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August 28, 2023

Mr. Scott Langford, PE Town Engineer/Public Works Director Town of Tyrone 950 Senoia Road Suite A Tyrone, GA 30290

## Re: Town of Tyrone - Professional Transportation Design Services Fee Proposal Task Order #9 – 2024 Roadway Resurfacing

Pond & Company (Pond) is pleased to submit this proposal for transportation engineering design services for the above project. The paragraphs below describe the professional services and fees to accomplish this work.

## **PROJECT UNDERSTANDING:**

As part of the Town of Tyrone Transportation Engineering Services On-Call, Task Order #9 will consist of roadway resurfacing along several roadways/corridors within the town limits. These sections (showing approximate lengths and PCI ratings) are included below:

- Foxford Run (1,676.8 LF PCI N/A)
- Laurel Lake Road (1,295 LF PCI 47)
- Laurel Wood Drive (1,576.1 LF PCI 38.4)
- Laurel Wood Drive (1,815.3 LF PCI 66)
- Laurel Wood Drive (309.9 LF PCI 93)
- Strawberry Lane (419.6 LF PCI 39.9)
- Ridge Road (2,418.8 LF PCI 49.8)

#### **PROFESSIONAL SERVICES:**

The work in this proposal will consist of developing preliminary through final construction plans. Pond, along with our subconsultants, will provide the design services necessary in completing the tasks as described herein for the Town or Tyrone.

#### Scope of Work

#### Task 1: Base Data Coordination/Development

*Task 1A.* Base Mapping Setup – Pond will utilize available GIS information and aerial imagery to prepare the base mapping. This includes parcel data, roadway data, utility data, and contour information. This information will be overlayed on high-resolution aerial imagery.

*Task 1B.* Geotechnical Services Allowance – Pond will utilize the geotechnical subconsultant, ECS, to complete asphalt pavement cores with soil test borings at various locations determined along the corridors listed above.

Architects Engineers Planners Constructors The soil test borings are planned to a depth of 5 feet below existing ground surface. The purpose of the field exploration would be to provide information on the pavement and shallow subsurface soil conditions. Laboratory testing will be completed for all samples, along with a written report. When the field exploration has been completed, a written report outlining the findings and recommendations will be published. An electronic color PDF version of the report will be issued after completion. The report will describe the site conditions and subsurface data, as well as provide a limited engineering evaluation of the site relative to the proposed development. Some of the specific items addressed will include:

- Results of the exploration including boring logs, laboratory testing results, and photographs of the existing site conditions and pavement cores
- Pavement design recommendations
- Determination of potential poor-quality soil or fill material
- Site preparation and fill placement recommendations

## Deliverables for Task 1:

• Geotechnical Report

## Task 2: Preliminary Design

*Task 2A*. Preliminary Design Plans – The Preliminary Plans deliverable will include roadway plans, cross, utility plans (as/if applicable), signing and marking plans, and erosion control plans (as/if applicable). Pond will prepare the construction plans, prepared based on the topographic survey database. The design plans will be prepared conforming to AASHTO, Manual on Uniform Traffic Control Devices (MUTCD), Town of Tyrone/Fayette County, and Georgia Department of Transportation (GDOT) requirements and standards, as appropriate, using Microstation V8i software with InRoads.

*Task 2B.* Site Visit – Pond will complete a site visit to all locations identified to measure lane widths and note relevant items including cracked curb and gutter, manholes and valves, etc.

*Task 2C.* Cost Estimate – Pond will prepare an opinion of probable cost/cost estimate for the project including all resurfacing locations.

*Task 2D.* Town of Tyrone Review – Pond will submit the Preliminary Plans to the Town of Tyrone for comment/approval. This task includes (1) meeting with the town to discuss the plans. We will respond to (1) round of comments and incorporate appropriate comments into the plans (during Task 3).

#### **Deliverables for Task 2:**

- Preliminary Plans
- Cost Estimate

#### Task 3: Final Design

*Task 3A.* Final Design Plans – Based on all comments received from the Preliminary Plan submittal, we will further refine plans. These plans will include compiling a list of all Preliminary Plan comments received and our responses, prior to incorporating into Final Plans.

*Task 3B.* Cost Estimate – Pond will prepare an opinion of probable cost for the project including all resurfacing locations.

*Task 3C.* Town of Tyrone Review – Pond will submit the Final Plans to the Town of Tyrone for comment/approval. This task includes one meeting with the town to discuss the plans. We will respond to (1) round of comments and incorporate appropriate comments into the plans.

#### Task 4: Construction Bid and Construction Support

*Task 4A.* Respond to RFIs – During the bidding and construction process, we will respond in writing to the contractor's request for information.

*Task 4B.* Construction Observation/Punch List – Pond will provide personnel to perform (3) total visits to the site during construction to make sure that the construction is moving along as planned. These visits will be documented as written reports. This includes: (2) site visits during construction and (1) final inspection.

#### Schedule

Pond has estimated that the tasks above can be completed within (3) months from approved notice to proceed with this phase. The Town of Tyrone has a planned completion date of end of December 2023 to allow advertisement of bid. Please note that these time frames are dependent on review times.

#### **ASSUMPTIONS:**

The design plans will be prepared as a locally funded project.

Services or tasks <u>not</u> specifically outlined above are excluded and would be considered additional services. Services <u>not</u> included in the scope:

- Full Design/Engineering Plans
- Topographic Survey
- Right-of-Way Plans
- GDOT Plan Development Process (PDP)
- Traffic Engineering Report/Analysis
- Staging Plans
- Subsurface Utility Engineering (SUE) Services

- Landscape/Hardscape Plans
- GDOT Concept Report
- Additional Meetings
- MS4 Analysis/Documentation
- Environmental Services
- Erosion Control Plans/Inspection
- Utility Coordination

#### **PROFESSIONAL FEES:**

Pond proposes to accomplish *Task 1* through *Task 4* based on the contracted unit rates, not to exceed a total fee of \$74,851.75. The fees are summarized in the attached Man-Hour Fee Estimate.

If this fee and scope is acceptable, Pond & Company is available to begin work immediately. If you would like us to discuss or modify the scope, please contact myself or Zach Puckett, who will serve as the Project Manager. If you need any additional information, please feel free to contact me at (678) 336-7740.

Sincerely,

POND & COMPANY

Richal Benymm

Richard Fangmann, PE, PTOE Vice-President

Cc: Zach Puckett, PE

# **Town of Tyrone**

# On-Call - Task Order #9 2024 Roadway Resurfacing Project Length 1.8 miles

# SUMMARY BY PHASE

# COST AMOUNT OF CONTRACT PROPOSAL 8/28/2023

TOTAL DESIGN COST FOR ALL SEGMENTS	\$ 74,851.75
Phase 4 Construction Bid and Construction Support	\$ 9,171.25
Phase 3 Final Design	\$ 9,283.00
Phase 2 Preliminary Design	\$ 30,153.50
Phase 1 Base Data Coordination/Development	\$ 26,244.00
	PHASE AMOUNTS



	То	wn e	of Tyrone								
	Pha	ase 1	Summary								
PROJECT: On-Call - Task Order #9 2024 Roadway Resurfacing											
Phase 1											
Base Data Coordination/Development											
PERSONNEL	EST. HOURS	R	ATE/HR.		COST \$		TOTALS				
PRINCIPAL	1	\$	220.00	\$	220.00						
PROJECT MANAGER	14	\$	190.00	\$	2,660.00						
SENIOR ENGINEER	14	\$	210.00	\$	2,940.00						
MID LEVEL ENGINEER	37	\$	127.00	\$	4,699.00						
SENIOR LANDSCAPE AF	0	\$	120.00	\$	-						
LANDSCAPE ARCHITEC	0	\$	95.00	\$	-						
ADMINISTRATIVE	3	\$	75.00	\$	225.00						
	69	Mar	bours			\$	10 744 00				
TOTAL DIRECT LABOR		Mar	hours			\$	10,744.00				
DIRECT COSTS (SPECIF						\$					
DIRECT COSTS (SPECIF ITEM		U	NIT COST	C			10,744.00 TOTALS				
<b>DIRECT COSTS (SPECIF</b> ITEM Mileage		UN \$	<b>NIT COST</b> 0.55	C	0	\$					
DIRECT COSTS (SPECIF ITEM Mileage REPRODUCTION		UN \$ \$	NIT COST 0.55 150.00	C	0 0	\$ \$					
DIRECT COSTS (SPECIF ITEM Mileage REPRODUCTION MAIL & DELIVERY		UN \$ \$ \$	<b>NIT COST</b> 0.55	G	0 0 0	\$ \$ \$					
DIRECT COSTS (SPECIF ITEM Mileage REPRODUCTION		UN \$ \$	NIT COST 0.55 150.00	C	0 0 0	\$ \$					
DIRECT COSTS (SPECIF ITEM Mileage REPRODUCTION MAIL & DELIVERY		UN \$ \$ \$	NIT COST 0.55 150.00	G	0 0 0	\$ \$ \$ \$					
DIRECT COSTS (SPECIF ITEM Mileage REPRODUCTION MAIL & DELIVERY		UN \$ \$ \$	NIT COST 0.55 150.00 50.00 -		0 0 0	\$ \$ \$ \$ \$					
DIRECT COSTS (SPECIF ITEM Mileage REPRODUCTION MAIL & DELIVERY TRAVEL	Y):	UN \$ \$ \$	NIT COST 0.55 150.00 50.00 -		0 0 0	\$ \$ \$ \$ \$					
DIRECT COSTS (SPECIF ITEM Mileage REPRODUCTION MAIL & DELIVERY TRAVEL SUBCONSULTANTS (LIS	Y):	UN \$ \$ \$	NIT COST 0.55 150.00 50.00 -		0 0 0	\$ \$ \$ \$ \$	TOTALS - - - - - -				
DIRECT COSTS (SPECIF ITEM Mileage REPRODUCTION MAIL & DELIVERY TRAVEL SUBCONSULTANTS (LIS SUB CONSULTANT	Y):	UN \$ \$ \$	NIT COST 0.55 150.00 50.00 -		0 0 0 0	\$ \$ \$ \$ \$ \$	TOTALS - - - - - - TOTALS				
DIRECT COSTS (SPECIF ITEM Mileage REPRODUCTION MAIL & DELIVERY TRAVEL SUBCONSULTANTS (LIS	Y):	UN \$ \$ \$	NIT COST 0.55 150.00 50.00 -		0 0 0 0	\$ \$ \$ \$ \$	TOTALS - - - - - -				
DIRECT COSTS (SPECIF ITEM Mileage REPRODUCTION MAIL & DELIVERY TRAVEL SUBCONSULTANTS (LIS SUB CONSULTANT	Y):	UN \$ \$ \$	NIT COST 0.55 150.00 50.00 -		0 0 0 0	\$ \$ \$ \$ \$ \$	TOTALS - - - - - - - - -				
DIRECT COSTS (SPECIF ITEM Mileage REPRODUCTION MAIL & DELIVERY TRAVEL SUBCONSULTANTS (LIS SUB CONSULTANT	Y):	UN \$ \$ \$	NIT COST 0.55 150.00 50.00 -		0 0 0 0	\$ \$ \$ \$ \$ \$	TOTALS - - - - - - - - -				
DIRECT COSTS (SPECIF ITEM Mileage REPRODUCTION MAIL & DELIVERY TRAVEL SUBCONSULTANTS (LIS SUB CONSULTANT	Y):	UN \$ \$ \$	NIT COST 0.55 150.00 50.00 - Dir	rect	0 0 0	\$ \$ \$ \$ \$	TOTALS - - - - - - - - - - - - - - - - - - -				
DIRECT COSTS (SPECIF ITEM Mileage REPRODUCTION MAIL & DELIVERY TRAVEL SUBCONSULTANTS (LIS SUB CONSULTANT	Y):	U1 \$ \$ \$	UT COST 0.55 150.00 - Dir Dir Subconsu	rect	0 0 0 0	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	TOTALS - - - - - - - - -				

	Town of Tyrone										
	Phase 1 Detail										
PROJECT: On-Call - Task Order #9 2024 Roadway Resurfacing											
Phase 1											
Base Data Coordination/Development											
		No. of SHT	PRINCIPAL	PROJECT	SENIOR ENGINEER	MID LEVEL ENGINEER	SENIOR LANDSCAPE	LANDSCAPE ARCHITECT	ADMINISTRATIVE	TOTAL	% OF TOTAL
TASKS	Assumptions	3111		INTERCOLIN	ENGINEER	EntomEEnt	ARCHITECT	ANDIMEDI			HOURS
Non-Drawing Tasks										-	
Project Management	Invoices, progress reports (assumed 1 month duration)(1 hr/each)		1	1					1	3	4.3%
Internal Coordination Meeting	2 internal meetings @ 1 hr per meeting			2	2	2			2	8	11.6%
Coordination with Sub				3						3	4.3%
Drawing Tasks											
Base Mapping Development - GIS/Aerial				8	12	35				55	79.7%
		1									
		1									
		<del> </del>									
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		I									
		I									
TOTALS		0	1	14	14	37	0	0	3	69	100.0%

			of Tyrone							
	Pha	ise 2	Summary							
PROJECT: On-Call - Task Order #9 2024 Roadway Resurfacing										
Phase 2										
Preliminary Design										
PERSONNEL	EST. HOURS	R	ATE/HR.		COST \$		TOTALS			
PRINCIPAL PROJECT MANAGER SENIOR ENGINEER MID LEVEL ENGINEER SENIOR LANDSCAPE AF LANDSCAPE ARCHITEC ADMINISTRATIVE	27 47 113 0 0	\$	220.00 190.00 210.00 127.00 120.00 95.00 75.00		440.00 5,130.00 9,870.00 14,351.00 - - 225.00					
TOTAL DIRECT LABOR	192	Man	hours			\$	30,016.00			
TOTAL DIRECT LABOR DIRECT COSTS (SPECIF	_					\$	30,016.00			
	_		hours IT COST	C	QUANTITY	\$	30,016.00 TOTALS			
DIRECT COSTS (SPECIF	_	UN \$		G	QUANTITY 250		30,016.00 TOTALS 137.50			
DIRECT COSTS (SPECIF ITEM Mileage REPRODUCTION	_	UN \$ \$	IT COST	C	250		TOTALS			
DIRECT COSTS (SPECIF ITEM Mileage	_	UN \$	IT COST 0.55	G	250 0	\$	TOTALS			
DIRECT COSTS (SPECIF ITEM Mileage REPRODUCTION	_	UN \$ \$	IT COST 0.55 150.00	G	250 0 0	• \$ \$	TOTALS			
DIRECT COSTS (SPECIF ITEM Mileage REPRODUCTION MAIL & DELIVERY	_	UN \$ \$ \$	IT COST 0.55 150.00		250 0 0	\$ \$ \$	TOTALS			
DIRECT COSTS (SPECIF ITEM Mileage REPRODUCTION MAIL & DELIVERY	_	UN \$ \$ \$	IT COST 0.55 150.00 50.00 -		250 0 0	\$ \$ \$ \$ \$	TOTALS 137.50 - - -			
DIRECT COSTS (SPECIFY ITEM Mileage REPRODUCTION MAIL & DELIVERY TRAVEL SUBCONSULTANTS (LIS	Y):	UN \$ \$ \$	IT COST 0.55 150.00 50.00 -		250 0 0 0	\$ \$ \$ \$ \$	TOTALS 137.50 - - - - 137.50			
DIRECT COSTS (SPECIFY ITEM Mileage REPRODUCTION MAIL & DELIVERY TRAVEL	Y):	UN \$ \$ \$	IT COST 0.55 150.00 50.00 -		250 0 0 0	\$ \$ \$ \$ \$ \$	TOTALS 137.50 - - -			
DIRECT COSTS (SPECIF ITEM Mileage REPRODUCTION MAIL & DELIVERY TRAVEL	Y):	UN \$ \$ \$	IT COST 0.55 150.00 50.00 -		250 0 0 0	\$ \$ \$ \$ \$	TOTALS 137.50 - - - - 137.50			
DIRECT COSTS (SPECIF ITEM Mileage REPRODUCTION MAIL & DELIVERY TRAVEL SUBCONSULTANTS (LIS	Y):	UN \$ \$ \$	IT COST 0.55 150.00 50.00 -		250 0 0 0	\$ \$ \$ \$ \$ \$	TOTALS 137.50 - - - - 137.50			
DIRECT COSTS (SPECIF ITEM Mileage REPRODUCTION MAIL & DELIVERY TRAVEL	Y):	UN \$ \$ \$ \$	IT COST 0.55 150.00 50.00 - Dir	rect	250 0 0 0	\$ \$ \$ \$ \$ \$	TOTALS 137.50 - - - - 137.50			

	Town of Tyrone										
	Phase 2 Detail										
PROJECT: On-Call - Task Order #9 2024 Roadway Resurfac	sing										
Phase 2											
Preliminary Design											
TASKS	Assumptions	No. of SHT	PRINCIPAL	PROJECT MANAGER	SENIOR ENGINEER	MID LEVEL ENGINEER	SENIOR LANDSCAPE ARCHITECT	LANDSCAPE ARCHITECT	ADMINISTRATIVE	TOTAL	% OF TOTAL HOURS
Non-Drawing Tasks	Assumptions						ARCHITECT				HOUKS
Project Management	Invoices, progress reports (assumed 1 month duration)(1 hr/each)		2	1					1	4	2.1%
Internal Coordination Meeting			2	2	2	2			2	8	4.2%
	2 internal meetings @ 1 hr per meeting			2	2	2			2	0 7	4.2%
Quality Control (assumes Preliminary Plan Review)				2	2	3				/	3.6%
Drawing Tasks				2		0				45	
Typical sections					4	9				15	7.8%
General notes				1	1	3				5	2.6%
Plan view	Includes roadway resurfacing and signing/pavement marking items			8	34	75				117	60.9%
Cost Estimate				2	4	12				18	9.4%
Site Visit				8		8				16	8.3%
PFPR Meeting	Virtual			1		1				2	1.0%
	V II COLUI										1.070
		1								1	1
									1		
		-									
		1	1		1		1	1		1	1
TOTALS		0	2	27	47	113	0	0	3	192	100.0%

			of Tyrone							
			Summary							
PROJECT: On-Call - Task Order #9 2024 Roadway Resurfacing										
Phase 3										
Final Design										
PERSONNEL	EST. HOURS	RA	ATE/HR.		COST \$		TOTALS			
PRINCIPAL PROJECT MANAGER SENIOR ENGINEER MID LEVEL ENGINEER SENIOR LANDSCAPE AF LANDSCAPE ARCHITEC ADMINISTRATIVE	12 8 39 0 0	\$	220.00 190.00 210.00 127.00 120.00 95.00 75.00		220.00 2,280.00 1,680.00 4,953.00 - - 150.00					
TOTAL DIRECT LABOR	62	Man	hours			\$	9,283.00			
TOTAL DIRECT LABOR DIRECT COSTS (SPECIF	_	Man	hours			\$	9,283.00			
	_		hours IT COST	C	QUANTITY	\$	9,283.00 TOTALS			
DIRECT COSTS (SPECIF	_			C		\$ \$				
DIRECT COSTS (SPECIF ITEM	_	UN	IT COST	C	0	• [				
DIRECT COSTS (SPECIF ITEM Mileage	_	UN \$	<b>IT COST</b> 0.55	C	0 0	\$				
DIRECT COSTS (SPECIF ITEM Mileage REPRODUCTION	_	UN \$ \$	IT COST 0.55 150.00	C	0 0 0	• \$ \$				
DIRECT COSTS (SPECIF ITEM Mileage REPRODUCTION MAIL & DELIVERY	_	UN \$ \$ \$	IT COST 0.55 150.00	C	0 0 0	\$ \$ \$				
DIRECT COSTS (SPECIF ITEM Mileage REPRODUCTION MAIL & DELIVERY	_	UN \$ \$ \$	IT COST 0.55 150.00 50.00 -		0 0 0	\$ \$ \$ \$ \$				
DIRECT COSTS (SPECIF ITEM Mileage REPRODUCTION MAIL & DELIVERY	Y):	UN \$ \$ \$	IT COST 0.55 150.00 50.00 -		0 0 0 0	\$ \$ \$ \$ \$	TOTALS - - - - - - -			
DIRECT COSTS (SPECIF ITEM Mileage REPRODUCTION MAIL & DELIVERY TRAVEL	Y):	UN \$ \$ \$	IT COST 0.55 150.00 50.00 -		0 0 0 0	\$ \$ \$ \$ \$				
DIRECT COSTS (SPECIF ITEM Mileage REPRODUCTION MAIL & DELIVERY TRAVEL SUBCONSULTANTS (LIS	Y):	UN \$ \$ \$	IT COST 0.55 150.00 50.00 -		0 0 0 0	\$ \$ \$ \$ \$	TOTALS - - - - - - -			
DIRECT COSTS (SPECIF ITEM Mileage REPRODUCTION MAIL & DELIVERY TRAVEL SUBCONSULTANTS (LIS	Y):	UN \$ \$ \$	IT COST 0.55 150.00 50.00 -		0 0 0 0	\$ \$ \$ \$ \$	TOTALS - - - - - - -			
DIRECT COSTS (SPECIF ITEM Mileage REPRODUCTION MAIL & DELIVERY TRAVEL SUBCONSULTANTS (LIS	Y):	UN \$ \$ \$	IT COST 0.55 150.00 50.00 - Dir	rect	0 0 0 0	\$ \$ \$ \$ \$ \$	TOTALS - - - - - - -			

	Town of Tyrone										
	Phase 3 Detail										
PROJECT: On-Call - Task Order #9 2024 Roadway Resurfacing											
Phase 3											
Final Design											
TASKS	Assumptions	No. of SHT	PRINCIPAL	PROJECT MANAGER	SENIOR ENGINEER	MID LEVEL ENGINEER	SENIOR LANDSCAPE ARCHITECT	LANDSCAPE ARCHITECT	ADMINISTRATIVE	TOTAL	% OF TOTAL HOURS
Non-Drawing Tasks	Assumptions						ARGHITEGT				HOUNS
Project Management	Invoices, progress reports (assumed 1 month duration)(1 hr/each)		1	1					1	3	4.8%
Internal Coordination Meeting	1 internal meetings @ 1 hr per meeting			1	1	1			1	4	6.5%
Quality Control (assumes Final Plan Review)	Tinternal meetings @ Thi per meeting			2	1	3				6	9.7%
Drawing Tasks				-						0	9.170
Respond to Preliminary Comments				1	1	2				4	6.5%
Address Preliminary Comments/Revisions						2				-	0.5%
General notes Comments/Revisions				1		1				2	3.2%
Typical section Comments/Revisions				1		3				4	6.5%
Plan view Comments/Revisions				2	4	25				31	50.0%
Plan view Comments/Revisions				2	4	23				31	50.0%
Cost Estimate				2	1	3				6	9.7%
	Virtual			1	1	3				2	9.7%
FFPR Meeting	Virtuai			1						2	3.2%
TOTALS		0	1	12	8	39	0	0	2	62	100.0%

	То	wn e	of Tyrone							
			Summary							
PROJECT: On-Call - Task Order #9 2024 Roadway Resurfacing										
Phase 4										
Construction Bid and Cons		oort								
PERSONNEL	EST. HOURS	R	ATE/HR.		COST \$		TOTALS			
PRINCIPAL	1	\$	220.00	\$	220.00					
PROJECT MANAGER	23	\$	190.00	\$	4,370.00					
SENIOR ENGINEER	5	\$	210.00	\$	1,050.00					
MID LEVEL ENGINEER	25	\$	127.00	\$	3,175.00					
SENIOR LANDSCAPE AF	0	\$	120.00	\$	-					
LANDSCAPE ARCHITEC	0	\$	95.00	\$	-					
ADMINISTRATIVE	2	\$	75.00	\$	150.00					
							1			
TOTAL DIRECT LABOR	56	Mar	hours			\$	8,965.00			
TOTAL DIRECT LABOR DIRECT COSTS (SPECIF		Mar	hours			\$	8,965.00			
		•	nhours	C	QUANTITY	\$	8,965.00 TOTALS			
DIRECT COSTS (SPECIF		•		C	QUANTITY 375	[				
DIRECT COSTS (SPECIF ITEM		UN \$	NIT COST	C	375	[	TOTALS			
<b>DIRECT COSTS (SPECIF</b> ITEM Mileage		UN \$ \$	NIT COST 0.55	C	375 0	\$ \$	TOTALS			
<b>DIRECT COSTS (SPECIF</b> ITEM Mileage REPRODUCTION MAIL & DELIVERY		UN \$ \$ \$	NIT COST 0.55 150.00	C	375 0 0	\$ \$ \$	TOTALS			
<b>DIRECT COSTS (SPECIF</b> ITEM Mileage REPRODUCTION		UN \$ \$	NIT COST 0.55 150.00	C	375 0 0	\$ \$	TOTALS			
<b>DIRECT COSTS (SPECIF</b> ITEM Mileage REPRODUCTION MAIL & DELIVERY		UN \$ \$ \$	NIT COST 0.55 150.00	C	375 0 0	\$ \$ \$ \$	TOTALS			
<b>DIRECT COSTS (SPECIF</b> ITEM Mileage REPRODUCTION MAIL & DELIVERY		UN \$ \$ \$	NIT COST 0.55 150.00 50.00 -		375 0 0 0	\$ \$ \$ \$ \$	TOTALS 206.25 - - - -			
DIRECT COSTS (SPECIF ITEM Mileage REPRODUCTION MAIL & DELIVERY TRAVEL	Y):	UN \$ \$ \$	NIT COST 0.55 150.00 50.00 -		375 0 0	\$ \$ \$ \$ \$	TOTALS			
DIRECT COSTS (SPECIF ITEM Mileage REPRODUCTION MAIL & DELIVERY TRAVEL SUBCONSULTANTS (LIS	Y):	UN \$ \$ \$	NIT COST 0.55 150.00 50.00 -		375 0 0 0	\$ \$ \$ \$ \$	TOTALS 206.25 - - - - 206.25			
DIRECT COSTS (SPECIF ITEM Mileage REPRODUCTION MAIL & DELIVERY TRAVEL	Y):	UN \$ \$ \$	NIT COST 0.55 150.00 50.00 -		375 0 0 0	\$ \$ \$ \$ <b>\$</b>	TOTALS 206.25 - - - -			
DIRECT COSTS (SPECIF ITEM Mileage REPRODUCTION MAIL & DELIVERY TRAVEL SUBCONSULTANTS (LIS	Y):	UN \$ \$ \$	NIT COST 0.55 150.00 50.00 -		375 0 0 0	\$ \$ \$ \$ \$	TOTALS 206.25 - - - 206.25			
DIRECT COSTS (SPECIF ITEM Mileage REPRODUCTION MAIL & DELIVERY TRAVEL SUBCONSULTANTS (LIS	Y):	UN \$ \$ \$	NIT COST 0.55 150.00 50.00 -		375 0 0 0	\$ \$ \$ \$ <b>\$</b>	TOTALS 206.25 - - - 206.25			
DIRECT COSTS (SPECIF ITEM Mileage REPRODUCTION MAIL & DELIVERY TRAVEL SUBCONSULTANTS (LIS	Y):	UN \$ \$ \$	NIT COST 0.55 150.00 50.00 -		375 0 0 0	\$ \$ \$ \$ <b>\$</b>	TOTALS 206.25 - - - 206.25			
DIRECT COSTS (SPECIF ITEM Mileage REPRODUCTION MAIL & DELIVERY TRAVEL SUBCONSULTANTS (LIS	Y):	UN \$ \$ \$	NIT COST 0.55 150.00 50.00 - Dir	rect	375 0 0 0	\$ \$ \$ \$ \$	TOTALS 206.25 - - - 206.25			
DIRECT COSTS (SPECIF ITEM Mileage REPRODUCTION MAIL & DELIVERY TRAVEL SUBCONSULTANTS (LIS	Y):	♥ \$ \$ \$	NIT COST 0.55 150.00 - Dir Dir Subconsu	rect	375 0 0 0	\$ \$ \$ \$ \$ \$ \$	TOTALS 206.25 - - - 206.25			

	Town of Tyrone Phase 4 Detail										
PROJECT: On-Call - Task Order #9 2024 Roadway F	Resurfacing										
Phase 4											
Construction Bid and Construction Support		-	r	r			SENIOR	1		1	
TASKS	Assumptions	No. of SHT	PRINCIPAL	PROJECT MANAGER	SENIOR ENGINEER	MID LEVEL ENGINEER	LANDSCAPE ARCHITECT	LANDSCAPE ARCHITECT	ADMINISTRATIVE	TOTAL	% OF TOTAL HOURS
Non-Drawing Tasks											
Project Management	Invoices, progress reports (assumed 1 month duration)(1 hr/each)		1	1					1	3	5.4%
External Coordination Meeting	1 internal meetings @ 1 hr per meeting			1	1	1			1	4	7.1%
Drawing Tasks											
Respond to RFIs				16	4					20	35.7%
Construction Observation/Punch List	Assumes (3) site visits and (1) final inspection			5		24				29	51.8%
											<u> </u>
											-
											-
											<u> </u>
											+
		+									+
		1									1
		-									<u> </u>
							-		-		
TOTALS		0	1	23	5	25	0	0	2	56	100.0%