

STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION

HEADQUARTERS RIGHT OF WAY SUITE 600, JAMES K. POLK BUILDING NASHVILLE TENNESSEE 37243-1402 (615) 741-3196

JOHN C. SCHROER COMMISSIONER BILL HASLAM GOVERNOR

SEPTEMBER 12, 2017

Paul Holzen CITY OF FRANKLIN 109 3rd Avenue South Franklin TN 37064

PROJECT#: 94092-2226-14COUNTY(s):WilliamsonFEDERAL:STP/HPP-397(10)PIN #:101454.01DESCRIPTION:Mack Hatcher Parkway West, From South of SR-96 West of Franklin to East of SR-106 (US-431) North of FranklinTYPE: CH86 Move InCONTRACT #: 7698 Supplement 2Chapter 86 Eligible: NO

Please refer to the above captioned project number on all correspondance concerning utility relocation.

Dear Paul Holzen,

Enclosed are two (2) originals of the supplement contract between the State and your utility prepared to cover the adjustment of facilities belonging to your company on the above referenced project.

The Contracts must have ALL boxes checked and blank lines completed.

The Contract must be signed by either

1) an officer of the company (President, Vice-President, or General Manager)

OR

 an individual that is specifically authorized by the board of directors to execute agreements and bind the company to those agreements. The individual must provide a letter of empowerment, signed by an officer of the company.

This project is currently scheduled for letting: 02/09/2018

After copies of the contract have been executed on behalf of the utility, please return two (2) ORIGINALS to me for further handling. A signed original will be sent to you with the authorization to begin work once the contract is executed by TDOT.

Sincerely,

mild

Monica Cromer | Asst. State Utility Coordinator Right of Way Division James K. Polk Bldg, 6th Floor 505 Deaderick Street, Nashville, TN 37243 p. 615-741-3331

Enclosure

Supplemental Rev 04-22-2016



Contract No. 7698

STP/HPP-397(10) / 94092-2226-14

SUPPLEMENT TO UTILITY RELOCATION CONTRACT

THIS SUPPLEMENT #2 to Contract No. 7698, Supplement 1 made and entered into by and between the State of Tennessee acting through its Department of Transportation, hereinafter called "TDOT", and City of Franklin Water Management (Water), hereinafter called the "Utility".

WITNESSETH:

WHEREAS, TDOT and the Utility entered into Contract No.7698, dated the 1st day of September, 2016, in which the parties agreed to certain matters concerning the relocation of utilities on PIN No. 101454.01, SR-397 (Mack Hatcher Parkway) From SR-96 West of Franklin to SR-109(US-431) North of Franklin, located in Williamson County, Tennessee.; and

WHEREAS, it is desired by the parties that the hereinafter mentioned changes be made in said original contract;

NOW, THEREFORE, for a valuable consideration it is agreed by and between the parties as follows:

To change the paragraph,

WHEREAS, TDOT plans to construct PIN Number 101454.01, SR-397 (Mack Hatcher Parkway) From SR-96 West of Franklin to SR-109(US-431) North of Franklin, located in Williamson County, Tennessee (hereinafter called the "Project"), and for said Project to be constructed it will be necessary for the Utility to relocate certain of its facilities, 19 percent of which are located on public highway right-of-way and 81 percent of which are located on private utility right-of-way; and

To the following,

WHEREAS, TDOT plans to construct PIN Number 101454.01, Mack Hatcher Parkway West, From south of SR-96 West of Franklin to East of SR-106 (U.S.-431) North of Franklin, located in Williamson County, Tennessee (hereinafter called the "Project"), and for said Project to be constructed it will be necessary for the Utility to relocate certain of its facilities, 82 percent of which are located on public highway right-of-way and 18 percent of which are located on private utility right-of-way; and

To change the paragraph,

WHEREAS, the Utility has furnished TDOT with an estimate, plans, and specifications showing the cost and manner of relocating these facilities, which estimate is in the amount of **\$923,423.81**, including the amount of **\$9,423.81** for the cost of engineering; including the amount of **\$0.00** for the cost of inspection provided by the Utility; including the amount of **\$0.00** for the cost of betterment to the Utility's facilities (hereinafter called the "Betterment Cost"), and including the amount of **\$0.00** for deposit for the utility work in the State contract, and of which **81** percent represents the pro-rata share to which the Utility is entitled to reimbursement for relocation of utility facilities located on private utility right-of-way, and **19** percent represents the pro-rata share for relocation of utility facilities located on public

Supplemental Rev 04-22-2016

highway right-of-way, reimbursement being for the cost of construction, engineering and inspection, excluding betterment and the cost over the maximum TDOT reimbursement amount: and

To the following

WHEREAS, the Utility has furnished TDOT with an estimate and plans showing the cost and manner of relocating these facilities, which estimate is in the amount of \$882,846.52, including the amount of \$56,478.52 for the cost of engineering, which may be inclusive of preliminary engineering authorized on 03/10/2010; including the amount of \$0.00 for the cost of inspection provided by the Utility; and including the amount of \$0.00 for the cost of betterment to the Utility's facilities (hereinafter called the "Betterment Cost"), and including the amount of \$0.00 for deposit for the utility work in the State contract, and of which 18 percent represents the pro-rata share to which the Utility is entitled to reimbursement for relocation of utility facilities located on private utility right-of-way, and 82 percent represents the pro-rata share for relocation of utility facilities located on public highway right-of-way, reimbursement being for the cost of construction, engineering and inspection, excluding betterment and the cost over the maximum TDOT reimbursement amount: and

It is understood that the above are the only changes made in said contract.

IN WITNESS WHEREOF, the parties have EXECUTED this agreement

UTILITY

STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION

City of Franklin Water Management (Water)

BY:

Dr. Ken Moore TITLE: Mayor_____

DATE:

Approved as to Form:

BY:

John C. Schroer Commissioner

DATE: ______

APPROVED AS TO FORM:

BY:

John H. Reinbold General Counsel

Tiffani M. Pope, Staff Attorney

"Exhibit A"

elam Skittelater?			Project No:	94092-2226-14 (Water)
TOOT INT		1	County:	Williamson
			Date:	September 11, 2017
The second second second water				
	"Submittel and completion of the	is form is <u>required</u> for con	sideration of reimburg	sement on this project."
Primary Contact:	Paul Holzen			A STATE OF A
E-mail:	paul.holzen@franklintn.gov	Phone: ((615) 550-6679	THOFTHERONLY
Secondary Contact:	the second s	********		RG Approval and Date:
E-mail:	patricia moneese@franklintn.go	Phone:	(615) 550-6674	Qui Aut 9/5/17
Utility Name:	City of Franklin, TN	And and a second se		Consult Appr. Date: / /
Address:	109 3rd Avenue South			Amount Approved: 5 -
City, State:	Franklin, TN	Zip:	37064	HQ Approval and Date: 117/17
Percent On Private:		- #Poles / Length of facility:		CH86 CO/N PINH: 12 1454.01
Percent On Public: Total Percentage:	Contraction of the local data and the local data an	- #Poles / Length of facility: I #Poles / Length of facility:		Essement Contract 2
	86 Certified (Obtained from Certif	proved in the second se	5112	
			n Privato" will he user	d to calculate total amount due to Utility)
(in project does	not quality for chapter of Relinbu	isement, men i ercent of	in male win be used	
NO COS	T / NO REIMBURSEMENT (STO	OP HERE, REMAINDER (OF FORM IS NOT RI	EQUIRED)
	CHAPTER 86		NON-C	HAPTER 86
		*		
REIMBURSEMENT			%.Pri	ivate / Public Relocation
REQUESTED	MOVE IN State Contract X		% Private / Public N	MOVE IN State Contract
(Please check ONE)	Other		Utility Replacement East	sement Reimbursement
1 States and the state of the	ENGINEERING			TILITY REMBURSEMENT
Description		Amount	and the second	h hanna h fha fa sharan ta shekara ta shekara na shekara ta shekara ta shekara ta shekara ta shekara ta shekara
Pre-Construction			HARIER & WHE	N CONTRACT: \$ 56,478.52
Construction	\$	8,375.23	ing in dags, and in the second second second in the second second second second second second second second se	аранан алан алан алан алан алан алан ала
Construction Inspection	n Private \$	τ.	enverse allevat	RIOR: \$
Construction Inspection	n Public \$	12-	·	
Reimbursable Expense	the second state of the se	A REAL PROPERTY AND A REAL	NO/4612/215760/1	aventeennetten \$
ENGINEERING COST	\$	56,478.52		
And a second		a sub-second pint as an ability of the second pint of the	NON-GHAPTER 88-4	PUBLIC/PRIVATE: \$
Surgers of the second	STRUCTION (LABOR & MATERIA	And An event in many sector and the reper characteristical	Door Entim	ate Exceed \$1.75M Cap? - N
Description Installation Labor	e.	Amount 826,368.00		timate Require 75% Cap? - N
Installation Materials	\$		DUCS LS	
Removal Labor	ŝ	19 19 19 19 19 19 19 19 19 19 19 19 19 1		
Site Costs	S	1 A		V DE POSITI (E APPLICABLE)
Material Provided to St	ate \$			
Salvage Materials	\$		REAL PARTY REAL	EDS SHIDNE SO.00
Non-Usable Materials	\$	*		a provincia da contra
Service Se	•		ALCOURTE OVER 10/24	(RELISIONE) \$0.00
ESSI MARENCE NEME	UCTION COST: \$	826,368.00		
			SULVIED UN	BETTERUE)H SOUL \$0.00
Description	BETTERMENT	Amount	NONLOUISDIED DO BU	NEIN CONST COST. \$0.00
Description Installation Labor	•	Amount	NON-OTAF IEN 60 MC	N/EINCONST COST. \$0.00
Installation Materials	\$			
moundour matchais	φ		(9) AL UTILINA DER	\$0.00
ESTIMATED UTILITY	BETTERMENTICOSIT			
SAUDARD NERVAN	EMENT BASE MENT BOSK \$	•		
Contracted and the second of t	above, separate Easement Contra	ct is needed		
	n nya ana ana malanya atawa			ъ
ESTIMATED TO TAL G	ONSTRUCTION COST: \$	882,846.52		

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

Revision 10-25-2013

TDOT Utility Form 2013-16 Page 4.1

"Exhibit A"



Declaration of Scheduled Calendar Days

Project Number:	94092-2226-14	Date:	April 10, 2015
	SR-397(Mack Hatcher Parkway) from SR-96 West of Frank North of Franklin	lin to SR	-109 (US 431)
County:	Williamson		
	City of Franklin		
	109 3rd Avenue S.	p Code:	37065
•	Fidikini, iv	lumber:	01000
Phone Number:	Water Sewer Gas Teleph		
Type of Facilities:	CATV Fiberoptic Other		

Required Period services cannot be interrupted:

All estimated days should be expresses 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)	45	see Note 1
Mobilize Work Force (including Bidding process if Required)	45	see Note 2
Complete Relocation	225	see Notes 3 & 4
Total Days To Complete	315 🗸	
Total Days To Complete	ALS I	

Special Conditions:

Note 1: All materials shall be submitted to City Staff for approval prior to release of material order by the contractor

Note 2: Assumes project is included and bid with State Contract

Note 3: Schedule to be dictated by main contractor

Note 4: Water tie-ins to occur at night or off peak times with 72 hour advance notice to City

4/10/15 Date Signature of submitting

Signature of submitting

State Representative

5/2/16 Date 5/9/16 me

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

Revisioin 10-25-2013

Utility Representative

TDOT Utility Form 2013-16



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:	94092-222		COUNTY/S: Williamson						
	FEDERAL:	STP/HF	PP-397(10)		PIN: _				
	1. The utility is seeking re-	eimbursement under pro	visions of	TCA 54-5-804 as a	meneded by Pu	blic Acts 2003	3, Chapter number	86.		
	2. To the best of my know relocation plan, sched		npliance v the Depa	with TCA § 54-5-80 rtment within 120 d	4(a)(1) and this ays after receip	policy in that t	he utility has return	ed its		
	3. To the best of my know facility on the public hi		mpliance v	with TCA 54-5-804(b) in that the uti	lity has a valid	permit to locate its	utility		
	4. The utility is eligible for	r reimbursement in acco	rdance wit	th the Limitation pro	visions of the T	DOT Policy 3	40-07 in that it is:			
		Municipally Owned	X	Utility District			Utility Cooperati	ve		
	5. The utility is considered	ed to be a specific utility of	ategory lis	sted in accordance	with the Limitati	ion provisions	of the TDOT Policy	340-07:		
-	☑ Water									
	Waste Water									
	Gas	Distribution	🗆 Tra	nsmission					ġ.	
	Electric	Distribution	🗆 Tra	nsmission						
	Communication	CATV	D Pho	one	Fiberopt	tic E	Broadband		1	
	Street Lighting									
	Other									
				یند د باری ادانان و بیداد. در اینا همین مرد در ب	ومرجعته مردا ورواده ورزو	and a man the months of	the second second second	-		t Si sterment
	Signat	ure indicates this indiv	idual has	the legal authority	y to sign contra	acts and agre		e the truing	• 2997	
	Signature:						Date:	.		
	Print Name:			han						
	Title:		o le service anna	an an anna a' tha an a' tha an a succession an	· ·					
	Utility Name:		1 m		· · · · · · · · · · · · · · · · · · ·					
	Utility Address:	~	: 					2		
	City, State, Zip:	·	AT THE PARTY OF THE PARTY OF							8
harpen ng 🐂	Phone Number:	n na mana na m Na mana na mana		gana ngunam gandar Bou minina di minina d Muni Burra da La Manazaria di Manazaria	unu valmus suur v. 2 – valans assem		- Canadra Providenci - Conta Canadradada A		n an an thugan ay ann a turn start a	دور کرد استان اسان و <mark>به امو</mark> رامیزودی
	Fax Number:			· ·						
	Email Address:							· · ·		
			* ÷ - *							
						*				
								TDO	T Utility Form	n 2013-16
Re	evision 10-25-2013							100	ounty ron	Page 4.2

1999	TOOT
SECH	1001
Trans Martin	

ESTIMATE OF ENGINEERING COST

TDOT Project Number(\$):	STP/HPP-397(*	0) 94092-2226-14 (
			Wa	County(les):	Williamson		
				Consultant Nam	Address'		
Utility Name & Address: City of Franklin, TN				Smith Seckman			
109 3rd Avenue South				2995 Sidco Drive		· · · · · · · · · · · ·	
Franklin, TN	37064			Nashville, TN		7204	· · · · · · · · · · · · · · · · · · ·
	JIUA						
	e de la compañía de l	CON	SULTANTIENGINE	ERINGESTIM	ATE		
Place an "X" in the appropriate	box:	x Standard Contra	act [Continuing Con	itract (attach copy of Contra	ict for TDOT verificat	tion)
Classification	Rate/Hr	Hours	ONSTRUCTION Total	Hours	ISTRUCTION Total	Hours	CITON INSPECTION
Principal	\$ 66.00	5	\$ 330.00		\$.		\$ =
Project Manager	\$ 53.00	125	\$ 6,625.00	30	\$ 1,590.00		\$
Design Engineer	\$ 40.00	45	\$ 1,800.00	5	\$ 200.00		\$ ·
Designer / Senior Designer	\$ 43.00	155	\$ 6,665.00	20	5 860.00		5 ·
Techician / Draftsperson	\$ -		s -		\$ ·		<u>s</u>
Administrative	\$ 25.00	15	\$ 375.00	5	5 125.00	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	\$ -
Field Inspector	\$ -		\$		\$.		\$
Licensed Surveyor-	\$ 41.00		\$ 7		<u>s</u>		<u>s</u>
Rod Person	\$ 30.00		S . N		5	<u></u>	\$
	\$ -		<u>\$</u>		<u>s</u>		\$
Total Engineering Services		345	\$ 15,795.00	60	\$ 2,775.00	0	\$ <u>.</u>
IL REMOURSAULE EXPENSES				HAR COLOR	A Real Property in the second s	CALL STORE	
	Cost/Unit	Quantity	Total	Quantity	Total	Quantity	Total
Transportation / Mile:	\$ 0.47		= \$ 197.40	500	\$ 235.00		= \$ -
Meals / Day:		x;	= <u>\$</u>		<u>s</u>		= \$ -
Lodging / Day:		x	= <u>\$</u>	The Construction of the	. S	- and the second second	= \$
Printing / Shipping:			- A/1		2 E		
Other (Specify):			and the second sec		 A state of the sta		
Other (Specify):					·		·
Total Reimbursable Expenses			\$ 197.40		\$ 235.00		\$
NOREETT CHEREADER		and the second second			A SUCCESSION OF THE OWNER		A STATE OF STATE OF STATE
Indirect/Overhead Rate (not to a		171.26%	\$ 27,060.62	171,25%	\$ 4,752.47	Distances and a second	5 - 1
and a second of the second	and the second sec	pine site states	Contraction of the local division of the loc	Description and the second		Contraction of the	
Allowable Rate (Maximum of 13		13.00%	\$ 4,826.37	13.00%	\$ 847.76	Contraction of Contraction	15
17 A	÷	Accession and a start of the start of the	Consultant Engineering Se	t	A second	will off diverting	Bearing the second seco
		nd iv only apply to c	Sounding and	invices unition a co	internet agreen		in the second
107145 (C	ACC28			a sin and	datash terratestation for	Property of the Party of the Pa	
Standard Consultant: (I+II+III+IV)=		\$ 66,478.62	Private:	3	Private:	5
Continuing Contract: (I+II) =							
			5	Public:	5	Public:	S
			<u>s</u> .	Public:		Contract the support of the section of the section of the	Construction of the second sec
			<u>\$</u>	Public:	3078-005		Terre la
			<u>s</u>	Public:	Stand	Télénologiation de lard Consultant:	\$ 56,478.52
			<u>\$</u>	Public:	Stand		Terre la
u La constante de la constante de	•				Stand	Télénologiation de lard Consultant:	\$ 56,478.52
				Ω(c€=.11) [,] .Υ	Abytal dig Stand Conti	In densities and the second se	5 56,478.52 5
			(DUJSE)(CI)IEE;	Ω(c€5.11)./.\)	Horra - 09 Stand Conti El Shauerrout	Id Consultant; nuing Contract:	<u>5 56,478.52</u> <u>5 -</u>
Classification	Ratofit	ILE Hours	(fe) (j=) =] (C N== ; Neardlea (St) Total	Ω(c€=.11) [,] .Υ	Stand Conti E Stand Conti E Stand Conti Co	In densities and the second se	5 56,478.52 5
Classification Project Manager	Ratofi	We state the second sec	(fe)1(∃:\$=\{C})\[∃=; Total 5 ;	Π(c€=s₁).''.\j	Stand Conti E STRUCTION Total	Id Consultant; nuing Contract:	5 56,478.52 5 7 5 7 5 7 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Classification Project Manager Engineer	Rato/tr	We state the second sec		Π(c€=s₁).''.\j	Stand Conti E STEUCTION Total S	Id Consultant; nuing Contract:	\$ \$6,478.52 \$ \$6,478.52 \$
Classification Project Manager Engineer Drafiperson	Rato/Hr	We state the second sec	(*e)((;);;;;;)(c)));;;;;;; (*e)((;);;;;;;); Total S S S S S 2	Π(c€=s₁).''.\j	E Total Stand Conti E Total S S S	Id Consultant; nuing Contract:	S 86,478.52 S - Total - S - S - S -
Classification Project Manager Engineer Draftperson Administrative	Ratoffr	We state the second sec	(O) I(J=) =] (C) I(I== ; Total 5 = : 5 = : 5 = :	Π(c€=s₁).''.\j	Stand Conti Conti Stand Conti Stand Total Stand	Id Consultant; nuing Contract:	5 56,478.52 5
Classification Project Manager Engineer Draftperson Administrative Field Inspector	Rato/hr	We state the second sec	(C) 11(72) EN (C) 11(2) EN Total S 5 S 2 S 2 S 2 S 2 S 2 S 2 S 2 S 2	Π(c€=s₁).''.\j	Stand Conti E Stand Conti E Stand Conti E Stand Conti Stand Stand Conti Stand Conti Stand Conti Stand	Id Consultant; nuing Contract:	5 56,478.52 5
Classification Project Manager Engineer Draftperson Administrative Field Inspector Licensed Surveyor	Rato/Hr	We state the second sec	(*) USES EX (CIVIDER Total S : S : S : S : S : S : S : S : S : S :	Π(c€=s₁).''.\j	Stand Conti Conti Stand Conti Stand Total S S S S S S S S S S S S S S S S S S S	Id Consultant; nuing Contract:	5 56,478.52 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7
Classification Project Manager Engineer Draftperson Administrative Field Inspector Licensed Surveyor		We state the second sec	(T) () = (C = = (C = = (C = = (C	Π(c€=s₁).''.\j	Stand Conti EC STRUCTION Total S S S S S S S S S S S S S S S S S S S	Id Consultant; nuing Contract:	\$ \$6,478.52 \$ \$6,478.52 \$ \$ Total \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Classification Project Manager Engineer Draftperson Administrative Field Inspector Licensed Surveyor Rod Person		We state the second sec	Total S	Hours	Stand Conti Conti Stand Conti Stand Total S S S S S S S S S S S S S S S S S S S	Identification in a consultant: inulng Contract:	5 56/778-52 5 - 7 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -
Classification Project Manager Engineer Draftperson Administrative Field Inspector Licensed Surveyor Rod Person		We state the second sec	(*e){(;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;	Π(c€=s₁).''.\j	Electron Ele	Id Consultant; nuing Contract:	S 86,478.52 S - Total - S - S - S - S - S - S - S - S - S - S - S - S - S -
Classification Project Manager Engineer Draftperson Administrative Field Inspector Licensed Surveyor Rod Person Total Engineering Services			Total S	Hours	Stand Conti Conti Stand Conti Stand Total S S S S S S S S S S S S S S S S S S S	Identification in a consultant: inulng Contract:	5 56/778-52 5 - 7 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -
Classification Project Manager Engineer Draftperson Administrative Field Inspector Licensed Surveyor Rod Person Total Engineering Services			Total S	Hours	Conti Stand Conti Conti S S S S S S S S S S S S S S S S S S S	Identification in a consultant: inulng Contract:	5 56/778-52 5 - 7 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -
Classification Project Manager Engineer Draftperson Administrative Field Inspector Licensed Surveyor Rod Person Total Engineering Services	<u> </u>	Hours	(*) USES EX (CIVILEE : Xemaceneeus S 2 S 2 S 2 S 2 S 2 S 2 S 2 S 2 S 2 S 2	Hours	Stand Conti E Stand Conti E S S S S S S S S S S S S S S S S S S	I discontenentiant: Inuling Contract: Hours Hours	S 56,478,52 S - Total - S - Total -
Classification Project Manager Engineer Draftperson Administrative Field Inspector Licensed Surveyor Rod Person Total Engineering Services Tratistication / Mile:	S	Hours	Total S S S S S S S S S S S S S S S S S S S	Hours	Stand Conti Conti Stand Conti S S S S S S S S S S S S S S S S S S S	I discontenentiant: Inuling Contract: Hours Hours	3 56,478.52 3 - 3 - 5 -
Classification Project Manager Engineer Draftperson Administrative Field Inspector Licensed Surveyor Rod Person Total Engineering Services Transportation / Mile: Meals / Day: Lodging / Day:	S Cost/Unit	Hours	(0)1(J=S=)(C)1(H== Total S = - S =	Hours	Stand Conti E Stand Conti E S S S S S S S S S S S S S S S S S S	I discontenentiant: Inuling Contract: Hours Hours	S 56,478,52 S - Total - S - Total -
Classification Project Manager Engineer Draftperson Administrative Field Inspector Licensed Surveyor Rod Person Total Engineering Services Transportation / Mile: Meals / Day: Lodging / Day: Printing / Shipping:	S Cost/Unit	Hours Hours	(e)1.3-3:E. (CIVILLE : Total 5	Hours	Conti Stand Conti Conti S S S S S S S S S S S S S S S S S S S	I discontenentiant: Inuling Contract: Hours Hours	3 56,478.52 3 - 3 - 5 -
Classification Project Manager Engineer Draftperson Administrative Field Inspector Licensed Surveyor Rod Person Total Engineering Services Transportation / Mile: Meals / Day: Lodging / Day: Printing / Shipping: Other (Specify):	S Cost/Unit	Hours Hours	(e)1.3-se. (c)1.1115 ; Total 5 : - 5 : -	Hours	Stand Conti Conti Stand Conti S S S S S S S S S S S S S S S S S S S	I discontenentiant: Inuling Contract: Hours Hours	3 56,478.52 3 56,478.52 3 - Total - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -
Classification Project Manager Engineer Draftperson Administrative Field Inspector Licensed Surveyor Rod Person Total Engineering Services Transportation / Mile: Meals / Day: Printing / Shipping: Other (Specify):	S Cost/Unit	Hours Hours	(e)1.3-se. (c)1.1115 ; Total 5 : - 5 : -	Hours	Conti Stand Conti Conti S S S S S S S S S S S S S S S S S S S	I discontenentiant: Inuling Contract: Hours Hours	S 56,478.52 S - Total - S -
Classification Project Manager Engineer Draftperson Administrative Field Inspector Licensed Surveyor Rod Person Total Engineering Services Transportation / Mile: Meals / Day: Printing / Shipping: Other (Specify): Dther (Specify):	S Cost/Unit	Hours Hours	(e)1.3-se. (c)1.1115 ; Total 5 : - 5 : -	Hours	Conti Stand Conti Conti S S S S S S S S S S S S S S S S S S S	I discontenentiant: Inuling Contract: Hours Hours	3 56,478.52 3 56,478.52 3 - Total - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -
Classification Project Manager Engineer Draftperson Administrative Field Inspector Licensed Surveyor Rod Person Total Engineering Services Inspectation / Mile: Meals / Day: Lodging / Day: Printing / Shipping: Other (Specify): Other (Specify): Total Relmbursable Expenses	\$	Hours Hours	Image: Second	Hours	Stand Conti	I discontenentiant: Inuling Contract: Hours Hours	S 56,478.52 S - Total - S -
Classification Project Manager Engineer Draftperson Administrative Field Inspector	S	Hours Hours	Image: Second	Hours	Stand Conti	I discontenentiant: Inuling Contract: Hours Hours	S 56,478.52 S - Total - S -
Classification Project Manager Engineer Draftperson Administrative Field Inspector Licensed Surveyor Rod Person Total Engineering Services Transportation / Mile: Meals / Day: Lodging / Day: Printing / Shipping: Other (Specify): Total Reimbursable Expenses II. MORRECT / OVERVIEAD EXPE	S	Hours Hours	(0)1(c)=S=.(C)1(H==; Total S = - S	Hours Hours	Stand Stand Conti S <	A consultant: inuling Contract: Hiosens 0 0 0 0	S 56,478.52 S -

Public:

1 1

5

Private:

5

1

TDOT Utility Form 2013-16 Sheet 1.1

REMOVAL LABO	R: SALV	AGE AND NON-USABLE (JUNKED) MATERIALS	

		6 a - 1	1	-10	LA	BOR			A SAL	
			in He		etter.	Eottract	Bid Cont	during1		Subbed /
TDOT Hom No.	Rem Description	Oty	Linit Cost			Unit Cour		more	Salvage / Reused	Juntiked (Scheppert
		T		15			1			
				\$			5		1	
		1		2	-		5			
				\$	-		\$			
		1		\$			5			
				's			5	•		
			1	15			5			
		1		5			5			
				5	•		5			
				5			5		. C	
			-	\$			5	•		
	· ·			s			5	-		
·				5.			5	-	1.5	
			1	\$			\$		7	
				\$	-		5			
				\$			5	-		
-				5			5			
				5	-		\$	-		
				-5	- 1		5	•		
TAL REMOVAL C	COSTS			1.0000	Service Col			7.5	A to the standard and	3 1
				(To Page	1.1: 145	3	To Pag	4 1:F44	(To Page 4 1: F49)	(To Page 4 1: F50)

Revision 10-25-2013

4	OUPPENT COST INCLUDED WITH INSTALLATION COS			MOR			BETTERMEN				
		1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -	In He	USE Cost] Contract (i	Bid/Coatinuing1	Unit Cost	Provided to State	instali	Labor	T
TOOT Kem No.	tem Description	O'y	Unit Cost	Estanied	Unit Cost	Erlended	Unit Cost	FIOTE O OCHE	Extended		1
307-02 65	ASPHALT CONCIMON (FG76 72 HBPME HM SGR B-1/2	55		\$.	\$75.05	5 4 125 60			1 .	-	
403-01	E TUMINOUS MATERIAL FOR TACK COAT (1C)	0.03	1	5	\$4660.00	\$ 18.00			5		_
411-52 10	ACS NO (PG78-22) GRADING D	12		1	\$85 CO	5 1.020.00			<u>s</u> .		_
407-02 14	ASPHALT PAVEMENT REPAIR	35	1	٠. <u>۲</u>	\$50 00	\$ 1,750.00			<u> .</u> .		1
701-01-01	CONCRETE SIDEWALK (4')	10		5	\$5 00	5 50 00			<u>s</u> .		_
795-01.03	EIN DIE RESTRAINED JOUT WATER UNE	40		5.	\$47.00	1 880 60			<u>.</u>		· ·
795-01 15	16HLDIP RESTRAINED JOINT WATER LINE	1675		£	\$ 150 00	£ 251 250 CC			\$		
755-01 16	16IN DIP SUP JOINT WATER LINE	925		£ · ·	\$ 120 CC	\$ 111,000 CC.		-	<u>s</u>	L	_
795-01 19	24IN DIP RESTRAINED JOINT WATER LINE	475		٤ -	\$205 00	\$ 97,375.00			<u>s</u> .		
755-05 70	BOREMACH JEIN STEEL CASING FEE-UNCON	150		·s .	\$400.00	\$ 60,000 00			5 .		
765-06 04	CONNECT TO BIN WATER LINE	3		5	\$2,500.00	5 5,0000			\$		
795-06 10	CONNECT TO 15IN WATER LINE	1		\$ -	\$8,000.00	\$ 6.000.00			5 .		_
795-06 11	CONNECT TO 20IN WATER LINE	1		\$ -	\$6,500 CC	5 E.500 CG			\$.		_
795-06 12	CONNECT TO 24IN WATER LINE	2		\$ -	\$9,000.00	5 16,000.00			s .		1
795-06 30	CUT, CAP AND ABAYDON EXISTING WATER LINE	6		5 .	\$700 00	5 4,200.00			5 .		-
795-08 04	OIN GATE VALVE ASBEMBLY	2	•	\$ -	\$1,300.00	\$ 2 600 00			s .		
795-08 15	18IN BUTTERFLY ASSEMBLY	5		\$ -	\$7,500.00	\$ 37,500.00			s .		1
795-08 19	24IN BUTTERFLY ASSEMBLY	2		5 -	\$8,500.00	\$ 17,000.00			\$.	-	
795-09 01	MAIN WATER SERVICE METER ASSEMBLY	2		1 .	\$650.00	\$ 1,300.00			s .		
795-09 04	2IN WATER SERVICE METER ASSEMBLY	1		s .	\$5,000.00	\$ 5,000.00			s .		_
795-09 09	RELOCATE/RECONNECT SERVICE ASSEMBLY	4		s .	\$1,000.00	\$ 4,000.00			5 .		_
795-09 12	3IN COPPER SERVICE PIPE	75		5	\$50.00	\$ 4,600.00			\$.		
795-09 17	21N HOPE SERVICE PIPE	75		5.	\$20 00	\$ 1,500 00	100		s .		
795-09 28	34IN COPPER SERVICE PIPE	50		5 .	\$25 00	\$ 1,250.00			\$.		
795-10 05	2111 AUTOMATIC AIR RELEASE VALVE ASSEMBLY	2		\$.	\$2,750.00	\$ 5,500.00			s .		
795-11.02	FIRE HYDRANT ASSEMBLY	Ť		\$.	\$4,500.00	\$ 4,500.00	1.1		5 -		
795-12 02	REMOVAL OF EXISTING LINE	1		3 .	\$10,000 00	5 i0,000.00			s .		
795-13.01	DUFITTING5	15910		5 -	\$5.00	\$ 79,550 00	·		\$.		-
795-14.05	CONCRETE ENCASEMENT	20		5.	\$50.00	\$ 1,000.00			s .		-
755-14.06	CONCRETE PIERS	2		5 .	\$500 00	\$ 1,000 00			5 -		
795-15.12	421N STEEL CASHIG PIPE OPEN OUT METHOD	195		1 .	5400.00	5 78,000.00			5 .		
				5 .		5.	art more stations of		5 .		
TOTAL INSTALLAT	ION COSTS			(To Page 4.1; F44)		8 820 368.00 (To Page 4 3; F44)		(To Page 4.1; F48)	(To Page 4 1; F45)	(To Page 4 1; F56)	

THE REFERENCE OF THE STATE OF THE STALLATION LABOR AND WATERIALS; BETTERMENT; MATERIALS PROVIDED TO TRESTATE (SUBSE-CONSERVATE) THE STALLATION CABOR AND WATERIALS; BETTERMENT; MATERIALS PROVIDED TO TRESTATE (SUBSE-CONSERVATE)

TDOT Uliky Form 2013-16 Sheet 2.1

SITE COSTS (Now Prior Daily))

Clearing & Grubbing Traffic Control Eroslon Control TOTAL SITE COST

To Page 4 1: F57)

BETTERMENT Statestal