

AGREEMENT

PINELLAS COUNTY GOVERNMENT IS COMMITTED TO PROGRESSIVE PUBLIC POLICY, SUPERIOR PUBLIC SERVICE, COURTEOUS PUBLIC CONTACT, JUDICIOUS EXERCISE OF AUTHORITY AND SOUND MANAGEMENT OF PUBLIC RESOURCES, TO MEET THE NEEDS AND CONCERNS OF OUR CITIZENS TODAY AND TOMORROW.



NON-CONTINUING PROFESSIONAL SERVICES AGREEMENT

RFP TITLE: 62nd Avenue N Roadway Improvements - from West of 49th Street N to US 19 N/34th Street N -
Professional Engineering Services

RFP CONTRACT NO. 24-0902-RFP-CCNA

COUNTY PID NO. 000097A

CONTINUING FIRM: Johnson, Mirmiran, & Thompson, Inc.

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SECTION 1 - INTENT OF AGREEMENT

AGREEMENT FOR PROFESSIONAL ENGINEERING SERVICES FOR PUBLIC WORKS DEPARTMENT

This Agreement entered into on the **Click or tap to enter a date.** between Pinellas County, a political subdivision of the state of Florida, hereinafter referred to as the County, represented by its board of County commissioners, and **Johnson, Mirmiran, & Thompson, Inc.**, with offices in **Tampa, FL**, hereinafter referred to as the consultant.

WITNESSETH, that:

WHEREAS, Pinellas County, herein referred to as the County, requires professional engineering services services associated with support to develop plans and specifications and perform all other professional engineering services as may be required during the construction of 62nd Avenue N Roadway Improvements - from West of 49th Street N to US 19 N/34th Street N, Pinellas County, Florida

WHEREAS, the County desires the Consultant provide professional engineering services requisite to the development of the project; and

WHEREAS, the consultant has expressed the willingness and ability to provide the aforementioned Services; and

NOW THEREFORE, the County and the consultant, in consideration of the mutual covenants hereinafter set forth, agree as follows:

AGREEMENT**SECTION 2 - SCOPE OF PROJECT****1. PROJECT DESCRIPTION AND PROFESSIONAL REQUIREMENTS**

For the purposes of this Agreement the term project shall include all areas of proposed improvements, all areas that may reasonably be judged to have an impact on the project, and all project development phases and the services and activities attendant thereto. It is not the intent of this Agreement to identify the exact limits or details involved in providing satisfactorily completed project construction documents. The Consultant shall provide the following professional services to prepare construction plans, specifications, and complete applications for and receive all federal, state, and local permits required for construction of the project. The project design shall be based on the following data: Exhibit A - Scope of Services attached and incorporated herein as referenced.

All required permits shall be obtained by the engineering consultant. Plans shall be prepared in accordance with Civil 3D Pinellas County Requirements.

Required Deliverables

- Civil 3D file (eTransmit) of construction plans and for each transmittal phase. The plans shall be provided electronically, plus 2 paper prints signed and sealed by a Professional Engineer certified in the State of Florida.
- All technical specifications required for construction of project.

2. PROJECT PHASES

All project phases shall be completed on or before the milestone dates provided in the County approved project design schedule referenced in Exhibit A.

3. CONSULTING RESPONSIBILITIES

- A. It is the intention of the County that the consultant is held accountable for its work, including checking and plans review, and that submittals are complete.
- B. The consultant shall be responsible for the accuracy of the work and shall promptly correct its errors and omissions without additional compensation. Acceptance of the work by the County will not relieve the consultant of the responsibility for subsequent correction of any errors and the clarification of any ambiguities.
- C. The consultant represents that it has secured or will secure all personnel necessary to complete this Agreement; none of whom shall be employees of or have any contractual relationship with the County. Primary liaison with the County will be through the consultant's project manager. All of the services required herein will be performed by the consultant or under the consultant's supervision, and all personnel engaged in the work shall be fully qualified and shall be authorized or permitted under law to perform such services.
- D. The Consultant shall endorse all reports, calculations, contract plans, and survey data. Services shall be prepared under the direction of an engineer registered in the State of Florida and qualified in the required discipline. Products or services performed or checked shall be signed and sealed by the Consultant's Florida registered engineer.
- E. The consultant shall be responsible for the preparation of a project design schedule, which shows a breakdown of all tasks to be performed, and their relationship in achieving the completion of each phase of work. A bar chart schedule showing overall project time frames should also be prepared. These schedules must be submitted for County approval within 10 days of the initial project notice to proceed. These schedules will be used to verify consultant performance in relationship to fees claimed and to allow the County's project manager to monitor the consultant's efforts. The consultant shall be responsible for any updates to these schedules and for documenting in writing to the County any major deviations in the actual versus estimated project time frames.
- F. The consultant shall respond, in writing, to all review comments made by the County, within 10 days of their receipt, and shall incorporate appropriate design adjustments resulting from the review exchange into the project, in the next scheduled submittal.

4. GENERAL DESIGN CONDITIONS

1. The Consultant shall coordinate and solicit appropriate input, with the knowledge of the County.

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2. All design data, plans, and drawings shall be delivered electronically and or on travel drives formatted to .DXF or .DWG utilizing Civil 3D 2012 or later; as well as providing reproducible hard copies of plans and drawings. All specification and other documents shall be delivered electronically and or on two travel drives, Microsoft Word & Excel format as required, as well as the reproducible hard copies.
3. One 1 original and 9 copies of all deliverables are required unless specific submittal requirements are specified elsewhere in this Agreement.
4. The Consultant shall develop acceptable alternates to any and all design recommendations that may be declared unacceptable.

5. GOVERNING SPECIFICATIONS REGULATIONS AND PERTINENT DOCUMENTS

1. The project shall be designed by the Consultant in accordance with applicable industry standards. The Consultant shall be responsible for utilizing and maintaining current knowledge of any laws, ordinances, codes, rules, regulations, standards, guidelines, special conditions, specifications, or other mandates relevant to the project or the services to be performed.
2. The Contractor and their Subcontractor(s) must register with and use the E-verify system in accordance with Florida Statute 448.095. The County will verify the work authorization of the Contractor and Subcontractor. A Contractor and Subcontractor may not enter into a contract with the County unless each party registers with and uses the E-verify system.

If a Contractor enters a contract with a Subcontractor, the Subcontractor must provide the Contractor with an affidavit stating that the Subcontractor does not employ, contract with, or subcontract with unauthorized aliens. The Contractor must maintain a copy of the affidavit for the duration of the contract.

If the County, Contractor, or Subcontractor has a good faith belief that a person or entity with which it is contracting has knowingly violated Florida Statute 448.09(1) they shall immediately terminate the contract with the person or entity.

If the County has a good faith belief that a Subcontractor knowingly violated this provision, but the Contractor otherwise complied with this provision, the County will notify the Contractor and order that the Contractor immediately terminate the contract with the Subcontractor.

A contract terminated under the provisions of this section is not a breach of contract and may not be considered such. Any contract termination under the provisions of this section may be challenged to Section 448.095(2)(d), Florida Statute. Contractor acknowledges upon termination of this agreement by the County for violation of this section by Contractor, Contractor may not be awarded a public contract for at least 1 year. Contractor acknowledges that Contractor is liable for any additional costs incurred by the County as a result of termination of any contract for a violation of this section.

Contractor or Subcontractor shall insert in any subcontracts the clauses set forth in this section, requiring the subcontracts to include these clauses in any lower tier subcontracts. Contractor shall be responsible for compliance by any Subcontractor or Lower Tier Subcontractor with the clause set for in this section.

3. Supplier acknowledges and warrants that all digital content and services provided under this contract conforms and shall continue to conform during the Term of this Agreement to the W3C Web Content Accessibility Guidelines, version 2.0 ("WCAG 2.0") at conformance Level A and AA. If all digital content and services does not fully conform to WCAG 2.0 A and AA, Supplier shall advise Pinellas County in writing of the nonconformance prior to execution of this Agreement and shall provide Pinellas County a plan to achieve conformance to WCAG 2.0 A and AA, including but not limited to, an intended timeline for conformance. Failure to achieve conformance, as determined in Pinellas County's sole discretion, on its intended timeline shall be considered a material breach of this Agreement and grounds for termination by Pinellas County.

If during the Term of this Agreement, Supplier fails to maintain compliance with WCAG 2.0 A and AA or Pinellas County otherwise identifies an issue related to accessibility of the product (the "Accessibility Issue") that renders the product inaccessible, then Pinellas County shall notify Supplier of non-compliance. Within 30 days of Supplier's receipt of a non-compliance notice ("Notice"), Supplier and Pinellas County shall meet and mutually agree upon an appropriate timeline for resolution of the Accessibility Issue(s) ("Initial Meeting").

Should Supplier:

- i. fail to acknowledge receipt of the notice within 30 days of receipt of the Notice;

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- ii. unreasonably and solely withhold agreement regarding a timeline for resolution for more than 30 days following the Initial Meeting; or
- iii. fail to materially resolve the Accessibility Issue(s) within the agreed-upon timeline,

Failure to comply with the requirements of this section shall constitute a material breach of this Agreement and shall be grounds for termination of this Agreement by Pinellas County and subject Supplier to section 15 of this Agreement, "Indemnification."

SECTION 3 - SERVICES TO BE FURNISHED BY THE CONSULTANT**1. SERVICES**

- A. SEE EXHIBIT A – SCOPE OF SERVICES.

2. BIDDING PHASE

The Consultant shall prepare with the county's assistance the necessary bidding information, bidding forms, the conditions of the Contract, and the form of Agreement between the county and the contractor. The Consultant also, shall bear the cost of 2 complete sets of documents (plans and specifications), 2 of which shall be signed and sealed by the consultant as original record sets for the project. Each sheet in the 2 construction plans print sets shall be signed, sealed and dated. The title sheet only of the 2 specifications sets shall be signed, sealed, and dated. Additionally, any required addenda shall be signed, sealed, and dated.

- 1. The Consultant, following the county's review of the construction documents and of the latest statement of probable construction cost, shall be available to assist the county in obtaining bids, and in preparing and awarding construction contracts for each bid package. The Consultant shall assist conducting pre-bid conferences and shall prepare a bid tabulation spreadsheet following receipt of bids.
- 2. If the advertisement for bids has not commenced within 60 days after the consultant submits the approved construction documents to the county, any fixed limit of construction cost established as a condition of this agreement shall be adjusted to reflect any change in the general level of prices which may have occurred during that period of time in construction industry. The adjustment shall reflect changes between the date of submission of the construction documents to the county and the date on which the advertisement for bids occurred.
- 3. The Consultant shall prepare any required addenda to construction plans and specifications on the project during the bidding phase affecting the consultant's plans and specifications. The Consultant shall also provide any addenda during the construction phase in sufficient quantity to distribute to all necessary parties as determined by the county. Addenda material shall be placed in envelopes by the consultant for mailing by the county. The consultant shall also furnish certified mail receipt material and prepare mailing labels. The county shall mail all addenda.

3. CONSTRUCTION PHASE

All contact and/or communication from the Consultant to the Contractor shall be coordinated with the knowledge of the County.

- A. Construction Consultation Services

- 1. Processing, review, approval and distribution of shop drawings, product data, samples and other submittals required by the Contract Documents.
- 2. Maintenance of master file of submittals with duplicate for County.
- 3. Construction Field Observation Services consisting of visits to the site as frequent as necessary, but not less than once every week, to become generally familiar with the progress and quality of the work and to determine in general if the work is proceeding in accordance with the Contract Documents and prepare related reports and communications. Provide written report of each visit. This field observation requirement shall include any sub-consultants at appropriate construction points.
- 4. Review for comment or approval any and all proposal requests, supplemental drawings and information and change orders.
- 5. Review for correctness Contractors pay requests for the County.

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6. Prepare, reproduce and distribute supplemental drawings, specifications and interpretations in response to requests for clarification by the Contractor or the County as required by construction exigencies. Response to any request must be received by the County within 24 hours of request, or the next available working day when the request is prior to a weekend or holiday.
7. Review, upon notice by the Contractor that work is ready for final inspection and acceptance.
8. Notify the County of any deficiencies found in follow-up reviews.
9. Evaluate all testing results and make recommendations to the County.
10. Assist in the establishment by the County of programs of operation and maintenance of the physical plant and equipment.
11. Arrange for and coordinate instructions on operations and maintenance of equipment in conjunction with manufacturer's representatives.
12. Prepare an operation and maintenance manual for the County's use.
13. The Consultant shall visit the project as necessary, but at a minimum of 3 month, 6 month and upon construction completion in order to certify that the permit conditions have been met satisfactorily. This shall not relieve the Consultant of other needed visits to the project should specific issues arise.
14. Assistance in the training of the facility operation and maintenance personnel in proper operations, schedules, procedures and maintenance inventory.
15. Prepare as-built record drawings, based on information furnished by the Contractors including significant changes in the work made during construction. The Consultant will provide 1 set of signed and sealed prints and 1 CADD disk of the as-built record construction documents.
16. Transmit certified as-built record drawings and general data, appropriately identified, to the County within 30 days following completion of construction.
17. Consult with, and recommend solutions to, the County during the duration of warranties in connection with inadequate performance of materials, systems, and equipment under warranty.
18. Review facilities or equipment prior to expiration of warranty period(s) to ascertain adequacy of performance, materials, systems and equipment.
19. Document noted defects or deficiencies and assist the County in preparing instructions to the Contractor for correction of noted defects.
20. The Contractor shall provide the Consultant with all the required projects close out material for Consultant's use in the warranty period services.
21. The Contractor shall have prime responsibility in the warranty period for all services herein. The Consultant shall assist, consult, observe review and document as noted.

4. PROVISIONS RELATED TO ALL PHASES

1. The Consultant will investigate and confirm in writing to the County, to the best of the Consultant's knowledge, conformance with all applicable local public and utility regulations.
2. The Consultant will coordinate work designed by various disciplines.
3. The Consultant shall submit to the County design notes and computations to document the design conclusions reached during the development of the construction plans.
 - a. 5 copies of the design notes and computations shall be submitted to the County with the design development review plans. When the plans are submitted for final review, the design notes and computations corrected for any County comments shall be resubmitted. At the project completion, a final set of the design notes and computations, properly endorsed by the Consultant, shall be submitted with the record set of plans and tracings.
 - b. The design notes and calculations shall include, but not be limited to, the following data:
 - 1) Design criteria used for the project.
 - 2) Roadway geometric calculations

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- 3) Structural calculations.
 - 4) Drainage calculations.
 - 5) Traffic design calculations
 - 6) Traffic control calculations
 - 7) Calculations as required by provisions of the Florida Energy Conservation Manual (Department of General Services), latest revision.
 - 8) Calculations showing probable cost comparisons of various alternatives considered.
 - 9) Documentation of decisions reached resulting from meetings, telephone conversations or site visits.
 - 10) Other project-related correspondences as appropriate.
4. Each set of plans for the project shall be accurate, legible, complete in design, suitable for bidding purposes and drawn to scales acceptable to the County. The completed plans shall be furnished on reproducible material and in a format, which is acceptable to the County.
 5. The Consultant shall make such reviews, visits, attend such meetings and conferences and make such contacts as are necessary for the proper preparation of plans and specifications for the project.
 6. The County in no way obligates itself to check the Consultant's work and further is not responsible for maintaining project schedules.
 7. Other Consultant responsibilities shall be as listed below:
 - a. Provide necessary sealed drawings to obtain building permits or any utility permit.
 - b. Assist the County in Contractor claims and/or litigation.
 - c. Review the Adequacy and completeness of documents submitted by the Contractor to protect the County against claims by suppliers or third parties.
 8. The Consultant must be familiar with the intent, thoroughness, safety factors and design assumptions of all structural calculations.
 9. All work prepared and/or submitted shall be reviewed and checked by a Consultant (Architect/Engineer) registered in Florida. All plans shall be signed and sealed by the Professional Consultant in responsible charge.
5. **PERMIT APPLICATIONS AND APPROVALS**
1. The Consultant shall prepare all permit applications, data and drawings required for submittal by the County for approval of local, state and federal agencies.
 2. The Consultant shall, at no additional cost to the County, make all reasonable and necessary construction plans revisions required to obtain the necessary permit approvals for construction of the project.
 3. For the purpose of ensuring the timely approval of all permits necessary for the construction of the project, the Consultant shall schedule the necessary contacts and liaison with all agencies having permit jurisdiction over the project, and shall furnish, on a timely basis, such plans, data and information as may be necessary to secure approval of the required permits.
6. **COORDINATION WITH UTILITY SERVICES AND AFFECTED PUBLIC AGENCIES**
1. The requirements of the various utility services shall be recognized and properly coordinated with the project design.
 2. Drainage investigations and drainage design shall be coordinated with any city or drainage district that may be affected by or have an effect on the project

SECTION 4 - SERVICES TO BE FURNISHED BY THE COUNTY

The County shall provide the following for the Consultant's use and guidance:

- A. Copies of existing maps, existing aerial photographs, as-built construction plans and data pertinent to the project design, which the County may have in its possession.

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- B. Reproducibles of the County Engineering Department Standard Drawings applicable to the project.
- C. Sample copies of the County standard contract documents and specifications.
- D. Preparation of legal (front-end) section of the specifications.

SECTION 5 - PRESENTATIONS, PUBLIC MEETINGS AND TECHNICAL LIAISON

The following services shall be provided at no additional cost to the County:

- 1. Prior to the commencement of design activities, the County will conduct with the Consultant a pre-design conference for the purpose of discussing issues relative to the project, plans preparation and submittal procedures and to convey to the Consultant such items provided for under Section 4 as may be required and available at that time.
- 2. The Consultant shall make presentations to the County's Director of Public Works or designee as often as reasonably requested and at any point in the project development should issues arise which make additional presentations other than those listed elsewhere in this Agreement, in the County's best interest.
- 3. The Consultant shall participate in Monthly project Conferences with County staff personnel. The meetings will be scheduled by the County at a location provided by the County.
- 4. The Consultant shall attend, as technical advisor to the County all meetings or hearings conducted by permitting agencies or public bodies in connection with any permit required for the construction of the project, and shall prepare all presentation aids, documents and data required in connection with such meetings or hearings, and at the discretion of the County, shall either plead the County's case or provide engineering and technical assistance to the County in its pleading of the case.
- 5. The Consultant shall keep accurate minutes of all meetings and distribute copies to all attending. These meetings shall be set up through the County and appropriate County staff shall attend.

SECTION 6 - PAYMENT GUIDELINES AND CATEGORY OF SERVICES**1. BASIC SERVICES**

The services described and provided for under Sections 2, 3 and Exhibit A shall constitute the Basic Services to be performed by the Consultant under this Agreement.

2. OPTIONAL SERVICES

Services noted in Exhibit A of this Agreement as "Optional" shall constitute the Optional Services to be performed by the Consultant under this Agreement. Optional Services shall be rendered by the Consultant only upon written authorization by the County's Director of the Public Works, or designee.

3. CONTINGENCY SERVICES

When authorized in writing by the County's Director of Public Works or designee, the Consultant shall furnish services resulting from unforeseen circumstances not anticipated under Basic Services due to minor changes in the project scope.

Compensation for any Contingency Services assignments shall be negotiated between the County and the Consultant at the time the need for services becomes known.

4. ADDITIONAL SERVICES

When executed by the County Administrator or Board of County Commissioners as an amendment to this Agreement, the Consultant shall provide such additional services as may become necessary because of changes in the Scope of project. Additional Services shall be classified as any change beyond the Contingency Services upset limit for compensation.

5. INVOICING

The Consultant may submit invoices for fees earned on a monthly basis. Such invoicing shall be supported by a Progress Report showing the actual tasks performed and their relationship to the percentage of fee claimed for each phase. Billings within each phase of work shall be for the percentage of work effort completed to date for that phase.

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The County shall make payments to the Consultant for work performed in accordance with the Local Government Prompt Payment Act, Section 218.70 et. seq., F.S.

The following services shall be considered reimbursable services and may be filled in full upon their completion and acceptance. The Consultant shall provide copies of supporting receipts/invoices/billing documentation. Self-performed reimbursable work shall be reimbursed at the firm's standard hourly rates for all related services. A breakdown of man hours and billing rates shall be provided with each invoice. An hourly rate sheet is attached (Exhibit B).

- A. Soil Analysis/Geotechnical Investigations.
- B. Contamination Assessments/Hazardous Material Analysis (if required).
- C. Aerial Photography (if required).
- D. Payment of Permit Fees (if required).
- E. Payment of the Public Information Meeting Advertisements, if required.
- F. Payment of the Court Reporter for public meetings, if required.
- G. Printing and Binding Services.

Should an invoiced amount for fees earned appear to exceed the work effort believed to be completed, the County may, prior to processing of the invoice for payment, require the Consultant to submit satisfactory evidence to support the invoice.

All progress reports shall be mailed to the attention of the designated Project Manager, John Carpenter.

SUPPLIER shall submit invoices for payment due as provided herein with such documentation as required by Pinellas County and all payments shall be made in accordance with the requirements of Section 218.70 et. seq, Florida Statutes, "The Local Government Prompt Payment Act." Invoices shall be submitted to the address below unless instructed otherwise on the purchase order, or if no purchase order, by the ordering department:

Finance Division Accounts Payable
Pinellas County Board of County Commissioners
P. O. Box 2438
Clearwater, FL 33757

Each invoice shall include, at a minimum, the Supplier's name, contact information and the standard purchase order number. The County may dispute any payments invoiced by SUPPLIER in accordance with the County's Dispute Resolution Process for Invoiced Payments, established in accordance with Section 218.76, Florida Statutes, and any such disputes shall be resolved in accordance with the County's Dispute Resolution Process.

Fees for contingent or additional services authorized shall be invoiced separately, and shall be due and payable in full upon the presentation of satisfactory evidence that the corresponding services have been performed.

SECTION 7 - COMPENSATION TO THE CONSULTANT

1. For the basic services provided for in this Agreement, as defined in Section 3.1, the County agrees to pay the Consultant as follows:

A Lump Sum Fee of: \$47,197.62 for the Task 1 - GENERAL TASKS Phase of the project.

A Lump Sum Fee of: \$299,596.67 for the Task 2 - ROADWAY ANALYSIS Phase of the project.

A Lump Sum Fee of: \$129,497.07 for the Task 3 - ROADWAY PLANS Phase of the project.

A Lump Sum Fee of: \$294,281.59 for the Task 4 - DRAINAGE ANALYSIS Phase of the project.

A Lump Sum Fee of: \$ 67,683.60 for the Task 5 - DRAINAGE PLANS Phase of the project

A Lump Sum Fee of: \$ 55,032.29 for the Task 6 - PERMITTING Phase of the project

A Lump Sum Fee of: \$ 39,077.16 for the Task 7 - ENVIRONMENTAL ANALYSIS & DOCUMENTS Phase of the project

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A Lump Sum Fee of: \$ 30,375.00 for the Task 8 - TREE INVENTORY, CONDITION, RISK, & IMPACT ASSESSMENT Phase of the project

A Lump Sum Fee of: \$ 30,900.73 for the Task 9 - STRUCTURES Phase of the project

A Lump Sum Fee of: \$ 54,190.69 for the Task 10 - SIGNING & PAVEMENT MARKING ANALYSIS Phase of the project

A Lump Sum Fee of: \$ 14,062.97 for the Task 11 - SIGNING & PAVEMENT MARKING PLANS Phase of the project

A Lump Sum Fee of: \$ 37,524.56 for the Task 12 - SIGNALIZATION ANALYSIS Phase of the project

A Lump Sum Fee of: \$ 9,182.80 for the Task 13 - SIGNALIZATION PLANS Phase of the project

A Lump Sum Fee of: \$ 46,943.39 for the Task 14 - INTERSECTION LIGHTING ANALYSIS Phase of the project

A Lump Sum Fee of: \$125,309.16 for the Task 15 - GEOTECHNICAL Phase of the project

A Lump Sum Fee of: \$ 37,947.55 for the Task 16 - CONTAMINATION Phase of the project

A Lump Sum Fee of: \$ 41,083.30 for the Task 17 - PUBLIC OUTREACH Phase of the project

A Lump Sum Fee of: \$ 73,600.93 for the Task 18 - POST DESIGN SERVICES Phase of the project

The above fees shall constitute the total not to exceed amount of **(\$1,433,487.08)** to the Consultant for the performance of Basic Services. All man hours are billed per the established and agreed hourly rates. The hourly rates are fully loaded and include all labor, overhead, expenses and profit of any nature including travel within the Tampa Bay Metropolitan Statistical area. Travel outside of the Tampa Bay Metropolitan Statistical Area will be reimbursed in accordance with Section 112.061 F.S. and/or the County Travel Policy, as approved by the County.

2. For the REIMBURSEABLE EXPENSES provided for in the Agreement, as defined in Exhibit A, the County agrees to pay the Consultant as follows:

A Lump Sum Fee of: **(\$2,840.84)**

3. For any CONTINGENCY SERVICES performed, the County agrees to pay the Consultant, a negotiated fee based on the assignment, up to a maximum amount not to exceed **(\$143,348.71)** for all assignments performed.
4. Total agreement not-to-exceed amount **(\$1,579,676.63)**.
5. For any ADDITIONAL SERVICES, the County agrees to pay the Consultant a negotiated total fee based on the work to be performed as detailed by a written amendment to this Agreement.
6. In the event that this Agreement is terminated under the provisions of this contract the total and complete compensation due the Consultant shall be as established by the County based on the County's determination of the percentage of work effort completed to date of termination.

SECTION 8 - PERFORMANCE SCHEDULE

Time is of the essence in this Agreement. The Consultant shall plan and execute the performance of all services provided for in this Agreement in such manner as to ensure their proper and timely completion in accordance with the following schedule:

1. The services to be rendered by the Consultant shall be commenced upon receipt from the County of written "NOTICE TO PROCEED."
2. All project phases shall be completed on or before the milestone dates provided in the County approved project design schedule referenced in 2.3 E.
3. The Consultant shall not be held responsible for delays in the completion of the project design when the County causes such delays. The County reviews related to the above submittals shall not exceed 21 days.

SECTION 9 - AUTHORIZATION FOR CONTINGENT OR ADDITIONAL SERVICES

1. The contingency services provided for under this Agreement shall be performed only upon prior written authorization from the Director of Public Works or designee.

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2. The additional services provided for under this Agreement shall be performed only upon approval of the County Administrator or Board of County Commissioners.
3. The Consultant shall perform no services contemplated to merit compensation beyond that provided for in this Agreement unless such services, and compensation, therefore, shall be provided for by appropriate written authorization or amendment(s) to this Agreement.

SECTION 10 - FIRMS AND INDIVIDUALS PROVIDING SUBCONSULTING SERVICES

The County reserves the right to review the qualifications of any and all subconsultants, and to reject any subconsultant in a proper and timely manner, deemed not qualified to perform the services for which it shall have been engaged. Any subconsultant not listed as part of the prime consultant's team at time of award must be approved by the Director of Purchasing prior to performing any service.

SECTION 11 - SATISFACTORY PERFORMANCE

All services to be provided by the Consultant under the provisions of this Agreement, including services to be provided by subconsultants, shall be performed to the reasonable satisfaction of the County's Director of Public Works or designee.

SECTION 12 - RESOLUTION OF DISAGREEMENTS

1. The County shall reasonably decide all questions and disputes, of any nature whatsoever, that may arise in the execution and fulfillment of the services provided for under this Agreement.
2. The decision of the County upon all claims, questions, disputes and conflicts shall be final and conclusive, and shall be binding upon all parties to this Agreement, subject to judicial review.

SECTION 13 - CONSULTANT'S ACCOUNTING RECORDS

1. Records of expenses pertaining to all services performed shall be kept in accordance with generally accepted accounting principles and procedures.
2. The Consultant's records shall be open to inspection and subject to examination, audit, and/or reproduction during normal working hours by the County's agent or authorized representative to the extent necessary to adequately permit evaluation and verification of any invoices, payments or claims submitted by the Consultant or any of his payees pursuant to the execution of the Agreement. These records shall include, but not be limited to, accounting records, written policies and procedures, subconsultant files (including proposals of successful and unsuccessful bidders), original estimates, estimating worksheets, correspondence, change order files (including documentation covering negotiated settlements), and any other supporting evidence necessary to substantiate charges related to this Agreement. They shall also include, but not be limited to, those records necessary to evaluate and verify direct and indirect costs (including overhead allocations) as they may apply to costs associated with this Agreement. The County shall not audit payroll and expense records on task assignments paid by lump sum fee.
3. For the purpose of such audits, inspections, examinations and evaluations, the County's agent or authorized representative shall have access to said records from the effective date of the Agreement, for the duration of work, and until 5 years after the date of final payment by the County to the Consultant pursuant to this Agreement.
4. The County's agent or authorized representative shall have access to the Consultant's facilities and all necessary records in order to conduct audits in compliance with this Section. The County's agent or authorized representative shall give the Consultant reasonable advance notice of intended inspections, examinations, and/or audits.

SECTION 14 - OWNERSHIP OF PROJECT DOCUMENTS

Upon completion or termination of this Agreement, all records, documents, tracings, plans, specifications, maps, evaluations, reports and other technical data, other than working papers, prepared or developed by the Consultant under this Agreement shall be delivered to and become the property of the County. The Consultant, at its own expense, may retain copies for its files and internal use. The County shall not reuse any design plans or specifications to construct another project at the same or a different location without the Consultant's specific written verification, adaptation or approval.

AGREEMENT**SECTION 15 - INSURANCE COVERAGE AND INDEMNIFICATION**

1. The Consultant must maintain insurance in at least the amounts required in the Request for Proposal throughout the term of this contract. The contractor must provide a Certificate of Insurance in accordance with Insurance Requirements of the Request for Proposal, evidencing such coverage prior to issuance of a purchase order or commencement of any work under this Contract. See Section C Insurance Requirements – Attached
2. If the Consultant is an individual or entity licensed by the State of Florida who holds a current certificate of registration or is qualified under Chapter 481, Florida Statutes, to practice architecture or landscape architecture, under Chapter 472, Florida Statutes, to practice land surveying and mapping, or under Chapter 471, Florida Statutes, to practice engineering, and who enters into a written agreement with the County relating to the planning, design, construction, administration, study, evaluation, consulting, or other professional and technical support services furnished in connection with any actual or proposed construction, improvement, alteration, repair, maintenance, operation, management, relocation, demolition, excavation, or other facility, land, air, water, or utility development or improvement, the Consultant will indemnify and hold harmless the County, and its officers and employees, from liabilities, damages, losses, and costs, including, but not limited to, reasonable attorneys' fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct, or for any violation of requirements of the Americans with Disabilities Act of 1990, as may be amended, and all rules and regulations issued pursuant thereto (collectively the "ADA") of the Consultant and other persons employed or utilized by the Consultant in the performance of the Agreement.

SECTION 16 - EQUAL EMPLOYMENT OPPORTUNITY CLAUSE FOR CONTRACTS NOT SUBJECT TO EXECUTIVE ORDER 11246

In carrying out the contract, the Consultant shall not discriminate against employee or applicant for employment because of race, color, religion, sex or national origin.

SECTION 17 - INDEPENDENT CONTRACTOR STATUS AND COMPLIANCE WITH THE IMMIGRATION REFORM AND CONTROL ACT OF 1986

Consultant acknowledges that it is functioning as an independent Consultant in performing under the terms of this Agreement, and it is not acting as an employee of County. Consultant acknowledges that it is responsible for complying with the provisions of the Immigration Reform and Control Act of 1986, located at 8 U.S.C. Section 1324, et seq., and regulations relating thereto. Failure to comply with the above provisions of this contract shall be considered a material breach and shall be grounds for immediate termination of the contract.

SECTION 18 - PROHIBITION AGAINST CONTINGENT FEE

The Consultant warrants that he has not employed or retained any company or person, other than a bona fide employee working solely for the Consultant to solicit or secure this Agreement, and that he has not paid or agreed to pay any person, company, corporation, individual, or firm other than a bona fide employee working solely for the Consultant, any fee, commission, percentage, gift or any other consideration, contingent upon or resulting from the award or making of this Agreement.

SECTION 19 - TRUTH IN NEGOTIATIONS

By execution of this Agreement, the Consultant certifies to truth-in-negotiations and that wage rates and other factual unit costs supporting the compensation are accurate, complete and current at the time of contracting. Further, the original contract amount and any additions thereto shall be adjusted to exclude any significant sums where the County determines the contract price was increased due to inaccurate, incomplete or non-current wage rates and other factual unit costs. Such adjustments must be made within 1 year following the end of the contract.

SECTION 20 - SUCCESSORS AND ASSIGNS

The Consultant shall not assign, sublet, or transfer his interest in this Agreement without the written consent of the County.

SECTION 21 - INTEREST ON JUDGMENTS

In the event of any disputes between the parties to this Agreement, including without limitation thereto, their assignees and/or assigns, arising out of or relating in any way to this Agreement, which results in litigation and a subsequent

AGREEMENT

judgment, award or decree against either party, it is agreed that any entitlement to post judgment interest, to either party and/or their attorneys, shall be fixed by the proper court at the rate of 5%, per annum, simple interest. Under no circumstances shall either party be entitled to pre-judgment interest. The parties expressly acknowledge and, to the extent allowed by law, hereby opt out of any provision of federal or state statute not in agreement with this paragraph.

SECTION 22 - TERMINATION OF AGREEMENT

1. The County reserves the right to cancel this Agreement, without cause, by giving 30 days prior written notice to the Consultant of the intention to cancel. Failure of the Consultant to fulfill or abide by any of the terms or conditions specified shall be considered a material breach of contract and shall be cause for immediate termination of the contract at the discretion of County. Alternatively, at the County's discretion, the County may provide to Consultant 30 days to cure the breach. Where notice of breach and opportunity to cure is given, and Consultant fails to cure the breach within the time provided for cure, County reserves the right to treat the notice of breach as notice of intent to cancel the Agreement for convenience.
2. If County terminates the Agreement for convenience, other than where the Consultant breaches the Agreement, the Consultant's recovery against the County shall be limited to that portion of the Consultant's compensation earned through date of termination, together with any costs reasonably incurred by the Consultant that are directly attributable to the termination. The Consultant shall not be entitled to any further recovery against the County, including but not limited to anticipated fees or profit on work not required to be performed.
3. Upon termination, the Consultant shall deliver to the County all original papers, records, documents, drawings, models, and other material set forth and described in this Agreement.
4. In the event that conditions arise, such as lack of available funds, which in the County's opinion make it advisable and in the public interest to terminate this Agreement, it may do so upon written notice.

SECTION 23 - AGREEMENT TERM

1. This Agreement will become effective on the date of execution first written above and shall remain in effect for **1080** consecutive calendar days from the commencement date on the Notice to Proceed) unless terminated at an earlier date under other provisions of this Agreement, or unless extended for a longer term by amendment.

SECTION 24 - CONFLICT OF INTEREST

1. By accepting award of this Contract, the Consultant, which shall include its directors, officers and employees, represents that it presently has no interest in and shall acquire no interest in any business or activity which would conflict in any manner with the performance of services required hereunder, including as described in the Consultant's own professional ethical requirements. An interest in a business or activity which shall be deemed a conflict includes but is not limited to direct financial interest in any of the material and equipment manufacturers suppliers, distributors, or contractors who will be eligible to supply material and equipment for the project for which the Consultant is furnishing its services required hereunder.
2. If, in the sole discretion of the County Administrator or designee, a conflict of interest is deemed to exist or arise during the term of the contract, the County Administrator or designee may cancel this contract, effective upon the date so stated in the Written Notice of Cancellation, without penalty to the County.

SECTION 25 - ENTIRE AGREEMENT

This Agreement represents, together with all Exhibits and Appendices, the entire written Agreement between the County and the Consultant and may be amended only by written instrument signed by both the County and the Consultant.

SECTION 26 - PUBLIC ENTITY CRIMES

Consultant is directed to the Florida Public Entity Crime Act, Fla. Stat. 287.133, and Fla. Stat. 287.135 regarding Scrutinized Companies, and Consultant agrees that its bid and, if awarded, its performance of the agreement will comply with all applicable laws including those referenced herein. Consultant represents and certifies that Consultant is and will at all times remain eligible to bid for and perform the services subject to the requirements of these, and other applicable, laws. Consultant agrees that any contract awarded to Consultant will be subject to termination by the County if Consultant fails to comply or to maintain such compliance.

AGREEMENT

SECTION 27 - PUBLIC RECORDS

Consultant acknowledges that information and data it manages as part of the services may be public records in accordance with Chapter 119, Florida Statutes and Pinellas County public records policies. Contractor agrees that prior to providing services it will implement policies and procedures to maintain, produce, secure, and retain public records in accordance with applicable laws, regulations, and County policies, including but not limited to the Section 119.0701, Florida Statutes. Notwithstanding any other provision of this Agreement relating to compensation, the Consultant agrees to charge the County, and/or any third parties requesting public records only such fees allowed by Section 119.07, Florida Statutes, and County policy for locating and producing public records during the term of this Agreement.

CONTRACTOR'S DUTY:

If the contractor has questions regarding the application of Chapter 119, Florida Statutes, to the contractor's duty to provide public records relating to this agreement, the contractor shall contact:

Pinellas County Board of County Commissioners

Purchasing and Risk Management Division

400 S. Ft. Harrison Ave, 6th Floor,

Clearwater, FL 33756

Public Records Liaison

Phone: 727-464-3237

Email: mcchartier@pinellas.gov

AGREEMENT

SECTION 28 - GOVERNING LAW AND AGREEMENT EXECUTION

This Agreement shall be governed by the laws of the State of Florida.

IN WITNESS WHEREOF, the parties herein have executed this Agreement as of the day and year first written above.

PINELLAS COUNTY, FLORIDA, a

Political subdivision of the State of
Florida, by and through its
Board Of County Commissioners

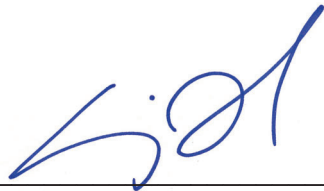
Chairman
Date: _____

ATTEST: Ken Burke, Clerk of the Circuit
Court

Deputy Clerk
Date: _____

CONSULTANT:

Johnson, Mirmiran, & Thompson, Inc.



Authorized Signature
Sergio Quevedo

Printed Authorized Signature

Senior Vice President

Title Authorized Signature

APPROVED AS TO FORM
By: Miles Belknap
Office of the County Attorney

EXHIBIT A

SCOPE OF SERVICES

ENGINEERING CONSULTING SERVICES

Contract No.: 24-0902-RFP-CCNA

**Professional Engineering Services For
62nd Avenue North from W. of 49th Street N to U.S. 19 N / SR 55 / 34th Street N
PID 000097A**



**Prepared for:
Pinellas County
Public Works Capital Improvements Division - Transportation
14 S. Fort Harrison Avenue
Clearwater, FL 33756**

**Prepared by:
Johnson, Mirmiran, & Thompson, Inc.**

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SCOPE OF SERVICES FOR ENGINEERING CONSULTING SERVICES

This Document forms an integral part of the agreement between Pinellas County (hereinafter referred to as the County) and TBD (hereinafter referred to as the CONSULTANT) relative to the transportation facility described as follows:

I. PROJECT TITLE

Professional Engineering Services for 62nd Avenue North, from West of 49th Street North to 34th Street North (U.S. Hwy 19 N).

II. OBJECTIVE

The overall objective of this project is to provide increased traffic and pedestrian safety throughout the defined project limits on 62nd Avenue North, from 780 feet West of 49th Street North to 34th Street North (U.S. Hwy 19 N). This proposal defines the scope of work and responsibilities of the CONSULTANT for developing plans, specifications, estimates, and performing all other professional engineering work associated with the proposed roadway widening of 62nd Avenue North, from 780 feet West of 49th Street North to 34th Street North (U.S. Hwy 19 N).

III. PROJECT DESCRIPTION

The COUNTY proposes to improve approximately 1.54 miles of 62nd Avenue North (CR 216) from 780 feet West of 49th Street North to 34th Street North (U.S. Hwy 19 N).

This project is based on the findings from the Preliminary Engineering Report (PER) dated February 2024. The final draft of the Preliminary Engineering Report (PER) was derived from a Conceptual Corridor Report, Traffic & Safety Analysis Report, Health Impact Assessment, and the Traffic Analysis for Proposed Youth Park Multiuse Sports Complex that were completed as part of the PER.

The project consists of widening the existing roadway from a two (2) lane rural roadway to proposed improvements that consist of two (2) 11-foot lanes in both the eastbound and westbound directions, one (1) 12-foot two-way left turn lane, varying with sod buffers, an 8-foot sidewalk on the southside, and a 12-foot shared use path on the northside.

The intersection of 62nd Avenue North & 49th Street North will be upgraded from span wire to mast arms, and all existing equipment replaced including pedestrian signals, traffic controller cabinet, cctv, and accommodate the modified 62nd Ave approaches. The intersection of 62nd Avenue North & 34th Street North has existing mast arms to remain and was previously upgraded with FYA left turn signal heads and are to remain; the pedestrian signals will be modified as needed to accommodate the proposed trail connection.

A drainage system that consists of Type F curb & gutter will be constructed that will convey the stormwater runoff to a proposed pond for each outfall basin.

The project has received federal funding. Accordingly, a NEPA environmental assessment is required. The CONSULTANT shall conduct all required environmental and engineering analyses to prepare a Type 1 Categorical Exclusion (CE) document in accordance with Part 1, Chapter 2 of the FDOT Project Development and Environment Manual (latest edition).

The CONSULTANT shall compile data, and complete forms and technical memorandums necessary for completion of a Type 1 CE document for the project. The Consultant shall coordinate with the COUNTY'S

Project Manager to ensure that necessary engineering and environmental information required to prepare the CE document is collected and/or developed.

IV. SCOPE OF WORK

The COUNTY is seeking the professional services of an engineering consultant to prepare a set of contract documents including plans, specifications, supporting engineering analysis, calculations, and other technical documents in accordance with Pinellas County policies, procedures, and requirements. These Contract documents will be used by the contractor to build the project and by the COUNTY or its Construction Engineering Inspection (CEI) representatives, for inspection and final acceptance of the project. The CONSULTANT shall follow a system engineering process to verify that required project components are included in the development of the contract documents and that the project can be built as designed conforming to specifications.

The scope of this work assignment includes the following:

- General Tasks
- Roadway Analysis
- Roadway Plans
- Drainage Analysis
- Drainage Plans
- Utility Coordination Support
- Permitting Services
- Environmental Analysis & Documents
- Tree Inventory, Condition, Risk, and Impact Analysis
- Structures Analysis
- Signing and Pavement Marking Analysis
- Signing and Pavement Marking Plans
- Signalization Analysis
- Signalization Plans
- Lighting Analysis
- Data Collection and Review
- GAP Analysis Task
- Geotechnical Services
- Public Outreach
- Optional Services - Railroad
- Construction Plans
- Development of construction specifications
- Post Design Services
- Other engineering and design services as described in the scope of services.
- NEPA Environmental Assessment required for Type 1 CE
- Type 1 CE and FDOT required forms and submittal to FDOT via SWEPT

These improvements will be designed in accordance with Pinellas County Standard Engineering Details, Specifications, and Manuals; 2018 FDOT Manual of Uniform Minimum Standards for Design (Florida Greenbook) and 2018 AASHTO Greenbook Standards; FDOT Standard Plans and Specifications; Pinellas

County Transportation Design Manual, Pinellas County Stormwater Manual; and Pinellas County Floodplain Management Ordinance (PC Land Development Code, Chapter 158).

The proposed improvements will also implement green infrastructure, wherever feasible, including the preservation of as many mature native trees as possible.

Plans will be prepared in accordance with AutoCAD Civil 3D Pinellas County Kit Requirements. The Pinellas County CADD Kit for Civil 3D CADD Manual and Kit details can be found at:

Engineering & Technical Information: Public Works & Utilities - Pinellas County

TASK 1: GENERAL TASKS

Contract Maintenance – The CONSULTANT will provide contract maintenance and project documentation for the duration of the contract. Includes complete setup and maintenance of files, electronic folders, and documents, developing technical monthly progress reports, schedule updates, and compilation/submittal of project documentation.

Project Meetings – The CONSULTANT will attend twenty-four (24) monthly progress meetings (assumed 24-month schedule). The CONSULTANT will provide meeting minutes for review and approval to the COUNTY.

Specifications Package Preparation – The CONSULTANT will prepare applicable technical Special Provisions if different from the County STANDARD specifications. The CONSULTANT should utilize the appropriate COUNTY approved pay item structure.

Coordination – The CONSULTANT will coordinate with all relevant agencies, including but not limited to the following agencies:

- City of Pinellas Park
- Florida Department of Transportation (FDOT)
- CSX Railroad
- Forward Pinellas
- Southwest Florida Water Management District (SWFWMD)
- Pinellas Suncoast Transit Authority (PSTA)
- Pinellas County Sheriff School Crossing Guard Supervisor

TASK 2: ROADWAY ANALYSIS

The CONSULTANT shall prepare, document, design, and analyze roadway plans in accordance with all applicable manuals, guidelines, standards, handbooks, procedures, and current design memorandums.

Typical Section Package – The CONSULTANT shall provide an approved Typical Section Package prior to the first plans submittal.

Pavement Design Package – CONSULTANT will confirm pavement design using information provided in the PER.

Horizontal/Vertical Master Design Files – The CONSULTANT shall design the geometrics using the appropriate design standards with proper consideration given to the design traffic volumes, design speed,

capacity and levels of service, functional classification, adjacent land use, design consistency and driver expectancy, aesthetics, elder road user policy, existing vegetation to be preserved, pedestrian and bicycle concerns, ADA requirements, access management, PD&E documents, and scope of work. At a minimum, the Florida Greenbook Standards (2018) shall be met.

Cross Section Design Files – The CONSULTANT shall establish and develop cross section design files in accordance with the County CADD manual. Cross section shall be provided at a minimum 50' interval and at locations necessary to provide adequate information to the contractor for grading, changes in roadway cross slopes, drainage characteristics, etc. Cross sections will depict existing utility locations.

Temporary Traffic Control (TTCP) Analysis – The CONSULTANT shall design a safe and effective Temporary Traffic Control Plan (TTCP) to move vehicular and pedestrian traffic during all phases of construction. The design shall include construction phasing of the roadways' ingress and egress to existing property owners and businesses, routing, signing and pavement markings, detour quantity tabulations, roadway pavement, drainage structures, ditches, front slopes, back slopes, drop offs within clear zone, transit agency features (bus stops, etc.), and traffic monitoring sites. Special consideration shall be given to the construction of the drainage system when developing the construction phases. Positive drainage must be maintained at all times (the CONSULTANT may need to provide a temporary drainage design). The design shall include construction phasing of roadways to accommodate the construction or relocation of utilities when the contract includes Joint Project Agreements (JPAs) or Utility Work by Highway Contractor (UWHC).

In the analysis, the CONSULTANT shall investigate the need for temporary traffic signals (including temporary timings), temporary signal detection, temporary lighting, detours, diversions, lane shifts, and the use of materials such as sheet piling. The TTCP shall be prepared by a certified designer who has completed training as required by the Florida Department of Transportation.

Every effort shall be made to maintain signal detection throughout the life of the construction. The type of detection and the location shall be included in the TTCP.

The CONSULTANT shall consider the local impact of any lane closures or alternate routes. When the need to close a road is identified during this analysis, the CONSULTANT shall notify the COUNTY's Project Manager as soon as possible. Proposed road closings must be reviewed and approved by the COUNTY. Diligence shall be used to minimize negative impacts by appropriate specifications, recommendations or plans development. Local impacts to consider shall include emergency vehicle response time, local events, holidays, peak seasons, detour route deterioration, transit agency routes and features, and other eventualities. The CONSULTANT shall be responsible for obtaining the local authorities' permission for use of detour routes not on COUNTY roadways. Affected transit agencies shall be notified in advance about bus route lane closures and detours via the COUNTY.

Master TTCP Design Files – The CONSULTANT shall develop master Temporary Traffic Control Plan (TTCP) files showing each phase of the TTCP, including all work necessary for designing lane configurations, diversions, lane shifts, signing and pavement markings, temporary traffic control devices and temporary pedestrian travel ways.

Design Variations and Exceptions – The CONSULTANT shall prepare the documentation necessary to gain COUNTY approval of all appropriate Design Variations and Exceptions before the first plans submittal. None are anticipated.

Design Report – The CONSULTANT shall prepare all applicable geotechnical, lighting analysis, public involvement, and drainage related report(s) documenting the design criteria, design decisions, etc., and submit in PDF format.

Cost Estimate: A cost estimate will be prepared at 60%, 90%, 100%, and Final phase submittals using available historic construction unit costs provided by the COUNTY. The CONSULTANT shall utilize FDOT Area 8 Average unit prices for items not available through the COUNTY's historical unit prices. When used, FDOT Area 8 Average unit prices shall be increased by 25%.

Other Roadway Analysis (Right of Way): The CONSULTANT shall identify all right of way acquisition needs by the 60% plans phase and will provide up to ten (10) aerial exhibits. The COUNTY will provide sketch & descriptions and proposed right of way map for right-of-way acquisition. The COUNTY will be responsible for managing all other aspects of the right-of-way acquisition process.

Roadway Field Review: The CONSULTANT will conduct one (1) site review prior to 60% plans and two (2) additional site reviews as needed.

Roadway Non-Technical: The CONSULTANT shall attend meetings relating to roadway analysis design. The CONSULTANT shall perform QA/QC services to ensure quality standards are adhered to and supervision and coordination is provided throughout the life of the project.

TASK 3: ROADWAY PLANS

The CONSULTANT shall prepare Roadway, TTCP, Utility Adjustment plan sheets, notes, and details. The plans shall include the following sheets necessary to convey the intent and scope of the project for the purposes of construction.

- Key Sheet
- Signature sheet
- Summary of Pay Items
- Summary of Quantities
- Typical Section(s) and Typical Section Details General Notes/Pay Item Notes
- Project Layout Sheets
- Plan Sheets (40 scale)
- Profile Sheets (40 scale)
- Special Profiles
- Special Details
- Roadway Soil Survey
- Cross Sections
- Driveway Half Sections
- Temporary Traffic Control Plan Sheets
- Temporary Traffic Control Cross Sections
- Temporary Traffic Control Detail Sheets
- Utility Adjustment Sheets
- Tree Disposition Sheets
- Project Control Sheets
- Utility Verification Sheets (SUE Data)
- CSX Tub Detail Sheet

TASK 4: DRAINAGE ANALYSIS

The CONSULTANT will analyze and document the drainage design and develop construction plans in accordance with all the latest applicable manuals, guidelines, Pinellas County Standard Details, handbooks, procedures, and technical specifications. Applicable standards, manuals and handbooks for this project are shown below.

- FDOT Drainage Manual (January 2025)
- FDOT Erosion and Sediment Control Manual (July 2013)
- FDOT Drainage Design Guide (January 2024)
- FDEP Stormwater Quality Applicants Handbook (March 2010)
- FDOT Standard Plans for Road and Bridge Construction (FY 2025-26)
- Pinellas County Standard Details (February 2022)
- Pinellas County Code
- Pinellas County Land Development Code
- Pinellas County Stormwater Manual (Revised April 2024)
- Pinellas County Standard Technical Specifications for Roadway and General Construction (latest version)
- SWFWMD Permit Applicant's Handbook Volume I (December 2020)
- SWFWMD Permit Applicant's Handbook Volume II (June 2018)

The CONSULTANT will be responsible for designing the drainage system and developing construction plans to serve the proposed corridor improvements. The work will include the engineering analysis for the following:

- Create working drainage maps used in defining the system hydrology.
- Design stormwater management facilities (SMF) to meet requirements for stormwater quality treatment and attenuation as may be determined by environmental agencies and/or Pinellas County. Includes developing proposed SMF layout, perform routing, pollutant/nutrient loading calculations, recovery calculations, and design of outfall control structure (including erosion protection at outfall(s)).
- Provide a complete drainage design, and complete drainage design documentation that will fully comply with all applicable stormwater regulations described within the Pinellas County Stormwater Manual.
- Floodplain evaluation complies with the Pinellas County Floodplain Management regulations, as described in the Pinellas County Land Development Code, Chapter 158, "Floodplain Management".
- Update current watershed model for existing and proposed conditions to establish site specific floodplain elevations and estimated encroachments.
- Determination of floodplain encroachments and design of floodplain compensation site(s) (FPC). Includes developing proposed FPC layout.
- Pond Siting and Floodplain Compensation Siting Analysis
- Design of roadway stormwater collection system. Includes delineation of contributing drainage areas, determine runoff, inlet locations, ditches, tailwater conditions and spread.
- Flood Vulnerability and Sea Level Rise Analysis.
- Data Collection to include all existing plans, reports, models and studies to determine drainage patterns and systems.
- Hydrologic and Hydraulic modeling of existing and proposed conditions.

- Develop drainage design documentation to include all documentation for all drainage design tasks, including coordination (meeting minutes/decisions) and field photographs.
- Evaluate temporary drainage analysis during all construction phases.
- Summarize drainage quantities and associated pay items.
- Analysis and design of Erosion Control Plan (includes creating design file).

Cost Estimate: A cost estimate will be prepared at 60%, 90%, 100%, and Final phase submittals using available historic construction unit costs provided by the COUNTY. The CONSULTANT shall utilize FDOT Area 8 Average unit prices for items not available through the COUNTY's historical unit prices. When used, FDOT Area 8 Average unit prices shall be increased by 25%.

Drainage Field Review: The CONSULTANT will conduct one (1) site review after data collection and two (2) additional site reviews as needed.

Drainage Non-Technical: The CONSULTANT shall attend meetings relating to the drainage analysis design. The CONSULTANT shall perform QA/QC services to ensure quality standards are adhered to and supervision and coordination are provided throughout the project's life.

TASK 5: DRAINAGE PLANS

The CONSULTANT will prepare all required drainage construction plan sheets, notes and details associated with the project. The plans will include the following sheets necessary to convey the intent and scope of the drainage design for the purposes of construction.

- Drainage Map
- Summary of Drainage Structures
- Drainage Structures
- Ditch Plan/Profile & Cross Sections
- Retention/Detention/Floodplain Compensation Ponds (includes Control Structure details)
- Drainage Details (includes any additional detail needed for Green Infrastructure)
- Erosion Control Plan/Details
- SWPPP

The stormwater management for this project will consider using suitable vacant land adjacent to the project for siting a Stormwater Management Facility (SMF) for each outfall basin. Due to the significant amount of untreated impervious areas located within the project limits, compensatory treatment is also considered for meeting water quality requirements.

TASK 6: UTILITY COORDINATION SUPPORT

The COUNTY is responsible for coordinating its design work with public and private Utility Agency/Organization having existing and/or planned facilities within the limits of the project.

The COUNTY must provide the UAOs project plans and/or Civil 3D files at 15% L&G, 60% and 100% complete design phases, as drafted by the CONSULTANT. In the event the project files are larger than UAOs email servers allow (generally 10MB), the CONSULTANT should be responsible for electronic plan and/or Civil 3D file transfer as directed by the COUNTY. At the 15% L&G phase, UAOs will be sent plans and instructed to provide green lines back to the County. This submittal will be used to ensure that all existing utility infrastructure was gathered. During the 60% complete design

phase, the UAOs will be instructed to return a set of plans to the COUNTY showing their utility relocations/adjustments, new facility designs, existing utility facilities to remain and utility facilities to be removed. The COUNTY's and CONSULTANT's utility coordination responsibilities will continue throughout the design process to assist with resolving potential utility conflicts.

Utility Adjustment Plans - The CONSULTANT must prepare utility adjustment sheets as part of the project plan set to show existing public and private utility facilities remain in place, new utility facilities to be constructed and utility facilities to be removed. Utility adjustment plans must be prepared on reproducible copies of the plan and profile sheets, cross section sheets, drainage structure sheets and signalization plans if applicable. The CONSULTANT is to identify all potential utility conflicts or constructability issues (i.e., OSHA clearance issues with equipment relating to overhead power lines) based on the data provided within the Survey, horizontal and vertical field investigations and information provided by the UAOs. Any Quality Level D utility information received from UAOs should not be incorporated into the plans but will be used for additional Survey or SUE investigation. A conflict matrix itemizing utility conflicts by UAO must be prepared by the CONSULTANT and submitted to the COUNTY. The COUNTY must distribute to UAOs. Four weeks on average should be allowed for each UAO to respond with appropriate resolution. The CONSULTANT must coordinate with the COUNTY and UAOs to determine areas of apparent conflict or constructability concerns and request Subsurface Utility Engineering activities (Conflict Resolution) to confirm whether or not a conflict exists and to what degree. The 100% design review submittal must include final utility adjustment plans that reflect the final disposition of all public and private utilities. Any subsequent conflicts are to be resolved, and all final design revisions complete at the final design submittal.

Optional Survey Services – The CONSULTANT must include additional optional survey services for any utility conflict resolution.

Utility Coordination Meetings - The CONSULTANT must attend utility coordination meetings to be held after the 60% design submittal and prior to the 100% final design submittal. The meetings will be held an average of 30-45 days after notification to utility agencies. The COUNTY will be responsible for organizing these meetings. The COUNTY will prepare formal correspondence issuing project plans and/or Civil 3D files as outlined above. The COUNTY should moderate the meeting. The CONSULTANT should discuss the project design (roadway, sidewalk, drainage, etc.) with particular emphasis on potential utility conflicts and constructability concerns. The CONSULTANT must prepare detailed minutes and distribute to all attendees. Representation at the meeting should consist of internal County stakeholders, Consultant engineering staff and UAOs with facilities located and/or planned within the project limits.

Final agreements with Utilities (Final Plans) - The COUNTY will transmit the necessary legal drafts and documents to each UAO as required. Review and Acceptance – The CONSULTANT should be responsible for making all necessary reviews and acceptance of utility related materials including but not limited to, Utility Right of Way Permitting, Joint Project Agreement Plans, Utility Work Schedules, and technical specifications.

TASK 7A: PERMITTING (WETLANDS, SURFACE WATERS)

The CONSULTANT must prepare permit applications, technical data and supporting documentation for all permits to be submitted by the COUNTY. The CONSULTANT must acquire all state and federal permits regarding impacts to jurisdictional wetlands and surface waters (pursuant to Sections 404 and 401 of the Clean Water Act, or “CWA”) for the proposed project. Upon completion of the 60% plans submittal, the CONSULTANT must submit the permit applications within 60 to 90 days to the COUNTY Permit Coordinator. Prior to the permit application submittal, the CONSULTANT must also contact the County Permit Coordinator to schedule pre-application meetings with applicable permitting agencies to identify specific permitting requirements for the project. The CONSULTANT must attend all pre-application meetings with COUNTY staff. The CONSULTANT must provide a pre-application meeting agenda to the COUNTY for review two business days prior to each meeting and must provide written minutes of each meeting within seven business days of the meeting for COUNTY approval prior to distribution to attendees.

The CONSULTANT must visit the project site with the COUNTY and respective regulatory agencies, as necessary, to determine the applicability of permits and to determine the degree of function of wetlands and surface waters anticipated to be lost due to project impacts. The CONSULTANT shall delineate all jurisdictional wetlands and surface prior to the agency site visit and stake and/or record dGPS coordinates to demonstrate those boundaries.

The CONSULTANT must prepare application forms, narratives, calculations, exhibits, permit drawings, etc. necessary for all permit application submittals. The CONSULTANT must submit the completed draft permit applications to the COUNTY for review and signature within 60 to 90 days after receiving and incorporating comments from the 60% design QC review, unless otherwise agreed upon by the COUNTY.

The CONSULTANT must coordinate with COUNTY Permit Coordinator until all permits are obtained.

The CONSULTANT must prepare responses to all agency requests for additional information (RAI), including completion of design revisions that may be required to secure any required permits, and provide draft response packages to COUNTY Permit Coordinator. The CONSULTANT must coordinate with COUNTY Permit Coordinator to meet with the regulatory agencies as necessary to resolve permitting issues.

TASK 7B: PERMITTING (GOPHER TORTOISES)

If suitable habitat for Gopher Tortoise is found to be within the limits of disturbance (LOD) of the project and the area within 25 feet of the LOD, and burrows are found within that area, the CONSULTANT will prepare a permit for excavation of burrows and relocation of affected individuals to a recipient site. No earlier than 90 days prior to submittal of the permit application, a reconnaissance-level burrow survey must be conducted.

TASK 7C: CULTURAL RESOURCES COMPLIANCE

The CONSULTANT shall draft and submit all materials required for Section 106 of the National Historic Preservation Act (NHPA) and its implementing regulations, 36 CFR 800, which will be required for the CWA Section 404 permit (i.e., Task 7A). Pursuant to Section 106, the CONSULTANT will conduct a Cultural Resource Assessment Survey (CRAS), also known as a Phase I survey. The CRAS will consist of background research, coordination with the leading Federal agency and the Florida Division of Historic Resources (DHR), pedestrian survey of the project area, survey any historic-age (50 years old or older) architectural resources within the project location's Area of Potential Effect, and the drafting of a Phase I report including background research and fieldwork findings. The CONSULTANT will submit a draft report of the CRAS to the leading Federal agency for review. If requested by the leading Federal agency, CONSULTANT can facilitate coordination with DHR. The CONSULTANT assumes that, due to the heavy disturbance of the project area, no shovel test pits will be needed. The CONSULTANT also assumes that a CRAS will be sufficient to obtain a clearance letter from DHR. If additional work, including, but not limited to, mitigation or Phase II services are required, a supplemental scope and fee will be necessary.

TASK 8: ENVIRONMENTAL ANALYSIS & DOCUMENTS

General

The CONSULTANT shall conduct all required environmental and engineering analyses to prepare a Type 1 Categorical Exclusion (CE) document in accordance with Part 1, Chapter 2 of the FDOT Project Development and Environment Manual (latest edition).

CONSULTANT shall compile data, and complete forms and technical memorandums necessary for completion of a Type 1 CE document for the project. The Consultant shall coordinate with the COUNTY'S Project Manager to ensure that the necessary engineering and environmental information required to prepare the CE document is collected and/or developed. Preparation of the Type 1 CE shall include the following tasks, some of which may also support permitting efforts as described above

a. Sociocultural Effects

The CONSULTANT shall collect and compile project area sociocultural data and verify that minority and/or low-income populations will not be differentially impacted by the proposed project. The consultant shall also collect and assess data on additional sociocultural issues (e.g., social, economic, land use, mobility).

b. Section 106 Resources

The CONSULTANT shall assess the potential impacts of the proposed improvements on historic and/or Archaeological Resources protected by the National Historic Preservation Act (NRHP) and 36 Code of Federal Regulations Part 800. It is anticipated that a Cultural Resource Assessment Survey (CRAS) will be required in order to obtain the necessary SHPO clearance letter.

c. Section 4(f) Analysis

The CONSULTANT shall identify and analyze the potential for impacts to Section 4(f) properties located within the project corridor.

d. Wetland Impact Analysis

The CONSULTANT shall analyze the impacts to wetlands due to changes in the Project. This task will include a field review to assess the project area for the presence of wetlands and to identify any impacts which may result from the construction of the project.

e. Water Resources

The CONSULTANT shall evaluate the effects of the project on water quality pursuant to the governing regulations of federal, state, and local regulatory agencies.

f. Floodplain Encroachment

The CONSULTANT shall analyze the potential for impacts of the project on Floodplains.

g. Special Designations

The CONSULTANT shall assess the project area for the presence of areas with special designations. Special designations include, but are not limited to, Aquatic Preserves, Outstanding Florida Waters, and Wild and Scenic Rivers. The CONSULTANT shall also assess the project area for involvement with Coastal Zone Management and Coastal Barrier Resources.

h. Wildlife and Habitat Impact Analysis

The CONSULTANT shall analyze the potential for impacts to wildlife and habitat due to construction and operation of the proposed project. The CONSULTANT shall evaluate potential impacts to species protected under state and federal regulations. This task shall include both general (i.e., not species-specific, other than for Gopher Tortoises, as noted above) field and desktop reviews.

i. Essential Fish Habitat Analysis

The CONSULTANT shall analyze the potential for project impacts to essential fish habitat.

j. Noise

The CONSULTANT shall analyze the potential for project-related noise impacts.

k. Air Quality

The CONSULTANT shall verify that the project is located within an area that is designated attainment for air pollutants which have Ambient Air Quality Standards.

l. Contamination

The CONSULTANT shall assess the project area for potential project involvement with contaminated sites.

m. Preparation of Type 1 CE document

The CONSULTANT shall prepare the Type 1 CE document in accordance with Part 1, Chapter 2 of the FDOT Project Development and Environment Manual (latest edition).

The CONSULTANT shall submit a draft reevaluation document to the COUNTY for review. After review and approval by the COUNTY, the CONSULTANT shall submit the final document for the Florida Department of Transportation (FDOT) review via SWEPT in accordance with Chapter 13 of the FDOT Project Development and Environment Manual.

If the proposed design of the project will not conform to the requirements of the Type 1 CE, the CONSULTANT will submit a modification for preparation of the appropriate Environmental Assessment document.

TASK 9: TREE INVENTORY, CONDITION, RISK, & IMPACT ANALYSIS

- *Construction cost estimates associated with mitigation are not part of the work effort.*
- a.) The consultant will perform a tree inventory on the provided tree survey data within the boundary of the proposed construction.
 - Data collected for tree inventory will include species identification and tree rating category per Sec. 138-3654 (1) (4) of the Pinellas County municipal code.
- b.) The consultant will provide tree impact analysis and tree mitigation estimates associated with the alternatives:
 - Impacts to existing trees associated with roadway improvements and pedestrian improvement alternatives as described in Tasks ##
 - Tree impact analysis will include a summary of the trees to be removed for each of the alternatives proposed.
 - Tree impact analysis will be in a table form with proposed tree mitigation associated with tree removal calculated per Sec. 138-3654 (1) (4)
 - *Construction cost estimates associated with mitigation are not part of the work effort.*

TASK 10: STRUCTURES

The CONSULTANT will analyze and design a drainage headwall to replace an existing concrete headwall that is located west of the 49th Street North intersection and the CSX railroad crossing. A new pipe railing will be proposed to shield the widened area from the proposed drop-off hazard.

New mast arms will be designed for the intersection of 49th Street North.

Column and size will be determined for the new advance signal multi-post signs.

TASK 11: SIGNING AND PAVEMENT MARKING ANALYSIS

The consultant shall analyze and document Signing and Pavement Markings analysis in accordance with all applicable manuals, guidelines, standards, handbooks, procedures, and current design memorandums.

Traffic Data Analysis: The CONSULTANT shall review the approved preliminary engineering report, typical section package, traffic technical memorandum, traffic & safety analysis, Youth Park Traffic Forecast Analysis and proposed geometric design alignment to identify proposed sign placements and roadway markings and perform queue analysis.

Signing and Pavement Marking Master Design File: The CONSULTANT shall prepare the Signing & Marking Design file to include all necessary design elements and all associated reference files.

Sign Panel Design Analysis: Establish sign layout, letter size and series for non-standard signs. Develop multi-post sign cross-sections, not to be included in plans, but to support the required column size and length data on the guide sign worksheet.

S&PM Quantities: The CONSULTANT shall determine signing and pavement marking pay items and quantities and the supporting documentation.

Cost Estimate: A cost estimate will be prepared at 60%, 90%, 100% and Final phase submittals using the tabulation of quantities and available historic construction unit costs provided by the COUNTY. The CONSULTANT shall utilize FDOT Area 8 Average unit prices for items not available through the COUNTY's historical unit prices. When used, FDOT Area 8 Average unit prices shall be increased by 25%.

Field Reviews: The CONSULTANT will conduct field reviews to assess the existing signing conditions and inventory the sign types and sizes.

TASK 12: SIGNING AND PAVEMENT MARKING PLANS

The CONSULTANT shall prepare a set of Signing and Pavement Marking Plans in accordance with all applicable manuals, guidelines, standards, handbooks, procedures, and current design memorandums that includes the following.

- Key sheet
- Tabulation of Quantities
- General Notes/Pay Item Notes
- Project Layout
- Plan Sheets
- Guide Sign Data (Next Signal Signs)

TASK 13: SIGNALIZATION ANALYSIS

The CONSULTANT shall analyze and document the Signalization Analysis in accordance with all applicable manuals, guidelines, standards, handbooks, procedures, and current design memorandums.

The existing signalized intersection of 34th Street North is not anticipated to be significantly impacted by the proposed alternative.

The existing signalized intersection of 49th Street North will be a full signal rebuild with Mast Arms.

Reference and Master Interconnect Communication Design File: The CONSULTANT shall prepare the Interconnect Communication Design file to include all necessary design elements and all associated reference files. The signals shall be re-connected to the existing fiber along 49th Street North and 34th Street North if impacted, respectively.

Cost Estimate: A cost estimate will be prepared at 60%, 90%, 100% and Final phase submittals using the tabulation of quantities and available historic construction unit costs.

Field Reviews: The CONSULTANT shall collect information from the maintaining agencies and conduct a field review. The data will be used to develop the design for the complete signal re-build. The review should include, but is not limited to, the following:

- Existing Pedestrian Phasing
- Controller Make, Model, Capabilities and Programmed Parameters
- Detection Configuration
- Interconnect Media
- Controller Timing Data

Technical Special Provisions and Modified Special Provisions: Technical special provisions (TSP), modified special provisions (MSP), or proprietary product certification packages will be prepared to support the procurement of equipment compatible with the County's current systems. Up to two (2) TSPs or MSPs and three (3) proprietary product certification packages are included.

TASK 14: SIGNALIZATION PLANS

The CONSULTANT shall prepare a set of Signalization Plans in accordance with all applicable manuals, guidelines, standards, handbooks, procedures, and current design memorandums, which includes the following:

- Key sheet and Signature Sheet
- Tabulation of Quantities
- General Notes/Pay Item Notes
- Plan Sheets
- Interconnect Sheets
- Mast Arm Tabulation Sheet
- Mast Arm Assemblies Data Table
- Guide Sign Worksheet (Internally Illuminated Street Name Signs)
- Splicing Diagrams
- TTCP Signal Plans
- Temporary Detection Sheets
- Report of Core Borings Sheet

TASK 15: INTERSECTION LIGHTING ANALYSIS

The CONSULTANT will provide a lighting design for the intersection to meet current FDOT horizontal and vertical lighting criteria for signalized intersections. The lighting design will not include vertical analysis for any existing driveways. The analysis will include voltage drop analysis for conductor sizing. Portions of the lighting may be furnished and installed by Duke

Energy. Lighting not furnished and installed by Duke Energy will be energized using the 120-volt traffic signal service. The lighting design will be included on the signalization plan sheet.

The CONSULTANT shall analyze and document Lighting Tasks in accordance with all applicable manuals, guidelines, standards, handbooks, procedures, and current design memorandums.

Lighting Design Analysis Report (LDAR): The CONSULTANT shall prepare a Preliminary Lighting Design Analysis Report in accordance with the requirements of the FDOT Design Manual. The report shall be submitted under separate cover with the 60% (Phase II) plans submittal. After approval of the preliminary report, the CONSULTANT shall submit a revised report for each submittal.

Voltage Drop Calculations: The CONSULTANT shall submit voltage drop calculations showing the equation or equations used along with the number of luminaries per circuit, the length of each circuit, the size conductor or conductors used and their ohm resistance values. The voltage drop incurred on each circuit (total volts and percentage of drop) shall be calculated, and all work necessary to calculate the voltage drop values for each circuit should be presented in such a manner as to be duplicated by the County. The Voltage Drop Calculations shall be submitted as part of the Lighting Design Analysis Report.

Reference and Master Design Files: The CONSULTANT shall prepare the *Lighting Design Photometric file* to include all necessary design elements and all associated reference files. Please note the following:

- 49th Street North – Full intersection lighting
- Two RRFB Mid-block Crosswalks – Approach lighting
- 62nd Avenue North Corridor
 - ⊖ Coordination with Duke Energy on lighting analysis is still ongoing prior to the FINAL PER submittal. Once completed, the analysis and associated costs will be submitted to the COUNTY for review.

Lighting Quantities: The CONSULTANT shall determine lighting pay items and quantities and the supporting documentation.

Cost Estimate: A cost estimate will be prepared at 60%, 90%, 100%, and Final phase submittals using the tabulation of quantities and available historic construction unit costs provided by the COUNTY. The CONSULTANT shall utilize FDOT Area 8 Average unit prices for items not available through the COUNTY's historical unit prices. When used, FDOT Area 8 Average unit prices shall be increased by 25%.

Field Reviews: The CONSULTANT shall collect information from the maintaining agencies and conduct a field review. The review should include, but is not limited to, the following:

- Existing Lighting Equipment
- Load Center, Capabilities and Condition/Age
- Condition of Lighting Structure(s)
- Verification of horizontal clearances
- Verification of breakaway requirements

TASK 16: GEOTECHNICAL

The CONSULTANT shall provide a geotechnical study to obtain information necessary for the project. The geotechnical study shall provide all information necessary for the CONSULTANT to determine the suitability of soils for drainage structures, existing groundwater levels, estimation of seasonal high groundwater table, borings, and permeability testing at proposed storm water pond locations, and be in accordance with FDOT and COUNTY standards, or as otherwise directed.

The CONSULTANT shall apply for a permit from the COUNTY prior to performing other work within the right of way. The permit application shall include the investigation plan and proposed boring locations and depths.

All laboratory testing and classification will be performed in accordance with applicable DEPARTMENT standards, ASTM Standards or AASHTO Standards.

The CONSULTANT shall stake boring locations and obtain utility clearances prior to any boring.

The CONSULTANT shall coordinate and develop a Temporary Traffic Control Plan. All work zone traffic control will be performed in accordance with the FDOT'S Standard Plans Index 102 series.

The CONSULTANT shall provide a geotechnical report with information regarding data collection and findings. Report shall include, but not be limited to, geotechnical recommendations regarding proposed pavement structure, mast arm foundations and any special considerations related to the foundations and installation methods, and any special considerations that may be necessary for proposed drainage and drainage structures.

TASK 17: CONTAMINATION

The CONSULTANT shall provide a Contamination Screening Evaluation Report for the project limits including stormwater ponds and floodplain compensation sites as described in Part 2, Chapter 20, of the PD&E Manual. The CONSULTANT shall include an evaluation of any new contamination impacts due to changes to the project from the PD&E design concept, if applicable, and any new discharges or new potential contamination impacts not evaluated in any previously completed Contamination Screening Evaluation. The project impacts, conclusions and recommendations, figures, tables and appendices will be provided in a Level I Contamination Screening Evaluation Report.

The CONSULTANT will provide Level II assessment services, if necessary, under a supplemental agreement. If contamination is identified within the limits of construction, the CONSULTANT shall coordinate with the COUNTY to properly mark identified contamination areas in the plans and develop specifications as appropriate.

TASK 18: CONTINGENCY SERVICES

In case of emergency or as unforeseen circumstances arise, the CONSULTANT shall provide unspecified services and/or field visits as needed, at the request of the COUNTY, within the field of the CONSULTANT's expertise.

TASK 19: PUBLIC OUTREACH

The CONSULTANT will prepare presentation and meeting materials for public meetings and assist the County in communicating project information to all interested parties.

Local Government Coordination

Coordination with local government staff of the City of Pinellas Park and with the community of Lealman (a census-designated place) will occur throughout the design project. Coordination will include, but is not limited to:

- Preparation of presentations and/or display boards
- Attendance to support the COUNTY as needed

Public Meetings

- The CONSULTANT will assist the COUNTY with conducting two (2) project information meetings with residents, businesses, and other stakeholders along the project corridor during the Design phase (online or in-person). It is anticipated that the first meeting will be held after preliminary design plans have been approved. The purpose of this meeting is to present the recommended alternatives to the public, along with anticipated impacts of the project. The second meeting will be held prior to construction. The purpose of the second meeting is to present the completed design and construction impacts to the public.
- The CONSULTANT will be responsible for the following tasks:
 - Preparation of graphics, PowerPoint presentation including full script, 2 sets of physical display boards and/or digital renderings
 - Assist the COUNTY with coordinating and conducting a dry run prior to the project information meeting
 - Provide staff to assist the COUNTY during project information meeting(s)

The COUNTY will prepare, mail, and pay for the postage of postcards which will serve as an invitation/notification of the public meeting(s).

Public Involvement Summary Report

The CONSULTANT will prepare a Public Involvement Summary Report which includes the following:

- Summary of comments received during, and in response to each public meeting, as well as any other comments received for the duration of the project.
- A description of all public involvement activities, including copies of handouts, meeting materials, attendee lists and presentations.

Other Public Involvement Tasks

The CONSULTANT will prepare any graphics or related information needed to discuss the project with stakeholders and adjacent property owners/occupants for one-on-one discussions as needed.

TASK 20: RAILROAD

The project also consists of replacing the existing 62nd Avenue North Railroad crossing, just east of 49th Street North (CR 611), with a CSX Tub-style crossing and reconstructing the roadway to accommodate the rail grades.

The CONSULTANT shall ensure reconstruction and/or milling and resurfacing limits are a minimum of 50 feet beyond the CSX right of way limits. The CONSULTANT shall evaluate and propose roadway improvements including new curb and gutter, drainage, relocation of the existing sidewalk approaching the crossing following ADA standards and evaluate relocation of crossing signals. The Roadway improvements project limits up to 300 LF approximately from CSX right of way limits.

Plans shall be prepared in accordance with the COUNTY'S CAD Standards Manual for Survey and Civil Engineering (2023) and AutoCAD Civil 3D Pinellas County Kit Requirements. The COUNTY shall provide the CSX Tub-style crossing detail.

TASK 21: POST DESIGN SERVICES

The COUNTY must select a Contractor for this project via competitive bid. The CONSULTANT must provide limited services as required during construction to verify the project is constructed in general conformance with the construction documents and permit requirements. In all instances, the CONSULTANT's services must be coordinated, in writing, by the COUNTY.

The following task items are based on an estimated 700 day construction period of this project. It is anticipated that the required services must be provided based on the project progress and needed expertise:

Response to Inquiries: The CONSULTANT must ensure a response within ten (10) working days to any inquiries required so as not to cause delay to the construction contract.

Shop Drawings: The CONSULTANT must review and provide a response within fifteen (15) working days to all shop drawings upon receipt.

Meetings: At the COUNTY's request, the CONSULTANT must attend a pre-construction conference, pre-bid meetings, progress reviews, design-to-construction hand-off meetings or other similar meetings.

Permit and As-Built Review: The COUNTY must be responsible for providing the CONSULTANT with As-built drawings which have been prepared and certified by a Registered Land Surveyor. The COUNTY must also provide the CONSULTANT with the records of the Construction Engineering and Inspection (CEI) activities. The CONSULTANT must review the As-built drawings and CEI records to verify the Work has been performed in general accordance with the permit conditions and the approved plans and submit them to the COUNTY as part of the Engineer's Certification of Completion of Construction.

Contingency Services: In case of emergency or as unforeseen circumstances arise, the CONSULTANT must provide unspecified services and/or field visits as needed, at the request of the COUNTY, within the field of the CONSULTANT's expertise.

V. COMPENSATION

TASK 1	GENERAL TASKS	\$ 47,197.62	Lump Sum
TASK 2	ROADWAY ANALYSIS	\$299,596.67	Lump Sum
TASK 3	ROADWAY PLANS	\$129,497.07	Lump Sum
TASK 4	DRAINAGE ANALYSIS	\$294,281.59	Lump Sum
TASK 5	DRAINAGE PLANS	\$ 67,683.60	Lump Sum
TASK 6	PERMITTING	\$ 55,032.29	Lump Sum
TASK 7	ENVIRONMENTAL ANALYSIS & DOCUMENTS	\$ 39,077.16	Lump Sum
TASK 8:	TREE INVENTORY, CONDITION, RISK, & IMPACT ASSESSMENT	\$ 30,375.00	Lump Sum
TASK 9	STRUCTURES	\$ 30,900.73	Lump Sum
TASK 10	SIGNING & PAVEMENT MARKING ANALYSIS	\$ 54,190.69	Lump Sum
TASK 11	SIGNING & PAVEMENT MARKING PLANS	\$ 14,062.97	Lump Sum
TASK 12	SIGNALIZATION ANALYSIS	\$ 37,524.56	Lump Sum
TASK 13	SIGNALIZATION PLANS	\$ 9,182.80	Lump Sum
TASK 14	INTERSECTION LIGHTING ANALYSIS	\$ 46,943.39	Lump Sum
TASK 15	GEOTECHNICAL	\$125,309.16	Lump Sum
TASK 16	CONTAMINATION	\$ 37,947.55	Lump Sum
TASK 17	PUBLIC OUTREACH	\$ 41,083.30	Lump Sum
TASK 18	POST DESIGN SERVICES	\$ 73,600.93	Lump Sum
	REIMBURSABLE EXPENSES	\$ 2,840.84	Lump Sum
	CONTINGENCY SERVICES	\$143,348.71	Lump Sum
TOTAL FEE		\$1,579,676.63	

VI. SCHEDULE

The CONSULTANT must provide a Microsoft Project Schedule with updates to be included with each monthly invoice submittal.

CONSULTANT'S services must commence upon receipt of written notice to proceed issued by the COUNTY. The CONSULTANT must complete the final design in accordance with the following or better project schedule:

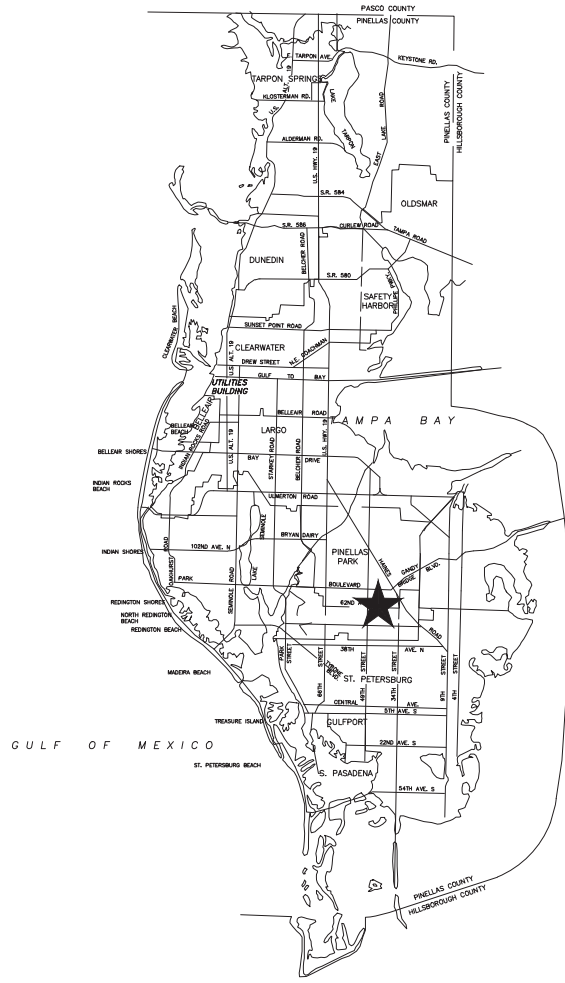
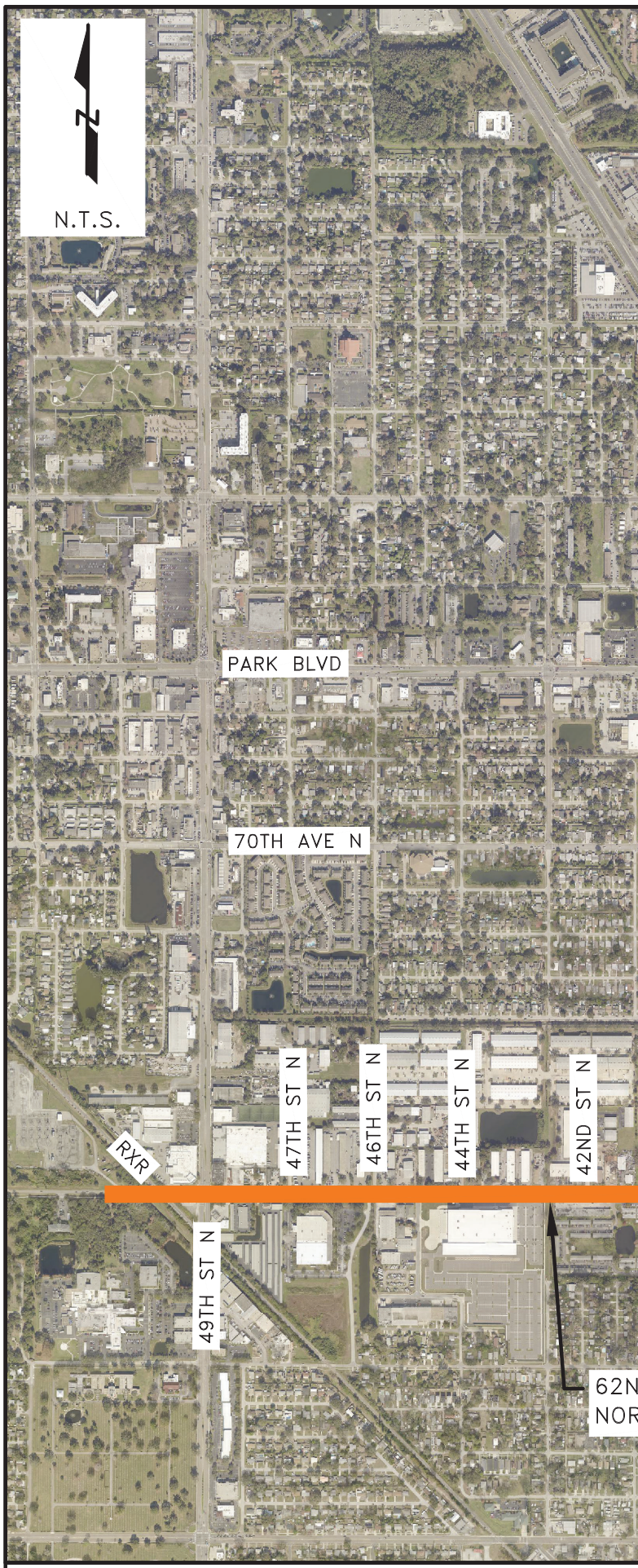
PROJECT SCHEDULE

<u>Milestone</u>	<u>Due Date After Receiving NTP & Survey</u>
<i>Notice to Proceed</i>	<i>TBD</i>
Project Schedule	<i>14</i> Calendar Days
30% Complete Plans Submittal	<i>145</i> Calendar Days
21 Day County Review	
60% Complete Plans Submittal	<i>285</i> Calendar Days
21 Day County Review	
90% Complete Plans Submittal	<i>365</i> Calendar Days
21 Day County Review	
100% Complete Plans Submittal	<i>485</i> Calendar Days
21 Day County Review	
Final Plans Submittal	<i>565</i> Calendar Days
21 Day County Review	

The COUNTY's design review period is twenty-one calendar days from the date of each milestone submittal. Any other delays beyond CONSULTANT'S control shall be documented in writing by the CONSULTANT and submitted to the COUNTY for consideration of a time extension.

Phase submittal reviews shall occur at the 30%, 60%, 90%, 100%, and Final phases. The CONSULTANT shall submit a draft of any special conditions with the 60% design review submittal and final versions at the 100% design review submittal. Bid quantities, opinion of probable construction cost, design documents, and QC documents shall be submitted with each phase. The requirements for each design review shall be as specified in the COUNTY'S Design Stage Submittal Checklist provided in Appendix A. The CONSULTANT shall continue its design work during the review periods. The CONSULTANT shall respond to the COUNTY design review comments in writing and by making corresponding revisions to the plans. Written responses and plans revisions are to be included with the next design review submittal. The CONSULTANT shall respond to regulatory agencies review comments in the same manner. Design revisions are to be completed by the CONSULTANT at no additional time and/or cost unless the revisions result from the COUNTY making changes to the horizontal or vertical alignment or other changes of similar impact to the project design. In such cases, the COUNTY shall evaluate the CONSULTANT'S request for additional time and/or compensation. The COUNTY may require the CONSULTANT to make plans revisions and resubmit the plans at the same phase of completion if it is found that the plans do not meet the requirements of the Design Stage Submittal Checklist, or the plans are found to contain multiple and significant errors and omissions. No additional time shall be allotted to the CONSULTANT schedule if a resubmittal is required.

ID	Task Mode	Task Name	Duration	Start	Finish	Actual Start	Actual Finish	Predicted Cost	
1	Design	Design	811 days	Fri 11/17/23	Fri 12/25/26	NA	NA	\$0.00	
2	Survey	Survey	263 days	Fri 11/17/23	Tue 11/19/24	NA	NA	\$0.00	
3	Hire Design Consultant	Hire Design Consultant	8 wks	Mon 11/25/24	Fri 1/17/25	NA	NA	\$0.00	
4	Design NTP	Design NTP	1 day	Mon 5/19/25	Mon 5/19/25	NA	NA	3	\$0.00
5	Consultant provides design schedule and QA/QC plan	Consultant provides design schedule and QA/QC plan	10 days	Tue 5/20/25	Mon 6/2/25	NA	NA	4	\$0.00
6	Data Discovery task	Data Discovery task	14 days	Tue 5/20/25	Fri 6/6/25	NA	NA	4	\$0.00
7	Environmental field work	Environmental field work	20 days	Mon 6/9/25	Fri 7/4/25	NA	NA	6	\$0.00
8	Geotechnical field work	Geotechnical field work	20 days	Mon 6/9/25	Fri 7/4/25	NA	NA	6	\$0.00
9	Utility Coordination	Utility Coordination	200 days	Mon 6/9/25	Fri 3/13/26	NA	NA	6	\$0.00
10	Permitting	Permitting	180 days	Mon 9/29/25	Fri 6/5/26	NA	NA	7.13	\$0.00
11	ROW Acquisition	ROW Acquisition	240 days	Fri 11/7/25	Thu 10/8/26	NA	NA	2.15	\$0.00
12	30% Submittal	30% Submittal	119 days	Mon 7/7/25	Thu 12/18/25	NA	NA	7	\$0.00
13	Prepare 30% Plans	Prepare 30% Plans	60 days	Mon 7/7/25	Fri 9/26/25	NA	NA	7.2	\$0.00
14	30% Plans QA/QC	30% Plans QA/QC	8 days	Mon 9/29/25	Wed 10/8/25	NA	NA	13	\$0.00
15	30% PPT Review & Revisions	30% PPT Review & Revisions	21 days	Thu 10/9/25	Thu 11/6/25	NA	NA	14	\$0.00
16	30% Consultant performance review	30% Consultant performance review	30 days	Fri 11/7/25	Thu 12/18/25	NA	NA	15	\$0.00
17	60% submittal	60% submittal	136 days	Fri 11/7/25	Fri 5/15/26	NA	NA	15	\$0.00
18	60% Design	60% Design	75 days	Fri 11/7/25	Thu 2/19/26	NA	NA	15	\$0.00
19	60% Design QA/QC	60% Design QA/QC	6 days	Fri 2/20/26	Fri 2/27/26	NA	NA	18	\$0.00
20	60% PPT Review & Revisions	60% PPT Review & Revisions	25 days	Mon 3/2/26	Fri 4/3/26	NA	NA	19	\$0.00
21	60% Consultant performance review	60% Consultant performance review	30 days	Mon 4/6/26	Fri 5/15/26	NA	NA	20	\$0.00
22	Public Outreach	Public Outreach	1 day	Mon 4/20/26	Mon 4/20/26	NA	NA	20F5+50.00	
23	90% submittal	90% submittal	105 days	Mon 4/6/26	Fri 8/28/26	NA	NA	20	\$0.00
24	90% Design	90% Design	30 days	Mon 4/6/26	Fri 5/15/26	NA	NA	20	\$0.00
25	90% PM Review of complete package	90% PM Review of complete package	21 days	Mon 5/18/26	Mon 6/15/26	NA	NA	24	\$0.00
26	90% PPT Review of complete package & Revisions	90% PPT Review of complete package & Revisions	24 days	Tue 6/16/26	Fri 7/17/26	NA	NA	25	\$0.00
27	90% Consultant performance review	90% Consultant performance review	30 days	Mon 7/20/26	Fri 8/28/26	NA	NA	26	\$0.00
28	100% submittal	100% submittal	90 days	Mon 7/20/26	Fri 11/20/26	NA	NA	26	\$0.00
29	100% Design	100% Design	35 days	Mon 7/20/26	Fri 9/4/26	NA	NA	26	\$0.00
30	100% Design QA/QC	100% Design QA/QC	5 days	Mon 9/7/26	Fri 9/11/26	NA	NA	29	\$0.00
31	100% PPT Review of complete package	100% PPT Review of complete package	20 days	Mon 9/14/26	Fri 10/9/26	NA	NA	30	\$0.00
32	100% Submit complete bid package to Contracts group	100% Submit complete bid package to Contracts group	10 days	Mon 10/12/26	Fri 10/23/26	NA	NA	31	\$0.00
33	100% Consultant performance review	100% Consultant performance review	30 days	Mon 10/12/26	Fri 11/20/26	NA	NA	31	\$0.00
34	Final	Final	45 days	Mon 10/26/26	Fri 12/25/26	NA	NA	32	\$0.00
35	Work with Contracts Section to compile/verify bid package	Work with Contracts Section to compile/verify bid package	30 days	Mon 10/26/26	Fri 12/4/26	NA	NA	32.11	\$0.00
36	2 - week review	Includes all items	14 days	Mon 12/7/26	Thu 12/24/26	NA	NA	35	\$0.00
37	EOR signs and seals plans and construction document	EOR signs and seals plans and construction document	1 day	Fri 12/25/26	Fri 12/25/26	NA	NA	36	\$0.00
38	Bidding	Bidding	172 days	Mon 12/28/26	Tue 8/24/27	NA	NA	37	\$0.00
39	Contracts Section submits complete package to Purchasing	Contracts Section submits complete package to Purchasing	3 days	Mon 12/28/26	Wed 12/30/26	NA	NA	37	\$0.00
40	Purchasing coordinates contract review	Purchasing coordinates contract review	90 days	Thu 12/31/26	Wed 5/5/27	NA	NA	39	\$0.00
41	Advertisement	Advertisement	30 days	Thu 5/6/27	Wed 6/16/27	NA	NA	40	\$0.00
42	Address Addendums	Address Addendums	2 days	Thu 5/6/27	Fri 5/7/27	NA	NA	40	\$0.00
43	Bid Opening	Bid Opening	7 days	Thu 6/17/27	Fri 6/25/27	NA	NA	41	\$0.00
44	Recommendation of Award	Recommendation of Award	7 days	Mon 6/28/27	Tue 7/6/27	NA	NA	43	\$0.00
45	Award memo review in Legistar	Award memo review in Legistar	20 days	Wed 7/7/27	Tue 8/3/27	NA	NA	44	\$0.00
46	Awaiting BCC meeting to review recommendation of award	Awaiting BCC meeting to review recommendation of award	14 days	Wed 8/4/27	Mon 8/23/27	NA	NA	45	\$0.00
47	Award	Award	1 day	Tue 8/24/27	Tue 8/24/27	NA	NA	46	\$0.00
48	Construction	Construction	421 days	Tue 8/24/27	Tue 4/3/29	NA	NA	\$0.00	
49	Pre-Construction Meeting & NTP	Pre-Construction Meeting & NTP	28 days	Tue 8/24/27	Thu 9/30/27	NA	NA	46	\$0.00
50	Construction	Construction	365 days	Fri 10/1/27	Thu 2/22/29	NA	NA	49	\$0.00
51	Final Walk-Through	Final Walk-Through	1 day	Fri 2/23/29	Fri 2/23/29	NA	NA	50	\$0.00
52	As-Built	As-Built	28 days	Fri 2/23/29	Tue 4/3/29	NA	NA	50	\$0.00
53	Project Closeout	Project Closeout	32 days	Wed 4/4/29	Thu 5/17/29	NA	NA	48	\$0.00
54	Final Consultant Performance Evaluation	Final Consultant Performance Evaluation	30 days	Wed 4/4/29	Tue 5/15/29	NA	NA	48	\$0.00
55	Records Management	Records Management	3 days	Fri 4/6/29	Fri 4/6/29	NA	NA	48	\$0.00
56	GIS	GIS	14 days	Wed 4/4/29	Mon 4/23/29	NA	NA	52	\$0.00
57	All invoices paid out	All invoices paid out	1 day	Wed 5/16/29	Wed 5/16/29	NA	NA	54	\$0.00
58	Project Closeout Form	Project Closeout Form	1 day	Thu 5/17/29	Thu 5/17/29	NA	NA	57	\$0.00
59	Retrospective	Retrospective	1 day	Wed 5/16/29	Wed 5/16/29	NA	NA	54	\$0.00
PID 000097A	Task	Summary		Inactive Milestone		Duration only	Start only		
62nd Avenue N Roadway Impro	Split	Project Summary		Inactive Summary		Manual Summary Rollup	Finish-only		
Thu 5/22/25	Milestone	Inactive Task		Manual Task		Manual Summary	External Tasks		



62ND AVENUE NORTH FROM 49TH STREET
NORTH TO 34TH STREET NORTH (PID# 000097A)

62ND AVENUE NORTH ROADWAY IMPROVEMENTS (PID# 000097A)



ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT																	
Name of Project: 62nd Avenue North			Consultant Name: JMT														
County: Pinellas			Consultant No.: enter consultants proj. number														
FPN: PID 000097A			Date: 4/23/2025														
FAP No.:			Estimator: insert name														
Staff Classification	Total Staff Hours From "SH Firm" -	Principal Engineer	Chief Engineer	Senior Project Manager	Senior Engineer	Engineer	Engineer Intern	Chief Designer	Senior Engineering Technician	Senior Environmental Scientist	Environmental Scientist	Intern	Administrative Assistant		SH By	Salary Cost By Activity	Average Rate Per Task
													\$92.83	\$93.29			
Project Common and General Tasks	169	5	0	147	9	8	0	0	0	0	0	0	0	0	169	\$47,197.62	\$279.28
Roadway Analysis	1,613	0	81	161	565	323	403	81	0	0	0	0	0	0	1,614	\$298,596.67	\$185.62
Roadway Plans	765	0	0	77	191	153	306	38	0	0	0	0	0	0	765	\$129,497.07	\$169.28
Drainage Analysis	1,585	0	79	159	555	317	396	79	0	0	0	0	0	0	1,585	\$294,281.59	\$185.67
Drainage Plans	400	0	0	40	100	80	160	20	0	0	0	0	0	0	400	\$67,663.60	\$169.21
Permitting and Cultural	314	0	31	16	63	47	47	0	0	63	47	0	0	0	314	\$55,032.29	\$175.26
Environmental Analysis	236	0	12	12	24	12	23	0	0	94	59	0	0	0	236	\$39,077.16	\$165.58
Landscape Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Structural Summary	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Miscellaneous Structures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Structural Sign Calculations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Signing & Pavement Marking Analysis	302	0	15	15	76	90	15	76	15	0	0	0	0	0	302	\$54,190.69	\$179.44
Signing & Pavement Marking Plans	84	0	4	4	17	17	17	17	8	0	0	0	0	0	84	\$14,062.97	\$167.42
Signalization Analysis	209	0	11	10	52	64	10	52	10	0	0	0	0	0	209	\$37,524.56	\$179.54
Signalization Plans	54	0	3	3	11	11	10	11	5	0	0	0	0	0	54	\$9,182.80	\$170.05
Lighting Analysis	213	0	11	11	53	64	11	53	10	0	0	0	0	0	213	\$38,291.98	\$179.77
Lighting Plans	51	0	3	3	10	10	10	10	5	0	0	0	0	0	51	\$8,651.41	\$169.64
Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Contamination	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Public Outreach	56	0	0	14	14	14	14	14	0	0	0	0	0	0	56	\$10,960.46	\$195.72
Post Design	352	0	0	88	141	53	35	35	0	0	0	0	0	0	352	\$73,600.93	\$209.09
Total Staff Hours	6,403	5	250	760	1,881	1,263	1,457	472	53	157	106	0	0	0	6,404	\$1,178,831.80	\$184.08
Total Staff Cost		\$1,758.20	\$61,395.00	\$218,074.40	\$403,211.16	\$209,973.75	\$168,050.38	\$71,168.16	\$6,217.43	\$28,398.16	\$10,585.16	\$0.00	\$0.00			\$1,178,831.80	
Check = \$1,178,831.80																	
SALARY RELATED COSTS:																	
OVERHEAD: \$1,178,831.80																	
\$0.00																	
OPERATING MARGIN: 0%																	
\$0.00																	
FCOM (Facilities Capital Cost Money): 0.00%																	
\$0.00																	
EXPENSES: 0.00%																	
\$0.00																	
Survey (Field - if by Prime) 4-person crew days @ \$ - / day																	
\$0.00																	
SUBTOTAL ESTIMATED FEE: \$1,178,831.80																	
\$30,375.00																	
Subconsultant: Dark Moss																	
\$30,900.73																	
Subconsultant: ACS																	
\$163,256.71																	
Subconsultant: Tierra																	
\$30,122.84																	
Subconsultant: Valerin																	
\$1,433,487.08																	
SUBTOTAL ESTIMATED FEE:																	
Contingency Fee (10%) \$143,348.71																	
\$1,576,835.79																	
SUBTOTAL ESTIMATED FEE:																	
Estimated Reimbursable Expenses \$2,840.84																	
\$1,579,676.63																	
GRAND TOTAL ESTIMATED FEE:																	

Survey Field Days by Subconsultant
4 - Person Crew:

SALARY RELATED COSTS:

OVERHEAD: \$1,178,831.80

0%

OPERATING MARGIN: \$0.00

0%

FCOM (Facilities Capital Cost Money): \$0.00

0.00%

EXPENSES: \$0.00

0.00%

Survey (Field - if by Prime) 4-person crew days @ \$ - / day

\$0.00

SUBTOTAL ESTIMATED FEE: \$1,178,831.80

\$30,375.00

Subconsultant: Dark Moss

\$30,900.73

Subconsultant: ACS

\$163,256.71

Subconsultant: Tierra

\$30,122.84

Subconsultant: Valerin

\$1,433,487.08

SUBTOTAL ESTIMATED FEE:

Contingency Fee (10%) \$143,348.71

\$1,576,835.79

SUBTOTAL ESTIMATED FEE:

Estimated Reimbursable Expenses \$2,840.84

\$1,579,676.63

GRAND TOTAL ESTIMATED FEE:

Notes:
1. This sheet to be used by Prime Consultant to calculate the Grand Total fee.
2. Manually enter fee from each subconsultant. Unused subconsultant rows may be hidden.

ESTIMATE OF WORK EFFORT AND COST - SUBCONSULTANT

Name of Project:62nd Avenue North
County:Pinellas
FPN:PID 000097A
FAP No.:54321

Consultant Name: Dark Moss
Consultant No.:
Date: 4/23/2025
Estimator:

Staff Classification	Total Staff Hours From "SH Summary Firm"	Project Arborist	TRAQ Arborist	Principal	Landscape Architect	Certified Planner	Design Staff II	Inventory Technician	Staff Classification 8	Staff Classification 9	Staff Classification 10	Staff Classification 11	Staff Classification 12	SH By Activity	Salary Cost By Activity	Average Rate Per Task
		\$225.00	\$205.00	\$315.00	\$225.00	\$225.00	\$110.00	\$115.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			
Project Common and General Tasks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Roadway Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Drainage Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Drainage Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Permitting and Cultural	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Environmental Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Landscape Analysis	135	81	0	0	54	0	0	0	0	0	0	0	0	135	\$30,375.00	\$225.00
Structural Summary	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Miscellaneous Structures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Structural Sign Calculations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Signing & Pavement Marking Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Contamination	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Public Outreach	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Post Design	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Total Staff Hours	135	81	0	0	54	0	0	0	0	0	0	0	0	135	\$30,375.00	\$225.00
Total Staff Cost		\$18,225.00	\$0.00	\$0.00	\$12,150.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$30,375.00	\$225.00

SALARY RELATED COSTS:		Check = \$30,375.00	
OVERHEAD:			\$30,375.00
OPERATING MARGIN:		0%	\$0.00
FCCM (Facilities Capital Cost Money):		0.00%	\$0.00
EXPENSES:		0.00%	\$0.00
SUBTOTAL ESTIMATED FEE:			\$30,375.00
Survey (Field)	0	4-person crew	/ day
Geotechnical Field and Lab Testing			\$0.00
SUBTOTAL ESTIMATED FEE:			\$30,375.00
Optional Services			\$0.00
GRAND TOTAL ESTIMATED FEE:			\$30,375.00

Notes:
1. This sheet to be used by Subconsultant to calculate its fee.

ESTIMATE OF WORK EFFORT AND COST - SUBCONSULTANT

Name of Project: 62nd Avenue North
County: Pinellas
FPN: PID 000097A
FAP No.: 54321

Consultant Name: Tierra
Consultant No.:
Date: 4/23/2025
Estimator:

Staff Classification	Total Staff Hours From SH Summary Firm	Chief Engineer 2	Chief Scientist	Engineer 1	Engineer 2	Engineering Intern	Engineering Technician	Principal Engineer	Secretary/Clerical	Senior Designer	Senior Engineer 1	Senior Engineering Technician	Senior Scientist	SH By Activity	Salary Cost By Activity	Average Rate Per Task
		\$237.75	\$202.59	\$154.74	\$194.15	\$130.83	\$96.56	\$251.83	\$119.97	\$149.23	\$230.73	\$128.75	\$164.60			
Project Common and General Tasks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Roadway Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Drainage Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Drainage Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Permitting and Cultural	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Environmental Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Landscape Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Structural Summary	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Miscellaneous Structures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Structural Sign Calculations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Signing & Pavement Marking Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Geotechnical	400	8	0	40	80	64	40	8	20	40	60	40	0	400	\$65,236.16	\$163.09
Contamination	224	0	56	0	0	0	23	0	4	7	0	22	112	224	\$36,357.55	\$162.31
Public Outreach	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Post Design	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Total Staff Hours	624	8	56	40	80	64	63	8	24	47	60	62	112	624		
Total Staff Cost		\$1,902.00	\$11,344.48	\$6,189.60	\$15,552.00	\$8,373.12	\$6,083.28	\$2,014.64	\$2,879.28	\$7,013.81	\$13,843.80	\$7,982.50	\$18,435.20		\$101,593.71	\$162.81

SALARY RELATED COSTS:		Check = \$101,593.71	
OVERHEAD:			\$101,593.71
OPERATING MARGIN:		0%	\$0.00
FCCM (Facilities Capital Cost Money):		0.00%	\$0.00
EXPENSES:		0.00%	\$0.00
SUBTOTAL ESTIMATED FEE:			\$101,593.71
Contamination Field and Lab Testing			\$1,590.00
Geotechnical Field and Lab Testing			\$60,073.00
SUBTOTAL ESTIMATED FEE:			\$163,256.71
Optional Services			\$0.00
GRAND TOTAL ESTIMATED FEE:			\$163,256.71

Notes:
1. This sheet to be used by Subconsultant to calculate its fee.

ESTIMATE OF WORK EFFORT AND COST - SUBCONSULTANT

Name of Project: 62nd Avenue North
County: Pinellas
FPN: PID 000097A
FAP No.: 54321

Consultant Name: AC Structural
Consultant No.:
Date: 4/23/2025
Estimator:

Staff Classification	Total Staff Hours From "SH Summary Form"	Chief Engineer 2	Senior Engineer 1	Engineer 2	Engineering Intern	Staff Classification 5	Staff Classification 6	Staff Classification 7	Staff Classification 8	Staff Classification 9	Staff Classification 10	Staff Classification 11	Staff Classification 12	SH By Activity	Salary Cost By Activity	Average Rate Per Task
		\$2,999.02	\$2,379.91	\$2,074.40	\$1,119.22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Activity		
Project Common and General Tasks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Roadway Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Drainage Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Drainage Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Permitting and Cultural	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Environmental Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Landscape Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Structural Summary	49	5	39	0	5	0	0	0	0	0	0	0	0	49	\$1,369.69	\$232.03
Miscellaneous Structures	76	8	49	0	19	0	0	0	0	0	0	0	0	76	\$16,314.93	\$214.67
Structural Sign Calculations	15	2	9	0	4	0	0	0	0	0	0	0	0	15	\$3,216.11	\$214.41
Signing & Pavement Marking Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Contamination	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Public Outreach	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Post Design	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Total Staff Hours	140	15	97	0	28	0	0	0	0	0	0	0	0	140	\$30,900.73	\$220.72
Total Staff Cost		\$4,485.30	\$23,077.27	\$0.00	\$3,338.16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$30,900.73	

SALARY RELATED COSTS:		Check = \$30,900.73	
OVERHEAD:			\$30,900.73
OPERATING MARGIN:		0%	\$0.00
FCCM (Facilities Capital Cost Money):		0.00%	\$0.00
EXPENSES:		0.00%	\$0.00
SUBTOTAL ESTIMATED FEE:			\$30,900.73
Survey (Field)	0	4-person crew	/ day
Geotechnical Field and Lab Testing			\$0.00
SUBTOTAL ESTIMATED FEE:			\$30,900.73
Optional Services			\$0.00
GRAND TOTAL ESTIMATED FEE:			\$30,900.73

Notes:
1. This sheet to be used by Subconsultant to calculate its fee.

ESTIMATE OF WORK EFFORT AND COST - SUBCONSULTANT

Name of Project: 62nd Avenue North
County: Pinellas
FPN: PID 000097A
FAP No.: 54321

Consultant Name: Valerin
Consultant No.:
Date: 4/23/2025
Estimator:

Staff Classification	Total Staff Hours From "SH Summary Form"	Community Outreach	Graphic Designer	Multimedia Specialist	Staff Classification 4	Staff Classification 5	Staff Classification 6	Staff Classification 7	Staff Classification 8	Staff Classification 9	Staff Classification 10	Staff Classification 11	Staff Classification 12		SH By Activity	Salary Cost By Activity	Average Rate Per Task
													\$0.00	\$0.00			
Project Common and General Tasks	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0	0	0	\$0.00	#DIV/0!
Roadway Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Drainage Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Drainage Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Permitting and Cultural	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Environmental Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Landscape Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Structural Summary	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Miscellaneous Structures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Structural Sign Calculations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Signing & Pavement Marking Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Contamination	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Public Outreach	202	141	41	20	0	0	0	0	0	0	0	0	0	0	202	\$27,282.00	\$135.06
Post Design	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	#DIV/0!
Total Staff Hours	202	141	41	20	0	0	0	0	0	0	0	0	0	0	202	\$27,282.00	\$135.06
Total Staff Cost		\$19,740.00	\$5,002.00	\$2,540.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$27,282.00	\$135.06

SALARY RELATED COSTS:		Check = \$27,282.00	
OVERHEAD:			\$27,282.00
OPERATING MARGIN:		0%	\$0.00
FCCM (Facilities Capital Cost Money):		0.00%	\$0.00
EXPENSES:		0.00%	\$0.00
SUBTOTAL ESTIMATED FEE:			\$27,282.00
Survey (Field)	0	4-person crew \$	/ day
Geotechnical Field and Lab Testing			\$0.00
SUBTOTAL ESTIMATED FEE:			\$27,282.00
Estimated Reimbursable Expenses			\$2,840.84
GRAND TOTAL ESTIMATED FEE:			\$30,122.84

Notes:

1. This sheet to be used by Subconsultant to calculate its fee.

ESTIMATE OF WORK EFFORT FOR TECHNICAL PROPOSALS - FIRM TOTAL

Financial Project Number: PID 000097A

Project Name: 62nd Avenue North

FAP Number: 54321

Date: 4/23/2025

Name of Consultant: JMT

WORK ACTIVITY	Hours from "Summary" sheet	EMPLOYEE CLASSIFICATION												TOTAL STAFF HOURS		ON CADD	
		Principal Hours	Chief Engineer Hours	Senior Project Manager Hours	Senior Engineer Hours	Engineer Hours	Engineer Intern Hours	Chief Designer Hours	Senior Engineering Technician Hours	Senior Environmental Scientist Hours	Environmental Scientist Hours	Intern Hours	Administrative Assistant Hours	RANGE			
															PERCENT		
Project Common and General Tasks	Firm Total	Hours	5	0	147	9	8	0	0	0	0	0	0	0	169	186	
	1613	0	81	161	565	323	403	81	0	0	0	0	0	1614	1775		
	765	0	0	77	191	153	306	38	0	0	0	0	0	765	842		
	1585	0	79	159	555	317	396	79	0	0	0	0	0	1585	1744		
	400	0	0	40	100	80	160	20	0	0	0	0	0	400	440		
	314	0	31	16	63	47	47	0	0	63	47	0	0	314	345		
	236	0	12	12	24	12	23	0	0	94	59	0	0	236	260		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Miscellaneous Structures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	302	0	15	15	76	90	15	76	15	0	0	0	0	302	332		
	84	0	4	4	17	17	17	17	8	0	0	0	0	84	92		
	209	0	11	10	52	64	10	52	10	0	0	0	0	209	230		
	54	0	3	3	11	11	10	11	5	0	0	0	0	54	59		
	213	0	11	11	53	64	11	53	10	0	0	0	0	213	234		
	51	0	3	3	10	10	10	10	5	0	0	0	0	51	56		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Public Outreach	56	0	0	14	14	14	14	0	0	0	0	0	0	56	62		
	352	0	0	88	141	53	35	35	0	0	0	0	0	352	387		
	TOTALS	6,403	5	250	760	1,881	1,263	1,457	472	53	157	106	0	6,404	7,044		

1. This worksheet provides the distribution of a firm's total staff hours for a project.
2. Percentages for staff hour distribution by classification are entered below in rows 64 to 98 of this sheet.
3. Total Staff Hours (column O) may not match staff hours from Summary worksheet (column B) due to rounding. Staff hours calculated for employee classifications are to be adjusted so totals in columns B and O match.
4. Formulas under "Total Staff Hours Range" (columns O & P) may be adjusted to provide desired range.

Financial Project Number:	PID 000097A	Project Name:	62nd Avenue North
FAP Number:	54321	Date:	4/23/2025
		Name of Consultant:	JMT

Staff Hour Distribution Percentages - Firm Total													
Hours from Summary Sheet Firm Total	Principal	Chief Engineer	Senior Project Manager	Senior Engineer	Engineer	Engineer Intern	Chief Designer	Senior Engineering Technician	Senior Environmental Scientist	Environmental Scientist	Intern	Administrative Assistant	Total
Project Common and General Tasks	169	3.0%	0.0%	10.0%	35.0%	20.0%	5.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.00%
	1613	0.0%	5.0%	10.0%	35.0%	20.0%	25.0%	5.0%	0.0%	0.0%	0.0%	0.0%	100.00%
	765	0.0%	0.0%	10.0%	25.0%	20.0%	40.0%	5.0%	0.0%	0.0%	0.0%	0.0%	100.00%
	1585	0.0%	5.0%	10.0%	35.0%	20.0%	25.0%	5.0%	0.0%	0.0%	0.0%	0.0%	100.00%
Drainage Analysis	400	0.0%	0.0%	10.0%	25.0%	20.0%	40.0%	5.0%	0.0%	0.0%	0.0%	0.0%	100.00%
	314	0.0%	10.0%	5.0%	20.0%	15.0%	15.0%	0.0%	0.0%	15.0%	0.0%	0.0%	100.00%
	236	0.0%	5.0%	5.0%	10.0%	5.0%	10.0%	0.0%	0.0%	25.0%	0.0%	0.0%	100.00%
	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
Environmental Analysis	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
Structural Summary	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
	302	0.0%	5.0%	5.0%	25.0%	30.0%	5.0%	25.0%	5.0%	0.0%	0.0%	0.0%	100.00%
	84	0.0%	5.0%	5.0%	20.0%	20.0%	20.0%	20.0%	10.0%	0.0%	0.0%	0.0%	100.00%
Signing & Pavement Marking Plans	209	0.0%	5.0%	5.0%	25.0%	30.0%	5.0%	25.0%	5.0%	0.0%	0.0%	0.0%	100.00%
	54	0.0%	5.0%	5.0%	20.0%	20.0%	20.0%	20.0%	10.0%	0.0%	0.0%	0.0%	100.00%
	213	0.0%	5.0%	5.0%	25.0%	30.0%	5.0%	25.0%	5.0%	0.0%	0.0%	0.0%	100.00%
	51	0.0%	5.0%	5.0%	20.0%	20.0%	20.0%	20.0%	10.0%	0.0%	0.0%	0.0%	100.00%
Lighting Plans	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
Geotechnical Contamination	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%
	56	0.0%	0.0%	25.0%	25.0%	25.0%	25.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.00%
	352	0.0%	0.0%	25.0%	40.0%	15.0%	10.0%	10.0%	0.0%	0.0%	0.0%	0.0%	100.00%

ESTIMATE OF WORK EFFORT FOR TECHNICAL PROPOSALS - FIRM TOTAL

Financial Project Number:

PID 000097A

Project Name: 62nd Avenue North

FAP Number:

54321

Date:

4/23/2025

Name of Consultant: Dark Moss

WORK ACTIVITY	Hours from "Summary sheet" Firm Total Hours	EMPLOYEE CLASSIFICATION												TOTAL STAFF HOURS RANGE	ON CADD PERCENT
		Project Arborist	TRAQ Arborist	Principal	Landscape Architect	Certified Planner	Design Staff II	Inventry Technician	Staff Classi- fication 8	Staff Classi- fication 9	Staff Classi- fication 10	Staff Classi- fication 11	Staff Classi- fication 12		
		Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours		
Project Common and General Tasks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roadway Analysis	0														
Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drainage Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drainage Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Permitting and Cultural	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Environmental Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Landscape Analysis	135	81	0	0	54	0	0	0	0	0	0	0	0	135	149
Structural Summary	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous Structures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Structural Sign Calculations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Signing & Pavement Marking Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Contamination	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Outreach	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Post Design	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	135	81	0	0	54	0	0	0	0	0	0	0	0	135	149

ESTIMATE OF WORK EFFORT FOR TECHNICAL PROPOSALS - FIRM TOTAL

Financial Project Number: PID 000097A

Project Name: 62nd Avenue North

FAP Number: 54321

Date: 4/23/2025

Name of Consultant: Tierra

WORK ACTIVITY	Hours from "Summary" sheet Firm Total Hours	EMPLOYEE CLASSIFICATION												TOTAL STAFF HOURS		ON CADD
		Chief Engineer 2	Chief Scientist	Engineer 1	Engineer 2	Engineering Intern	Engineering Technician	Principal Engineer	Secretary/Ci erical	Senior Designer	Senior Engineer 1	Senior Engineering Technician	Senior Scientist	RANGE		
		Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours			
Project Common and General Tasks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	PERCENT
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Roadway Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Drainage Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Drainage Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Permitting and Cultural	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Environmental Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Landscape Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Structural Summary	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Miscellaneous Structures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Structural Sign Calculations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Signing & Pavement Marking Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Geotechnical	400	8	0	40	80	64	40	8	20	40	60	40	0	400	440	
Contamination	224	0	56	0	0	0	23	0	4	7	0	22	112	224	246	
Public Outreach	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Post Design	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTALS	624	8	56	40	80	64	63	8	24	47	60	62	112	624	686	

<u>Field Survey Estimate:</u>	
0	4-person crew days
FIRM TOTAL	
624	686

Notes:

1. This worksheet provides the distribution of a firm's total staff hours for a project.
2. Percentages for staff hour distribution by classification are entered below in rows 64 to 98 of this sheet.
3. Total Staff Hours (column O) may not match staff hours from Summary worksheet (column B) due to rounding. Staff hours calculated for employee classifications are to be adjusted so totals in columns B and O match.
4. Formulas under "Total Staff Hours Range" (columns O & P) may be adjusted to provide desired range.

ESTIMATE OF WORK EFFORT FOR TECHNICAL PROPOSALS - FIRM TOTAL

Financial Project Number:	PID 000097A	Project Name	62nd Avenue North
FAP Number:	54321	Date:	4/23/2025
		Name of Consultant:	Tierra

[illegible]

ESTIMATE OF WORK EFFORT FOR TECHNICAL PROPOSALS - FIRM TOTAL

Financial Project Number:

PID 000097A

Project Name: 62nd Avenue North

FAP Number:

54321

Date:

4/23/2025

Name of Consultant: AC Structural

WORK ACTIVITY	Hours from "Summary" sheet Firm Total Hours	EMPLOYEE CLASSIFICATION												TOTAL STAFF HOURS		ON CADD
		Chief Engineer 2 Hours	Senior Engineer 1 Hours	Engineer 2 Hours	Engineering Intern Hours	Staff Classi- fication 5 Hours	Staff Classi- fication 6 Hours	Staff Classi- fication 7 Hours	Staff Classi- fication 8 Hours	Staff Classi- fication 9 Hours	Staff Classi- fication 10 Hours	Staff Classi- fication 11 Hours	Staff Classi- fication 12 Hours	RANGE		
															PERCENT	
Project Common and General Tasks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Roadway Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Drainage Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Drainage Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Permitting and Cultural	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Environmental Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Landscape Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Landscape Summary	48.5	5	39	0	5	0	0	0	0	0	0	0	0	49	54	
Miscellaneous Structures	76	8	49	0	19	0	0	0	0	0	0	0	0	76	84	
Structural Sign Calculations	15	2	9	0	4	0	0	0	0	0	0	0	0	15	17	
Signing & Pavement Marking Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Contamination	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Public Outreach	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Post Design	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTALS	140	15	97	0	28	0	0	0	0	0	0	0	0	140	155	

1. This worksheet provides the distribution of a firm's total staff hours for a project.
2. Percentages for staff hour distribution by classification are entered below in rows 64 to 98 of this sheet.
3. Total Staff Hours (column O) may not match staff hours from Summary worksheet (column B) due to rounding. Staff hours calculated for employee classifications are to be adjusted so totals in columns B and O match.
4. Formulas under "Total Staff Hours Range" (columns O & P) may be adjusted to provide desired range.

Financial Project Number:	PID 000097A	Project Name: 62nd Avenue North
FAP Number:	54321	Date: 4/23/2025
		Name of Consultant: AC Structural

[illegible]

Name of Consultant: Valerin

[illegible]

0 4-person crew days

1. This worksheet provides the distribution of a firm's total staff hours for a project.

2. Percentages for staff hour distribution by classification are entered below in rows 64 to 98 of this sheet.

3. Total Staff Hours (column O) may not match staff hours from Summary worksheet (column B) due to rounding. Staff hours calculated for employee classifications are to be adjusted so totals in columns B and O match.

4. Formulas under "Total Staff Hours Range" (columns O & P) may be adjusted to provide desired range.

Financial Project Number:	PID 000097A	Project Name: 62nd Avenue North
FAP Number:	54321	Date: 4/23/2025
		Name of Consultant: Valerín

[illegible]

1. General Tasks

Estimator:

62nd Avenue North
PID 000097A

Representing		Print Name		Signature / Date	
Pinellas County					
JMT					
Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
Specifications Package Preparation	LS	1	12	12	Review County specs, create TSP's as needed
Contract Maintenance and Project Documentation	LS	1	80	80	8 hours set up, 3 hours per month for 24 months
Prime Consultant Project Manager Meetings	LS	1	37	37	See listing below
Railroad, Transit, and/or Airport Coordination	LS	1	40	40	Coordination as noted in the scope, includes CSX
1. General Tasks Total				169	
List of Project Manager Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments
Roadway Analysis	EA	4	1	4	
Drainage	EA	3	1	3	
Signalization	EA	2	1	2	
Progress Meetings	EA	24	1	24	Monthly progress meeting, includes minutes
Field Reviews	EA	1	4	4	
Total Project Manager Meetings		34		37	Total PM Meeting Hours carries to above

Estimator: 62nd Avenue North PID 000097A									
Representing	Print Name			Signature / Date					
Pinellas County									
JMT									
Task	Project Parameter			Staff Hours			Documentation		
	Description	Units	Complexity	Calculated	Consultant	Negotiated	Provide documentation when negotiated hours differ from the calculated hours.		
What is the overall project complexity? (See Roadway Guidelines)									
Typical Section Package	Cover	1		6	6	0	Cover		
	Typical	3	2Lane C & Multi-Lane FS	24	24	0	Mainline and one for each end of the project.		
	Report & Assembly	1	Upper	40	32	0	32 hours for Mid complexity typical section report.		
Pavement Design Package	Pavt Designs	1	Travel/Aux. Lanes	8	8	0	Mainline / widening		
	Pavt Designs	2	Other Roads & Shoulders	8	8	0	Side roads and Milling and resurfacing		
	Monitor Exist. Structures	1	Upper	12	12	0	Work will be close to some structures (46th street intersection)		
Design Analysis	Access Management	1.54	Upper	16	16	0	10 Hours per mile for upper level complexity. 10 X 1.54 = 16 hours.		
	Other Reports			0	24	0	This is "Design Report" and will include the Design Criteria Table and any design decisions		
Design Variations and Exceptions	Variation Memo	0		0	0	0			
	Formal Variation	0		0	0	0			
	Design Exception	0		0	0	0			
	LS	1	Upper	50	50	0	50 hours LS for upper complexity.		
Master Design File Setup & Maintenance, Model Management Plan	Mainline	1.54	Upper	401	401	0	1.54 miles with upper complexity. 260 per mile X 1.54 = 401 hours		
	Mainline	1.54	Upper	201	201	0	Based on 130 hours per mile for upper complexity = 130 X 1.54 = 201		
3D Modeling Development	LS	1	Upper	100	100	0	LS 100 hours for upper level perfect complexity		
TTCP Master Design Files	Length (Phase-Miles)	4.32	Upper	173	173	0	.3 miles for phase 1, 1.24 for phase 2, 1.24 for phase 3 and 1.54 for phase 4		
	Pedestrian	1	Standard	32	32	0	32 hours for standard complexity pedestrian TTCP plans.		
TTCP 3D Modeling (Isolated Locations)	Locations	6	Upper	96	96	0	2 for both ends of the project, and 4 for temporary drainage locations along the project.		
Utility Data Collection & Analysis	LS	1	Upper	18	18	0	18 hours LS upper level complexity.		
Roadway Quantities for EQ Report	Length (Miles)	1.54	Upper	22	22	0	14 hours per mile. 14 X 1.54 = 22 hours for upper complexity project.		
	Validation	1	Upper	44	44	0	LS 44 hours for upper level complexity		
TTCP Quantities for EQ Report	Major Phases	4	Complex	48	48	0	12 hours per major phase for upper level complexity. 4 majore phases, 12 X 4 = 48 hours		
Cost Estimate	Engineer Estimate	4	Upper	56	56	0	14 hours per submittal for upper level complexity.		
Other Roadway Tasks	Other Analysis			0	15	0	Up to 10 RW exhibits, 1.5 hours each		

Roadway Analysis Technical Subtotal							1355	1386	0
Quality Assurance/Quality Control	LS	1	5%				68	70	0
	LS	1	5%				68	70	0
Supervision	Meetings	13					26	24	0
	Travel Time						0	0	0
Field Reviews (listed below)	LS						16	16	0
Roadway Analysis Non-Technical Subtotal							178	180	0
Coordination	LS	1	3%				46	47	0
4. Roadway Analysis Total							1579	1613	0

Estimator: 62nd Avenue North
PID 000097A

Representing	Print Name			Signature / Date		
Pinellas County						
JMT						
Task	Project Parameter			Staff Hours		Documentation
	Description	Units	Complexity	Calculated	Consultant	
What is the overall project complexity? (See Roadway Guidelines)						
Key Sheet		1	Upper	4	4	0 1 sheet
Signature Sheet		1		2	2	0 1 sheet
Typical Section Sheets	Typical Sections w/ CADD	3		12	12	0 3 typical sections, mainline and one for each end.
	Partial Sections	6		18	18	0 Widening, culvert area, CSX rail, guardrail, (gravity wall X 2) sidewalk and shared use path,
General Notes/Pay Item Notes		1		0	6	0
Project Layout/Model Management		1		6	6	0 Model will likely be split into sections.
Plan View (Plan Sheets)	Length (Miles)	1.54	Upper	50	50	0 32 hours per mile upper level projects = 32 X 1.54 = 50 hours.
Profile View (Plan/Profile Sheets)	Length (Miles)	1.54	Curbed	33	33	0 21 hours per mile for curb roadways. 21 X 1.54 = 33 hours.
Special Profiles	Driveway Curb Return	18		36	36	0 18 major driveways. 2 hours per driveway = 2 X 18 = 36 hours
	Intersection RR Xing	15		60	60	0 1 RR, 14 side roads / major entrances, 4 hours per side road / RR = 15 X 4 = 60 hours.
Sidewalk Profiles	Length (Miles)	2.48	Complex	139	139	0 .3 for one side of both ends of project and 1.24 X 2 For both sidewalk and multi-use path on mainline.
Details	Special	4		40	40	0 10 hours per special detail (2 median details for RRFB / 1 median detail for standard median) and Railroad special detail. 4X10 = 40 hours.
Soil Survey Sheets		1		2	2	0 1 sheet
Cross Sections	Alignments	1		4	82	0 Based on .5 hours per cross sections at 50 feet. 163 section X .5 hours = 82 hours
Temporary Traffic Control Plan	TTC Notes	1		4	4	0 4 hours for notes.
	Length (Miles)	1.54	Upper	44	44	0 28 hours for upper complexity per mile = 28 X 1.54 = 44 hours.
	Critical Cross Sections	12		48	48	0 4 hours per critical cross section. sections at RR (1), Culvert (1), temporary drainage (10), 12 X 4 hours = 48 hours.
	TTC Details	6		48	48	0 8 hours per detail. Driveways and temporary drainage during phases. 8X6 = 48 hours.
Utility Adjustment Sheets	Length (Miles)	1.54	Complex	47	47	0 30 hours per mile for upper complexity = 30 X 1.54 = 47 hours.
Project Control Sheets		1		4	4	0 1 sheet
Utility Verification Data (SUE)		1			6	0
		1		4	4	0 1 sheet
Roadway Plans Technical Hours Subtotal				605	695	0
Quality Assurance/Quality Control	%	1	5%	31	35	0
Supervision	%	1	5%	31	35	0
Roadway Plans Total				667	765	0

Estimator: 62nd Avenue North
PID 000097A

Representing	Print Name	Signature / Date					
Pinellas County							
JMT							
Task	Project Parameter			Staff Hours			Documentation
	Description	Units	Complexity	Calculated	Consultant	Negotiated	
Base Clearance Analysis	Locations	4	Standard	32	24	0	New profile and reconstruction, floodplain, high water table, cross drains
	Report	1	Standard	24	24	0	Tech memo with recommended min PGL
Hydroplaning Analysis	LS	1	Standard	24	24	0	Typical sections and critical locations
Existing Permit Analysis	LS	1	Complex	20	20	0	Many permits adjacent to right of way, off-site areas, comingling, potential regional facilities.
Utility Conflict Matrix (for drainage structures)	LS	1	Complex	16	16	0	Closed drainage system, roadway widening in highly urbanized area
Noise Barrier Drainage Analysis	Wall Length (Miles)	0.00		0	0	0	N/A
Temporary Drainage Analysis	LS	1	Complex	40	40	0	Maintain positive flow and safe driving conditions for all TTC phases of construction
Pond Siting Analysis and Report	Basins	2	Complex	120	100	0	Three alternatives per basin within highly urbanized area. Environmental considerations and potential joint use and/or regional facilities. Include consideration of the new Clean Waterways Act Stormwater Rule and Green Stormwater Infrastructure in the alternatives evaluation.
	Report	1	Complex	16	16	0	Report alternatives and recommendations
Design of Minor Cross Drains	Cross Drains	2	Standard	18	18	0	Evaluations for culvert extensions
Design of Ditches and Side Drains	Ditches (Miles)	1.00	Complex	26	26	0	Many short surface conveyance ditches within constrained right of way to direct runoff into closed system
Design of Stormwater Management Facility	Ponds	3	Complex	300	240	0	Anticipate three treatment/attenuation facilities with potential for interconnected pre treatment facilities to meet the new Clean Waterways Act Stormwater Rule. Incorporate Green Stormwater Infrastructure such as bioswales, and treeboxes.
Design of Floodplain Compensation	Basins	3	Complex	204	204	0	Floodplain area within RW at three locations. Update current watershed model for site specific existing conditions and submit for approval. Create proposed conditions watershed model to establish encroachments. Revise model for compensation alternatives. Potential compensation areas downstream of encroachment locations requiring surface profiles to ensure no adverse impacts. Analysis includes evaluation of designated floodway and potential no-rise certification.
Design of Storm Drains	Drainage Structures	135	Standard	473	405	0	Estimate 135 structures based on 3 hours per structure for highly urbanized area with many utilities, offsite drainage areas, offsite treatment facilities and connections to existing systems
Optional Culvert Material	Non-Standard Structures	3		9	9	0	Non-standard structures associated with connection to offsite facilities
	Drainage Pipes	135	Simple	23	23	0	Similar soil parameters along corridor
Stormwater Runoff Control Concept	Length (Miles)	1.54	Standard	7	7	0	Erosion control plan and quantities
Drainage Design Documentation Report	Report	1	Complex	80	80	0	Full drainage documentation for submittal to Pinellas County and regulatory agencies for permit approval.
	Exhibits	4		32	32	0	Anticipate four additional exhibits for permit or visual representation of drainage design
Drainage Quantities for EQ Report	LS	1	Standard	30	30	0	

Provide documentation when negotiated hours differ from the calculated hours.

New profile and reconstruction, floodplain, high water table, cross drains

Tech memo with recommended min PGL

Typical sections and critical locations

Many permits adjacent to right of way, off-site areas, coningling, potential regional facilities.

Closed drainage system, roadway widening in highly urbanized area

N/A

Maintain positive flow and safe driving conditions for all TTC phases of construction

Three alternatives per basin within highly urbanized area. Environmental considerations and potential joint use and/or regional facilities. Include consideration of the new Clean Waterways Act Stormwater Rule and Green Stormwater Infrastructure in the alternatives evaluation.

Report alternatives and recommendations

Evaluations for culvert extensions

Many short surface conveyance ditches within constrained right of way to direct runoff into closed system

Anticipate three treatment/attenuation facilities with potential for interconnected pre treatment facilities to meet the new Clean Waterways Act Stormwater Rule. Incorporate Green Stormwater Infrastructure such as bioswales, and treeboxes.

Floodplain area within RW at three locations. Update current watershed model for site specific existing conditions and submit for approval. Create proposed conditions watershed model to establish encroachments. Revise model for compensation alternatives. Potential compensation areas downstream of encroachment locations requiring surface profiles to ensure no adverse impacts. Analysis includes evaluation of designated floodway and potential no-rise certification.

Estimate 135 structures based on 3 hours per structure for highly urbanized area with many utilities, offsite drainage areas, offsite treatment facilities and connections to existing systems

Non-standard structures associated with connection to offsite facilities

Similar soil parameters along corridor

Erosion control plan and quantities

Full drainage documentation for submittal to Pinellas County and regulatory agencies for permit approval.

Anticipate four additional exhibits for permit or visual representation of drainage design

4. Drainage Analysis

Cost Estimate	Engineer Estimate	4	Standard	20	20	60/90/100/Final
	Drainage Analysis Technical Subtotal			1514	1358	0
Quality Assurance/Quality Control	LS	1	5%	76	68	0
Supervision	LS	1	5%	76	68	0
Drainage Meetings (listed below)	Meetings	14		28	28	0
	Travel Time			0	0	0
Field Reviews (listed below)	LS			16	16	0
Drainage Analysis Non-Technical Subtotal				196	180	0
Coordination	%	1	3%	52	47	0
Drainage Analysis Total				1762	1585	0

Carries to Summary Tab

Technical Meetings	# Meetings Designer	Travel Time (Hours)	# Meetings PM	Documentation
Base Clearance Water Elevation	1	0	0	
Pond Siting	1	0	1	
Agency	2	0	0	WMD, PPWMD
Local Governments (cities, counties)	4	0	2	Phellas Drainage and Floodplain
FDOT Drainage	0	0	0	
Utility Coordination	2	0	0	
Other Meetings	0	0	0	
Subtotal Technical Meetings	10	0	3	
Progress Meetings (if required by FDOT)	0	0		
Phase Review Meetings	4	0		
Total Drainage Meetings	14	0		

Field Reviews	# of Staff	Site Time (per staff)	Travel Time (per staff)	Total Hours
Field Review #1	2	2	2	8
Field Review #2	2	2	2	8
Field Review #3	0	0	0	0
Field Review #4	0	0	0	0
Plans-in-hand Field Review	0	0	0	0
Total Field Review Hours				16

5. Drainage Plans

Estimator: 62nd Avenue North PID 000097A									
Representing		Print Name			Signature / Date				
Pinellas County									
JMT									
Task	Project Parameter			Staff Hours			Documentation		
	Description	Units	Complexity	Calculated	Consultant	Negotiated	Provide documentation when negotiated hours differ from the calculated hours.		
	Length (Miles)	1.54	Complex	62	62	0			
	Drainage Structures	135		147	147	0			
Drainage Structures	Details	3		9	9	0			
Retention/Detention/Floodplain Compensation Ponds	Ponds	6	Complex	192	144	0	Pond detail sheets - 3 FPC and 3 Pond Sites - Standard Level		
Drainage Plans Technical Subtotal				410	362	0			
Quality Assurance/Quality Control	%	1	5%	21	19	0			
Supervision	%	1	5%	21	19	0			
Drainage Plans Total				452	400	0			

62nd Avenue North
PID 00097A

Representing	Print Name	Signature / Date
Pinellas County		
JMT		

Task	Units	No. of Units	Hours/ Units	Total Hours	Comments
Environmental Permits and Environmental Clearances					
Preliminary Project Research	LS	1	14	14	Desktop analysis from PD&E studies, county, local agencies, WMD, USACE, USCG, etc. Research existing permits, conservation easement title restrictions, and SSL determination. Preliminary field review of up to four pond sites.
Permits					
Field Work					
Pond Site Alternatives	per pond site	6	2	12	Desktop review and preliminary field review for each pond site alternative for suitability (3 SMF and 3 FPC).
Establish Wetland Jurisdictional Lines and Assessments	LS	1	24	24	Ditches, swales, and crossing; Pond SHW limits. Any wetlands at pond sites. Includes dGPS locations.
Species Surveys	LS	1	18	18	Gopher tortoise only; corridor and pond/FPC sites. Adequate for preparation of burrow relocation permit.
Agency Verification of Wetland Data	LS	1	4	4	Includes WMD only.
Complete And Submit All Required Permit Applications					
Complete and Submit All Required Wetland Permit Applications	LS	1	146	146	CWA Section 401 and 404, including UMAM evaluations, RAI responses. Project location map, aerials, pictures, additional technical analysis, etc., and cover letter with project description as well as completion of applicable forms. All responses and completed applications must be approved by the County Permit Coordinator.
Complete and Submit All Required Species Permit Applications	LS	1	20	20	GT burrow removal only, includes mitigation bank coordination
Coordinate and Review Dredge and Fill Sketches	LS	1	12	12	coordination and review of dredge and fill sketches for temporary, secondary, and permanent impacts and wetland protection plans and features
Complete and Submit Documentation for Coordination and/or USCG Bridge Permit Application					
Mitigation Coordination and Meetings	LS	1	20	20	Multi-agency coordination, including meetings, finalization of the wetland functional assessment, coordination for mitigation banks credit, as required. Does not include cumulative assessment.
Environmental Permits and Environmental Clearances/Reevaluations Technical Subtotal				270	

7. Permitting and Cultural

Task	Units	No. of Units	Hours/ Units	Total Hours	Comments
Technical Meetings	LS	1	7	7	Meetings are listed below
Quality Assurance/Quality Control	LS	%	5%	14	
Supervision	LS	%	5%	14	
Environmental Permits and Environmental Clearances Nontechnical Subtotal				35	
Coordination	LS	%	3%	9	Pinellas County coordination
8. Environmental Permits and Environmental Clearances Total				314	

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments	PM Attendance at Meeting Required?	Number
WMD	EA	4	1	4	401 permit		0
NMFS	EA	0	0	0			0
USACE	EA	2	1	2	404 permit		0
USCG	EA	0	0	0			0
USFWS	EA	0	0	0			0
FFW/CC	EA	0	0	0			0
FDOT	EA	1	1	1	permitting/document review		0
Other Meetings	EA	0	0	0			0
Subtotal Technical Meetings				7	Subtotal Project Manager Meetings		0

8. Env. Permits and Clearances

62nd Avenue North
PID 000097A

Representing	Print Name	Signature / Date
Pinellas County		
JMT		

Task	Units	No. of Units	Hours/Units	Total Hours	Comments
Permits					
Preparation of Environmental Clearances and Reevaluations (use when consultant prepares all documents associated with reevaluation)					
NEPA or SEIR Reevaluation	LS	1	40	40	CE Type 1 document (not including work indicated on other lines); Sociocultural, Water Resources, Floodplain Encroachment, Special Designations, Wildlife and Habitat Impact Analysis, Noise, Air Quality assessments; coordination with county environmental staff and DOT
Archaeological and Historical Resources	LS	1	140	140	Not more than 30 architectural resources to be evaluated; assumed that, due to developed nature of project area, no shovel test pits will be excavated within the project area; assumed that a CRAS will be sufficient to obtain FL DHR concurrence, and no mitigation is required. 4 hours per location, 4 hours to fill out the FL survey form (required for all CR projects submitted to FL SHPO) and 16 hours to complete the
Section 4(f), 6(f), and ARC	LS	1	10	10	Analyze the impacts to Section 4(f), 6(f), and Acquisition and Restoration Council (ARC) resources caused by the changes to the project and prepare necessary documentation
Wetland Impact Analysis	LS	1	4	4	Primarily handled above; will include summation/transcribed information and formatted figures
Essential Fish Habitat Impact Analysis	LS	1	0	0	n/a
Protected Species and Habitat Impact Analysis	LS	1	14	14	
Environmental Permits and Environmental Clearances/Reevaluations Technical Subtotal				208	
Technical Meetings	LS	1	1	1	permitting/document review
Quality Assurance/Quality Control	LS	%	5%	10	
Supervision	LS	%	5%	10	
Environmental Permits and Environmental Clearances Nontechnical Subtotal				21	
Coordination	LS	%	3%	7	Pinellas County coordination
8. Environmental Permits and Environmental Clearances Total				236	

Estimator:										62nd Avenue North PID 000097A	
Representing		Print Name				Signature / Date					
Pinellas County											
Dark Moss											
Task		Project Parameter			Staff Hours			Documentation			
		Description	Units	Complexity	Calculated	Consultant	Negotiated				
What is the complexity of the planting plan? (See Landscape Guidelines)					Mid			Provide documentation when negotiated hours differ from the calculated hours.			
Data Collection		LS	1	Simple	8	8	0				
Master Design File Setup (Base Files)		LS	1	Standard	28	28	0				
Site Inventory and Analysis		Length (Miles)	1.54	Mid	50	50	0	detailed local requirements, multiple impact and mitigation estimates			
		Area Projects Area (Acres)	12.75	Mid	26	26	0				
		Landscape Analysis Technical Subtotal			112	112	0				
Quality Assurance/Quality Control		LS	1	5%	6	6	0				
Supervision		LS	1	5%	6	6	0				
Landscape Meetings (listed below)		Meetings	2		4	4	0				
		Travel Time			3	3	0				
Field Reviews (listed below)		LS			0	0	0				
		Landscape Analysis Non-Technical Subtotal			19	19	0				
Coordination		LS	1	3%	4	4	0				
		Landscape Analysis Total			135	135	0				

Carries to Summary Tab

Technical Meetings		# Meetings Designer	Travel Time (Hours)	# Meetings PM	Documentation	
FDOT (kickoff, concept review)		0	0	0		
Maintaining Agency (cities, counties)		0	1	2		
Utility Owners		0	0	0		
Local Agency for Tree Removal		1	1	1		
Local Citizen Group(s)		1	1	1		
Other Meetings		0	0	0		
Subtotal Technical Meetings		2	3	4		
Progress Meetings (if required by FDOT)		0	0			
Phase Review Meetings		0	0			
Total Landscape Meetings		2	3			

Field Reviews		# of Staff	Site Time (per staff)	Travel Time (per staff)	Total Hours
Field Review #1		0	0	0	0
Field Review #2		0	0	0	0
Field Review #3		0	0	0	0
Field Review #4		0	0	0	0
Plans-in-hand Field Review		0	0	0	0
Total Field Review Hours					0

10. Structures Sum (ACS)

62nd Avenue North
PID 000097A

Representing	Print Name	Signature / Date
Pinellas County		
AC-Structural	Colin Campbell, P.E.	

Task	Units	Design and Production Staffhours				Comments
		No. of Units	Hours per Unit	No. of Sheets	Total	
General Drawings						
Key Sheet and Index of Drawings	Sheet	1	4	1	4	
General Notes and Bid Item Notes	Sheet	1	16	1	16	
Incorporate Report of Core Borings	Sheet	1	0.5	1	0.5	
Structures - Summary and Miscellaneous Tasks and				3	20.5	
	Task					Misc. Struct
Miscellaneous Structures	76					76
Structures Technical Subtotal	76	0	0	0	0	0
Task	Units	No. of Units	Hours per Unit	Total	Comments	
Field Reviews	LS	2	5	10		
Technical Meetings	LS	1	0	0	Meetings are listed below	
Quality Assurance/Quality Control	LS	%	5%	5		
Independent Peer Review	LS	1	0	0		
Supervision	LS	%	3%	3		
Structures Nontechnical Subtotal				18		
Coordination	LS	1	10	10	coordination w/ Geotech and Roadway for mast arms Coordination w/ Geotech, Roadway, Drainage, temporary MOT, permitting/wetland impacts for box culvert	
10. Structures - Summary and Miscellaneous Tasks and Drawings Nontechnical and Coordination Total				48.5		

62nd Avenue North
PID 000097A

Representing	Print Name	Signature / Date
Pinellas County		
AC-Structural	Colin Campbell, P.E.	

Task	Unit	No. of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments
Concrete Box Culvert						
Concrete Box Culverts Extensions	EA Extension	1	40		40	box culvert extension (one end only)
Concrete Box Culvert Data Table Plan Sheets	Sheet	1	6	1	6	
Mast Arms						
Mast Arms	EA Design	4	6		24	design 4 new mast arms for 62nd Ave North @ 49th Street North Intersection
Mast Arms Data Table Plan Sheets	Sheet	1	6	1	6	
Mast Arm Special Details Plan Sheets	Sheet	0	0	0	0	
Structures - Miscellaneous Total					2	76

10. Sign Calcs (ACS)

62nd Avenue North
PID 000097A

Representing	Print Name	Signature / Date
Pinellas County		
AC-Structural	Colin Campbell, P.E.	

Task	Units	No. of Units	Hours/ Units	Total Hours	Comments
Multi-Post Sign Support Calculations	EA	6	2	12	assume calcs for 6 multi-post sign supports
Signing and Pavement Marking Analysis Technical Subtotal					
Quality Assurance/Quality Control	LS	%	5%	1	1 hr for AC-Structural QA-QC
Supervision	LS	%	5%	1	1 hr for AC-Structural supervision
Signing and Pavement Marking Analysis Nontechnical Subtotal					
Coordination	LS	%	3%	1	1 hr for AC-Structural coordination
19. Signing and Pavement Marking Analysis Total				15	

11. Signing & Marking Analysis

62nd Avenue North
PID 000097A

Representing	Print Name	Signature / Date
Pinellas County		
JMT		

Task	Units	No. of Units	Hours/Units	Total Hours	Comments
Traffic Data Analysis	LS	1	6	6	review the approved preliminary engineering report, typical section package, traffic technical memorandum, traffic & safety analysis. Youth Park Traffic Forecast Analysis and proposed geometric design alignment to identify proposed sign placements and roadway markings and perform queue analysis.
Signing and Pavement Marking Master Design File	LS	1	203.6	204	Middle Range: 45 hours for setup and 90 hours per mile; Add 8 hours per signalized intersection. + 2 hrs per mid-block
Multi-Post Sign Support Calculations	EA	4	3	12	EB and WB approaches to 2 signals, calc pole lengths and size requirements
Sign Panel Design Analysis	EA	2	3	6	2 next signal sign designs
S&PM Quantities for EQ Report	Length (Miles)	1.54	Calculated Hours 23	23	
	Complexity	Mid Range			
	Interchanges Rest Areas	0			
Cost Estimate	LS	4	2	8	60/90/100/final
Signing and Pavement Marking Analysis Technical Subtotal					
Field Reviews	LS	2	4	8	1 person, 2hr travel + 2 hr review
Quality Assurance/Quality Control	LS	%	5%	13	
Supervision	LS	%	5%	13	
Signing and Pavement Marking Analysis Nontechnical Subtotal					
Coordination	LS	%	3%	9	
11. Signing and Pavement Marking Analysis Total					
11. Signing and Pavement Marking Analysis Total					302

Estimator: Ryan Bogan										62nd Avenue North PID 000097A									
Representing			Print Name				Signature / Date												
Pinellas County																			
JMT																			
Task	Project Parameter			Staff Hours			Documentation												
	Description	Units	Complexity	Calculated	Consultant	Negotiated	Provide documentation when negotiated hours differ from the calculated hours.												
Key Sheet		1		4	4	0													
General Notes/Pay Item Notes		1	Standard	9	9	0													
Project Layout		1		6	6	0													
Plan Sheet	Length (Miles)	1.54	Mid	33	33	0													
	Sig Intersection Mid-Block Xing	4		8	8	0	2 signals and 2 midblocks												
	Details	1	Complex	6	6	0	railroad dynamic envelope												
Guide Sign Data	Sign Panel	2		4	4	0	2 next signal designs												
Cross Sections (Sign Installations)	Multi-post signs	4		12	6	0	cut cross-sections to verify post design requirements, not included in plan set. Reduced 50%												
S&PM Plans Technical Hours Subtotal				82	76	0													
Quality Assurance/Quality Control	%	1	5%	5	4	0													
Supervision	%	1	5%	5	4	0													
S&PM Plans Total				92	84	0													

Carries to Summary Tab

13. Signalization Analysis

62nd Avenue North
PID 000097A

Representing	Print Name	Signature / Date
Pinellas County		
JMT		

Task	Units	No. of Units	Hours/ Units	Total Hours	Comments
Traffic Data Analysis	PI	2	3	6	update pedestrian timings as needed
Reference and Master Signalization Design File	PI	1	79	79	High range for 49th (full rebuild of signal working around existing signal), low range for 34th (pedestrian and safety upgrades) = 54+25
Reference and Master Interconnect Communication Design File	LS	1	10.4	10	Tie signal rebuild back into existing ATMS network: range: 8 hours for setup and up to 24 hours per mile (use .1 mi)
Overhead Street Name Sign Design	EA	2	3	6	2 IISNS designs at 49th, include custom county logo, no block numbers
Pole Elevation Analysis	LS	1	3	3	2 hrs for 1st intersection, 1 hr each additional
Signalization Quantities for EQ Report	Signalized Intersections	2	Calculated Hours 24	24	
Cost Estimate	LS	4	2	8	60/90/100/final
Technical Special Provisions and Modified Special Provisions	LS	6	5	30	TSP/MSP and PPC for pinellas county proprietary equipment requirements: 4 - 12 hours for each modified TSP or MSP
Other Signalization Analysis	LS	1	8	8	coordination and documentation with FDOT Pinellas Operations for permit conditions, pre-app meeting prep
Signalization Analysis Technical Subtotal				174	

13. Signalization Analysis

Field Reviews	LS	2	4	8	1 person, 2hr travel + 2 hr review
Technical Meetings	LS	1	3	3	Meetings are listed below
Quality Assurance/Quality Control	LS	%	5%	9	
Supervision	LS	%	5%	9	
Signalization Analysis Nontechnical Subtotal					29
Coordination	LS	%	3%	6	
13. Signalization Analysis Total					209

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments	PM Attendance at Meeting Required?	Number
FDOT Traffic Operations	EA	2	1	2	permit pre-app meetings (34th)		2
FDOT Traffic Design	EA	0	0	0			0
Power Company (service point coordination)	EA	1	1	1	verify service pt (49th)		0
Maintaining Agency (cities, counties)	EA	0	0	0			0
Railroads	EA	0	0	0			0
Other Meetings	EA	0	0	0			0
Subtotal Technical Meetings				3	Subtotal Project Manager Meetings		2

Estimator: Ryan Bogan									
62nd Avenue North PID 000097A									
Representing	Print Name				Signature / Date				
Pinellas County									
JMT									
Task	Project Parameter			Staff Hours			Documentation		
	Description	Units	Complexity	Calculated	Department	Consultant	Negotiated	Provide documentation when negotiated hours differ from the calculated hours.	
What is the overall project complexity? (See Signalization Guidelines)									
Key Sheet		1	Upper	4	0	4	0		
Signature Sheet		1		2	0	2	0		
General Notes/Pay Item Notes		1	Standard	9	0	9	0		
Signalization Plan Sheets	Signalized Intersections	2	Upper	12	0	10	0	reduced to 10 for less effort at 34th	
Interconnect Plan Sheets	Length (Miles)	0.10	Upper	3	0	3	0		
Guide Sign Data	Sign Panel	2		4	0	4	0		
Special Details	Details	4	Standard	8	0	8	0	ped ada corner blow-ups x4 (49th)	
		1	Complex	4	0	4	0	splicing diagram at 49th	
Mast Arm / Monotube Data	Signal Arm	4	Single Mast Arm	4	0	4	0		
	Signalization Plans Technical Hours Subtotal			50	0	48	0		
Quality Assurance/Quality Control	%	1	5%	3	0	3	0		
Supervision	%	1	5%	3	0	3	0		
Signalization Plans Total				56	0	54	0		

Carrieto Summary Tab

62nd Avenue North
PID 000097A

Representing	Print Name	Signature / Date
Pinellas County		
JMT		

Task	Units	No. of Units	Hours/ Units	Total Hours	Comments
Lighting Justification Report	LS	1	35	35	run photometrics for reconstructed signal, and 2 RRFB mid-blocks. Includes exporting cadd to AGI and performing iterative photometric analysis's at each location, and importation from AGI back to ORD for design.
Lighting Design Analysis Report (LDAR)	LS	3	8	24	Development of the Report only: Intersection Lighting: 4-12 hours for each proposed signalized intersection lighting design.
Voltage Drop Calculations	EA	4	2	8	1-4 hrs * 4 circuits
Reference and Master Design Files	LS	1	61	61	Middle Range: 25 hours for set up, and 90 hours per mile including ramps and cross roads. Add 8-20 hours for each signalized intersection lighting design. Use 20hr for signal, 8hr for mid-blocks
Design Documentation	LS	1	18	18	Includes compiling and delivering project documentation in accordance with FDOT Design Manual. Range 8-24. Includes coordination with DUKE for corridor lighting improvements.
Lighting Quantities for EQ Report	Light Poles	12	Calculated Hours 22	22	
Cost Estimate	LS	4	2	8	60/90/100/final
Lighting Analysis Technical Subtotal				176	
Field Reviews	LS	2	4	8	1 person, 2hr travel + 2 hr review
Technical Meetings	LS	1	5	5	
Quality Assurance/Quality Control	LS	%	5%	9	
Supervision	LS	%	5%	9	
Lighting Analysis Nontechnical Subtotal				31	
Coordination	LS	%	3%	6	
23. Lighting Analysis Total				213	

15. Lighting Analysis

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments	PM Attendance at Meeting Required?	Number
FDOT Lighting Design	EA	0	0	0			0
FDOT Traffic Design	EA	0	0	0			0
Power Company (service point coordination)	EA	4	1	4	service pt meetings + corridor coordination meetings		0
Maintaining Agency (cities, counties)	EA	1	1	1	verify corridor lighting vs intersection lighting		0
Airport authority	EA	0	0	0			0
FDEP Lighting (coast areas)	EA	0	0	0			0
Other Meetings	EA	0	0	0			0
Subtotal Technical Meetings				5	Subtotal Project Manager Meetings		0

Carries to Summary Tab

16. Geotechnical (Tierra)

62nd Avenue North
PID 000097A

Representing	Print Name	Signature / Date
FDOT District		
Tierra Inc.	Marc Novak	

Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
Roadway					
Document Collection and Review	LS	1	4	4	Review previous geotechnical reports, pavement coring reports, USDA, USGS, and available as-built plans.
Develop Detailed Boring Location Plan	LS	1	4	4	Geotechnical roadway borings performed along corridor in 2007 (18 years old). PDFs of geotechnical information exist. Pond borings performed in 20but not in all current preferred sites/shapes and some changes have occurred since 2007. Ponds proposed to be re-drilled. Roadway (1.54 miles) : 1 boring every 100 feet, staggered on LT/RT side = 80 Borings (70 5-foot auger + 10 20-foot SPTs) to supplement previous Geotech to meet FDOT standards and verification purposes. SMFs : 3 SMFs at 4.5 Acres. 2 SPTs to 20 feet per Acres = 9 20-foot SPTs. FPCs : 3 FPC sites. 2 Augers per site to 5-feet = 6 5-foot augers. Pavement Cores : 4 Cores with 4-foot auger to check subgrade Total # of Roadway/Pond Borings and Cores = 99 (76 5-foot augers + 19 20-foot SPTs + 4 Pavement Cores)
Stake Borings/Utility Clearance	Boring	99	0.25	25	
Muck Probing	Crew Day	2	16	32	Two areas identified in 2007; limits to be verified and delineated per new roadway section (1 crew day). Potential for other areas (1 crew day).
Coordinate and Develop MOT Plans for Field Investigation	EA	2	9	18	Anticipate roadway/pond will NOT require lane closures but will need signs and cones when working in ROW and next to roadway (2 hours). But pavement cores will require lane closure MOT and will be near intersections as requested by roadway engineer which will be more complex (16 hours). Total of 18 hours.
Drilling Access Permits	Location	1	4	4	A lane closure and ROW Use Permit for Pavement Cores.
LBR/Resilient Modulus Sampling	EA	1	8	8	Collect bulk soil samples for MR testing by SMO. 3 per mile with a minimum of 5 is standard. Collect 5 bulk soil samples (2 hours) + travel to/from SMO (6 hours) = 8 hours total
Coordination of Field Work	100 lf of boring	7.6	0.75	6	760 LF (76 5-foot augers for 380LF + 19 20-foot SPTs for 380LF)
Soil and Rock Classification - Roadway	100 lf of boring	7.6	1	8	
Design LBR	LS	0	0	0	MR Report developed by SMO.
Laboratory Data	100 lf of boring	7.6	1	8	
Seasonal High Water Table	Boring	30	0.8	24	Roadway : 1 SHW borings every 500 feet = 16 SHW borings SMFs : 2 per SMF = 6 SHW Borings FPCs and Alt FPCs = 1 per FPC/Alt FPC = 8 SHW Borings
Parameters for Water Retention Areas	EA	3	1	3	3 SMFs

16. Geotechnical (Tierra)

Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
Delineate Limits of Unsuitable Material	Cross-section	10	0.25	3	Estimate 2-3 areas
Electronic Files for Cross-Sections	100 lf of boring	14.9	1	15	Boring Footage: New + Old = 760 LF + 730 LF (previous roadway Geotech from pdf) = 1,490 LF
Embankment Settlement and Stability	Embankment Boring	1	4	4	
Monitor Existing Structures	LS	1	4	4	Provide guidance to Roadway EOR Only. Roadway EOR to include hours under 4.6.
Geotechnical Recommendations	LS	1	8	8	
Pavement Condition Survey and Pavement Evaluation Report	LS	1	6	6	Provide pavement data/information table with asphalt and base type/thickness, subgrade type, crack depths, and pavement condition by visual review. This will be included in Roadway Geotech Report and not a stand alone report.
Preliminary Roadway Report	LS	1	10	10	
Final Report	EA	1	16	16	
Auger Boring Drafting	100 lf boring	11.1	3	33	New augers + Existing roadway augers – 380 LF + 730 LF = 1,110
SPT Boring Drafting	100 lf boring	3.8	5	19	This is NEW SPTs.
Roadway Geotechnical Subtotal				262	
Structures					
Develop Detailed Boring Location Plan	LS	1	3	3	Structures will consist of 4 new signal poles at 49th. 4 SPTs to 30 feet. Box Culvert Extension. 1 SPT to 25 feet.
Stake Borings/Utility Clearance	Boring	1	4	4	4 mast arm borings at 0.5 each (2 hours), 1 boring for box culvert (2 hours)
Coordinate and Develop MOT Plans for Field Investigation	EA	1	12	12	Will required MOT and lane closures to drill close enough to poles.
Drilling Access Permits	Location	1	6	6	ROW and Lane closure permit
Property Clearances	EA	0	0	0	
Collection of Corrosion Samples	EA	1	1	1	Soil and Water
Coordination of Field Work	100 lf of boring	1	2	2	1.2 at 1 for mast arms = 1 .25 at 2 for box culvert = 1
Soil and Rock Classification - Structures	100 lf of boring	1	3	3	1.2 at 2 for mast arms = 2 .25 at 2 for box culvert = 1
Tabulation of Laboratory Data	100 lf of boring	1	2	2	1.2 at 0.75 for mast arms = 1 .25 at 2 for box culvert = 1
Estimate Design Groundwater Level for Structures	EA	2	1	2	1 each for mast arm and box culvert
Selection of Foundation Alternatives (BDR)	Bridge boring	0	0	0	
Detailed Analysis of Selected Foundation Alternate(s)	Bridge boring	0	0	0	
Bridge Construction and Testing Recommendations	Bridge boring	0	0	0	
Lateral Load Analysis (Optional)	Bridge boring	0	0	0	

16. Geotechnical (Terra)

Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
Walls	Wall Boring	0	0	0	
Sheet Pile Wall Analysis (Optional)	Wall Boring	0	0	0	
Design Soil Parameters for Signs, Signals, High Mast Lights, and Strain Poles and Geotechnical Recommendations	Boring	4	1	4	
Box Culvert Analysis	EA	1	6	6	
Preliminary Report - BDR	EA	0	0	0	
Final Report - Bridge and Associated Walls	EA	0	0	0	
Final Reports - Signs, Signals, Box Culvert, Walls and High Mast Lights	EA	2	8	16	mast arm and box culvert reports - 8 hours each
SPT Boring Drafting	100 lf of boring	1	7	7	1.2 at 5 for mast arms = 6 .25 at 5 for box culvert = 1
Structural Geotechnical Subtotal				68	
Geotechnical Technical Subtotal				330	
Field Reviews	LS	1	16	16	2 people for 1 day
Technical Meetings	LS	1	8	8	Meetings listed below
Quality Assurance/Quality Control	LS	%	5%	17	
Supervision	LS	%	5%	17	
Geotechnical Nontechnical Subtotal				58	
Coordination	LS	%	3%	12	
35. Geotechnical Total				400	

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments	PM Attendance at Meeting Required?	Number
Kickoff Meeting with FDOT	EA	1	1	1			0
Boring Layout Approval	EA	1	1	1			0
Attend in BDR Review Meeting	EA	0	0	0			0
30/60/90% Submittal Review	EA	0	0	0			0
Other Meetings	EA	0	0	0			0
Subtotal Technical Meetings				2	Subtotal Project Manager Meetings		0
Progress Meetings (if required by FDOT)	EA	6	1	6	PM attendance at Progress Meetings is manually entered on General Task 3		--
Phase Review Meetings	EA	0	0	0	PM attendance at Phase Review Meetings is manually entered on General Task 3		--
Total Meetings				8	Total Project Manager Meetings (carries to Tab 3)		0

Carries to 35.52

Carries to Tab 3

17. Contamination (Tierra)

62nd Avenue North
PID 000097A

Representing	Print Name	Signature / Date
Phellas County		
Tierra	Mike Bair	

Task	Units	No. of Units	Hours/ Units	Total Hours	Comments
Contamination Analysis	LS	1	193	193	Initially, provide preliminary review to support selection of SMFs/FPCs. Once preferred SMFs/FPCs are selected, provide Contamination Screening Evaluation Report per Chapter 20 of the PD&E Manual including desktop research and field reconnaissance to Ch. 20 search distances (500 ft., 1,000 ft., 1/2-mile) for mainline and preferred SMFs/FPCs. Report will include review of 2021 contamination screening from PER. CSER estimate assumes review of 30 contamination sites and associated project drainage sites (3 SMF and 3 FPCs). Preliminary review: populate evaluation matrix to support drainage selection or provide paragraph for PSR for drainage alternatives (no field review or report for pond alternatives) (20 hrs) Field review: 2 trips * 2 staff * 12 hrs (includes review of corridor, preferred ponds, confirmation of known contamination sites, and search for undocumented sites) Analysis/Report: contamination site research (30 sites * 2 hrs each) + review of drainage sites (10 hrs) + draft report preparation (40 hrs) + respond to comments/final report (15 hrs)
Environmental Permits and Environmental Clearances/Reevaluations Subtotal				193	
Technical Meetings	LS	1	4	4	Meetings are listed below
Quality Assurance/Quality Control	LS	%	5%	10	
Supervision	LS	%	5%	10	
Environmental Permits and Environmental Clearances Nontechnical Subtotal				24	
Coordination	LS	%	3%	7	
8. Environmental Permits and Environmental Clearances Total				224	

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments	PM Attendance at Meeting Required?	Number
WMD	EA	0	0	0			0
NMFS	EA	0	0	0			0
USACE	EA	0	0	0			0
USCG	EA	0	0	0			0
USFWS	EA	0	0	0			0
FWGCC	EA	0	0	0			0
FDOT	EA	0	0	0			0
Other Meetings	EA	4	1	4	status meetings with engineer		0
Subtotal Technical Meetings				4	Subtotal Project Manager Meetings		0
Progress Meetings (if required by FDOT)				0	PM attendance at Progress Meetings is manually entered on General Task 3		--
Phase Review Meetings				0	PM attendance at Phase Review Meetings is manually entered on General Task 3		--
Total Meetings				4	Total Project Manager Meetings (carries to Tab 3)		0

Carries to 6.18

Carries to Tab 3

Estimator:

62nd Avenue North
PID 000097A

Representing	Print Name	Signature / Date
Pinellas County		
JMT		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
19.0	Public Involvement					
	PowerPoint Presentation	LS	1	20	20	Assist with preparation and QC
	Public Meeting Preparations	LS	1	20	20	Prepare 2 exhibits: Plan view and Typical Section
	Public Meeting Attendance/Followup	LS	2	4	8	2 staff, 2 meetings, 2 hours each
	Other Agency Meetings	LS	1	4	4	City of Pinellas Park, Lealman community - 1 meeting each, 2 staff
	Draft Run through of Presentation	LS	2	2	4	
19. Public Involvement Task Total						56

19. Public Outreach (Valerin)

Estimator: Valerie Ciudad-Real/Erin Kleinfelt					62nd Avenue North PID 000097A				
Representing		Print Name			Signature / Date				
Pinellas County									
The Valerin Group, Inc.		Valerie Ciudad-Real			Submitted: 2/14/2025				
Task	Units	No of Units	Hours/ Unit	Total Hours	Comments				
Public Involvement									
Renderings and Fly Throughs	LS	1	24	24	Work with Prime to develop and/or edit renderings for easier public understanding. This can include adding labels to typical section(s) and roll plot, developing board template and dropping in typical section(s) and roll plot, etc. (Note: Hours are for two (2) in-person public meetings. 16 hours for first meeting and 8 hours for second meeting.)				
PowerPoint Presentation	LS	1	92	92	Prepare PowerPoint presentation including working with Prime to develop of slides, development of presentation script, and recording of voiceover. (Note: Hours are for the development of presentations to be shown at two (2) in-person public meetings. 60 hours for initial presentation and 32 hours for second presentation.)				
Public Meeting Preparations	LS	1	22	22	Valerin to coordinate/prepare for two (2) in-person public meetings (one during the design phase to present preliminary design plans and the second to be conducted at the start of construction). Tasks include: Preparing a fact sheet/handout, Welcome Board, Title VI Board. Note: Pinellas County will be responsible for developing the sign-in sheets and comment cards, as well as generating the mailing list and performing mailout of the meeting notifications and identifying an ADA compliant venue location. The County will pay for postage for mailout and room rental.				
Public Meeting Attendance/Follow-up	LS	2	32	64	Valerin's tasks include assistance with two (2) in-person public meetings (one during the design phase and one at the start of construction). Tasks include: Set-up, staffing sign-in table, assisting attendees and breakdown of meeting. In addition, Valerin will provide/handle the AV setup and breakdown at the venue. Valerin will also develop a meeting summaries following the meetings including handouts, exhibits, sign-in sheets, comment cards, presentation and pictures of event.				
Public Involvement total				202					

19. Public Outreach (Valerin)

Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
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POST DESIGN (JMT)

Const.Days		Years	Months
700		1.92	23
Post Design Services Work Effort Estimate			
#CONNECT!	Total Hrs/Activity	Units	hrs/unit
Plans updates	96.0	4.0	24.0 Hr/EA
Engineering Assistance (Based on Gen. Hrs & RFM's/ RFI's per Mnth)	96.0	24.0	4.0 Hr/EA
Expert Witness Testimony (Based on # of Mtg's & Support Hrs per Mnth)	0.0	0.0	0.0 Hr/EA
Review of Shop Drawings (Based on # of Shop Drwg's per Mnth)	80.0	20.0	4.0 Hr/EA
Meeting Attendance, Incl.s; Pre-bid, Pre-Const. & Partnering Mtgs, along w/Pep. & Follow-up)	80.0	40.0	2.0 Hr/EA
	Sub-total Hrs		
	352.0		
	Total Hrs		
	352.0		
Total:			



EXHIBIT B - Hourly Rate Sheet

Client: Pinellas County **Consultant:** Johnson, Mirmiran, & Thompson, Inc.

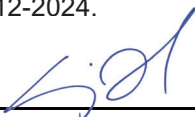
Contact / Project Manager: Robin Hernandez
Phone: 813-868-6512

Contract Name: 62nd Ave N. Roadway Improvements – 24-0902-RFP-CCNA

FDOT OH Rate	FCCM	Profit	Expense	Multiplier
157.54%	0.189%	30%	3.58%	2.91

Classification	Actual Rates (12/12/2024)	Actual Burdened Rates
Principal	\$ 125.00	\$ 351.64
Chief Engineer	\$ 87.30	\$ 245.58
Senior Project Manager	\$ 102.00	\$ 286.94
Senior Engineer	\$ 76.20	\$ 214.36
Engineer	\$ 59.10	\$ 166.25
Engineering Intern	\$ 41.00	\$ 115.34
Chief Designer	\$ 53.60	\$ 150.78
Senior Engineering Technician	\$ 41.70	\$ 117.31
Senior Environmental Scientist	\$ 64.30	\$ 180.88
Environmental Scientist	\$ 35.50	\$ 99.86
Intern	\$ 22.50	\$ 63.29
Administrative Assistant	\$ 33.00	\$ 92.83

I do hereby certify that the current rates shown above are the actual rates for these employees, effective 12-12-2024.


 Johnson, Mirmiran & Thompson, Inc.
 Sergio Quevedo, PE, PTOE, RSP1 - Senior Vice President

December 12, 2024

Date

AGENOR & CAMPBELL STRUCTURAL ENGINEERS, LLC

670 ISLAND WAY, SUITE 301, CLEARWATER, FL. 33767 | WWW.AC-STRUCTURAL.COM

December 13, 2024

RE: 62nd Ave N Roadway Improvements – From W of 49th St N to US 19 N/34th St N
Contract No. 24-0902-RFP-CCNA

Schedule of Rate Values

FDOT OH Rate	FCCM	Profit	Expense	Multiplier
216.44%	0.177%	10%	0.00%	3.27

Classification	Actual Rates (02/12/2024)	Actual Burdened Rates
Chief Engineer 2	\$ 91.55	\$ 299.02
Senior Engineer 1	\$ 72.84	\$ 237.91
Engineer 2	\$ 63.50	\$ 207.40
Engineering Intern	\$ 36.50	\$ 119.22
		\$ -

I do hereby certify that the current rates shown above are the actual rates for these employees, effective December 13, 2024.



Agenor & Campbell Structural Engineers, LLC
Colin J. Campbell, P.E.
Vice-President
Phone: 727-219-7059
Email: Colin@ac-structural.com

CONSULTANT'S COMPENSATION RATES SCHEDULE

Effective January 1st, 2024, hourly rates and reimbursable expenses are as follows:

Hourly Rates

Project Arborist: \$225.00

TRAQ Arborist: \$205.00

Expert Witness/Principal: \$315.00

Landscape Architect: \$225.00

Certified Planner: \$225.00

Design Staff II: \$110.00

Inventory Technician: \$115.00

Item Description	Unit	Unit Price
101-Aggregate Carbonates & Organic Matter FM 5-514	Test	\$ 164.00
102-Aggregate Org. Impurities S& for Concrete AASHTO T21	Test	\$ 89.00
103-Aggregate Shell Content of Coarse Aggregate FM 5-555	Test	\$ 124.00
104-Aggregate Sieve Anlsys of Fine & Coarse AASHTO T27	Test	\$ 94.50
105-Aggregate Soundness AASHTO T104	Test	\$ 371.00
106-Aggregate Specific Gravity/Absorption Coarse AASHTO T85	Test	\$ 115.50
107-Aggregate Total Moisture Content by Drying AASHTO T255	Test	\$ 68.50
108-Aggregate Unit Mass & Voids AASHTO T19	Test	\$ 71.50
109-Aggregate Specific Gravity/Absorption Fine AASHTO T84	Test	\$ 137.50
200-Asphalt Bulk Specific Gravity FM 1-T166	Test	\$ 78.50
201-Asphalt Content FM 5-563	Test	\$ 170.00
204-Asphalt Gradation FM 1-T030	Test	\$ 111.00
206-Asphalt Los Angeles (LA) Abrasion Coarse Agg FM 3-C535	Test	\$ 456.00
207-Asphalt Los Angeles (LA) Abrasion Small Agg FM 1-T096	Test	\$ 363.00
209-Asphalt Pavement Coring – 4" dia with Base Depth Check	Each	\$ 275.00
210-Asphalt Pavement Coring – 4" dia without Base Depth Check	Each	\$ 227.00
211-Asphalt Pavement Coring – 6" dia with Base Depth Check	Each	\$ 340.00
212-Asphalt Pavement Coring – 6" dia without Base Depth Check	Each	\$ 267.00
300-Concrete Beam Flexural Testing ASTM C78	Test	\$ 66.35
301-Concrete Compressive Strength of Grout\Mortar ASTM C109	Test	\$ 38.00
302-Concrete Cylinder Curing, Capping & Breaking ASTM C39	Test	\$ 52.25
303-Concrete Drilled Cores & Sawed Beams ASTM C42	Test	\$ 74.50
305-Concrete Pavement Coring - 4" Dia	Each	\$ 276.00
306-Concrete Pavement Coring - 6" Dia	Each	\$ 300.00
401-Geo Auger Borings- Hand & Truck/Mud Bug	LF	\$ 14.00
402-Geo Auger Borings- Track	LF	\$ 19.00
403-Geo Backhoe (Owned)	Day	\$ 1,500.00
405-Geo Barge (Owned)	Day	\$ 4,200.00
407-Geo Chainsaw (Owned)	Day	\$ 130.00
415-Geo Double Ring Infiltration ASTM D3385	Each	\$ 700.00
416-Geo Dozer (Owned)	Day	\$ 1,780.00
418-Geo Drill Crew Support Vehicle	Day	\$ 295.00
421-Geo Dynamic Pile Testing/Pile Driving Analyzer	Day	\$ 630.00
422-Geo Extra SPT Samples-Barge/Track/Amphibious 000-050 Ft	Each	\$ 115.00
423-Geo Extra SPT Samples-Barge/Track/Amphibious 050-100 Ft	Each	\$ 115.00
424-Geo Extra SPT Samples-Barge/Track/Amphibious 100-150 Ft	Each	\$ 130.00
425-Geo Extra SPT Samples-Barge/Track/Amphibious 150-200 Ft	Each	\$ 170.00
427-Geo Extra SPT Samples-Truck/Mud Bug 000-050 Ft	Each	\$ 115.00
428-Geo Extra SPT Samples-Truck/Mud Bug 050-100 Ft	Each	\$ 115.00
429-Geo Extra SPT Samples-Truck/Mud Bug 100-150 Ft	Each	\$ 130.00
430-Geo Extra SPT Samples-Truck/Mud Bug 150-200 Ft	Each	\$ 130.00
432-Geo Field Permeability 0-10 Ft (Open - End Borehole Method)	Each	\$ 440.00
434-Geo Ground Penetrating Radar (GPR)	Hour	\$ 430.00

Tierra Project No. 6511-24-347

Tierra Inc - Attachment C
Standard Fee Schedule

62nd Avenue North
Pinellas County

Item Description	Unit	Unit Price
435-Geo Grout Boreholes- Barge/Track/Amphibious 000-050 Ft	LF	\$ 11.00
436-Geo Grout Boreholes- Barge/Track/Amphibious 050-100 Ft	LF	\$ 12.60
437-Geo Grout Boreholes- Barge/Track/Amphibious 100-150 Ft	LF	\$ 18.90
438-Geo Grout Boreholes- Barge/Track/Amphibious 150-200 Ft	LF	\$ 27.00
440-Geo Grout Boreholes- Truck/Mud Bug 000-050 Ft	LF	\$ 7.90
441-Geo Grout Boreholes- Truck/Mud Bug 050-100 Ft	LF	\$ 9.70
442-Geo Grout Boreholes- Truck/Mud Bug 100-150 Ft	LF	\$ 14.70
443-Geo Grout Boreholes- Truck/Mud Bug 150-200 Ft	LF	\$ 19.95
445-Geo Grouted Monitor Well 2" 000-050 Ft	LF	\$ 45.00
450-Geo Piezometer 2" 000-050 Ft	LF	\$ 55.00
453-Geo Rock Coring Barge/Track/Amphibious 000-050 Ft less than 4" ID	LF	\$ 75.00
455-Geo Rock Coring Barge/Track/Amphibious 050-100 Ft less than 4" ID	LF	\$ 88.00
457-Geo Rock Coring Barge/Track/Amphibious 100-150 Ft less than 4" ID	LF	\$ 95.00
459-Geo Rock Coring Barge/Track/Amphibious 150-200 Ft less than 4" ID	LF	\$ 115.50
463-Geo Rock Coring Truck/Mud Bug 000-050 Ft less than 4" ID	LF	\$ 53.00
465-Geo Rock Coring Truck/Mud Bug 050-100 Ft less than 4" ID	LF	\$ 62.00
467-Geo Rock Coring Truck/Mud Bug 100-150 Ft less than 4" ID	LF	\$ 70.00
473-Geo SPT Barge/Track/Amphibious 000-050 Ft	LF	\$ 28.50
474-Geo SPT Barge/Track/Amphibious 050-100 Ft	LF	\$ 37.00
475-Geo SPT Barge/Track/Amphibious 100-150 Ft	LF	\$ 58.00
476-Geo SPT Barge/Track/Amphibious 150-200 Ft	LF	\$ 78.00
478-Geo SPT Truck-Mud Bug 0-50 Ft	LF	\$ 18.50
479-Geo SPT Truck-Mud Bug 50-100 Ft	LF	\$ 22.00
480-Geo SPT Truck-Mud Bug 100-150 Ft	LF	\$ 37.00
481-Geo SPT Truck-Mud Bug 150-200 Ft	LF	\$ 50.00
483-Geo Temp Casing 3" Barge/Track/Amphibious 0-050 Ft	LF	\$ 17.00
484-Geo Temp Casing 3" Barge/Track/Amphibious 50-100 Ft	LF	\$ 21.00
485-Geo Temp Casing 3" Barge/Track/Amphibious 100-150 Ft	LF	\$ 27.00
486-Geo Temp Casing 3" Barge/Track/Amphibious 150-200 Ft	LF	\$ 33.00
488-Geo Temp Casing 3" Truck/Mud Bug 000-050 Ft	LF	\$ 12.00
489-Geo Temp Casing 3" Truck/Mud Bug 050-100 Ft	LF	\$ 15.75
490-Geo Temp Casing 3" Truck/Mud Bug 100-150 Ft	LF	\$ 19.00
491-Geo Temp Casing 3" Truck/Mud Bug 150-200 Ft	LF	\$ 24.25
514-Geo Truck/Mud Bug Mobil (30 miles straightline distance)	Each	\$ 840.00
515-Geo Undisturbed Samples Barge/Track/Amphibious 000-050 Ft	Each	\$ 308.00
516-Geo Undisturbed Samples Barge/Track/Amphibious 050-100 Ft	Each	\$ 350.00
517-Geo Undisturbed Samples Barge/Track/Amphibious 100-150 Ft	Each	\$ 430.00
518-Geo Undisturbed Samples Barge/Track/Amphibious 150-200 Ft	Each	\$ 500.00
519-Geo Undisturbed Samples Truck/Mud Bug 000-050 Ft	Each	\$ 220.00
520-Geo Undisturbed Samples Truck/Mud Bug 050-100 Ft	Each	\$ 240.00
521-Geo Undisturbed Samples Truck/Mud Bug 100-150 Ft	Each	\$ 300.00
522-Geo Undisturbed Samples Truck/Mud Bug 150-200 Ft	Each	\$ 350.00
525-Geo Well Development	Hour	\$ 205.00

Tierra Project No. 6511-24-347

**Tierra Inc - Attachment C
Standard Fee Schedule**

**62nd Avenue North
Pinellas County**

Item Description	Unit	Unit Price
531-Geo Truck/Mudbug Drill Rig and Crew (2-person)	Hour	\$ 280.00
532-Geo Truck/Mudbug Drill Rig and Crew (3-person)	Hour	\$ 360.00
533-Geo Track/Barge Drill Rig and Crew (2-person)	Hour	\$ 305.00
534-Geo Track/Barge Drill Rig and Crew (3-person)	Hour	\$ 460.00
535-Geo Clearing Equip- Tractor, Bush Hog Attachment	Day	\$ 1,700.00
536-Geo Clearing Equip-Skid Steer/ASV, ForestMulching Attach	Day	\$ 2,400.00
537-Geo Clearing Equip-Skid Steer/ASV, Brush Cutter Attach	Day	\$ 1,850.00
538-Geo Clearing Equipment	Day	\$ 2,400.00
539-Geo Wash Boring for Rock Cores 0-50 Ft	LF	\$ 14.00
540-Geo Wash Boring for Rock Cores 50-100 Ft	LF	\$ 15.00
541-Geo Wash Boring for Rock Cores 100-150 Ft	LF	\$ 24.00
542-Geo Wash Boring for Rock Cores 150-200 Ft	LF	\$ 27.25
602-Mobilization-Vibration Monitoring Equipment	Each	\$ 399.00
603-Mobilization Asphalt Coring Equipment	Each	\$ 515.00
606-Mobilization Concrete Coring	Each	\$ 510.00
608 Mobilization Drill Rig Amphibious	Each	\$ 12,600.00
609-Geo Mobilization Drill Rig Barge Mount	Each	\$ 13,000.00
610-Geo Mobilization Drill Rig Track Mount	Each	\$ 3,500.00
612-Geo Mobilization Drill Rig Truck Mount	Each	\$ 640.00
614-Geo Mobilization Mudbug/All Terrain Vehicle	Each	\$ 1,225.00
618-Geo Mobilization Support Boat	Each	\$ 670.00
619-Geo Mobilization Tri-Pod	Each	\$ 1,900.00
620-Mobilization of Clearing Equipment	Each	\$ 700.00
701-MOT Attenuator Truck	Hour	\$ 300.00
702-MOT Channelizing Devices - Type I, II, VP, Drum (each)	Each	\$ 5.30
706-MOT Portable Sign	Each	\$ 52.50
708-MOT Provide Channelizing Devices - Cone	Each	\$ 9.00
710-MOT Shadow Vhcle w/ Adv. Warning Arrow & Attenuator	Hour	\$ 310.00
712-MOT Support Vehicle	Hour	\$ 162.00
800-Soils Chloride Soil or Water (FM 5-552)	Test	\$ 115.00
803-Soils Consolidation - Constant Strain (ASTM D4186)	Test	\$ 670.00
804-Soils Consolidation - Extended Load Increments (AASHTO T216)	Day	\$ 218.00
805-Soils Corrosion Series (FM 5-550 through 5-553)	Test	\$ 320.00
806-Soils Direct Shear Consolidated Drained/ Point AASHTO T 236	Test	\$ 420.00
810-Soils Limerock Bearing Ratio (LBR)(FM 5-515)	Test	\$ 450.00
811-Soils Liquid Limit (AASHTO T 89)	Test	\$ 75.00
812-Soils Materials Finer than 200 Sieve (FM 1-T011)	Test	\$ 65.00
817-Soils Moisture Content Laboratory (AASHTO T 265)	Test	\$ 21.00
819-Soils Organic Content Ignition (FM 1 T-267)	Test	\$ 61.00
821-Soils Particle Size Analysis (AASHTO T 88) (Including Hydrometer)	Test	\$ 250.00
822-Soils Particle Size Analysis (AASHTO T 88) (No Hydrometer)	Test	\$ 98.00
823-Soils Permeability Constant Head (AASHTO T 215)	Test	\$ 435.00
824-Soils Permeability Falling Head (FM 5-513)	Test	\$ 385.00

Tierra Project No. 6511-24-347

**Tierra Inc - Attachment C
Standard Fee Schedule**

**62nd Avenue North
Pinellas County**

Item Description	Unit	Unit Price
825-Soils pH Soil or Water (FM 5-550)	Test	\$ 44.00
826-Soils Plastic Limit & Plasticity Index (AASHTO T 90)	Test	\$ 76.00
827-Soils Proctor Modified (FM 1-T 180)	Test	\$ 160.00
828-Soils Proctor Standard (AASHTO T 99)	Test	\$ 160.00
829-Soils Resistivity Soil or Water (FM 5-551)	Test	\$ 73.00
832-Soils Splitting Tensile Strength of Rock Cores (ASTM D3967)	Test	\$ 195.00
833-Soils Sulfate Soil or Water (FM 5-553)	Test	\$ 80.00
838-Soils Unconfined Compression - Rock (ASTM D7012, Method C)	Test	\$ 250.00
Tierra Non Drop Menu Standard Test Items		
Arsenic (Method 6010/7471)	Each	\$ 9.00
Asbestos Samples	Each	\$ 15.00
BTEX and MTBE (Method 8260)	Each	\$ 65.00
Chlorinated Herbicides (Method 8151)	Each	\$ 100.00
Drilling Permit Costs IE DEP	Each	\$ 250.00
EDR Report	Each	\$ 500.00
Field Sampling Kit (soil)	Each	\$ 75.00
Field Sampling Survey Kit (water)	Each	\$ 75.00
Flagman and Barricades 2-Man Crew Own Equipment	Day	\$ 1,080.00
Handheld GPS	Per Day	\$ 80.34
Mercury Individual (Method 6010/7471)	Each	\$ 25.00
Organic Vapor Analyzer (OVA)	Day	\$ 150.00
Organochlorine Pesticides (Method 8081)	Each	\$ 100.00
Organophosphorous Pesticides (Method 8141)	Each	\$ 125.00
Polyaromatic Hydrocarbons (Method 8270)	Each	\$ 100.00
Polychlorinated Biphenals (8082)	Each	\$ 75.00
Power Auger Boring (includes decontamination to a depth of 25 feet)	Foot	\$ 11.90
RCRA 8 Metals (Method 6010/7471)	Each	\$ 65.00
RCRA Metals Individual (Method 6010/7471)	Each	\$ 9.00
Semi-Volatiles (Method 8270)	Each	\$ 200.00
Site Clearing to Access Boring or Test Locations	Hour	\$ 210.00
SPLP/TCLP Metals	Each	\$ 198.00
TPH Method FL-Pro	Each	\$ 65.00
Ultr Low Trace Mercury GW Individual (Method 1631)	Each	\$ 75.00
Volatile Organics (Method 8260)	Each	\$ 95.00
Volatile Organics BTEX/MTBE(Method 8260)	Each	\$ 60.00

Tierra Project No. 6511-24-347

Tierra Inc - Attachment C
Standard Fee Schedule


62nd Avenue North
Pinellas County

Item Description	Unit	Unit Price
Engineering and Technical Support Services		
Chief Engineer 2	Hour	\$ 237.75
Chief Scientist	Hour	\$ 202.58
Engineer 1	Hour	\$ 154.74
Engineer 2	Hour	\$ 194.15
Engineering Intern	Hour	\$ 130.83
Engineering Technician	Hour	\$ 96.56
Principal Engineer	Hour	\$ 251.83
Secretary/Clerical	Hour	\$ 119.97
Senior Designer	Hour	\$ 149.23
Senior Engineer 1	Hour	\$ 230.73
Senior Engineering Technician	Hour	\$ 128.75
Senior Scientist	Hour	\$ 164.60

THE VALERIN GROUP, INC.

**62ND AVENUE N. ROADWAY IMPROVEMENTS
FROM WEST OF 49TH STREET N. TO US 19 N./34TH STREET N. –
PROFESSIONAL ENGINEERING SERVICES, PINELLAS COUNTY, FL
(PID: 000097A)**

SCHEDULE OF RATES

<u>Classifications</u>	<u>Hourly Billing Rate*</u>
Community Outreach Specialist	\$140.00
Graphic Designer	\$122.00
Multimedia Specialist	\$127.00
 Valerie Ciudad-Real President	12/13/2024 Date

*Note: Hourly billing rates do not include direct expenses associated with the project (i.e. printing, postage, venue rental, etc.). Direct expenses are typically reimbursed with proof of receipts.

ESTIMATED DIRECT EXPENSES

The Valerin Group
62nd Avenue N. from W. of 49th Street N. to US 19 N./SR 55/34th Street N.
April 11, 2025

Anticipated Direct Expenses	Unit	Cost	Total	Comments
Printing (8.5" x 11" - full color - 2-sided)	200	\$ 0.67	\$ 134.00	Handouts for two (2) public meetings.
Print Production/Mounting of Display Boards - Color (24" x 36") - 1 Set of 8 per meeting x 2 meetings	16	\$ 84.69	\$ 1,355.04	Printing/mounting of display boards, Welcome Board & Title VI Board for two (2) public meetings.
Printing Production - aerial roll plots (10'x3') - 2 per meeting x 2 meetings	4	\$ 292.95	\$ 1,171.80	Printing of roll plots of improvements over aerial photo (color printing) for two (2) public meetings.
Directional Signage	6	\$ 30.00	\$ 180.00	Directional signage for public meeting(s).
Total Anticipated Direct Expenses			\$ 2,840.84	

EXHIBIT C - Insurance Requirements

1. LIMITATIONS ON LIABILITY

By submitting a Proposal, the Vendor acknowledges and agrees that the services will be provided without any limitation on the Vendor's liability. The County objects to and shall not be bound by any term or provision that purports to limit the Vendor's liability to any specified amount in the performance of the services. The Vendor shall state any exceptions to this provision in its response, including specifying the proposed limits of liability in the stated exception to be included in the Services Agreement. The Vendor is deemed to have accepted and agreed to provide the services without any limitation on the Vendor's liability that the Vendor does not take exception to in its response. Notwithstanding any exceptions by the Vendor, the County reserves the right to declare its prohibition on any limitation on the Vendor's liability as non-negotiable, to disqualify any Proposal that includes exceptions to this prohibition on any limitation on the Vendor's liability, and to proceed with another responsive, responsible proposal, as determined by the County in its sole discretion.

2. INDEMNIFICATION

Vendor agrees to indemnify, pay the cost of defense, including attorney's fees, and hold harmless the County, its officers, employees and agents from all damages, suits, actions or claims, including reasonable attorney's fees incurred by the County, of any character brought on account of any injuries or damages received or sustained by any person, persons, or property, or in any way relating to or arising from the Agreement; or on account of any act or omission, neglect or misconduct of Contractor; or by, or on account of, any claim or amounts recovered under the Workers' Compensation Law; or of any other laws, regulations, ordinance, order or decree; or arising from or by reason of any actual or claimed trademark, patent or copyright infringement or litigation based thereon; or for any violation of requirements of the Americans with Disabilities Act of 1990, as may be amended, and all rules and regulations issued pursuant thereto (collectively the "ADA") except when such injury, damage, or violation was caused by the sole negligence of the County.

3. INSURANCE:

The Vendor must provide a certificate of insurance and endorsement in accordance with the insurance requirements listed below, prior to recommendation for award.

The Vendor shall obtain and maintain and require any subcontractor to obtain and maintain, at all times during its performance of the Agreement, insurance of the types and in the amounts set forth. For projects with a Completed Operations exposure, Vendor shall maintain coverage and provide evidence of insurance for two (2) years beyond final acceptance. All insurance policies shall be from responsible companies duly authorized to do business in the State of Florida and have an AM Best rating of A- VIII or better.

- A. Submittals should include the Vendor's current Certificate(s) of Insurance. If Vendor does not currently meet insurance requirements, Vendor shall also include verification from their broker or agent that any required insurance not provided at that time of submittal will be in place prior to the award of contract.

Upon selection of Vendor for award, the selected Vendor shall email certificate that is compliant with the insurance requirements. If the certificate received is compliant, no further action may be necessary. The Certificate(s) of Insurance shall be signed by authorized representatives of the insurance companies shown on the Certificate(s). **The Certificate holder section shall indicate Pinellas County, a Political Subdivision of the State of Florida, 400 S Fort Harrison Ave, Clearwater, FL 33756. Pinellas County, a Political Subdivision of the State of Florida, the Florida Department of Transportation and CSX shall be named as an Additional Insured for General Liability. A Waiver of Subrogation for Workers Compensation shall be provided if Workers Compensation coverage is a requirement.**

- B. Approval by the County of any Certificate(s) of Insurance does not constitute verification by the County that the insurance requirements have been satisfied or that the insurance policy shown on

the Certificate(s) of Insurance is in compliance with the requirements of the Agreement. The County reserves the right to require a certified copy of the entire insurance policy, including endorsement(s), at any time during the RFP and/or contract period.

- C. If any insurance provided pursuant to the Agreement expires or cancels prior to the completion of the work you will be notified by CTrax, the authorized Vendor of Pinellas County. Upon notification, renewal certificate(s) of Insurance and endorsement(s) should be furnished to Pinellas County Risk Management at InsuranceCerts@pinellascounty.org and to CTrax c/o JDi Data at PinellasSupport@jdidata.com by the Vendor or their agent prior to the expiration date.
 - 1) The Vendor shall also notify the County within seventy-two (72) hours after receipt, of any notices of expiration, cancellation, nonrenewal or adverse material change in coverage received by said Vendor from its insurer. Notice shall be given by email to Pinellas County Risk Management at InsuranceCerts@pinellascounty.org. Nothing contained herein shall absolve Vendor of this requirement to provide notice.
 - 2) Should the Vendor, at any time, not maintain the insurance coverages required herein, the County may terminate the Agreement.
- D. If subcontracting is allowed under this RFP, the Primary Vendor shall obtain and maintain, at all times during its performance of the Agreement, insurance of the types and in the amounts set forth; and require any Subcontractors to obtain and maintain, at all times during its performance of the Agreement, insurance limits as it may apply to the portion of the Work performed by the Subcontractor; but in no event will the insurance limits be less than \$500,000 for Workers' Compensation/Employers' Liability, and \$1,000,000 for General Liability and Auto Liability if required below.

All subcontracts between the Vendor and its Subcontractors shall be in writing and are subject to the County's prior written approval. Further, all subcontracts shall

 - 1) Require each Subcontractor to be bound to the Vendor to the same extent the Vendor is bound to the County by the terms of the Contract Documents, as those terms may apply to the portion of the Work to be performed by the Subcontractor;
 - 2) Provide for the assignment of the subcontracts from the Vendor to the County at the election of Owner upon termination of the Contract;
 - 3) Provide that County will be an additional indemnified party of the subcontract;
 - 4) Provide that the County will be an additional insured on all insurance policies required to be provided by the Subcontractor except workers compensation and professional liability;
 - 5) Provide a waiver of subrogation in favor of the County and other insurance terms and/or conditions as outlined below;
 - 6) Assign all warranties directly to the County; and
 - 7) Identify the County as an intended third-party beneficiary of the subcontract. The Vendor shall make available to each proposed Subcontractor, prior to the execution of the subcontract, copies of the Contract Documents to which the Subcontractor will be bound by this Section C and identify to the Subcontractor any terms and conditions of the proposed subcontract which may be at variance with the Contract Documents.
- E. Each insurance policy and/or certificate shall include the following terms and/or conditions:
 - 1) The Named Insured on the Certificate of Insurance and insurance policy must match the entity's name that responded to the solicitation and/or is signing the agreement with the County.
 - 2) Companies issuing the insurance policy, or policies, shall have no recourse against County for payment of premiums or assessments for any deductibles which all are at the sole responsibility and risk of Vendor.

- 3) The term "County" or "Pinellas County" shall include all Authorities, Boards, Bureaus, Commissions, Divisions, Departments and Constitutional offices of County and individual members, employees thereof in their official capacities, and/or while acting on behalf of Pinellas County.
- 4) All policies shall be written on a primary, non-contributory basis.

The minimum insurance requirements and limits for this Agreement, which shall remain in effect throughout its duration and for two (2) years beyond final acceptance for projects with a Completed Operations exposure, are as follows:

- 1) **Workers' Compensation Insurance** Worker's Compensation Insurance is required if required pursuant to Florida law. If, pursuant to Florida law, Worker's Compensation Insurance is required, employer's liability, also known as Worker's Compensation Part B, is also required in the amounts set forth herein.

Limits

Employers' Liability Limits	Florida Statutory
Per Employee	\$ 500,000
Per Employee Disease	\$ 500,000
Policy Limit Disease	\$ 500,000

If Vendor/Contractor is not required by Florida law, to carry Workers Compensation Insurance in order to perform the requirements of this Agreement, County Waiver Form for workers compensation must be executed, submitted, and accepted by Risk Management. Failure to obtain required Worker's Compensation Insurance without submitting and receiving a waiver from Risk Management constitutes a material breach of this Agreement.

- 2) **Commercial General Liability Insurance** including, but not limited to, Independent Vendor, Contractual Liability Premises/Operations, Products/Completed Operations, and Personal Injury.

Limits

Combined Single Limit Per Occurrence	\$ 1,000,000
Products/Completed Operations Aggregate	\$ 2,000,000
Personal Injury and Advertising Injury	\$ 1,000,000
General Aggregate	\$ 2,000,000

- 3) **Professional Liability (Errors and Omissions) Insurance** with at least minimum limits as follows. If "claims made" coverage is provided, "tail coverage" extending three (3) years beyond completion and acceptance of the project with proof of "tail coverage" to be submitted with the invoice for final payment. In lieu of "tail coverage", Proposer may submit annually to the County, for a three (3) year period, a current certificate of insurance providing "claims made" insurance with prior acts coverage in force with a retroactive date no later than commencement date of this contract.

Limits

Each Occurrence or Claim	\$ 4,000,000
General Aggregate	\$ 4,000,000

For acceptance of Professional Liability coverage included within another policy required herein, a statement notifying the certificate holder must be included on the certificate of insurance and the total amount of said coverage per occurrence must be greater than or equal to the amount of Professional Liability and other coverage combined.

- 4) **Pollution Legal/Environmental Legal Liability Insurance** for pollution losses arising from all services performed to comply with this contract. Coverage shall apply to sudden and gradual pollution conditions including the discharge, dispersal, release or escape of smoke, vapors, soot, fumes, acids, alkalis, toxic chemicals, liquids or gases, waste materials or other irritants, contaminants or pollutants into or upon land, the atmosphere or any watercourse or body of water, which results in Bodily Injury or Property Damage. If policy is written on a Claims Made form, a retroactive date is required, and coverage must be maintained for 3 years after completion of contract or "tail coverage must be purchased. Coverage should include and be for the at least the minimum limits listed below:

- a. Bodily injury, sickness, disease, mental anguish or shock sustained by any person, including death; property damage including physical injury to or destruction of tangible property including the resulting loss of use thereof, cleanup costs, and the loss of use of tangible property that has not been physically injured or destroyed;
- b. Defense including costs, charges and expenses incurred in the investigation, adjustment or defense of claims for such compensation damages.
- c. Cost of Cleanup/Remediation.

Limits

Per Claim or Occurrence	\$ 1,000,000
General Aggregate	\$ 1,000,000

For acceptance of Pollution Legal/Environmental Legal Liability coverage included within another policy coverage required herein, a statement notifying the certificate holder must be included on the certificate of insurance and the total amount of said coverage per occurrence must be greater than or equal to the amount of Pollution Legal/Environmental Legal Liability and other coverage combined.

- 5) **Property Insurance** Vendor will be responsible for all damage to its own property, equipment and/or materials.