



October 2, 2023

Tennessee Department of Transportation
Suite 600, James K. Polk Building
Nashville, TN 37243

Project: 82010-3236-14

County: Sullivan

Description: SR93, from south of Horse Creek to north of Derby Drive

The City of Kingsport Utilities Department would like TDOT to include waterline relocation in the above state road contract with Chapter 86 reimbursement.

Please send any questions or concerns to WSEngineers@KingsportTN.gov.

Sincerely,

A handwritten signature in cursive script that reads "Chad E. Austin".

Chad E. Austin, PE
Assistant Utilities Director – Engineering / Operations
City of Kingsport, TN
ChadAustin@KingsportTN.gov



UTILITY ENGINEERING AND RELOCATION ESTIMATE

UTILITY INFORMATION

Utility Name: City of Kingsport (WATER)

Utility Address: 1113 Konnarock Road

City, State: Kingsport, TN Zip Code: 37664

Phone: 423-343-9845

Contact Name: Alys Dobbins

Email: AlysDobbins@KingsportTN.gov

CONSULTANT INFORMATION

Consultant Name: Barge Design Solutions, Inc.

Consultant Address: Four Sheridan Square, Suite 100

Kingsport, TN Zip Code: 37660

Phone: 865-934-4146

Contact Name: Andrew Clark, PE

Email: andrew.clark@bargedesign.com

TDOT PROJECT INFORMATION

Project Description: S.R. 93, from south of Horse Creek to north of Derby Drive

Federal Project No.: STP-93(15)

State Project No.: 82010-3236-14

County(ies): Sullivan

Revision 02/09/2023



ESTIMATE OF ENGINEERING COST

TDOT Project Number(s): STP-93(15) 82010-3236-14

County(ies): Sullivan

Utility Name & Address:
 City of Kingsport (WATER)
 1113 Konnarock Road
 Kingsport, TN 37664

Consultant Name & Address:
 Barge Design Solutions, Inc.
 Four Sheridan Square, Suite 100
 Kingsport, TN 37660

CONSULTANT ENGINEERING ESTIMATE

Place an "X" in the appropriate box: Standard Contract Continuing Contract (attach copy of Contract for TDOT verification)

I. ENGINEERING SERVICES		PRE-CONSTRUCTION		CONSTRUCTION		CONSTRUCTION INSPECTION	
Classification	Rate/Hr	Hours	Total	Hours	Total	Hours	Total
Principal	\$ 90.00	2	\$ 180.00		\$ -		\$ -
Project Manager	\$ 80.00	37	\$ 2,960.00		\$ -		\$ -
Design Engineer	\$ 34.00	77	\$ 2,618.00		\$ -		\$ -
Designer / Senior Designer	\$ 60.00	55	\$ 3,300.00		\$ -		\$ -
Techician / Draftsperson	\$ 40.00	96	\$ 3,840.00		\$ -		\$ -
Administrative	\$ 35.00	4	\$ 140.00		\$ -		\$ -
Field Inspector			\$ -		\$ -		\$ -
Licensed Surveyor			\$ -		\$ -		\$ -
Rod Person			\$ -		\$ -		\$ -
	\$ -		\$ -		\$ -		\$ -
Total Engineering Services		271	\$ 13,038.00	0	\$ -	0	\$ -

II. REIMBURSABLE EXPENSES		PRE-CONSTRUCTION		CONSTRUCTION		CONSTRUCTION INSPECTION	
Classification	Cost/Unit	Quantity	Total	Quantity	Total	Quantity	Total
Transportation / Mile:	\$ 0.63	X 500	= \$ 315.00		\$ -		\$ -
Meals / Day:		X	= \$ -		\$ -		\$ -
Lodging / Day:		X	= \$ -		\$ -		\$ -
Printing / Shipping:			\$ -		\$ -		\$ -
Other (Specify):			\$ -		\$ -		\$ -
Other (Specify):			\$ -		\$ -		\$ -
Total Reimbursable Expenses			\$ 315.00		\$ -		\$ -

III. INDIRECT / OVERHEAD EXPENSES		PRE-CONSTRUCTION		CONSTRUCTION		CONSTRUCTION INSPECTION	
Indirect/Overhead Rate (not to exceed 145%):		206.93%	\$ 26,979.53	125.00%	\$ -	125.00%	\$ -
IV. PROFIT: (2.35x(1,2,3)x ALLOWABLE RATE)		PRE-CONSTRUCTION		CONSTRUCTION		CONSTRUCTION INSPECTION	
Allowable Rate (Maximum of 13%):		10.00%	\$ 3,063.93	10.00%	\$ -	10.00%	\$ -

(Expenses for Sections III and IV only apply to Consultant Engineering Services without a Continuing Contract agreement with the Utility)

TOTAL ENGINEERING / SURVEY COST:		INSPECTION (Standard)		INSPECTION (Continuing)	
Standard Consultant: (I+II+III+IV) =	\$ 43,396.46	Private:	\$ -	Private:	\$ -
Continuing Contract: (I+II) =	\$ -	Public:	\$ -	Public:	\$ -
TOTAL COST (Engineering and Inspection)					
		Standard Consultant:	\$ 43,396.46	Continuing Contract:	\$ -

IN-HOUSE ENGINEERING ESTIMATE

I. ENGINEERING SERVICES		PRE-CONSTRUCTION		CONSTRUCTION		CONSTRUCTION INSPECTION	
Classification	Rate/Hr	Hours	Total	Hours	Total	Hours	Total
Project Manager			\$ -		\$ -		\$ -
Engineer			\$ -		\$ -		\$ -
Draftsperson			\$ -		\$ -		\$ -
Administrative			\$ -		\$ -		\$ -
Field Inspector			\$ -		\$ -		\$ -
Licensed Surveyor			\$ -		\$ -		\$ -
Rod Person			\$ -		\$ -		\$ -
	\$ -		\$ -		\$ -		\$ -
Total Engineering Services		0	\$ -	0	\$ -	0	\$ -

II. REIMBURSABLE EXPENSES		PRE-CONSTRUCTION		CONSTRUCTION		CONSTRUCTION INSPECTION	
Classification	Cost/Unit	Quantity	Total	Quantity	Total	Quantity	Total
Transportation / Mile:		X	= \$ -		\$ -		\$ -
Meals / Day:		X	= \$ -		\$ -		\$ -
Lodging / Day:		X	= \$ -		\$ -		\$ -
Printing / Shipping:			\$ -		\$ -		\$ -
Other (Specify):			\$ -		\$ -		\$ -
Other (Specify):			\$ -		\$ -		\$ -
Total Reimbursable Expenses			\$ -		\$ -		\$ -

III. INDIRECT / OVERHEAD EXPENSES		PRE-CONSTRUCTION		CONSTRUCTION		CONSTRUCTION INSPECTION	
Indirect/Overhead Rate (not to exceed 145%):		0.00%	\$ -	0.00%	\$ -	0.00%	\$ -

TOTAL ENGINEERING COST:		TOTAL INSPECTION COST:	
	\$ -	Private:	\$ -
		Public:	\$ -



Project No: 82010-3236-14

County: Sullivan

Date: September 29, 2023

****Submittal and completion of this form is required for consideration of reimbursement on this project.****

Primary Contact: Alys Dobbins
E-mail: AlysDobbins@KingsportTN.gov **Phone:** 423-343-9845
Secondary Contact: Chad Austin
E-mail: ChadAustin@KingsportTN.gov **Phone:** 423-224-2509
Utility Name: City of Kingsport (WATER)
Address: 1113 Konnarock Road
City, State: Kingsport, TN **Zip:** 37664

TDOT USE ONLY

RG Approval and Date:

Consult Appr. Date: / /

Amount Approved: \$ -

HQ Approval and Date:

CH86 Y / N	PIN#:
LET: / /	Contract #:
Easement Contract #	

Percent On Private: 100% Private ROW - #Poles / Length of facility: 3850
 Percent On Public: 0% Public ROW - #Poles / Length of facility: 0
 Total Percentage: 100% Total #Poles / Length of facility: 3850

Is Utility Chapter 86 Certified (Obtained from Certification Sheet)? Y

(If project does not qualify for Chapter 86 Reimbursement, then "Percent on Private" will be used to calculate total amount due to Utility)

NO COST / NO REIMBURSEMENT (STOP HERE, REMAINDER OF FORM IS NOT REQUIRED)

CHAPTER 86

NON-CHAPTER 86

REIMBURSEMENT MOVE PRIOR
REQUESTED MOVE IN State Contract
 (Please check ONE) Move Again

% Private / Public Relocation
 % Private / Public MOVE IN State Contract
 Utility Replacement Easement Reimbursement

ENGINEERING		Amount
Pre-Construction	\$	43,081.46
Construction	\$	-
Construction Inspection Private	\$	-
Construction Inspection Public	\$	-
Reimbursable Expenses	\$	315.00
ENGINEERING COST:	\$	43,396.46

UTILITY REIMBURSEMENT	
CHAPTER 86 MOVE-IN CONTRACT:	\$ 43,396.46
CHAPTER 86 MOVE PRIOR:	\$ -
NON-CHAPTER 86 MOVE-IN CONTRACT:	\$ -
NON-CHAPTER 86 % PUBLIC/PRIVATE:	\$ -

Does Estimate Exceed \$1.75M Cap? - N
 Does Estimate Require 75% Cap? - N

CONSTRUCTION (LABOR & MATERIAL)		Amount
Installation Labor	\$	517,325.00
Installation Materials	\$	277,075.00
Removal Labor	\$	17,000.00
Site Costs	\$	-
Material Provided to State	\$	-
Salvage Materials	\$	-
Non-Usable Materials	\$	-
ESTIMATED CONSTRUCTION COST:	\$	811,400.00

UTILITY DEPOSIT (IF APPLICABLE)	
RELOCATION EXCEEDS \$1.75M CAP:	\$0.00
AMOUNT OVER 75% REIMBURSEMENT:	\$0.00
ESTIMATED UTILITY BETTERMENT COST:	\$0.00
NON-CHAPTER 86 MOVE-IN CONS'T COST:	\$0.00
TOTAL UTILITY DEPOSIT:	\$0.00

BETTERMENT		Amount
Installation Labor	\$	-
Installation Materials	\$	-
ESTIMATED UTILITY BETTERMENT COST:	\$	-
ESTIMATED REPLACEMENT EASEMENT COST:	\$	-
If cost is listed above, separate Easement Contract is needed		
ESTIMATED TOTAL CONSTRUCTION COST:	\$	854,796.46

The Utility will reference the page number where designated on the form when other Detail Cost Estimate sheets are attached.



Chapter 86 Certification

In accordance with Tennessee Department of Transportation policy number 340-07, the following information is provided with regards to required compliance documentation for utility relocation reimbursement in accordance with TCA 54-5-804 and TCA 54-5-854.

PROJECT #/S: 82010-3236-14 COUNTY/S: Sullivan
FEDERAL: STP-93(15) PIN: 112834.03

- 1. The utility is seeking reimbursement under provisions of TCA 54-5-804 as amended by Public Acts 2003, Chapter number 86.
- 2. To the best of my knowledge the utility is in compliance with TCA § 54-5-804(a)(1) and this policy in that the utility has returned its relocation plan, schedule, and cost estimate to the Department within 120 days after receipt of the Department's project plans, or within such additional time as may be allowed in accordance with TCA § 54-5-854(b).
- 3. To the best of my knowledge the utility is in compliance with TCA 54-5-804(b) in that the utility has a valid permit to locate its utility facility on the public highway right-of-way.
- 4. The utility is eligible for reimbursement in accordance with the Limitation provisions of the TDOT Policy 340-07 in that it is:
Municipally Owned Utility District Utility Cooperative

- 5. The utility is considered to be a specific utility category listed in accordance with the Limitation provisions of the TDOT Policy 340-07:
 - Water
 - Waste Water
 - Gas Distribution Transmission
 - Electric Distribution Transmission
 - Communication CATV Phone Fiberoptic Broadband
 - Street Lighting
 - Other _____

Signature indicates this individual has the legal authority to sign contracts and agreements to obligate the utility.

Signature: _____ Date: _____
Print Name: _____
Title: _____
Utility Name: City of Kingsport
Utility Address: _____
City, State, Zip: _____
Phone Number: _____
Fax Number: _____
Email Address: _____



Declaration of Scheduled Calendar Days

Project Number: 82010-3236-14 Date: _____

Description: S.R. 93, from south of Horse Creek to north of Derby Drive

County: Sullivan

Utility Name: City of Kingsport (WATER)

Address: 1113 Konnarock Road

City, State: Kingsport, TN Zip Code: 37664

Phone Number: 423-343-9845 Fax Number: _____

Type of Facilities: Water Sewer Gas Telephone Electric
 CATV Fiberoptic Other

Required Period services cannot be interrupted: Potable water service must be maintained at all times.

All estimated days should be expressed in "Calendar" days to complete installation, relocation or adjustment of the utility facilities on the above referenced project. The utility can as an option submit an "On or Before" date all work will be completed. In accordance with provisions set forth in TCA 54-5-854.

Task	Days to Complete	Special Conditions
Stock Pile Material (Including ordering material)	60	2
Mobilize Work Force (including Bidding process if Required)	10	3
Complete Relocation	75	4
Total Days To Complete	145	

Special Conditions:

1. Potable water service must be maintained at all times within the project area. The new line must be installed, tested and disinfected prior to placing into service.
2. Allows for shop drawing submittal, shop drawing review, and delivery of materials.
3. Allows for mobilization of equipment and materials to the site.
4. Allows for main line installation, testing, connections, and service connections to the main.

Chad E. Smith 10/21/2023
Signature of submitting Utility Representative Date

Signature of submitting State Representative Date

Subject to provisions of the TDOT Utility Office Maintenance of Traffic Procedures.

TDOT Utility Office Maintenance of Traffic Procedures.

Except in emergencies, no lane closures will be permitted on any state routes with 30,000 or greater Average Daily traffic or any interstate routes, without the explicit consent of the TDOT Project Engineer. On projects where work is required in traffic lane(s) or where a lane closure is necessary for public safety, the Utility must submit a request to the Department at least seven (7) working days prior to the date of the anticipated lane closure(s). All requests for lane closure(s) must list the exact location, the time that the closure will begin, the estimated duration and reasons for the proposed lane closure(s).

If all lanes in one or both directions on an interstate route are to be closed for any length of time, the Utility must submit their request at least fourteen (14) calendar days before the anticipated event.

No lane closures or traffic restrictions will be allowed on the following days

Good Friday

Easter

After 6:00 pm on the Thursday preceding Good Friday through and including Easter Sunday

Memorial Day

After 12:00 noon on the preceding Friday through Memorial Day

July 4

The observed holiday and preceding day plus weekend days either preceding or following these two days

Labor Day

After 12:00 noon on the preceding Friday through Labor Day

Thanksgiving

After 12:00 noon on Wednesday before Thanksgiving through Sunday following Thanksgiving

Christmas/New year's Day

December 24 through January 1 and any preceding and/or following days that fall on a weekend

Offroad work will be allowed but only to the extent that NO impact will be caused to the highway users.

During any suspension of work, the Utility shall make passable and shall open to traffic such portions of the project and temporary roadways or portions thereof as may be directed by the TDOT Project Engineer for the temporary accommodation of necessary traffic during the anticipated period of suspension. Thereafter, and until issuance of an order for the resumption of construction operations, the maintenance of the temporary route or line of travel will be by the Utility. When work is resumed, the Utility will replace or renew any work or materials lost or damaged because of such temporary use of the project; shall remove, to the extent directed by the TDOT Project Engineer, any work or materials used in the temporary maintenance, and shall complete the project in every respect as though its prosecution had been continuous.