

**SIGNATURE PAGE**

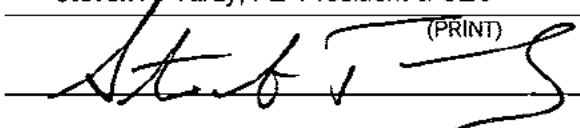
**P-37-2022**

To the Monmouth County Board of County Commissioners:

**THE UNDERSIGNED HEREBY DECLARES THAT  
I (WE) HAVE CAREFULLY EXAMINED THE SPECIFICATIONS.  
I (WE) HEREBY CERTIFY PRICES QUOTED ARE IN ACCORDANCE  
WITH YOUR REQUIREMENTS.**

Company Name: French & Parrello Associates, PA  
\_\_\_\_\_  
(PRINT)

Preparer's Name: Steven A. Tardy, PE President & CEO  
\_\_\_\_\_  
(PRINT)

Signature:  10/12/2022  
\_\_\_\_\_  
(DATE)


Address: 1800 Route 34, Suite 101  
\_\_\_\_\_  
Wall, NJ 07719  
\_\_\_\_\_

Telephone No.: 732-312-9800  
\_\_\_\_\_

Fax No.: 732-312-9801  
\_\_\_\_\_

E-Mail Address: steven.tardy@fpaengineers.com  
\_\_\_\_\_  
\*\*\***(This should be the email where Contracts would be sent)**\*\*\*

Contact Person: Steven A. Tardy, PE President & CEO  
\_\_\_\_\_

FEIN:   
\_\_\_\_\_

(Federal Employee ID)  
BRC: 0102641  
\_\_\_\_\_

(Business Registration Certificate)

(Revised 2/2017)



**DESIGN FOR THE REPLACEMENT OF BRIDGE A-38 ON COUNTY ROUTE 54 (PHALANX ROAD)  
OVER THE SWIMMING RIVER RESERVOIR**  
in the Township of Colts Neck and in the Township of Middletown



RF# #: P-37-2022

TASK	Project Consultant (PVI)	Senior Engineer (PVI)	Project Manager (PV)	Project Engineer (PE)	Senior Staff Engineer (PII)	Staff Engineer (PI)	Environmental Permit Assistant (ETI)	Professional Land Surveyor (PVI)	Project Manager Survey	Senior Drafter (ETI)	Survey Crew Chief (PII)	Survey Technician (ETI)	Administrative Services (Clerical)	TOTAL HOURS	LABOR COST BY TASK (See Note 3)
<b>A. SURVEYING ACTIVITIES</b>	0	0	0	0	0	0	0	16	16	56	56	56	0	200	\$ 22,312.80
<b>B. GEOTECHNICAL SERVICES</b>	0	4	0	0	32	40	10	0	0	0	0	0	8	94	\$ 9,120.60
<b>C. ENGINEERING DESIGN</b>															
C-1. Civil Design	12	0	34	0	109	178	0	0	0	0	0	0	0	333	\$ 35,702.10
C-2. Structural Design	7	4	30	8	164	17	0	0	0	0	0	0	0	230	\$ 26,400.60
<b>D. PERMITS</b>	0	26	1	27	0	92	0	0	0	0	0	0	8	154	\$ 16,753.50
<b>E. RIGHT-OF-WAY</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -
<b>F. UTILITIES</b>	4	0	12	24	0	52	0	0	0	0	0	0	0	92	\$ 10,594.80
<b>G. TRAFFIC MAINTENANCE</b>	4	0	8	0	8	88	0	0	0	0	0	0	0	108	\$ 11,113.20
<b>H. CONTRACT DOCUMENTS</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -
<b>I. SUBMISSIONS</b>															
I-1. Alternatives Analysis Report	2	0	12	0	36	120	0	0	0	0	0	0	0	170	\$ 17,339.40
I-2. Preliminary Plans and Engineer's Estimate (30% Plans)	1	0	10	0	32	50	0	0	0	0	0	0	0	93	\$ 9,814.50
I-3. Utility Relocation Drawings and Scope of Utility Work	6	0	10	0	0	16	0	0	0	0	0	0	0	32	\$ 4,136.40
I-4. Right of Way Parcels and Descriptions	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -
I-5. Permit Drawings and Applications	0	2	2	0	0	16	0	0	0	0	0	0	0	20	\$ 2,122.20
I-6. Interim Plans, Special Provisions & Engineer's Estimate (75% PS&E)	8	0	31	0	283	133	0	0	0	0	0	0	0	455	\$ 48,586.50
I-7. Final Draft Plans, Special Provisions, and Engineer's Estimate (95% PS&E)	7	0	36	0	75	63	0	0	0	0	0	0	0	181	\$ 20,657.70
I-8. Final Submission	2	0	7	0	4	50	0	2	0	0	0	0	13	78	\$ 7,703.10
<b>J. PROJECT CONTROL</b>	28	0	50	32	0	36	0	0	0	0	0	0	32	178	\$ 22,210.20
<b>K. CONSTRUCTION SUPPORT SERVICES</b>	12	0	32	0	104	56	0	0	0	0	0	0	0	204	\$ 23,338.80
<b>Man-hours</b>	93	36	275	97	847	1,097	10	18	16	56	56	56	61	2,622	
<b>Direct Salary Rate (See Note 1)</b>	\$67.00	\$56.00	\$57.00	\$48.00	\$39.00	\$35.00	\$33.00	\$64.00	\$57.00	\$36.00	\$44.00	\$33.00	\$22.00		
<b>Multiplier (See Note 2)</b>							2.70								
<b>TOTAL DIRECT LABOR COST</b>	\$ 16,823.70	\$ 5,443.20	\$ 42,322.50	\$ 11,793.60	\$ 89,189.10	\$ 95,161.50	\$ 891.00	\$ 3,110.40	\$ 2,462.40	\$ 5,443.20	\$ 6,652.80	\$ 4,989.60	\$ 3,623.40		\$ 247,906.40

FPA DIRECT EXPENSES	
Historic Research (see Note 6)	\$ 6,891.48
Craig Test Boring (Soil Borings & Traffic Control)	\$ 8,500.00
Aerial Mapping / Photogrammetry	\$ 13,500.00
<b>SUBTOTAL - Sub-Consultants</b>	<b>\$ 28,891.48</b>
Mileage (1,000 @ \$0.625 / mi)	\$ 625.00
Postage	\$ 1,000.00
Certified Property Owners List and NHP Request	\$ 80.00
Reproduction (Final Mylars and Submissions)	\$ 3,000.00
Deed & Maps Research (7 parcels @ \$300/ea)	\$ 2,100.00
<b>SUBTOTAL - Misc. Expenses</b>	<b>\$ 6,805.00</b>
<b>TOTAL DIRECT EXPENSES</b>	<b>\$ 35,696.48</b>

**NOTES:**

- 1) Direct Salary Rate shall not include employee benefits.
- 2) Multiplier includes overhead, profit and employee benefits. Only one multiplier shall be used for all employees.
- 3) Labor Cost By Task = (Man-hour) x (Direct Salary Rate) x (Multiplier).
- 4) Direct Expenses will be billed at invoice cost (no profit or overhead).
- 5) Overhead shall include commutation, lodging, meals and indirect expenses.
- 6) Includes Phase IA Cultural Resources Survey and Architectural Survey. Phase IB Archaeological Survey (if required) is an additional cost of \$9,035.55. Application for Project Authorization (if required) is an additional cost of \$1,763.46.
- 7) The preparation of a General Property Parcel Map (if required) is an additional \$2,600.00. The preparation of up to seven (7) Individual Property Parcel Map is an additional \$1,600.00 each.

<b>TOTAL DIRECT LABOR COST</b>	\$ 247,906.40
<b>TOTAL DIRECT EXPENSES</b>	\$ 35,696.48
<b>TOTAL PROJECT COST</b>	<b>\$ 323,604.88</b>