

Russell R. McMurry, P.E., Commissioner One Georgia Center 600 West Peachtree NW Atlanta, GA 30308 (404) 631-1990 Main Office

February 16, 2024

Honorable Michael Thurmond Chief Executive Officer DeKalb County Board of Commissioners 1300 Commerce Drive Decatur, Georgia 30030

Subject: P.I. No. 0016054, DeKalb County Actual Cost Agreement Undated – Water Facilities

Dear Mr. Thurmond:

Attached is an electronic counterpart of an undated Actual Cost Utility Agreement between **DeKalb County** and the Georgia Department of Transportation supported by an estimate for **\$3,653,406.52** of which the Department will bear **\$3,653,406.52** or **100**% and DeKalb County shall bear **0**% or **\$0.00**. The Agreement covers the adjustment of DeKalb County's water facilities in conflict with the above project. The Agreement will be dated upon execution on behalf of the Department.

If the attached Agreement meets with your approval, please handle for execution on behalf of DeKalb County and <u>return three (3) counterparts</u> to the State of Georgia, Office of Utilities, One Georgia Center, 600 West Peachtree Street, 10th Floor, Atlanta, Georgia 30308 for execution on behalf of the Department. Also, complete the attached resolution form and insert the date of resolution on page 6 of the Agreement. <u>The Official Seal of DeKalb County is required to be affixed to each counterpart in compliance with instructions from our Attorney General's Office.</u>

The Agreement includes in paragraph 5 the new BUY AMERICA requirements by the Federal Government, the BUILD AMERICA, BUY AMERICA ACT ("BABA") set forth under the Infrastructure Investment and Jobs Act, Pub. L. No. 117-58, §§ 70901-52, extends coverage of BUY AMERICA to include construction materials used for this project. Under BABA all construction materials furnished for permanent incorporation into the work on this project shall be manufactured in the United States.

Also, please provide DeKalb County's Federal Employee Identification Number (FEIN) in the blank shown on page 6 of the Agreement. This number is needed in order for the Department to make payment on your bill when it is submitted.

Mr. Michael Thurmond P.I. No. 0016054, DeKalb County Actual Cost Agreement Undated – Water Facilities February 16, 2024; Page 2 of 2

You are cautioned not to incur any construction expense in connection with the relocation of your utilities until you have been given written authorization by this office to proceed with the work covered by this Agreement.

If you have any questions or need further information, please contact Danah Bonny at 404-631-1709 or by e-mail at <u>dbonny@dot.ga.gov</u>. Please send correspondence by mail addressed to State of Georgia, Office of Utilities, One Georgia Center, 600 West Peachtree Street, 10th Floor, Atlanta, Georgia 30308 for execution on behalf of the Department.

Very truly yours,

Shajan Joseph, P.E. Assistant State Utilities Administrator

For: Nicholas Fields State Utilities Administrator

NF: SPJ: MGC: DB

Attachments

cc: Paul DeNard, P.E., District 7 Engineer Shun Pringle, District 7 Utilities Manager Albert Welch, P3 Project Manager Abdulvahid Munshi, Utility Coordinator Frantz Boileau, Utilities Preconstruction Specialist Account No. – Class: 733005- 309 Department ID: 4848010000 Program No.: 4181401

STANDARD UTILITY AGREEMENT ACTUAL COST UTILITY AGREEMENT – Water Facilities

GEORGIA PROJECT No.: N/A, DeKalb County G.D.O.T. P.I. No.: 0016054

THIS AGREEMENT, made this ______, by and between the Department of Transportation, an agency of the State of Georgia, hereinafter called the DEPARTMENT, first party, and **DeKalb County**, hereinafter called the LOCAL AGENCY, second party; and

WITNESS that:

WHEREAS, the DEPARTMENT proposes under the above numbered project to construct a Displaced Left Turn Interchange (DLTI) for the westbound to southbound movement on Interstate 85 at State Route 42/North Druid Hills Road in DeKalb County, Georgia with its funds or with funds apportioned to the State by the Federal Highway Administration under Title 23, Highways, of the Code of Federal Regulations (CFR); and

WHEREAS, due to the construction of this project, it will become necessary to make certain adjustments of the existing water facilities of the LOCAL AGENCY in accordance with the detailed cost estimate for \$3,653,406.52 prepared by the LOCAL AGENCY, attached hereto and made a part of this Agreement. The DEPARTMENT shall bear \$3,653,406.52 or 100.00% and the LOCAL AGENCY will bear \$0.00 or 0.00%; and

WHEREAS, said construction being the location and improvement of said road and the LOCAL AGENCY having its facilities presently located upon an easement with rights to install, operate and maintain such facilities on the rights-of-way thereof which were acquired prior to the acquisition of such rights-of-way by the DEPARTMENT; and

WHEREAS, the location of said presently existing facilities and the proposed new location of such facilities are shown on the highway construction plans for this project, a copy of said plans in pertinent part being attached hereto, it is desired that the LOCAL AGENCY adjust its facilities within the existing easement or move to the new location as shown on said plans and relinquish such existing easement rights as it may have on the present location and accept in lieu thereof the easement rights hereinafter stated.

NOW THEREFORE, in consideration of the premises and the mutual covenants of the parties hereinafter set forth, it is agreed:

1. It is specifically understood that the project number shown above is for the DEPARTMENT'S identification purposes only and may be subject to change by the DEPARTMENT. In the event it becomes necessary for the DEPARTMENT to assign a different project number, the DEPARTMENT shall notify the LOCAL AGENCY of the new project designation. Such change in project designation shall have no affect whatsoever on any of the other terms of this Agreement.

ACTUAL COST UTILITY AGREEMENT – Water Facilities

2. The LOCAL AGENCY hereby relinquishes its existing easement rights on the present location as shown on said plans where its facilities are to be moved and accepts from the DEPARTMENT in lieu thereof the easement right to install, operate and maintain its facilities along and across such rights-of-way at the new location shown on said plans as a full and complete consideration for the relinquishment and extinguishment of its presently existing rights. It is understood by the LOCAL AGENCY that the installation, operation and maintenance of its facilities shall be in accord with the current edition of the Utility Accommodation Policy and Standards Manual issued by the DEPARTMENT and Title 23 of the CFR, Chapter I, Subchapter G, Part 645, Subparts A and B. If necessary to adjust such facilities on future construction and maintenance work, then the cost of the subsequent adjustment shall be eligible for reimbursement in the same manner as the initial adjustment expense covered by this Agreement.

3. The LOCAL AGENCY, with its regular construction or maintenance crews and personnel, and at its standard schedule of wages and working hours, and working in accord with the terms of its agreements with such employees, shall make such changes in its facilities as may be necessary to permit the construction of the project and as may be required by the DEPARTMENT. The LOCAL AGENCY may let to contract any portion of the work contemplated subject to prior approval according to the terms and conditions contained in Title 23 of the CFR, Chapter I, Subchapter G, Part 645, Subparts A and B. The LOCAL AGENCY agrees to obtain prior approval from the DEPARTMENT before authorizing any contract engineering or construction work by third parties, except as may be shown in the detailed cost estimate attached hereto.

4. In accordance with the BUY AMERICA requirements of the Federal regulations (23 U.S.C. 313 and 23 CFR 635.410) all manufacturing processes for steel, iron and manufactured products furnished for permanent incorporation into the work on this project shall occur in the United States. The only exceptions to this requirement are (i) the production of pig iron and the processing, pelletizing and reduction of iron ore, which may occur in another country and, (ii) manufactured products that do not include steel and iron components. Other than these exceptions, all melting, rolling, extruding, machining, bending, grinding, drilling, coating, etc. must occur in the United States.

a. Products of steel include, but are not limited to, such products as structural steel piles, reinforcing steel, structural plate, steel culverts, guardrail, steel supports for signs, signals and luminaires. Products of iron include, but are not limited to, such products as cast iron frames and grates and ductile iron pipe. Coatings include, but are not limited to, the applications of epoxy, galvanizing and paint. The coating material is not limited to this clause, only the application process.

b. A Certificate of Compliance shall be furnished for steel and iron products as part of the backup information with the billing. The form for this certification entitled "Buy America Certificate of Compliance" is attached to this agreement and shall be provided to the DEPARTMENT upon completion of 80% of the agreement amount. Records to be maintained by the RAILROAD/UTILITIES and the DEPARTMENT for this certification shall include a signed mill test report and/or a signed certification by a supplier, distributor, fabricator, or manufacturer that has handled the steel or iron product affirming that every process, including the application of a coating, performed on the steel or iron product has been carried out in the United States of

ACTUAL COST UTILITY AGREEMENT – Water Facilities

America, except as allowed by this Section. The lack of these certifications will be justification for rejection of the steel and/or iron product or nonpayment of the work.

c. The requirements of said law and regulations do not prevent the use of miscellaneous steel or iron components, subcomponents and hardware necessary to encase, assemble and construct the above products, manufactured products that are not predominantly steel or iron, or a minimal use of foreign steel and iron materials, if the cost of such materials used does not exceed one-tenth of one percent (0.1%) of the total contract price or \$2,500.00, whichever is greater.

In addition to the BUY AMERICA requirements of the Federal regulations 5. (23 U.S.C. 313 and 23 CFR 635.410) outlined in Section 4 above, the BUILD AMERICA, BUY AMERICA ACT ("BABA") set forth under the Infrastructure Investment and Jobs Act, Pub. L. No. 117-58, §§ 70901-52, extends coverage of BUY AMERICA to include construction materials used for this project. Under BABA all construction materials furnished for permanent incorporation into the work on this project shall be manufactured in the United States. The White House Office of Management and Budget (OMB) Memorandum M-22-11, Initial Implementation Guidance on Application of Buy America Preference in Federal Financial Assistance Programs for Infrastructure, defines a "construction material" as an article, material, or supply that is or consists primarily of: non-ferrous metals; plastic and polymer-based products (including polyvinylchloride, composite building materials, and polymers used in fiber optic cables); glass (including optic glass); lumber; or drywall. Items excluded from construction materials under OMB Memo M-22-11 are: items of primarily iron or steel; a manufactured product; cement and cementitious materials; aggregates such as stone, sand, or gravel; or aggregate binding agents or additives.

a. Items that consist of two or more of the above-listed construction materials that have been combined together through a manufacturing process, and items that include at least one of the above-listed construction materials combined with a material that is not listed through a manufacturing process, should be treated as manufactured products, rather than as construction materials. Manufactured products that do not contain steel and iron components are not subject to BUY AMERICA requirements as set forth under Section 4 above.

b. The BUY AMERICA preference only applies to articles, materials, and supplies that are consumed in, incorporated into, or affixed to this project. It does not apply to tools, equipment, and supplies brought to the construction site and removed at or before the completion of this project (e.g., temporary aluminum scaffolding). Additionally, the BUY AMERICA preference does not apply to equipment and furnishings that are used at or within the finished infrastructure project but are not permanently affixed to the project or an integral part of the structure (e.g., movable chairs, desks, or computer equipment).

c. A Certificate of Compliance shall be furnished for Construction Materials, as part of the backup information with the billing and on material furnished according to the actual cost account agreement. The form for this certification entitled "Build America, Buy America Certificate of Compliance for Construction Materials" is attached to this agreement and shall be provided to the DEPARTMENT upon completion of 80% of the agreement amount. Records to be maintained by the COMPANY and the DEPARTMENT for this certification shall include a

ACTUAL COST UTILITY AGREEMENT - Water Facilities

signed mill test report and/or documentation by a supplier, distributor, fabricator, or manufacturer that has handled the construction materials affirming that all manufacturing, to include at least the final manufacturing process and the immediately preceding manufacturing stage has been carried out in the United States of America, except as allowed by this Section. The lack of these certifications will be justification for rejection of the construction materials or nonpayment of the work.

The DEPARTMENT shall pay monthly bills promptly upon receipt and 6. verification thereof by the DEPARTMENT. Upon completion of the work the LOCAL AGENCY shall submit one final bill to the DEPARTMENT and the DEPARTMENT shall make a conditional final payment promptly upon verification of the final bill by the DEPARTMENT. The total liability of the DEPARTMENT shall not exceed the reimbursable cost of the work as ascertained by computing the items of cost as set forth in the aforesaid Title 23 of the CFR, Chapter I, Subchapter G, Part 645, Subparts A and B. At any time within three years after the date of the conditional final payment the DEPARTMENT may audit the cost records and accounts of the LOCAL AGENCY pertaining to this project and will bill the LOCAL AGENCY any amount of any unallowable expenditure made in the conditional final payment of this Agreement or, if no unallowable expenditure is found, notify the LOCAL AGENCY of that fact in writing. If the LOCAL AGENCY does not pay any such bill within thirty days of receipt of the bill from the DEPARTMENT, the DEPARTMENT may set-off the amount of such bill against the amounts owed the LOCAL AGENCY on any then-current agreement between the LOCAL AGENCY and the DEPARTMENT. For audit purposes, the cost records and accounts of the LOCAL AGENCY pertaining to this project shall be made available to the representatives of the DEPARTMENT or the Federal Highway Administration at the General Office of the LOCAL AGENCY during the progress of the work and for a period of not less than three years from the date conditional final payment has been received by the LOCAL AGENCY.

7. The LOCAL AGENCY expressly agrees that the DEPARTMENT may setoff against the net payments provided for herein an amount equal to that amount which has been identified by either a State or Federal audit as unallowable expenditure in any agreement between the LOCAL AGENCY and the DEPARTMENT on which a conditional final payment has been made.

8. The DEPARTMENT shall not be bound to pay any amount in excess of the reimbursable portion of the detailed cost estimate attached hereto, nor for any items of work not provided for in the detailed cost estimate. In the event it is determined that a change in the work to be performed by the LOCAL AGENCY shall be required or that an increase in cost anticipated will be incurred by the LOCAL AGENCY, a written change or extra work order approved by the DEPARTMENT will be required as provided in Title 23 of the CFR, Chapter I, Subchapter G, Part 645, Subparts A and B. The amount of the detailed cost estimate attached hereto will be allotted from available funds and written notice given to the LOCAL AGENCY by the DEPARTMENT before the LOCAL AGENCY is authorized to proceed with the work to be performed by the LOCAL AGENCY under this Agreement.

9. The DEPARTMENT shall not be liable for payment of any bill received

ACTUAL COST UTILITY AGREEMENT – Water Facilities

more than twelve (12) months after all work under this Agreement is completed unless the LOCAL AGENCY and DEPARTMENT have agreed in advance to an extension of the billing period in writing. Unless an extension of the billing period has been agreed, the DEPARTMENT may consider payment made up to one year following completion of the work to be final.

10. It is mutually agreed that the final cost of the changes in the facilities of the LOCAL AGENCY covered by the detailed cost estimate shall be borne by the LOCAL AGENCY and the DEPARTMENT on the percentage basis indicated in said estimate.

11. The LOCAL AGENCY shall be responsible for providing signing and other traffic control measures during construction in accordance with the Manual on Uniform Traffic Control Devices, current edition, and as required by the DEPARTMENT'S engineer.

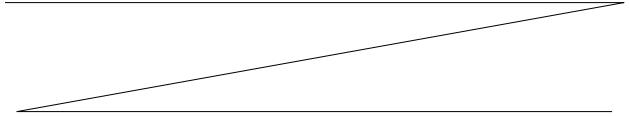
12. The DEPARTMENT agrees to notify the LOCAL AGENCY when the highway construction contract is awarded and furnish the name of the contractor who will perform the highway work. The LOCAL AGENCY agrees to plan with the DEPARTMENT'S contractor a schedule of operations which shall clearly set forth at which stage of the Contractor's operations the LOCAL AGENCY will need to perform its removal, relocation and adjustment work. Further, the work covered under this Agreement shall be completed in conjunction with the approved Work Plan submitted by the LOCAL AGENCY and no later than the overall completion date as indicated in the construction agreement entered into between the DEPARTMENT and the lowest responsive bidder. The DEPARTMENT will notify the LOCAL AGENCY in writing of this final completion date.

13. Pursuant to O.C.G.A. Sec. 50-5-85, LOCAL AGENCY hereby certifies that it is not currently engaged in, and agrees that for the duration of this contract, it will not engage in a boycott of Israel.

14. It is mutually agreed between the parties hereto that this document shall be deemed to have been executed in the Fulton County, Georgia and that all questions of interpretation and construction shall be governed by the laws of the State of Georgia.

15. The covenants herein contained shall, except as otherwise provided, accrue to the benefit of and be binding upon the successors and assigns of the parties hereto.

16. This Agreement may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, and such counterparts shall together constitute but one and the same Agreement. The parties shall be entitled to sign and transmit an electronic signature of this Agreement (whether by facsimile, PDF or other email transmission), which signature shall be binding on the party whose name is contained therein. Any party providing an electronic signature agrees to promptly execute and deliver to the other parties an original signed Agreement upon request.



ACTUAL COST UTILITY AGREEMENT – Water Facilities

IN WITNESS WHEREOF, the parties hereto have set their hands and affixed their seals, caused this Agreement to be executed in three counterparts, each to be considered as an original by their authorized representative the day and date hereinabove written.

DEKALB COUNTY

		BY: CEO
Signed on beh	alf DEKALB COUNTY pursuant t	o resolution dated
********	******	
		BY: SECRETARY/ASST. SECRETARY
******	*****	SECRETARY/ASST. SECRETARY (OFFICIAL SEAL)
RECOMMEN BY:		ACCEPTED: DEPARTMENT OF TRANSPORTATION
	JTILITIES ADMINISTRATOR	
SIAIL	ILTIES ADVINISTRATOR	BY:
		COMMISSIONER
PROJECT No COUNTY: P.I. No.: DATE:	DeKalb	Signed, sealed and delivered this day of, 20,
	e seal imprinted herein is the Officia	(OFFICIAL SEAL OF THE DEPARTMENT) al Seal of the DEPARTMENT.

BY: _____

TREASURER (OFFICIAL CUSTODIAN OF THE SEAL)

ACTUAL COST UTILITY AGREEMENT - Water Facilities

RESOLUTION

STATE OF GEORGIA

DEKALB COUNTY

BE IT RESOLVED by the BOARD OF COMMISSIONERS of DEKALB COUNTY, and it is hereby resolved, that the foregoing attached Agreement, relative to project N/A, DEKALB COUNTY, P.I. No. 0016054 to construct a Displaced Left Turn Interchange (DLTI) for the westbound to southbound movement on Interstate 85 at State Route 42/North Druid Hills Road in DeKalb County and that Mr. Michael Thurmond as Chief Executive Officer and _____, as Clerk, be and they are, thereby authorized and directed to execute the same for and in behalf of said by the Board of Commissioners of DeKalb County.

Passed and adopted, this the _____ day of _____, 20___.

ATTEST:

COUNTY CLERK

BY: CHIEF EXECUTIVE OFFICER

STATE OF GEORGIA,

DEKALB COUNTY

I_____, as Clerk, do hereby certify that I am custodian of the books and records of the same, and that the above and foregoing copy of the original is now on file in my office, and was passed by the BOARD OF COMMISSIONERS of DEKALB COUNTY. WITNESS my hand and official signature, this the _____ day of _____,

20_____.

BY: _____COUNTY CLERK

GEORGIA DEPARTMENT OF TRANSPORTATION BUY AMERICA CERTIFICATE OF COMPLIANCE

Date _____, 20_____

WE,____

(UTILITY/RAILROAD OWNER)

Address: _____

Hereby certify that we are in compliance with the "Buy America" requirements of the Federal regulations 23 U.S.C. 313 and 23 CFR 635.410 of this project.

P.I. NO. 0016054 - TO CONSTRUCT A DISPLACED LEFT TURN INTERCHANGE (DLTI) FOR THE WESTBOUND TO SOUTHBOUND MOVEMENT ON INTERSTATE 85 AT STATE ROUTE 42/NORTH DRUID HILLS ROAD IN DEKALB COUNTY, GEORGIA.

As required, we will maintain all records and documents pertinent to the Buy America requirement, at the address given above, for not less than 3 years from the date of project completion and acceptance, if we do not provide the records and documents during invoicing. If all records and documents pertinent to the Buy America requirement are delivered during invoicing, then we will maintain all records and documents pertinent to the Buy America requirement for not less than three (3) years from the date conditional final payment has been received by the COMPANY. These files will be available for inspection and verification by the Department and/or FHWA.

We further certify that the total value of foreign steel as described in the Buy America requirements for this project does not exceed one-tenth of one percent (0.1%) of the total contract price or \$2,500.00, whichever is greater.

Signed by _____ (Officer of Organization)

Title _____

Subscribed and sworn to before me this _____day of _____

Notary Public/Justice of the Peace

My Commission Expires:



BUILD AMERICA, BUY AMERICA CERTIFICATE OF COMPLIANCE FOR CONSTRUCTION MATERIALS

Date _____, 20_____

We,

(UTILITY/RAILROAD OWNER)

Address:

Hereby certify that we are in compliance with the "BUILD AMERICA, BUY AMERICA" ("BABA") requirements of the Infrastructure Investment and Jobs Act ("IIJA"), as set forth under Pub. L. No. 117-58, §§ 70901-52, and that all construction materials as defined under BABA furnished for the referenced project, have been produced in the United States of America.

P.I. NO. 0016054 - TO CONSTRUCT A DISPLACED LEFT TURN INTERCHANGE (DLTI) FOR THE WESTBOUND TO SOUTHBOUND MOVEMENT ON INTERSTATE 85 AT STATE ROUTE 42/NORTH DRUID HILLS ROAD IN DEKALB COUNTY, GEORGIA.

We further certify that as required, we will maintain all records and documents pertinent to the BABA requirements, at the address given above, for not less than 3 years from the date of project completion and acceptance, if we do not provide the records and documents during invoicing. If all records and documents pertinent to the BABA requirements are delivered during invoicing, then we will maintain all records and documents pertinent to the BABA requirements for not less than three (3) years from the date conditional final payment has been received by the COMPANY. These files will be available for inspection and verification by the Department and/or FHWA.

Signed by		Title			
(Officer of Organization)					
Subscribed and sworn to before me this	_day of		 ,	 	
	-		 - ·		

Notary Public/Justice of the Peace

My Commission Expires:



GEORGIA SECURITY AND IMMIGRATION COMPLIANCE ACT AFFIDAVIT

Contractor's Name:	DEKALB COUNTY
Solicitation/Contract No./ Call No. or Project Description:	PROJECT NO. N/A, P.I. NO. 0016054, DEKALB COUNTY, TO CONSTRUCT A DISPLACED LEFT TURN INTERCHANGE (DLTI) FOR THE WESTBOUND TO SOUTHBOUND MOVEMENT ON INTERSTATE 85 AT STATE ROUTE 42/NORTH DRUID HILLS ROAD.

CONTRACTOR AFFIDAVIT

By executing this affidavit, the undersigned contractor verifies its compliance with O.C.G.A. § 13-10-91, stating affirmatively that the individual, entity or corporation which is engaged in the physical performance of services on behalf of the Georgia Department of Transportation has registered with, is authorized to use and uses the federal work authorization program commonly known as E-Verify, or any subsequent replacement program, in accordance with the applicable provisions and deadlines established in O.C.G.A. § 13-10-91.

Furthermore, the undersigned contractor will continue to use the federal work authorization program throughout the contract period and the undersigned contractor will contract for the physical performance of services in satisfaction of such contract only with subcontractors who present an affidavit to the contractor with the information required by O.C.G.A. § 13-10-91(b). Contractor hereby attests that its federal work authorization user identification number and date of authorization are as follows:

Federal Work Authorization User Identification Number (EEV/E-Verify Company Identification Number) Date of Authorization

Name of Contractor

I hereby declare under penalty of perjury that the foregoing is true and correct

Printed Name (of Authorized Officer or Agent of Contractor)

Signature (of Authorized Officer or Agent)

SUBSCRIBED AND SWORN BEFORE ME ON THIS THE

____DAY OF______, 20_____

Notary Public

My Commission Expires: _____

Title (of Authorized Officer or Agent of Contractor)

Date Signed

[NOTARY SEAL]

Estimate to Support Agreement for Relocation, Removal, or Adjustment of Facilities in Conflict with Proposed Transportation Construction

Company:	Dekalb Watershed Management
Address:	1300 Commerce Drive, Decatur, GA 30030
*Estimate I	Prepared By: Edmond Killingbeck
Project #: PI #:	I-85 N Druid Hills @ Bridge over Peachtree Creek County: DeKalb 0016054
The I-85 AT constructing a	partment of Transportation (GDOT) Project Description: sr42/North Druid Hills Rd project is adding a displaced left turn for westbound to southbound movement, un additional structure over I-85, adding a braided ramp from I-85 northbound off-ramp to I-85 nb access road, and
replacing SR4	¹² Bridge over Preachtree Creek.
Method of A	42 Bridge over Preachtree Creek. Accounting: [Section 645.113f and Section 645.117, 23 CFR 645A] whod that Applies) Work Order Accounting Procedure prescribed by regulatory body.
Method of A	Accounting: [Section 645.113f and Section 645.117, 23 CFR 645A] shod that Applies)
Method of A	Accounting: [Section 645.113f and Section 645.117, 23 CFR 645A] whod that Applies) Work Order Accounting Procedure prescribed by regulatory body.
Method of A	Accounting: [Section 645.113f and Section 645.117, 23 CFR 645A] whod that Applies) Work Order Accounting Procedure prescribed by regulatory body. Established accounting procedure approved by State and FHWA.

Edmond Killingbeck, Staff Engineer Sr.	February 14, 2024
Name and Title of Authorized Company Representative	Date

Company Representative hereby certifies the Estimate and agrees that the Estimate shall remain valid for one year from the above authorized date. After one year from the authorized date, the Estimate may be subject to revision by the Utility Company.

*Please Provide Two (2) sets of Relocation Plans and Two (2) sets of signed estimates.

2. 1101	ns and Estimate Prepared By: <i>(Check Applicable Party)</i>	
X	Forces of this Company	
	Consultant: (Name	
	and Address)	a da anti-anti-anti-anti-anti-anti-anti-anti-
	Approval of Consultant given by GDOT letter dated:	Amount:
_	Effective date of Contract, if a Continuing Contract:	Exp. Date:
	The Certificate of Consultant Form is attached to the Con	
	Scope of Work Detailing Preliminary Engineering and Co Estimate of Engineering Services.	onstruction Engineering attached to Consultan
Total Dr	reliminary Engineering Costs	\$111,582.00
Total Pr		
Total Co	onstruction Engineering Costs	ation to Estimate - See Exhibit:
Total CC		ation to Estimate - See Exhibit:
NOTE:	Payment for Construction Engineering will not be allowed j	
Total P	reliminary and Construction Engineering Costs	\$111,582.00
Right of	f Way Acquisition [Section 645.111, 23 CFR 645A]	
(Check	Applicable Section)	
) П	Replacement R/W or Easements are not required for adju	stment of utilities facilities on this Project.
	Replacement R/W shown on plans will be acquired by the	
	furnished).	
x		lans will be acquired by the Company.
	ost of Right of Way Acquisition	\$638,000,00
Total C	ost of Right of Way Acquisition Attach Support Documentation to Estimate Include Estin	\$638,000.00
Total C	Attach Support Documentation to Estimate. Include Estin	nates for Appraisal, Negotiation,
	Attach Support Documentation to Estimate. Include Estin Recording, and Right-of-Way or Easement Costs - See Ex	nates for Appraisal, Negotiation, chibit:
Constru	Attach Support Documentation to Estimate. Include Estin Recording, and Right-of-Way or Easement Costs - See Ex action [Section 645.115 and Section 645.117, 23 CFR 645A	nates for Appraisal, Negotiation, chibit:
Constru	Attach Support Documentation to Estimate. Include Estin Recording, and Right-of-Way or Easement Costs - See Ex	nates for Appraisal, Negotiation, chibit:
Constru	Attach Support Documentation to Estimate. Include Estin Recording, and Right-of-Way or Easement Costs - See Ex action [Section 645.115 and Section 645.117, 23 CFR 645A	nates for Appraisal, Negotiation, chibit:
Constru	Attach Support Documentation to Estimate. Include Estin Recording, and Right-of-Way or Easement Costs - See Ex action [Section 645.115 and Section 645.117, 23 CFR 645A	nates for Appraisal, Negotiation, chibit:
Constru	Attach Support Documentation to Estimate. Include Estin Recording, and Right-of-Way or Easement Costs - See Ex action [Section 645.115 and Section 645.117, 23 CFR 645A	nates for Appraisal, Negotiation, chibit:
Constru A. Desc	Attach Support Documentation to Estimate. Include Estin Recording, and Right-of-Way or Easement Costs - See Ex action [Section 645.115 and Section 645.117, 23 CFR 645A cription of Proposed Utility Work:	nates for Appraisal, Negotiation, chibit:]
Constru A. Desc B. The	Attach Support Documentation to Estimate. Include Estin Recording, and Right-of-Way or Easement Costs - See Ex action [Section 645.115 and Section 645.117, 23 CFR 645A cription of Proposed Utility Work: Company will perform the work provided for in this Estimate	nates for Appraisal, Negotiation, chibit:]
Constru A. Desc B. The (Che	Attach Support Documentation to Estimate. Include Estim Recording, and Right-of-Way or Easement Costs - See Ex action [Section 645.115 and Section 645.117, 23 CFR 645A cription of Proposed Utility Work: Company will perform the work provided for in this Estimate eck Applicable Method - see page 3 for continuation)	nates for Appraisal, Negotiation, chibit:]
Constru A. Desc B. The	Attach Support Documentation to Estimate. Include Estim Recording, and Right-of-Way or Easement Costs - See Exaction [Section 645.115 and Section 645.117, 23 CFR 645A cription of Proposed Utility Work: Company will perform the work provided for in this Estimate eck Applicable Method - see page 3 for continuation) By Company's Regular Forces	nates for Appraisal, Negotiation, chibit:] by the following method:
Constru A. Desc B. The <i>(Che</i>	 Attach Support Documentation to Estimate. Include Estim Recording, and Right-of-Way or Easement Costs - See Exaction [Section 645.115 and Section 645.117, 23 CFR 645A cription of Proposed Utility Work: Company will perform the work provided for in this Estimate eck Applicable Method - see page 3 for continuation) By Company's Regular Forces The Company Proposes to use its regular construction or maintee 	nates for Appraisal, Negotiation, chibit:] by the following method:
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GDOT - State Utilities Office

Company Name, Address, and Contact Person and Number below:

	By Existing Continuing Contract Subject to the approval of the Department and the FHWA, the Company proposes to use an experformed under which certain work as shown by the Company's estimate is regularly perform under which the lowest available costs are developed. The name of the contractor or contract company's estimate. Please indicate the Company Name, Address, and Contact Person and N attach additional names to Estimate). Once the Company selects a continuing contractor <u>a cop</u> <u>contract has to be submitted to the Department for approval before any work begans.</u>	ned for the Company and ors are listed in the fumber below (If needed,
	Effective Date of Continuing Contract: Expiration Date:	
C. Deta	ail of Construction Costs	
	Labor Costs [Section 645.117, 23 CFR 645A]	\$2,903,824.52
	<i>Attach Support Documentation to Estimate, Including Additives - See Exhibit:</i> Materials Costs [Section 645.117(e), 23 CFR 645A]	
	Attach Support Documentation to Estimate - See Exhibit:	
	Right-of-Way Clearing & Trimming Costs	
	<i>Attach Support Documentation to Estimate - See Exhibit:</i> Equipment Costs [Section 645.117(f), 23 CFR 645A]	
	Attach Support Documentation to Estimate - See Exhibit:	1
Total (Construction Costs	\$2,903,824.52
Total	Costs of Proposed Relocation (V through VII)	\$3,653,406.52
(Check	 crued Depreciation (Expired Service Life) [Section 645.117(h), 23 CFR 645A] <i>Applicable Statement</i>) Accrued Depreciation is not allowed in this estimate. Accrued Depreciation is allowed in this estimate. <i>Provide Detailed Description/Explanation i.e. Pumping Station, Filtration Plant, Powe</i> 	er Plant, Substation, etc.)
,		
Accrue	d Depreciation Credit	
D G 1	Attach Support Documentation to Estimate - See Exhibit:	
	vage [Section 645.117(e), 23 CFR 645A]	
	Applicable Statement) Salvage is not allowed in this estimate because:	
	Sarvage is not anowed in this estimate occause.	
	Salvage from temporary material is not allowed because:	
	Salvage is allowed in this estimate.	
	Salvage from temporary material is allowed.	
requirer confirm it may b	partment and the FHWA shall have the right to inspect recovered materials prior to disposal by sa nent will be satisfied by the Company giving two weeks written notice to the Department or oral ation of the time and place the materials will be available for inspection. This notice is the respon- be held accountable for full value of materials disposed of without notice. If recovered materials a d of as outlined in Section 645.117(e), 23 CFR 645A.	notice followed by written nsibility of the Company and
	alvage Credit Accrued Depreciation and Salvage Credit	\$0.00

Estimate for Relocation, Removal, or Adjustment of Utility Facilities

X. Total Cost of Relocation

(Less Credits for Accrued Depreciation and Salvage Value, VIII-IX)

XI. Betterment Credit [Section 645.117(h), 23 CFR 645A] (Check Applicable Statement)

 Betterment credit is not allowed in this estimate since there is to be no functional increase in size in the replaced facility unless caused by proposed highway construction

 Betterment credit is allowed as shown in the following comparison:

 Location of Betterment: (Please indicate Station, Route Name, and Number)

 Betterment Credit Amount

 \$0.00

 *Attach Support Documentation to Estimate - See Exhibit:

 *Include Estimate for Cost to Install Proposed Facilities to Produce Current Capacity and the Cost to Install Proposed Facilities for Increased Capacity.

XII. Total Estimated Cost of Reimbursable Adjustments (Item X less Item XI)

XIII. Proportionate Share

(Check Applicable Statement - 1, 2, or 2 & 3)

X 1. The Department will bear 100 percent of the cost of the adjustments.

2. The Company will participate in a pro rata share of the cost of adjustments (No Betterments).

 Percentage Split:
 Company Participation (If 0%, insert 100% for GDOT Participation)

 GDOT Participation
 GDOT Participation

 Total
 0.00%
 (Total Shall be 100%)

Attach Support Documentation/Detailed Calculations to Estimate - See Exhibit:

3. The Company will participate in a pro rata share of the cost of the adjustments <u>determined</u> <u>as Betterments</u>.

\$3,653,406.52

\$3,653,406.52

Estimate for Relocation, Removal, or Adjustment of Utility Facilities Summary of Costs

V.Preliminary and Construction Engineering\$111,582.00VI.Right-of-Way Acquisition Costs\$638,000.00VII.Construction Costs\$2,903,824.52VIII.Total for Proposed Relocation Work $(V+VI+VII)$ \$3,653,406.52IX.Total Accrued Depreciation and Salvage Credits(-) \$0.00X.Total Relocation Work\$3,653,406.52XII.Betterment Credit(-) \$0.00XII.Total Estimate of Reimbursable Adjustments $(X-XI)$ \$3,653,406.52XIII.Proportionate Share: Check Applicable Statement and Insert Above Estimate Amounts from X, XI, and XIIX1. The Department will bear 100 percent of the cost of the adjustments (See XII).XIII.XII. Total Estimate of Reimbursable Adjustments (See XII).XII.XII. Total Estimate of Reimbursable Adjustments (See XII).2.The Company will Participate in a pro rata share of the cost of adjustments (No Betterments).VII.Total Estimate of Reimbursable AdjustmentsPercentage Split (Insert From Page 4)Proportionate Share:Percentage Split (Insert From Page 4)Proportionate Share:Company Participation\$0.00GDOT Partic	\$111,582.00				
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Arithmetic E	ytensions Ch	necked and Found Gerrect.	
1.		Testi a	
104	M	Tuttle	2/14/2024
		on Liaison (Signature)	(Date)

Certificate of Eligibility for Utility Reimbursement

Company Name:	Dekalb Watershed Management
GDOT Project No:	
GDOT PI No:	0016054
County:	Dekalb

The Company shall attach a completed Facility Detail Summary to substantiate and prove its facilities are eligible for reimbursement. As a minimum, the Company shall provide the following information:

Location of Facility (Referencing Project Station Number and intersecting street, road, or highway)

Date Existing Facility was installed by Utility Owner

Indicate location of utilities: Private property by deed or easement or on a public facility by permit. Indicate dates of all applicable deeds, easements, or permits.

Case Number of Reimbursement eligibility (See Chapter 4 of the Utility Accommodation Policy and Standards Manual - classification to be made by the Utility Company and Verified by GDOT District Utilities Office)

Any other information that may assist the Department in certifying eligibility.

This is to certify that the utility facilities as presently existing and as to be adjusted or relocated and as shown on the plans and estimate of cost supporting the Utility Relocation Agreement for which reimbursement is to be claimed, are owned, operated and maintained the company listed above. The facts concerning location of utility facilities, dates of installations and records of the Company showing its property interests will be made available for inspections by representatives of the Department at the office of the Company. It is further certified that the facilities shown as located on private property are correctly shown; that the facilities as located on streets and roads or other permits and franchise rights are correctly shown.

Edmond Killingbeck, Staff Engineer Sr.	February 14, 2024
Name and Title of Authorized Company Representative	Date

The facilities noted on the attached summary, as required by this estimate, have been reviewed in the field with a representative of the Utility Owner. This is to certify that the facilities noted on the attached summary and shown to be on streets, roads, highways, or other public facilities are correct, and the facilities shown to be on private property are correct; further, that the cost of adjustment as covered by the attached estimate is eligible for reimbursement by the Department under the noted case(s) as described in Chapter 4 of the Utility Accommodation Policy and Standards Manual.

TIA

DB/P3 Utility Coordination GDOT Liaison

2/14/2024 Date

Certificate of Eligibility for Utility Reimbursement Facility Detail Summary

Company Name:	Dekalb Watershed Management
Georgia Project No:	Ŭ
Georgia PI No:	0016054
County:	Dekalb

		Facility Right	or Permission		
Facility Location (Provide	Date Existing		Public Facility by Permit	Insert	Supplemental Information
Station Number and		or Easement	or Franchise	Reimbursement	
	Installed			Case Number 1-	
Highways)				10 as outlined in	
liigii (ays)				4.2.A.2 Manual	
West Druid Hills @ N. Druid Hills	1981			VIII	



TO:	David Hayes, Direc	etor			Chief Executive Officer Michael Thurmond
FROM:	Kerry Williams, P.	E., PMP, Engine	ering Manager		Board of Commissioners
			0 0		District 1 Robert Patrick
DATE:					District 2 Jeff Rader
SUBJECT:					District 3 Larry Johnson
<u>Capital Project</u> Priority (assign		High Med	ium Low		District 4 Stephen Bradshaw
Request is for:	•	111911 11100			District 5 Mereda Davis Johnson
Scope of Work	for the Project:				District 6 Edward "Ted" Terry
					District 7 Lorraine Cochran-Johnson.
Contract term (: er or Account nui (expiration):		ble:		
	oject amount/budg				
Total: Estimated date = Right of way en City of State of Georgia DeKalb County	Completed for completion of croachment perm Status: Status: Status:	: easement or rig it(s):	required for the project: Pending: ht-of-way acquisition:		
Utility relocation Electric:	ons or permits req Gas:	uired for the pr Railroad:	oject: Telecommunications:	Other:	

Describe requested:

- 1. Bonding
- 2. Insurance
- 3. Liquidated Damage Penalties
- 4. Retainage
- 5. OCIP Application
- 6. Licensing/Certification Required

Pre-proposal/Pre-bid meeting:MandatoryOptionalName and contact information for Project Manager:

DeKalb County Department of Watershed Management 4572 Memorial Drive Decatur, Georgia 30032 Email: Phone:



December 16, 2022

Mr. Kerry Williams, PE, PMP Engineering Manager Dekalb County Department of Watershed Management 180 Sams Street, B3200 Decatur, GA 30030

RE: West Druid Hills Rd Water Main Relocation

Dear Mr. Williams,

The WSP team appreciates the opportunity to submit this proposal for services in the above referenced project. We understand that the Georgia Department of Transportation (GDOT) plans to replace the existing SR 42 North Druid Hills Road bridge over Peachtree Creek. We further understand that the existing bridge includes an attached 8-inch water main which GDOT has requested be removed during demolition and reconstruction. The DeKalb Department of Watershed Management (DWM) has requested the services of the WSP team under the Engineering Services Contract for the re-routing of the existing water main along West Druid Hills Road. These services are to include Field Surveying, Easement Plat Preparation, Engineering Design and Permitting to facilitate construction of the re-routed water main. Our detailed proposal for the requested services is as follow:

Task 1 – Project Management

The WSP team will prepare a Project Management Plan, Project Safety Plan and Project Quality Plan appropriate to the level of complexity of the project. The WSP team Project Manager (PM) will attend one (1) kickoff meeting to be scheduled upon issuance of Notice to Proceed. WSP team will attend up to two (2) design coordination/review meetings required to address any comments for design package submittals. Project Management task will also include preparation of monthly invoices, progress reports, project schedule updates and dashboard maintenance.

Task 2 - Field Survey and Easement Plats

WSP team with subconsultant Accura Engineering and Consulting will provide field surveying services to include the following scope of services:

- Research adjoining property owners obtain current deeds and plats
- Obtain existing utility records via 811 and utility owners
- Set GPS control "pairs" (NAD 1983(2011), NAVD 1988, SPCS GA West 1985) via eGPS solution
- Set project control
- Field survey of front property evidence
- Field survey of terrain breaklines and ground points (typical DTM features)
- Field survey of existing edge of pavements, back of curb and road centerlines
- Field survey of existing buildings, sidewalks, walls, fences, driveway, etc. (typical topographic features)

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- Field survey of existing storm sewer systems (sizes, types and inverts)
- Field survey of existing sanitary sewer systems (sizes, types and inverts)
- Field survey of above ground "visible" utilities
- Field survey of existing commercial, mile post, city/county/state boundary and posted speed limit signs
- Property resolution
- CAD/DTM

Deliverables:

Deliverables:

- 2020 AutoCAD Civil 3D file with tin surface
- Eight (8) Legal descriptions with exhibit maps (PDF) based on DWM Standard



Proposed Limits of Survey



Task 3 – Conceptual Design

WSP team conduct a site visit and prepare a conceptual design showing proposed horizontal layout of water main and major appurtenances. The conceptual design will identify the properties which will require easements. The conceptual design will be submitted to DWM for concurrence prior to proceeding to the preliminary design phase.

Task 4 – Preliminary Design

WSP team will prepare preliminary (60 Percent) design based on the approved concept to include the geometric alignment and configuration of the proposed water main and appurtenances to include the following:

- General Notes
- Plan Sheets (profiles as required)
- Summary of Quantities
- Standard and Special Detail Sheets
- Erosion and Sediment Control Plan Sheets
- Preliminary Opinion of Probable Construction Cost

WSP team will attend a preliminary design review meeting, as needed, to discuss any DWM comments. WSP team will meet with permitting agencies to clarify the permitting requirements based on the preliminary design.

Task 5 – Final Design

WSP team will prepare Final Design plans based on the 60 Percent design submittal and any comments received. In addition to the plan sheets included with the Preliminary Design, the Final Design will include the following:

- Traffic Control Notes
- Special Permit Drawings (as required)
- Final Opinion of Probable Construction Cost

Project Staff

Michael Wooten, PE – Project Manager Geoff Donald, PE – Senior Engineer (QC Review) Brandt Broughton, PE – Staff Engineer Casey Choi, PE - Project Engineer (Permitting) Richard Sinz-Lopez – Junior Engineer (Permitting) Ansley Goode – Junior Engineer TBD – Admin Assistant

wsp

TASK/LABOR BREAKDOWN

	Project	Senior	Project	Staff	Junior	Admin		
	Manager	Engineer	Engineer	Engineer	Engineer	Assist	Total	
2023 Rates	\$241	\$228	\$196	\$170	\$117	\$101		
Task 1 Project Management								
Kickoff Meeting	2							
Develop PM Documents	6			4				
Invoicing and Reporting	8					6		
Task Sub Total	16	0	0	4	0	6	26	\$5,142
Task 2 Field Survey and Easement Plats								
Review Field Survey and Esmt Plats	8							
Task Sub Total	8	0	0	0	0	0	8	\$1,928
Task 3 Conceptual Design								
Site Visit	4			4				
Conceptual Layout	4			8				
Task Sub Total	8	0	0	12	0	0	20	\$3,968
Task 4 Preliminary (60 Percent) Design								
Response to Conceptual Design Comment	2			4				
Develop Preliminary Design Documents	16			60	80			
ESPC and Other Permit Drawings	4		16		20			
Prepare Cost Estimate	8			8				
QC Review		4						
Task Sub Total	30	4	16	72	100	0	222	\$35,218
Task 5 Final (100 Percent) Design								
Response to ext reviewer comments	8			8				
Develop Final Design Documents	2			40	60			
Finalize Permit Packages	4		8		12			
Prepare Cost Estimate	8			8				
QC Review		4						
Task Sub Total	22	4	8	56	72	0	162	\$25,726
Project Total Hours	84	8	24	144	172	6	438	
Project Labor Total Cost	\$20,244	\$1,824	\$4,704	\$24,480	\$20,124	\$606	\$71,982	\$71,982

TASK SUMMARY

		HOURS	COST
TASK 1	PROJECT MANAGEMENT	26	\$5,142
TASK 2	SURVEY & ESMT PLATS	8	\$1,928
TASK 3	CONCEPTUAL DESIGN	20	\$3,968
TASK 4	PRELIMINARY DESIGN	222	\$35,218
TASK 5	FINAL DESIGN	162	\$25,726
SUBCONSU	LTANTS		\$39,600
EXPENSES			\$0
TOTAL			\$111,582



Assumptions

- 1. Bidding Assistance and Construction Administration support are not included.
- 2. Detailed traffic control plans are not included. Design submittal will establish minimum requirements in accordance with the Manual on Uniform Traffic Control Devices. Contractor shall be responsible for securing lane closure permits as required.
- Potential permits include: GDOT GUPS DeKalb County Land Disturbance Permit
- 4. Land acquisition services are not included.

If you have any questions or need any additional information, please contact us.

Sincerely,

WSP USA, Inc.

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Michael Wooten, PE Water/Wastewater Market Director – Georgia

c: Claudia Bilotto, AICP Everett Gupton, PE



We are pleased to provide the following pricing for the subject project.

Please contact us if you at 770.981.3555 if you have any questions or require additional information.

		GENERAL BID IT		Change Order #1a		Change Order #1b		Change Order #2		Change Order #3a		Change Order #3b				
А		В	C	D	E	F= D x E	SDC	SDC	SDC	SDC	SDC	SDC	SDC	SDC	SDC	SDC
Item No.	Bid Item No.	Description	Unit	Original 12" Water Estimated Quantity	Unit Price	Extended Price	McDonalds & Park Investigation Qty	McDonalds & Park Investigation \$\$\$	McDonalds & Park Sanitary Sewer New Qty	McDonalds & Park Sanitary Sewer New \$\$\$	12" Water - Rock Change Order Qty	12" Water - Rock Change Order \$\$\$	Sanitary Sewer @ Title Max Investigation CCTV PH 2 Qty	Sanitary Sewer @ Title Max Investgation CCTV PH 2 <u>\$\$\$</u>	Sanitary Sewer @ Title Max Qty	
1	1025	Staging - Collector St	EA		\$ 3,000.00	\$-		\$-	1.00	\$ 3,000.00	2	\$ 6,000.00		\$-		\$-
2	1025	Staging - Minor Arterial	EA		\$ 3,500.00	\$-		\$-		\$-		\$-		\$-		\$-
3	1025	Staging - Principal Arterial	EA	2	\$ 4,600.00	\$ 9,200.00		\$-	6.00	\$ 27,600.00		\$-		\$-	1.00	\$ 4,600.00
4	1550	Police Officer	HR	150	\$ 100.00	\$ 15,000.00		\$-		\$-		\$-		\$-		\$-
7	2110	Construction Entrance/Exit - Install	EA		\$ 1,400.00	\$-		\$-		\$-		\$-		\$-	1.00	\$ 1,400.00
8	2110	Access Road Gate	EA		\$ 1,400.00	\$-		\$-	1.00	\$ 1,400.00		\$-		\$-		\$-
17	2276	Tree Protection Fence	LF		\$ 7.00	\$-		\$-	100.00	\$ 700.00		\$-		\$-		\$-
18	2276	Check Dam (Hay Bales)	EA		\$ 115.00	\$-		\$-	20.00	\$ 2,300.00		\$-		\$-		\$-
19	2276	Inlet Sediment Trap	EA	10	\$ 315.00	\$ 3,150.00		\$-	5.00	\$ 1,575.00	5	\$ 1,575.00		\$-		\$-
23	2485	Sodding to match	SY	500	-	\$ 17,500.00		\$-	100.00	\$ 3,500.00	500	' '		\$-		\$-
24	2485	Seeding to match	SY	500	\$ 4.00	\$ 2,000.00		\$-	1000.00	\$ 4,000.00	500	\$ 2,000.00		\$-		\$-
27	1550	Traffic Loop System Restoration	LF	150	\$ 71.00	\$ 10,650.00		\$-		\$-		\$-		\$-		\$-
28	2710	4" Sidewalk Restoration	SY	50	\$ 100.00	\$ 5,000.00		\$-		\$-		\$-		\$-		\$-
29	2710	Driveway Restoration, Concrete, up to 4"	SY	50	\$ 100.00	\$ 5,000.00		\$-	56.00	\$ 5,600.00		\$-		\$-		\$-
32	2700	Asphalt Pavement Milling, ≤ 2"	SY		\$ 40.00	\$-		\$-		\$-	1711.111111	\$ 68,444.44		\$-		\$-
32a	Credit	Asphalt Pavement Milling, ≤ 2"			\$ 20.00	\$-		\$-		\$-		\$-		\$-		\$-
33	2710	Concrete Curb & Gutter Removal & Install	LF	150	\$ 65.00	\$ 9,750.00		\$-	60.00	\$ 3,900.00	800	\$ 52,000.00		\$-		\$-
34		Remove & Reset Granite Curb	LF		\$ 40.00	\$-		\$-		\$-		\$-		\$-		\$-
35	2700	Superpave Asphalt 9.5mm, Type II	SY	871.1111111	\$ 100.00	\$ 87,111.11		\$-	115.78	\$ 11,578.00	1711.111111	\$ 171,111.11		\$-	11.11	\$ 1,111.11
36	2700	Superpave Asphalt 19mm, Type II	SY		\$ 100.00	\$-		\$-		\$-		\$-		\$-		\$-
37	2700	Superpave Asphalt 25mm, Type II	SY	1742.222222	\$ 110.00	\$ 191,644.44		\$-	115.78	\$ 12,735.80	611.1111111	\$ 67,222.22		\$-		\$-
38	2700	Speed Hump and/or Table Replacement	SF		\$ 70.00	\$-		\$-		\$-		\$-		\$-		\$-
39	3300	Concrete 3000 PSI	CY	10	\$ 430.00	\$ 4,300.00		\$-	14.00	\$ 6,020.00		\$-		\$-		\$-
41	3300	Reinforced Concrete 4000 PSI	CY		\$ 500.00	\$-		\$-	10.00	\$ 5,000.00		\$-		\$-		\$-
42	3300	3000 PSI High Early Concrete	CY		\$ 450.00	\$-		\$-		\$-		\$-		\$-		\$-
43	2324	Pavement Saw Cutting 1" - 6" Thick	LF	3930	\$ 38.00	\$ 149,340.00		\$-	258.00	\$ 9,804.00		\$-		\$-	44.00	\$ 1,672.00
43a	Credit	Pavement Saw Cutting 1" - 6" Thick			\$ 8.00	\$-		\$-		\$-		\$-		\$-		\$-
44	2324	Pavement Saw Cutting Addtl Thickness/Inch	IN-FT	•	\$ 25.00	\$-		\$-	312.00	\$ 7,800.00		\$-		\$ -		\$-
45	1056	GPS Locate & Data Collection per Asset	EA	10	\$ 300.00	\$ 3,000.00	10.00	\$ 3,000.00		\$-		\$-	2.00	\$ 600.00		\$-
46	1056	Ground Penetrating Radar - Pipe Location	LF		\$ 40.00	\$-	250.00	\$ 10,000.00		\$-		\$-		\$-		\$-
47	1056	GPS Locate & Data Collection per Manhole	EA		\$ 500.00	\$-		\$-	6.00	\$ 3,000.00		\$-		\$-		\$-
49	2607	Locate/Uncover/Expose Manhole - Unpaved	EA		\$ 700.00	\$-	2.00	, ,		\$-		\$-		\$-		\$-
50		CCTV Inspection	LF		\$ 12.00	\$-	1398.00	\$ 16,776.00		\$ -		\$-	775.00	\$ 9,300.00		\$-
51	2956	Heavy Internal Cleaning - 6" - 24" Diameter	LF		\$ 30.00	\$-		\$-	367.90	\$ 11,037.00		\$-		\$-		\$-
51a		Heavy Internal Cleaning - 54" Diameter			\$ 55.00	\$-		\$-		\$-		\$-		\$-		\$-
52		Sewer Debris Removal & Disposal	TON		\$ 300.00	\$-		\$-		\$-		\$-		\$-		\$-
53		Unsuitable Soil Replace (GAB)	CY	969.837037	\$ 150.00	\$ 145,475.56		\$-	361.50	\$ 54,225.00	611.1111111	\$ 91,666.67		\$-	61.22	\$ 9,183.33
54	2324	Rock Excavation & Disposal	CY		\$ 150.00	\$-		\$-	50.00	\$ 7,500.00	611.1111111	\$ 91,666.67		\$-		\$-



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									Change Order				Change Order		Change Order	
		GENERAL BID ITEN		I			#1a		#1b		Change Order #2		#3a		#3b	
A		В	С	D	E	F= D x E	SDC	SDC	SDC	SDC	SDC	SDC	SDC	SDC	SDC	SDC
ltem No.	Bid Item No.	Description	Unit	Original 12" Water Estimated Quantity	Unit Price	Extended Price	McDonalds & Park Investigation Qty	McDonalds & Park Investigation \$\$\$	McDonalds & Park Sanitary Sewer New Qty	McDonalds & Park Sanitary Sewer New \$\$\$	12" Water - Rock Change Order Qty	12" Water - Rock Change Order \$\$\$	Sanitary Sewer @ Title Max Investigation CCTV PH 2 Qty	Sanitary Sewer @ Title Max Investgation CCTV PH 2 <u>\$\$\$</u>	Sanitary Sewer @ Title Max Qty	
		Rock Drill	LF		\$ 170.00						1100	\$ 187,000.00		\$-		\$-
66	2535/2665	Cut & Plug, 6" - 24", ≤8' depth	EA	4	\$ 4,000.00	\$ 16,000.00		\$-	2.00	\$ 8,000.00		\$-		\$-		\$-
67	2535/2665	Cut & Plug, 6" - 24", > 8' depth	VF		\$ 430.00	\$-		\$-		\$-		\$-		\$-		\$-
68	2535/2665	Flowable Fill (General Backfill)	CY		\$ 350.00	\$-		\$-	29.03	\$ 10,159.01		\$-		\$-		\$-
69	2641	4 Ft Standard Manhole	VF		\$ 620.00	\$-		\$-	57.50	\$ 35,650.00		\$-		\$-	15.00	\$ 9,300.00
71	2641	4 Ft Doghouse Manhole	VF		\$ 780.00	\$-		\$ -	20.00	\$ 15,600.00		\$-		\$-		\$-
		8 FT Doghouse Manhole	VF		\$ 3,570.75				15.00	\$ 53,561.25		\$-		\$-	15.00	\$ 53,561.25
72	2607	Height Adjustment, Each 12" Adjustment	EA		\$ 1,400.00	\$-		\$-	2.00	\$ 2,800.00		\$-		\$-		\$-
73	2607	Pavement Patch, Concrete Collar for Frame & Cover	EA		\$ 1,700.00	\$-		\$-		\$-		\$-		\$-		\$-
74		Replace Frame & Cover, Traffic Load	EA		\$ 750.00	\$ -	1	\$ -	4.00	\$ 3,000.00	1	\$ -		\$ -	2.00	\$ 1,500.00
75	2608	Replace Frame & Cover, Bolt Down	EA		\$ 920.00	\$-		\$ -	5.00	\$ 4,600.00		\$-		\$-		\$-
79	-	Connection to Existing Manhole	EA		\$ 1,400.00	\$-		\$ -	1.00	\$ 1,400.00		\$-		\$-		\$-
79E	2641	Rebuild Invery & Bench - 4' Diameter	EA		\$ 1,350.00	\$-		\$ -	6.00	\$ 8,100.00		\$-		\$-		\$-
		Rebuild Invery & Bench - 8' Diameter			\$ 3,200.00	\$-		\$ -	1.00	\$ 3,200.00		\$ -		\$-		\$ -
92	2665	12" DIP 1-5FT	LF	1960	\$ 135.00	\$ 264,600.00		\$ -		\$-		\$-		\$-		\$-
95	2665	12" DIP Joint Pipe Adder	LF	1960	\$ 28.00	\$ 54,880.00		\$ -		\$-		\$ -		\$-		\$ -
95a		12" DIP Zinc Coating not installed	LF	-1960	\$ 7.00	\$ (13,720.00)	\$ -		\$ -		\$ -		\$ -		\$ -
104		DIP Fittings No Greater Than 4LF	TON		\$ 15,000.00	\$ 15,000.00		\$ -	1.00			\$ -		\$ -		\$ -
105	2665	Remove Fire Hydrant	EA	3	\$ 350.00	\$ 1,050.00		\$ -		\$ -		\$ -		\$ -		\$ -
106	2665	Install Fire Hydrant	EA	8	\$ 5,400.00	\$ 43,200.00		\$ -		\$ -		\$ -		\$ -		\$ -
110		Tap & Sleeve 8" on 12"	EA	2	\$ 6,400.00	\$ 12,800.00		\$ -		\$ -		\$ -		\$ -		\$ -
120	-	Restrained Joint Resiliant Seated Valve 12"	EA		\$ 9,000.00	\$ 18,000.00		\$ -		\$ -		\$ -		\$ -		\$ -
127	2665	Re-establish Service Connection	EA	7	\$ 350.00	\$ 2,450.00		\$ -		\$ -		\$ -		\$ -		\$ -
128	2665	Water Service Line, 1" Copper	LF	350	\$ 90.00	\$ 31,500.00		\$ -		\$ -		\$ -		\$ -		\$ -
143	-	Pneumatic Bore Copper Pipe, up to 2"	LF	350	\$ 100.00	\$ 35,000.00		\$ -		\$ -		\$ -		\$ -		\$ -
144		8" 350 psi DIP Gravity Sewer, 1-8'	LF		\$ 115.00	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
145		8" 350 psi DIP Gravity Sewer >8' - 16'	LF		\$ 150.00	\$ -		\$ -	154.00	\$ 23,100.00		\$ -		\$ -		\$ -
146		8" 350 psi DIP Gravity Sewer >16'	LF		\$ 215.00	\$ -		\$ -	160.00	. ,		\$ -		\$ -		\$ -
169		Reconnection, 4-6" Diameter, <5LF, any depth	LF		\$ 2,150.00	\$ -		\$ -		\$ -		\$ -		\$ -	2.00	\$ 4,300.00
172		Cap or Plug Existing Service Lateral, Any Depth	EA		\$ 600.00	\$ -		\$ -	2.00	\$ 1,200.00		\$ -		\$ -	1.00	. ,
173	-	Sewer Cleanout at Edge of ROW or Easement	EA		\$ 1,500.00	\$ -		\$ -	2.000	\$ _		\$ -		\$ -	3.00	
175		Bypass Pumping 8" & Smaller, Flow >50% Volume	LF		\$ <u>1,500.00</u> \$ 35.00	\$ -		\$ -	500.00	Ŷ		\$ -		\$ -	5.00	\$ -
170		Bypass Pumping 10" & 12", Flow >50% Volume	LF		\$ 50.00	\$ -		\$ -	500.00	\$ 17,500.00 \$ -	+	\$ -		\$ -		\$ -
177		Bypass Pumping 10" & 12", How >50% Volume	LF		\$ 70.00	\$ -		\$ - \$ -		\$ -		\$ - \$ -		\$ -		\$ - \$ -
178		Bypass Pumping 14 - 24" w/ Flow	LF		\$ 105.00	\$ -		\$ -		\$ -		\$ - \$ -		\$ -		\$ - \$ -
175	1520	Bypasss Pumping 48" w/ Flow	LF		\$ 103.00 \$ 400.00			\$ -		\$ - \$ -		\$ - \$ -		\$ - \$ -		\$ - \$ -
180	7665	Polyethylene Wrap			\$ 7.00	ş - \$ -	+	ş - \$ -		ş - \$ -	1	ş - \$ -		\$ - \$ -		\$ - \$ -
180		CIPP, 8" Minimum Thickness			\$ 7.00	Ŷ		\$ - \$ -	367.90	Ŷ		ş - \$ -		\$ - \$ -		ş - \$ -



We are pleased to provide the following pricing for the subject project.

Please contact us if you at 770.981.3555 if you have any questions or require additional information.

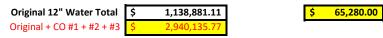
									Change Order				Change Order		Change Order	
	-	GENERAL BID ITEMS					#1a		#1b		Change Order #2		#3a		#3b	
А		В	С	D	E	F= D x E	SDC	SDC	SDC	SDC	SDC	SDC	SDC	SDC	SDC	SDC
Item No.	Bid Item No.	Description	Unit	Original 12" Water Estimated Quantity	Unit Price	Extended Price	McDonalds & Park Investigation Qty	McDonalds & Park Investigation \$\$\$	McDonalds & Park Sanitary Sewer New Qty	McDonalds & Park Sanitary Sewer New \$\$\$	12" Water - Rock Change Order Qty	12" Water - Rock Change Order \$\$\$	Sanitary Sewer @ Title Max Investigation CCTV PH 2 Qty	Sanitary Sewer @ Title Max Investgation CCTV PH 2 <u>\$\$\$</u>		Sanitary Sewer @ Title Max \$\$\$
182	2500	CIPP, 8", addtl 1mm thickness	LF		\$ 7.00	\$-		\$-	367.90	\$ 2,575.30		\$-		\$-		\$-
183	02500/2501	CIPP, 10" Minimum Thickness	LF		\$ 95.00	\$-		\$-		\$-		\$-		\$-		\$-
184	2500	CIPP, 10", addtl 1mm thickness	LF		\$ 7.00	\$-		\$-		\$-		\$ -		\$-		\$-
185	02500/2501	CIPP, 12" Minimum Thickness	LF		\$ 110.00	\$-		\$-		\$-		\$-		\$-		\$-
186	2500	CIPP, 12", addtl 1mm thickness	LF		\$ 14.00	\$-		\$-		\$-		\$-		\$-		\$-
187	1520	CIPP, 15" Minimum Thickness	LF		\$ 130.00	\$-		\$-		\$-		\$ -		\$-		\$-
188	02500/2501	CIPP, 15", addtl 1mm thickness	LF		\$ 20.00	\$-		\$-		\$-		\$-		\$-		\$-
189	02500/2501	CIPP, 18" Minimum Thickness	LF		\$ 160.00	\$-		\$-		\$-		\$-		\$-		\$-
190	02500/2501	CIPP, 18", addtl 1mm thickness	LF		\$ 20.00	\$-		\$-		\$-		\$-		\$-		\$-
191	02500/2501	CIPP, 20" Minimum Thickness	LF	l	\$ 160.00	\$ -		\$ -	1	\$ -		\$ -		\$ -	1	\$ -
192	02500/2501	CIPP, 20", addtl 1mm thickness	LF		\$ 20.00	\$-		\$-		\$-		\$-		\$-		\$-
193	02500/2501	CIPP, 24" Minimum Thickness	LF		\$ 260.00	\$-		\$-		\$-		\$-		\$-		\$-
194	02500/2501	CIPP, 24", addtl 1mm thickness	LF		\$ 20.00	\$-		\$-		\$-		\$-		\$-		\$-
		CIPP, 48" Minimum Thickness			\$ 819.95	\$-		\$-		\$-		\$-		\$-		\$-
195	02500/2501	Internal Pipe Point Repair w/ CIPP, 6"-8", minimum thickne	EA		\$ 5,000.00	\$-		\$-		\$-		\$-		\$-		\$ -
196	02500/2501	6"-8" Pt Repair CIPP addtl 1 mm	LF		\$ 18.00	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
197	02500/2501	Internal Pipe Point Repair w/ CIPP 10" minimum thickness	EA		\$ 5,000.00	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
198		10" Pt Repair w/ CIPP addtl 1mm thhickness	LF		\$ 14.00	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
199	02500/2501	Internal Pipe Point Repair w/ CIPP 12" minimum thickness	EA		\$ 6,000.00	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
200	02500/2501	12" Pt Repair w/ CIPP addtl 1mm thhickness	LF		\$ 20.00	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
201		Internal Pipe Point Repair w/ CIPP 15" minimum thickness	EA		\$ 7,000.00	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
202		15" Pt Repair w/ CIPP addtl 1mm thhickness	LF		\$ 35.00	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
203		Internal Pipe Point Repair w/ CIPP 18" minimum thickness	FA		\$ 9,000.00	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
204		18" Pt Repair w/ CIPP addtl 1mm thhickness	LF		\$ 50.00	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
205		Internal Pipe Point Repair w/ CIPP 20"-24" minimum thickn	FA		\$ 10,000.00	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
206		20"-24" Pt Repair w/ CIPP addtl 1mm thhickness	LF		\$ 106.60	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
207			EA		\$ 375.00	\$ -		\$ -	5.00	\$ 1,875.00		\$ -		\$ -		\$ -
B.2.1		0	EA		\$ 25,000.00	<u>+</u> \$ -		\$ -	1.00	. ,		\$ -		\$ -		\$ -
B.2.2		Demobilization/Closeout per each Emergency / Work Orde			\$ 5,000.00	\$ -		\$ -	1.00			\$ -		\$ -		\$ -
B.2.3		Superintendent - Regular	HR		\$ 168.00		24.00	Ŧ			400	1		\$ -		\$ -
B.2.6		Foreman - Regular			\$ 135.00	<u>+</u> -		+ ,,	95.00			+		\$ -		\$ -
B.2.9		Hauler/Truck Driver - Regular	HR		\$ 72.00	\$ -	24.00	\$ 1,728.00	183.00	. ,	400	\$ 28,800.00		\$ -		\$ -
B.2.12		Equipment Operator - Regular	HR		\$ 72.00	\$ -	24.00	. ,	148.00	. ,	400	-,		\$ -		\$ -
B.2.12		Laborer - Regular	HR		\$ 30.00	\$ -	48.00	. ,	148.00	. ,	400	\$ 28,800.00		\$ -		\$ -
B.2.24		Flagger - Regular			\$ 48.00	\$ -	40.00	÷ 1,++0.00	84.00			\$ -		\$ -	+	\$ -
B.2.27		Pipe Layer - Regular	<u> </u>		\$ \$3.00	\$ -			138.00			\$ -		\$ -		\$ -
B.2.117		Track Excavators: 60-80 HP			\$ 95.00	∀			24.00			\$ -		\$ -	+	\$ -
B.2.117 B.2.118		Track Excavators: 81-110 HP	HR		\$ 105.00		24.00	\$ 2,520.00	6.00	. ,		\$ \$		\$ -	1	- د -
D.2.110	J				γ 102.00		24.00	γ 2,520.00	0.00	- 030.00	ļ	- -	Į	- -	1	



We are pleased to provide the following pricing for the subject project.

Please contact us if you at 770.981.3555 if you have any questions or require additional information.

		GENERAL BID I		Change Order #1a		Change Order #1b		Change Order #2		Change Order #3a		Change Order #3b					
А		В	С	D	E	F= D x E	SDC	SDC	SDC	SDC	SDC	SDC	SDC	SDC	SDC		SDC
ltem No.	Bid Item No.	Description	Unit	Original 12" Water Estimated Quantity	Unit Price	Extended Price	McDonalds & Park Investigation Qty	McDonalds & Park Investigation \$\$\$	McDonalds & Park Sanitary Sewer New Qty	Park Sanitary	12" Water - Rock Change Order Qty	12" Water - Rock Change Order \$\$\$	Sanitary Sewer @ Title Max Investigation CCTV PH 2 Qty	Sanitary Sewer @ Title Max Investgation CCTV PH 2 <u>\$\$\$</u>	Sanitary Sewer @ Title Max Qty		
B.2.119		Track Excavators: 111-160 HP			\$ 150.00				164.00			\$ -		\$-		\$	-
B.2.120		Track Excavators: 161-210 HP	HR		\$ 180.00				48.00	\$ 8,640.00	400	\$ 72,000.00		\$ -		\$	-
B.2.123		CCTV Truck	HR		\$ 340.00		24.00			\$ -		\$ -	4.00			\$	-
B.2.124		Jet Vacuum Truck	HR		\$ 435.00		24.00	\$ 10,440.00		\$-	30	\$ 13,050.00	4.00	\$ 1,740.00		\$	-
B.2.125		Truck Loaders: 70-90 HP			\$ 93.00				12.00	\$ 1,116.00						\$	-
B.2.135		Tandem Dump Trucks			\$ 130.00				148.00							\$	-
B.2.136		1 ton Utility General Trucks			\$ 40.00				80.00							\$	-
B.2.137		½ ton pick-up	HR		\$ 36.00		48.00	\$ 1,728.00	84.00	\$ 3,024.00		\$-		\$-		\$	-
B.2.138		Pickup Truck			\$ 34.00				165.00	\$ 5,610.00						\$	-
B.2.139		Trailers: Tool	HR		\$ 60.00	\$-	24.00	\$ 1,440.00		\$ -		\$-		\$-		\$	-
B.2.142		80 +/- HP Air Compressors			\$ 45.00				34.00	\$ 1,530.00						\$	-
B.2.145		5' Skid-Loader Construction Broom			\$ 17.50				115.00	\$ 2,012.50						\$	-
B.2.147		Shoring / (per Box, 8'-0" height minimum)	HR		\$ 37.00		24.00	\$ 888.00	175.00	\$ 6,475.00	30	\$ 1,110.00		\$ -	40.00) \$	1,480.00
B.2.160		Vacuum Excavation			\$ 415.00				35.00	\$ 14,525.00							
B.2.161		Lowboy			\$ 165.00				49.00	\$ 8,085.00							
B.2.162		Steel Plates including Cold Patch			\$ 10.50				20.00	\$ 210.00							



\$ 662,620.86

\$ 967,146.11

Stipulations: Owner / Contractor will provide maintenance of traffic (MOT) and / or traffic control.

Owner / Contractor will provide a portable hydrant meter for our use.

Owner / Contractor will provide a local area and pay disposal fees to dispose the debris that is

pulled from the cleaning process after it is decanted. Disposal site must be less than 10 miles away from job site.

Owner / Contractor will provide access to each and every manhole and or structure. This may include but not

limited locating, exposing, and raising buried MH's prior to our crew mobilizing.

If necessary, Owner / Contractor will provide Permits & Fees. T&J Industries will provide our standard insurance coverage. OCP or railroad insurance & or longshoreman insurance is not included.

Water used to clean pipe segment or box culvert to be decanted in the pipe segment or adjacent pipe/outfall area. Any turbidity control will be provided by Others.

Mechanical Cleaning / Tuberculation removal not included in bid proposal.

If bond is needed please add 1.5%.

Our Bid Proposal is valid for 60 days from the bid date.

13,000.00

93,207.69



We are pleased to provide the following pricing for the subject project.

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		GENERAL BID ITEM		Change Order #1a		Change Order #1b		Change Order #2		Change Order #3a		Change Order #3b				
A		В	С	D	E	F= D x E	SDC	SDC	SDC	SDC	SDC	SDC	SDC	SDC	SDC	SDC
Item No.	Bid Item No.	Description	Unit	Original 12" Water Estimated Quantity	Unit Price	Extended Price	McDonalds & Park Investigation Qty	McDonalds & Park Investigation \$\$\$	McDonalds & Park Sanitary Sewer New Qty	Park Sanitary	12" Water - Rock	Change Order	Investigation	@ Title Max Investgation	Sanitary Sewer	Sanitary Sewer @ Title Max \$\$\$

Site Restoration will be performed by Others.

This is a unit priced contract and the actual billing will be based on installed quantities. If the installed quantities

vary greater than 10% of the bid quantities, T&J Industries reserves the right to adjust our unit price accordingly.

In the event of unforeseen price increases of our raw materials, T&J Industries reserves the right to

adjust our unit rate or overall bid proposal accordingly to account for such price increases.

Payment terms: Net 30 days. Interest will be added to balances outstanding after 30 days

The contract price is exclusive of applicable state and local sales taxes.

T&J Industries's bid proposal shall be incorporated into the subcontract agreements. T&J Industries will initiate this

project upon an agreement or receipt of a subcontract or purchase order.

Locations requiring cleaning and inspection shall have unrestricted drive up access.

Night work is preferred on interstates.