

GUARANTEED MAXIMUM PRICE AMENDMENT

**EXHIBIT "R" TO CONSTRUCTION MANAGEMENT AGREEMENT DATED AUGUST 29, 2022
BETWEEN VILLAGE OF WELLINGTON AND WHARTON-SMITH, INC. ("CONSTRUCTION
MANAGER") FOR THE WTP RWM-DRAINAGE CONFLICT REPLACEMENT ("PROJECT") MADE
THIS _____ DAY OF _____ 2022.**

ARTICLE 1 - GUARANTEED MAXIMUM PRICE

1.1 Guaranteed Maximum Price ("GMP")

Pursuant to Section 3.2 of the Agreement, the Owner and Construction Manager hereby amend the Agreement to establish a Guaranteed Maximum Price. As agreed by the Owner and Construction Manager, the Guaranteed Maximum Price is an amount that the Contract Sum shall not exceed. The Contract Sum consists of the Construction Manager's Fee plus the Cost of the Work, as that term is defined in Article 8 of this Agreement, and the Owner's Contingency. There shall be no Fee on Owner's Contingency unless and until such time as use of the Owner's Contingency is authorized by Owner. Notwithstanding, Manager's insurance and bond costs shall not be subject to Construction Manager's Fee.

1.1.1 The Contract Sum is guaranteed by the Construction Manager not to exceed Two Hundred Twenty-Six Thousand Nine Hundred Ninety-Six Dollars and Forty-Eight Cents (\$226,996.48) subject to additions and deductions by Change Order as provided in the Contract Documents. The GMP is subject to Construction Manager's Assumptions and Clarifications to the GMP attached as **Exhibit "R5"**.

1.1.2 Allowances included in the Guaranteed Maximum Price are attached as **Exhibit "R4"**.

1.1.3 The Guaranteed Maximum Price includes a fixed amount for General Conditions and General Requirements of Forty-Five Thousand Seven Hundred Fifty-Six Thousand Dollars and Sixteen cents (\$45,756.16) as detailed in **Exhibit "R7"**. Construction Manager's General Conditions and General Requirements are fixed and shall not be subject to increase or decrease unless authorized by written Change Order as set forth in the Agreement.

1.1.4 The GMP includes an Owner's Contingency in the amount of Twenty-Five Thousand Dollars (\$25,000) to be utilized as set forth in 7.2.3 of the Agreement.

1.1.5 It is the intent and understanding of Construction Manager in providing a GMP for this Work, that the Drawings, Plans and Specifications listed in the attached **Exhibit "R1"** provide for the construction of completed Work by the Construction Manager, including all devices, fasteners, materials or other work not shown in the Drawings and Specifications but which are reasonably inferable therefrom and any and all incidental accessories necessary to make the Work complete and operable in all respects (even if not specified in the description of the Work, but necessary for proper installation and operation of the Work under the Drawings and Specifications), all of which shall be included as part of the Cost of the Work. The expression "reasonably inferable" and similar terms in the Contract Documents shall be interpreted to mean reasonably inferable by a construction manager and general contractor familiar with the Project, having performed extensive Preconstruction Services, and exercising the care, skill and diligence of the Construction Manager by the Contract Documents. Notwithstanding, the foregoing shall not be construed to impose any design responsibility or liability on Construction Manager except where such design responsibility is an existing requirement of Florida law or the Contract Documents.

1.2 Schedule of Values. The Schedule of Values allocating the Contract Sum to the various portions of the Work is attached as **Exhibit "R2"**. The Construction Manager shall not imbalance its Schedule of Values nor artificially inflate any element thereof. Any violation of this provision by the Construction Manager shall constitute a material breach of this Construction Management Agreement. The Schedule of Values shall allocate the entire Guaranteed Maximum Price among the various portions of the Work, except that the Construction Manager's Fee shall be shown as a single separate item.

ARTICLE 2 – CONTRACT TIME

2.1 Date of Commencement. The Work to be performed under this Construction Management Agreement shall be commenced upon the issuance of a Notice to Proceed from Owner (“Date of Commencement”).

2.2 Contract Time. Construction Manager shall meet all Milestones outlined in **Exhibit “R3”** and the entire Project shall reach Substantial Completion no later than **156** calendar days from the Date of Commencement. Construction Manager shall reach Final Completion no later than **28** days from the delivery of the Punch List as outlined in Paragraph 14.04(G) of the General Conditions, subject to any authorized extensions of time as set forth in the Contract Documents. All Work shall be performed in an expeditious manner.

2.2.1 Liquidated Damages. The parties to this Agreement agree that time is of the essence in the performance of this Agreement. Substantial Completion of the Work under this Agreement, as defined in Article 1 of the General Conditions shall be no later than the Substantial Completion date set forth in Section 2.2 of this GMP Amendment, subject to authorized extensions of time as set forth in the Article 12 of the General Conditions. In the event the Work is not substantially completed by the completion date stated above, and has not been extended by Change Order, the Owner shall be entitled to collect liquidated damages. Construction Manager and Owner agree that, because of the nature of the Work, the inability of the parties to precisely calculate actual damages for delay and the difficulty of determining these damages, the Construction Manager shall pay the Owner the sum of **one hundred dollars (\$100.00)** for each calendar day of unexcused delay for failure to achieve Substantial Completion of the Work. Further, Construction Manager and Owner agree that, because of the nature of the Work, the inability of the parties to precisely calculate actual damages for delay and the difficulty of determining these damages, the Construction Manager shall pay the Owner the sum of **one hundred dollars (\$100.00)** as liquidated damages for each and every calendar day of unexcused delay for failure to achieve Final Completion. It is hereby agreed that the amount of the per diem assessment for liquidated damages for the Construction Manager’s failure to achieve Substantial Completion of the Work or Final Completion of the Work within the time specified in this Agreement is not a penalty and not excessive in light of the circumstances known to the parties at the time this Agreement is executed. The Owner’s exercise of its right to terminate this Agreement shall not release the Construction Manager from its obligation to pay liquidated damages in the amount set forth herein. Such assessments shall be immediately due and payable to the Owner or, at the Owner’s option, may be deducted from future payments that may be due and owing to Construction Manager. Any sums due and payable hereunder by the Construction Manager shall be payable, not as a penalty, but as liquidated damages representing an estimate of delay damages likely to be sustained by the Owner, estimated at or before the time of executing this Agreement. Construction Manager’s liability for liquidated damages shall survive completion and termination of the Agreement and are in addition to Owner’s other remedies available under the Contract Documents and by law.

ARTICLE 3 - MISCELLANEOUS

3.1 In addition to Construction Manager’s and Subcontractor’s warranty set forth in 6.19 of the General Conditions, Construction Manager shall be responsible for providing the Extended Warranties as set forth in **Exhibit “R6”**.

3.2 The GMP Amendment incorporates the following exhibits:

- 1.** Drawings, plans and specifications listed in the attached List of Drawings attached hereto as **Exhibit “R1”**;
- 2.** Construction Manager’s Schedule of Values to be attached as **Exhibit “R2”**;
- 3.** Construction Schedule to be attached as **Exhibit “R3”**;
- 4.** Construction Manager’s Allowances to be attached as **Exhibit “R4”**;
- 5.** Construction Manager’s Assumptions and Clarifications to the GMP, if any, to be attached as **Exhibit “R5”**;

6. List of extended warranties to be attached as **Exhibit "R6"**;
7. Construction Manager's Stipulated General Conditions and General Requirements to be attached as **Exhibit "R7"**.
8. Submittal Schedule to be attached as **Exhibit "R8"**.

This GMP Amendment and all Exhibits are hereby incorporated as part of the Contract Documents as defined in the Agreement.

3.3 Construction Manager shall deliver Payment and Performance Bonds in accordance with Fla. Stat. §255.05 and the forms set forth as **Exhibit "E"** from a surety registered in Florida and acceptable to Owner for the full value of the Guaranteed Maximum Price, plus all change orders.

3.4 Other than as modified herein, the terms and conditions set forth in the Agreement, General Conditions and other Contract Documents remain in full force and effect.

IN WITNESS WHEREOF, Owner and Construction Manager have signed this GMP Amendment. One counterpart each has been delivered to Owner, Construction Manager, and the Engineer. All portions of the Contract Documents have been signed or identified by Owner and Construction Manager or by the Engineer on their behalf.

OWNER:

VILLAGE OF WELLINGTON

By _____

Anne Gerwig, Mayor

CONSTRUCTION MANAGER:

WHARTON-SMITH, INC.

By _____

Printed Name/Title_____

Attest: _____

Chevelle Addie, Wellington's Clerk

Attest: _____

Printed Name

(SEAL)

(CORPORATE SEAL)

Address for giving notices

12300 Forest Hill Boulevard

Wellington, Florida 33414

APPROVED AS TO FORM AND
LEGAL SUFFICIENCY

Laurie Cohen, Attorney for Wellington

Address for giving notices

125 W. Indiantown Road, Suite 201

Jupiter, FL 33458

License No. CGC1511243

Agent for service of process:

(If Construction Manager is a corporation, attach evidence
of authority to sign.)

Water Treatment Plant RWM-Drainage Conflict Replacement Village of Wellington



GMP Proposal

July 20, 2022

Presented by Wharton-Smith (CMAR)



Wharton-Smith Contact:
Greg Williams – Director of Operations
gwilliams@whartonsmith.com

Engineer: Village of Wellington

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SECTION 1 – EXECUTIVE SUMMARY

September 12, 2022

Mrs. Anjuli Panse, PE
Director of Utilities
Village of Wellington
12300 Forest Hill Blvd.
Wellington, FL 33414

Re: RWM-Drainage Conflict Replacement – GMP #1

Dear Mrs. Panse:

Wharton-Smith is pleased to submit the Guaranteed Maximum Price (GMP) proposal for the RWM-Drainage Conflict Replacement project. A comprehensive breakdown of material, equipment, subcontractor, and labor is provided in the supporting documentation following this letter. The GMP for this work is valued at **\$226,996.48**.

Please note the following clarifications regarding this proposal:

1. Per discussions with the Village of Wellington, the following items are provided in accordance with the CMAR GMP Amendment Guide:
 - a. The Daily Liquidated Damages are as follows:
 - i. \$100 per calendar day for Substantial Completion.
 - ii. \$100 per calendar day for Final Completion.
 - b. The GMP includes an Owner Controlled Contingency of \$25,000.00
 - c. Project shall reach Substantial Completion no later than 156 calendar days from the Notice to Proceed.
 - d. The following is a list of the competitively bid work packages and the recommended low, responsive bidder for each. Please refer to Section 3 for the detailed bid evaluations.
 - i. Master Plant Contractor – Johnson-Davis, Inc.
 - e. There are no proposed Owner Direct Purchases for this project.
 - f. The proposed GMP for RWM-Drainage Conflict Replacement is valued at \$226,996.48. Please refer to Exhibit R2 for the Cost of Work organized by the scope of work bid packages, allowances, Owner's Contingency, and the Construction Manager's Fee.
2. The work is in accordance with Village of Wellington drawings WTP RWM-Drainage Conflict Replacement dated March 2022.
3. We have included an Owner Controlled Contingency of \$25,000.00. Please note that this contingency is currently shown below the line without fee, fee to be included on contingency usage once brought into the project as approved by the Village of Wellington.

4. We have included the following allowances for work items with undefined scopes at this time. Please note that the allowances are currently shown below the line without fee, fee to be included on allowance usage once brought into the project as approved by the Village of Wellington.
 - a. Testing Lab - \$5,000
 - b. Unforeseen Conditions - \$25,000
 - c. Permitting - \$10,000.00
5. We have included a performance and payment bond and insurances.
6. Costs associated with Davis-Bacon Wages & AIS Requirements have not been included.
7. Material will be released for fabrication upon shop drawing approval.
8. Please refer to Section 4 for the proposed GMP schedule. Please note that the P6 schedule is referenced in "work days" as the program automatically accounts for weekends and holidays. The contract time is expressed in "calendar days". The 156 indicated equates to the 130 work days shown in the P6 schedule.

Thank you again for this opportunity to serve the Village of Wellington. As always, I am available to discuss at your earliest convenience.

Respectfully,



Greg Williams
Director of Operations
Wharton-Smith, Inc.

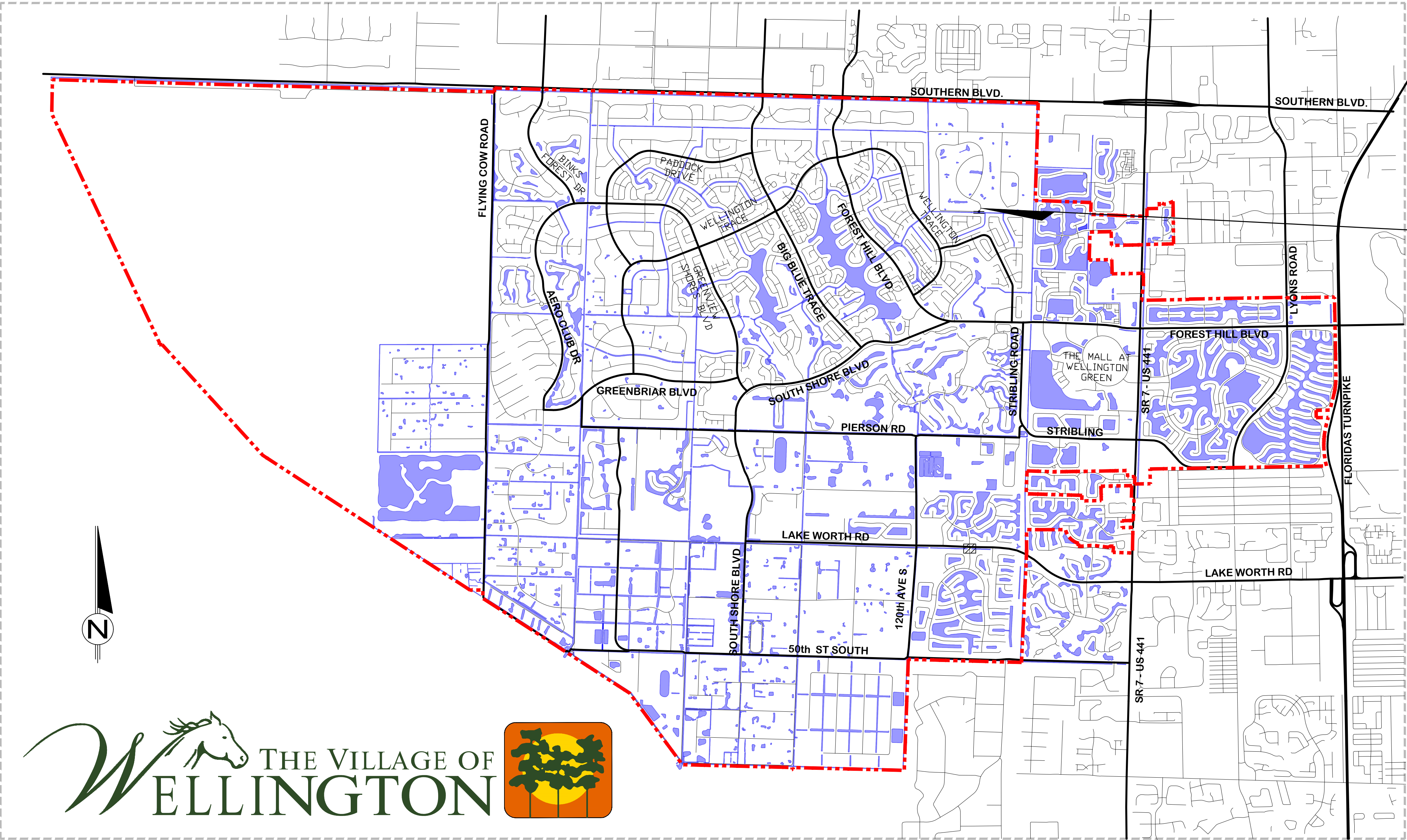
SECTION 2 – EXHIBIT R1 DRAWINGS, PLANS AND SPECIFICATIONS

CONSTRUCTION PLANS FOR WATER TREATMENT PLANT RAW WATERMAIN-DRAINAGE CONFLICT REPLACEMENT PROJECT

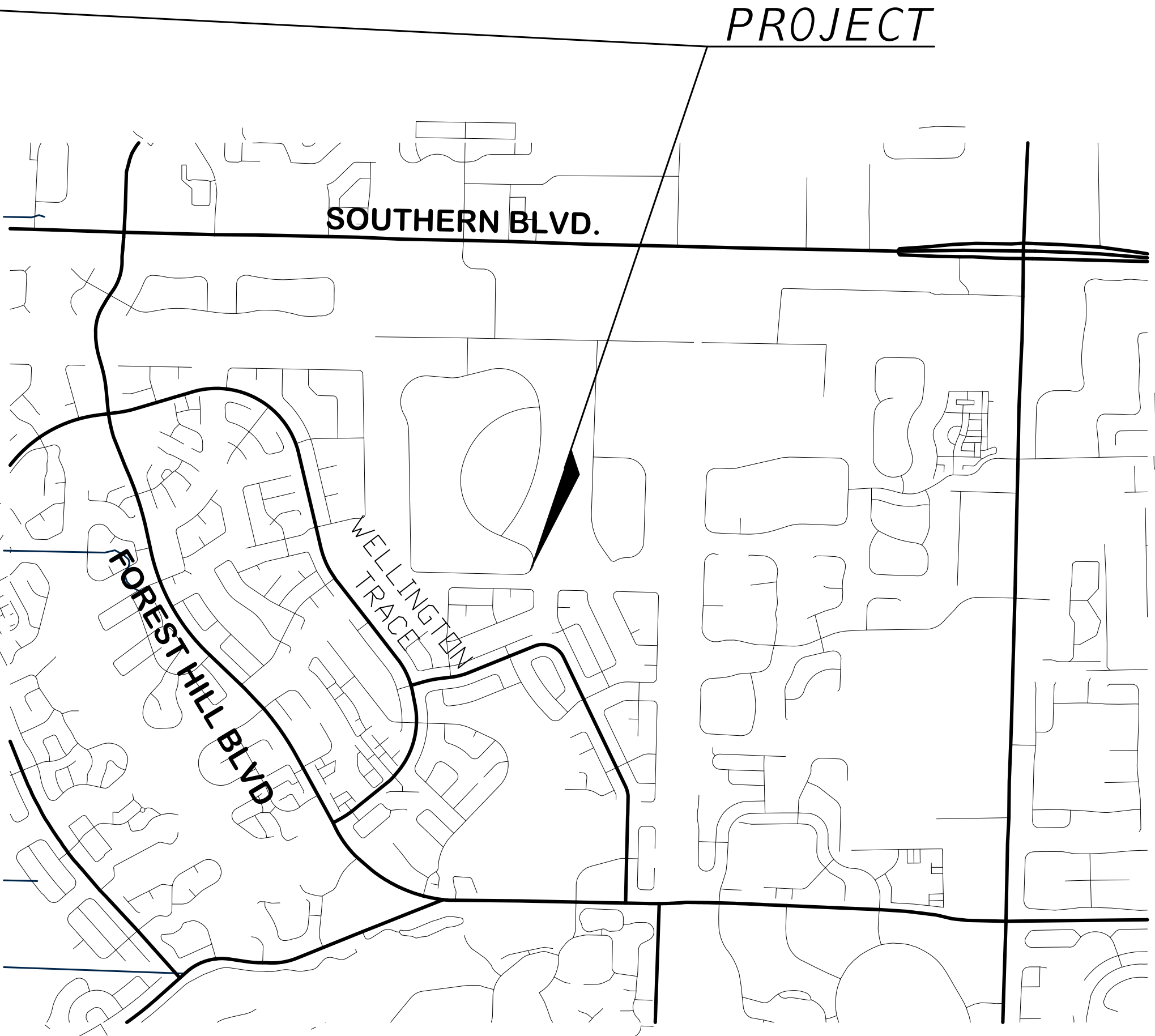
VILLAGE COUNCIL
ANNE GERWIG - MAYOR
JOHN McGOVERN - VICE MAYOR
TANYA SISKIND - COUNCILWOMAN
MICHAEL NAPOLEONE - COUNCILMAN
MICHAEL J. DRAHOS - COUNCILMAN

DRAWING INDEX

SHEET NO.	DESCRIPTION
COV	COVER
1 OF 3	EMERGENCY CULVERT REPAIR PLAN
2 OF 3	EMERGENCY CULVERT REPAIR PROFILE & DETAILS
3 OF 3	GENERAL NOTES



VILLAGE MAP



JIM BARNES - VILLAGE MANAGER
SHANNON LAROCQUE, P.E. - UTILITIES DIRECTOR
JONATHAN REINSVOLD, P.E. - VILLAGE ENGINEER

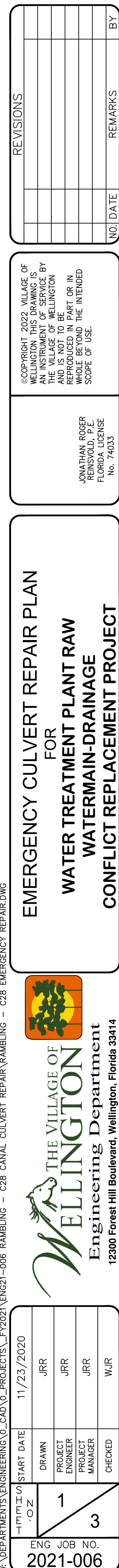
REPRODUCTION:
ATTENTION IS DIRECTED TO THE FACT THAT THESE
PLANS MAY HAVE BEEN REDUCED IN SIZE BY
REPRODUCTION. THIS MUST BE CONSIDERED WHEN
OBTAINING SCALED DATA.



W:\Departments\Engineering\0_CAD\0_Projects\FY2021\ENG21-006 Rambling - C28 Canal Culvert Repair\RAMBLING - C28 EMERGENCY REPAIR.dwg 2/2/2021 1:12 PM
JONATHAN R. REINSVOLD
FLORIDA LICENSE
No. 74033

THE VILLAGE OF
WELLINGTON
Engineering Department
12300 Forest Hill Boulevard, Wellington, Florida 33414

START DATE	11/2020	SHEET NO.	COV
DRAWN	JONATHAN		
PROJECT ENGINEER	JONATHAN		
PROJECT MANAGER	UTILITIES		
CHECKED	SHANNON	JOB NO.	2021-006





1. BEDDING SHALL CONSIST OF IN-SITU GRANULAR MATERIAL OR WASHED AND GRADED LIMEROCK 3/8"-7/8" SIZING. UNSUITABLE IN-SITU MATERIALS SUCH AS MUCK, DEBRIS AND LARGER ROCK SHALL BE REMOVED.
2. THE PIPE SHALL BE FULLY SUPPORTED FOR ITS ENTIRE LENGTH WITH APPROPRIATE COMPACTION UNDER THE PIPE HAUNCHES.
3. THE PIPE SHALL BE PLACED IN A DRY TRENCH.
4. BACKFILL SHALL BE FREE OF UNSUITABLE MATERIAL SUCH AS LARGER ROCK, MUCK AND DEBRIS.

ROADWAY RESTORATION DETAIL



BID PLANS
04/22/2022

REVISIONS			
NO.	DATE	REMARKS	BY

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JONATHAN ROGER
REINSVOLD, P.E.
FLORIDA LICENSE
No. 74033

**EMERGENCY CULVERT REPAIR PROFILE AND DETAILS
FOR
WATER TREATMENT PLANT RAW
WATERMAIN-DRAINAGE
CONFLICT REPLACEMENT PROJECT**



 THE VILLAGE OF
WELLINGTON
Engineering Department
12200 Forest Hill Boulevard, Wellington, Florida 33414

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 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2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 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GENERAL CONSTRUCTION NOTES

1. THE CONTRACTOR AND SUBCONTRACTORS SHALL OBTAIN A COPY OF THE FLORIDA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (LATEST EDITION) AND BECOME FAMILIAR WITH THE CONTENTS PRIOR TO COMMENCING WORK.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING ALL MATERIAL AND LABOR TO CONSTRUCT THE FACILITY AS SHOWN AND DESCRIBED IN THE CONSTRUCTION DOCUMENTS IN ACCORDANCE WITH THE APPROPRIATE APPROVING AUTHORITIES, SPECIFICATIONS AND REQUIREMENTS. CONTRACTOR SHALL CLEAR AND GRUB ALL AREAS UNLESS OTHERWISE INDICATED, REMOVING TREES, STUMPS, ROOTS, MUCK, EXISTING PAVEMENT AND ALL OTHER DELETERIOUS MATERIAL.
3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES WHICH MAY HAVE BURIED OR AERIAL UTILITIES WITHIN OR NEAR THE CONSTRUCTION AREA BEFORE COMMENCING WORK. THE CONTRACTOR SHALL PROVIDE 2 WORKING DAYS MINIMUM NOTICE TO ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR MUST CALL THE UTILITY COMPANIES BEFORE COMMENCING WORK.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED CONSTRUCTION PERMITS AND BONDS, IF REQUIRED, PRIOR TO CONSTRUCTION.
5. THE CONTRACTOR SHALL HAVE AVAILABLE AT THE JOB SITE AT ALL TIMES ONE COPY OF THE CONSTRUCTION DOCUMENTS INCLUDING PLANS, SPECIFICATIONS, AND SPECIAL CONDITIONS AND COPIES OF ANY REQUIRED CONSTRUCTION PERMITS.
6. ANY DISCREPANCIES ON THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER BEFORE COMMENCING WORK. NO FIELD CHANGES OR DEVIATIONS FROM DESIGN ARE TO BE MADE WITHOUT PRIOR APPROVAL OF THE OWNER AND THE ENGINEER.
7. ALL COPIES OF COMPACTION, CONCRETE AND OTHER REQUIRED TEST RESULTS ARE TO BE SENT TO THE OWNER AND ENGINEER OF RECORD DIRECTLY FROM THE TESTING AGENCY.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING TO THE ENGINEER A CERTIFIED RECORD SURVEY SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA DEPICTING THE ACTUAL FIELD LOCATION OF ALL CONSTRUCTED IMPROVEMENTS THAT ARE REQUIRED BY THE JURISDICTIONAL AGENCIES FOR THE CERTIFICATION PROCESS. ALL SURVEY COSTS SHALL BE THE CONTRACTORS RESPONSIBILITY.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTING AND MAINTAINING AS-BUILT INFORMATION WHICH SHALL BE RECORDED AS CONSTRUCTION PROGRESSES OR AT THE COMPLETION OF APPROPRIATE CONSTRUCTION INTERVALS AND SHALL BE RESPONSIBLE FOR PROVIDING AS-BUILT DRAWINGS TO THE OWNER FOR THE PURPOSE OF CERTIFICATION TO JURISDICTIONAL AGENCIES AS REQUIRED. ALL AS-BUILT DATA SHALL BE COLLECTED BY A STATE OF FLORIDA PROFESSIONAL LAND SURVEYOR WHOSE SERVICES ARE ENGAGED BY THE CONTRACTOR.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT CONFLICT WITH ANY KNOWN EXISTING OR OTHER PROPOSED IMPROVEMENTS. IF ANY CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITE WORK THAT WOULD BE AFFECTED. FAILURE TO NOTIFY OWNER OF AN IDENTIFIABLE CONFLICT PRIOR TO PROCEEDING WITH INSTALLATION RELIEVES OWNER OF ANY OBLIGATION TO PAY FOR A RELATED CHANGE ORDER.
11. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR VERIFYING ALL QUANTITIES, TAKE-OFF MEASUREMENTS, MATERIALS, ETC. DURING THE BID PROCESS WHEN DISCREPANCIES OCCUR, THE PHYSICAL PLAN TAKES PRECEDENCE, THE ENGINEER, OWNER, COUNTY, CITY OR PROJECT MANAGERS ARE NOT TO BE HELD RESPONSIBLE FOR DISCREPANCIES TO THE SPECIFICATIONS OR PLANS.
12. THE CONTRACTOR SHALL LIMIT CONSTRUCTION OPERATIONS TO WITHIN THE LIMITS OF CONSTRUCTION, THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ANY DAMAGES OUTSIDE THE LIMITS OF CONSTRUCTION.
13. FLORIDA LAW (F.S. 553.851) PROTECTION OF UNDERGROUND PIPELINES MANDATES THAT "NO EXCAVATOR SHALL COMMENCE OR PERFORM ANY EXCAVATION WITHOUT FIRST OBTAINING INFORMATION CONCERNING THE POSSIBLE LOCATION OF GAS PIPELINES IN THE AREA OF PROPOSED EXCAVATION." THE EXCAVATOR MUST NOTIFY THE GAS UTILITY A MINIMUM OF 2 WORKING DAYS AND A MAXIMUM OF 5 WORKING PRIOR TO EXCAVATING EXCLUDING HOLIDAYS AND WEEKENDS.
14. THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH THE LOCAL ELECTRICAL PROVIDER ON ANY WORK IN THE VICINITY OF OVERHEAD OR UNDERGROUND POWER LINES.
15. CONTRACTOR SHALL VERIFY PROPER CLEARANCE BELOW EXISTING OVERHEAD POWER LINES PRIOR TO WORKING WITHIN THE VICINITY OF THE POWER LINES.
16. CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING ALL PLANS RELATED TO SITE WORK FOR CONFLICTING INFORMATION AND ALERT THE OWNER AND ENGINEER OF ANY CONFLICT FOR RESOLUTION.
17. CONTRACTOR SHALL VERIFY LOCATION OF ALL IRRIGATION, LIGHTING, AND ELECTRICAL CONDUIT THAT WILL BE IN CONFLICT WITH ANY PROPOSED CONSTRUCTION AND SHALL RESOLVE CONFLICT ACCORDINGLY. COST OF CONFLICT RESOLUTION SHALL BE INCLUDED IN THE BID.
18. ANY DEBRIS RESULTING FROM STRIPPING AND DEMOLITION OPERATIONS SHALL BE REMOVED FROM THE SITE AT FREQUENT INTERVALS TO PREVENT THIS MATERIAL FROM ACCUMULATING ON SITE.
19. UPON REMOVAL OF TREES, SHRUBS OR ANY STUMP GRINDING, NO ROOT GREATER THAN THREE INCHES IN DIAMETER SHALL REMAIN WITHIN FIVE FEET OF AN UNDERGROUND STRUCTURE OR UTILITY LINE OR UNDER PAVED FOOTINGS OR PAVED AREAS.
20. THE CONTRACTOR SHALL RESTORE ALL DISTURBED VEGETATION IN KIND, UNLESS SHOWN OTHERWISE.
21. THE CONTRACTOR SHALL KEEP THE SITE CLEAN AND ORGANIZED AT THE END OF EACH WORKING DAY. ALL MACHINES SHALL BE LINED UP IN AN ORDERLY MANNER AND SECURED. ALL TRASH SHALL BE PICKED UP AND DISPOSED OF AND ALL MATERIALS SHALL BE STORED IN AN ORDERLY MANNER
22. ALL FIRE PROTECTION EQUIPMENT RELATED TO INTENDED TRADE WILL BE PROVIDED AS REQUIRED BY 906.

PRE-CONSTRUCTION RESPONSIBILITIES

1. UPON RECEIPT OF NOTICE OF AWARD, THE CONTRACTOR SHALL ARRANGE A PRECONSTRUCTION CONFERENCE TO INCLUDE ALL INVOLVED GOVERNMENTAL AGENCIES, ALL AFFECTED UTILITY OWNERS, THE OWNER, THE ENGINEER AND ITSELF.
2. THE CONTRACTOR SHALL CONTACT "SUNSHINE STATE ONE CALL OF FLORIDA, INC. (811) AT LEAST 2 WORKING DAYS PRIOR TO BEGINNING ANY EXCAVATION
3. PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE SIZE, LOCATION, ELEVATION, AND MATERIAL OF ALL EXISTING UTILITIES WITHIN THE AREA OF CONSTRUCTION.
4. EXISTING UTILITY LOCATIONS SHOWN ON THESE PLANS ARE APPROXIMATE. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF EXISTING UTILITIES SHOWN OR FOR ANY EXISTING UTILITIES NOT SHOWN.
5. IF UPON EXCAVATION, AN EXISTING UTILITY IS FOUND TO BE IN CONFLICT WITH THE PROPOSED CONSTRUCTION OR TO BE OF A SIZE OR MATERIAL DIFFERENT FROM THAT SHOWN ON THE PLANS; THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER.

PAVING, GRADING AND DRAINAGE NOTES

1. ALL PAVING, CONSTRUCTION, MATERIALS, AND WORK WITHIN VILLAGE OF WELLINGTON RIGHT-OF-WAY OR EASEMENT SHALL BE IN ACCORDANCE WITH LOCAL AND FDOT SPECIFICATIONS AND STANDARDS (LATEST EDITION) WHICHEVER IS MOST STRINGENT.
2. ALL UNPAVED AREAS DISTURBED BY CONSTRUCTION SHALL BE REGRADED AND SODDED, UNLESS OTHERWISE NOTED.
3. THE CONTRACTOR SHALL GRADE THE SITE TO THE ELEVATIONS INDICATED AND SHALL REGRADE WASHOUTS WHERE THEY OCCUR AFTER EVERY RAINFALL UNTIL A GRASS STAND IS WELL ESTABLISHED OR ADEQUATE STABILIZATION OCCURS.
4. ALL OPEN AREAS WITHIN THE PROJECT SITE SHALL BE SODDED WITH IN KIND SOD UNLESS INDICATED OTHERWISE ON THE ENGINEERING OR LANDSCAPE PLANS. SOD, WHERE CALLED FOR, MUST BE INSTALLED AND MAINTAINED ON EXPOSED SLOPES WITHIN 48 HOURS OF COMPLETING FINAL GRADING, AND AT ANY OTHER TIME AS NECESSARY, TO PREVENT EROSION, SEDIMENTATION OR TURBID DISCHARGES.
5. ALL AREAS INDICATED AS PAVEMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TYPICAL PAVEMENT SECTIONS AS INDICATED ON THE DRAWINGS.
6. THE CONTRACTOR SHALL INSTALL INLET PROTECTION AT ALL DRAINAGE STRUCTURES FOR THE DURATION OF CONSTRUCTION AND UNTIL ACCEPTANCE OF THE PROJECT BY THE OWNER. ALL DRAINAGE STRUCTURES AND PIPES WITHIN THE LIMITS OF CONSTRUCTION SHALL BE CLEANED OF DEBRIS AS REQUIRED DURING AND AT THE END OF CONSTRUCTION TO PROVIDE POSITIVE DRAINAGE FLOWS.
7. IF DEWATERING IS REQUIRED, THE CONTRACTOR SHALL OBTAIN ANY APPLICABLE REQUIRED PERMITS. THE CONTRACTOR IS TO COORDINATE WITH THE OWNER AND THE DESIGN ENGINEER PRIOR TO ANY EXCAVATION.
8. CONTRACTOR TO STRIP TOPSOIL AND ORGANIC MATTER FROM ALL AREAS OF THE SITE AS REQUIRED. IN SOME CASES TOPSOIL MAY BE STOCKPILED ON SITE FOR PLACEMENT WITHIN LANDSCAPED AREAS AS DIRECTED BY THE OWNER.
9. FIELD DENSITY TESTS SHALL BE TAKEN AT INTERVALS IN ACCORDANCE WITH THE LOCAL JURISDICTIONAL AGENCY OR TO FDOT STANDARDS. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
10. ALL SLOPES AND AREAS DISTURBED BY CONSTRUCTION SHALL BE GRADED AS PER PLANS. THE AREAS SHALL THEN BE SODDED OR SEEDED AS SPECIFIED IN THE PLANS, FERTILIZED, MULCHED, WATERED AND MAINTAINED UNTIL A GOOD STAND OF GRASS GROWTH IS ESTABLISHED IN ALL AREAS. ANY AREAS DISTURBED FOR ANY REASON PRIOR TO FINAL ACCEPTANCE OF THE JOB SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. ALL EARTHEN AREAS WILL BE SODDED OR SEEDED AND MULCHED AS SHOWN ON THE LANDSCAPING PLAN.
11. ALL CUT OR FILL SLOPES SHALL BE 4 (HORIZONTAL) : 1 (VERTICAL) OR FLATTER UNLESS OTHERWISE SHOWN.
12. THE CONTRACTOR SHALL ENSURE THAT ISLAND PLANTING AREAS AND OTHER PLANTING AREAS ARE NOT COMPACTED AND DO NOT CONTAIN ROAD BASE MATERIALS. THE CONTRACTOR SHALL ALSO EXCAVATE AND REMOVE ALL UNDESIRABLE MATERIAL FROM ALL AREAS ON THE SITE TO BE PLANTED AND PROPERLY DISPOSED OF IN A LEGAL MANNER.
13. CONTRACTOR SHALL ADJUST ALL MANHOLES, VALVE BOXES, ETC. TO PROPOSED GRADE AS REQUIRED.
14. CONTRACTOR SHALL FLUSH AND CLEAN ALL DEBRIS FROM THE STORMWATER SYSTEM AFFECTED UPON THE COMPLETION OF CONSTRUCTION.

VILLAGE OF WELLINGTON GENERAL NOTES

1. CONCRETE – ALL CONCRETE SHALL DEVELOP 3000 P.S.I. (MINIMUM) 28 DAY COMPRESSIVE STRENGTH OR GREATER WHERE NOTED ON PLANS. CLASS I CONCRETE SHALL CONFORM WITH THE F.D.O.T. SPECIFICATIONS, LATEST EDITION. CLASS I CONCRETE USED AS PAVING SHALL DEVELOP 3000 P.S.I. (MINIMUM) 28 DAYS COMPRESSIVE STRENGTH, UNLESS OTHERWISE SPECIFIED ON THESE PLANS
2. PAVEMENT MARKINGS – SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS AND THE LATEST PALM BEACH COUNTY TYPICAL.
3. ALL DRAINAGE SYSTEMS SHALL BE PUMPED DOWN TO BELOW ONE-THIRD OF THE DIAMETER OF THE PIPE (FROM THE INVERT) AND LAMPED AS A REQUIREMENT OF THE FINAL DRAINAGE INSPECTION.
4. GRADES SHOWN ARE FINISHED GRADES.
5. GRADE ELEVATIONS REFER TO THE EDGE OF PAVEMENT SIDE OF THE GRADE.
6. MINIMUM ROAD CROWN ELEVATION SHALL BE SET BY THE ELEVATION OF THE 5 YEAR 3 DAY STORM.
7. THE MINIMUM FINISH FLOOR ELEVATION FOR ANY RESIDENTIAL STRUCTURE SHALL BE SET AT OR ABOVE THE ONE IN ONE HUNDRED YEAR FREQUENCY STORM OR 18" ABOVE THE CROWN OF ROAD, WHICHEVER IS HIGHER.
8. CLEARING AND GRUBBING – WITHIN THE LIMITS OF CONSTRUCTION, ALL VEGETATION AND ROOT MATERIAL SHALL BE REMOVED.
9. GUMBO – WHERE GUMBO OR OTHER PLASTIC CLAYS ARE ENCOUNTERED, THEY SHALL BE REMOVED WITHIN THE ROADWAY AND PARKING AREAS ONE FOOT BELOW THE SUBGRADE EXTENDING HORIZONTALLY TO THE OUTSIDE EDGE OF THE SHOULDER AREA.
10. HARDPAN – IF HARDPAN IS ENCOUNTERED IN THE SWALE AREA, IT WILL BE REMOVED TO A WIDTH OF TWO FEET AT THE SWALE INVERT AND REPLACED WITH GRANULAR MATERIAL.
11. MUCK AND PEAT – IF MUCK AND/OR PEAT ARE ENCOUNTERED IN THE ROAD OR PARKING AREA, THEY WILL BE REMOVED COMPLETELY TO A WIDTH OF TEN FEET BEYOND THE EDGE OF PAVEMENT AND SHALL BE BACKFILLED WITH GRANULAR MATERIAL.
12. WHERE SOD IS DESIRED, LOWER THE GRADE 2" BELOW THE FINISHED GRADE TO ALLOW FOR THE THICKNESS OF THE SOD.
13. PIPE BACKFILL – REQUIREMENTS FOR PIPE BACKFILL CROSSING ROADS OR PARKING AREAS SHALL BE DEFINED IN THE FLORIDA D.O.T. SPECIFICATIONS, LATEST EDITION. PIPELINE BACKFILL SHALL BE PLACED IN SIX INCH LIFTS AND COMPACTED TO 100% OF THE STANDARD PROCTOR (A.A.S.H.T.O.) T-99 SPECIFICATIONS.
14. INLETS AND MANHOLES – ALL INLETS AND MANHOLES SHALL BE CONSTRUCTED IN ACCORDANCE WITH FLORIDA D.O.T. SPECIFICATIONS, LATEST EDITION, AND ROADWAY AND TRAFFIC DESIGN STANDARDS, LATEST EDITION, AND VILLAGE OF WELLINGTON STANDARDS, LATEST EDITION.
15. REINFORCED CONCRETE PIPE – THE PIPE SHALL CONFORM WITH THE REQUIREMENTS OF CLASS III OF A.S.T.M. C-76 AND WITH F.D.O.T. SPECIFICATIONS, LATEST EDITION. THE FIRST JOINT OF PIPE ENTERING OR LEAVING A MANHOLE OR INLET SHALL BE WRAPPED WITH FILTER FABRIC PER F.D.O.T. SPECIFICATIONS.
16. ALL PAVING AND DRAINAGE WORK SHALL BE CONSTRUCTED IN FULL ACCORDANCE WITH VILLAGE OF WELLINGTON LATEST STANDARDS.
17. SUBGRADE – SHALL BE COMPACTED AND MEET THE DENSITY REQUIREMENTS AS DETERMINED BY THE A.A.S.H.T.O.T-180 SPECIFICATIONS. SUBGRADE SHALL EXTEND 12" BEYOND THE PROPOSED EDGE OF PAVEMENT AND/OR 6" BEYOND VALLEY GUTTER, TYPE "F;" CURB AND GUTTER OR TYPE "D" CURB. SUBGRADE SHALL BE 12" THICK COMPACTED TO 98% ACCORDING TO A.A.S.H.T.O. T-180. ALL MUCK, STUMPS, ROOTS OR OTHER DELETERIOUS MATTER ENCOUNTERED IN THE PREPARATION OF THE SUBGRADE SHALL BE REMOVED COMPLETELY FROM THE CENTERLINE OF THE ROADWAY TO A WIDTH OF TEN FEET BEYOND THE EDGE OF PAVEMENT. IF SUBGRADE IS REQUIRED TO BE STABILIZED, THE REQUIRED BEARING VALUE DETERMINATIONS SHALL BE MADE BY THE FLORIDA BEARING TEST, TEST METHOD "C" OF A.A.S.H.T.O. T-180 SPECIFICATIONS.
18. BASE – APPROVED LOCAL BASE MATERIAL SHALL BE COMPACTED TO NOT LESS THAN 98% MAXIMUM DENSITY AS DETERMINED BY A.A.S.H.T.O. T-180 SPECIFICATIONS AND AS CALLED FOR IN FLORIDA D.O.T. SPECIFICATIONS, LATEST EDITION.
19. PRIME COAT – BITUMINOUS PRIME COAT SHALL CONFORM WITH THE REQUIREMENTS OF THE FLORIDA D.O.T. SPECIFICATIONS, LATEST EDITION AND SHALL BE APPLIED AT THE RATE OF 0.25 GALLONS PER SQUARE YARD, UNLESS A LOWER RATE IS DIRECTED BY THE ENGINEER.
20. TACK COAT – BITUMINOUS TACK COAT SHALL CONFORM WITH THE REQUIREMENTS OF THE FLORIDA D.O.T. SPECIFICATIONS, LATEST EDITION AND SHALL BE APPLIED AT THE RATE OF 0.08 GALLONS PER SQUARE YARD, UNLESS A VARIATION IS APPROVED BY THE ENGINEER.
21. ROLLING STRAIGHT EDGE REQUIRED AT THE ENGINEERS OR INSPECTORS DISCRETION

EROSION CONTROL NOTES

1. THE STORM WATER POLLUTION PREVENTION PLAN ("SWPPP") IS COMPRISED OF THE EROSION CONTROL PLAN, THE STANDARD DETAILS, AND ALL SUBSEQUENT REPORTS AND RELATED DOCUMENTS PROVIDED BY THE CONTRACTOR.
2. ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN AND THE STATE OF FLORIDA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT (NPDES PERMIT) AND BECOME FAMILIAR WITH THEIR CONTENTS.
3. THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THE SWPPP. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST TO THE OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
4. BEST MANAGEMENT PRACTICES (BMP'S) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE. THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY THE PERMITTING AGENCY OR OWNER.
5. EROSION CONTROL PLAN MUST CLEARLY DELINEATE ALL STATE WATERS. PERMITS FOR ANY CONSTRUCTION ACTIVITY IMPACTING STATE WATERS OR REGULATED WETLANDS MUST BE MAINTAINED ON SITE AT ALL TIMES.
6. THE CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL OR AS REQUIRED BY THE GENERAL PERMIT.
7. CONTRACTOR SHALL DENOTE ON PLAN THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA, EMPLOYEE PARKING AREA, AND AREA FOR LOCATING PORTABLE FACILITIES, OFFICE TRAILERS, AND TOILET FACILITIES.
8. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
9. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF DUST AND DIRT RISING AND SCATTERING IN THE AIR DURING CONSTRUCTION AND SHALL PROVIDE WATER SPRINKLING OR OTHER SUITABLE METHODS OF CONTROL. THE CONTRACTOR SHALL COMPLY WITH ALL GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION, THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
11. RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
12. ALL STORM WATER POLLUTION PREVENTION MEASURES PRESENTED ON THE PLAN, SHALL BE INITIATED AS SOON AS PRACTICABLE.
13. STABILIZATION PRACTICES SHOULD BE INITIATED AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7 DAYS WHERE CONSTRUCTION HAS TEMPORARILY OR PERMANENTLY CEASED.
14. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY STABILIZED. THESE AREAS SHALL BE STABILIZED NO LATER THAN 7 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRED.
15. IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE.
16. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED AS SOON AS POSSIBLE.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING SEDIMENT IN THE STORMWATER LAKES AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.
18. ON-SITE & OFF-SITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE EROSION CONTROL PLAN AND PERMITTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS.
19. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
20. DUE TO GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (SILT FENCES, ETC.) TO PREVENT EROSION.
21. ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY, THIS INCLUDES BACK FILLING OF TRENCHES FOR UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OR BITUMINOUS PAVING FOR ROAD CONSTRUCTION.
22. EROSION CONTROL PLANS PROVIDED HEREIN ARE A GUIDELINE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR PREPARING THE FINAL POLLUTION PREVENTION PLAN. THE PLAN SHALL BE SUBMITTED TO THE OWNER AND ENGINEER WHICH DEMONSTRATES THE MECHANISMS AND PRACTICES THAT WILL BE EMPLOYED TO PROTECT THE CONSTRUCTION SITE AND SURROUNDING AREA DURING CONSTRUCTION. THE PLAN SHALL BE CONSISTENT WITH FEDERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES PERMIT REQUIREMENTS PERTAINING TO POLLUTION PREVENTION PLANS. THE PLAN SHALL INCLUDE, BUT NOT BE LIMITED TO, THE LOCATIONS OF SILT BARRIERS, TURBIDITY SCREENS OR TEMPORARY SHEETING, EMERGENCY RESPONSE PRACTICES, AND OTHER METHODS TO PREVENT POLLUTION, REFUELING OR STORAGE OF VEHICLES OR EQUIPMENT THAT UTILIZE PETROLEUM BASED PRODUCTS SHALL BE PROHIBITED ANYWHERE WITHIN 50 FEET OF A WATER'S EDGE. THE PLAN SHALL BE SUBMITTED TO THE OWNER AFTER NOTICE OF AWARD AND PRIOR TO NOTICE TO PROCEED. AFTER REVIEW BY OWNER THE PLAN SHALL BE FILED WITH ALL APPLICABLE REGULATORY AGENCIES BY THE CONTRACTOR. REFER TO FURTHER NOTES AND DETAILS WITHIN THESE DOCUMENTS.
23. SILT FENCE IS REQUIRED AS SHOWN ON THE PLANS AND ANYWHERE ADDITIONAL AT THE CONTRACTOR'S DISCRETION OR AS CHANGED BY CONSTRUCTION. SILT FENCE IS NOT APPLICABLE IN PAVEMENT AREAS. LIMITS OF CONSTRUCTION SHOWN ARE DIAGRAMMATIC. CONTRACTOR TO PROVIDE PLAN FOR SHOP DRAWING REVIEW
24. THE CONTRACTOR SHALL TAKE ALL REQUIRED MEASURES TO CONTROL TURBIDITY, INCLUDING BUT NOT LIMITED TO THE INSTALLATION OF TURBIDITY BARRIERS AT ALL LOCATIONS WHERE THE POSSIBILITY OF TRANSFERRING SUSPENDED SOLIDS INTO THE RECEIVING WATER BODY EXISTS DUE TO THE PROPOSED WORK. TURBIDITY BARRIERS MUST BE MAINTAINED IN EFFECTIVE CONDITION AT ALL LOCATIONS UNTIL CONSTRUCTION IS COMPLETED AND DISTURBED SOIL AREAS ARE STABILIZED. THEREAFTER, THE CONTRACTOR MUST REMOVE THE BARRIERS. AT NO TIME SHALL THERE BE ANY OFF-SITE DISCHARGE WHICH VIOLATES THE WATER QUALITY STANDARDS IN CHAPTER 17-302, FLORIDA ADMINISTRATIVE CODE.

MINIMUM REQUIRED AS-BUILT INFORMATION

1. ALL AS-BUILT INFORMATION SUBMITTED TO THE ENGINEER SHALL BE SUFFICIENTLY ACCURATE, CLEAR, AND LEGIBLE TO SATISFY THE ENGINEER THAT THE INFORMATION PROVIDES A TRUE REPRESENTATION OF THE IMPROVEMENTS CONSTRUCTED.
2. UTILITY CROSSING SEPARATION INFORMATION FOR THAT PROVIDED ON THE PLANS VERIFYING
 - A. SIZE AND MATERIAL OF CROSSING PIPES
 - B. TOP ELEVATION OF BOTTOM PIPE
 - C. BOTTOM ELEVATION OF TOP PIPE
 - D. FINISH SURFACE ELEVATION OVER UTILITY CROSSING
3. STORM DRAINAGE:
 - A. TOP ELEVATION OF EACH MANHOLE FRAME AND COVER / GRATE AS WELL ALL OTHER STRUCTURES (HEADWALLS, CONTROL STRUCTURES, ETC.).
 - B. INVERT ELEVATION OF EACH LINE ENTERING AND LEAVING EACH STRUCTURE, INCLUDING UNDERDRAIN PIPES
 - C. INVERTS OF ALL MITERED END SECTIONS
 - D. ACTUAL GRADE OF PIPE BETWEEN THE STRUCTURES
 - E. INVERT ELEVATION AND TWO HORIZONTAL TIES FROM PERMANENT VISIBLE OBJECTS TO ALL STORM STUB-OUTS.
 - F. CONTRACTOR SHALL PROVIDE ACCURATE AS-BUILT DIMENSIONS AND ELEVATIONS OF THE STORM WATER MANAGEMENT AREAS IMMEDIATELY AFTER FINAL GRADING AND PRIOR TO SEEDING OR SODDING OF THE SLOPES. AT A MINIMUM, THE CONTRACTOR SHALL PROVIDE CROSS SECTIONS ON ALL SIDES OF THE WATER MANAGEMENT AREAS AT 100-FOOT INTERVALS. THE CROSS SECTIONS SHALL BE PROVIDED FROM TOP OF BANK TO THE SLOPE BREAK BELOW CONTROL ELEVATION THE ENGINEER'S APPROVAL IS REQUIRED PRIOR TO GRASSING OF THE BANK. IF ANY MODIFICATIONS ARE SPECIFIED, ADDITIONAL AS-BUILTS MAY BE REQUIRED.
4. PRESSURE SYSTEMS (WATER, RECLAIMED, AND FORCE MAINS):
 - A. ACTUAL LENGTHS BETWEEN BRANCHES AND VALVES ALONG THE MAIN RUN.
 - B. TOP OF PIPE AND FINISHED GRADE ELEVATIONS AT 100' INTERVALS.
 - C. LOCATE WITH MEASUREMENTS FROM PERMANENT VISIBLE OBJECTS ALL FITTINGS/ACCESSORIES NOT VISIBLE FROM THE SURFACE (MINIMUM TWO POINT TIES).
 - D. AS-BUILT INFORMATION SUBMITTED TO THE ENGINEER SHALL BE SUFFICIENTLY ACCURATE, CLEAR AND LEGIBLE TO SATISFY THE ENGINEER THAT THE INFORMATION PROVIDES A TRUE REPRESENTATION OF THE IMPROVEMENTS CONSTRUCTED.
 - E. ALL AS-BUILT INFORMATION SUBMITTED TO THE ENGINEER SHALL BE SUFFICIENTLY ACCURATE, CLEAR AND LEGIBLE TO SATISFY THE ENGINEER THAT THE INFORMATION PROVIDES A TRUE REPRESENTATION OF THE IMPROVEMENTS CONSTRUCTED.
 - F. UPON COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER OF RECORD COMPLETE SETS OF AS-BUILT CONSTRUCTION DRAWINGS AS REQUIRED FOR SUBMITTAL AND APPROVAL. THESE DRAWINGS SHALL BE MARKED TO SHOW "AS-BUILT" CONSTRUCTION CHANGES AND DIMENSIONED LOCATIONS AND ELEVATIONS OF ALL IMPROVEMENTS AND SHALL BE SIGNED AND SEALED BY A FLORIDA REGISTERED LAND SURVEYOR.
 - G. ALL OTHER REQUIRED PRESSURE PIPE INFORMATION IN ACCORDANCE WITH THE AS-BUILT REQUIREMENTS OF UNINCORPORATED PALM BEACH COUNTY.
5. LOCATIONS AND DEPTHS OF UNDERGROUND UTILITIES.
6. REVISIONS TO ROUTING OF PIPING AND CONDUITS.
7. REVISIONS TO ELECTRICAL CIRCUITRY.
8. ACTUAL EQUIPMENT LOCATIONS.
9. CHANGES MADE BY CHANGE ORDER OR CONSTRUCTION CHANGE DIRECTIVE.
10. CHANGES MADE FOLLOWING ENGINEER'S WRITTEN ORDERS.
11. DETAILS NOT ON THE ORIGINAL CONTRACT DRAWINGS.
12. FIELD RECORDS FOR VARIABLE AND CONCEALED CONDITIONS.
13. ALL SLEEVES, FITTINGS, TEES, BENDS, VALVES, ETC. SHALL BE LOCATED BY STATION/OFFSET (OR METHOD APPROVED BY ENGINEER) AND ELEVATION OF TOP OF PIPE FOR ALL CONSTRUCTED SLEEVING. AS-BUILTS FOR ALL SLEEVING DEPICTING TOP OF PIPE AT 100-FOOT INTERVALS MUST BE PROVIDED.
14. CONTROL STRUCTURES SHALL BE AS-BUILT, INCLUDING THE BLEEDER AND/OR WEIR INVERT TOP ELEVATIONS AND SIZES, RIM AND INVERTS OF STRUCTURE. AT THE TIME OF THE CONTROL STRUCTURE INSTALLATION, A PERMANENT BENCHMARK SHOULD BE INSTALLED ON TOP OF THE STRUCTURE WITH THE ELEVATION CLEARLY DEFINED.
15. RECORD DRAWINGS SHALL INDICATE AS-BUILT DATA FOR EVERY ELEVATION SHOWN ON THE PLANS.
16. IF A NEW BENCHMARK LOCATION IS ESTABLISHED, CONTRACTOR SHALL PROVIDE A BENCH LOOP CLOSURE TO THE CLOSEST EXISTING BENCHMARKS IN BOTH DIRECTIONS. ALL BENCHMARK DATA SHALL BE SUBMITTED BY A REGISTERED LAND SURVEYOR.
17. IDENTIFICATION OF ADDENDUM ITEMS ISSUED DURING BIDDING PERIOD.
18. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL AS-BUILT DATA FOR UTILITIES AND SLEEVING IS COLLECTED PRIOR TO PAVEMENT SECTION CONSTRUCTION. PRELIMINARY UTILITY AS-BUILTS MUST BE PROVIDED TO THE ENGINEER FOR REVIEW PRIOR TO PAVEMENT SECTION CONSTRUCTION.

MAINTENANCE

1. ALL MEASURES STATED ON THE EROSION AND SEDIMENT CONTROL PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A 0.5" RAINFALL EVENT, AND CLEANED AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:
2. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING, OR DETERIORATION.
3. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED AND RESEEDED AS NEEDED.
4. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE.
5. THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC OR PRIVATE RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITIONS DEMAND.
6. THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AS CONDITIONS DEMAND.
7. ALL MAINTENANCE OPERATIONS SHALL BE DONE IN A TIMELY MANNER BUT IN NO CASE LATER THAN 2 CALENDAR DAYS FOLLOWING THE INSPECTION.

ELEVATIONS SHOWN IN NAVD

BID PLANS
04/22/2022

REVISIONS		NO.	DATE	REMARKS	BY

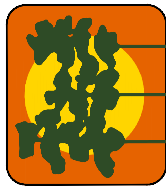
©COPYRIGHT 2022 VILLAGE OF WELLINGTON. THIS DRAWING IS AN INSTRUMENT OF SERVICE BY THE ENGINEER AND IS NOT TO BE REPRODUCED IN PART OR IN WHOLE WITHOUT THE WRITTEN SCOPE OF USE.

JONATHAN ROGER
FLORIDA LICENSE
No. 74033

GENERAL NOTES

FOR

WATER TREATMENT PLANT RAW
WATERMAIN-DRAINAGE
CONFLICT REPLACEMENT PROJECT



Engineering Department
12300 Forest Hill Boulevard, Wellington, Florida 33414

11/23/2020	JRR	JRR	JRR	WJR
START DATE	DRAWN	PROJECT ENGINEER	PROJECT MANAGER	CHECKED
3	3			
ENG JOB NO.	2021-006			

SECTION 3 – EXHIBIT R2 SCHEDULE OF VALUES



VILLAGE OF WELLINGTON - RWM-DRAINAGE CONFLICT REPLACEMENT

GMP

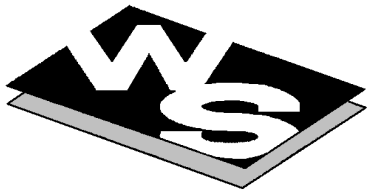
7/20/2022

COST SUMMARY

Direct Costs	LABOR	EQUIPMENT	MATERIALS	SUBS	TOTALS
Total Direct Costs	\$ -	\$ -	\$ -	\$ 99,800.00	\$ 99,800.00
Total GC's	\$ 39,630.66	\$ 120.00	\$ 5,005.50	\$ 1,000.00	\$ 45,756.16
Fee				\$ 13,100.05	\$ 13,100.05
Total for Direct Costs	\$ 39,630.66	\$ 120.00	\$ 5,005.50	\$ 113,900.05	\$ 158,656.21
Contingencies and Allowances	LABOR	EQUIPMENT	MATERIALS	SUBS	TOTALS
Owner Controlled Contingency				\$ 25,000.00	\$ 25,000.00
Dedicated Allowances (see next sheet)				\$ 40,000.00	\$ 40,000.00
Total for Contingencies and Allowances	\$0.00	\$0.00	\$0.00	\$ 65,000.00	\$ 65,000.00
Bond and Insurance	LABOR	EQUIPMENT	MATERIALS	SUBS	TOTALS
Bond				\$ 2,021.99	\$ 2,021.99
Insurance				\$ 1,318.28	\$ 1,318.28
Total for Bond and Insurance	\$0.00	\$0.00	\$0.00	\$3,340.27	\$3,340.27
GMP TOTALS	\$39,630.66	\$120.00	\$5,005.50	\$182,240.32	\$226,996.48



			COST OF WORK					
DESCRIPTION	QTY	UOM	LABOR	EQUIPMENT	MATERIALS	SUBS	\$ TOTALS	COMMENTS
			\$ AMOUNT	\$ AMOUNT	\$ AMOUNT	\$ AMOUNT		
DIRECT COSTS							\$ 99,800.00	
MASTER PLANT CONTRACTOR	1	LS	\$ -	\$ -	\$ -	\$ 99,800.00	\$ 99,800.00	Johnson-Davis
DEDICATED ALLOWANCES							\$ 40,000.00	
ALLOWANCE FOR Unforeseen Conditions	1	LS	\$ -	\$ -	\$ -	\$ 25,000.00	\$ 25,000.00	
ALLOWANCE FOR Testing	1	LS	\$ -	\$ -	\$ -	\$ 5,000.00	\$ 5,000.00	
ALLOWANCE FOR Permitting	1	LS	\$ -	\$ -	\$ -	\$ 10,000.00	\$ 10,000.00	
TOTAL DIRECT COST			\$ -	\$ -	\$ -	\$ 139,800.00	\$ 139,800.00	



Wharton-Smith, Inc.
CONSTRUCTION GROUP

	JOB NAME:	RWM-Drainage Conflict Replacement						
	ESTIMATE #:	1						

GENERAL CONDITIONS		1720 DIRECT MANHOURS						43	MANWEEKS								
	DURATION =		1	MONTHS, PLANNED			10	MEN									
DESCRIPTION	QTY	UNIT	MH/ UNIT	BASE RATE	LABOR				EQUIPMENT		MATERIAL			SUBCONTRACTS		\$ TOTALS	
					U/P	TOTAL MH	\$ AMOUNT		HR/UNIT	RATE	\$ AMOUNT	U/P	\$ AMOUNT	\$ AMOUNT	U/P		\$ AMOUNT
PROJECT MANAGEMENT TEAM	W/ 6.5% TAX																
FIELD STAFF																	
SUPERINTENDENT I	6.51	WK	20	\$93.00	\$1,860.00	130.20	12,108.60			\$0.00		\$0.00	\$0.00		\$0.00	\$12,108.60	
FIELD ENGINEER	6.51	WK	20	\$60.00	\$1,200.00	130.20	7,812.00			\$0.00		\$0.00	\$0.00		\$0.00	\$7,812.00	
OFFICE STAFF																	
ASSISTANT PROJECT MANAGER	6.51	WK	8	\$75.00	\$600.00	52.08	3,906.00			\$0.00		\$0.00	\$0.00		\$0.00	\$3,906.00	
PROJECT ENGINEER	6.51	WK	16	\$61.00	\$976.00	104.16	6,353.76			\$0.00		\$0.00	\$0.00		\$0.00	\$6,353.76	
OTHER STAFF																	
COST ACCOUNTANT	6.51	WK	2	\$70.00	\$140.00	13.02	911.40			\$0.00		\$0.00	\$0.00		\$0.00	\$911.40	
SAFETY COORDINATOR	6.51	WK	2	\$95.00	\$190.00	13.02	1,236.90			\$0.00		\$0.00	\$0.00		\$0.00	\$1,236.90	
RELATED MANAGEMENT COSTS																	
HOLIDAY & VACATION PAY	1	LS		\$40.00	\$0.00	0.00	2,800.00			\$0.00		\$0.00	\$0.00		\$0.00	\$2,800.00	
TEMP.FACILITIES & UTILITIES																	
WATER, MONTHLY	2	MO		\$40.00	\$0.00	0.00	0.00			\$0.00	\$100.00	\$200.00	\$213.00		\$0.00	\$213.00	
CELLULAR TELEPHONE, MONTHLY CHARGES	2	MO	5	\$40.00	\$200.00	7.50	300.00			\$0.00	\$200.00	\$300.00	\$319.50		\$0.00	\$619.50	
TOOL TRAILERS - <u>1</u> REQUIRED	2	MO		\$40.00	\$0.00	0.00	0.00			\$0.00	\$200.00	\$300.00	\$319.50		\$0.00	\$319.50	
TEMPORARY TOILETS - <u>1</u> REQUIRED	2	MO		\$40.00	\$0.00	0.00	0.00			\$0.00	\$200.00	\$300.00	\$319.50		\$0.00	\$319.50	
CONSTRUCTION EQUIPMENT & TOOLS																	
SMALL TOOLS AND SUPPLIES	1	LS		\$40.00	\$0.00	0.00	0.00			\$0.00	\$3,010	\$3,010.00	\$3,205.65		\$0.00	\$3,205.65	
SUPT PICKUP TRUCK w/ FUEL, OIL, GREASE	1	MO	32.5	\$40.00	\$1,300.00	32.50	1,300.00	1	\$0	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$1,300.00	
SAFETY & HEALTH & HOUSEKEEPING																	
CLEAN-UP AT END OF PROJECT	1	LS	40	\$40.00	\$1,600.00	40.00	1,600.00			\$0.00		\$0.00	\$0.00		\$0.00	\$1,600.00	
CLEAN-UP THROUGHOUT DURATION OF PROJECT	6.51	WK	5	\$40.00	\$200.00	32.55	1,302.00			\$0.00		\$0.00	\$0.00		\$0.00	\$1,302.00	
TOTAL GENERAL CONDITIONS	555.23						39,630.660	\$120				\$4,473.00			\$0.00		\$44,223.66
GENERAL REQUIREMENTS																	
PROJECT DOCUMENTATION AND SERVICES																	
PRE-CONSTRUCTION AUDIO-VIDEO DOCUMENTATION	1	LS		\$40.00	\$0.00	0.00	0.00			0.00		0.00	0.00	\$1,000.00	\$1,000.00	\$1,000.00	
PLANS & SPECIFICATIONS REPRODUCTION COSTS	1	LS		\$40.00	\$0.00	0.00	0.00			0.00	500.00	500.00	532.50		\$0.00	\$532.50	
TOTAL GENERAL REQUIREMENTS	0.00						0.00	0.00				532.50			\$1,000.00		\$1,532.50



BID EVALUATION FORMS

Subcontractor Bid
Evaluation and
Comparison
Sheet

Trade Description:

Project Name:

Owner:

Bid Date:

Master Plant Contractor

RWM Outfall Replacement

Village of Wellington

Friday, July 1 2022

Scope Item Description	Wharton-Smith		Johnson-Davis		DS Eakins			
	Greg Williams		Jim Amsler					
	561-345-1858		561-356-0162					
Base Bid Before Alternates	\$	125,182.00	\$	99,800.00	NO BID			
Outfall Installation	\$	125,182.00	\$	99,800.00				
Alternates								
N/A								
Bid Document Requirements								
BID Form	N/A		N/A					
Clarifications/Exceptions	Note in Proposal		Noted in Proposa					
Acknowledge Addenda	N/A		N/A					
Additional Notes								
Payment & Performance Bond Rate	N/A		N/A					
Submittal Package Lead Time	2 weeks		2 weeks					
Material Delivery	4 weeks		4 weeks					
SUBTOTAL:	\$	125,182	\$	99,800	\$	-	\$	-
Bond:	0.00%	Excluded	0.00%	Excluded	0.00%	\$	-	0.00%
Adjustment	None		None					
Total Adjusted Scope:	\$	125,182.00	\$	99,800.00	\$	-	\$	-
Recommendation: Johnson-Davis	\$	125,182.00	\$	99,800.00	\$	-		

Recommend award to Johnson-Davis, Inc. as the lowest responsive bidder.
Updated price is good for 60 days.

Gregory Williams

From: James Amsler <jamsler@johnsondavis.com>
Sent: Tuesday, June 28, 2022 4:12 PM
To: Lamar Lulley
Cc: Earle Jackson; Gregory Williams
Subject: RE: 22-XXX VOW WTP Raw Watermain Drainage Conflict - Request for MPC Proposal
Attachments: Wellington WTP Raw WM Drainage J-D Proposal.pdf

Hello,

Attached is our proposal for the Drainage work to be done on this project. If you have any questions, please let me know.

Thank you,

Jim Amsler | Estimator | 604 Hillbrath Drive, Lantana, FL 33462
(561) 356-0162 – c | (561) 588-1170 – o | (561) 585-5252 – f | jamsler@johnsondavis.com



Construct with Confidence

From: Lamar Lulley <llulley@whartonsmith.com>
Sent: Wednesday, June 22, 2022 12:08 PM
To: James Amsler <jamsler@johnsondavis.com>
Cc: Earle Jackson <eljackson@whartonsmith.com>; Gregory Williams <gwilliams@whartonsmith.com>
Subject: 22-XXX VOW WTP Raw Watermain Drainage Conflict - Request for MPC Proposal

Hello Jim,

As discussed on the phone, attached are the construction plans for the Village of Wellington's WTP Raw Watermain Drainage Conflict Replacement project.

The general scope of work for the Master Plant Contractor includes but is not limited to:

- Demolition of the existing CMP culvert
- Manhole installation (2)
- 24-inch RCP and HDPE installation
- Canal bank restoration

Please let us know if you intend to provide a proposal for this work. We hope to have this proposal by Friday 6/24.

Thank you,

Lamar Lulley, Project Engineer Intern – South Florida Water/Wastewater

Wharton-Smith, Inc. | Construction Group of Choice

JOB NAME: WELLINGTON WTP RAW WM DRAINAGE CONFLICT REPLACEMENT

Item #	DESCRIPTION	BID Quantity	U.M.		BID	AMOUNT
	MOBILIZATION	1.00	LS		4,800.00	4,800.00
	GENERAL CONDITIONS	1.00	LS		8,300.00	8,300.00
	CLEARING AND GRUBBING	1.00	LS		8,500.00	8,500.00
	5' DIAMETER STORM MANHOLE	2.00	EA		11,500.00	23,000.00
	24" RCP	57.00	LF		500.00	28,500.00
	24" HDPE	20.00	LF		165.00	3,300.00
	RIP RAP RUBBLE & BEDDING STONE	38.00	TON		200.00	7,600.00
	RESTORATION (SOD, GUARDRAIL, AND ROADWAY)	1.00	LS		15,800.00	15,800.00

		\$	99,800.00
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* Notes

Bond is not included in our proposal.

No permits other than those listed below are included in our proposal.

Video inspection of the new drainage is not included.

*General Conditions Include...

Notice of Intent.

Dewatering permit with Engineering

Portable Sanitary Facilities.

Pre Construction Video.

Soils testing.

Survey, Layout, and As-Builts

Maintenance of Traffic

SECTION 4 – EXHIBIT R3 CONSTRUCTION SCHEDULE

VOW WTP RW-Drainage Conflict Replacement

#	Activity ID	Activity Name	Original Duration	Actual Duration	Duration % Complete	Start	Finish	Total Float	13-Jun-22 10:09																															
									S				October 2022				N				December 2022				January 2023			February 2023			March 2023			April 2023			2023			
									04	11	18	25	02	09	16	23	30	06	13	20	27	04	11	18	25	01	08	15	22	29	05	12	19	26	02	09	16	23	30	07
1	VOW WTP RW-Drainage Conflict Replacement		130	0	0%	06-Sep-22	09-Mar-23	0	VOW WTP RW-Drainage Conflict Replacement																															
2	Admiistration		130	0	0%	06-Sep-22	09-Mar-23	0	09-Mar-23, Admiistration																															
3	Village of Wellington		20	0	0%	06-Sep-22	03-Oct-22	40	03-Oct-22, Village of Wellington																															
4	A1000	Notice of Award	0	0	0%	06-Sep-22		0	Notice of Award																															
5	A1010	Notice to Proceed	0	0	0%	06-Sep-22		40	Notice to Proceed																															
6	A1020	Permitting	20	0	0%	06-Sep-22	03-Oct-22	40	Permitting																															
7	Wharton Smith		130	0	0%	06-Sep-22	09-Mar-23	0	09-Mar-23, Wharton Smith																															
8	A1070	Submittals/Approvals/Fabrication	60	0	0%	06-Sep-22	29-Nov-22	0	Submittals/Approvals/Fabrication																															
9	A1040	Substantial Completion	0	0	0%		09-Feb-23	0	Substantial Completion																															
10	A1050	Final Completion	0	0	0%		09-Mar-23	0	Final Completion																															
11	A1060	Punchlist	20	0	0%	10-Feb-23	09-Mar-23	0	Punchlist																															
12	Installation		50	0	0%	30-Nov-22	09-Feb-23	0	09-Feb-23, Installation																															
13	Wharton Smith		50	0	0%	30-Nov-22	09-Feb-23	0	09-Feb-23, Wharton Smith																															
14	A1030	Mobilization	5	0	0%	30-Nov-22	06-Dec-22	0	Mobilization																															
15	A1080	Site Investigation	5	0	0%	07-Dec-22	13-Dec-22	0	Site Investigation																															
16	A1090	Demo/Remove existing CMP Culvert	10	0	0%	14-Dec-22	28-Dec-22	0	Demo/Remove existing CMP Culvert																															
17	A1100	Set Drainage Struction S-02	3	0	0%	29-Dec-22	03-Jan-23	0	Set Drainage Struction S-02																															
18	A1130	Connect exsting 24-inch & 12-inch CMP to S-02	3	0	0%	04-Jan-23	06-Jan-23	0	Connect exsting 24-inch & 12-inch CMP to S-02																															
19	A1110	Install 60 feet of 24-inch RCP	10	0	0%	09-Jan-23	20-Jan-23	0	Install 60 feet of 24-inch RCP																															
20	A1120	Set Drainage Structure S-01	3	0	0%	23-Jan-23	25-Jan-23	0	Set Drainage Structure S-01																															
21	A1140	Install 20 feet of 24-inch HDPE S-01 -> Canal bank	4	0	0%	26-Jan-23	31-Jan-23	0	Install 20 feet of 24-inch HDPE S-01 -> Canal bank																															
22	A1150	Place filter fabric & RIP-RAP	4	0	0%	01-Feb-23	06-Feb-23	0	Place filter fabric & RIP-RAP																															
23	A1160	Restore Canal bank	3	0	0%	07-Feb-23	09-Feb-23	0	Restore Canal bank																															

Actual Work

Remaining Work

Critical Remaining Work

Milestone

Summary

VOW WTP RW-Drainage Conflict Replacement

Owner: Village of Wellington

Wharton Smith, Inc.

Data Date: 05-Sep-22

Contract Substantial Completion:

Contract Final Completion:

184 calendar days

SECTION 5 – EXHIBIT R4 CONSTRUCTION MANAGER’S ALLOWANCES

The GMP includes the following Allowances for work items with undefined scopes at this time. Please note that the allowances are currently shown below the line without fee, fee to be included on allowance usage once brought into the project as approved by the Village of Wellington.

1. Testing Lab - \$5,000
2. Unforeseen Conditions - \$25,000
3. Permitting - \$10,000.00

The GMP includes the following Contingencies. Please note that this contingency is currently shown below the line without fee, fee to be included on contingency usage once brought into the project as approved by the Village of Wellington.

1. Owner Controlled Contingency - \$25,000

SECTION 6 – EXHIBIT R5 ASSUMPTIONS AND CLARIFICATIONS

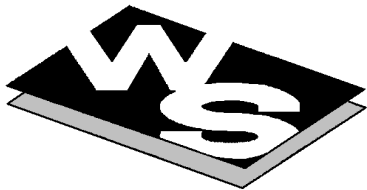
1. Please note the following assumptions and clarifications regarding this proposal:
2. The work is in accordance with Village of Wellington drawings WTP RWM-Drainage Conflict Replacement dated March 2022.
3. We have included an Owner Controlled Contingency of \$25,000.00. Please note that this contingency is currently shown below the line without fee, fee to be included on contingency usage once brought into the project as approved by the Village of Wellington.
4. We have included the following allowances for work items with undefined scopes at this time. Please note that the allowances are currently shown below the line without fee, fee to be included on allowance usage once brought into the project as approved by the Village of Wellington.
 - a. Testing Lab - \$5,000
 - b. Unforeseen Conditions - \$25,000
 - c. Permitting - \$10,000.00
5. We have included a performance and payment bond and insurances.
6. Costs associated with Davis-Bacon Wages & AIS Requirements have not been included.
7. Material will be released for fabrication upon shop drawing approval.
8. Please refer to Section 4 for the proposed GMP schedule. Please note that the P6 schedule is referenced in “work days” as the program automatically accounts for weekends and holidays. The contract time is expressed in “calendar days”. The 184 indicated equates to the 130 work days shown in the P6 schedule.

SECTION 7 – EXHIBIT R6 LIST OF EXTENDED WARRANTIES

The Construction Manager's warranty and the warranty of all subcontractors and suppliers will be in accordance with the Construction Manager at Risk Agreement and the Contract Documents. All work shall be warranted for a period of one (1) year from date of final acceptance by the owner or the manufacturer's standard warranty period, whichever is greater.

Extended warranties as required by the contract specifications will be furnished to the owner during the closeout phase and prior to receipt of final payment.

SECTION 8 – EXHIBIT R7 GENERAL CONDITIONS AND GENERAL REQUIREMENTS



Wharton-Smith, Inc.
CONSTRUCTION GROUP

	JOB NAME:	RWM-Drainage Conflict Replacement						
	ESTIMATE #:	1						

GENERAL CONDITIONS		1720 DIRECT MANHOURS						43	MANWEEKS								
	DURATION =		1	MONTHS, PLANNED			10	MEN									
DESCRIPTION	QTY	UNIT	MH/ UNIT	BASE RATE	LABOR				EQUIPMENT		MATERIAL			SUBCONTRACTS		\$ TOTALS	
					U/P	TOTAL MH	\$ AMOUNT		HR/UNIT	RATE	\$ AMOUNT	U/P	\$ AMOUNT	\$ AMOUNT	U/P		\$ AMOUNT
PROJECT MANAGEMENT TEAM	W/ 6.5% TAX																
FIELD STAFF																	
SUPERINTENDENT I	6.51	WK	20	\$93.00	\$1,860.00	130.20	12,108.60			\$0.00		\$0.00	\$0.00		\$0.00	\$12,108.60	
FIELD ENGINEER	6.51	WK	20	\$60.00	\$1,200.00	130.20	7,812.00			\$0.00		\$0.00	\$0.00		\$0.00	\$7,812.00	
OFFICE STAFF																	
ASSISTANT PROJECT MANAGER	6.51	WK	8	\$75.00	\$600.00	52.08	3,906.00			\$0.00		\$0.00	\$0.00		\$0.00	\$3,906.00	
PROJECT ENGINEER	6.51	WK	16	\$61.00	\$976.00	104.16	6,353.76			\$0.00		\$0.00	\$0.00		\$0.00	\$6,353.76	
OTHER STAFF																	
COST ACCOUNTANT	6.51	WK	2	\$70.00	\$140.00	13.02	911.40			\$0.00		\$0.00	\$0.00		\$0.00	\$911.40	
SAFETY COORDINATOR	6.51	WK	2	\$95.00	\$190.00	13.02	1,236.90			\$0.00		\$0.00	\$0.00		\$0.00	\$1,236.90	
RELATED MANAGEMENT COSTS																	
HOLIDAY & VACATION PAY	1	LS		\$40.00	\$0.00	0.00	2,800.00			\$0.00		\$0.00	\$0.00		\$0.00	\$2,800.00	
TEMP.FACILITIES & UTILITIES																	
WATER, MONTHLY	2	MO		\$40.00	\$0.00	0.00	0.00			\$0.00	\$100.00	\$200.00	\$213.00		\$0.00	\$213.00	
CELLULAR TELEPHONE, MONTHLY CHARGES	2	MO	5	\$40.00	\$200.00	7.50	300.00			\$0.00	\$200.00	\$300.00	\$319.50		\$0.00	\$619.50	
TOOL TRAILERS - <u>1</u> REQUIRED	2	MO		\$40.00	\$0.00	0.00	0.00			\$0.00	\$200.00	\$300.00	\$319.50		\$0.00	\$319.50	
TEMPORARY TOILETS - <u>1</u> REQUIRED	2	MO		\$40.00	\$0.00	0.00	0.00			\$0.00	\$200.00	\$300.00	\$319.50		\$0.00	\$319.50	
CONSTRUCTION EQUIPMENT & TOOLS																	
SMALL TOOLS AND SUPPLIES	1	LS		\$40.00	\$0.00	0.00	0.00			\$0.00	\$3,010	\$3,010.00	\$3,205.65		\$0.00	\$3,205.65	
SUPT PICKUP TRUCK w/ FUEL, OIL, GREASE	1	MO	32.5	\$40.00	\$1,300.00	32.50	1,300.00	1	\$0	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$1,300.00	
SAFETY & HEALTH & HOUSEKEEPING																	
CLEAN-UP AT END OF PROJECT	1	LS	40	\$40.00	\$1,600.00	40.00	1,600.00			\$0.00		\$0.00	\$0.00		\$0.00	\$1,600.00	
CLEAN-UP THROUGHOUT DURATION OF PROJECT	6.51	WK	5	\$40.00	\$200.00	32.55	1,302.00			\$0.00		\$0.00	\$0.00		\$0.00	\$1,302.00	
TOTAL GENERAL CONDITIONS	555.23						39,630.660	\$120				\$4,473.00			\$0.00		\$44,223.66
GENERAL REQUIREMENTS																	
PROJECT DOCUMENTATION AND SERVICES																	
PRE-CONSTRUCTION AUDIO-VIDEO DOCUMENTATION	1	LS		\$40.00	\$0.00	0.00	0.00			0.00		0.00	0.00	\$1,000.00	\$1,000.00	\$1,000.00	
PLANS & SPECIFICATIONS REPRODUCTION COSTS	1	LS		\$40.00	\$0.00	0.00	0.00			0.00	500.00	500.00	532.50		\$0.00	\$532.50	
TOTAL GENERAL REQUIREMENTS	0.00						0.00	0.00				532.50			\$1,000.00		\$1,532.50

SECTION 9 – EXHIBIT R8 SUBMITTAL SCHEDULE



Submittal Log: Wellington WTP - RWM-Drainage Conflict Replacement GMP					
Package	Submittal	Rev.	Title	Status	Comments
			Schedule of Values	UNS	
			Preconstruction Video	UNS	
			Project Schedule	UNS	
			Submittal Log	UNS	
			Dewatering Plan	UNS	
			Rip-Rap	UNS	
			Manholes	UNS	
			RCP	UNS	
			HPDE	UNS	