



Shelby County Landfill Turn Lanes and Access Road

ADDENDUM NO. 1

Date: November 2, 2023

RE: Shelby County Landfill Turn Lanes and Access Road

BID DATE AND TIME:
November 9, 2023 at 2:00 p.m.

Location for the bid opening remains the Shelby County Manager's Office, located at 200 West College Street, Room 123, Columbiana, Alabama, 35051

The Mandatory Pre-Bid Conference Meeting Notes and Sign-In Sheet is included in this addendum

The earthwork summary referenced in the pre-bid meeting is attached and is for informational purposes only and all quantities should be verified and calculated independently by each bidding contractor when determining their bid

Project Manual, Plans and Specifications:

- Remove Section 00-0201 – Instructions to Bidders
Replace with attached Section 00-0201 – Instructions to Bidders
- Remove Section 00-0300 – Proposal Form and Sample Bid Bond
Replace with attached Section 00-0300 – Proposal Form and Sample Bid Bond
- Remove Section 00-1310 – Construction Schedules
Replace with attached Section 00-1310 – Construction Schedules
- Remove Plan Sheets 1-A, 2-G, 3 and 67
Replace with attached Sheets 1-A, 2-G, 3 and 67

Questions and Clarifications:

Q1. – Can the clearing debris be hauled to a spot provided by the landfill?

A1. – As covered in the prebid meeting, burning of cleared debris is allowed onsite. Continuous monitoring is required during any burning operations to ensure fire containment. If cleared debris is ground instead of burned the chips can be stockpiled at the landfill at the existing chip pile at the brush disposal site. The contractor will be responsible for hauling and piling any disposed chips.

Q2. – Will there be any disposal fees associated with disposing of clearing debris?

A2. – All cleared debris shall be burned or chipped. There will not be any fees associated for disposal of wood waste chips.

Q3. – Will the route within the landfill allow the use of off-road trucks to haul wood waste chips to the designated location?

A3. – Yes. It is the contractor's responsibility to ensure a safe distance between off-road trucks and landfill customer traffic as well as ensuring any debris being hauled is secure during travel. Any mud or other debris tracked on the active customer access road shall be the contractor's responsibility to remove immediately.

Q4. – Will the route within the landfill allow the use of off-road trucks to haul waste dirt to the designated location?

A4. – Yes. It is the contractor's responsibility to ensure a safe distance between off-road trucks and landfill traffic as well as ensuring dirt is secure during travel. Any mud or other debris tracked on the active customer access road shall be the contractor's responsibility to remove immediately. If conditions result in mud continuously being tracked onto the active landfill customer access roadway hauling operations shall halt until conditions improve. If any visible damage starts to present itself on the active landfill customer access road due to the operation of any off road trucks the contractor shall reduce load volumes to avoid damage or use on road trucks for hauling. If on road trucks are used normal highway load limits will apply.

Q5. – Please describe the exact location of the waste dirt disposal area.

A5. – Waste dirt can be hauled and stockpiled to the east of and outside the boundary of cell 5 (note cell 5 is the active MSW disposal area). The landfill supervisor Tim Shoemaker can be contacted at 205-948-4161 to schedule a meeting onsite to go look at this location and answer any questions.

Q6. – Is there an adequate amount of topsoil available onsite for project use?

A6. – Topsoil is required to be placed in all areas per the project specifications. Determination of the available amount of topsoil within the construction limits should be made by the contractor prior to bidding by whatever means deemed necessary. Site access is permitted for test digging. Site visits should be coordinated with Tim Shoemaker at the number above.

Q7. – Item 621A-009 calls for a precast junction box, Type 2P to be located at Hwy 70 Station 12+22.01, is it acceptable cast in place this junction box?

A7. – Yes, The utilization of a cast in place junction box per ALDOT Standard Drawing JB-620-B is acceptable and compensation shall be made for the provided box the same as precast per "each" (ALDOT Standard Drawing JB321-P(PC) sheet 2).

PRE-BID MEETING NOTES

Project Name: Shelby County Landfill Turn Lanes and Access Road Project
Date: October 31, 2023 at 10am

GENERAL INFORMATION

- Owner - Shelby County Commission
 - Trey Gauntt
 - Brad Davis
 - Brandon Hamilton
- Design Team:
 - Gonzalez Strength and Associates

BID DATE / TIME / LOCATION

Bid Date: November 9, 2023

Time: 2:00pm

Location: Shelby County Manager's Office at 200 West College St. Room 123, Columbiana, AL 35051

Pre-Bid Meeting

Bidders attendance at pre-bid meeting is mandatory (see sign in sheet)

Project Overview:

- Brief description of scope of work
- Construction Cost Estimate - \$2.5M
- Project Scope - Clear, Grade, Drainage, Base, Pave
- Project located ~ 2300' west of existing access road off Hwy 70 / ~ 800' east of property line
- Note work within ALDOT ROW and required signage and traffic control
- Note scalehouse construction by others (gap approximately 140 LF in asphalt in this area)
- Discuss laydown areas site visits – Bidders are welcome to explore the site and perform any test digging (coordinate with the Landfill Supervisor Tim Shoemaker 205-948-4161)

Bid Process

- Questions should be submitted in writing and submitted via e-mail to:
 - rlecroy@shelbyal.com
- Deadline for questions: 48 hours before bid opening date/time.
- Product Substitutions:
 - To be submitted during the bid phase only.
 - Submissions must be submitted and reviewed through one of the bidding GC's to be deemed applicable and a benefit to the project. Substitutions will be approved or rejected via Addendum.

Required Bid Proposal Contents:

- Bid Proposal Form
 - Submitted in triplicate (1 original and 2 copies), properly executed, completely filled out
 - Sales Tax is not to be included in bid price
- Cashiers Check (5% or not to exceed \$10,000) payable to the Shelby County Commission or Bid Bond
- Sealed Bid Envelope addressed to the Owner with GC name & License Number on outside
- Late bids will be returned unopened.
- Proof of Competency of Bidders is required upon request before award of bid.

- If all addenda are not acknowledged by number (1,2,3, etc.) on the bid form or if the bid form is not signed, the bid will be considered nonresponsive and will be returned to the bidder immediately without considering the bid amount.

Contract Requirements:

- All bidders must conform to Alabama Immigration Law / E-verify must be submitted
- City Business License, GC License, Performance Bonds and General Liability Insurance
- All building permits must be obtained from the City of Westover
- ADEM NPDES permit required if disturbance area exceeds 1 acre
- Lowest Responsive GC must make an application to the Department of Revenue to purchase materials tax free using the tax exempt certificate method. Refer to specifications for further details.
- Builder's Risk Insurance Requirements: 00-0040 General Conditions - Section 5

Construction Limits and Conditions

- County will provide control points by GSA and project plans
- Discuss construction limits and borrow pit areas
- Note at the end of the project Station 80+00 traffic must be maintained
- Traffic on the existing landfill roadway will stay the same until scalehouse construction is complete
- Roadway from Hwy 70 to existing landfill road to be closed to the public
- Any existing topsoil striping is included in the overall unclassified volumes
- Bidders are welcome to dig any test pits before bidding
- Cleared debris can be burned (with 24 hour monitoring) or chipped (chips can be wasted at LF)
- Note: Unclassified, Borrow and Topsoil are all lump sum (quantities should be verified for bidding purposes)
 - Overall the project has approximately 51240 CY of waste dirt. See attached earthwork summary calculation performed by the designer. NOTE: It is the contractors responsibility to verify these quantities and this is for informational purposes only as the bid unit for topsoil, unclassified and borrow is LUMP SUM.
 - The available area at the landfill for stockpiling waste dirt is east and adjacent to cell #5
 - Contractor is responsible for piling dirt in this area. Seed and mulch is not required on the stockpile as it will be utilized for temporary daily cover within the MSW cell.

Utilities

- Water - None
- Power - Note two poles within Hwy 70 ROW and line along existing landfill road
- Sewer - 2" HDPE line along 70 and within landfill (pg 35 & 37)
- Telephone / Cable - none known
- Contractors responsibility to contact utility owner for locates prior to construction

Alternates

- No deductive or add alternates in bid schedule but County reserves the right to delete any individual items (Project spec. note 12)
 - Items specifically subject to this will be the wearing surface on the access road portion (not ALDOT ROW portion)

Contractor's Schedule of Operations

- This is a working day contract (120 days) - 2600 per day LD's (Spec Section 00-1310 to be modified from 60-120)
- Work within the ALDOT ROW will need to avoid lane closures during rush hours when possible
- Work within landfill property on Sat. and Sun. are possible with notice

Permits and Materials Requirements

- NPDS ADEM permit to be submitted next week by County ES
- Note project note #5 Contractor is responsible for BMP's and any potential violation of permit
- All materials must meet the requirements outlined in the plans and specs

Schedule:

- Commission resolution for award – 11-27-2023
- Contract Delivered to the Contractor: 11-28-2023
- Executed Contract Expected back from the Contractor with bonds and other contract documents: within two weeks of receipt of contract from County
- Issue Notice To Proceed as soon as contract is in place and mobilization timeframe can be established
- Mobilization: As soon as possible after the NTP
- Substantial Completion: 120 working days from NTP (request from contractors regarding any objections to the amount of time allowed)

END OF MEETING

Shelby County Landfill Turn Lanes and Access Road Project
Mandatory Pre-Bid Meeting Sign-In Sheet
10/31/2023 - 10:00 am

<u>Company Name</u>	<u>Company Address</u>	<u>Contact Name</u>	<u>Email Address</u>	<u>Phone Number</u>
Tortorigi Construction	3801 Mary Taylor Road Birmingham, AL 35235	Jeremy Tortorigi	jeremyt@tortorigi.com	205-283-1653
Wright Brothers	1500 Lauderdale Memorial Hwy. Charleston, TN 37310	Matt Arp	marp@wbcci.com	423-333-8274
Wright Brothers	1500 Lauderdale Memorial Hwy. Charleston, TN 37310	Chris Brown	cbrown@wbcci.com	423-463-5930
Wright Brothers	1500 Lauderdale Memorial Hwy. Charleston, TN 37310	Rick Norville	rnorville@wbcci.com	423-584-9361
Central Alabama Asphalt	1690 Hargrove Road East, Tuscaloosa, AL 35401	Jamie Porter	jamieporter@centralabamaasphalt.com	205-331-0545
Winston Contracting	P.O. Box 129, Pelham, AL 35124	James Duncan	jduncan@winstoncontracting.com	205-620-6110
Chilton Contractors	P.O. Box 2038, Clanton, AL 35046	Zach Callow	zcallow@straightlec.com	205-261-3773
Chilton Contractors	P.O. Box 2038, Clanton, AL 35046	Scott Cain	scain@straightlec.com	205-914-8951
SDAC	815 Hunter Loop Rd., Montgomery, AL 36108	Alvis Braden	abraden@sdac8a.com	205-260-4247
Wiregrass Construction	151 Piper Lane, Alabaster, AL 35007	Tilman Holloway	tholloway@wiregrassconstruction.com	205-407-0514
Consite Services	2370 Highway 87, Alabaster, AL 35007	Ken Branch	estimator@consiteservices.com	205-663-0051
CS Beatty	1 Civitan Place, Birmingham, AL 35213	Wes Grammer	wgrammer@csbeatty.com	205-795-0512
CB&A Construction	44 Inverness Center Pkwy, Hoover, AL 35242	John Cardwell	cardwelljb@cba-projectmgt.com	205-800-5519
CB&A Construction	44 Inverness Center Pkwy, Hoover, AL 35242	Tyler Sample	sampleto@cba-projectmgt.com	470-808-1870
Dunn Construction Company	3905 Messer Airport Hwy., Birmingham, AL 35222	Justin Shade	jshade@dunnconstruction.com	205-957-7178
Site Masters Construction	4425 Hwy 50 W., Maben, MS 39750	Shane Lamkin	slamkin@sitemastersms.com	662-295-1576

Earthwork Summary Report

<u>Inside Hwy 70 ROW</u>	<u>CUT</u>	<u>FILL</u>
SR-70 Widening	2394 CY	2045 CY
Landfill Access Turnout	<u>580 CY</u>	<u>38 CY</u>
TOTAL	2974 CY (RAW)	2976 (ADJUSTED FOR SHRINKAGE)

Inside ROW Unclassified Excavation Available for fill = 2082 CY (assume 30% shrinkage)

Borrow Required (Inside ROW) --- 2082 CY – 2976 CY = 895 CY

<u>Landfill Access Road (Outside ROW)</u>	<u>CUT</u>	<u>FILL</u>
Landfill Access Road	90525 CY	9439 CY
Landfill Rd Realignment	<u>1939 CY</u>	<u>0 CY</u>
TOTAL	92464 CY (RAW)	13485 CY (ADJ. FOR SHRINKAGE)

Outside ROW Unclassified Excavation Available for fill = 64725 CY (assume 30% shrinkage)

Borrow Excavation (Outside ROW) --- 64725 CY – 13485 CY = **51240 CY (WASTE)**

The total raw quantities for Unclassified Excavation are:

<u>SR-70</u>	<u>Landfill Access Road</u>	<u>Total</u>
2974 CY	92464 CY	95438 CY

**SHELBY COUNTY LANDFILL TURN LANES AND ACCESS ROAD PROJECT
INSTRUCTIONS TO BIDDERS**

Section 00201 - Page 1 of 7

1.01 SECURITY DOCUMENTS

Approved bidders may obtain Bid Documents from the Department of Environmental Services office located at 1281 Highway 70 Columbiana, AL 35051. Electronic copies of bid documents may be obtained at no cost by sending a request to rlcroy@shelbyal.com.

1.02 BID FORM

- A. In order to receive consideration, make all bids in strict accordance with the following:
1. Make bids upon the forms provided therefore, properly executed and with all items filled out.
 2. Do not change the wording of the Bid Form, and do not alter the Bid Form.
 3. Unauthorized conditions, limitations, or provisions attached to the proposal shall be cause for rejection of the proposal.
 4. Telegraphic bid or telegraphic modification of bid will not be considered.
 5. Bids received after the time specified for receiving them will not be considered.
 6. Late bids will be returned to the sender unopened.
 7. Each bid shall be addressed to the Owner, and shall be delivered to the Owner at the address given in the Invitation to Bid on or before the day and hour set for receiving bids.
 8. Each bid shall be enclosed in a sealed envelope bearing the title of the Work, the name of the Bidder and address, Bidder's license number, classification of license, limits of classification, expiration date, and the date and hour of the bid opening.
 9. It is the sole responsibility of the bidder to see that his bid is received on time.

Bidders are cautioned that, in order to be considered responsive, a complete bid for the project, including unit prices and any specified allowances, must be submitted. A bid for less or with exceptions or clarifications will not be considered responsive.

**SHELBY COUNTY LANDFILL TURN LANES AND ACCESS ROAD PROJECT
INSTRUCTIONS TO BIDDERS**

Section 00201 - Page 2 of 7

1.03 BONDS

A. BID BONDS

1. A Certified Check or Bid Bond for the lesser of five percent (5%) of the proposed Contract Amount or \$10,000 made payable to Shelby County Commission must accompany each bid as evidence of good faith.
2. All Bid Bonds shall be on standard AIA forms.
3. The Successful Bidder's bond will be retained until he has signed the Contract and furnished the required Labor and Materials Payment and Performance Bond.
4. The Owner reserves the right to retain the bond of the two next lowest Bidders until the lowest Bidder enters into contract or until 60 days after the Bid Opening, whichever is shorter.
5. All other Bid Bonds will be returned as soon as practicable, and in accordance with Alabama State Law.
6. If any bidder refuses to enter into a Contract, the Owner will retain his Bid Bond as liquidated damages, but not as a penalty.

B. OTHER BONDS

1. Prior to signing the Contract, the Owner will require the successful bidder to secure and post a Performance Bond in the amount of 100 percent of the Contract Sum, Labor and Materials Payment Bond in the amount of 50 percent of the Contract Sum.
2. All such bonds shall be issued by Surety acceptable to the Owner. Include the costs of all such bonds in the proposed Contract Sum.

**SHELBY COUNTY LANDFILL TURN LANES AND ACCESS ROAD PROJECT
INSTRUCTIONS TO BIDDERS**

Section 00201 - Page 3 of 7

1.04 PRIOR TO BID

A. Examination of Drawings, Project Manual and Site of Work:

1. **Before submitting a Bid, each Bidder shall carefully examine the Drawings, read the Bid Documents, and visit the site of the Work.**
2. Each Bidder shall fully inform himself prior to bidding as to all existing conditions and limitations under which the Work is to be performed, and he shall include in his Bid a sum to cover all costs of all items necessary to perform the Work as set forth in the proposed Bid Documents.
3. Allowance will not be made to any Bidder because of lack of such examination or knowledge of the existing conditions.
4. The submission of a Bid will be construed as conclusive evidence that the Bidder has made such examination.

B. Interpretation of Bid Documents Prior to Bidding

1. If any person contemplating submitting a Bid for construction of the Work is in doubt as to the true meaning of any part of the proposed Bid Documents, or finds discrepancies in or omissions from any part of the proposed Bid Documents, he may **submit to the Owner a written request** via email to rlecroy@shelbyal.com for interpretation thereof not later than three days before Bids are specified to be received.
 - a) The person submitting the request shall be responsible for its prompt delivery.
 - b) Interpretation or correction of proposed Bid Documents will be made only by Addendum and will be mailed, faxed, or delivered to each bidder of record. Each Addendum will have a location for acknowledgement of receipt and understanding of its contents. **Bids will not be considered complete if a signature of an officer of the bidding party does not appear thereon.**
 - c) The Owner will not be responsible for any other explanations or interpretations of the proposed Bid Documents.

**SHELBY COUNTY LANDFILL TURN LANES AND ACCESS ROAD PROJECT
INSTRUCTIONS TO BIDDERS**

Section 00201 - Page 4 of 7

1.05 BIDS

A. Withdrawal of Bids

1. Any Bidder may withdraw his Bid, either personally or by written request, if received by the Owner at any time prior to scheduled time for opening bids.
2. Bidder cannot withdraw his Bid for a period of 60 days after the date set for receiving thereof.
3. Each Bid shall be subject to acceptance by the Owner during this period.

B. Award or Rejection of Bids

1. **The Contract, if awarded will be awarded to the responsive low Bidder who proposes the lowest Contract Sum on the basis of the Base Bid plus approved alternates**, subject to the Owner's right to reject any or all Bids and waive informality and irregularity in the Bids and in the bidding.

C. Proof of Competency of Bidder

1. Any Bidder may be required to furnish additional evidence satisfactory to the Owner that he and his proposed Subcontractors have sufficient experience in the types of work called for to assure completion of the Contract in a satisfactory manner and that their current project workload will not limit their capability. Successful Bidder shall submit a list of subcontractors to be employed on the project within 24 hours of bid time.

**SHELBY COUNTY LANDFILL TURN LANES AND ACCESS ROAD PROJECT
INSTRUCTIONS TO BIDDERS**

Section 00201 - Page 5 of 7

1.06 EXECUTION OF AGREEMENT

- A. Public Works Contract.
- B. The Bidder to whom the Contract is awarded by the Owner shall, within 10 days after Notice of Award and receipt of Agreement forms from the Owner, sign and deliver to the Owner all required copies of the Contract.
- C. The Bidder to whom the Contract is awarded by the Owner shall receive five (5) sets of Construction documents. Any sets needed beyond the initial five sets may be purchased from the Owner.
- D. At or prior to the delivery of the signed Agreement, the Contractor shall deliver to the Owner the Labor and Materials Payment Bond, the Performance Bond, and the policies of insurance or Insurance Certificates as required by the Bid Documents.
- E. All bonds and policies of insurance must be approved by the Owner before the successful Bidder can proceed with the Work.
- F. Failure or refusal to furnish bonds or insurance policies or certificates in a form satisfactory to the Owner and in a timely manner, shall subject the Bidder to loss of time from the allowable construction period equal to the time of delay in furnishing the required material.

1.07 CONTRACT TIMES

- A. Notice to Proceed will be issued after the contract is executed. Thirty (30) calendar days will be allowed for procurement of materials. Contractor agrees that the work will be substantially complete within 120 working days after Notice to Proceed.
- B. If the Contractor is delayed, hindered or impeded at any time in the progress of the Work for any reason or by any alleged act or neglect of the Owner, or the Architect, or by any employee of any of them or by a separate Contractor employed by the Owner, or by changes ordered in the scope of the Work, or by other causes beyond the Contractor's control, then the Contract Time may be extended by Change Order for such reasonable time as is agreed to by the Owner. However, to the fullest extent permitted by law, and notwithstanding any

**SHELBY COUNTY LANDFILL TURN LANES AND ACCESS ROAD PROJECT
INSTRUCTIONS TO BIDDERS**

Section 00201 - Page 6 of 7

other provisions in the Contract Documents, and whether contemplated or not, and whether or not arising by active interference by the Owner and his agents and employees shall not be liable for any damages for delay whether for direct or indirect costs, extended home office overhead, idle or inefficient labor or equipment, cost escalations, or monetary claims of any nature arising from or attributable to delay by any cause whatsoever. The Contractor's sole and exclusive right and remedy for delay by any cause whatsoever is an extension of the Contract Time but no increase in the Contract Sum.

- C. No delay, interference, hindrance or disruption, from whatever source or cause, in the progress of the Contractor's Work shall be a basis for an extension of time unless the delay, interference, hindrance or disruption is (1) without the fault and not the responsibility of the Contractor, its subcontractors and suppliers and (2) directly affects the overall completion of the Work as reflected on the critical path of the updated Construction Schedule. The Contractor expressly agrees that the Owner shall have the benefit of any float in the construction schedule and delay to construction activities which do not affect the overall completion of the Work does not entitle the Contractor to any extension in the Contract Time.

D. **Time Extension:**

Any extension of contract time will be addressed in accordance with ALDOT Standard Specifications for Highway Construction Section 108.09.

**SHELBY COUNTY LANDFILL TURN LANES AND ACCESS ROAD PROJECT
INSTRUCTIONS TO BIDDERS**

Section 00201 - Page 7 of 7

1.08 LIQUIDATED DAMAGES

Should the Contractor fail to substantially complete the work within the specified time, an assessment of \$2,600.00 per day shall be applied as damages and not as a penalty.

1.09 COORDINATION

It is the responsibility of the Contractor to schedule and coordinate any required testing.

END OF SECTION 00100

**SHELBY COUNTY LANDFILL TURN LANES AND ACCESS ROAD PROJECT
PROPOSAL FORM AND SAMPLE BID BOND**

Section 00300 - Page 1 of 7

Bids shall be submitted in triplicate.

DATE: November 9, 2023
2:00 p.m. Local Time

Mr. Chad Scroggins
Shelby County Commission
200 West College Street
Columbiana, AL 35051

Bidding Contractor

1. Pursuant to and in compliance with the Invitation to Bid and the proposed Bid Documents relating to the construction of:

Shelby County Landfill Turn Lanes and Access Road Project - Shelby County, Alabama

Including Addenda _____

The undersigned, having become thoroughly familiar with the terms and conditions of the proposed Bid Documents and with local conditions affecting the performance and costs of the Work at the place where the Work is to be completed, and having fully inspected the site in all particulars, hereby proposes and agrees to fully perform the Work within the time stated and in strict accordance with the proposed Bid Documents, including furnishing any and all labor and materials, and to do all work required to construct and complete said Work in accordance with the Bid Documents, for the following sum of money:

Base Bid - _____

2. I understand that the Owner reserves the right to reject this Bid, but that this Bid shall remain open and not be withdrawn for a period of sixty (60) days from the date prescribed for its receiving.
3. The Bidder, if awarded the contract, hereby agrees to commence work under this contract on or before a date to be specified in a written Notice to Proceed from the Owner and to fully complete work as specified. The Bidder also acknowledges and agrees to the Owner's right to assess liquidated damages as specified.

**SHELBY COUNTY LANDFILL TURN LANES AND ACCESS ROAD PROJECT
PROPOSAL FORM AND SAMPLE BID BOND**

Section 00300 - Page 2 of 7

4. If written notice of the acceptance of this Bid is mailed or delivered to the undersigned within sixty (60) days after the date set for the receiving of this Bid, or at any other time thereafter before it is withdrawn, the undersigned shall execute and deliver the Bid Documents to the Owner in accordance with this Bid as accepted, and will also furnish and deliver to the Owner the Performance Bond, Labor and Material Payment Bond, and proof of insurance coverage, all within ten (10) days after personal delivery or any deposit in the mails of the notification of acceptance of this Bid.
5. Notice of Acceptance or request for additional information may be addressed to the undersigned at the address set forth in Item 6 below.
6. The names of all persons interested in foregoing Bid as principals are:

(IMPORTANT NOTICE: If Bidder or other interested person is a corporation, give legal name of corporation, state where incorporated, and names of president and secretary; if a partnership, give name of firm and names of all individual co-partners composing the firm; if Bidder or interested person is an individual, give first and last names in full.)

NOTE: If Bidder is a corporation, set forth the legal name of the corporation together with the signature of the officer or officers authorized to sign contracts on behalf of the corporation. If Bidder is a partnership, set forth the name of the firm together with the signature of the partner or partners authorized to sign contracts on behalf of the partnership.

The Bidder acknowledges by his signature that he agrees to requirements contained in the Invitation to Bid and the Instructions to Bidders, and that should he fail to execute a Contract with the Owner, should the Owner award said Contract to him, that the Owner may rightfully collect the sum of the Bid Bond. The required Bid Bond is attached to this Bid.

**SHELBY COUNTY LANDFILL TURN LANES AND ACCESS ROAD PROJECT
PROPOSAL FORM AND SAMPLE BID BOND**

Section 00300 - Page 3 of 7

Bids shall be submitted in triplicate.

NAME OF FIRM:			
ADDRESS:			
LICENSE #		Date of License:	
CLASSIFICATION:		Monetary Limit:	
SIGNED BY:		TITLE:	
PRINTED NAME:			

Note: If a corporation, Bid must be signed by person authorized by corporation by-laws to bind it to a contract.

The entirety of this project shall be bid using the following bid schedule. The Bidder agrees to perform all necessary work described in the **BID DOCUMENTS** for the following **UNIT PRICE BID**:

The undersigned, as Bidder, hereby declares that the only person or persons interested in the Proposal as Principals is or are as herein named and that no other person than herein named has any interest in this Proposal or Contract to be entered into; that this Proposal is made without connection with any other person, company, or parties making a bid or proposal; and that it is in all respects fair and in good faith, and without collusion or fraud.

Sworn to and Subscribed before me

This the _____ day of _____, 2023.

Notary Public

My Commission Expires _____

**SHELBY COUNTY LANDFILL TURN LANES AND ACCESS ROAD PROJECT
PROPOSAL FORM AND SAMPLE BID BOND**

Section 00300 - Page 4 of 7

BID FORM

ITEM NUMBER	DESCRIPTION	AMOUNT	UNIT	UNIT PRICE	EXTENSION
201A-002	Clearing & Grubbing (Max allowable bid \$8,000 per acre) (Approximately 9.1 acres)	1	Lump Sum		
206D-000	Removing Pipe	83	Linear Foot		
206E-000	Removing Headwalls	4	Each		
210A-000	Unclassified Excavation (95,438 CY)	1	Lump Sum		
210D-011	Borrow Excavation (A4 or Better) (895 CY)	1	Lump Sum		
214A-000	Structure Excavation (319 CY)	1	Lump Sum		
214B-001	Foundation Backfill Commercial (118 CY)	1	Lump Sum		
230A-000	Roadbed Processing (60 RBST)	1	Lump Sum		
301A-020	Crushed Aggregate Base Course, Type B, Plant Mixed, 8" Compacted Thickness	19664	Square Yard		
405A-000	Tack Coat	6330	Gallon		
408B-000	Micro-Milling Existing Pavement (Approximately 0.00" thru 1.00" Thick)	3286	Square Yard		
424A-361	Superpave Bituminous Concrete Wearing Surface Layer, 3/4" Maximum Aggregate Size Mix, ESAL Range C/D	1749	Ton		
424B-650	Superpave Bituminous Concrete Upper Binder Layer, 3/4" Maximum Aggregate Size Mix, ESAL Range C/D	1867	Ton		
424B-651	Superpave Bituminous Concrete Upper Binder Layer, 1" Maximum Aggregate Size Mix, ESAL Range C/D	249	Ton		
424B-681	Superpave Bituminous Concrete Lower Binder Layer, 1" Maximum Aggregate Xize Mix, ESAL Range C/D	3092	Ton		
424C-361	Superpave Bituminous Concrete Base Layer, 1 1/2" Maximum Aggregate Size Mix, ESAL Range C/D	453	Ton		
530A-002	24" Roadway Pipe (Class 3 R.C.)	173	Linear Foot		

**SHELBY COUNTY LANDFILL TURN LANES AND ACCESS ROAD PROJECT
PROPOSAL FORM AND SAMPLE BID BOND**

Section 00300 - Page 5 of 7

ITEM NUMBER	DESCRIPTION	AMOUNT	UNIT	UNIT PRICE	EXTENSION
530A-003	30" Roadway Pipe (Class 3 R.C.)	142	Linear Foot		
530A-109	66" Roadway Pipe (Class 3 R.C.) (Extension)	44	Linear Foot		
600A-000	Mobilization	1	Lump Sum		
610C-001	Loose Riprap, Class 2	69	Ton		
610D-003	Filter Blanket, Geotextile	1561	Square Yard		
614A-000	Slope Paving	47	Cubic Yard		
619A-003	24" Roadway Pipe End Treatment, Class 1	4	Each		
619A-004	30" Roadway Pipe End Treatment, Class 1	4	Each		
619A-010	66" Roadway Pipe End Treatment, Class 1	2	Each		
620A-000	Minor Structure Concrete	1	Cubic Yard		
621A-009	Junction Boxes, Type 2P	1	Each		
623B-001	Concrete Curb, Type N Special	46	Linear Foot		
623C-000	Combination Curb & Gutter, Type C	1026	Linear Foot		
650A-000	Top Soil (3586 CY)	1	Lump Sum		
652A-100	Seeding	7	Acre		
656A-010	Mulching	7	Acre		
659C-002	Erosion Control Product	1029	Square Yard		
665A-000	Temporary Seeding	7	Acre		

**SHELBY COUNTY LANDFILL TURN LANES AND ACCESS ROAD PROJECT
PROPOSAL FORM AND SAMPLE BID BOND**

Section 00300 - Page 6 of 7

ITEM NUMBER	DESCRIPTION	AMOUNT	UNIT	UNIT PRICE	EXTENSION
665B-001	Temporary Mulching	21	Ton		
665E-000	Polyethylene	1000	Square Yard		
665I-000	Temporary Riprap, Class 2	21	Ton		
665J-002	Silt Fence	4500	Linear Foot		
665N-000	Temporary Coarse Aggregate, ALDOT Number 1	200	Ton		
665O-001	Silt Fence Removal	4500	Linear Foot		
665Q-001	Wattle	1280	Linear Foot		
680A-001	Geometric Controls	1	Lump Sum		
701A-227	Solid White, Class 2, Type A Traffic Stripe (5" WIDE)	3	Mile		
701A-230	Solid Yellow, Class 2, Type A Traffic Stripe (5" WIDE)	4	Mile		
701B-207	Dotted, Class 2, Type A Traffic Stripe (5" WIDE)	1074	Linear Foot		
701C-003	Solid Temporary Traffic Stripe (PAINT)	11	Mile		
703A-002	Traffic Control Markings, Class 2, Type A	4006	Square Foot		
703B-002	Traffic Control Legends, Class 2, Type A	113	Square Foot		
703D-002	Temporary Traffic Control Markings (PAINT)	522	Square Foot		
705A-030	Pavement Markers, Class A-H, Type 2-C	135	Each		
705A-037	Pavement Markers, Class A-H, Type 2-D	119	Each		
705A-038	Pavement Markers, Class A-H, Type 2-E	337	Each		
710A-160	Class 10, Aluminum Flat Sign Panel 0.08" Thick (Type XI Background)	39	Square Foot		

**SHELBY COUNTY LANDFILL TURN LANES AND ACCESS ROAD PROJECT
PROPOSAL FORM AND SAMPLE BID BOND**

Section 00300 - Page 7 of 7

ITEM NUMBER	DESCRIPTION	AMOUNT	UNIT	UNIT PRICE	EXTENSION
710B-021	Roadway Sign Post (#3 U Channel, Galvanized Steel or 2", 14 GA Square Tubular Steel	112	Linear Foot		
740B-000	Construction Signs	271	Square Foot		
740D-000	Channelizing Drums	70	Each		
740E-000	Cones (36 Inches High)	70	Each		
740F-002	Barricades, Type III	6	Each		
740M-001	Ballast for Cone	70	Each		
				TOTAL BID =	

FORM OF BID BOND

KNOW ALL MEN BY THESE PRESENTS:

That the contractor, as Principal, and _____
(Name of Surety)

_____, as Surety, are held and firmly bound
unto _____
(Address)

the **SHELBY COUNTY COMMISSION** as Obligee in the full and just sum of five percent (5%) of amount bid (Maximum amount - \$10,000.00), lawful money of the United States, for the payment of which sum, well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the said Principal is herewith submitting its proposal for

PROJECT NAME: _____

The condition of this obligation is such that:

If the aforesaid Principal shall be awarded the contract and said Principal will, within the time required, enter into a formal contract and give a good and sufficient bond to secure the performance of the terms and conditions of the contract, then this obligation will be void; otherwise, the Principal and the Surety will pay unto the Obligee the difference in money between the amount of the contract as awarded and the amount of the proposal of the next lowest acceptable bidder, but not to exceed the total amount of the proposal guaranty. If no other bids are received, the full amount of the proposal guaranty shall be retained and/or recovered as liquidated damages for such default.

Witness our hands and seals this _____ day of _____,
20____.

SIGNATURE OF INDIVIDUAL BIDDER: (USE ONLY WHERE BIDDER IS AN INDIVIDUAL)

_____, Doing Business As, _____
(Name of Individual) (Business Name)

Business Mailing Address: _____

NAME OF PARTNERSHIP, JOINT VENTURE OR CORPORATION:

(Name of Partnership, Joint Venture or Corporation*) – (If Two Corporations**)

Business Mailing
Address: _____ BY: _____ (L.S.)
(Signature and Position or Title of
Officer Authorized to Sign Bids and
Contracts for the Firm)

Business Mailing
Address: _____ BY: _____ (L.S.)
(Signature and Position or Title of
Officer Authorized to Sign Bids and
Contracts for the Firm)

Business Mailing
Address: _____ BY: _____ (L.S.)
(Signature and Position or Title of
Officer Authorized to Sign Bids and
Contracts for the Firm)

* (Corporate Seal) Name of State under the laws of which the
Attest: Corporation was chartered:

(Secretary)

** (Corporate Seal) Name of State under the laws of which the
Attest: Corporation was chartered:

(Secretary)

(Name of Surety)

BY: _____
(Attorney-in-Fact)

**PROPOSAL WILL NOT BE ACCEPTED UNLESS THIS FORM FOR BID BOND IS USED,
AND BIDS WILL NOT BE CONSIDERED UNLESS THIS FORM IS SIGNED BY PRINCIPAL
AND SURETY OR A CERTIFIED CHECK IN THE PROPER AMOUNT IS FURNISHED.
CASHIER'S CHECK IS NOT ACCEPTABLE.**

PLEASE LEAVE ATTACHED IN YOUR BIDDING FORM

**SHELBY COUNTY LANDFILL TURN LANES AND ACCESS ROAD PROJECT
CONSTRUCTION SCHEDULES**

SECTION 00-1310 – Page 1 of 2

Part 1 – General

1.1 SECTION INCLUDES

Procedures for preparation, submission and review of “Horizontal Bar Type” Progress or Construction Schedules for the entire project, and bi-weekly updating.

1.2 FORM OF SCHEDULES

Prepare Construction Schedules in the form of a horizontal bar chart prior to commencing the work. Work shall not commence until the Contractor submits the project schedule for review.

1.3 CONTENT OF SCHEDULES

- A. Construction Schedules shall include the following:
 - a. Complete sequence of construction by activity.

1.4 SUBMITTALS

- A. Submit Design and Construction Schedule within five (5) calendar days after date of a contract award
 - a. Owner will review design and schedule and return a copy marked approved or with comments.
 - b. If required, resubmit for final review.

1.5 DISTRIBUTION

- A. Distribute copies of approved Design and Construction Schedule to job file and other concerned parties.
- B. Instruct all recipients to report any inability to comply and provide detailed explanation with suggested remedies.

1.6 DURATION AND MILESTONES

- A. The Contract Time shall commence to run on the date of issuance of the Notice to Proceed. The project shall be substantially completed within 120 working days after the Contract Time commences to Run. Upon reaching substantial completion, the successful contractor will be issued a letter stating the project has reached substantial completion, the work will be inspected, and a punch list will be generated and forwarded.
- B. The Contractor shall prosecute the work diligently and will avoid interfering with or delaying any progress of any other Contractors or the Owner's own forces on other project related work.
- C. The Contractor shall be allowed 30 calendar days from the date of award to

**SHELBY COUNTY LANDFILL TURN LANES AND ACCESS ROAD PROJECT
CONSTRUCTION SCHEDULES**

SECTION 00-1310 – Page 2 of 2

procure all required materials after such period, contract time charges shall commence. Contract time in the amount of 120 working days will be allowed.

Part 2 - Products

Not used

Part 3 - Execution

Not used

END OF SECTION

INDEX TO SHEETS					REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
					22-0210	2023	1-A

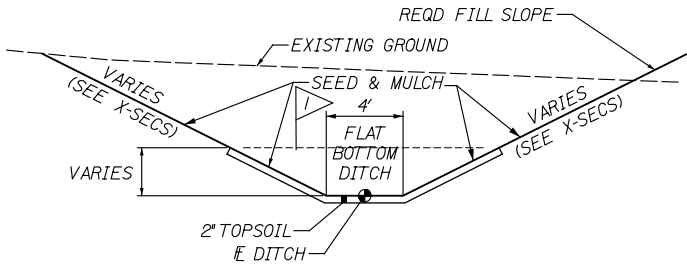
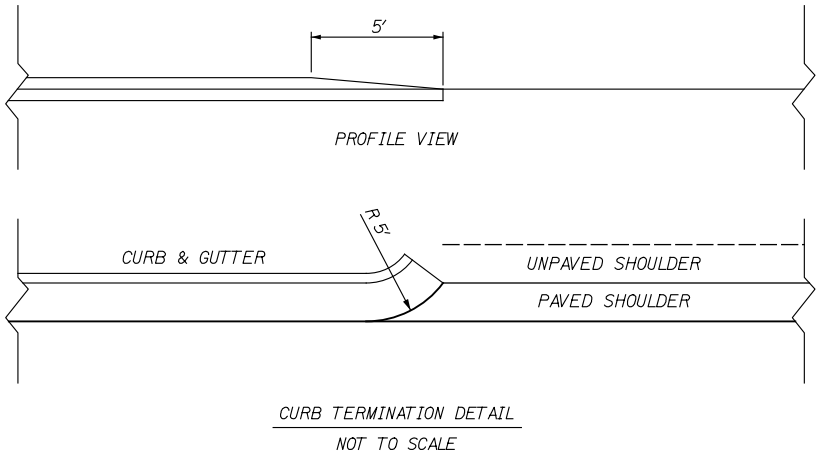
SHEET NO	DESCRIPTION
1	TITLE SHEET
1-A	INDEX TO SHEETS
1-B	INDEX TO SPECIAL AND STANDARD DRAWINGS
1-C	PLANS LEGEND
1-D	PLANS ABBREVIATIONS SHEET
1-E THRU 1-G	PRIMARY SURVEY CONTROL AND GEOMETRIC LAYOUT SHEET
1-H	GEOMETRIC LAYOUT SHEET - HORIZONTAL ALIGNMENT DATA
2 THRU 2-G	TYPICAL SECTION SHEETS
2-H	PROJECT NOTE SHEET
2-I	GENERAL TRAFFIC CONTROL PLAN NOTES
3	SUMMARY OF QUANTITIES
4	PLAN SHEET: SR-70, LANDFILL ACCESS RD STA 50+00.00 - 55+00.00
4-A	PROFILE SHEET: SR-70
4-B	PROFILE SHEET: LANDFILL ACCESS RD STA 50+00.00 - 55+00.00
5	PLAN SHEET: LANDFILL ACCESS RD STA 55+00.00 - 70+00.00
5-A	PROFILE SHEET: LANDFILL ACCESS RD STA 55+00.00 - 70+00.00
6	PLAN SHEET: LANDFILL ACCESS RD STA 70+00.00 - 84+76.49
6-A	PROFILE SHEET: LANDFILL ACCESS RD STA 70+00.00 - 84+76.49
6-B	PROFILE SHEET: LANDFILL RD REALIGNMENT
7 THRU 9	OMIT
10 THR 12	PAVING LAYOUT SHEETS
13 THRU 14	OMIT
15 THRU 17	SIGNING AND STRIPING SHEETS
18 THRU 19	OMIT
20 THRU 22	UTILITY PLAN SHEETS
23 THRU 24	OMIT
25	TRAFFIC CONTROL SEQUENCE OF CONSTRUCTION AND QUANTITIES
26	TRAFFIC CONTROL PLAN TYPICAL SECTION
27	OMIT
28	TRAFFIC CONTROL PLAN
29	TRAFFIC CONTROL PLAN
30 THRU 31	OMIT
32 THRU 35	TRAFFIC CONTROL PLAN SPECIAL PROJECT DETAILS
36 THRU 39	OMIT
40	EROSION AND SEDIMENT CONTROL PLANS LEGEND
41 THRU 43	EROSION AND SEDIMENT CONTROL PLAN SHEET (INITIAL PHASE)
44 THRU 46	EROSION AND SEDIMENT CONTROL PLAN SHEET (INTERMEDIATE PHASE)
47 THRU 49	EROSION AND SEDIMENT CONTROL PLAN SHEET (FINAL CONSTRUCTION)
50 THRU 54	OMIT
55 THRU 57	DRAINAGE CROSS SECTION SHEETS
58	DRAINAGE DETAIL SHEET
59	OMIT
60 THRU 66	ROADWAY CROSS SECTIONS: SR-70
67 THRU 95	ROADWAY CROSS SECTIONS: LANDFILL ACCESS RD
96 THRU 98	ROADWAY CROSS SECTIONS: LANDFILL RD

10-31-2023 - UPDATED SHEETS 2-G,3 & 67.(JSH)

	RESPONSIBLE PE: James R. Brown, P.E.	SUPERVISOR: James R. Brown, P.E.	DESIGNER: Joshua S. Hallman, P.E.	PLAN SUBMITTAL	<div><div></div><div>SHELBY COUNTY</div></div>	NOT TO SCALE	SHEET TITLE	ROUTE
	DATE: September 27, 2023	DATE: September 27, 2023	DATE: September 27, 2023	FINAL			INDEX TO SHEETS	SR-70 / LANDFILL ACCESS RD

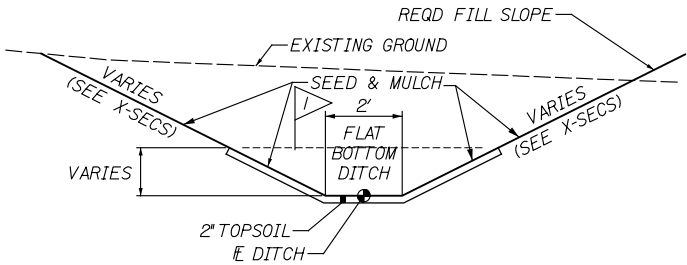
TYPICAL SECTION SHEET

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
22-0210	2023	2-G



SPECIAL DITCH TYPICALS

SR-70
SP-DT 1: STA 9+70.00 TO STA 13+96.50 RT
SP-DT 2: STA 10+66.50 TO STA 14+50.00 LT




SPECIAL DITCH TYPICALS

LANDFILL ACCESS RD
SP-DT 1: STA 50+68.00 TO STA 52+50.00 LT
SP-DT 2: STA 50+80.00 TO STA 52+00.00 RT
SP-DT 3: STA 61+00.00 TO STA 63+50.00 LT
SP-DT 4: STA 68+00.00 TO STA 75+50.00 RT
SP-DT 5: STA 80+06.37 TO STA 83+20.00 RT

LANDFILL RD
SP-DT 6: STA 100+53.80 TO STA 102+24.63 LT

10-31-2023 - REPLACED "ROLLED SOD" WITH "SEED & MULCH" IN DITCH TYPICALS. (JSH)

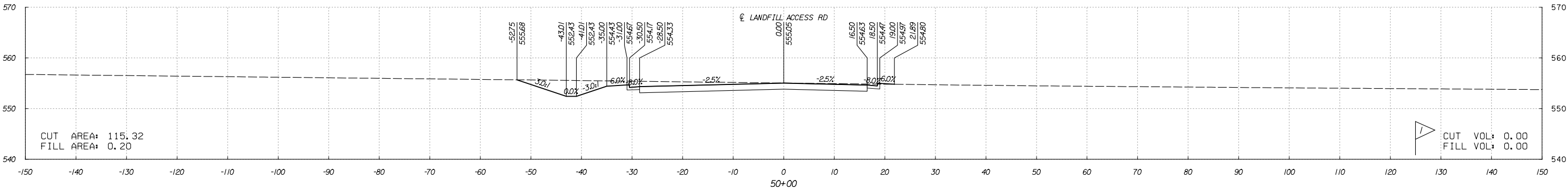
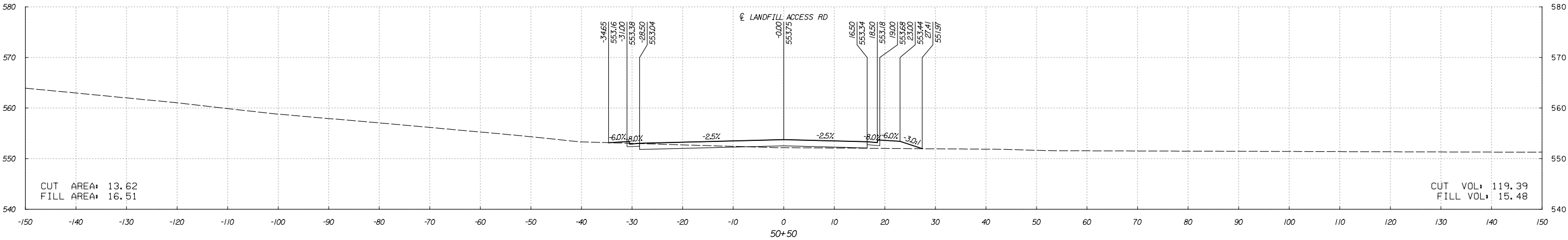
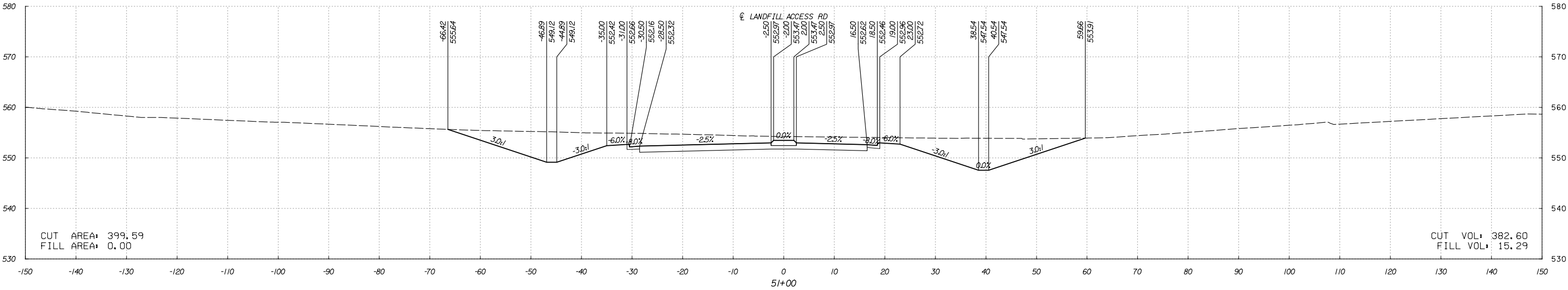
RESPONSIBLE PE: James R. Brown, P.E.	SUPERVISOR: James R. Brown, P.E.	DESIGNER: Joshua S. Hallman, P.E.	PLAN SUBMITTAL	 SHELBY COUNTY	NOT TO SCALE	SHEET TITLE	ROUTE
DATE: September 27, 2023	DATE: September 27, 2023	DATE: September 27, 2023	FINAL			TYPICAL SECTION SHEET	SR-70 / LANDFILL ACCESS RD

SUMMARY OF QUANTITIES						REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
						22-0210	2023	3
<div><div></div></div>	QUANTITY			UNIT	ITEM NO.	ITEM DESCRIPTION	PROJECT NOTES	
	SR-70	LANDFILL ACCESS RD	TOTAL					
	0.15	0.85	1	LUMP SUM	201A-002	CLEARING AND GRUBBING (MAX ALLOWABLE BID \$8,000.00 PER ACRE)(APPROXIMATELY 9.1 ACRES)		
		83	83	LINEAR FOOT	206D-000	REMOVING PIPE		
	2	2	4	EACH	206E-000	REMOVING HEADWALLS		
	2974	92464	95438	CUBIC YARD	210A-000	UNCLASSIFIED EXCAVATION	303	
	895		895	CUBIC YARD	210D-011	BORROW EXCAVATION (A4 OR BETTER)		
	33	286	319	CUBIC YARD	214A-000	STRUCTURE EXCAVATION		
	27	91	118	CUBIC YARD	214B-001	FOUNDATION BACKFILL, COMMERCIAL		
	22	38	60	RBST	230A-000	ROADBED PROCESSING		
	341	19323	19664	SQUARE YARD	301A-020	CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 8" COMPACTED THICKNESS	207	
	715	5623	6338	GALLON	405A-000	TACK COAT		
	3286		3286	SQUARE YARD	408B-000	MICRO-MILLING EXISTING PAVEMENT (APPROXIMATELY 0.00" THRU 1.00" THICK)		
	362	1387	1749	TON	424A-361	SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 3/4" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D		
		1867	1867	TON	424B-650	SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 3/4" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D		
	249		249	TON	424B-651	SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D		
	257	2835	3092	TON	424B-681	SUPERPAVE BITUMINOUS CONCRETE LOWER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D		
	453		453	TON	424C-361	SUPERPAVE BITUMINOUS CONCRETE BASE LAYER, 1 1/2 " MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D		
		173	173	LINEAR FOOT	530A-002	24" ROADWAY PIPE (CLASS 3 R.C.)		
		142	142	LINEAR FOOT	530A-003	30" ROADWAY PIPE (CLASS 3 R.C.)		
	44		44	LINEAR FOOT	530A-109	66" ROADWAY PIPE (CLASS 3 R.C.) (EXTENSION)		
	0.5	0.5	1	LUMP SUM	600A-000	MOBILIZATION		
	32	37	69	TON	610C-001	LOOSE RIPRAP, CLASS 2		
	510	1051	1561	SQUARE YARD	610D-003	FILTER BLANKET, GEOTEXTILE		
	1	46	47	CUBIC YARD	614A-000	SLOPE PAVING		
		4	4	EACH	619A-003	24" ROADWAY PIPE END TREATMENT, CLASS 1		
		4	4	EACH	619A-004	30" ROADWAY PIPE END TREATMENT, CLASS 1		
	2		2	EACH	619A-010	66" ROADWAY PIPE END TREATMENT, CLASS 1		
	1		1	CUBIC YARD	620A-000	MINOR STRUCTURE CONCRETE		
	1		1	EACH	621A-009	JUNCTION BOXES, TYPE 2P		
	23	23	46	LINEAR FOOT	623B-001	CONCRETE CURB, TYPE N SPECIAL		
	131	895	1026	LINEAR FOOT	623C-000	COMBINATION CURB & GUTTER, TYPE C		
	516	3070	3586	CUBIC YARD	650A-000	TOPSOIL		
	1	6	7	ACRE	652A-100	SEEDING		
	1	6	7	ACRE	656A-010	MULCHING		
	1029		1029	SQUARE YARD	659C-002	EROSION CONTROL PRODUCT, TYPE S2		
	1	6	7	ACRE	665A-000	TEMPORARY SEEDING		
	3	18	21	TON	665B-001	TEMPORARY MULCHING		
	500	500	1000	SQUARE YARD	665E-000	POLYETHYLENE		
	21		21	TON	665I-000	TEMPORARY RIPRAP, CLASS 2		
2000	2500	4500	LINEAR FOOT	665J-002	SILT FENCE			
100	100	200	TON	665N-000	TEMPORARY COARSE AGGREGATE, ALDOT NUMBER 1			
2000	2500	4500	LINEAR FOOT	665O-001	SILT FENCE REMOVAL			
300	980	1280	LINEAR FOOT	665Q-002	WATTLE			
0.5	0.5	1	LUMP SUM	680A-001	GEOMETRIC CONTROLS			
1	2	3	MILE	701A-227	SOLID WHITE, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)			
1	3	4	MILE	701A-230	SOLID YELLOW, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)			
81	993	1074	LINEAR FOOT	701B-207	DOTTED, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)			
3	8	11	MILE	701C-003	SOLID TEMPORARY TRAFFIC STRIPE (PAINT)	300		
571	3435	4006	SQUARE FOOT	703A-002	TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A			
68	45	113	SQUARE FOOT	703B-002	TRAFFIC CONTROL LEGENDS, CLASS 2, TYPE A			
390	132	522	SQUARE FOOT	703D-002	TEMPORARY TRAFFIC CONTROL MARKINGS (PAINT)			
5	130	135	EACH	705A-030	PAVEMENT MARKERS, CLASS A-H, TYPE 2-C			
3	116	119	EACH	705A-037	PAVEMENT MARKERS, CLASS A-H, TYPE 2-D			
216	121	337	EACH	705A-038	PAVEMENT MARKERS, CLASS A-H, TYPE 2-E			
12	27	39	SQUARE FOOT	710A-160	CLASS 10, ALUMINUM FLAT SIGN PANEL 0.08" THICK (TYPE XI BACKGROUND)			
28	84	112	LINEAR FOOT	710B-021	ROADWAY SIGN POST (#3 U CHANNEL, GALVANIZED STEEL OR 2", 14 GA SQUARE TUBULAR STEEL)			
241	31	271	SQUARE FOOT	740B-000	CONSTRUCTION SIGNS			
50	20	70	EACH	740D-000	CHANNELIZING DRUMS			
50	20	70	EACH	740E-000	CONES (36 INCHES HIGH)			
4	2	6	EACH	740F-002	BARRICADES, TYPE III			
50	20	70	EACH	740M-001	BALLAST FOR CONE			
<div><div></div>10-31-2023 - UPDATED PAY ITEM 210A-000. (JSH)</div>								
	RESPONSIBLE PE: James R. Brown, P.E.	SUPERVISOR: James R. Brown, P.E.	DESIGNER: Joshua S. Hallman, P.E.	PLAN SUBMITTAL	<div><div></div><div>SHELBY COUNTY</div></div>	NOT TO SCALE	SHEET TITLE	ROUTE
	DATE: September 27, 2023	DATE: September 27, 2023	DATE: September 27, 2023	FINAL			SUMMARY OF QUANTITIES	SR-70 / LANDFILL ACCESS RD


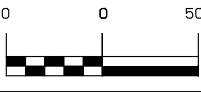
PLAN SHEET

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
22-0210	2023	67

10-31-2023 - UPDATED VOLUMES STA 50+00. (JSH)



50+00.00 TO 51+00.00

RESPONSIBLE PE: James R. Brown, P.E. DATE: September 27, 2023	SUPERVISOR: James R. Brown, P.E. DATE: September 27, 2023	DESIGNER: Joshua S. Hallman, P.E. DATE: September 27, 2023	PLAN SUBMITTAL FINAL	 SHELBY COUNTY	HORIZ  SCALE (FEET)	SHEET TITLE	ROUTE
						PLAN SHEET	LANDFILL ACCESS RD