, furnished by the CONTRACTOR and his surety in accordance with the CONTRACT DOCUMENTS.
- 1.6 CHANGE ORDER -- A written order to the CONTRACTOR authorizing an addition, deletion or revision in the WORK within the general scope of the CONTRACT DOCUMENTS, or authorizing an adjustment in the CONTRACT PRICE or CONTRACT TIME.
- 1.7 CONTRACT DOCUMENTS -- The contract, including Advertisement For Bids, Information for Bidders, BID, Bid Bond, Agreement, Payment Bond, Performance Bond, NOTICE OF AWARD, NOTICE TO PROCEED, CHANGE ORDER, DRAWINGS, SPECIFICATIONS, and ADDENDA.
- 1.8 CONTRACT PRICE -- The total monies payable to the CONTRACTOR under the terms and conditions of the CONTRACT DOCUMENTS.
- 1.9 CONTRACT TIME -- The number of calendar days stated in the CONTRACT DOCUMENTS for the completion of the WORK.
- 1.10 CONTRACTOR -- The person, firm or corporation with whom the OWNER has executed the Agreement.
- 1.11 DRAWINGS -- The part of the CONTRACT DOCUMENTS which show the characteristics and scope of the WORK to be performed and which have been prepared or approved by the ENGINEER.

- 1.12 ENGINEER -- The person, firm or corporation named as such in the CONTRACT DOCUMENTS.
- 1.13 FIELD ORDER -- A written order effecting a change in the WORK not involving an adjustment in the CONTRACT PRICE or an extension of the CONTRACT TIME, issued by the ENGINEER to the CONTRACTOR during construction.
- 1.14 NOTICE OF AWARD -- The written notice of the acceptance of the BID from the OWNER to the successful BIDDER.
- 1.15 NOTICE TO PROCEED -- Written communication issued by the OWNER to the CONTRACTOR authorizing him to proceed with the WORK and establishing the date of commencement of the WORK.
- 1.16 OWNER -- A public or quasi-public body or authority, corporation, association, partnership, or individual for whom the WORK is to be performed.
- 1.17 PROJECT -- The undertaking to be performed as provided in the CONTRACT DOCUMENTS.
- 1.18 RESIDENT PROJECT REPRESENTATIVE -- The authorized representative of the OWNER who is assigned to the PROJECT site or any part thereof.
- 1.19 SHOP DRAWINGS -- All drawings, diagrams, illustrations, brochures, schedules and other data which are prepared by the CONTRACTOR, a SUBCONTRACTOR, manufacturer, SUPPLIER or distributor, which illustrate how specific portions of the WORK shall be fabricated or installed.
- 1.20 SPECIFICATIONS -- A part of the CONTRACT DOCUMENTS consisting of written descriptions of a technical nature of materials, equipment, construction systems, standards and workmanship.
- 1.21 SUBCONTRACTOR -- An individual, firm or corporation having a direct contract with the CONTRACTOR or with any other SUBCONTRACTOR for the performance of a part of the work at the site.
- 1.22 SUBSTANTIAL COMPLETION -- That date as certified by the ENGINEER when the construction of the PROJECT or a specified part thereof is sufficiently completed, in accordance with the CONTRACT DOCUMENTS, so that the PROJECT or specified part can be utilized for the purposes for which it is intended.
- 1.23 SUPPLEMENTAL GENERAL CONDITIONS -- Modifications to General Conditions required by a Federal agency for participation in the PROJECT and approved by the agency in writing prior to inclusion in the CONTRACT DOCUMENTS, or such requirements that may be imposed by applicable state laws.
- 1.24 SUPPLIER -- Any person or organization who supplies materials or equipment for the WORK, including that fabricated to a special design, but who does not perform labor at the site.
- 1.25 WORK -- All labor necessary to produce the construction required by the CONTRACT DOCUMENTS, and all materials and equipment incorporated or to be incorporated in the PROJECT.
- 1.26 WRITTEN NOTICE--Any notice to any party of the Agreement relative to any part of this Agreement in writing and considered delivered and the service thereof completed, when posted by certified or registered mail to the said party at his last given address, or delivered in person to said party or his authorized representative on the WORK.

2. ADDITIONAL INSTRUCTIONS AND DETAIL DRAWINGS

- 2.1 The CONTRACTOR may be furnished additional instructions and detail drawings, by the ENGINEER, as necessary to carry out the WORK required by the CONTRACT DOCUMENTS.
- 2.2 The additional drawings and instruction thus supplied will become a part of the CONTRACT DOCUMENTS. The CONTRACTOR shall carry out the WORK in accordance with the additional detail drawings and instructions.

3. SCHEDULES, REPORTS AND RECORDS

- 3.1 The CONTRACTOR shall submit to the OWNER such schedule of quantities and costs, progress schedules, payrolls, reports, estimates, records and other data where applicable as are required by the CONTRACT DOCUMENTS for the WORK to be performed.
- 3.2 Prior to the first partial payment estimate the CONTRACTOR shall submit construction progress schedules showing the order in which he proposes to carry on the WORK, including dates at which he will start the various parts of the WORK, estimated date of completion of each part and, as applicable:
 - 3.2.1 The dates at which special detail drawings will be required; and
 - 3.2.2 Respective dates for submission of SHOP DRAWINGS, the beginning of manufacture, the testing and the installation of materials, supplies and equipment.
- 3.3 The CONTRACTOR shall also submit a schedule of payments that he anticipates he will earn during the course of the WORK.

4. DRAWINGS AND SPECIFICATIONS

- 4.1 The intent of the DRAWINGS and SPECIFICATIONS is that the CONTRACTOR shall furnish all labor, materials, tools, equipment, and transportation necessary for the proper execution of the WORK in accordance with the CONTRACT DOCUMENTS and all incidental work necessary to complete the PROJECT in an acceptable manner, ready for use, occupancy or operation by the OWNER.
- 4.2 In case of conflict between the DRAWINGS and SPECIFICATIONS, the SPECIFICATIONS shall govern. Figure dimensions on DRAWINGS shall govern over scale dimensions, and detailed DRAWINGS shall govern over general DRAWINGS.
- 4.3 Any discrepancies found between the DRAWINGS and SPECIFICATIONS and site conditions or any inconsistencies or ambiguities in the DRAWINGS or SPECIFICATIONS shall be immediately reported to the ENGINEER, in writing, who shall promptly correct such inconsistencies or ambiguities in writing. WORK done by the CONTRACTOR after his discovery of such discrepancies, inconsistencies or ambiguities shall be done at the CONTRACTOR'S risk.

5. SHOP DRAWINGS

- 5.1 The CONTRACTOR shall provide SHOP DRAWINGS as may be necessary for the prosecution of the WORK as required by the CONTRACT DOCUMENTS. The ENGINEER shall promptly review all SHOP DRAWINGS. The ENGINEER'S approval of any SHOP DRAWING shall not release the CONTRACTOR from responsibility for deviations from the CONTRACT DOCUMENTS. The approval of any SHOP DRAWING which substantially deviates from the requirement of the CONTRACT DOCUMENTS shall be evidenced by a CHANGE ORDER.
- 5.2 When submitted for the ENGINEER'S review, SHOP DRAWINGS shall bear the CONTRACTOR'S certification that he has reviewed, checked and approved the SHOP DRAWINGS and that they are in conformance with the requirements of the CONTRACT DOCUMENTS.
- 5.3 Portions of the WORK requiring a SHOP DRAWING or sample submission shall not begin until the SHOP DRAWING or submission has been approved by the ENGINEER. A copy of each approved SHOP DRAWING and each approved sample shall be kept in good order by the CONTRACTOR at the site and shall be available to the ENGINEER.

6. MATERIALS, SERVICES AND FACILITIES

- 6.1 It is understood that, except as otherwise specifically stated in the CONTRACT DOCUMENTS, the CONTRACTOR shall provide and pay for all materials, labor, tools, equipment, water, light, power, transportation, supervision, temporary construction of any nature, and all other services and facilities of any nature whatsoever necessary to execute, complete, and deliver the WORK within the specified time.
- 6.2 Materials and equipment shall be so stored as to insure the preservation of their quality and fitness for the WORK. Stored materials and equipment to be incorporated in the WORK shall be located so as to facilitate prompt inspection.
- 6.3 Manufactured articles, materials and equipment shall be applied, installed, connected, erected, used, cleaned and conditioned as directed by the manufacturer.
- 6.4 Materials, supplies and equipment shall be in accordance with samples submitted by the CONTRACTOR and approved by the ENGINEER.
- 6.5 Materials, supplies or equipment to be incorporated into the WORK shall not be purchased by the CONTRACTOR or the SUBCONTRACTOR subject to a chattel mortgage or under a conditional sale contract or other agreement by which an interest is retained by the seller.

7. INSPECTION AND TESTING

- 7.1 All materials and equipment used in the construction of the PROJECT shall be subject to adequate inspection and testing in accordance with generally accepted standards, as required and defined in the CONTRACT DOCUMENTS.
- 7.2 The OWNER shall provide all inspection and testing services not required by the CONTRACT DOCUMENTS.
- 7.3 The CONTRACTOR shall provide at his expense the testing and inspection services required by the CONTRACT DOCUMENTS.
- 7.4 If the CONTRACT DOCUMENTS, laws, ordinances, rules, regulations or orders of any public authority having jurisdiction require any WORK to specifically be inspected, tested, or approved by someone other than the CONTRACTOR, the CONTRACTOR will give the ENGINEER timely notice of readiness. The CONTRACTOR will then furnish the ENGINEER the required certificates of inspection, testing or approval.
- 7.5 Inspections, tests or approvals by the engineer or others shall not relieve the CONTRACTOR from his obligations to perform the WORK in accordance with the requirements of the CONTRACT DOCUMENTS.
- 7.6 The ENGINEER and his representatives will at all times have access to the WORK. In addition, authorized representatives and agents of any participating Federal or state agency shall be permitted to inspect all work, materials, payrolls, records of personnel, invoices of materials, and other relevant data and records. The CONTRACTOR will provide proper facilities for such access and observation of the WORK and also for any inspection, or testing thereof.
- 7.7 If any WORK is covered contrary to the written instructions of the ENGINEER it must, if requested by the ENGINEER, be uncovered for his observation and replaced at the CONTRACTOR'S expense.
- 7.8 If the ENGINEER considers it necessary or advisable that covered WORK be inspected or tested by others, the CONTRACTOR, at the ENGINEER'S request, will uncover, expose or otherwise make available for observation, inspection or testing as the ENGINEER may require, that portion of the WORK in question, furnishing all necessary labor, materials, tools, and equipment. If it is found that such WORK is defective, the CONTRACTOR will bear all the expenses of such uncovering, exposure, observation, inspection and testing and of satisfactory reconstruction. If, however, such WORK is not found to be defective, the CONTRACTOR will be allowed an increase in the CONTRACT PRICE or an extension of the CONTRACT TIME, or both, directly attributable to such

uncovering, exposure, observation, inspection, testing and reconstruction and an appropriate CHANGE ORDER shall be issued.

8. SUBSTITUTIONS

- 8.1 Whenever a material, article or piece of equipment is identified on the DRAWINGS or SPECIFICATIONS by reference to brand name or catalogue number, it shall be understood that this is referenced for the purpose of defining the performance or other salient requirements and that other products of equal capacities, quality and function shall be considered. The CONTRACTOR may recommend the substitution of a material, article, or piece of equipment of equal substance and function for those referred to in the CONTRACT DOCUMENTS by reference to brand name or catalogue number, and if, in the opinion of the ENGINEER, such material, article, or piece of equipment is of equal substance and function to that specified, the ENGINEER may approve its substitution and use by the CONTRACTOR. Any cost differential shall be deductible from the CONTRACT PRICE and the CONTRACT DOCUMENTS shall be appropriately modified by CHANGE ORDER. The CONTRACTOR warrants that if substitutes are approved, no major changes in the function or general design of the PROJECT will result. Incidental changes or extra component parts required to accommodate the substitute will be made by the CONTRACTOR without a change in the CONTRACT PRICE or CONTRACT TIME.

9. PATENTS

- 9.1 The CONTRACTOR shall pay all applicable royalties and license fees. He shall defend all suits or claims for infringement of any patent rights and save the OWNER harmless from loss on account thereof, except that the OWNER shall be responsible for any such loss when a particular process, design, or the product of a particular manufacturer or manufacturers is specified, however if the CONTRACTOR has reason to believe that the design, process or product specified is an infringement of a patent, he shall be responsible for such loss unless he promptly gives such information to the ENGINEER.

10. SURVEYS, PERMITS, REGULATIONS

- 10.1 The OWNER shall furnish all boundary surveys and establish all base lines for locating the principal component parts of the WORK together with a suitable number of bench marks adjacent to the WORK as shown in the CONTRACT DOCUMENTS. From the information provided by the OWNER, unless otherwise specified in the CONTRACT DOCUMENTS, the CONTRACTOR shall develop and make all detail surveys needed for construction such as slope stakes, batter boards, stakes for pile locations and other working points, lines, elevations and cut sheets.
- 10.2 The CONTRACTOR shall carefully preserve bench marks, reference points and stakes and, in case of willful or careless destruction, he shall be charged with the resulting expense and shall be responsible for any mistakes that may be caused by their unnecessary loss or disturbance.
- 10.3 Permits and licenses of a temporary nature necessary for the prosecution of the WORK shall be secured and paid for by the CONTRACTOR unless otherwise stated in the SUPPLEMENTAL GENERAL CONDITIONS. Permits, licenses and easements for permanent structures or permanent changes in existing facilities shall be secured and paid for by the OWNER, unless otherwise specified. The CONTRACTOR shall give all notices and comply with all laws, ordinances, rules and regulations bearing on the conduct of the WORK as drawn and specified. If the CONTRACTOR observes that the CONTRACT DOCUMENTS are at variance therewith, he shall promptly notify the ENGINEER in writing, and any necessary changes shall be adjusted as provided in Section 13, CHANGES IN THE WORK.

11. PROTECTION OF WORK, PROPERTY AND PERSONS

- 11.1 The CONTRACTOR will be responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the WORK. He will take all necessary precautions for the safety of, and will

provide the necessary protection to prevent damage, injury or loss to all employees on the WORK and other persons who may be affected thereby, all the WORK and all materials or equipment to be incorporated therein, whether in storage on or off the site, and other property at the site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures and utilities not designated for removal, relocation or replacement in the course of construction.

- 11.2 The CONTRACTOR will comply with all applicable laws, ordinances, rules, regulations and orders of any public body having jurisdiction. He will erect and maintain, as required by the conditions and progress of the WORK, all necessary safeguards for safety and protection. He will notify owners of adjacent utilities when prosecution of the WORK may affect them. The CONTRACTOR will remedy all damage, injury or loss to any property caused, directly or indirectly, in whole or in part, by the CONTRACTOR, any SUBCONTRACTOR or anyone directly or indirectly employed by any of them or anyone for whose acts any of them be liable, except damage or loss attributable to the fault of the CONTRACT DOCUMENTS or to the acts or omissions of the OWNER or the ENGINEER or anyone employed by either of them or anyone for whose acts either of them may be liable, and not attributable, directly or indirectly, in whole or in part, to the fault or negligence of the CONTRACTOR.
- 11.3 In emergencies affecting the safety of persons or the WORK or property at the site or adjacent thereto, the CONTRACTOR, without special instruction or authorization from the ENGINEER or OWNER, shall act to prevent threatened damage, injury or loss. He will give the ENGINEER prompt WRITTEN NOTICE of any significant changes in the WORK or deviations from the CONTRACT DOCUMENTS caused thereby, and a CHANGE ORDER shall thereupon be issued covering the changes and deviations involved.

12. SUPERVISION BY CONTRACTOR

- 12.1 The CONTRACTOR will supervise and direct the WORK. He will be solely responsible for the means, methods, techniques, sequences and procedures of construction. The CONTRACTOR will employ and maintain on the WORK a qualified supervisor or superintendent who shall have been designated in writing by the CONTRACTOR as the CONTRACTOR'S representative at the site. The supervisor shall have full authority to act on behalf of the CONTRACTOR and all communications given to the supervisor shall be as binding as if given to the CONTRACTOR. The supervisor shall be present on the site at all times as required to perform adequate supervision and coordination of the WORK.

13. CHANGES IN THE WORK

- 13.1 The OWNER may at any time, as the need arises, order changes within the scope of the WORK without invalidating the Agreement. If such changes increase or decrease the amount due under the CONTRACT DOCUMENTS, or in the time required for performance of the WORK, an equitable adjustment shall be authorized by CHANGE ORDER.
- 13.2 The ENGINEER, also, may at any time, by issuing a FIELD ORDER, make changes in the details of the WORK. The CONTRACTOR shall proceed with the performance of any changes in the WORK so ordered by the ENGINEER unless the CONTRACTOR believes that such FIELD ORDER entitles him to a change in CONTRACT PRICE or TIME, or both, in which event he shall give the ENGINEER WRITTEN NOTICE thereof within seven (7) days after the receipt of the ordered change. Thereafter the CONTRACTOR shall document the basis for the change in CONTRACT PRICE or TIME within thirty (30) days. The CONTRACTOR shall not execute such changes pending the receipt of an executed CHANGE ORDER or further instruction from the OWNER.

14. CHANGES IN CONTRACT PRICE

- 14.1 The CONTRACT PRICE may be changed only by a CHANGE ORDER. The value of any WORK covered by a CHANGE ORDER or of any claim for increase or decrease in the CONTRACT PRICE shall be determined by one or more of the following methods in the order of precedence listed below:

- (a) Unit prices previously approved.
- (b) An agreed lump sum.
- (c) The actual cost for labor, direct overhead, materials, supplies, equipment, and other services necessary to complete the work. In addition there shall be added an amount to be agreed upon but not to exceed fifteen (15) percent of the actual cost of the WORK to cover the cost of general overhead and profit.

15. TIME FOR COMPLETION AND LIQUIDATED DAMAGES

- 15.1 The date of beginning and the time for completion of the WORK are essential conditions of the CONTRACT DOCUMENTS and the WORK embraced shall be commenced on a date specified in the NOTICE TO PROCEED.
- 15.2 The CONTRACTOR will proceed with the WORK at such rate of progress to insure full completion within the CONTRACT TIME. It is expressly understood and agreed, by and between the CONTRACTOR and the OWNER, that the CONTRACT TIME for the completion of the WORK described herein is a reasonable time, taking into consideration the average climatic and economic conditions and other factors prevailing in the locality of the WORK.
- 15.3 If the CONTRACTOR shall fail to complete the WORK within the CONTRACT TIME, or extension of time granted by the OWNER, then the CONTRACTOR will pay to the OWNER the amount for liquidated damages as specified in the BID for each calendar day that the CONTRACTOR shall be in default after the time stipulated in the CONTRACT DOCUMENTS.
- 15.4 The CONTRACTOR shall not be charged with liquidated damages or any excess cost when the delay in completion of the WORK is due to the following, and the CONTRACTOR has promptly given WRITTEN NOTICE of such delay to the OWNER or ENGINEER.
 - 15.4.1 To any preference, priority or allocation order duly issued by the OWNER.
 - 15.4.2 To unforeseeable causes beyond the control and without the fault or negligence of the CONTRACTOR, including but not restricted to, acts of God, or of the public enemy, acts of the OWNER, acts of another CONTRACTOR in the performance of a contract with the OWNER, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes, and abnormal and unforeseeable weather: and
 - 15.4.3 To any delays of SUBCONTRACTORS occasioned by any of the causes specified in paragraphs 15.4.1 and 15.4.2 of this article.

16. CORRECTION OF WORK

- 16.1 The CONTRACTOR shall promptly remove from the premises all WORK rejected by the ENGINEER for failure to comply with the CONTRACT DOCUMENTS, whether incorporated in the construction or not, and the CONTRACTOR shall promptly replace and re-execute the WORK in accordance with the CONTRACT DOCUMENTS and without expense to the OWNER and shall bear the expense of making good all WORK of other CONTRACTORS destroyed or damaged by such removal or replacement.
- 16.2 All removal and replacement WORK shall be done at the CONTRACTOR'S expense. If the CONTRACTOR does not take action to remove such rejected WORK within ten (10) days after receipt of WRITTEN NOTICE, the OWNER may remove such WORK and store the materials at the expense of the CONTRACTOR.

17. SUBSURFACE CONDITIONS

- 17.1 The CONTRACTOR shall promptly, and before such conditions are disturbed, except in the event of an emergency, notify the OWNER by WRITTEN NOTICE of:

- 17.1.1 Subsurface or latent physical conditions at the site differing materially from those indicated in the CONTRACT DOCUMENTS: or
- 17.1.2 Unknown physical conditions at the site, of an unusual nature, differing materially from those ordinarily encountered and generally recognized as inherent in WORK of the character provided for in the CONTRACT DOCUMENTS.
- 17.2 The OWNER shall promptly investigate the conditions, and if he finds that such conditions do so materially differ and cause an increase or decrease in the cost of, or in the time required for, performance of the WORK, an equitable adjustment shall be made and the CONTRACT DOCUMENTS shall be modified by a CHANGE ORDER. Any claim of the CONTRACTOR for adjustment hereunder shall not be allowed unless he has given the required WRITTEN NOTICE; provided that the OWNER may, if he determines the facts so justify, consider and adjust any such claims asserted before the date of final payment.
- 18. SUSPENSION OF WORK, TERMINATION AND DELAY**
- 18.1 The OWNER may suspend the WORK or any portion thereof for a period of not more than ninety days or such further time as agreed upon by the CONTRACTOR by WRITTEN NOTICE to the CONTRACTOR and the ENGINEER which notice shall fix the date on which WORK shall be resumed. The CONTRACTOR will resume that WORK on the date so fixed. The CONTRACTOR will be allowed an increase in the CONTRACT PRICE or an extension of the CONTRACT TIME, or both, directly attributable to any suspension.
- 18.2 If the CONTRACTOR is adjudged as bankrupt or insolvent, or if he makes a general assignment for the benefit of his creditors, or if a trustee or receiver is appointed for the CONTRACTOR or for any of his property, or if he files a petition to take advantage of any debtor's act, or to reorganize under the bankruptcy or applicable laws, or if he repeatedly fails to supply sufficient skilled workmen or suitable materials or equipment, or if he repeatedly fails to make prompt payments to SUBCONTRACTORS or for labor, materials or equipment or if he disregards laws, ordinances, rules, regulations or orders of any public body having jurisdiction of the WORK or if he disregards the authority of the ENGINEER, or if he otherwise violates any provision of the CONTRACT DOCUMENTS, then the OWNER may, without prejudice to any other right or remedy and after giving the CONTRACTOR and his surety a minimum of ten (10) days from delivery of a WRITTEN NOTICE, terminate the services of the CONTRACTOR and take possession of the PROJECT and of all materials, equipment, tools, construction equipment and machinery, thereon owned by the CONTRACTOR, and finish the WORK by whatever method he may deem expedient. In such case the CONTRACTOR shall not be entitled to receive any further payment until the WORK is finished. If the unpaid balance of the CONTRACT PRICE exceeds the direct and indirect costs of completing the PROJECT, including compensation for additional professional services, such excess SHALL BE PAID TO THE CONTRACTOR. If such costs exceed such unpaid balance, the CONTRACTOR will pay the difference to the OWNER. Such costs incurred by the OWNER will be determined by the ENGINEER and incorporated in a CHANGE ORDER.
- 18.3 Where the CONTRACTOR'S services have been so terminated by the OWNER, said termination shall not affect any right of the OWNER against the CONTRACTOR then existing or which may thereafter accrue. Any retention or payment of monies by the OWNER due the CONTRACTOR will not release the CONTRACTOR from compliance with the CONTRACT DOCUMENTS.
- 18.4 After ten (10) days from delivery of a WRITTEN NOTICE to the CONTRACTOR and the ENGINEER, the OWNER may, without cause and without prejudice to any other right or remedy, elect to abandon the PROJECT and terminate the Contract. In such case, the CONTRACTOR shall be paid for all WORK executed and any expense sustained plus reasonable profit.
- 18.5 If, through no act or fault of the CONTRACTOR, the WORK is suspended for a period of more than ninety (90) days by the OWNER or under an order of court or other public authority, or the ENGINEER fails to act on any request for payment within thirty (30) days after it is submitted or the OWNER fails to pay the CONTRACTOR substantially the sum approved by the ENGINEER or awarded by arbitrators within thirty (30) days of its approval and presentation, then the CONTRACTOR may, after ten (10) days from delivery of a WRITTEN NOTICE to the OWNER and the ENGINEER, terminate the CONTRACT and recover from the OWNER payment

for all WORK executed and all expenses sustained. In addition and in lieu of terminating the CONTRACT, if the ENGINEER has failed to act on a request for payment or if the OWNER has failed to make any payment as aforesaid, the CONTRACTOR may upon ten (10) days written notice to the OWNER and the ENGINEER stop the WORK until he has been paid all amounts then due, in which event and upon resumption of the WORK, CHANGE ORDERS shall be issued for adjusting the CONTRACT PRICE or extending the CONTRACT TIME or both to compensate for the costs and delays attributable to the stoppage of the WORK.

- 18.6 If the performance of all or any portion of the WORK is suspended, delayed, or interrupted as a result of a failure of the OWNER or ENGINEER to act within the time specified in the CONTRACT DOCUMENTS, or if no time is specified, within a reasonable time, an adjustment in the CONTRACT PRICE or an extension of the CONTRACT TIME, or both, shall be made by CHANGE ORDER to compensate the CONTRACTOR for the costs and delays necessarily caused by the failure of the OWNER or ENGINEER.

19. PAYMENTS TO CONTRACTOR

- 19.1 At least ten (10) days before each progress payment falls due (but not more often than once a month), the CONTRACTOR will submit to the ENGINEER a partial payment estimate filled out and signed by the CONTRACTOR covering the WORK performed during the period covered by the partial payment estimate and supported by such data as the ENGINEER may reasonably require. If payment is requested on the basis of materials and equipment not incorporated in the WORK but delivered and suitably stored at or near the site, the partial payment estimate shall also be accompanied by such supporting data, satisfactory to the OWNER, as will establish the OWNER's title to the material and equipment and protect his interest therein, including applicable insurance. The ENGINEER will, within ten (10) days after receipt of each partial payment estimate, either indicate in writing his approval of payment and present the partial payment estimate to the OWNER, or return the partial payment estimate to the CONTRACTOR indicating in writing his reasons for refusing to approve payment. In the latter case, the CONTRACTOR may make the necessary corrections and resubmit the partial payment estimate. The OWNER will, within ten (10) days of presentation to him of an approved partial payment estimate, pay the CONTRACTOR a progress payment on the basis of the approved partial payment estimate. The OWNER shall retain ten (10) percent of the amount of each payment until final completion and acceptance of all work covered by the CONTRACT DOCUMENTS. The OWNER at any time, however, after fifty (50) percent of the WORK has been completed, if he finds that satisfactory progress is being made, shall reduce retainage to five (5%) percent on the current and remaining estimates. When the WORK is substantially complete (operational or beneficial occupancy), the retained amount may be further reduced below five (5) percent to only that amount necessary to assure completion. On completion and acceptance of a part of the WORK on which the price is stated separately in the CONTRACT DOCUMENTS, payment may be made in full, including retained percentages, less authorized deductions.
- 19.2 The request for payment may also include an allowance for the cost of such major materials and equipment which are suitably, stored either at or near the site.
- 19.3 Prior to SUBSTANTIAL COMPLETION, the OWNER, with the approval of the ENGINEER and with the concurrence of the CONTRACTOR, may use any completed or substantially completed portions of the WORK. Such use shall not constitute an acceptance of such portions of the WORK.
- 19.4 The OWNER shall have the right to enter the premises for the purpose of doing work not covered by the CONTRACT DOCUMENTS. This provision shall not be construed as relieving the CONTRACTOR of the sole responsibility for the care and protection of the WORK, or the restoration of any damaged WORK except such as may be caused by agents or employees of the OWNER.
- 19.5 Upon completion and acceptance of the WORK, the ENGINEER shall issue a certificate attached to the final payment request that the WORK has been accepted by him under the conditions of the CONTRACT DOCUMENTS. The entire balance found to be due the CONTRACTOR, including the retained percentages, but except such sums as may be lawfully retained by the OWNER, shall be paid to the CONTRACTOR within thirty (30) days of completion and acceptance of the WORK.

19.6 The CONTRACTOR will indemnify and save the OWNER or the OWNER'S agents harmless from all claims growing out of the lawful demands of SUBCONTRACTORS, laborers, workmen, mechanics, materialmen, and furnishers of machinery and parts thereof, equipment, tools, and all supplies, incurred in the furtherance of the performance of the WORK. The CONTRACTOR shall, at the OWNER'S request, furnish satisfactory evidence that all obligations of the nature designated above have been paid, discharged, or waived. If the CONTRACTOR fails to do so the OWNER may, after having notified the CONTRACTOR, either pay unpaid bills or withhold from the CONTRACTOR'S unpaid compensation a sum of money deemed reasonably sufficient to pay any and all such lawful claims until satisfactory evidence is furnished that all liabilities have been fully discharged whereupon payment to the CONTRACTOR shall be resumed, in accordance, with the terms of the CONTRACT DOCUMENTS, but in no event shall the provisions of this sentence be construed to impose any obligations upon the OWNER to either the CONTRACTOR, his Surety, or any third party. In paying any unpaid bills of the CONTRACTOR, any payment so made by the OWNER shall be considered as a payment made under the CONTRACT DOCUMENTS by the OWNER to the CONTRACTOR and the OWNER shall not be liable to the CONTRACTOR for any such payments made in good faith.

19.7 If the OWNER fails to make payment thirty (30) days after approval by the ENGINEER, in addition to other remedies available to the CONTRACTOR, there shall be added to each such payment interest at the maximum legal rate commencing on the first day after said payment is due and continuing until the payment is received by the CONTRACTOR.

20. ACCEPTANCE OF FINAL PAYMENT AS RELEASE

20.1 The acceptance by the CONTRACTOR of final payment shall be and shall operate as a release to the OWNER of all claims and all liability to the CONTRACTOR other than claims in stated amounts as may be specifically excepted by the CONTRACTOR for all things done or furnished in connection with this WORK and for every act and neglect of the OWNER and others relating to or arising out of this WORK. Any payment, however, final or otherwise, shall not release the CONTRACTOR or his sureties from any obligations under the CONTRACT DOCUMENTS or the Performance BOND and Payment BONDS.

21. INSURANCE

21.1 The CONTRACTOR shall purchase and maintain such insurance as will protect him from claims set forth below which may arise out of or result from the CONTRACTOR'S execution of the WORK, whether such execution be by himself or by any SUBCONTRACTOR or by anyone directly or indirectly employed by any of them, or by anyone for whose acts any of them may be liable:

21.1.1 Claims under workmen's compensation disability benefit and other similar employee benefit acts;

21.1.2 Claims for damages because of bodily, injury, occupational sickness or disease, or death of his employees;

21.1.3 Claims for damages because of bodily injury, sickness or disease, or death of any person other than his employees;

21.1.4 Claims for damages insured by usual personal injury liability coverage which are sustained (1) by any person as a result of an offense directly or indirectly related to the employment of such person by the CONTRACTOR, or (2) by any other person; and

21.1.5 Claims for damages because of injury to or destruction of tangible property, including loss of use resulting therefrom.

21.2 Certificates of Insurance acceptable to the OWNER shall be filed with the OWNER prior to commencement of the WORK. These Certificates shall contain a provision that coverages afforded under the policies will not be canceled unless at least fifteen (15) days prior WRITTEN NOTICE has been given to the OWNER.

- 21.3 The CONTRACTOR shall procure and maintain, at his own expense, during the CONTRACT TIME, liability insurance as hereinafter specified;
- 21.3.1 CONTRACTOR'S General Public Liability and Property Damage Insurance including vehicle coverage issued to the CONTRACTOR and protecting him from all claims for personal injury, including death, and all claims for destruction of or damage to property, arising out of or in connection with any operations under the CONTRACT DOCUMENTS, whether such operations be by himself or by any SUBCONTRACTOR under him, or anyone directly or indirectly employed by the CONTRACTOR or by a SUBCONTRACTOR under him. Insurance shall be written with a limit of liability of not less than, \$500,000 for all damages arising out of bodily injury, including death, at any time resulting therefrom, sustained by any one person in any one accident; and a limit of liability of not less than \$500,000 aggregate for any such damages sustained by two or more persons in any one accident. Insurance shall be written with a limit of liability of not less than \$200,000 for all property damage sustained by any one person in any one accident; and a limit of liability of not less than \$200,000 aggregate for any such damage sustained by two or more persons in any one accident.
- 21.3.2 The CONTRACTOR shall acquire and maintain, if applicable, Fire and Extended Coverage insurance upon the PROJECT to the full insurable value thereof for the benefit of the OWNER, the CONTRACTOR, and SUBCONTRACTORS as their interest may appear. This provision shall in no way release the CONTRACTOR or CONTRACTOR'S surety from obligations under the CONTRACT DOCUMENTS to fully complete the PROJECT.
- 21.4 The CONTRACTOR shall procure and maintain, at his own expense, during the CONTRACT TIME, in accordance with the provisions of the laws of the state in which the work is performed, Workmen's Compensation Insurance, including occupational disease provisions, for all of his employees at the site of the PROJECT and in case any work is sublet, the CONTRACTOR shall require such SUBCONTRACTOR similarly to provide Workmen's Compensation Insurance, including occupational disease provisions for all of the latter's employees unless such employees are covered by the protection afforded by the CONTRACTOR. In case any class of employees engaged in hazardous work under this contract at the site of the PROJECT is not protected under Workmen's Compensation statute, the CONTRACTOR shall provide, and shall cause each SUBCONTRACTOR to provide, adequate and suitable insurance for the protection of his employees not otherwise protected.
- 21.5 The CONTRACTOR shall secure, if applicable, "All Risk" type Builder's Risk Insurance for WORK to be performed. Unless specifically authorized by the OWNER, the amount of such insurance shall not be less than the CONTRACT PRICE totaled in the BID. The policy shall cover not less than the losses due to fire, explosion, hail, lightning, vandalism, malicious mischief, wind, collapse, riot, aircraft, and smoke during the CONTRACT TIME, and until the WORK is accepted by the OWNER. The policy shall name as the insured the CONTRACTOR, the ENGINEER, and the OWNER.

22. CONTRACT SECURITY

- 22.1 The CONTRACTOR shall within ten (10) days after the receipt of the NOTICE OF AWARD furnish the OWNER with a Performance Bond and a Payment Bond in penal sums equal to the amount of the CONTRACT PRICE, conditioned upon the performance by the CONTRACTOR of all undertakings, covenants, terms, conditions and agreements of the CONTRACT DOCUMENTS. and upon the prompt payment by the CONTRACTOR to all persons supplying labor and materials in the prosecution of the WORK provided by the CONTRACT DOCUMENTS. Such BONDS shall be executed by the CONTRACTOR and a corporate bonding company licensed to transact such business in the state in which the WORK is to be performed and named on the current list of "Surety Companies Acceptable on Federal Bonds" as published in the Treasury Department Circular Number 570. The expense of these BONDS shall be borne by the CONTRACTOR. If at any time a surety on any such BOND is declared a bankrupt or loses its right to do business in the state in which the WORK is to be performed or is removed from the list of Surety Companies accepted on Federal BONDS, CONTRACTOR shall within ten (10) days after notice from the OWNER to do so, substitute an acceptable BOND (or BONDS) in such form and sum and signed by such other surety or sureties as may be satisfactory to the OWNER. The premiums on such BOND shall be paid by the CONTRACTOR. No further payments shall be

deemed due nor shall be made until the new surety or sureties shall have furnished an acceptable BOND to the OWNER.

23. ASSIGNMENTS

- 23.1 Neither the CONTRACTOR nor the OWNER shall sell, transfer, assign or otherwise dispose of the Contract or any portion thereof or of his right, title or interest therein, or his obligations thereunder, without written consent of the other party.

24. INDEMNIFICATION

- 24.1 The CONTRACTOR will indemnify and hold harmless the OWNER and the ENGINEER and their agents and employees from and against all claims, damages, losses and expenses including attorney's fees arising out of or resulting from the performance of the WORK. provided that any such claims, damage, loss or expense is attributable to bodily injury sickness, disease or death. or to injury to or destruction of tangible property including the loss of use resulting therefrom; and is caused in whole or in part by any negligent or willful act or omission of the CONTRACTOR, and SUBCONTRACTOR, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable.
- 24.2 In any and all claims against the OWNER or the ENGINEER, or any of their agents or employees, by any employee of the CONTRACTOR, any SUBCONTRACTOR, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable, the indemnification obligation shall not be limited in any way by any limitation on the amount or type of damages, compensation or benefits payable by or for the CONTRACTOR or any SUBCONTRACTOR under workmen's compensation acts, disability benefit acts or other employee benefits acts.
- 24.3 The obligation of the CONTRACTOR under this paragraph shall not extend to the liability of the ENGINEER, his agents or employees arising out of the preparation or approval of maps, DRAWINGS, opinions, reports, surveys, CHANGE ORDERS, designs or SPECIFICATIONS.

25. SEPARATE CONTRACTS

- 25.1 The OWNER reserves the right to let other contracts in connection with this PROJECT. The CONTRACTOR shall afford other CONTRACTORS reasonable opportunity for the introduction and storage of their materials and the execution of their WORK, and shall properly connect and coordinate his WORK with theirs. If the proper execution or results of any part of the CONTRACTOR'S WORK depends upon the WORK of any other CONTRACTOR, the CONTRACTOR shall inspect and promptly report to the ENGINEER any defects in such WORK that render it unsuitable for such proper execution and results.
- 25.2 The OWNER may perform additional WORK related to the PROJECT by himself, or he may let other contracts containing provisions similar to these. The CONTRACTOR will afford the other CONTRACTORS who are parties to such Contracts (or the OWNER, if he is performing the additional WORK himself), reasonable opportunity for the introduction and storage of materials and equipment and the execution of WORK, and shall properly connect and coordinate his WORK with theirs.
- 25.3 If the performance of additional WORK by other CONTRACTORS or the OWNER is not noted in the CONTRACT DOCUMENTS prior to the execution of the CONTRACT, written notice thereof shall be given to the CONTRACTOR prior to starting any such additional WORK. If the CONTRACTOR believes that the performance of such additional WORK by the OWNER or others involves him in additional expense or entitles him to an extension of the CONTRACT TIME, he may make a claim therefor as provided in Sections 14 and 15.

26. SUBCONTRACTING

- 26.1 The CONTRACTOR may utilize the services of specialty SUBCONTRACTORS on those parts of the WORK which, under normal contracting practices, are performed by specialty SUBCONTRACTORS.
- 26.2 The CONTRACTOR shall not award WORK to SUBCONTRACTOR(s), in excess of fifty (50%) percent of the CONTRACT PRICE, without prior written approval of the OWNER.
- 26.3 The CONTRACTOR shall be fully responsible to the OWNER for the acts and omissions of his SUBCONTRACTORS, and of persons either directly or indirectly employed by them, as he is for the acts and omissions of persons directly employed by him.
- 26.4 The CONTRACTOR shall cause appropriate provisions to be inserted in all subcontracts relative to the WORK to bind SUBCONTRACTORS to the CONTRACTOR by the terms of the CONTRACT DOCUMENTS insofar as applicable to the WORK of SUBCONTRACTORS and to give the CONTRACTOR the same power as regards terminating any subcontract that the OWNER may exercise over the CONTRACTOR under any provision of the CONTRACT DOCUMENTS.
- 26.5 Nothing contained in this CONTRACT shall create any contractual relation between any SUBCONTRACTOR and the OWNER.

27. ENGINEER'S AUTHORITY

- 27.1 The ENGINEER shall act as the OWNER'S representative during the construction period. He shall decide questions which may arise as to quality and acceptability of materials furnished and WORK performed. He shall interpret the intent of the CONTRACT DOCUMENTS in a fair and unbiased manner. The ENGINEER will make visits to the site and determine if the WORK is proceeding in accordance with the CONTRACT DOCUMENTS.
- 27.2 The CONTRACTOR will be held strictly to the intent of the CONTRACT DOCUMENTS in regard to the quality of materials, workmanship and execution of the WORK. Inspections may be made at the factory or fabrication plant of the source of material supply.
- 27.3 The ENGINEER will not be responsible for the construction means, controls, techniques, sequences, procedures, or construction safety.
- 27.4 The ENGINEER shall promptly make decisions relative to interpretation of the CONTRACT DOCUMENTS.

28. LAND AND RIGHTS-OF-WAY

- 28.1 Prior to issuance of NOTICE TO PROCEED, the OWNER shall obtain all land and rights-of-way necessary for carrying out and for the completion of the WORK to be performed pursuant to the CONTRACT DOCUMENTS, unless otherwise mutually agreed.
- 28.2 The OWNER shall provide to the CONTRACTOR information which delineates and describes the lands owned and rights-of-way acquired.
- 28.3 The CONTRACTOR shall provide at his own expense and without liability to the OWNER any additional land and access thereto that the CONTRACTOR may desire for temporary construction facilities, or for storage of materials.

29. GUARANTY

29.1 The CONTRACTOR shall guarantee all materials and equipment furnished and WORK performed for a period of one (1) year from the date of SUBSTANTIAL, COMPLETION. The CONTRACTOR warrants and guarantees for a period of one (1) year from the date of SUBSTANTIAL COMPLETION of the system that the completed system is free from all defects due to faulty materials or workmanship and the CONTRACTOR shall promptly make such corrections as may be necessary by reason of such defects including the repairs of any damage to other parts of the system resulting from such defects. The OWNER will give notice of observed defects with reasonable promptness. In the event that the CONTRACTOR should fail to make such repairs, adjustments, or other WORK that may be made necessary by such defects, the OWNER may do so and charge the CONTRACTOR the cost thereby incurred. The Performance BOND shall remain in full force and effect through the guarantee period.

30. GOVERNING LAW AND DISPUTE RESOLUTION

30.1 This Agreement will be governed by the laws of the State of Alabama.

30.2 The parties agree that all disputes between them shall first be submitted to mediation. All disputes, controversies or claims shall be subject to mediation as a condition precedent to the institution of legal or equitable proceedings by either party. Request for mediation shall be filed in writing with the other party to this Agreement and with the American Arbitration Association. The request may be made concurrently with the filing of legal or equitable proceedings, which shall be stayed pending mediation for a period of 60 days from the date of filing, unless stayed for a longer period by agreement of the parties or court order. The parties shall share the mediator's fee and any filing fees equally. The mediation shall be held at the Reservation of the Poarch Band of Creek Indians, unless another location is mutually agreed upon. Agreements reached in mediation shall be enforceable as settlement agreements in any court having jurisdiction thereof.

30.3 If the dispute cannot be so resolved, either Party may bring an action in a court of competent jurisdiction located in the first instance in the United States District Court for the Southern District of Alabama, and if, and only if, such court does not accept jurisdiction, then in the Circuit Court of Escambia County, Alabama.

30.4 The CONTRACTOR will carry on the WORK and maintain the progress schedule during any mediation or litigation, unless otherwise mutually agreed in writing.

31. TAXES

31.1 The CONTRACTOR will pay all sales, consumer, use and other similar taxes required by the law of the place where the WORK is performed.

SUPPLEMENTAL GENERAL CONDITIONS

1. INSURANCE

- 1.1 The Contractor shall provide umbrella form general liability coverage with a limit of liability of not less than \$1,000,000 which applies to general and automobile liability coverage.

2. PROTECTION OF OWNER

- 2.1 The Contractor hereby agrees to hold harmless, indemnify and defend the Owner, the Owner's agent, the Consulting Engineer, and the Owner's employees while acting within the scope of their duties from and against any and all liability, claims, damages, and cost of defense arising out of the Contractor's performance of the work described herein but not including the sole negligence of the Owner, his agents or employees. The Contractor will require any and all subcontractors to conform with the provisions of this clause prior to commencing any work. **The Contractor shall furnish an Owner's Protective Liability Policy which lists both the Owner and the Engineer as Named Insured.** This insurance coverage shall be provided in a policy separate from the Contractor's insurance policies, and a copy of the policy shall be provided to the Engineer. The limits of liability shall be not less than \$1,000,000.

3. ADVERTISEMENT OF CLOSING

- 3.1 The Contractor shall attach to the final payment estimate an affidavit of publication (with clipping) from a newspaper of general circulation in the county where work was done, that completion has been advertised weekly for three consecutive weeks. First notice must be subsequent to completion. Employ the following copy:

“Notice is hereby given that (contractor and address) has completed all work on the **Street Resurfacing** in **Pine Hill, Alabama**. All persons having any claim for labor, materials, or otherwise in connection with this project should immediately notify the above named contractor and the Town Clerk of the Town of Pine Hill.

4. SUBCONTRACTING

- 4.1 The Contractor shall not award work to subcontractor(s) in excess of fifty (50%) percent of the contract price, without prior written approval of the Owner.

5. **TIME FOR COMPLETION AND LIQUIDATED DAMAGES**

ARTICLE 15 of the GENERAL CONDITIONS is hereby revised to read as follows:

- 5.1 It is hereby understood and mutually agreed, by and between the Contractor and the Owner, that the date of beginning and the time for completion as specified in the contract of the work to be done hereunder are ESSENTIAL CONDITIONS of this Contract; and it is further mutually understood and agreed that the work embraced in this Contract shall be commenced on a date to be specified in the "Notice to Proceed."
- 5.2 The Contractor agrees that said work shall be prosecuted regularly, diligently and uninterruptedly at such rate of progress as will insure full completion thereof within the time specified. It is expressly understood and agreed, by and between the Contractor and the Owner, that the time for the completion of the work described herein is a reasonable time for the completion of the same, taking into consideration the average climatic range and usual industrial conditions prevailing in this locality.
- 5.3 If the said Contractor shall neglect, fail or refuse to complete the work within the time herein specified, or any proper extension thereof granted by the Owner, then the Contractor does hereby agree, as a part consideration for the awarding of this Contract, to pay to the Owner the amount specified in the Contract, not as a penalty but as liquidated damages for such breach of contract as hereinafter set forth, for each and every calendar day that the Contractor shall be in default after the time stipulated in the Contract for completing the work.
- 5.4 The said amount is fixed and agreed upon by and between the Contractor and the Owner because of the impracticability and extreme difficulty of fixing and ascertaining the actual damages the Owner would in such event sustain, and said amount is agreed to be the amount of damages which the Owner would sustain and said amount shall be retained from time to time by the Owner from current periodical estimates.
- 5.5 It is further agreed that time is of the essence of each and every portion of this Contract and the specifications wherein a definite and certain length of time is fixed for the performance of any act whatsoever; and where under the Contract an additional time is allowed for the completion of any work, the new time limit fixed by such extension shall be of the essence of this Contract. Provided, that the Contractor shall not be charged with liquidated damages or any excess cost when the Owner determines that the Contractor is without fault and the Contractor's reasons for the time extension are acceptable to the Owner; provided, further, that the Contractor shall not be charged with liquidated damages or any excess cost when the delay in completion of the work is due:
- 5.5.1 To any preference, priority or allocation order duly issued by the Government.
- 5.5.2 To unforeseeable cause beyond the control and without the fault or negligence of the Contractor, including, but not restricted to, acts of God, or of the public enemy, acts of the Owner, acts of another Contractor in the performance of a contract with the Owner, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes and severe weather.

5.5.3 To any delays of Subcontractors or suppliers occasioned by any of the causes specified in subsections (a) and (b) of this article.

5.6 Provided, further, that the Contractor shall, within ten (10) days from the beginning of such delay, unless the Owner shall grant a further period of time prior to the date of final settlement of the Contract, notify the Owner, in writing, of the causes of the delay, who shall ascertain the facts and extent of the delay and notify the contractor within a reasonable time of its decision in the matter.

6. **PAYMENTS TO CONTRACTOR**

Portions of ARTICLE 19 of the GENERAL CONDITIONS are revised to read as follows:

6.1 The OWNER shall retain five (5) percent of the amount of each payment until the project is fifty (50) percent complete after which no further retainage shall be withheld. The retainage stated above shall be held by the OWNER until final completion and acceptance of the work, and meet all conditions of the Contract.

6.2 Prior to final payment, a NONRESIDENT CONTRACTOR shall satisfy the OWNER that he or she has paid all taxes due and payable to the State of Alabama or any political subdivision thereof. For the purpose of this Article, a NONRESIDENT CONTRACTOR is one who is neither (a). organized and existing under the laws of the State of Alabama, nor (b). maintains its principal place of business in the State of Alabama. A NONRESIDENT CONTRACTOR which has maintained a permanent branch office within the State of Alabama for at least five continuous years shall no thereafter be deemed to be NONRESIDENT CONTRACTOR so long as the Contractor continues to maintain a branch office within Alabama.

6.3 Final Payment shall be made to the Contractor no less than 10 days following receipt by the Owner of:

1. A properly executed, and duly certified payment estimate.
2. A release of all claims filed against the Contractor, or claims of lien filed against the Owner, arising under or by virtue of the Contract or completed work.
3. A proof of advertisement of project completion. However the final payment shall not be made until the expiration of thirty days after completion of the advertisement.
4. For NONRESIDENT CONTRACTORS, proof of payment of all taxes due the State of Alabama, or any political subdivision thereof.

6.4 Only those portions of ARTICLE 19 of the GENERAL CONDITIONS which conflict with the Articles above are revised. All other portions of Article 19 shall remain as stated in the GENERAL CONDITIONS.

7. **CONTRACT SECURITY**

7.1 ARTICLE 22 of the GENERAL CONDITIONS of the Contract are revised such that the amount of the PAYMENT BOND will not exceed 50% of the Contract Price.

8. **ASSIGNMENT**

8.1 ARTICLE 23 of the GENERAL CONDITIONS is hereby revised to include the following:

Under no circumstances shall a contract be assigned to an unsuccessful bidder whose bid was rejected because he or she was not a responsive bidder.

9. **DOMESTIC PRODUCTS AND STEEL**

9.1 The Contractor to whom the Construction Contract is awarded shall 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 and competitive prices, and are not contrary to any sole source specification included in the Contract.

9.2 The Contractor shall use steel produced within the United States when the specifications require the use of steel, and do not limit its supply to a sole source.

9.3 The Contractor shall provide the Owner a certification that only domestic products and steel will be used in the completion of the work subsequent to the contract. The Certification shall be provided prior to the execution of the contract, and shall be executed by the same person who executes the Contract on behalf of the Contractor, and shall be notarized. The Contractor shall also provide copies of similar certifications from material and equipment suppliers as a part of any submittals presented to the Engineer for approval.

9.4 In the event the Contractor violates the agreement to use domestic or steel, and domestic products or steel are not used, there shall be a downward adjustment in the contract price equal to any realized savings or benefits to the Contractor.

10. **COMPLIANCE WITH PL 91-596 AND PL 91-54**

10.1 The Contractor shall comply with the Department of Labor Safety and Health Regulations for construction promulgated under the Occupational Safety and Health Act of 1970 (PL 91-596) and under section 107 of the Contract Work Hours and Safety Standards Act (PL 91-54).

11. EXPERIENCE CLAUSE

- 11.1 The general use of experience clauses requiring equipment manufacturers to have a record of satisfactory operation for a specific period of time or bonds or deposits to guarantee replacement in the event of failure is restricted to special cases where the grantee's engineer adequately justifies any such requirement in writing. Where such justification has been made, submission of a bond or deposit shall be permitted in lieu of a specified experience period, and the period of time for which such bond or deposit is required should not exceed the period specified.

**SPECIAL SPECIFICATIONS
FOR
STREET RESURFACING FY2025 REBUILD ALABAMA ACT ANNUAL GRANT PROGRAM
TOWN OF PINE HILL, ALABAMA**

1. GENERAL

- 1.1 These Specifications cover the street improvements of streets within the Town of Brantley, Alabama, as shown in the plans. The work to be done under this Contract consists of resurfacing with bituminous asphalt wearing surface and various other pay items to accomplish the project in the Town of Brantley as shown on the Plans.
- 1.2 The prices bid for the items in the Proposal are intended to provide full compensation to the Contractor for completing all items of work necessary to complete the improvements described in the Project Plans and Specifications. When no bid item is provided for work described by the Plans or these Specifications, the work shall be considered incidental to the project and the cost shall be included in other items of work provided in the Proposal.
- 1.3 Any major items which may have been omitted which are found by the proposed bidders shall be called to the attention of the Engineer prior to the bid so that an Addendum can be issued. When no bid item is provided for work described by the Plans or these specifications, the work shall be considered incidental to the project and the cost shall be included in other items of work provided in the Proposal.
- 1.4 Any work under this Contract not specifically covered by the Plans or these Specifications shall comply with the applicable sections of the Alabama Department of Transportation Standard Specifications for Highway Construction (ALDOTSSHC), Latest Edition.
- 1.5 The Owner reserves the right to add to or delete portions of the paving, resurfacing, or other items from this project to match the funds available.
- 1.6 The Owner will retain all asphalt millings that are acquired during the planing process. The millings will be delivered to a location designated by the Owner.

2. TIME FOR COMPLETION, LIQUIDATED DAMAGES, AND WORK SCHEDULE

- 2.1 The time for completion of this Contract is based on a standard weekly work schedule of Monday through Friday. No work shall be scheduled or performed on Saturday, Sunday, or holidays, except for any required emergency maintenance work, without the prior approval of the Engineer.
- 2.2 The Contractor shall fully complete the work within the time period set forth in the Contract and will be charged liquidated damages in the amount specified in the Contract for each day that the work is not completed beyond the project completion date.

- 2.3 The Contractor shall notify the Engineer at least 48 hours prior to performing any work or phase of work in order that arrangements can be made for a construction observer to be on site during the construction.

3. EQUIPMENT AND MATERIAL

- 3.1 Shop drawings, data and material specifications, schedules of pipe materials and manufacturers' affidavits of certification for all equipment and material selections shall be submitted to the Engineer for review and approval prior to the purchase, delivery, or installation of any equipment or materials.
- 3.2 No products or equipment shall be delivered or unloaded until the Engineer has reviewed and approved material submittal data. Any materials found damaged shall be removed from the site and replaced by the Contractor at no cost to the Owner.
- 3.3 All products shall be stored in accordance with manufacturers' recommendations. Products shall not be stored in direct sunlight or where there is possibility of contact with fire or excessive heat and shall not be stored in areas which would endanger safety of public or construction operators, or result in damage to products. The Contractor shall provide proper and suitable tools and appliances for safe handling of products and shall use care to ensure the products are not damaged or compromised in integrity of operation or appearance throughout the work and until final acceptance of the entire project. Products and pipe materials shall be kept clean and free of dirt and debris throughout the project's completion. Any products found damaged or not clean shall be replaced by the Contractor at no expense to the Owner.

4. MOBILIZATION

- 4.1 This section shall cover the preparatory work including the movement of personnel, equipment, supplies and incidentals to and from the project site, and other costs incurred prior to beginning work. **If a separate pay item for Mobilization is included in the Proposal, payment shall be made at the lump sum price bid for Mobilization. If no pay item is included in the Proposal for Mobilization, then Mobilization is considered incidental to all other major items of work and will receive no separate payment.**

5. VEGETATION TREATMENT

- 5.1 The Contractor shall apply Pramitol (or an equivalent herbicide approved by the Engineer) to any areas with existing grass or weeds **before any resurfacing is performed** and prior to cleaning/preparing surfaces for resurfacing. The application rate shall be 25 ounces of solution per 1,000 square feet. This work shall be subsidiary to the bituminous wearing surface, and no separate payment will be made for vegetation treatment. Full compensation for materials, labor, tools, equipment, and other incidentals required to apply the herbicide as specified shall be included in the price bid for the bituminous wearing surface.

6. TRAFFIC CONTROL

- 6.1 The Contractor shall be solely responsible for traffic control and signs during the project. A minimum of one-way traffic shall be maintained at all times and access to all businesses and residences shall be provided at all times. The Contractor shall comply with the applicable provisions of the Federal Manual on Uniform Traffic Control Devices, including Part VI of the manual, in handling traffic during construction, and for providing temporary traffic control measures. He shall also comply with applicable portions of Section 740 of the Alabama Department of Transportation Standard Specifications for Highway Construction (ALDOTSSHC), Latest Edition.
- 6.2 During construction, the Contractor shall communicate with the Police Chief to maintain coordination with the City and with its emergency services. The Contractor shall conduct his work in such a way that he does not obstruct or delay any type of emergency service which may need to be provided within the City.
- 6.3 The Engineer, in the performance of his duties outlined in these Specifications, does not guarantee, or ensure the Contractor's compliance with these regulations. Payment for **Traffic Control** shall be on a lump sum basis.

7. ASPHALT MILLING (PLANING)

- 7.1 The total thickness of the existing pavement is unknown.
- 7.2 At the locations shown or as directed by the Engineer, the Contractor shall perform asphalt planning or milling in order to create smooth transitions between the new and existing pavement surfaces, or other select areas as may be shown on the Plans. In the case of transitions when no bid item is included for milling/planing, the cost of performing the milling is to be considered incidental to the overall paving operations and will receive no separate payment.
- 7.2 At the locations shown or as directed by the Engineer, the Contractor shall perform asphalt planning or milling as indicated for large portions of streets, in order to remove a portion of the existing asphalt surface prior to resurfacing streets so that the function and integrity of the existing curb or curb and gutter sections can be maintained after the streets are resurfaced. Milling operations shall be performed in accordance with Section 408 of the ALDOTSSHC, Latest Edition. Payment for large areas of milling, **when a separate pay item is warranted and included in the proposal**, will be made at the contract unit price per square yard for **Asphalt Milling** (for the depth ranges shown) and will be full compensation for all tools, equipment, labor, materials and other incidentals as necessary to complete the work as specified.

8. BITUMINOUS CONCRETE, LEVELING SURFACE

- 8.1 Leveling of the existing roadway shall be performed as directed by the Engineer. Plant mix material shall be installed in accordance with Sections 410 and 424 of the *ALDOT Standard Specifications for Highway Construction*, Latest Edition. The plant mix shall be placed in any

holes or depressions in the existing surface exceeding 1 inch in depth and allowed to cure before paving over.

- 8.2 Payment for leveling will be made at the contract unit price per ton for **Superpave Bituminous Upper Binder Layer, Leveling**. This payment shall be full compensation for the complete construction of leveling in place, including all materials, procurement, handling, hauling, processing costs, equipment, tools, labor, and incidentals required to complete the work

9. BITUMINOUS CONCRETE, WEARING SURFACE

- 9.1 A layer of *424A-340 Superpave Bituminous Concrete Wearing Surface* shall be constructed on the roads, streets, and intersections as shown in the plans. The Contractor shall pave a minimum 3-foot apron at each intersection adjacent to the resurfaced streets (or match an existing seam). The Contractor shall also install asphalt driveway turnouts with a minimum length of 12 feet and a width of 3 feet. The cost of installing turnouts shall be included in the unit price bid for the wearing surface.
- 9.2 Before placing the wearing layer, streets to be resurfaced shall be thoroughly cleaned by mechanical brooming and receive a bituminous **Tack Coat** applied in accordance with Section 405 of the ALDOTSSHC, Latest Edition.
- 9.3 The wearing surface layer shall have a minimum thickness of 1 inch, generally be applied at a rate of 165 pounds per square yard and be constructed with a ½-inch maximum aggregate size in accordance with Sections 410 and 424 of the ALDOTSSHC, Latest Edition. Payment for the wearing surface layer shall be made at the contract unit price per ton for **Bituminous Concrete Wearing Surface**.
- 9.4 The quantity of **Bituminous Concrete Wearing Surface** will be measured in tons (2,000 pounds). Payment will be made on a tonnage basis and shall be full compensation for the complete construction of the wearing surface, including all materials, procurement, handling, hauling, processing costs, equipment, tools, labor, and incidentals.
- 9.5 All streets to be paved shall be cleaned free of vegetation, grass, and organic matter. Vegetation shall be treated with an approved herbicide, applied in accordance with the manufacturer's recommendations to ensure termination and removal before resurfacing. If vegetation appears through the new surface, the Contractor shall provide a remediation plan and perform necessary repairs, including removal and replacement of the affected asphalt.
- 9.6 Prior to applying asphalt, the Contractor shall apply *Pramitol* (or an equivalent herbicide approved by the Engineer) to areas with grass/weeds. The herbicide shall be applied at 25 oz. per 1,000 square feet, allowing sufficient time for termination and prevention of regrowth, as per manufacturer guidelines. The cost of the herbicide shall be a subsidiary obligation to the pay item **Superpave Bituminous Concrete Wearing Surface Layer**.
- 9.7 The Contractor shall submit a bituminous concrete wearing surface mix design approved by the State to the Engineer for approval before placing asphalt.

9.8 The Contractor shall clip the existing paving surface to remove obvious high points in the existing surface which are the result of street patching, utility line installation, and minor pavement deterioration. This clipping is not intended to cover major areas, but it is intended to remove localized high spots that would produce thin areas in the resurfacing.

10. BITUMINOUS CONCRETE, PATCHING

10.1 The Contractor shall repair all streets, roads, highways, drives, parking lots, or other pavement damaged during construction, whether on public or private property. The Contractor shall also repair any potholes and/or existing utility cuts that have settled over time.

10.2 The Contractor shall backfill all streets in accordance with the Technical Specifications and shall compact this backfill to the following densities in accordance with the AASHTO T 99 Specification for the Standard Proctor Density Test:

- | | | |
|----|---|------|
| 1. | Base material and top six inches of backfill: | 100% |
| 2. | Remainder of backfill: | 98% |

10.3 The pavement replacement shall consist of an 825B Crushed Aggregate Base coarse, Misc. Use (6" thick) 100% compaction, extended 1'-0" beyond the edge of the sawcut trench, a type A prime coat, a 3.0-inch layer of Bituminous Concrete Binder Layer, and 1.5-inch layer of Bituminous Concrete Wearing Surface. All pavement replacement work shall be in accordance with the Alabama Department of Transportation Standard Specification for Highway Construction (ALDOTSSH), Latest edition. The existing pavement shall be sawed or cut to provide a uniform edge to tie the new paving to the existing pavement. The paving is to be replaced to a width of 6-inches beyond the limits of the trench such that 6-inches of the paving patch is resting on undisturbed material. The edge of the existing paving shall be thoroughly tacked to provide a bond between the new and old paving. Wearing Surface will be paid separately. All items necessary including base material needed for completion of Patching shall be paid for as **Superpave Bituminous Concrete Wearing Surface Layer, Patching** on a tonnage basis.

10.4 In order to minimize the damage to the existing paved streets, a method of compliance shall be utilized for trench protection on storm drainage piping that is installed in the street paving which minimizes the width of paving to be cut, e.g., trench box or shoring. All costs associated with providing trench protection shall be included in the various items bid in the proposal. No additional payment will be made for providing trench protection if required.

10.5 As part of resurfacing on West Grove Avenue, the Contractor shall remove asphalt and base material over the existing box culvert and replace it with new crushed aggregate base and pavement. The base course cost is included in **Crushed Aggregate Base Course, Type B**, and the asphalt cost is included in **Superpave Bituminous Concrete Wearing Surface Layer, Patching**.

11. CLIPPING SHOULDERS

- 11.1 The Contractor shall clean the edges of the streets as necessary to remove grass and dirt from the existing surface and to establish a clean edge along the existing curb. All paving surfaces shall be thoroughly broomed and cleaned as necessary to remove all loose material, dirt, grass, and debris from the existing surface.
- 11.2 Payment for **Clipping Shoulders** shall be based upon the lump sum amount bid for this item and shall be full compensation for all labor, equipment, and materials necessary to complete this work to the satisfaction of the Owner and Engineer.

12. TRAFFIC CONTROL MARKINGS, LEGENDS, AND STRIPING (TEMPORARY AND PERMANENT)

- 12.1 The Contractor shall apply traffic control markings, legends, and striping as shown on the plans and as directed by the Engineer. All materials and application methods shall comply with Sections 701 and 703 of the Alabama Department of Transportation Standard Specifications for Highway Construction (ALDOTSSHC), Latest Edition. Accepted traffic control markings shall be paid under the proposal items for **Traffic Control Markings, Class 2, Type A**.

13. TACK COAT

- 13.1 The contractor shall apply tack coat between all layers of newly installed asphalt and as directed by the Engineer. All materials and application methods shall comply with applicable sections of the Alabama Department of Transportation Standard Specifications for Highway Construction (ALDOTSSHC), Latest Edition. Accepted tack coat application shall be paid under the proposal item for **Tack Coat** per gallon installed.

14. JOINT SEALANT FOR HOT MIX ASPHALT

- 14.1 The Contractor shall apply a resilient and adhesive joint sealing filler capable of effectively sealing joints in rigid pavements and as directed by the Engineer. All materials and application methods shall comply with applicable sections of the Alabama Department of Transportation Standard Specifications for Highway Construction (ALDOTSSHC), Latest Edition. Accepted joint sealant installed shall be paid under the proposal item for **Joint Sealant for Hot Mix Asphalt** per mile installed.

15. CRUSHED AGGREGATE BASE COURSE

- 15.1 The work to be performed includes the preparation of the aggregate base course foundation; and the production, stockpiling, hauling, placing, and compacting of aggregate base course. Crushed Aggregate Base Course shall meet requirements of Section 825 of the ALDOTSSHC, Latest Edition. The Crushed Aggregate Base Material shall be Type B.
- 15.2 Crushed Aggregate Base Course shall be installed and compacted in lifts until the layer reaches an overall minimum compacted thickness of that shown on the Plans, unless specified otherwise by the Engineer.

- 15.3 Payment for all items required in this Section, including, but not limited to, foundation preparation, stockpiling, hauling, placing, and compacting the crushed aggregate base. Crushed aggregate base course will be made at the square yard contract price for **Crushed Aggregate Base Course** and will be full compensation for all materials, tools, labor, equipment and other incidentals necessary to complete the work as specified.

16. UNCLASSIFIED EXCAVATION

- 16.1 Unclassified excavation shall consist of the excavation, removal, and proper disposal of all materials not being removed under some other pay item and encountered within the limits of construction, including soil, rock, clay, gravel, boulders, and any other materials, as specified in Section 210 of the ALDOT Standard Specifications for Highway Construction, Latest Edition. This work shall include stripping topsoil, clearing and grubbing, removal of unsuitable materials, and preparation of the subgrade to the lines, grades, and cross-sections shown in the plans or as directed by the Engineer. The classification of the excavated material will not affect the payment; all excavation is considered unclassified unless specified otherwise.
- 16.2 Payment for Unclassified Excavation will be made at the contract unit price per cubic yard and shall include full compensation for all labor, equipment, tools, and incidentals necessary to complete the work.

17. DRIVEWAYS

- 17.1 Where existing asphalt, dirt, or gravel driveways exist, the Contractor shall pave a MINIMUM three (3) foot apron in each driveway adjacent to the streets being resurfaced or paved. This apron shall match the grade of the driveway and shall be placed such that water does not pond in the driveway. The apron shall facilitate drainage by preventing street water from entering the driveway or conveying driveway water into the street as appropriate. The cost of these aprons shall be included in the price bid for **Bituminous Concrete Wearing Surface**, per ton in place.
- 17.2 Where existing concrete drives and concrete sidewalks exist, the Contractor shall pave to the existing edge of concrete. No removal of concrete in these areas are required, regardless of the condition of the existing concrete.

18. CONCRETE

- 18.1 The concrete supplied for this work shall be composed of Portland Cement, fine aggregate, coarse aggregate, water, and admixtures, properly proportioned and mixed in accordance with the requirements of ASTM C-94, Ready Mixed Concrete, and as herein provided. All concrete supplied for the building shall have a 3,000 psi compressive strength. Maximum aggregate size shall be 1 1/2".
- 18.2 The cement shall be Type I of a standard brand which complies with ASTM Specification C-150. Cement utilizing fly ash which meets ASTM C-618 and any other applicable ASTM Specifications may be utilized in accordance with ASTM Specification C-150. Aggregates shall conform to ASTM Specification C-33. Potable water shall be utilized. An air entraining

admixture meeting ASTM Specification C-260 shall be used to produce a total average air content which complies with the recommendations of ASTM C-94. The air content shall be 4.5% for 1 1/2" aggregate, with an allowable variation of plus or minus 1.0%. Water reducing admixture complying with ASTM Designation C-494 shall be used, and the use shall be in accordance with the manufacturer's recommendations.

- 18.3 Proportioning of concrete materials in each mix shall be based on maximum water - cement ratio and minimum allowable strength in accordance with ACI Standard 613. Prior to placing any concrete on the job, a design mix will be prepared by a commercial testing laboratory for each mix. As a part of the preparation of these design mixes, cylinders will be prepared and tested. The design mixes and testing results will be submitted for approval. The maximum water content in gallons per bag of cement shall not exceed 6.50 gallons.
- 18.4 The consistency of the concrete shall be that required for the specific placing conditions and method of placement. The concrete shall be of such consistency that it can be worked readily into all corners and around reinforcing without segregation of materials or having free water collect on the surface. The concrete slump shall generally be in the range from 3-5 inches, but compliance with these slump requirements shall not necessarily designate a satisfactory mix. The Owner may require changes in proportions at any time as necessary to obtain a mix having satisfactory properties. Slump tests will be made by the Owner in accordance with ASTM Designation C-143.
- 18.5 The concrete shall be placed in accordance with ACI 614 and ACI 318. Buckets, chutes, and tremies shall be utilized to prevent the free fall of concrete during deposition. All concrete shall be thoroughly consolidated by the use of mechanical vibratory equipment, and this equipment will be utilized to work the concrete around the reinforcement and inserts to prevent the formation of voids. Vibrators shall not be used to move the concrete horizontally.
- 18.6 The concrete formwork shall be constructed such that the final structure conforms to the shapes, lines, and dimensions of the members as required by the Plans and Specifications. The forms shall be substantial and sufficiently tight to prevent the leakage of mortar. The forms shall be properly braced and/or tied to maintain their position and shape. Formwork shall conform to ACI Standards 318 and ACI Standards 347. All exposed surfaces shall be formed to produce a tolerance of a plus or minus 1/8" in the finished surfaces.
- 18.7 The locations of construction joints, expansion joints, and joint details shall be as shown on the plans or as approved by the Owner. All construction joints shall be provided with a keyway. Prior to placing plastic concrete against a concrete joint surface which has set, the surface shall be thoroughly cleaned of all loose material, laitance, dirt and other foreign material. The surface shall be watered until saturated and shall be kept wet until the fresh concrete is placed. Expansion joints shall be constructed in accordance with the detail shown on the Plans.
- 18.8 All exposed edges of concrete shall be provided with a minimum 1/2" chamfer. The concrete surfaces which will be exposed after backfilling shall be formed with prefabricated plywood or metal forms to provide a smooth even appearance. Upon removal of the forms,

all tie holes, minor depressions, and rough surfaces shall be rubbed with a carborundum stone to remove form marks and to provide a smooth even finished surface. Any major honeycombs or joints which appear to be defective to the Engineer shall be cut out, a 2 inch keyway formed, and the defective area filled with an epoxy grout mix developing a compressive strength of at least 6800 psi in 28 days. The grout mix shall be "Masterbuilders Masterflow 713" or equal, and shall be placed in strict accordance with the recommendations of the manufacturer.

- 18.9 The concrete surfaces shall be finished in accordance with ACI 302. The exterior footing shall have a steel trowel finish and the interior footings shall have a wood float finish.
- 18.10 Concrete shall be cured in accordance with ACI 308. Proper curing shall be accomplished to insure that the concrete develops the proper design strength and to prevent surface cracks due to rapid water loss while the concrete is plastic. If curing compounds are utilized, they shall comply with ASTM C-309 and ASTM C-171.
- 18.11 Concrete reinforcement shall consist of deformed steel reinforcing bars conforming to ACI 318 and having yield strength of 60,000 psi. Details of reinforcing including hooks, splices, etc., and the placement of reinforcement shall conform to ACI 318. Reinforcing steel shall be accurately placed and properly supported in accordance with the Concrete Reinforcing Steel Institute Manual of Standard Practice. A complete submittal on the reinforcing shall be provided to the Owner for approval prior to fabricating any of the steel.
- 18.12 The cost of all concrete testing shall be paid for by the Owner, except for those tests in connection with the mix design and trial batches and as noted below. During the progress of the work, the Owner will cast test cylinders of the number he desires for testing to maintain a check on the compressive strength of the concrete actually being placed. The cost of all materials and field labor as required by the Owner in making test specimens shall be included in the contract price. Moisture tests of both fine and coarse aggregate shall be made by the Contractor at sufficient intervals to provide for accurate batching and proportioning. Testing equipment including wheelbarrow or buggy, shovel, slump cone and rod, plywood platform 30" square, twelve steel cover plates (7" x 7" x 1/8"), and hand trowel shall be furnished by the Contractor and made available at a location convenient to the work before commencing any concreting operation. All testing equipment shall be maintained in a clean condition by the Contractor. In the event of unsatisfactory test results in the compressive strength of the concrete, the Contractor will be required to perform sufficient in-place testing to determine the concrete strength, and the cost of this testing shall be borne by the Contractor.

19. FIBERMESH

- 19.1 Concrete engineered reinforcing fibers shall be used in all concrete structures, walkways, sidewalks, drainage structures and minor structure concrete items. The reinforcing fibers shall be applied at a rate of 1.5 pounds per cubic yard and shall consist of 100% virgin polypropylene, collated, fibrillated fibers from the Fibermesh Co., or approved equal. Only fibrillated fibers designed and manufactured specifically for use in concrete from 100% virgin polypropylene and so certified by the manufacturer will be acceptable.

19.2 Payment for fibermesh shall be included in the contract unit prices for the items requiring fibermesh reinforced concrete.

20. MINOR STRUCTURE CONCRETE

20.1 The bid item for minor structure concrete shall cover the repair of any damage to existing mailboxes, drainage inlets, flumes, and any other additional required special structures. Measurement and payment for the special structures will be made at the contract unit price bid per cubic yard for reinforced special structure concrete. Payment will be made at the contract unit price per cubic yard of concrete for **Minor Structure Concrete** and will be full compensation for all tools, labor, equipment, material, reinforcement, equipment and for excavating, grading, forming, placing, finishing and all other incidental work to provide the structures complete in place. The concrete shall be Class "A", 3,000 psi with fibermesh meeting the **Concrete** and **Fibermesh** sections of these Specifications.

21. VALVE AND MANHOLE ADJUSTMENT

21.1 The Contractor shall adjust all existing valve boxes and manholes to match the elevation of the wearing surface on the street. Payment for adjusting valve covers shall be at the contract unit price for **Valve Adjustment**. Payment for adjusting manholes to match the wearing surface of the street will be at the contract unit price for **Manhole Adjustment**. The Owner will locate any valves and manholes covered by previous resurfacing and the Contractor shall remove all asphalt, remove the frame and adjust the levels with masonry.

22. DENSITY AND TESTING REQUIREMENTS

22.1 At the request of the Engineer, the Contractor shall provide the necessary equipment and personnel to cut samples from the compacted pavement for testing. Samples not smaller than four inches square or four inches in diameter for the full depth of the course to be tested shall be taken at the locations directed by the Engineer. The furnishing of suitable, approved cutting equipment, the cutting of the samples, and the immediate repair of the sample holes with similar type material shall be performed by the Contractor without extra compensation. The cost of all soils, concrete and asphalt field and laboratory testing deemed necessary by the Engineer, other than the design mixes (which are required), will be paid for by the Owner in a separate contract. The Contractor will provide assistance to the materials testing personnel in obtaining the necessary samples of soil and asphalt.

22.2 At least two copies of all test results will be furnished to the Contractor as soon as they are available. Any areas found by the testing to be deficient in any way will be retested after the deficiency is corrected by the Contractor, unless otherwise directed by the Engineer.

22.3 The Contractor shall submit a mix design for the bituminous concrete wearing surface that has been approved by the State. This mix design shall be submitted to and be approved by the Engineer prior to placing any asphalt on the job.

22.4 The Engineer or his authorized representative will select locations for all tests to be conducted.

23. LICENSE AND PERMITS

23.1 The Contractor shall be responsible for the purchase of all licenses and permits required by the City, County, State or Federal government, and shall comply with all laws, ordinances, or regulations of those governments in pursuance of the work spelled out in this contract. The Contractor shall purchase a Contractor's License from the City of Citronelle for this work, and he shall be responsible for determining the cost of this license.

24. ACCIDENT PREVENTION, SAFETY, AND PROTECTION OF PROPERTY

24.1 The Contractor is solely responsible for job safety and for compliance with all applicable OSHA requirements, criteria, and regulations. Neither the Engineer nor the Owner, either expressly or implied, are responsible for job safety or compliance with OSHA safety requirements, criteria or regulations.

24.2 The Contractor will be solely responsible for initiating, maintaining, and supervising all safety precautions and programs in connection with the work. The Owner will require that caution shall be exercised by the Contractor at all times for the protection of persons (including employees) and property and that the safety provisions of the applicable laws and building codes shall be complied with. The Contractor shall comply with all applicable OSHA criteria and shall maintain a safety program as outlined in the Manual of Accident Prevention in Construction published by the Associated General Contractors of America.

24.3 The Contractor alone shall be liable for any claims or lawsuits made or filed in connection with damages, injuries, loss of life or other accidents caused by his construction operations or due to his negligence or to the negligence of his employees in taking proper and adequate precautions to ensure the safety of the general public, his own employees, or any other person or property, or due to unforeseen accidents incidental to the work such as trench cave-ins, ruptured utility line and conduits, etc. The Contractor shall indemnify and save harmless the Owner, the Owner's engineer, and all other agents, officials, or employees of the Owner, against any claims or lawsuits made or filed against him in connection with his work under this contract.

24.4 The Contractor shall be completely responsible for planning and implementing all methods and measures necessary to fully comply with the OSHA requirements for excavations and trench protection, as well as all other phases of the work. Any costs of complying with safety requirements shall be included in the various pay items for the major items of work. No direct payment will be made to cover the cost of safety requirement compliance.

24.5 All excavations, ditches or trenches shall be backfilled and compacted as required. The Contractor shall provide any necessary equipment required to properly compact excavations and ditch lines and this compaction work shall be accomplished in accordance with all applicable OSHA requirements.

- 24.6 Prior to beginning construction work, the Contractor shall thoroughly document the condition of all existing landscaping, structures, and other improvements located along the line in those locations where property damage or damage claims may result from the construction work. The manner in which this documentation is accomplished shall be acceptable to the Engineer. A complete set of documentation will be available on the job site to help determine what restoration work is required to return any disturbed property to its original condition and to settle disputes concerning the original condition of any property.
- 24.7 In order to minimize the damage to the existing paved streets, a method of compliance shall be utilized for trench protection on those lines that are installed in the street paving or immediately adjacent to the street(s) which minimizes the width of paving to be cut, such as trench box or shoring.
- 24.8 The ditches shall be backfilled and compacted in accordance with the General Specifications for Sanitary Sewer and Appurtenances. The Contractor shall provide any necessary equipment required to properly compact the ditch lines and this compaction work shall be accomplished in accordance with all applicable OSHA requirements.

25. SUBCONTRACTING

- 25.1 The Contractor shall not subcontract more than 50% of the contract work without written permission of the Owner. The Owner shall approve all subcontractors. Prior to beginning any work on the contract, the Contractor shall submit a list of all subcontractors along with a description of the work planned for each subcontractor; a list of previous projects completed; a list of references; a list of the subcontractor's equipment to be used on the project; a list of credit references; and a copy of the proposed contract between the prime contractor and subcontractor.
- 25.2 No subcontractor will be approved for work on this Contract who cannot demonstrate ability to satisfactory complete the work.

26. EXISTING UTILITIES AND UNDERGROUND OBSTRUCTIONS

- 26.1 In excavating and backfilling care must be taken not to remove, disturb or injure any water, sewer, gas, electric, telephone, or other conduits or utilities encountered without prior approval of the Owner of the utility, including private utilities. If necessary, in order to perform the intended work, the Contractor shall sling, shore up, and maintain such utilities in operation, and promptly repair any damage done to them. Before final acceptance of the work, all such utilities shall be made "equal or better" than prior to construction.
- 26.2 It shall be the Contractor's responsibility to give sufficient prior information to the utility owner that construction will take place whereby the utility owner will be afforded an opportunity to adequately mark, on the ground or with sufficient maps, the utility locations. Coordination of such information and utility locations shall be the sole responsibility of the Contractor. In event of damage to the utilities, the Contractor will promptly notify the utility

owner (private or public) and must assume full responsibility thereof. Failure of the Contractor to promptly notify the utility owner shall make him liable for any needless loss or interference with normal operations of the utility.

- 26.3 In the event that pipes or conduits providing service to adjoining buildings are broken, or damaged to some questionable degree of service, the Contractor shall immediately make repairs at his own expense or be otherwise liable for repair costs incurred by others. Delays which would result in service being off overnight or needlessly for long periods during the day will not be tolerated. The utility owner reserves the right to make repairs, to utilities or structures damaged by the Contractor, without prior notice. Removal or relocation of a utility encountered may be done upon prior approval by the utility owner given directly to the Contractor.
- 26.4 Prior to construction and/or bidding, the Contractor shall satisfy himself as status of the underground obstructions by making direct contact with utility firms, if he so desires, to become thoroughly aware of true conditions. The utility lines shown on the plans and any notes on the plans pertaining to underground obstructions were taken from those records available for the system, and there was no intent to show the details and locations of all underground obstructions which may be encountered. The information shown is for the Contractor's convenience only, and it shall not be used as a basis for claims for extra compensation.

25. CLEAN-UP AND MAINTENANCE

- 25.1 The work site shall be cleaned on a daily basis. Prior to stopping work for the day any open ditch lines or excavations shall be backfilled and tamped.
- 25.2 The Contractor shall be responsible for the daily maintenance of all excavations and disturbed areas. This maintenance shall include any measures necessary to control storm water run-off, sedimentation and excessive dust.
- 25.3 The Contractor shall take care not to damage any property, structures, facilities, objects, trees, shrubs, etc. within the project area that are designated on the Plans or by the Engineer as "To Remain", or any private or public property located outside the project area. Any vegetation accidentally damaged shall be treated or repaired by a nursery or other qualified person to protect the vegetation and return it to as near its original condition as possible.
- 25.4 Where the Contractor has performed work on or has made use of private property for storage of materials or for other purposes, he shall obtain a satisfactory release from the Owner of said property after completion of the work and the removal of all materials and equipment therefrom.

26. EROSION CONTROL

- 26.1 Where shown on the Plans or directed by the Engineer, the Contractor shall provide, establish, and maintain temporary measures as necessary to control erosion and prevent siltation/sedimentation run off from exiting the site. Erosion control measures shall be

installed prior to performing any other work, including clearing. Erosion control measures, at a minimum, are expected to include silt fencing and wattles to be provided in accordance with Section 665 of the latest edition of the ALDOTSSHC. **No separate payment will be made for erosion control** as it shall be included in the other major items of work.

27. MISCELLANEOUS

- 27.1 The Contractor shall abide by all local and state laws or ordinances to the extent that such requirements do not conflict with federal laws or regulations.
- 27.2 It is the intent of this Contract to provide a complete resurfacing job for the unit prices bid for the various items of work included in the Proposal. The cost of the miscellaneous work required to complete the job including but not limited to brooming, clipping the asphalt high spots, removing asphalt as necessary, etc., is to be included in the unit prices bid for various items in the Proposal.
- 27.3 All contractors should note the requirements of Paragraph 28 of the General Conditions and Sections 11 and 12 of the Supplemental General Conditions **concerning insurance requirements for this work, no exceptions will be taken.**
- 27.4 No work shall be initiated on this project until the Contractor has all equipment on the job that is required to clean up and properly maintain the site.

END OF SECTION



SOUTHERN

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ANDALUSIA, AL 36420

OFFICE 334.222.1849
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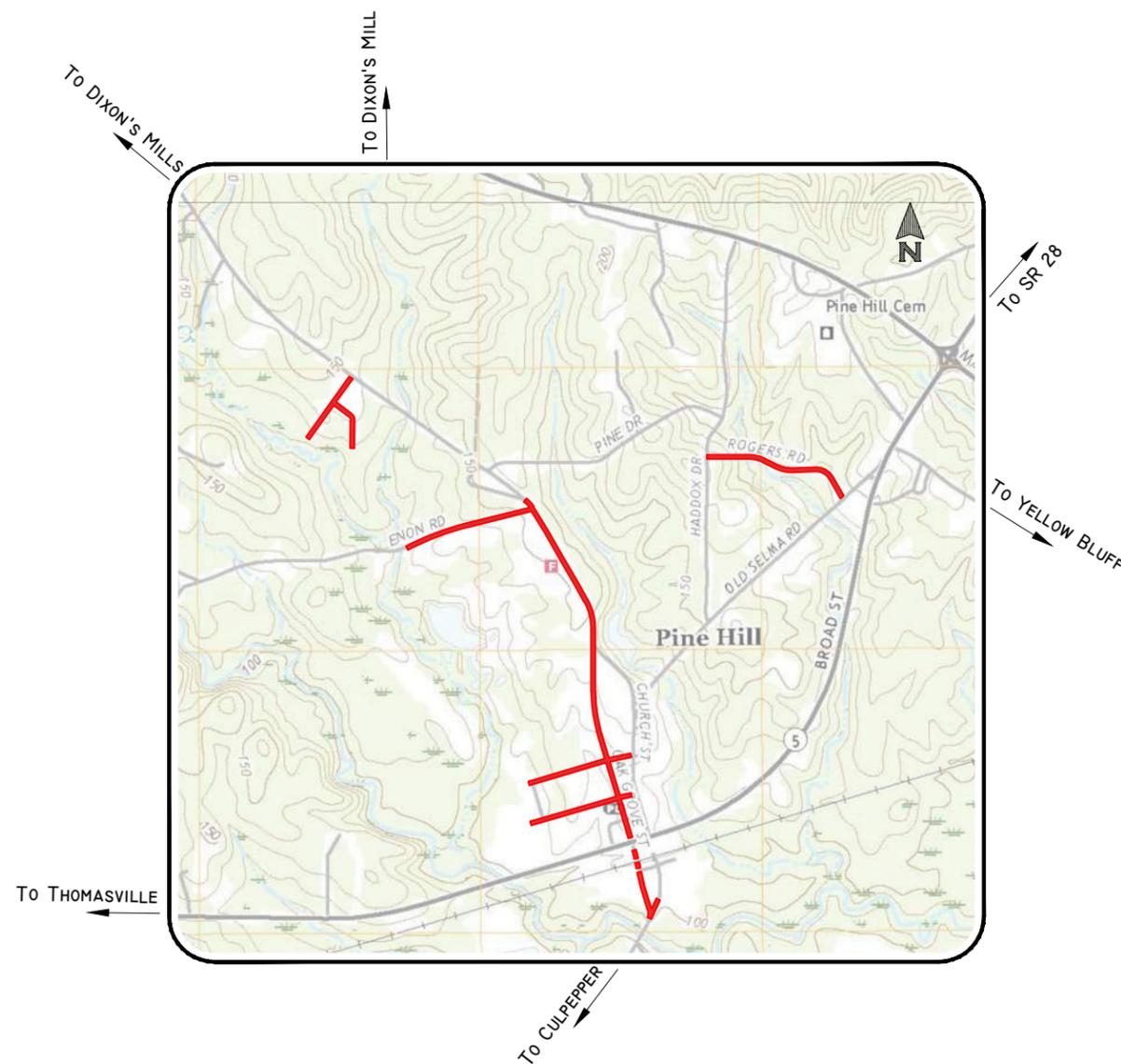
STREET RESURFACING OF OAK GROVE STREET, GREEN AVE, CEDAR AVE, ROGERS ROAD, ENON ROAD, BULLARD DRIVE and JOY LANE

REBUILD ALABAMA ACT ANNUAL GRANT PROGRAM TOWN OF PINE HILL, ALABAMA

OCTOBER 2025



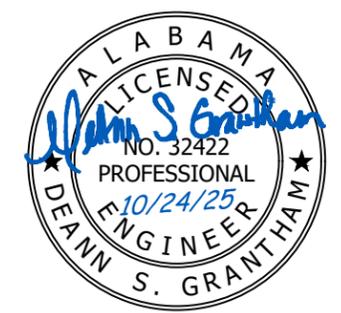
PROJECT LOCATION
PINE HILL, ALABAMA



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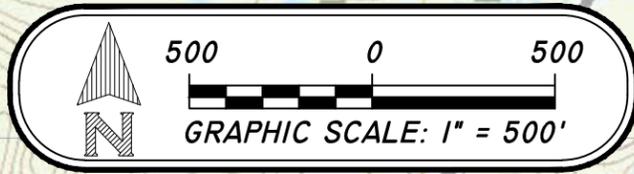
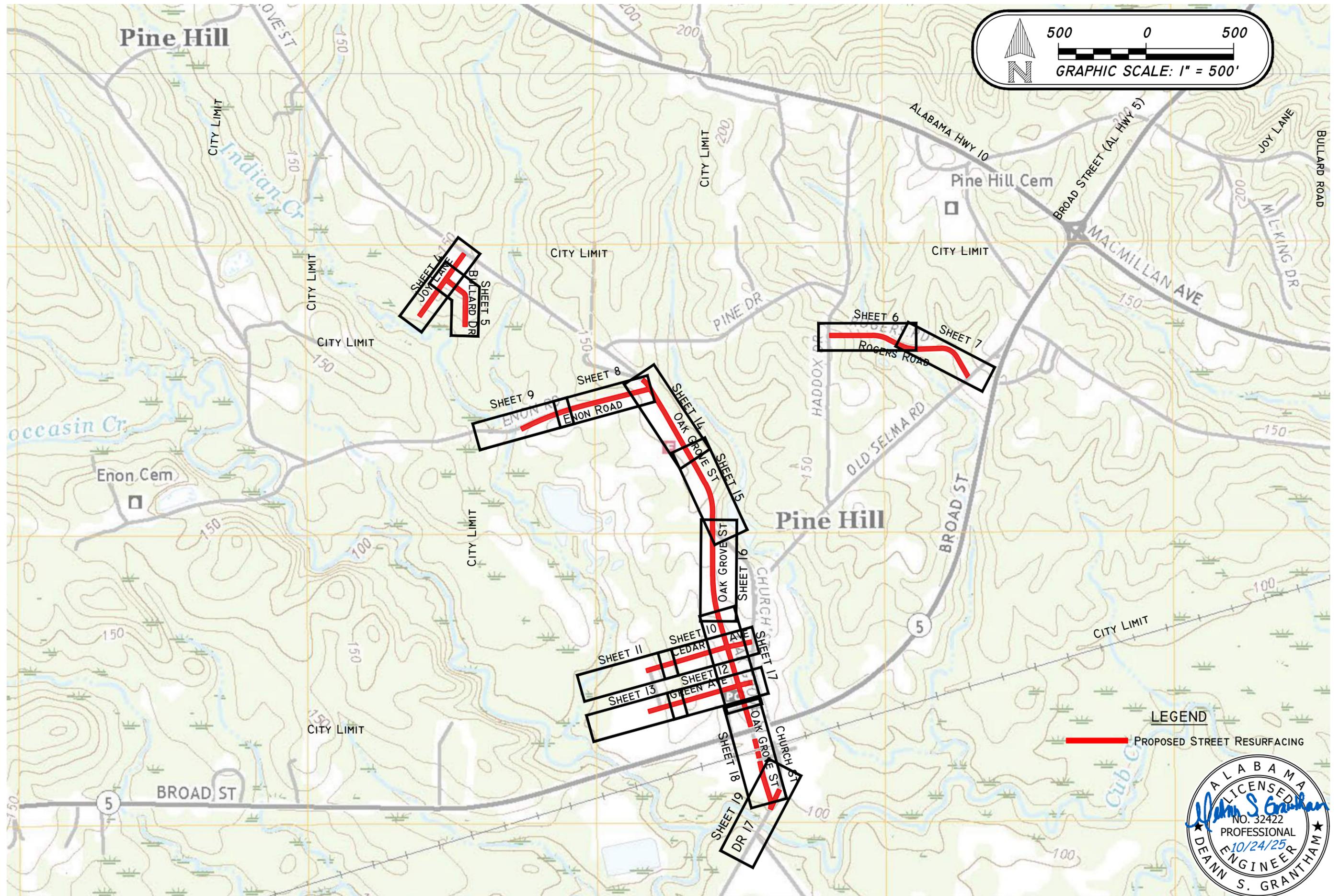
MAYOR
ROBERT GREEN
CITY CLERK
GWEN HARVELL

CITY COUNCIL
DONNIE L. CALHOUN
KOSS GREEN, JR.
GRACE GREENE
VICTORIA AGEE
STACEY CARTER SCOTT



TITLE SHEET
STREET RESURFACING OF
OAK GROVE STREET, GREEN AVE, CEDAR AVE, ROGERS ROAD
ENON ROAD, BULLARD DRIVE and JOY LANE
PINE HILL, ALABAMA

DESIGNED BY DWC
DRAWN BY DLS
DATE OCT 2025
CADD FILE PINE HILL RAA
PROJECT NO 2438501
REVISED *
SHEET 1 OF 21



LEGEND
 PROPOSED STREET RESURFACING

PROJECT NOTES

TRAFFIC CONTROL IN WORK AREAS

DURING CONSTRUCTION WORK ALONG STATE, COUNTY, AND CITY ROADS AND STREETS, THE CONTRACTOR SHALL COMPLY WITH THE APPLICABLE PROVISIONS OF PART VI OF THE FEDERAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION. THE ENGINEER, IN PERFORMANCE OF HIS DUTIES OUTLINED IN THESE SPECIFICATIONS DOES NOT GUARANTEE OR INSURE THE CONTRACTOR'S COMPLIANCE WITH THESE REGULATIONS.

EXISTING CONTROLS, UTILITIES AND UNDERGROUND OBSTRUCTIONS

DO NOT DISTURB SURVEY MARKERS THE CONTRACTOR WILL BE RESPONSIBLE TO GIVE SUFFICIENT NOTIFICATION TO THE UTILITY OWNERS THAT CONSTRUCTION WILL TAKE PLACE WHEREBY THE UTILITY OWNER WILL BE AFFORDED AN OPPORTUNITY TO ADEQUATELY MARK ON THE GROUND OR WITH SUFFICIENT MAPS THE UTILITY LOCATIONS. COORDINATION OF SUCH INFORMATION AND UTILITY LOCATIONS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

EROSION CONTROL

PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES ON THIS PROJECT THE CONTRACTOR SHALL INCORPORATE APPROPRIATE BEST MANAGEMENT PRACTICES AT THE PROJECT SITE INCLUDING, BUT NOT LIMITED TO THE FOLLOWING:

- A. SEDIMENTATION AND EROSION CONTROL MEASURES SHOULD BE IN PLACE PRIOR TO AND DURING ANY CONSTRUCTION ACTIVITY.
- B. PERMANENT HERBACEOUS VEGETATION IN DISTURBED AREAS SHOULD BE ESTABLISHED WITHIN 13 DAYS OF GROUND DISTURBING ACTIVITIES TO PROVIDE LONG TERM EROSION CONTROL.
- C. EXCAVATED MATERIAL SHOULD BE STOCKPILED AWAY FROM STREAMS, DITCHES AND OTHER STORMWATER CONVEYING SYSTEMS.

SITE MAINTENANCE AND CLEAN-UP

THE WORK SITE SHALL BE CLEANED UP ON DAILY BASIS. PRIOR TO STOPPING WORK FOR THE DAY, THE DITCH LINES SHALL BE BACKFILLED AND TAMPED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DAILY MAINTENANCE OF ALL DITCH LINES AND STREET CROSSINGS ON PAVED STREETS. ROADS WILL BE REPAIRED WITH SURFACE AGGREGATE UNTIL THE PAVEMENT CAN BE REPLACED. THE CONTRACTOR WILL BE RESPONSIBLE FOR DRESSING UP ANY AREAS OF THE DITCH ON WHICH ANY SETTLEMENT OCCURS.

COMPACTION TESTING

COMPACTION TESTING SHALL BE PERFORMED BY THE ENGINEER.

SELECT BACKFILL

SELECT BACKFILL SHALL BE FROM A SOURCE APPROVED BY THE ENGINEER, AND SHALL MEET THE REQUIREMENTS OF THE APPLICABLE PORTIONS OF SECTION 210 OF THE ALDOT SSHC, LATEST EDITION.

SURFACE AGGREGATE

SURFACE AGGREGATE SHALL MEET THE REQUIREMENTS OF TYPE B, SECTION 825 OF THE ALDOT SSHC, LATEST EDITION.

SHOULDER CLIPPING

CONTRACTOR SHALL BE REQUIRED TO CLIP ALL EXISTING SHOULDERS ON EACH ROADWAY. THIS WORK SHALL BE A SUBSIDIARY OBLIGATION OF PLANT MIX (PER TON)

GRASSING AND RESTORATION

GRASSING (SOD OR SEED) SHALL BE PERFORMED WITHIN 15 DAYS, OR AS APPROVED BY THE ENGINEER. THE GRASS VARIETY (SOD OR SEED) USED SHALL BE THE SAME AS THE GRASS WHICH SURROUNDS THE DISTURBED AREA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING THE SOD SUFFICIENTLY TO KEEP IT IN A LIVING AND GROWING CONDITION UNTIL ALL WORK HAS BEEN COMPLETED AND ACCEPTED.

RESURFACING, WIDENING, & LEVELING

IN ALL AREAS WHERE TACK COAT IS REQUIRED, IT SHALL BE A SUBSIDIARY COST OF PLANT MIX (PER TON). LEVELING SHALL BE REQUIRED FOR THE ENTIRE ROADWAY IN THE PORTION BEING RESURFACED. LEVELING SHALL BE REQUIRED AT THE QUARTER POINT ON EACH SIDE OF THE ROADWAY, AND BE CARRIED OUT UNTIL THE E.O.P AFTER THE NOTCH OUT WIDENING IS COMPLETE.

TREATMENT OF VEGETATION PRIOR TO APPLYING ASPHALT

CONTRACTOR SHALL APPLY PRIMITOL TO ANY AREAS THAT HAD GRASS/WEEDS BEFORE CLEANING/PREPARING SURFACES FOR RESURFACING (RATE 25 OZ OF SOLUTION PER 1000 S.F). COST SHALL BE A SUBSIDIARY OF PLANT MIX (PER TON).

MACHINE GRADED SHOULDERS

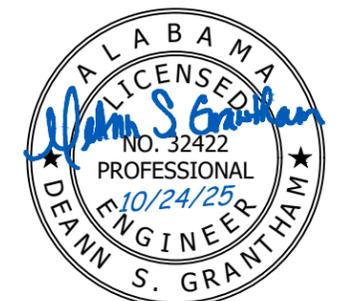
ALL SHOULDERS ARE REQUIRED TO BE ROTARY TILLED BEFORE MACHINE GRADED THROUGHOUT THE ENTIRE PROJECT.

FOUNDATION BACKFILL

FOUNDATION BACKFILL IS REQUIRED FOR ONLY PIPES THAT ARE UNDERNEATH THE ROADWAY. ALL FOUNDATION BACKFILL REQUIRED TO INSTALL PIPE OR PIPE END TREATMENTS SHALL #57 CRUSHED LIMESTONE, AND SHALL ALSO BE A SUBSIDIARY COST OF THE PIPE OR PIPE END TREATMENT PER LINEAR FOOT OR EACH.

ROADWAY SIGN & MAILBOX RELOCATION

ANY REQUIRED ROADWAY SIGN & MAILBOX RELOCATION WILL BE COMPLETED BY THE CONTRACTOR.



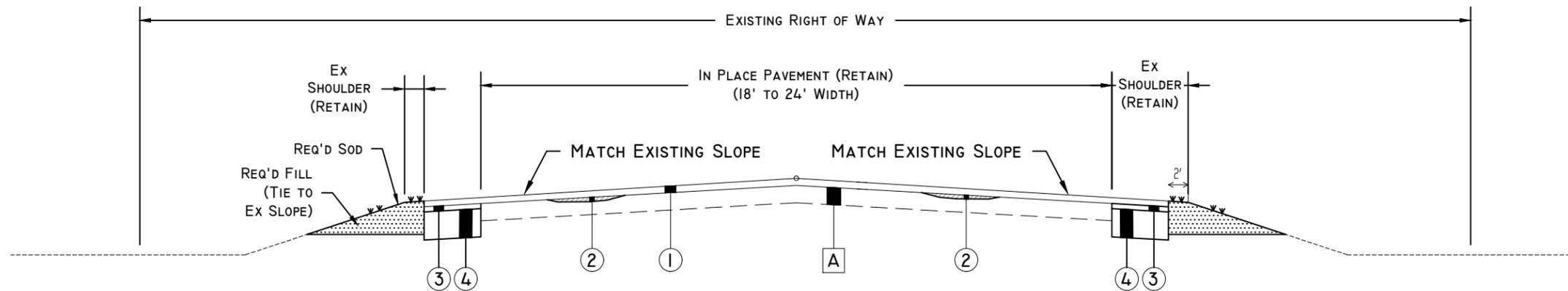
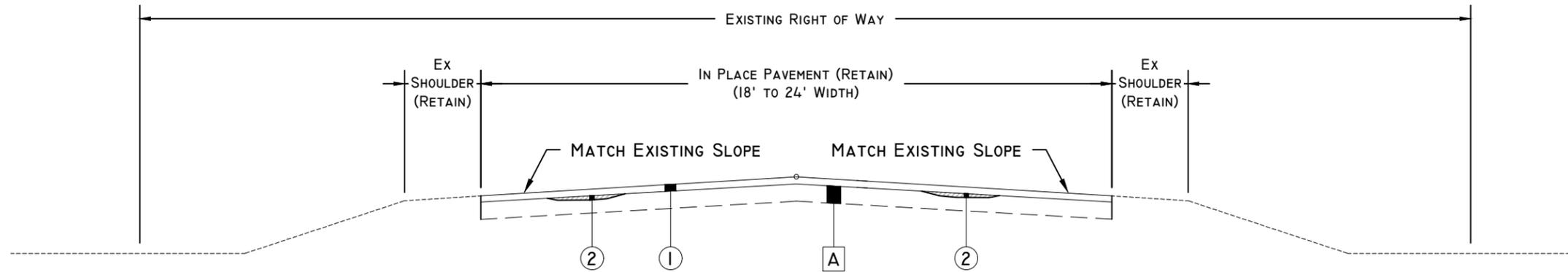
PROJECT NOTES
 STREET RESURFACING OF
 OAK GROVE STREET, GREEN AVE, CEDAR AVE,
 DUN MILL ROAD, BULLARD ROAD and JOY LANE
 PINE HILL, ALABAMA

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TYPICAL SECTIONS

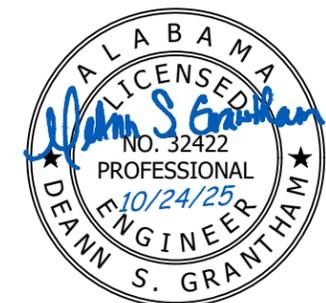
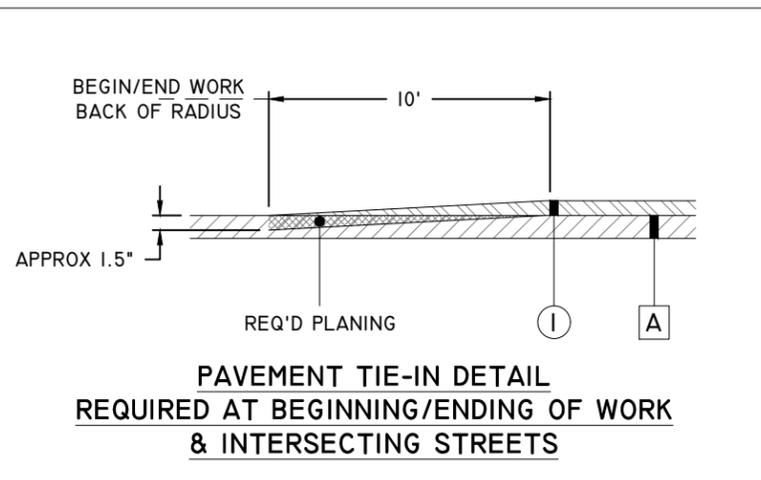
STREET RESURFACING

NOT TO SCALE



LEGEND

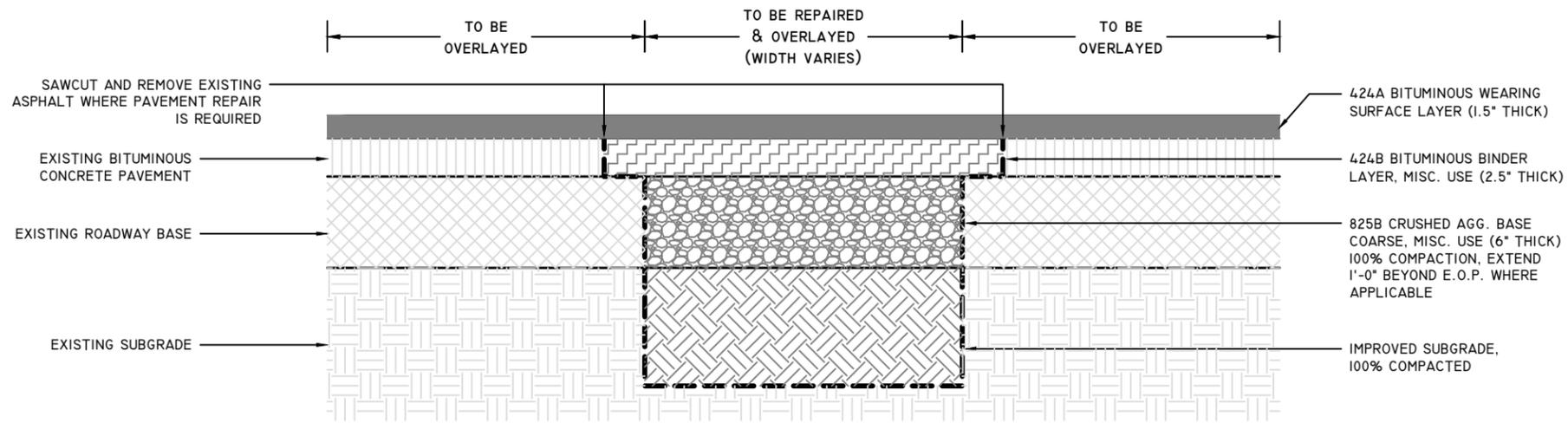
- A** IN PLACE BITUMINOUS CONCRETE PAVEMENT (RETAIN: MILL AS DIRECTED)
- 1** REQ'D 424A SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APP. 200 LB/SY) (1.5" THICK)
- 2** REQ'D LEVELING AS DIRECTED BY ENGINEER.
- 3** REQ'D 424B SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, WIDENING, 3/4" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APP. 165 LB/SY) (1.5" THICK)
- 4** REQ'D 825B CRUSHED AGGREGATE BASE MATERIAL (6" THICK)



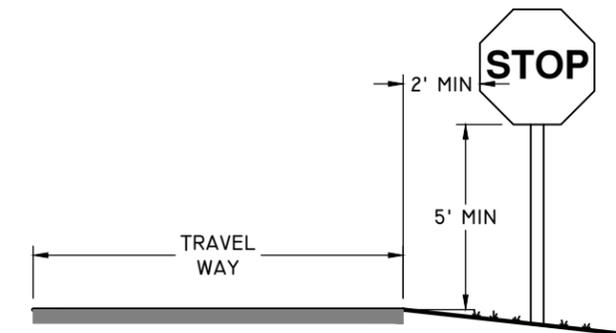
MISCELLANEOUS DETAILS

STREET RESURFACING

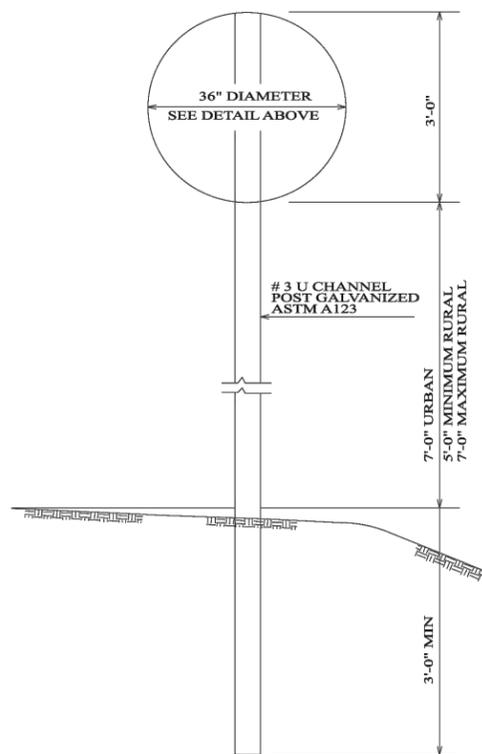
NOT TO SCALE



PAVEMENT REPLACEMENT DETAIL

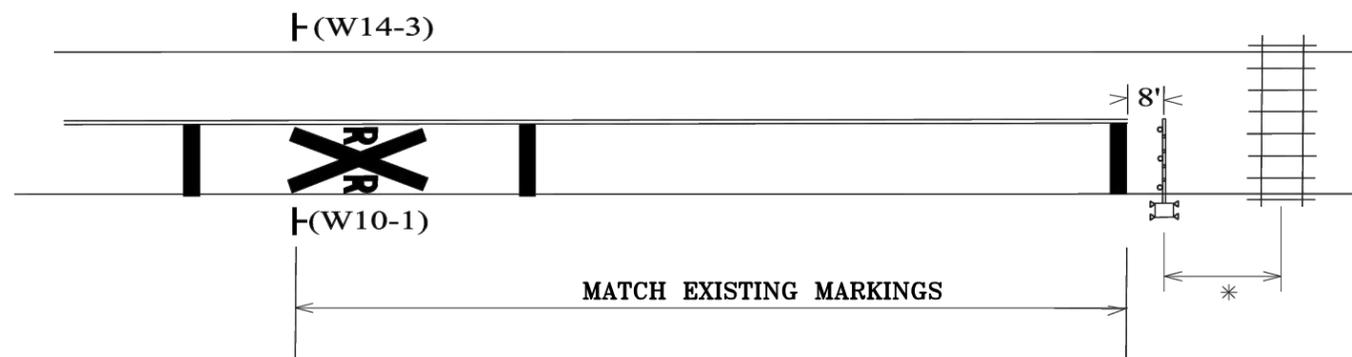


SIGN PLACEMENT DETAIL

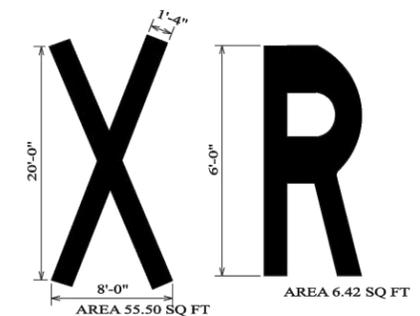


RAILROAD ADVANCE WARNING SIGN (PASSIVE)

ACTIVE CROSSING (LIGHTS, BELLS, AND GATES)

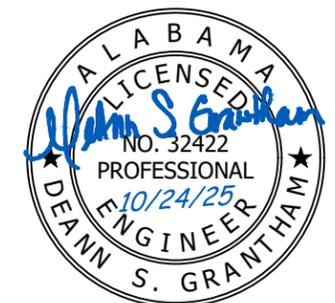


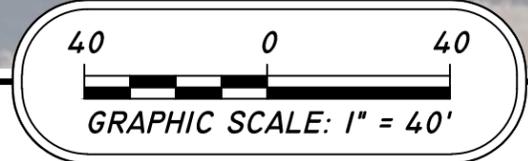
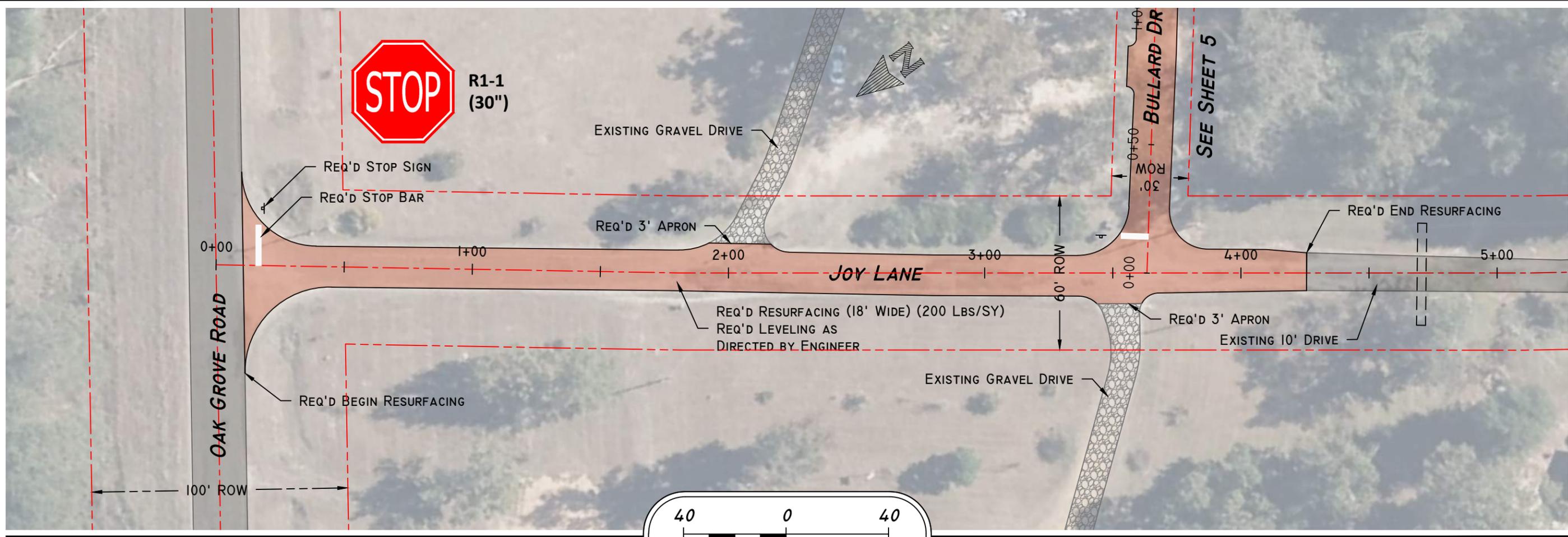
ACTIVE CROSSING (LIGHTS AND BELLS) WITH AND/OR WITHOUT CANTILEVER ASSEMBLY



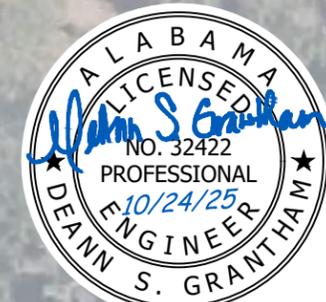
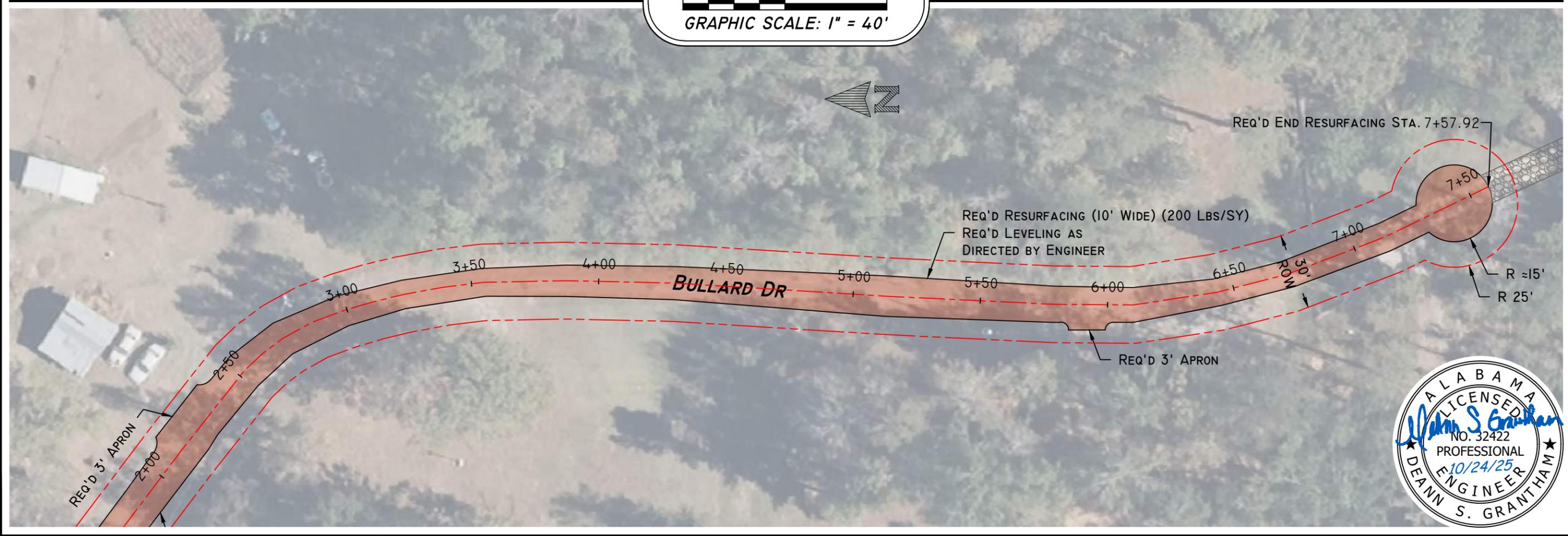
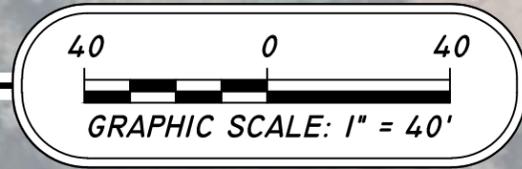
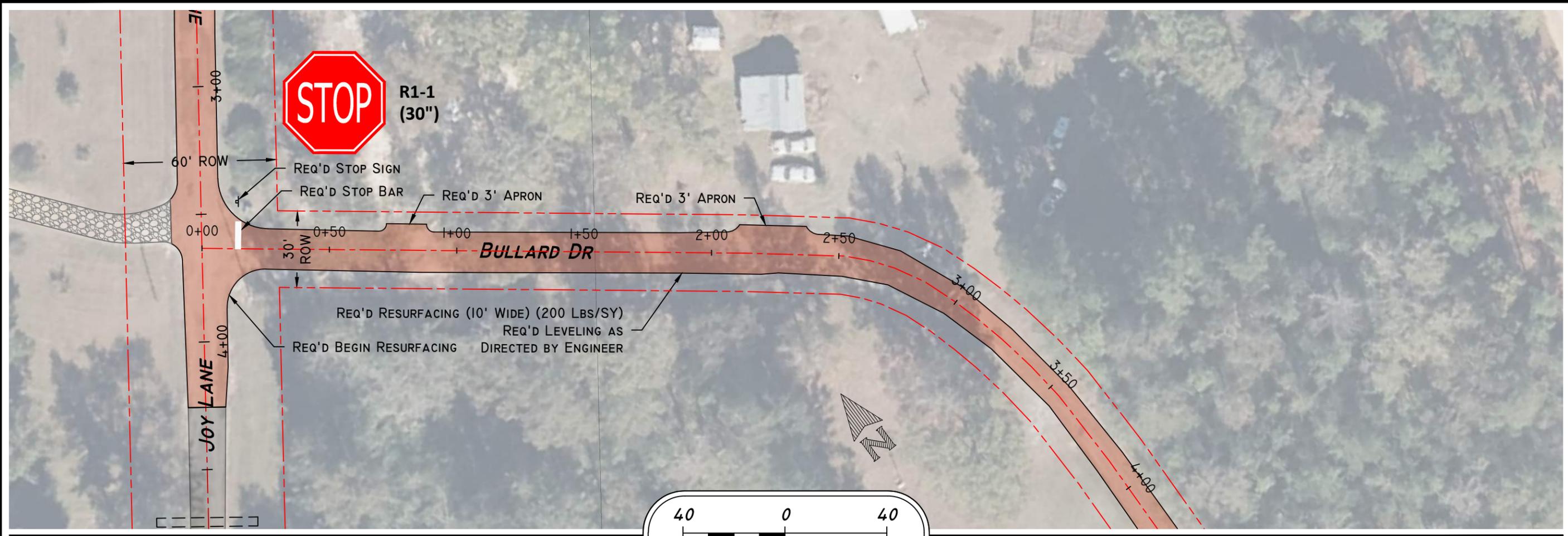
HIGHWAY RRX PAVEMENT MARKING LEGEND SYMBOLS

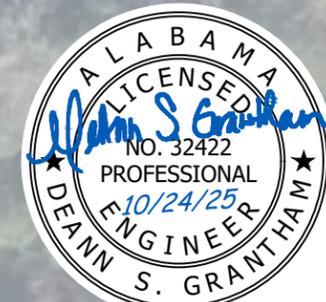
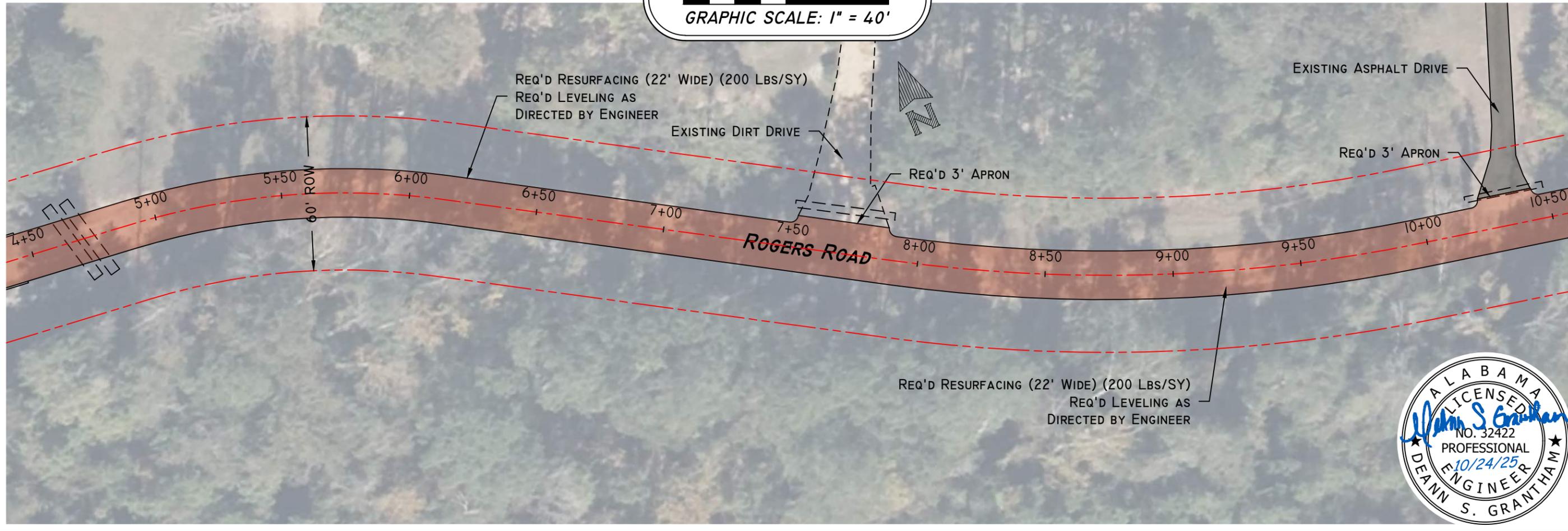
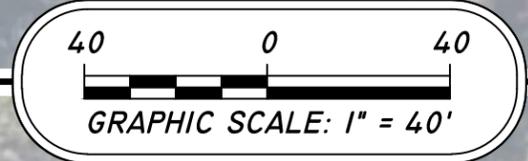
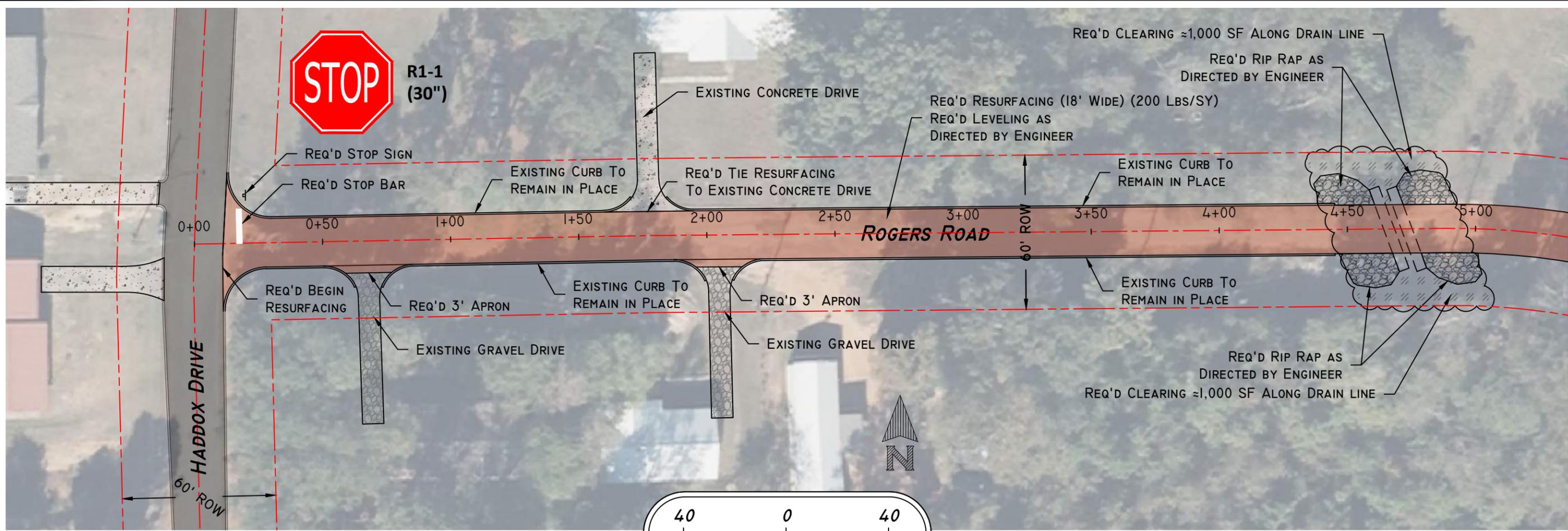
NOTE: SEE ALDOT STANDARD DRAWINGS SHS-9 & SHS-16 FOR ADDITIONAL DETAILS REGARDING RRX CROSSING RELATED SIGN SIZES, DIMENSIONS AND COLORS

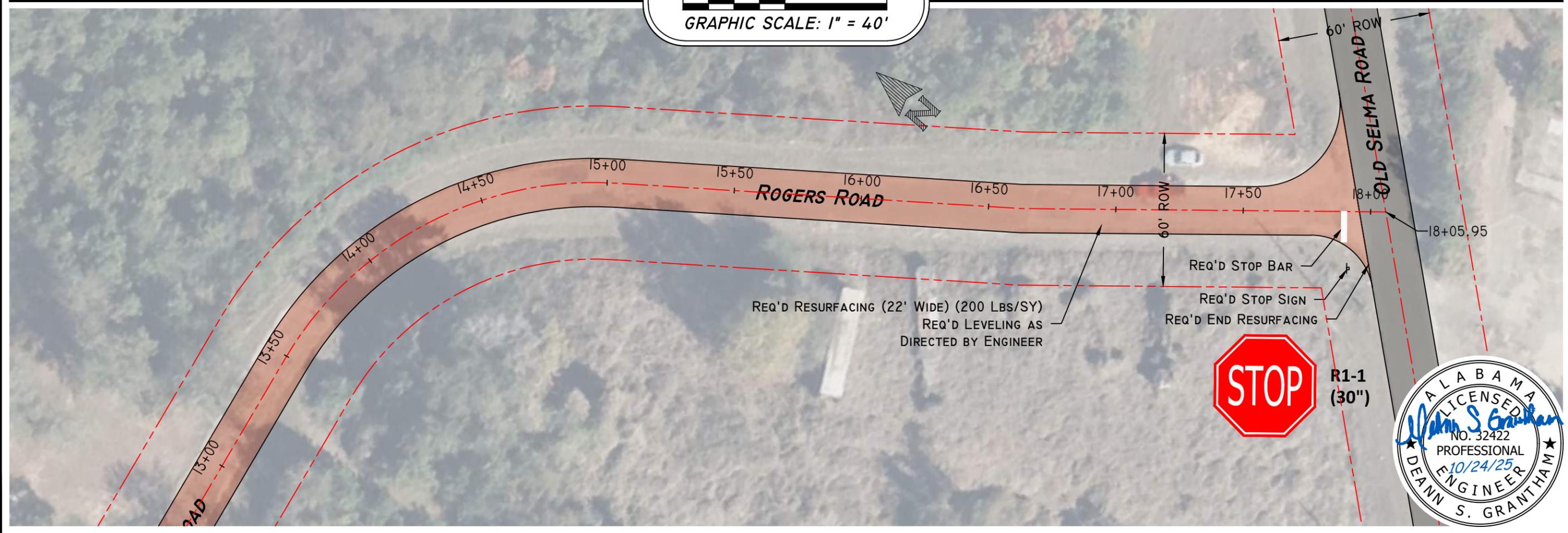
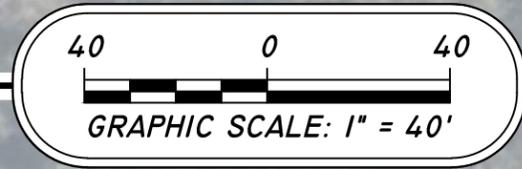
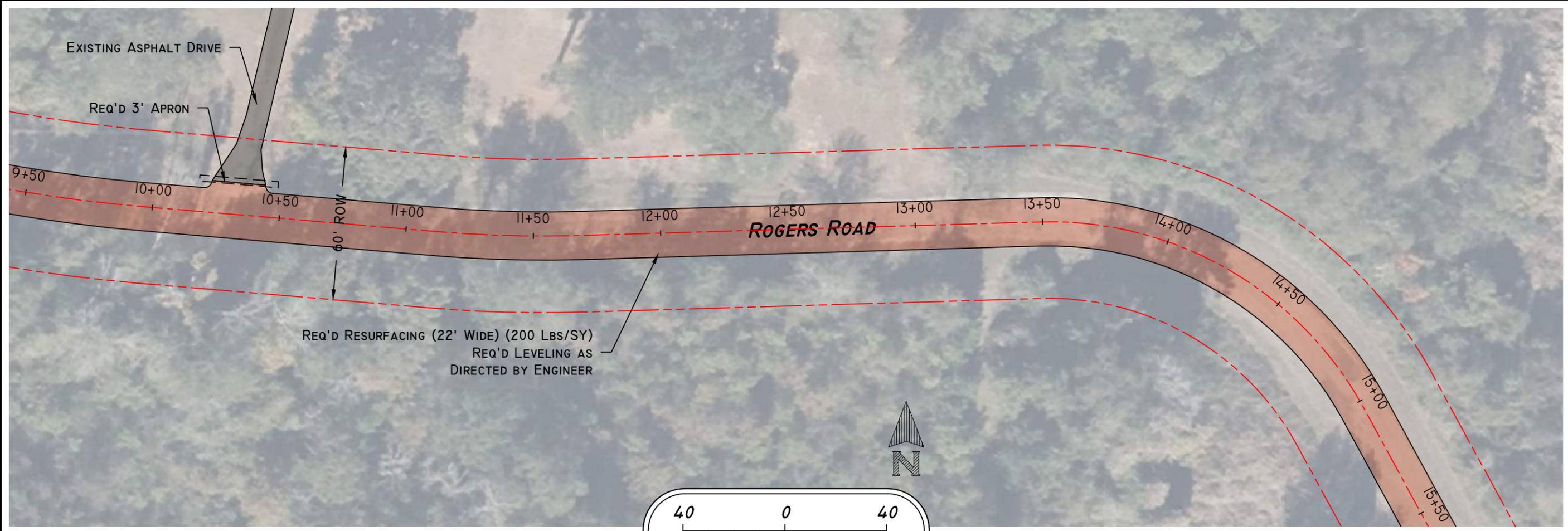


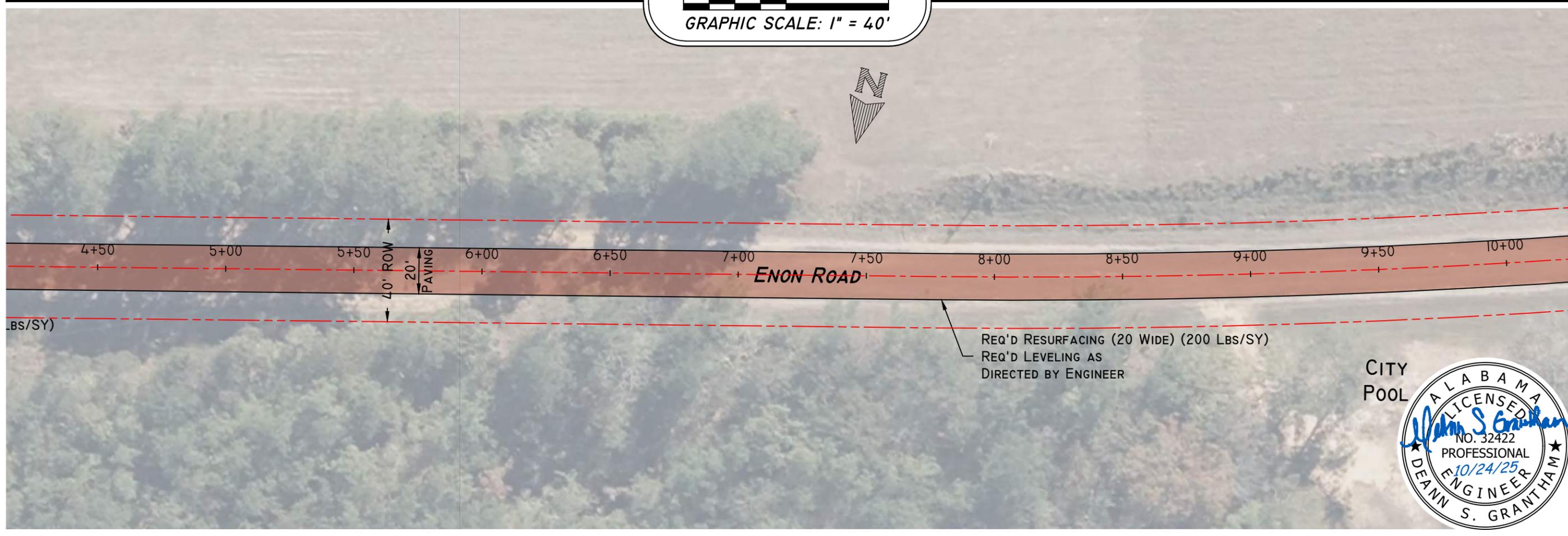
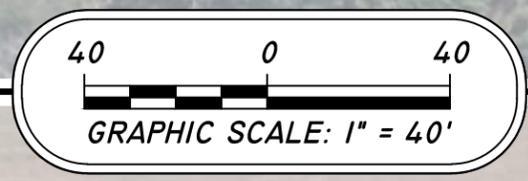
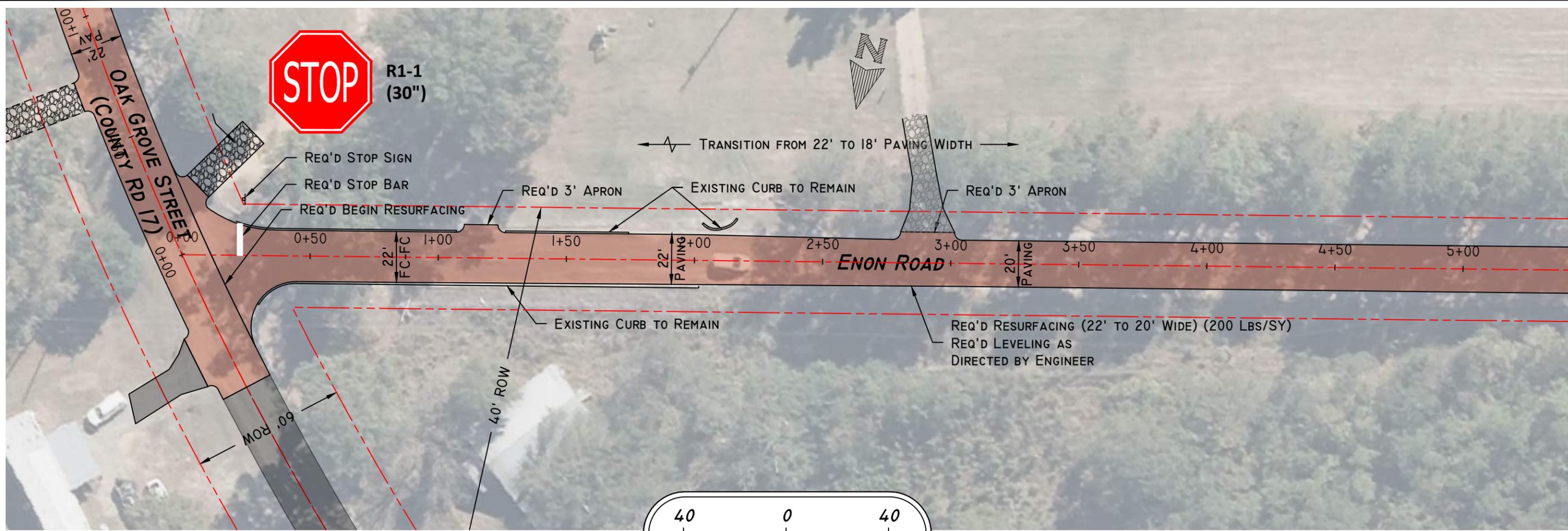


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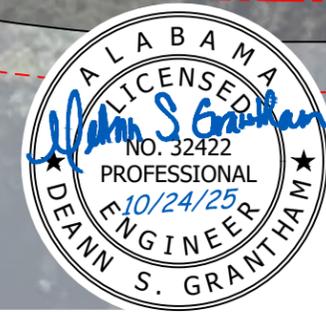
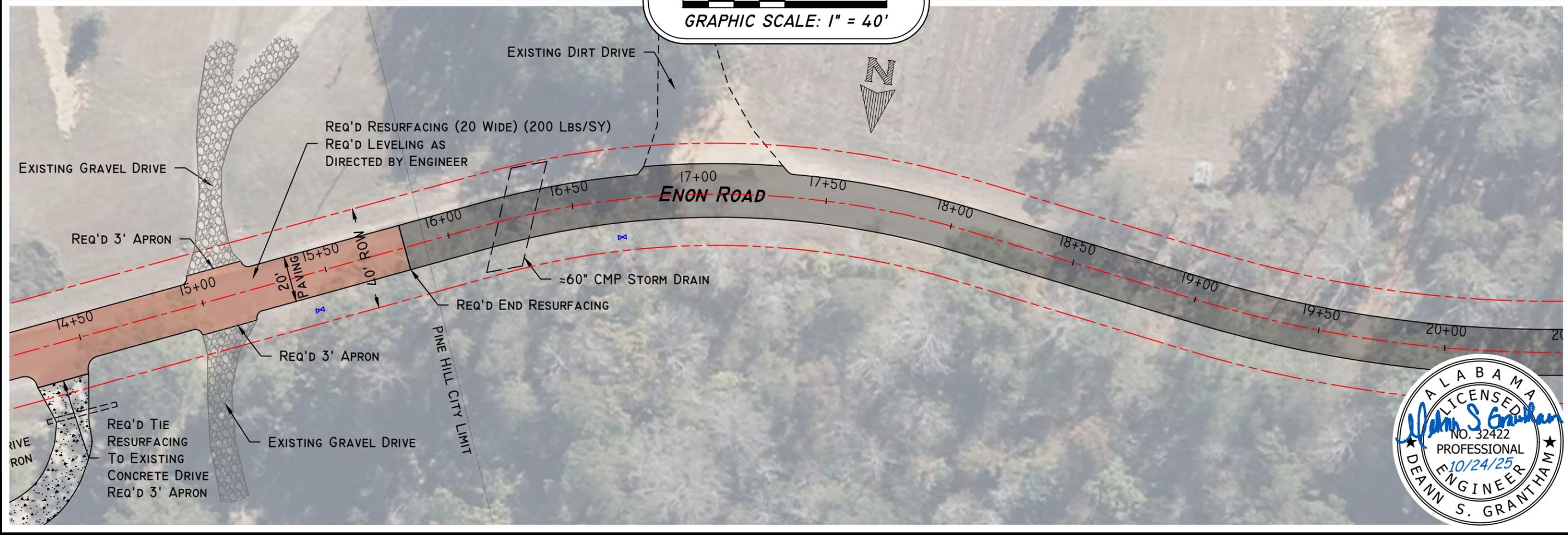
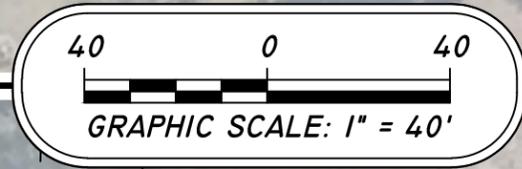
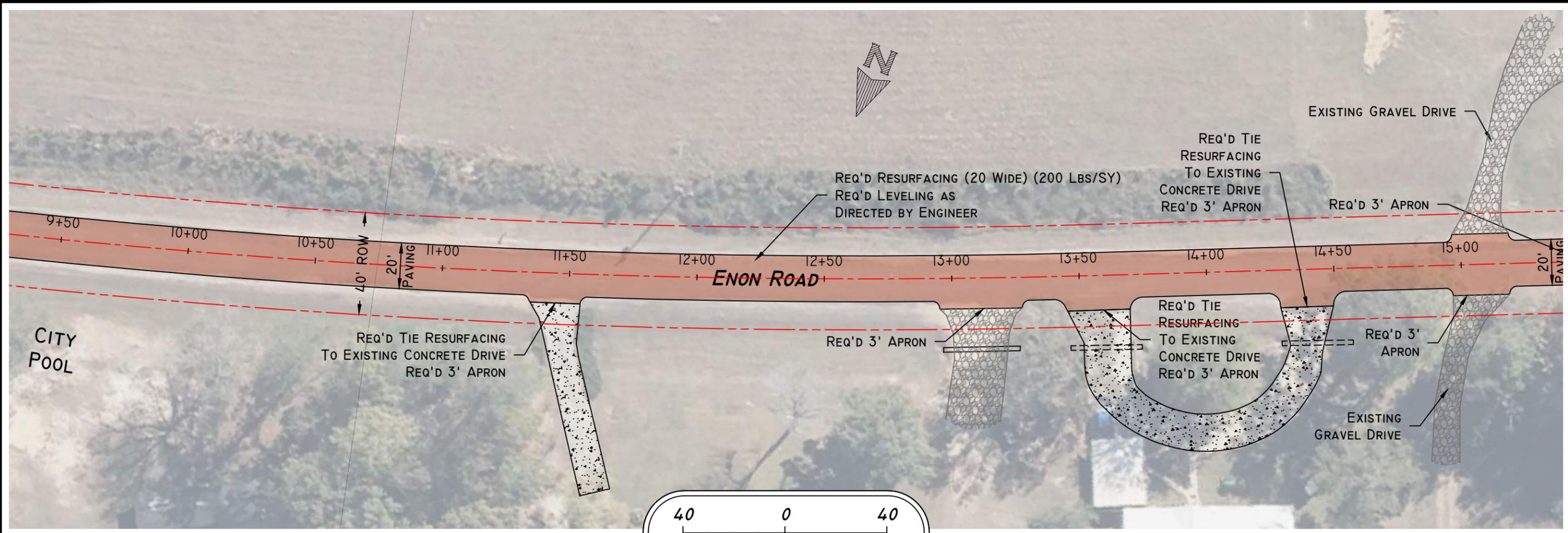




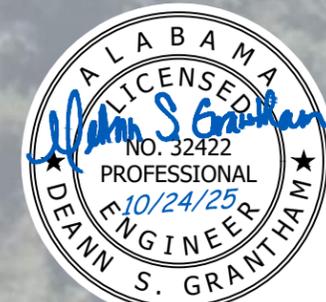
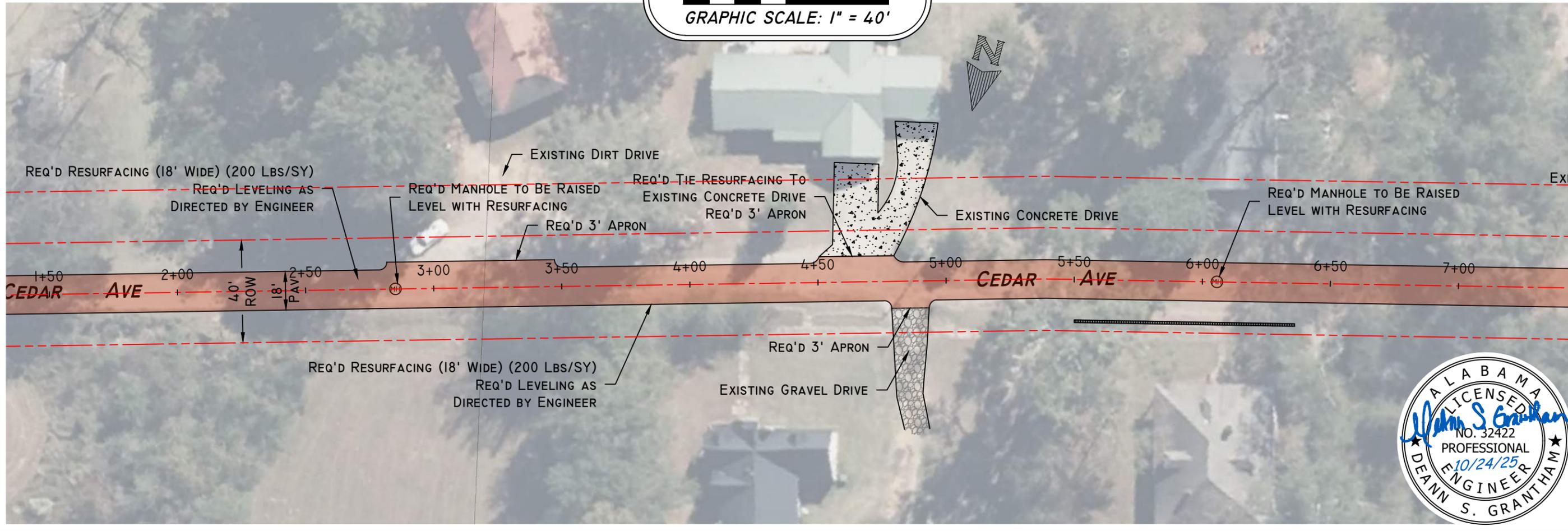
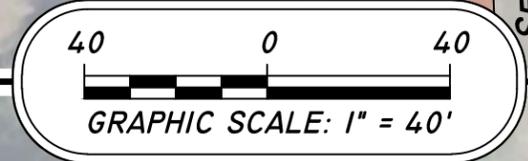
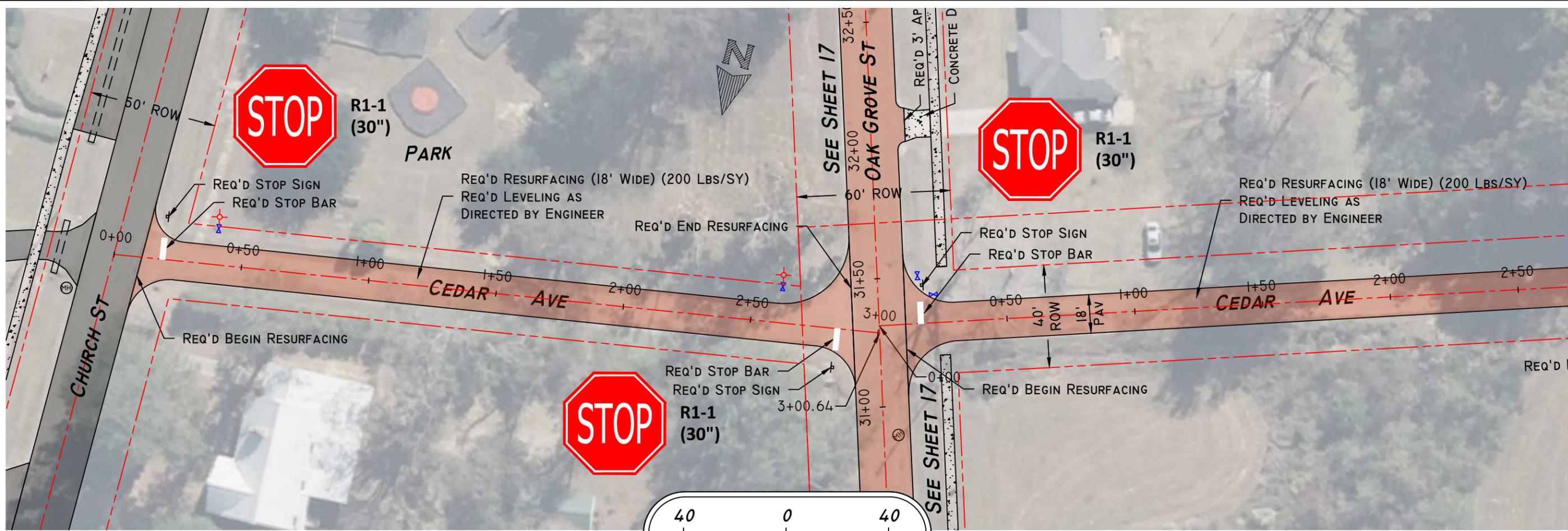


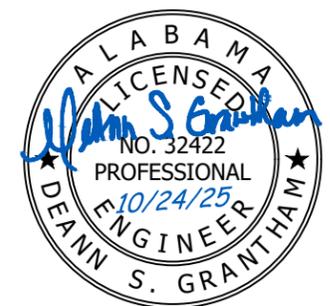
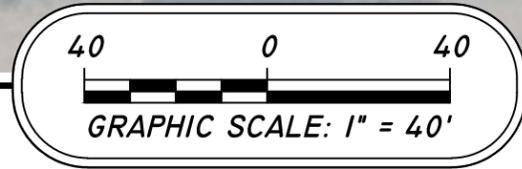
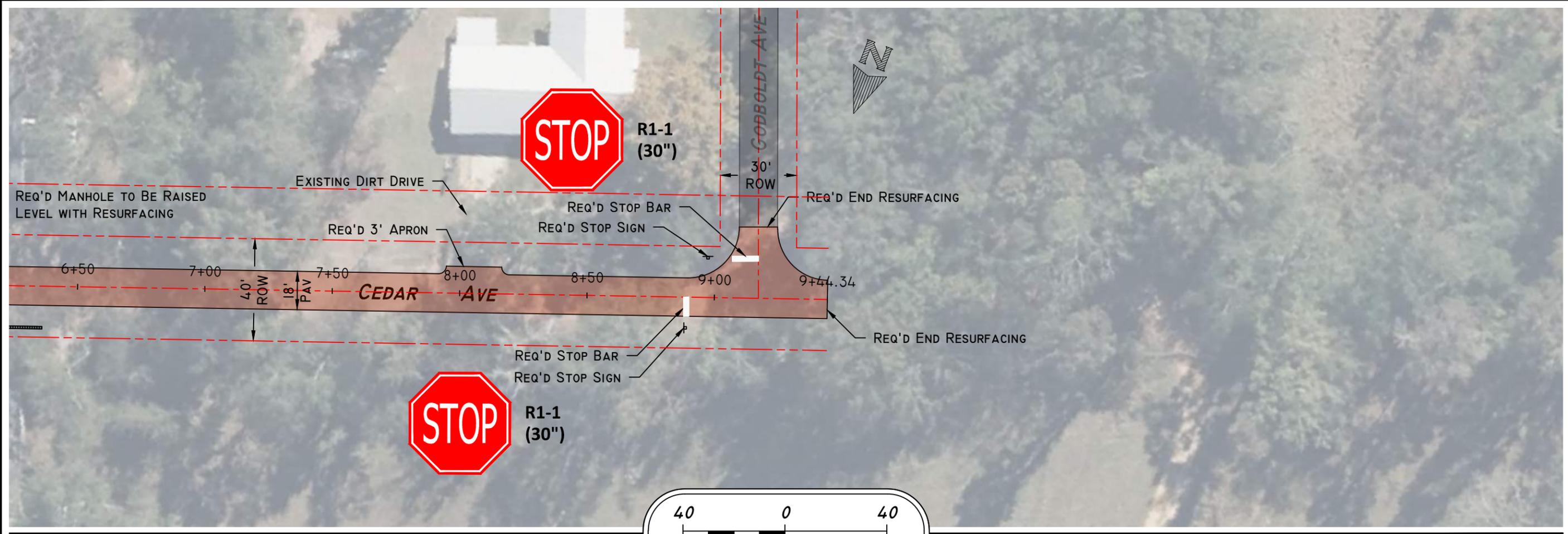


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POOL

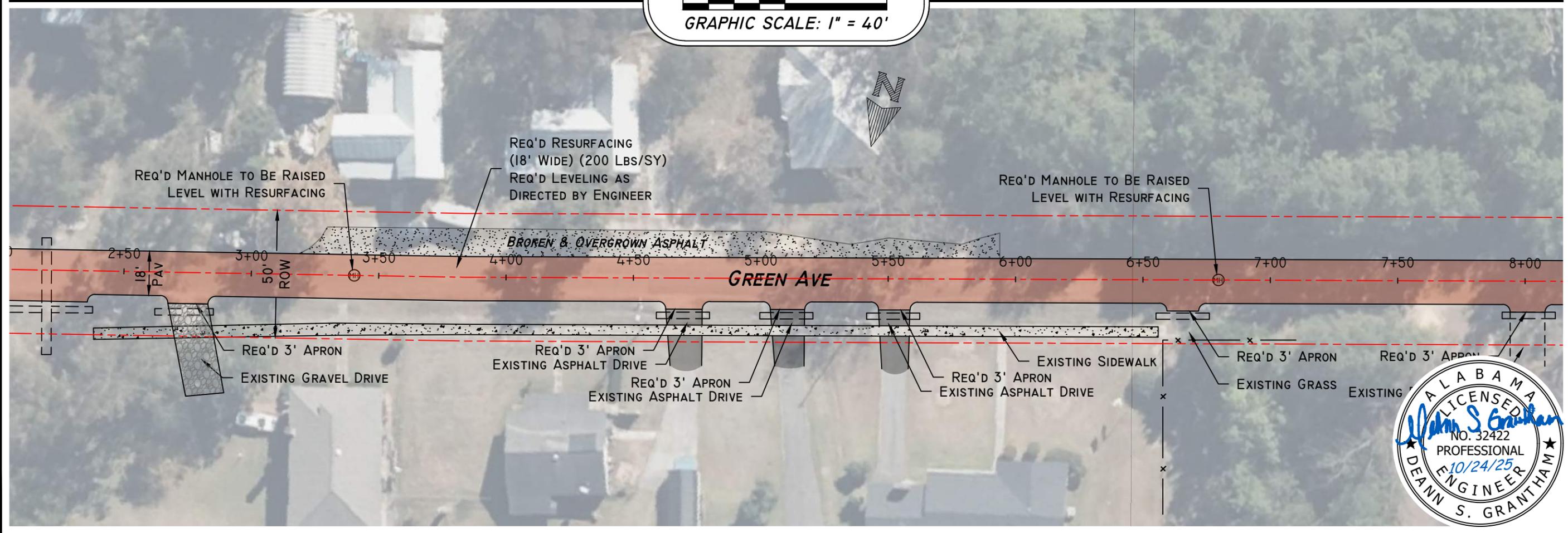
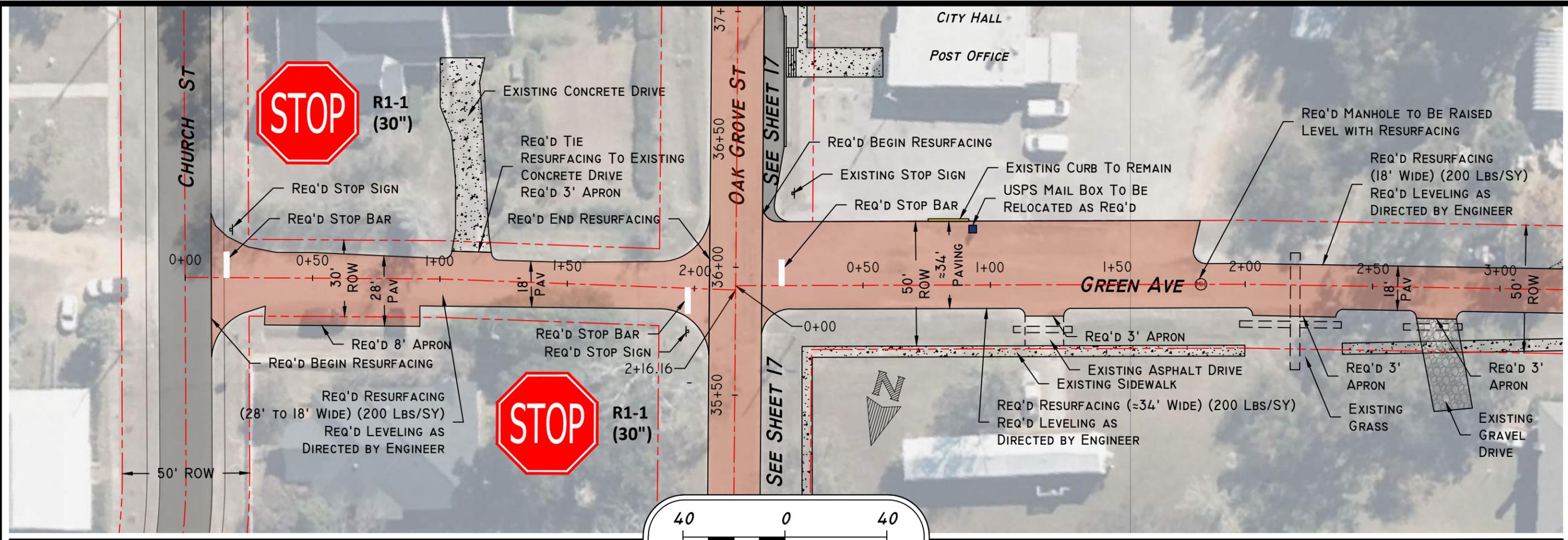


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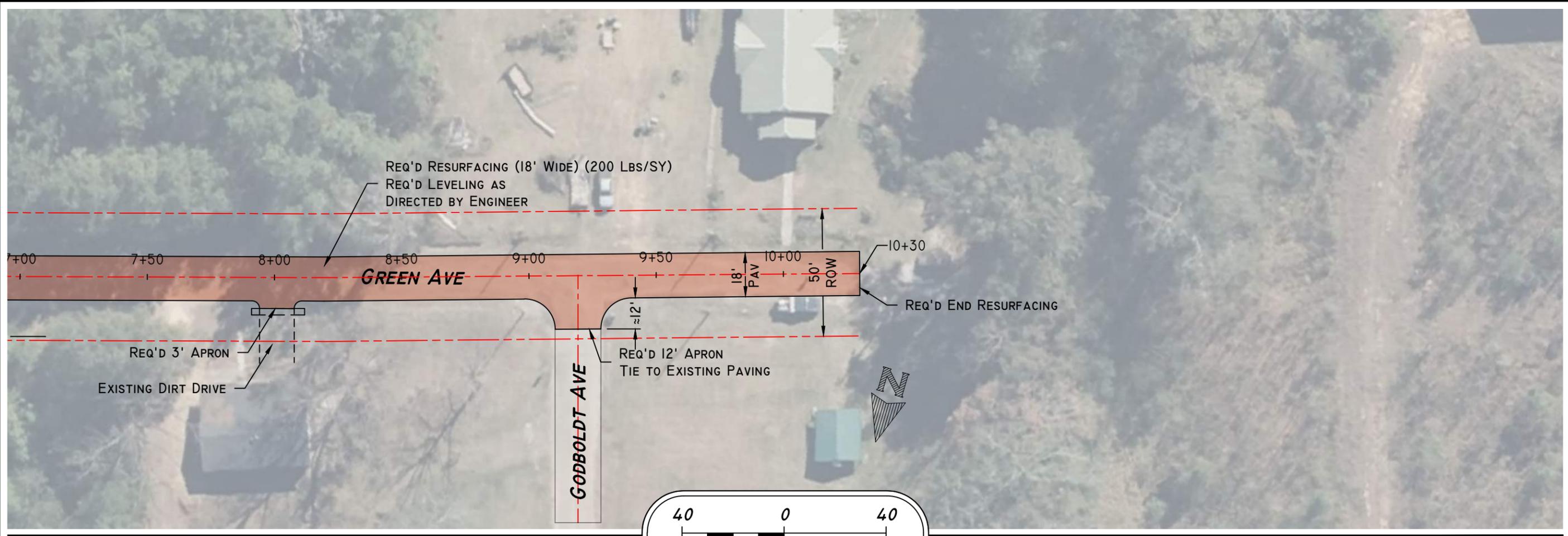


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PROJECT NO	2438501
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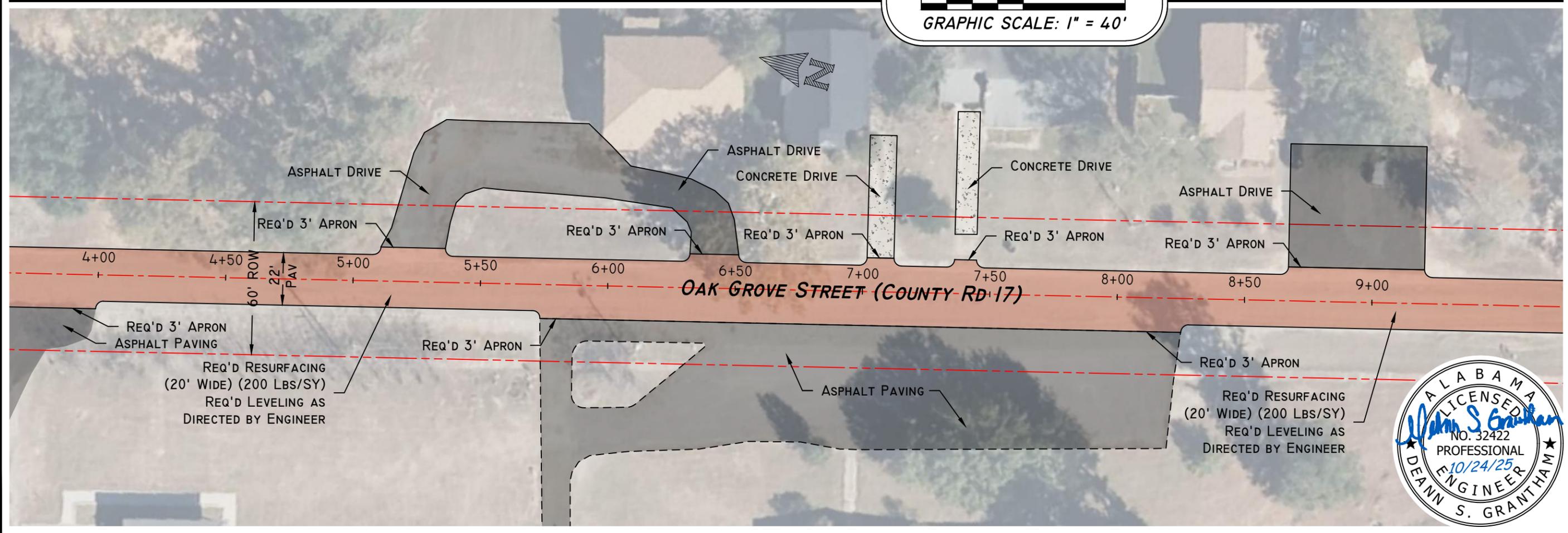
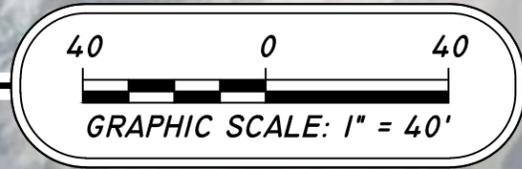
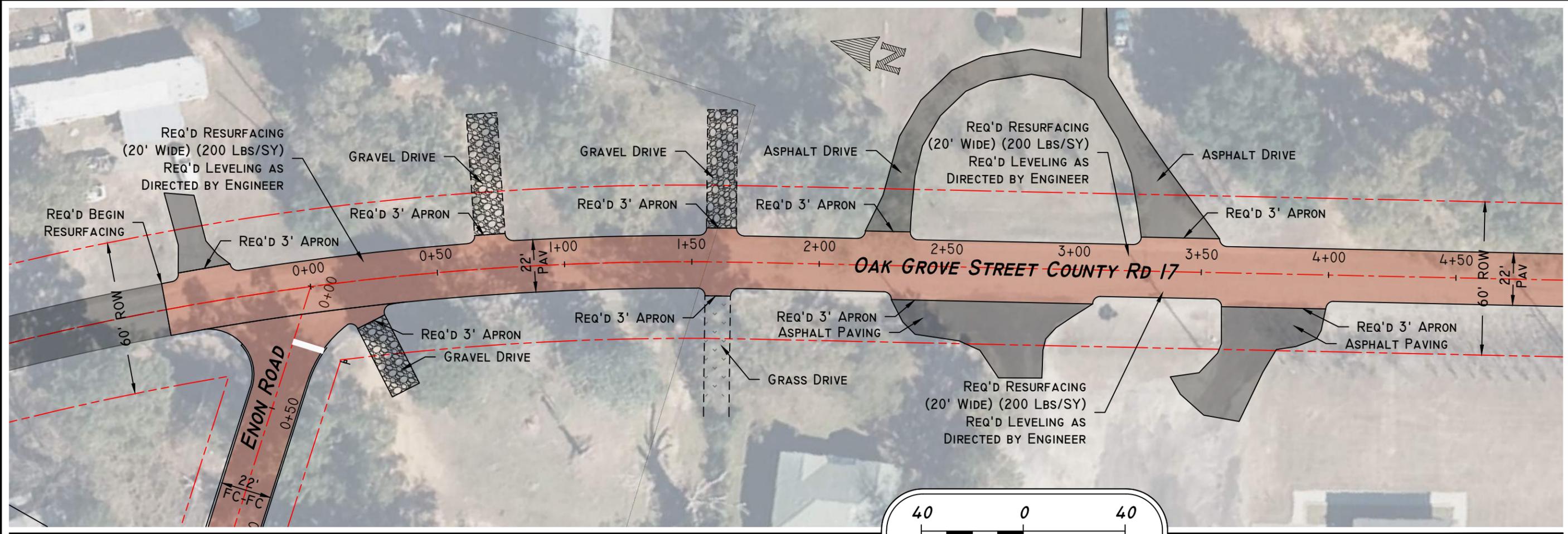


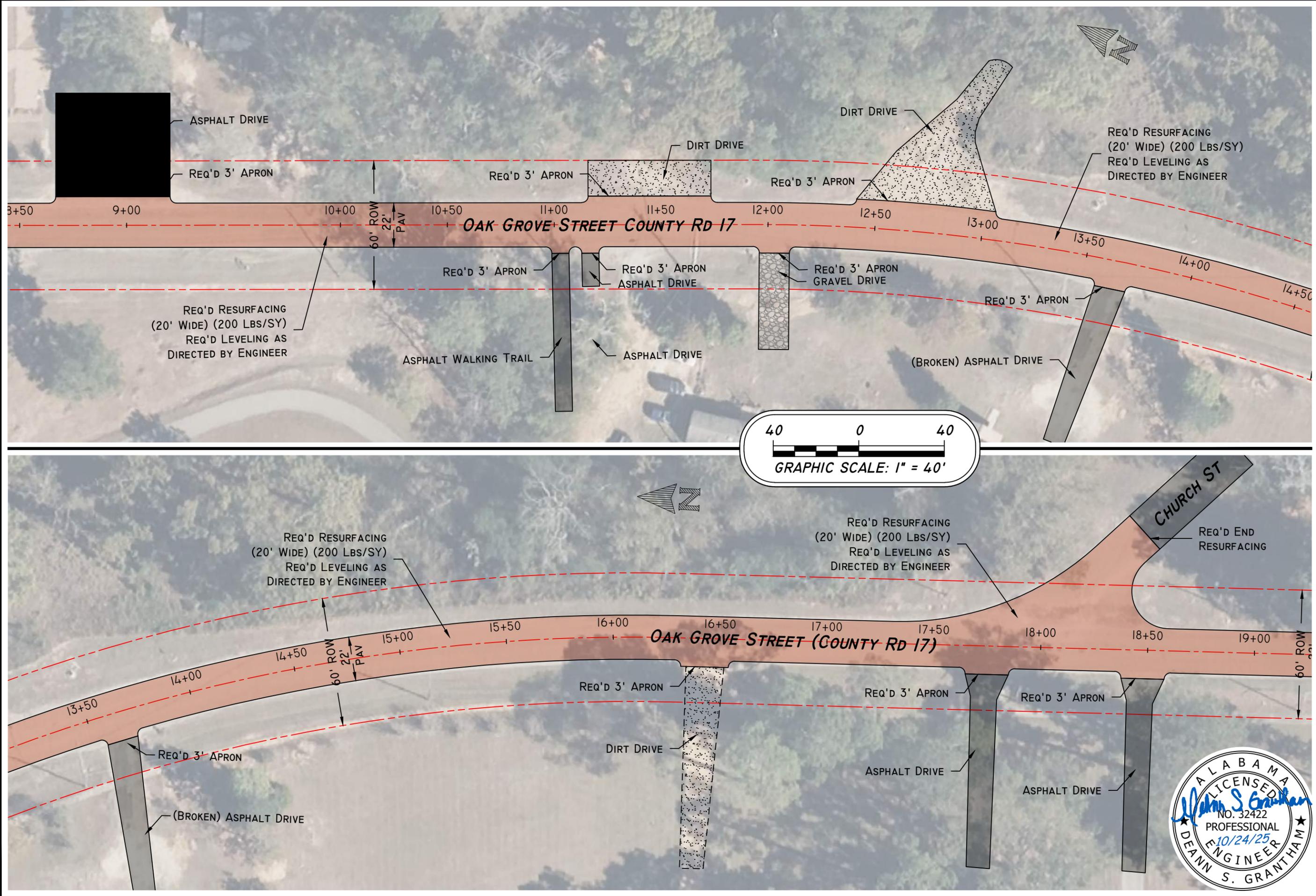
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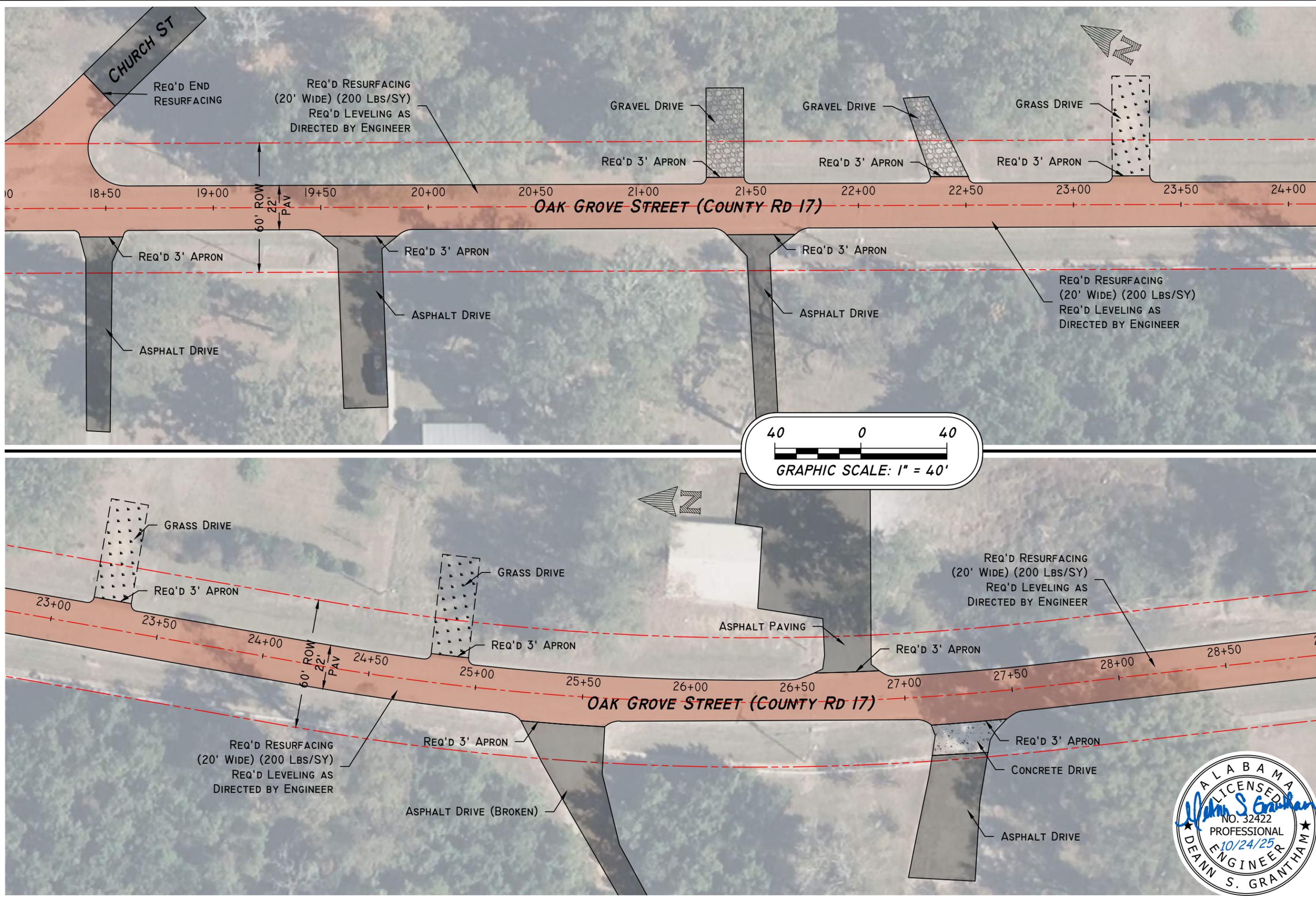




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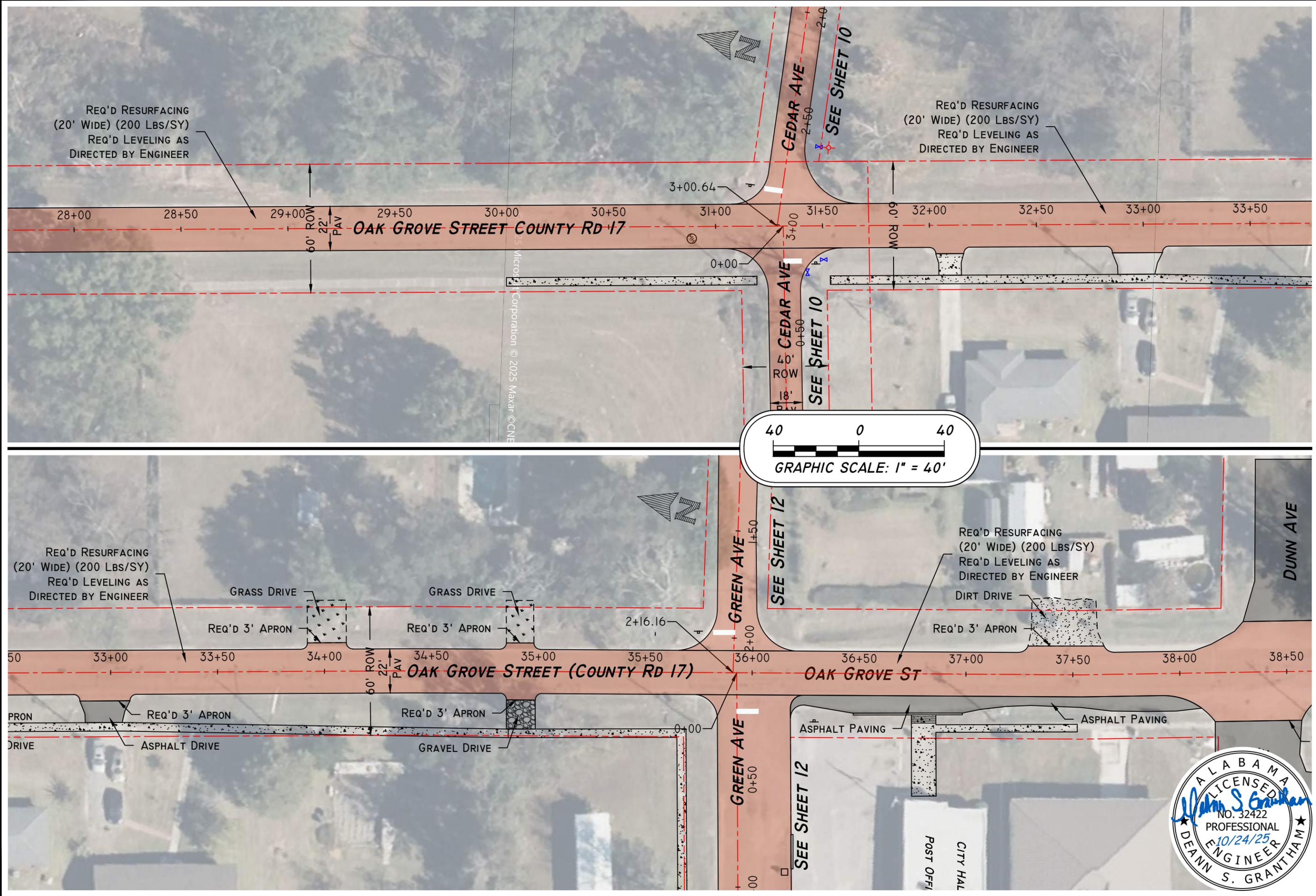




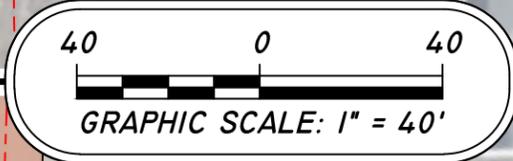


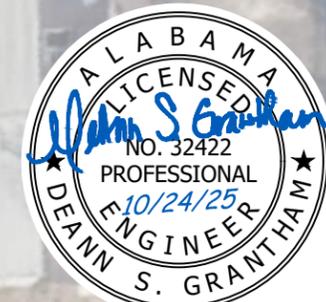
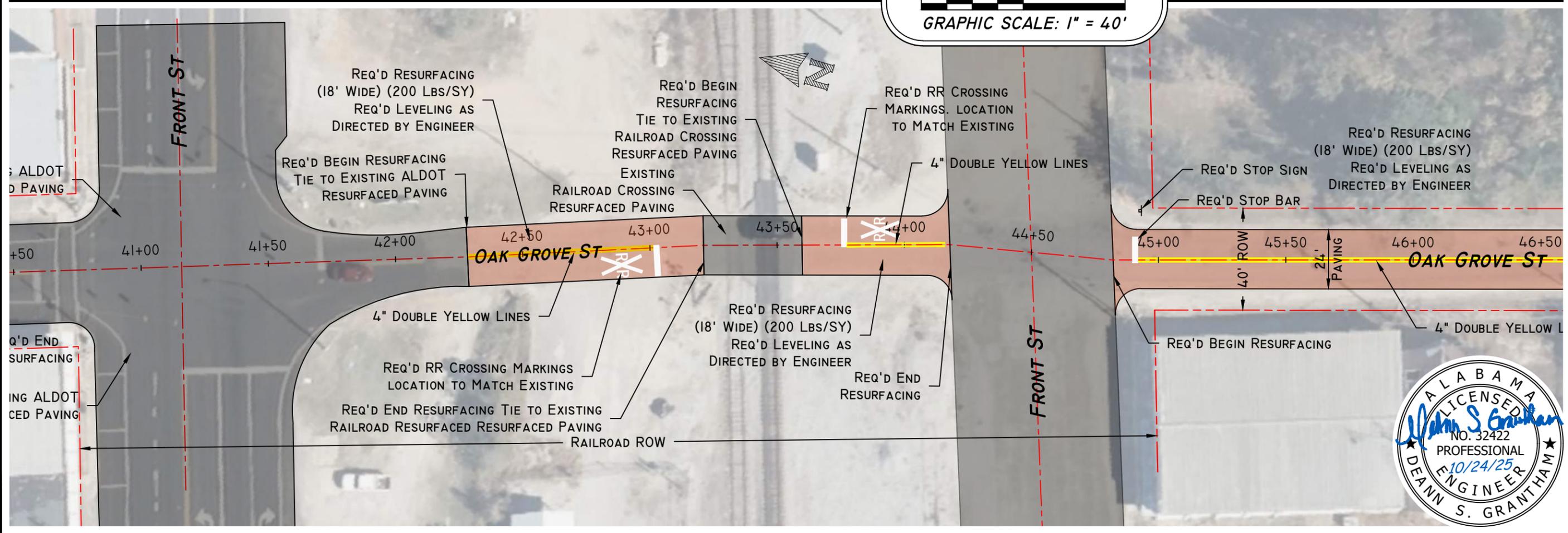
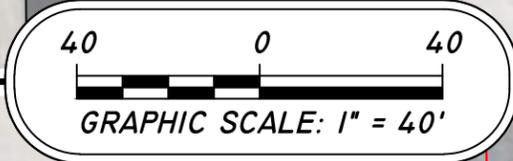
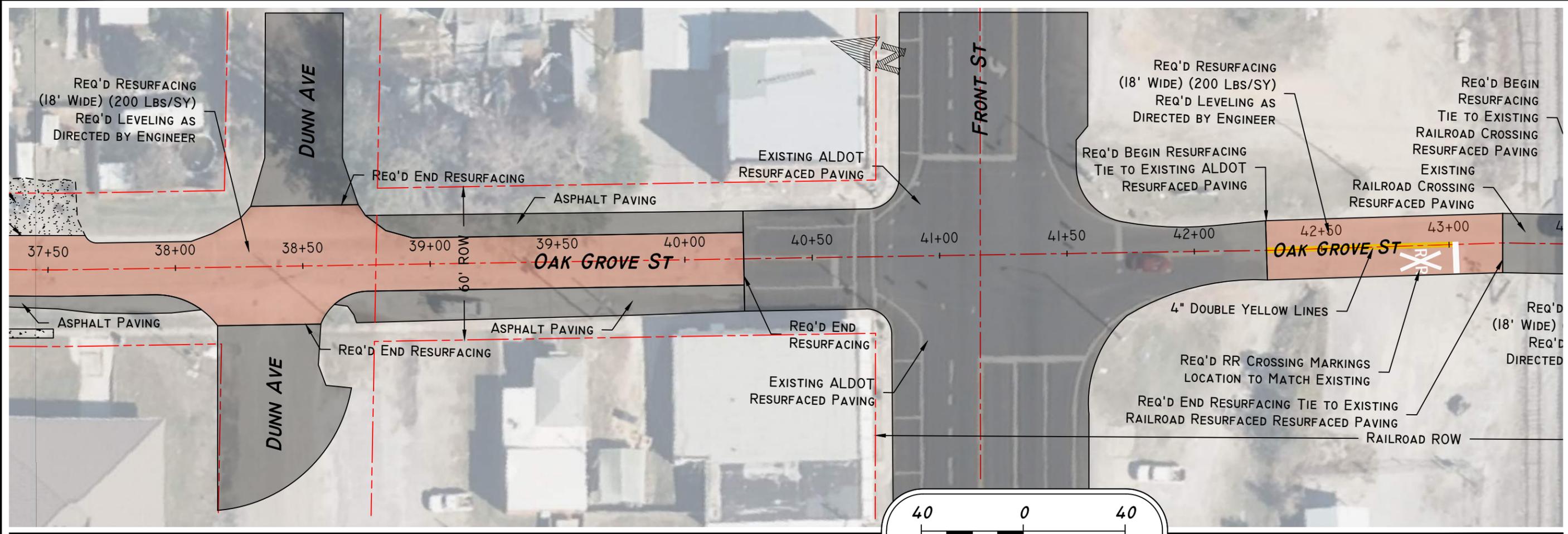
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SHEET	16 OF 21

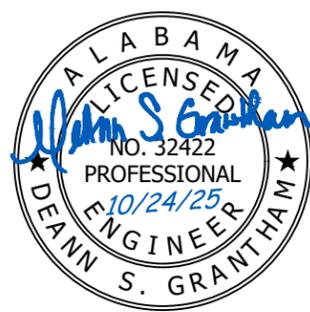
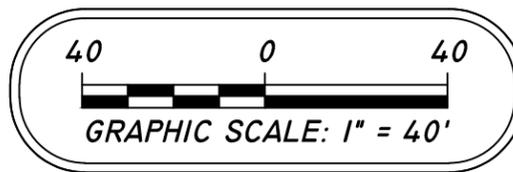
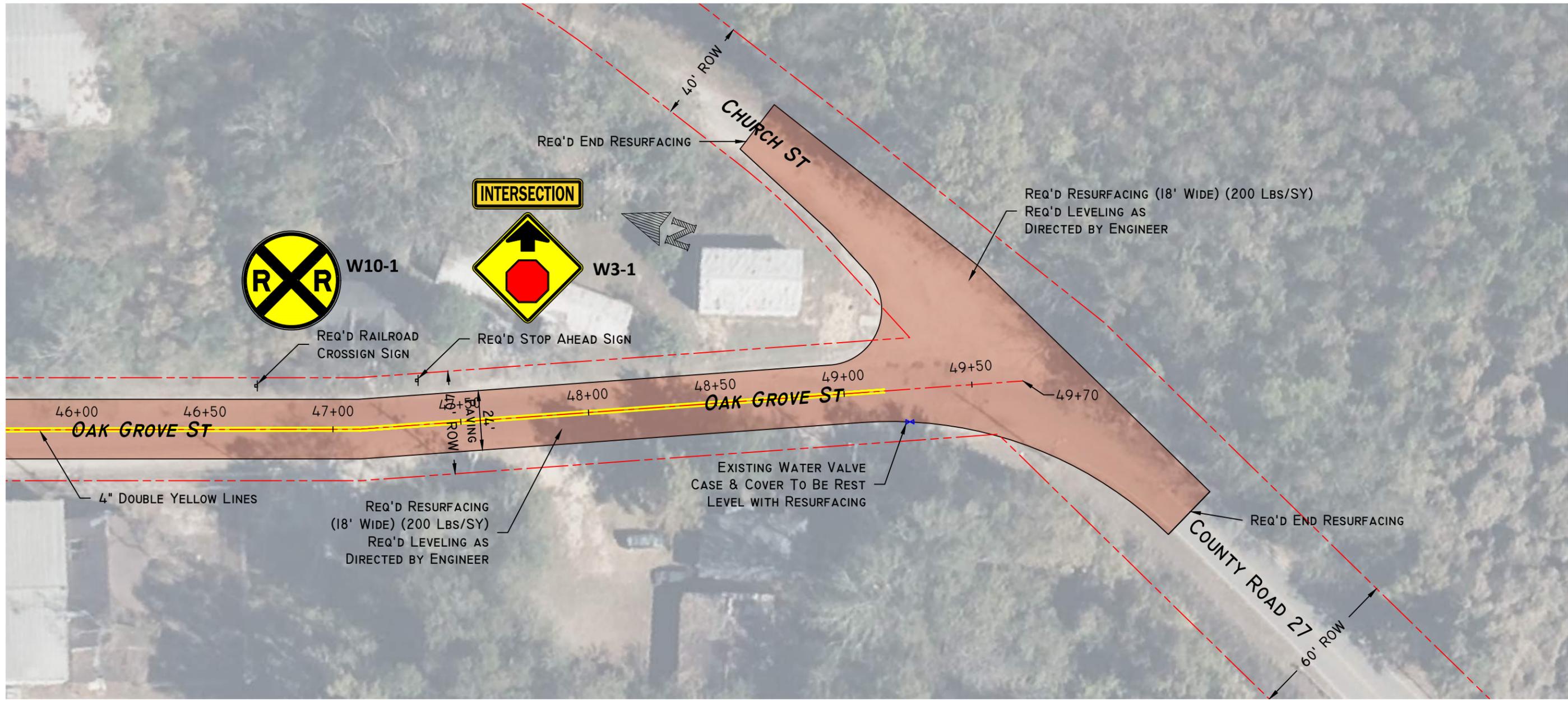




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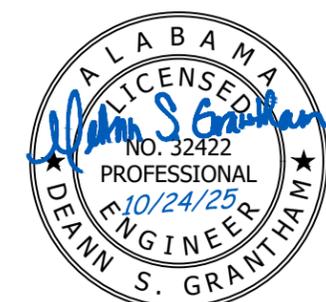
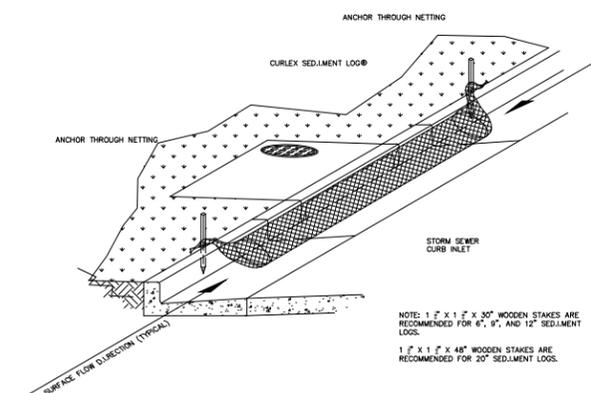
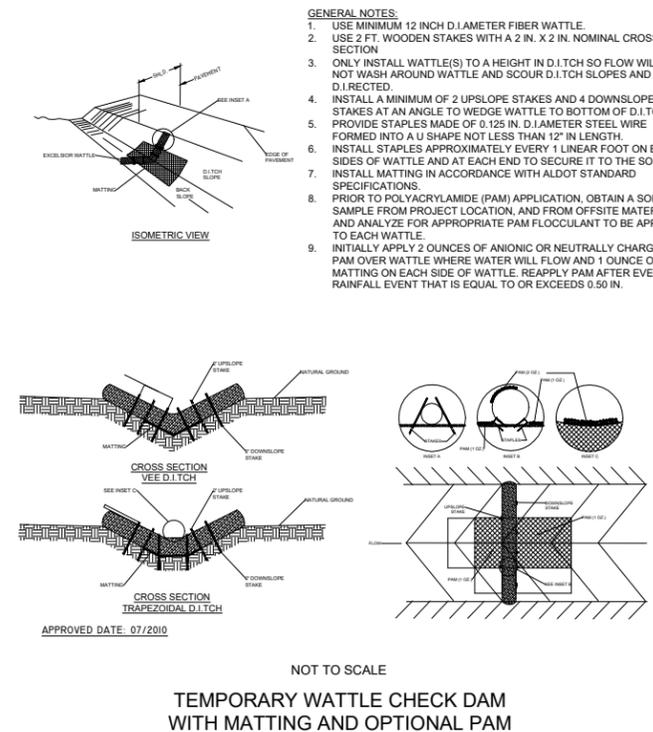
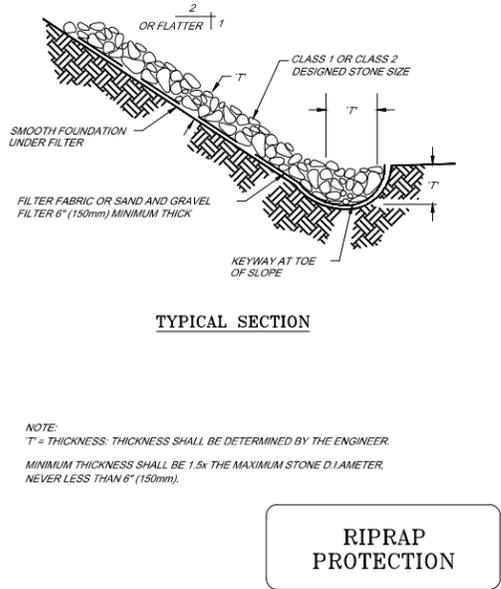
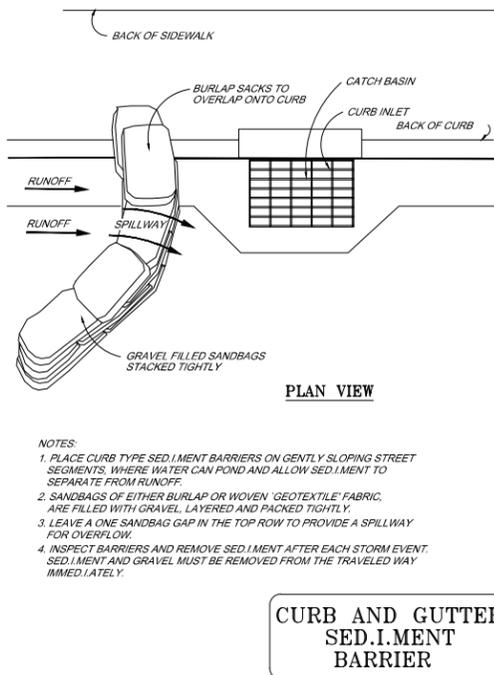
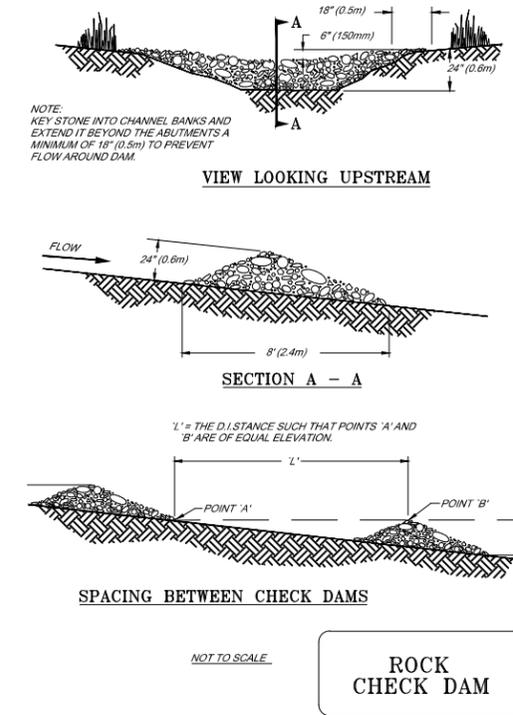
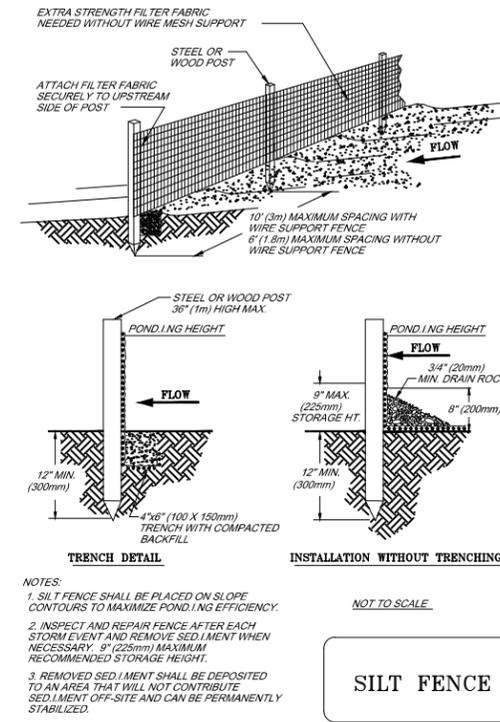
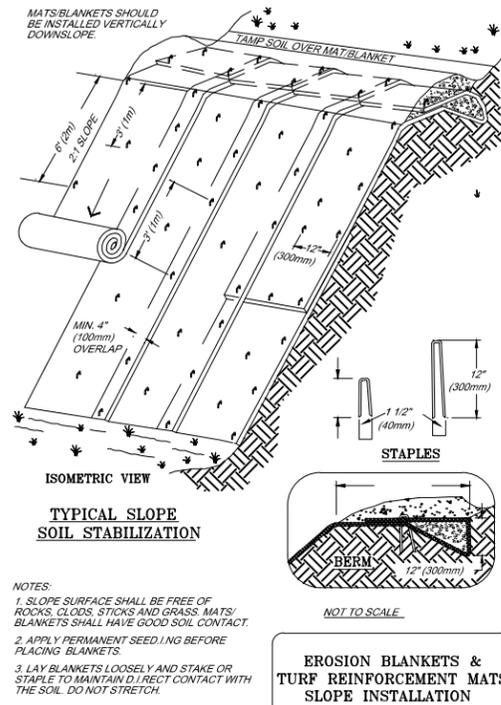
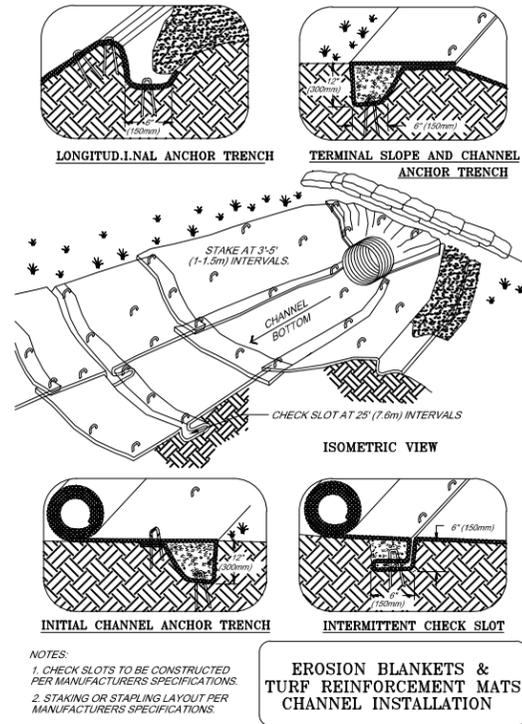




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PROJECT NO	2438501
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EROSION CONTROL DETAILS

STREET RESURFACING



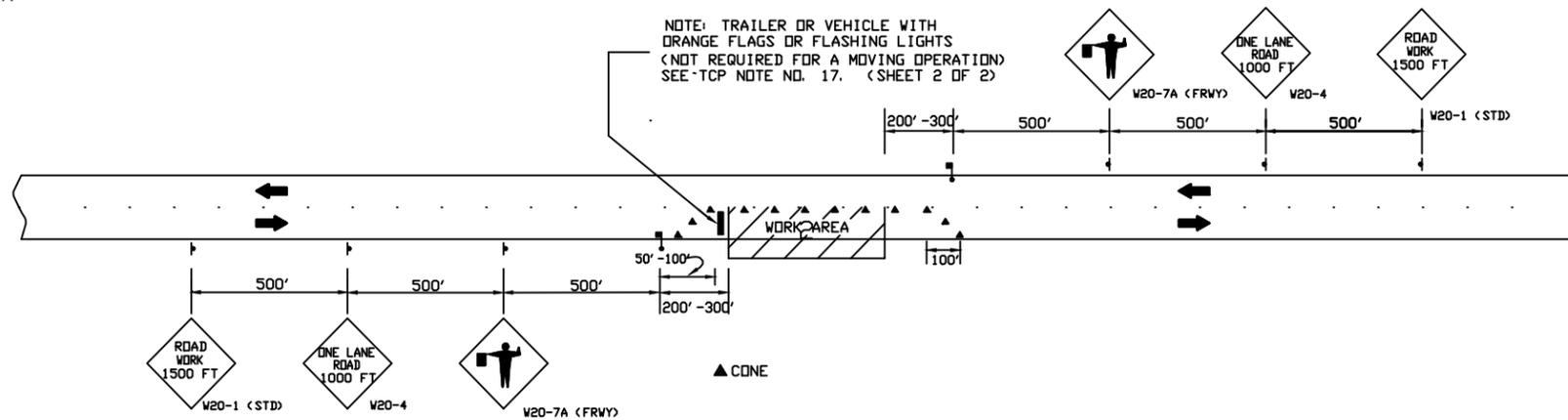
TRAFFIC CONTROL DETAILS

STREET RESURFACING

END ROAD WORK

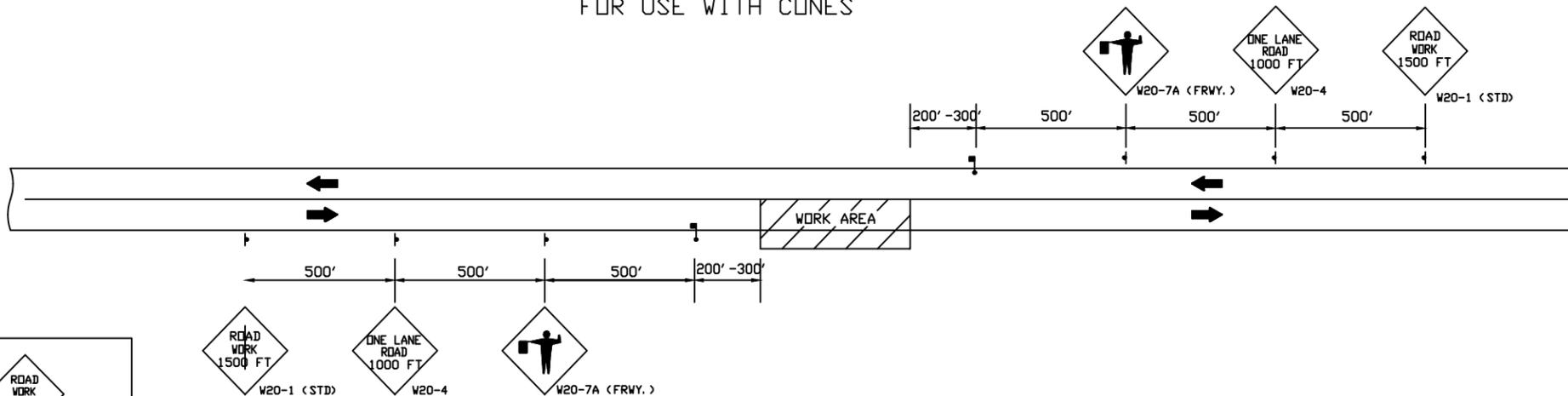
 G20-2A
 (PLACE 500 FT. PAST THE WORK LIMITS SHOWN ON THE TITLE SHEET)

NOTE: TRAILER OR VEHICLE WITH ORANGE FLAGS OR FLASHING LIGHTS (NOT REQUIRED FOR A MOVING OPERATION) SEE TCP NOTE NO. 17. (SHEET 2 OF 2)

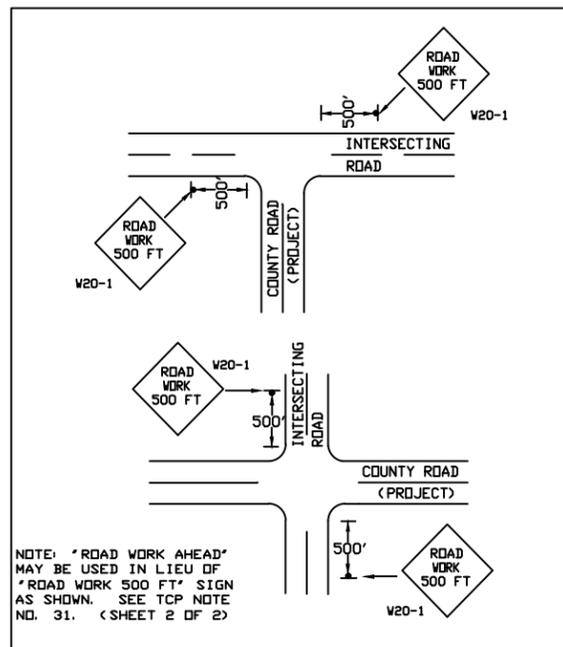


TWO LANE HIGHWAY - ONE LANE CLOSED
FOR USE WITH CONES

ROAD WORK NEXT XX MILES

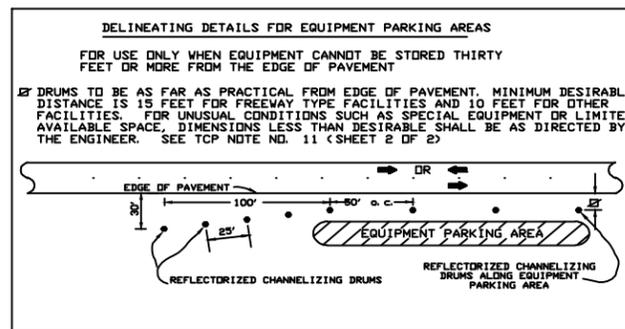
 G20-1
 (PLACE IN ADVANCE OF THE WORK LIMITS SHOWN ON THE TITLE SHEET)


TWO LANE HIGHWAY - ONE LANE CLOSED
FOR USE WITH PILOT CAR



NOTE: "ROAD WORK AHEAD" MAY BE USED IN LIEU OF "ROAD WORK 500 FT" SIGN AS SHOWN. SEE TCP NOTE NO. 31. (SHEET 2 OF 2)

DETAIL FOR PLACEMENT OF W20-1 SIGN AT INTERSECTING ROADS

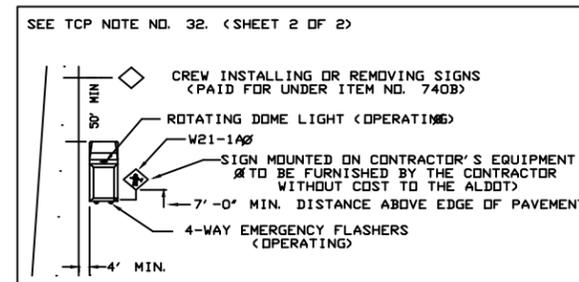


DELINEATING DETAILS FOR EQUIPMENT PARKING AREAS

FOR USE ONLY WHEN EQUIPMENT CANNOT BE STORED THIRTY FEET OR MORE FROM THE EDGE OF PAVEMENT

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. SEE TCP NOTE NO. 11 (SHEET 2 OF 2)

DELINEATING DETAILS FOR EQUIPMENT PARKING AREAS



SEE TCP NOTE NO. 32. (SHEET 2 OF 2)

T. C. P. FOR INSTALLING OR REMOVING CONSTRUCTION SIGNS

