

11/26/24

**CONTRACT FOR PROFESSIONAL SERVICES
BETWEEN
COUNTY OF GLOUCESTER
AND
FRENCH & PARRELLO ASSOCIATES, P.A.**

THIS CONTRACT is made effective the **26th day of November, 2024**, by and between the **COUNTY OF GLOUCESTER**, a body politic and corporate of the State of New Jersey, with administrative offices at 2 South Broad Street, Woodbury, New Jersey, 08096, hereinafter referred to as "County", and **FRENCH & PARRELLO ASSOCIATES, P.A.**, with an address of 2 Riverside Drive, Suite 503, Camden, NJ 08103, hereinafter referred to as "Contractor".

RECITALS

WHEREAS, the County has a need for professional engineering services for various projects throughout the County relative to project management, construction inspection, environmental services and/or other unspecified projects, and requested proposals via RFP-24-013 to establish qualified engineering firms regarding such services; and

WHEREAS, the County requires design, construction management and inspection services in relation to the milling and overlay of Good Intent Road (C.R. 534) between the SR 55 overpass and Schaeffer Avenue in Deptford Township, known as Engineering Project #24-18; and

WHEREAS, Contractor is qualified to perform said required services, and desires to so perform pursuant to the terms and provisions of this Contact.

WHEREAS, this Contract is awarded pursuant to, and consistent with, the County's Fair and Open Procurement Process and the terms and provisions of N.J.S.A. 19:44A-20.4; and

NOW, THEREFORE, in consideration of the mutual promises, agreements, and other considerations made by and between the parties, the County and the Contractor do hereby agree as follows:

TERMS OF AGREEMENT

1. TERM. This Contract shall be effective from November 26, 2024 to completion of the Project, pursuant to N.J.S.A. 40A:11-15(9).

2. COMPENSATION. Contractor shall be compensated in a total amount of \$116,325.64, as per prices set forth in Contractor's proposal dated October 25, 2024, which is attached hereto as Exhibit A and incorporated into and made part of this Contract by reference.

Contractor shall be paid in accordance with this Contract document upon receipt of an invoice and a properly executed voucher. After approval by the County, the payment voucher shall be placed in line for prompt payment.

Each invoice shall contain an itemized, detailed description of all work performed during the billing period. Failure to provide sufficient specificity shall be cause for rejection of the invoice until the necessary details are provided.

It is also agreed and understood that the acceptance of the final payment by Contractor shall be considered a release in full of all claims against the County arising out of, or by reason of, the work done and materials furnished under this Contract.

3. DUTIES OF CONTRACTOR. The specific duties of the Contractor shall be for design, construction management and inspection services in relation to the milling and overlay of Good Intent Road (C.R. 534) between the SR 55 overpass and Schaeffer Avenue in Deptford Township, known as Engineering Project #24-18, and as set forth in Exhibit A which is incorporated herein and made a part of this Contract by reference.

4. FURTHER OBLIGATIONS OF THE PARTIES. During the performance of this Contract, the Contractor agrees as follows:

a. The Contractor will not discriminate against any employee or applicant for employment and will ensure that equal employment opportunity is afforded to such applicants in recruitment and employment, and that employees are treated during employment, without regard to their age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality, sex, veteran status or military service. Such equal employment opportunity shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the Public Agency Compliance Officer setting forth provisions of this nondiscrimination clause.

b. The Contractor will, in all solicitations or advertisements for employees placed by or on behalf of the Contractor, state that all qualified applicants will receive consideration for employment without regard to age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex.

c. The Contractor will send to each labor union, with which it has a collective bargaining agreement, a notice, to be provided by the agency contracting officer, advising the labor union of the Contractor's commitments under this chapter and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

d. The Contractor, where applicable, agrees to comply with any regulations promulgated by the Treasurer pursuant to N.J.S.A. 10:5-31 et seq., as amended and supplemented from time to time and the Americans with Disabilities Act.

e. The Contractor agrees to make good faith efforts to meet targeted County employment goals established in accordance with N.J.A.C. 17:27-5.2.

5. LICENSING. If the Contractor is required to maintain a license in order to perform the services which are the subject of this Contract, then prior to the effective date of this Contract, and as a condition precedent to its taking effect, Contractor shall provide to the County a copy of all current licenses to operate in the State of New Jersey, which license shall be in good standing and shall not be subject to any current action to revoke or suspend, and shall remain so throughout the term of this Contract.

Contractor shall notify the County immediately in the event of suspension, revocation or any change in status (or in the event of the initiation of any action to accomplish such suspension, revocation and/or change in status) of license or certification held by Contractor, or its agents and/or subcontractors.

6. TERMINATION. This Contract may be terminated as follows:

a. Pursuant to the termination provisions set forth in the Request for Proposal and/or in the Bid Specifications, if any, as the case may be, which are specifically referred to and incorporated herein by reference.

b. If Contractor is required to be licensed in order to perform the services which are the subject of this Contract, then this Contract may be terminated by County in the event that the appropriate governmental entity with jurisdiction has instituted an action to have the Contractor's license suspended, or in the event that such entity has revoked or suspended said license. Notice of termination pursuant to this subparagraph shall be effective immediately upon the giving of said notice.

c. If, through any cause, the Contractor, shall fail to fulfill in a timely and proper manner his obligations under this Contract, or if the Contractor shall violate any of the covenants, agreements, or stipulations of this Contract, the County shall thereupon have the right to terminate this Contract by giving written notice to the Contractor of such termination and specifying the effective date thereof. In such event, all finished or unfinished documents, data, studies, and reports prepared by the Contractor under this Contract, shall be forthwith delivered to the County.

d. The County may terminate this Contract for public convenience at any time by a notice in writing from the County to the Contractor. If the Contract is terminated by the County as provided herein, the Contractor will be paid for the services rendered to the time of termination.

e. Notwithstanding the above, the Contractor, shall not be relieved of liability to the County for damages sustained by the County by virtue of any breach of the Contract by the Contractor, and the County may withhold any payments to the Contractor for the purpose of set

off until such time as the exact amount of damages due the County from the Contractor is determined.

f. Termination shall not affect the validity of the indemnification provisions of this Contract, nor prevent the County from pursuing any other relief or damages to which it may be entitled, either at law or in equity.

7. NO ASSIGNMENT OR SUBCONTRACT. This Contract may not be assigned, nor subcontracted by the Contractor, except as otherwise agreed in writing by both parties. Any attempted assignment or subcontract without such written consent shall be void with respect to the County, and no obligation on the County's part to such subcontractor or assignee shall arise, unless the County shall elect to accept, and consent to, such assignment or subcontract.

8. INDEMNIFICATION. The Contractor shall be responsible for, shall keep save and hold the County harmless from, and shall indemnify the County against, any claim, loss, liability, expense (specifically including but not limited to costs, counsel fees and/or experts' fees), or damage resulting from all mental or physical injuries or disability, including death, to employees or recipients of the Contractor's services or to any other persons, or from any damage to any property sustained in connection with this contract which results from any negligent acts of any of its officers, directors, employees, agents, servants, or independent contractors, or from the Contractor's failure to provide for the safety and protection of its employees, or from Contractor's performance or failure to perform pursuant to the terms and provisions of this Contract, whether or not due to negligence, fault, or default of the Contractor. The Contractor's liability under this Contract shall continue after the termination of this Contract with respect to any liability, loss, expense or damage resulting from acts occurring prior to termination.

9. INSURANCE. Contractor shall, if applicable to the services to be provided, maintain general liability, automobile liability, business operations, builders and Workers' Compensation insurance in amounts and with companies deemed satisfactory by the County. Said policies shall be in compliance with any applicable requirements of the State of New Jersey and of the United States. Contractor shall, simultaneously with the execution of this Contract, deliver certifications of said insurance to County, naming the County as an additional insured.

If Contractor is a member of a profession which is subject to suit for professional malpractice, then Contractor shall maintain and continue in full force and effect, an insurance policy for professional liability/malpractice with limits of liability acceptable to the County. Contractor shall, simultaneously with the execution of this Contract, and as a condition precedent to its taking effect, provide to County a copy of a certificate of insurance, verifying that said insurance is and will be in effect during the term of this Contract.

The County shall review the certificate for sufficiency and compliance with this paragraph and approval of said certificate and policy shall be necessary prior to this Contract taking effect. Contractor also hereby agrees to continue said policy in force and effect for the period of the applicable statute of limitations following the termination of this Contract, and shall provide the County with copies of certificates of insurance as the certificates may be renewed during that period of time.

10. SET-OFF. Should Contractor either refuse or neglect to perform the services which Contractor is required to perform in accordance with the terms of this Contract, and if expense is incurred by County by reason of Contractor's failure to perform, then and in that event, such expenses shall be deducted from any payment due to Contractor. Exercise of such set-off shall not operate to prevent County from pursuing any other remedy to which it may be entitled.

11. PREVENTION OF PERFORMANCE BY COUNTY. In the event that the County is prevented from performing this Contract by circumstances beyond its control, then any obligations owing by the County to the Contractor shall be suspended without liability for the period during which the County is so prevented.

12. NON-WAIVER. The failure by the County to enforce any particular provision of this Contract, or to act upon a breach of this Contract by Contractor, shall not operate as or be construed as a waiver of any subsequent breach, nor a bar to any subsequent enforcement.

13. PARTIAL INVALIDITY. In the event that any provisions of this Contract shall be, or become, invalid under any law or applicable regulation, such invalidity shall not affect the validity or enforceability of any other provisions of this Contract.

14. NOTICES. Notices required by this Contract shall be effective upon mailing of notice by regular and certified mail to the addresses set forth above, or by personal service, or if such notice cannot be delivered or personally served, then by any procedure for notice pursuant to the Rules of Court of the State of New Jersey.

15. GOVERNING LAW, JURISDICTION AND VENUE. This Contract and all questions relating to its validity, interpretation, performance or enforcement shall be governed by and construed in accordance with the laws of the State of New Jersey. The parties each irrevocably agree that any dispute arising under, relating to, or in connection with, directly or indirectly, this agreement or related to any matter which is the subject of or incidental to this agreement (whether or not such claim is based upon breach of contract or tort) shall be subject to the exclusive jurisdiction and venue of the state and/or federal courts located in Gloucester County, New Jersey or the United States District Court, District of New Jersey, Camden, New Jersey. This provision is intended to be a "mandatory" forum selection clause and governed by and interpreted consistent with New Jersey law and each waives any objection based on forum non conveniens.

16. INDEPENDENT CONTRACTOR STATUS. The parties acknowledge that Contractor is an independent contractor, and is not an employee, or agent of the County.

17. BINDING EFFECT. This Contract shall be binding on the undersigned, and their successors and assigns.

18. CONTRACT PARTS. This Contract consists of this Contract document and Engineering specifications for Project #24-18 issued by the County, and the Contractor's

Proposal. Should there occur a conflict between this Contract or the specifications, and Contractor's Proposal, then this Contract, or the specifications, as the case may be, shall prevail.

THIS CONTRACT is effective as of the date first written above.

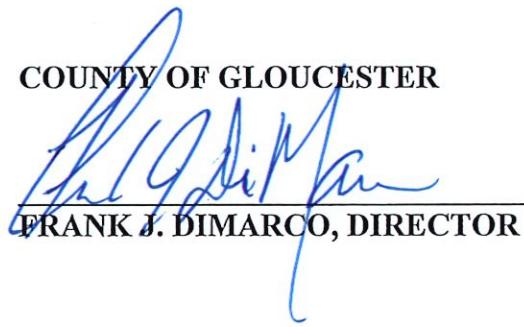
IN WITNESS WHEREOF, the County has caused this instrument to be signed by its Director and attested by its Clerk, pursuant to a Resolution of the Board of County Commissioners passed for that purpose, and Contractor has caused this instrument to be signed by its properly authorized representative and its corporate seal affixed the day and year first above written.

ATTEST:



LAURIE J. BURNS,
CLERK OF THE BOARD

COUNTY OF GLOUCESTER


FRANK J. DIMARCO, DIRECTOR

ATTEST:

FRENCH & PARRELLO ASSOCIATES


MATTHEW KEARNEY, P.E.
VICE PRESIDENT & REGIONAL MGR.



2 Riverside Drive, Suite 503
Camden, New Jersey 08103
T: 609.862.1582
F: 732.312.9801
fpaengineers.com

October 25, 2024

Sent via email

Barry Beckett, PE, County Engineer
Gloucester County Office of the County Engineer
1200 North Delsea Drive
Building A, Suite 3
Clayton, NJ 08312-1000

RE: Professional Engineering Services Proposal
Good Intent Road from SR 55 Overpass to Schaeffer Avenue
Deptford Township, Gloucester County, NJ
FPA #11835.PR2
GC 24-18

Dear Mr. Beckett

Based upon our meeting on October 21, 2024, French & Parrello Associates (FPA) has been requested by Gloucester County to perform work under the 2024 Engineering Services selection for RFP #24-013.

The project scope of work involves mill and overlay of Good Intent Road from SR 55 Overpass to the westerly pavement matchline at Hurffville Road (SR 41) and from the easterly pavement matchline at Hurffville Road (SR 41) to Schaeffer Avenue. Accordingly, traffic signal, curb and sidewalk work at the intersection of SR 41 and Good Intent Road is not within the scope of work.

We have identified the following as the key goals and objectives for this project:

- Develop an improvement plan to resurface the roadway to improve ride quality and overall pavement condition.
- Evaluate existing traffic striping and lane configurations and develop a proposed striping layout to improve safety and traffic flow.
- Replace deteriorated and/or asphalt curb and construct missing curb as may be necessary to better delineate the travel way and improve drainage.
- Upgrade/provide curb ramps for compliance with current ADA/PROWAG regulations at intersections.
- Evaluate existing signage and upgrade as necessary to comply with MUTCD retro-reflectivity standards.
- Evaluate and upgrade existing guide rail for compliance with current MASH standards.
- Evaluate and perform minor repairs to bridge superstructures (parapets and deck) as necessary.
- Evaluate existing stormwater drainage system and perform improvements as necessary.

The objective of the project will be to develop a set of construction documents for a pavement resurfacing program to improve the condition of the roadway, perform minor drainage upgrades/improvements, improve pedestrian facilities, and improve the overall condition of the roadway corridor. Since the project is being funded through NJDOT Local Aid, the documents will be prepared in a format suitable for submission to their office. The plans will utilize NJDOT standard pay items (and Gloucester County's standard pay item list order) and the specifications incorporating the latest NJDOT Local Aid standard inputs.



Scope of Services

This Scope of Services has been prepared based on our knowledge and understanding of the project and its intended goals in conjunction with the scope of work identified in our meeting with the County. After receiving written authorization to proceed, FPA will meet with the County to clarify the requirements for the project, review the design schedule, and collect any additional available information or record drawings.

The FPA Team will develop and implement a Project Management Plan (PMP) that meets the needs and special requirements of the project. The project controls plan will define the basis, methods, tools and reporting requirements needed to manage schedule and budget and will actively monitor compliance with state and federal guidelines. Reporting and invoicing will be in accordance with the terms of Gloucester County's standard contract agreement.

Project Schedule

A detailed project schedule will be prepared for this project. The schedule will be developed upon award of the project to reflect a construction NTP in Spring 2026. It will be reviewed and updated regularly during the course of the project as necessary.

Project Meetings

FPA will be responsible for coordinating all project meetings, and will prepare and distribute all meeting agendas, including handouts, if applicable, and meeting minutes. These meetings are anticipated to include the following:

- Kickoff Meeting
- Phase Review Meetings (*three (3) meetings with Gloucester County assumed*)

Design Standards

The following design standards will be utilized to complete the work for this project:

- 2018 AASHTO Policy on Geometric Design of Highways and Streets (Green Book).
- 2015 NJDOT Roadway Design Manual (incorporating all BDC's).
- 2019 NJDOT Standard Specifications for Road and Bridge Construction (with all Amendments) as modified by the NJDOT Local Aid Standard Inputs and Gloucester County Supplemental Specifications.
- Manual on Uniform Traffic Control Devices (MUTCD) – 11th Edition.
- Americans with Disabilities Act (ADA) design standards, supplemented by the PROWAG accessibility standards for public right-of-ways.
- NJDEP Stormwater Management Regulations (NJAC 7:8) and NJDOT Roadway Design Manual Chapter 10 for Drainage Design.
- Gloucester County Roadway Design Standards.

Phase 1 – Preliminary Design

Upon receipt of the written notice to proceed, FPA will schedule a project kickoff meeting with Gloucester County. Prior to the kickoff meeting, FPA will perform a detailed site investigation, such that the project team can familiarize themselves with the existing conditions at the site and preliminarily identify any features/elements that may impact the completion of the design. At the kickoff meeting, we will review the project goals and objectives, scope of work, project schedule, and all other project management requirements. The County will provide FPA with copies of all available previous studies, mapping, reports, and other background information. Discussions of proposed design criteria will also be reviewed.



Following the project kickoff, work will commence on the following task as part of the Phase 1 portion of the project:

Basemapping and Right-of-Way

The FPA team will develop a project basemap of Good Intent Road from SR 55 to Schaeffer Avenue, a total length of approximately 1.3 miles. The mapping limits will extend 50 ft from centerline on each side. The basemap will be prepared through a desktop level analysis and will provide the foundation for our design. Limited ground topographic survey will be conducted based upon the scope of work, for instance, roadway centerline will be obtained, but cross sections every 50' will not be necessary for mill and overlay. The locations of key topographic features required for the design of the project will be verified in the field.

Existing roadway drainage systems will be field measured with pipe sizes and inverts obtained.

Detailed topographic survey will be performed at all intersection corners for the preparation of detailed ADA compliant curb ramp designs.

Horizontal control will be based on the New Jersey State Plane Coordinate System in the NAD83 system. Vertical control will be based on the NAVD88 datum.

FPA will depict the existing right-of-way for the project utilizing the current Municipal tax maps NJGIN MOD-IV parcel data. Any existing easements traversing the project indicated on the tax map will be shown. Full title reports will not be obtained for any properties. Existing monumentation will be field located where visible. As no right-of-way acquisition is anticipated for this project, preparation of parcel maps and legal descriptions has been excluded from this proposal.

FPA will conduct an inventory of the existing roadway signage, striping, and pavement markings for conformance with current MUTCD regulations. All substandard signage will be identified for replacement on the construction drawings.

Mapping and surfaces will be provided in AutoCAD Civil3D format. The basemap will follow NJDOT legend, symbols, and linetypes. Mapping will be prepared at 1"=30' scale. Existing roadway profiles will be plotted from the obtained topographic data. Cross sections will not be prepared.

Roadway/Pavement

FPA will perform a detailed site inspection to visually evaluate the condition of the existing curb, curb ramps, pavement, signage and striping, guiderail, and roadway drainage. We will use this information to formulate a preliminary improvement plan for the corridor to be presented to the County.

We will review any known drainage problems along with the roadway with the County. We will also perform a site visit on a rainy day to evaluate runoff patterns and identify any areas of ponding/puddles that can be corrected through the resurfacing. Based on the scope of the project it is not anticipated that the project will require compliance with the NJDEP Stormwater Management regulations, therefore design of stormwater management basins or other treatment facilities, or performance of soils testing for stormwater management design, is excluded from this proposal.

Recent road work performed by the County has determined that the recommended pavement design will be



milling, 3" or less with a 2" overlay. Accordingly, pavement cores and pavement design recommendations will not be included in the scope of services.

We will develop a preliminary construction plan showing the recommended improvements. These recommendations shown on this plan will be reviewed with the County and a consensus reached on the improvements to be included in the project prior to advancing the design documents.

Phase 1 Deliverables

The following items will be completed as part of the Pre-Phase 1 submission:

1. Preliminary Construction Plans (1"=30' scale) and Profiles/Base Plans.
2. Listing of potential problem areas with recommended solutions.
3. Engineer's opinion of probable cost (FPA will utilize the NJDOT concept development estimating procedures to develop this estimate).
4. Two (2) sets of plans for distribution.
5. Preliminary Typical Sections.
6. Preliminary Traffic Control plans (NJDOT standard traffic control details to be utilized)
7. Preliminary Drainage Report (anticipated to be limited to roadway drainage improvements only)

Upon completion, FPA will prepare a submission package to the County containing the above items. Following the County's review, FPA will attend a meeting with the County to discuss the review comments and finalize the documents prior to advancing to the next Phase.

Phase 2 – Final Design (50% complete)

Upon approval of the Phase 1 documents by the County, FPA will advance the design documents to a 50% complete status. This phase will also include preparation of the permitting documents.

Geometric Design

The existing horizontal geometry of the roadway is generally flat and the horizontal geometry is generally straight with a one horizontal curve located within the project limits. It is not anticipated that any major changes to the horizontal or vertical geometry will occur as part of this project. The existing roadway profile will be evaluated for compliance with NJDOT minimum grades. Minor profile modifications can be made via the overlay to provide minimum grades and direct runoff to inlets.

Existing cross sections for the roadway will be plotted to identify the existing roadway cross slopes and identify a consistent proposed cross slope for the roadway. The sections will be plotted for discussion purposes only and not included as part of the bid plans.

Preliminary design of pedestrian improvements will be incorporated during this phase. Locations for proposed curb ramps and crosswalk improvements will be identified. Layouts will be specifically developed for each corner with details for each ramp showing land areas locations, layouts, dimensions, and maximum allowable grades. Proposed spot elevations will not be included.

Preliminary design plans will be developed for the improvements based upon the approved concept plan. The plans will be prepared in accordance with the NJDOT Sample Plan format and in accordance with Gloucester



County plan requirements. Plans will be prepared at 1"=30' scale unless otherwise directed by the County. Roadway profiles will be prepared at 1"=30' horizontal and 1"=3' vertical scale.

Utilities

Since it is not anticipated that significant horizontal or vertical changes to the roadway will occur, relocation of utilities is not anticipated. However, if profile adjustments are proposed, resetting of manholes or water/gas valve boxes, will be required. Any utility facilities requiring resetting will be noted on the construction plans.

A copy of the construction plans will be forwarded to each of the utility companies during this phase to advise them of the proposed resets. It is anticipated that resetting of manhole castings (other than telephone), along with resetting of water and gas valve boxes, will be completed by the Contractor.

Soil Erosion Permitting

It is not anticipated that a Soil Conservation District permit will be required due to limited disturbance on this project.

Phase 2 Deliverables

The following items will be completed as part of the Phase 1 submission:

1. Maintenance and Protection of Traffic Plans (NJDOT standard details)
2. Existing drainage plotted on the plan
3. Traffic Signing and Striping Plans (1"=30' scale)
4. Utility Tracking List
5. Engineer's Estimate of probably cost to nearest \$10,000
6. Construction Details Sheets
7. Two (2) sets of plans for distribution and review

Upon completion, FPA will prepare a submission package to the County containing the above items. Following the County's review, FPA will attend a meeting with the County to discuss the review comments and finalize the documents prior to advancing to the next Phase.

Phase 3 – Final Design (90% complete)

Upon approval of the Phase 2 documents by the County, FPA will advance the design documents to a 90% complete status.

Phase 3 Deliverables

The following items will be completed as part of the Phase 3 submission:

1. Title Sheet (in Gloucester County format)
2. Estimate and Distribution of Quantities Sheet
3. Typical Section Sheet (1"=5' scale)
4. Construction Plan/Profile & Utility Plans (1"=30' scale)
5. Ties (1"=50' scale) (provide northing & easting information for baseline begin/end points, PC's and PT's and baseline geometry)
6. Curb ramp details (1"=10' scale) (depicting layout information, landing areas, maximum grades, and limits of work only. No spot grades will be provided)
7. Maintenance and Protection of Traffic Plans



8. Construction Details Sheets
9. Supplemental Specifications (based on the 2019 NJDOT Standard Specifications with all addenda, supplements, and Local Aid Standard Inputs (SI's) in Gloucester County format).
10. Engineer's Estimate (based on calculated quantities and most recent bid information).
11. All Design Calculations (quantities, geometry, drainage, etc.) in a bound document.
12. Phase 2 comment resolution.
13. Two (2) sets of plans for distribution.

Upon completion, FPA will prepare a submission package to the County containing the above items. Following the County's review, FPA will attend a meeting with the County to discuss the review comments and finalize the documents prior to advancing to the next Phase.

Phase 4 – Completed Construction Plans

Upon approval of the Phase 3 documents by the County, FPA will complete the final construction documents for bidding.

Phase 4 Deliverables

The following items will be completed as part of the Phase 3 submission:

1. Final mylars with all required signatures.
2. Two (2) bound copies of the final quantity calculations signed and sealed by a NJ licensed professional engineer.
3. Construction bar chart.
4. Final Engineer's Estimate (signed and sealed).
5. Phase 3 comment resolution.
6. Digital copy of all plans in AutoCAD 2025 or current format.

Should you have any questions or require additional information, please contact me at (609) 862-1582 or via email.

Very truly yours,
FRENCH & PARRELLO ASSOCIATES

A handwritten signature in black ink, appearing to read 'Sara Irick'.

Sara Irick, PE, PMP, CME, TDM-CP
Senior Project Manager
sara.irick@FPAengineers.com



COST PROPOSAL
24-18
GOOD INTENT ROAD FROM SR 55 OVERPASS TO SCHAEFFER AVENUE
IN DEPTFORD TOWNSHIP, GLOUCESTER COUNTY, NEW JERSEY



TASK	Principal (P IX)	Sr. Project Manager (P VIII)	Project Engineer (P VI)	Staff Engineer- Land Surveyor (P II)	Professional Land Surveyor (P VI)	Party/Chief (ETIV)	Drafter (ETII)	Rodman (ETII)	Admin Services	TOTAL HOURS	COST BY "TASK"
Task A: Project Management & Meetings	2	48	24	0	0	0	0	0	8	82	\$ 14,854.84
Task B: Basemapping and Right-of-Way	2	8	10	16	10	80	40	40	4	210	\$ 26,117.52
Task C: Phase 1 - Data Collection & Analysis (10%)	2	16	24	24	0	0	0	0	8	74	\$ 10,187.32
Task D: Phase 2 - Preliminary Design (50%)	2	16	40	120	0	0	0	0	8	186	\$ 22,084.92
Task E: Phase 3 - Final Design (30%)	2	16	40	130	0	0	0	0	8	196	\$ 23,114.52
Task F: Phase 4 - Final Deliverables (100%)	2	16	40	80	0	0	0	0	8	146	\$ 17,986.52
TOTAL MAN-HOURS	12	120	173	370	10	80	40	40	44	894	
AVERAGE DIRECT LABOR HOURS RATE	\$85.00	\$78.00	\$44.00	\$36.00	\$95.00	\$42.00	\$35.00	\$28.00	\$28.00		
OVERHEAD & PROFIT RATE						2.96					
TOTAL DIRECT LABOR COST	\$ 2,917.20	\$ 26,769.60	\$ 22,399.52	\$ 38,095.20	\$ 2,431.00	\$ 10,982.40	\$ 4,004.00	\$ 3,203.20	\$ 3,523.52	\$ 114,325.64	
DIRECT EXPENSES											
Mileage	\$ 200.00										
Drafting	\$ 1,800.00										
TOTAL DIRECT EXPENSES											
TOTAL COST											
TOTAL DIRECT EXPENSES	\$ 2,000.00										
TOTAL DIRECT LABOR COST						\$ 114,325.64					
TOTAL DIRECT EXPENSES							\$ 2,000.00				
TOTAL COST								\$ 116,325.64			