

# ADDENDUM NO. 2



**PROJECT NO:** STPSU-0220(256)  
**PROJECT DESCRIPTION:** INSTALLATION OF A ROUNDABOUT AT NORTH SECTION STREET/SCENIC 98 (VETERANS DR)/MAIN STREET  
**PROJECT OWNER:** CITY OF FAIRHOPE  
**OWNER REP / ENGINEER:** VOLKERT INC. / JORDAN STRINGFELLOW, P.E.  
**DATE OF ISSUE:** November 20, 2024  
**RECIPIENT:** Meeting Attendees and Plan Holders

## ADDENDUM NO. 2

The information included in Addendum No. 2 and attachments hereto shall be considered in preparation of the proposal for the above referenced project and shall be made part of the Contract Documents and Specifications of the above referenced project.

**RECEIPT OF THIS ADDENDUM SHALL BE ACKNOWLEDGED BY COMPLETING THE TABLE ON SHEET 1A OF THE BID DOCUMENTS & ATTACHING THE ADDENDUM WITH THE SUBMITTED BID. FAILURE TO ACKNOWLEDGE THIS ADDENDUM MAY RESULT IN NON-RESPONSIVE PROPOSAL.**

## PROPOSAL MODIFICATIONS, ITEMS OF CLARIFICATION, RESPONSES

### QUESTIONS

1. There is a minimum purchase requirement on (CDC) Cable in Duct that is specified in the plans (Pay Item Numbers 750G-010 and 750G-012). The plan quantity shows 1200 linear feet of one size and 1400 linear feet on the other size. The minimum purchase is 5000 feet on each size, which will cause the cost of wire and conduit to be a lot higher. Will Schedule 40 PVC or HDPE with individual conductors sized as specified for the CDC?

**ANSWER:** Yes, Schedule 40 PVC will be acceptable and is preferred. Pay Items 750G-010 and 750G-012 for the combined duct and cable (CDC) have been removed from the project. Pay item 750E-112 CONDUIT, 1 INCH, RIGID, NONMETALLIC has been added to the project, and the quantities for Pay Item 750F-024 CONDUCTOR, #6 AWG and 750D-200 ELECTRICAL JUNCTION BOX, TYPE 1 have been increased.

2. **GENERAL COMMENT:** Please note that roadway light poles shall be powder coated green. Multiple pole suppliers have a color frequently used by the City called "Fairhope

## ADDENDUM NO. 2



Green”. The Contractor shall provide shop drawings of the poles for review and approval by the City and Engineer prior to purchase and installation.

3. There is a line item calling for a unit price on 1 mile of solid traffic stripe removed. Is this the actual quantity?

**ANSWER:** The traffic stripe removal quantity is set up for removal of the temporary striping (paint) that is shown on phasing sheets 27 & 29. The box sheet on sheet 3E shows 0.67 miles, and the total quantity got rounded up to 1 mile for the summary of quantities. These quantities could vary slightly depending on what type of changes (if any) are made to the phasing throughout construction.

4. **GENERAL COMMENT:** Please note that plan revisions were made with this addendum. All revised plan sheets are attached with this Addendum (Addendum #2). These plan sheets will replace the corresponding plan sheets on the issued for bid set signed/sealed on 10-24-2024 and the corresponding plan sheets issued in Addendum #1. These plan sheets are intended for bid purposes only.
5. **GENERAL COMMENT:** Please note that quantity revisions were made with this addendum. An updated unit price schedule is attached with this addendum (Addendum #2). This will replace the unit price schedule that was originally issued on 10-24-2024 and the unit price schedule that was issued with Addendum #1 on 11-15-2024.

Please call with any questions.

Issued By:   
Jordan Stringfellow, P.E.  
Assistant Vice President

Enclosure:

Cc: Richard Johnson, P.E., City of Fairhope

**REVISED UNIT PRICE BID  
SCHEDULE  
NOVEMBER 20, 2024**

**ROUNDAABOUT AT N SECTION ST/ TRIANGLE DR/ VETERANS DR/ MAIN ST**

**CITY OF FAIRHOPE**

**UNIT PRICE BID SCHEDULE - REVISED PER ADDENDUM #2**

| ITEM NO. | DESCRIPTION  | UNIT            | QUANTITY | UNIT PRICE | AMOUNT BID |
|----------|--|-----------------|----------|------------|------------|
| 201A002  | CLEARING AND GRUBBING (MAXIMUM ALLOWABLE BID \$8000/ACRE) (APPROX. 1 ACRE)                                     | LUMP SUM        | 1        |            |            |
| 206C000  | REMOVING CONCRETE SIDEWALK   | SQUARE YARD     | 347      |            |            |
| 206C002  | REMOVING CONCRETE SLOPE PAVING   | SQUARE YARD     | 41       |            |            |
| 206C026  | REMOVING TEMPORARY ASPHALT PAVEMENT (UNCLASSIFIED)   | SQUARE YARD     | 282      |            |            |
| 206D000  | REMOVING PIPE  | LINEAR FOOT     | 18       |            |            |
| 206D002  | REMOVING CURB  | LINEAR FOOT     | 184      |            |            |
| 206E000  | REMOVING HEADWALLS   | EACH            | 1        |            |            |
| 206E001  | REMOVING INLETS  | EACH            | 2        |            |            |
| 210A000  | UNCLASSIFIED EXCAVATION  | CUBIC YARD      | 2292     |            |            |
| 210D020  | BORROW EXCAVATION (LOOSE TRUCKBED MEASUREMENT)(A2 OR BETTER)   | CUBIC YARD      | 2403     |            |            |
| 214A000  | STRUCTURE EXCAVATION   | CUBIC YARD      | 132      |            |            |
| 214B001  | FOUNDATION BACKFILL, COMMERCIAL  | CUBIC YARD      | 152      |            |            |
| 230A000  | ROADBED PROCESSING   | ROADBED STATION | 15       |            |            |
| 301A012  | CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 6" COMPACTED THICKNESS                                     | SQUARE YARD     | 3905     |            |            |
| 305B078  | CRUSHED AGGREGATE, SECTION 825, TYPE B, FOR MISCELLANEOUS USE  | TON             | 141      |            |            |
| 401A000  | BITUMINOUS TREATMENT A   | SQUARE YARD     | 1420     |            |            |
| 405A000  | TACK COAT  | GALLON          | 200      |            |            |
| 408A052  | PLANING EXISTING PAVEMENT (APPROXIMATELY 1.10" THRU 2.0" THICK)  | SQUARE YARD     | 2166     |            |            |
| 424A360  | SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D           | TON             | 437      |            |            |
| 424A369  | SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, WIDENING, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D | TON             | 52       |            |            |
| 424B651  | SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D                | TON             | 215      |            |            |
| 424B657  | SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, LEVELING, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D    | TON             | 100      |            |            |
| 424B681  | SUPERPAVE BITUMINOUS CONCRETE LOWER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D                | TON             | 207      |            |            |
| 430B040  | AGGREGATE SURFACING (CRUSHED AGGREGATE BASE, TYPE B)   | TON             | 100      |            |            |
| 502A000  | STEEL REINFORCEMENT  | POUND           | 11199    |            |            |
| 517D000  | SIDEWALK HANDRAIL  | LINEAR FOOT     | 100      |            |            |

**ROUNDAABOUT AT N SECTION ST/ TRIANGLE DR/ VETERANS DR/ MAIN ST**

**CITY OF FAIRHOPE**

**UNIT PRICE BID SCHEDULE - REVISED PER ADDENDUM #2**

| <b>ITEM NO.</b> | <b>DESCRIPTION</b>                               | <b>UNIT</b> | <b>QUANTITY</b> | <b>UNIT PRICE</b> | <b>AMOUNT BID</b> |
|-----------------|--|-------------|-----------------|-------------------|-------------------|
| 524B010         | CULVERT CONCRETE EXTENSION                       | CUBIC YARD  | 52              |                   |                   |
| 533A098         | 18" STORM SEWER PIPE (CLASS 3 R.C.)              | LINEAR FOOT | 65              |                   |                   |
| 600A000         | MOBILIZATION                                     | LUMP SUM    | 1               |                   |                   |
| 602A000         | RIGHT OF WAY MARKERS                             | EACH        | 7               |                   |                   |
| 606A009         | 6" UNDERDRAIN PIPE, TYPE 10                      | LINEAR FOOT | 335             |                   |                   |
| 606A012         | 6" UNDERDRAIN PIPE,TYPE 8                        | LINEAR FOOT | 400             |                   |                   |
| 610C001         | LOOSE RIPRAP, CLASS 2                            | TON         | 50              |                   |                   |
| 610D003         | FILTER BLANKET, GEOTEXTILE                       | SQUARE YARD | 487             |                   |                   |
| 613F000         | BRICK PAVING                                     | SQUARE FOOT | 3676            |                   |                   |
| 614A000         | SLOPE PAVING                                     | CUBIC YARD  | 98              |                   |                   |
| 618A000         | CONCRETE SIDEWALK, 4" THICK                      | SQUARE YARD | 448             |                   |                   |
| 618B003         | CONCRETE DRIVEWAY, 6" THICK (INCLUDES WIRE MESH) | SQUARE YARD | 39              |                   |                   |
| 618C001         | DETECTABLE WARNING SURFACE                       | SQUARE FOOT | 72              |                   |                   |
| 618D000         | CURB RAMP  | SQUARE YARD | 28              |                   |                   |
| 619A002         | 18" ROADWAY PIPE END TREATMENT, CLASS 1          | EACH        | 2               |                   |                   |
| 620A000         | MINOR STRUCTURE CONCRETE                         | CUBIC YARD  | 1               |                   |                   |
| 621C008         | INLETS, TYPE E                                   | EACH        | 4               |                   |                   |
| 621C129         | INLETS, TYPE C (PARTIAL)                         | EACH        | 1               |                   |                   |
| 621C163         | INLETS, TYPE S3 (MODIFIED)                       | EACH        | 2               |                   |                   |
| 623B000         | CONCRETE CURB, TYPE N                            | LINEAR FOOT | 1465            |                   |                   |
| 623B007         | CONCRETE CURB, TYPE G                            | LINEAR FOOT | 399             |                   |                   |
| 623B120         | CONCRETE CURB, (TYPE SPECIAL)                    | LINEAR FOOT | 583             |                   |                   |
| 623C000         | COMBINATION CURB & GUTTER, TYPE C                | LINEAR FOOT | 943             |                   |                   |
| 650A000         | TOPSOIL  | CUBIC YARD  | 457             |                   |                   |
| 652C000         | MOWING   | ACRE        | 1               |                   |                   |
| 654A001         | SOLID SODDING (BERMUDA)                          | SQUARE YARD | 4075            |                   |                   |

**ROUNDAABOUT AT N SECTION ST/ TRIANGLE DR/ VETERANS DR/ MAIN ST**

**CITY OF FAIRHOPE**

**UNIT PRICE BID SCHEDULE - REVISED PER ADDENDUM #2**

| <b>ITEM NO.</b> | <b>DESCRIPTION</b>  | <b>UNIT</b> | <b>QUANTITY</b> | <b>UNIT PRICE</b> | <b>AMOUNT BID</b> |
|-----------------|---|-------------|-----------------|-------------------|-------------------|
| 659C005         | EROSION CONTROL PRODUCT, TYPE C4                                | SQUARE YARD | 205             |                   |                   |
| 665A000         | TEMPORARY SEEDING   | ACRE        | 2               |                   |                   |
| 665B001         | TEMPORARY MULCHING  | TON         | 6               |                   |                   |
| 665E000         | POLYETHYLENE  | SQUARE YARD | 500             |                   |                   |
| 665F000         | HAY BALES   | EACH        | 25              |                   |                   |
| 665G000         | SAND BAGS   | EACH        | 25              |                   |                   |
| 665I000         | TEMPORARY RIPRAP, CLASS 2                                       | TON         | 50              |                   |                   |
| 665J002         | SILT FENCE  | LINEAR FOOT | 1288            |                   |                   |
| 665K000         | DRAINAGE SUMP EXCAVATION  | CUBIC YARD  | 40              |                   |                   |
| 665N001         | TEMPORARY COARSE AGGREGATE,ALDOT NUMBER 4                       | TON         | 10              |                   |                   |
| 665O001         | SILT FENCE REMOVAL  | LINEAR FOOT | 1288            |                   |                   |
| 665P005         | INLET PROTECTION, STAGE 3 OR 4                                  | EACH        | 7               |                   |                   |
| 665Q002         | WATTLE  | LINEAR FOOT | 1008            |                   |                   |
| 666A001         | PEST CONTROL TREATMENT  | ACRE        | 1               |                   |                   |
| 674A000         | CONSTRUCTION SAFETY FENCE                                       | LINEAR FOOT | 500             |                   |                   |
| 680A001         | GEOMETRIC CONTROLS  | LUMP SUM    | 1               |                   |                   |
| 698A000         | CONSTRUCTION FUEL (MAXIMUM BID LIMITED TO \$                    | LUMP SUM    | 1               |                   |                   |
| 701A227         | SOLID WHITE, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)           | MILE        | 1               |                   |                   |
| 701A230         | SOLID YELLOW, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)          | MILE        | 1               |                   |                   |
| 701B207         | DOTTED, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)                | LINEAR FOOT | 274             |                   |                   |
| 701C001         | SOLID TEMPORARY TRAFFIC STRIPE                                  | MILE        | 1               |                   |                   |
| 701D007         | SOLID TRAFFIC STRIPE REMOVED (PAINT)                            | MILE        | 1               |                   |                   |
| 703A002         | TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A                       | SQUARE FOOT | 776             |                   |                   |
| 703C000         | REMOVAL OF EXISTING TRAFFIC CONTROL MARKINGS OR LEGENDS (PAINT) | SQUARE FOOT | 83              |                   |                   |
| 703D001         | TEMPORARY TRAFFIC CONTROL MARKINGS                              | SQUARE FOOT | 83              |                   |                   |
| 703H000         | SPECIALTY TRAFFIC CONTROL MARKINGS                              | SQUARE FOOT | 156             |                   |                   |

**ROUNDAABOUT AT N SECTION ST/ TRIANGLE DR/ VETERANS DR/ MAIN ST**

**CITY OF FAIRHOPE**

**UNIT PRICE BID SCHEDULE - REVISED PER ADDENDUM #2**

| <b>ITEM NO.</b> | <b>DESCRIPTION</b>   | <b>UNIT</b> | <b>QUANTITY</b> | <b>UNIT PRICE</b> | <b>AMOUNT BID</b> |
|-----------------|--|-------------|-----------------|-------------------|-------------------|
| 705A023         | PAVEMENT MARKERS, CLASS C, TYPE 2-D  | EACH        | 20              |                   |                   |
| 705A030         | PAVEMENT MARKERS, CLASS A-H, TYPE 2-C  | EACH        | 32              |                   |                   |
| 705A037         | PAVEMENT MARKERS, CLASS A-H, TYPE 2-D  | EACH        | 6               |                   |                   |
| 705A038         | PAVEMENT MARKERS, CLASS A-H, TYPE 2-E  | EACH        | 395             |                   |                   |
| 707B013         | TYPE A OBJECT MARKER INSTALLATION  | EACH        | 4               |                   |                   |
| 710A160         | CLASS 10 ALUMINUM FLAT SIGN PANELS 0.08" THICK (TYPE XI BACKGROUND)                  | SQUARE FOOT | 23              |                   |                   |
| 710A165         | CLASS 10 ALUMINUM FLAT SIGN PANELS 0.08" THICK (TYPE XI BACKGROUND, FLUORESCENT)     | SQUARE FOOT | 22              |                   |                   |
| 710A170         | CLASS 4, ALUMINUM FLAT SIGN PANELS 0.08" THICK (TYPE IV BACKGROUND)                  | SQUARE FOOT | 51              |                   |                   |
| 710A187         | CLASS 6 ALUMINUM MULTIPLE FLAT SIGN PANELS 0.125" THICK (TYPE IV OR XI BACKGROUND)   | SQUARE FOOT | 96              |                   |                   |
| 710B006         | ROADWAY SIGN POST (S4 X 7.7 STEEL BEAM)  | LINEAR FOOT | 120             |                   |                   |
| 710B021         | ROADWAY SIGN POST (#3 U CHANNEL, GALVANIZED STEEL OR 2", 14 GA SQUARE TUBULAR STEEL) | LINEAR FOOT | 225             |                   |                   |
| 711A000         | ROADWAY SIGN RELOCATION  | LUMP SUM    | 1               |                   |                   |
| 740B000         | CONSTRUCTION SIGNS   | SQUARE FOOT | 844             |                   |                   |
| 740D000         | CHANNELIZING DRUMS   | EACH        | 100             |                   |                   |
| 740E000         | CONES (36 INCHES HIGH)   | EACH        | 100             |                   |                   |
| 740F002         | BARRICADES, TYPE III   | EACH        | 22              |                   |                   |
| 741C010         | PORTABLE SEQUENTIAL ARROW AND CHEVRON SIGN UNIT                                      | EACH        | 4               |                   |                   |
| 742A001         | PORTABLE CHANGEABLE MESSAGE SIGN, TYPE 2   | EACH        | 4               |                   |                   |
| 750B601         | ROADWAY LUMINAIRE ASSEMBLY WITH ONE, LED, 250 WATT EQUIVALENT LUMINAIRE              | EACH        | 19              |                   |                   |
| 750C010         | POLE FOUNDATION,ROADWAY  | EACH        | 19              |                   |                   |
| 750D200         | ELECTRICAL JUNCTION BOX,TYPE 1   | EACH        | 8               |                   |                   |

**ROUNDBOUT AT N SECTION ST/ TRIANGLE DR/ VETERANS DR/ MAIN ST**

**CITY OF FAIRHOPE**

**UNIT PRICE BID SCHEDULE - REVISED PER ADDENDUM #2**

| <b>ITEM NO.</b> | <b>DESCRIPTION</b>                                 | <b>UNIT</b> | <b>QUANTITY</b> | <b>UNIT PRICE</b> | <b>AMOUNT BID</b> |
|-----------------|--|-------------|-----------------|-------------------|-------------------|
| 750E112         | CONDUIT, 1 INCH, RIGID NONMETALLIC                 | LINEAR FOOT | 2600            |                   |                   |
| 750E115         | CONDUIT, 2 INCH, RIGID NONMETALLIC                 | LINEAR FOOT | 100             |                   |                   |
| 750F024         | CONDUCTOR, #6 AWG                                  | LINEAR FOOT | 10650           |                   |                   |
| 750F026         | CONDUCTOR, #2 AWG                                  | LINEAR FOOT | 100             |                   |                   |
| 750H005         | SERVICE POLE                                       | EACH        | 1               |                   |                   |
| 750I015         | LIGHTING CONTROL CENTER                            | EACH        | 1               |                   |                   |
| 756A022         | 4" ELECTRICAL CONDUIT, 1 LINE, TYPE 5 INSTALLATION | LINEAR FOOT | 285             |                   |                   |
| <b>TOTAL</b>    |  |             |                 |                   |                   |



# **REVISED PLAN SHEETS**

## **NOVEMBER 20, 2024**

# INDEX TO SHEETS


|                         |                |             |
|-------------------------|----------------|-------------|
| REFERENCE<br>PROJECT NO | FISCAL<br>YEAR | SHEET<br>NO |
| STPSU-0220(256)         | 2024           | 1A          |

1 REV 1:  
ADDED SHEETS 4A & 65  
REVISED SHEETS 1A, 2,  
2C, 3, 3A, 3D, 20, & 25

2 REV 2:  
REVISED SHEETS 1A,  
3A, 61, 62, 63, & 64

| SHEET NO. | DESCRIPTION   |
|-----------|---|
| 1         | TITLE SHEET   |
| 1A        | INDEX TO SHEETS   |
| 1B-1C     | STANDARD AND SPECIAL DRAWINGS   |
| 1D        | PLANS LEGEND SHEET  |
| 1E        | PLANS LEGEND SHEET ABBREVIATIONS  |
| 1F        | GEOMETRIC CONTROL SHEET   |
| 1G        | GEOMETRIC DATA SHEET  |
| 2-2B      | TYPICAL SECTION   |
| 2C-2E     | PROJECT DETAILS   |
| 2F        | ISLAND DETAIL   |
| 2G-2H     | PROJECT NOTES   |
| 2-I       | GENERAL TRAFFIC CONTROL PLAN NOTES  |
| 3-3F      | SUMMARY OF QUANTITIES   |
| 4         | PLAN SHEET  |
| 4A        | DEMO SHEET  |
| 5         | PROFILE SHEET - ROUNDABOUT  |
| 6         | PROFILE SHEET - VETERANS DR   |
| 7         | PROFILE SHEET - MAIN ST   |
| 8         | PROFILE SHEET - NORTH SECTION ST  |
| 9         | PROFILE SHEET - TRIANGLE DR   |
| 10        | PAVING LAYOUT & STRIPING SHEET  |
| 11        | SIGNING SHEET   |
| 12        | SIGN FACE DETAIL SHEET  |
| 13-14     | OMITTED   |
| 15        | PROJECT PLAN LAYOUT SHEET   |
| 16-19     | OMITTED   |
| 20-21     | DRAINAGE SECTIONS   |
| 21A       | DRAINAGE DETAIL   |
| 22        | REINFORCED CONCRETE BOX CULVERT OPENING SINGLE 7' X 5' FILL 0'-48' ANY SKEW   |
| 23        | REINFORCED CONCRETE BOX CULVERT WINGS OPENING 5' HEIGHT 3' TO 1' SLOPE 0 SKEW |
| 24        | TRAFFIC CONTROL PLAN - SEQUENCE OF CONSTRUCTION                               |
| 25        | TRAFFIC CONTROL PLAN - LEGEND & ESTIMATED QUANTITIES                          |
| 26        | TRAFFIC CONTROL PLAN - PHASE II   |
| 27-27A    | TRAFFIC CONTROL PLAN - PHASE III  |
| 28        | TRAFFIC CONTROL PLAN - TRIANGLE DRIVE DETOUR                                  |
| 29        | TRAFFIC CONTROL PLAN - PHASE IV   |
| 30-32     | TEMPORARY TRAFFIC CONTROL PLAN SHEET  |
| 33-39     | OMITTED   |
| 40        | EROSION AND SEDIMENT CONTROL PLANS LEGEND                                     |
| 41        | EROSION AND SEDIMENT CONTROL  |
| 42-49     | OMITTED   |
| 50        | UTILITY SHEET   |
| 51-59     | OMITTED   |
| 60        | LIGHTING PROJECT NOTES  |

| SHEET NO. | DESCRIPTION  |
|-----------|--|
| 61        | LIGHTING SUMMARY OF QUANTITIES                               |
| 62        | ELECTRICAL LEGEND & ABBREVIATIONS                            |
| 62A       | POLE DESIGNATION SCHEME & LIGHTING CRITERIA                  |
| 63        | REQUIRED LUMINARE ASSEMBLY LAYOUT                            |
| 64        | REQUIRED SINGLE LINE WIRING DIAGRAM                          |
| 65        | SPECIAL PROJECT DETAIL: POLE MOUNTED LIGHTING CONTROL CENTER |
| 66-99     | OMITTED  |
| 100-102   | CROSS SECTION SHEET - VETERANS DR                            |
| 103-105   | CROSS SECTION SHEET - MAIN ST                                |
| 106-110   | CROSS SECTION SHEET - NORTH SECTION ST                       |
| 111-117   | CROSS SECTION SHEET - TRIANGLE DR                            |
| 118-119   | OMITTED  |
| 120-128   | CROSS SECTION SHEET - ROUNDABOUT                             |
| 129       | OMITTED  |
| 130       | EARTHWORK SUMMARY SHEET                                      |

|                 |             |           |                |   |              |                 |       |
|-----------------|-------------|-----------|----------------|---|--------------|-----------------|-------|
| RESPONSIBLE PE: | SUPERVISOR: | DESIGNER: | PLAN SUBMITTAL |  <b>CITY OF FAIRHOPE</b> | NOT TO SCALE | SHEET TITLE     | ROUTE |
| DATE:           | DATE:       | DATE:     | 100%           |   |              | INDEX TO SHEETS |       |

# SUMMARY OF QUANTITIES

|                      |             |          |
|----------------------|-------------|----------|
| REFERENCE PROJECT NO | FISCAL YEAR | SHEET NO |
| STPSU-0220(256)      | 2024        | 3A       |

1 REV 1:  
UPDATED QUANTITY  
740B-000 CONSTRUCTION  
SIGNS AND 740F-002  
BARRICADES

2 REV 2:  
INCREASED PAY ITEM  
750D-200;  
ADDED PAY ITEM 750E-112;  
INCREASED PAY ITEM  
750F-024;  
DELETED PAY ITEMS  
750G-010 & 750G-012

| ROADWAY QUANTITY | TOTAL QUANTITY | ITEM NO. | UNIT        | DESCRIPTION  | PROJECT NOTES |
|------------------|----------------|----------|-------------|--|---------------|
| 10               | 10             | 665N001  | TON         | TEMPORARY COARSE AGGREGATE,ALDOT NUMBER 4  |               |
| 1288             | 1288           | 665O001  | LINEAR FOOT | SILT FENCE REMOVAL   |               |
| 7                | 7              | 665P005  | EACH        | INLET PROTECTION, STAGE 3 OR 4   |               |
| 1008             | 1008           | 665Q002  | LINEAR FOOT | WATTLE   |               |
| 1                | 1              | 666A001  | ACRE        | PEST CONTROL TREATMENT   |               |
| 500              | 500            | 674A000  | LINEAR FOOT | CONSTRUCTION SAFETY FENCE  |               |
| 1                | 1              | 680A001  | LUMP SUM    | GEOMETRIC CONTROLS   |               |
| 1                | 1              | 698A000  | LUMP SUM    | CONSTRUCTION FUEL (MAXIMUM BID LIMITED TO \$   |               |
| 1                | 1              | 701A227  | MILE        | SOLID WHITE, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)                                |               |
| 1                | 1              | 701A230  | MILE        | SOLID YELLOW, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)                               |               |
| 274              | 274            | 701B207  | LINEAR FOOT | DOTTED, CLASS 2, TYPE A TRAFFIC STRIPE (5" WIDE)                                     |               |
| 1                | 1              | 701C001  | MILE        | SOLID TEMPORARY TRAFFIC STRIPE   |               |
| 1                | 1              | 701D007  | MILE        | SOLID TRAFFIC STRIPE REMOVED (PAINT)   |               |
| 776              | 776            | 703A002  | SQUARE FOOT | TRAFFIC CONTROL MARKINGS, CLASS 2, TYPE A  |               |
| 83               | 83             | 703C000  | SQUARE FOOT | REMOVAL OF EXISTING TRAFFIC CONTROL MARKINGS OR LEGENDS (PAINT)                      |               |
| 83               | 83             | 703D001  | SQUARE FOOT | TEMPORARY TRAFFIC CONTROL MARKINGS   |               |
| 156              | 156            | 703H000  | SQUARE FOOT | SPECIALTY TRAFFIC CONTROL MARKINGS   |               |
| 20               | 20             | 705A023  | EACH        | PAVEMENT MARKERS, CLASS C, TYPE 2-D  |               |
| 32               | 32             | 705A030  | EACH        | PAVEMENT MARKERS, CLASS A-H, TYPE 2-C  |               |
| 6                | 6              | 705A037  | EACH        | PAVEMENT MARKERS, CLASS A-H, TYPE 2-D  |               |
| 395              | 395            | 705A038  | EACH        | PAVEMENT MARKERS, CLASS A-H, TYPE 2-E  |               |
| 4                | 4              | 707B013  | EACH        | TYPE A OBJECT MARKER INSTALLATION  |               |
| 23               | 23             | 710A160  | SQUARE FOOT | CLASS 10 ALUMINUM FLAT SIGN PANELS 0.08" THICK (TYPE XI BACKGROUND)                  |               |
| 22               | 22             | 710A165  | SQUARE FOOT | CLASS 10 ALUMINUM FLAT SIGN PANELS 0.08" THICK (TYPE XI BACKGROUND, FLUORESCENT)     |               |
| 51               | 51             | 710A170  | SQUARE FOOT | CLASS 4, ALUMINUM FLAT SIGN PANELS 0.08" THICK (TYPE IV BACKGROUND)                  |               |
| 96               | 96             | 710A187  | SQUARE FOOT | CLASS 6 ALUMINUM MULTIPLE FLAT SIGN PANELS 0.125" THICK (TYPE IV OR XI BACKGROUND)   |               |
| 120              | 120            | 710B006  | LINEAR FOOT | ROADWAY SIGN POST (S4 X 7.7 STEEL BEAM)  |               |
| 225              | 225            | 710B021  | LINEAR FOOT | ROADWAY SIGN POST (#3 U CHANNEL, GALVANIZED STEEL OR 2", 14 GA SQUARE TUBULAR STEEL) |               |
| 1                | 1              | 711A000  | LUMP SUM    | ROADWAY SIGN RELOCATION  |               |
| 844              | 844            | 740B000  | SQUARE FOOT | CONSTRUCTION SIGNS   |               |
| 100              | 100            | 740D000  | EACH        | CHANNELIZING DRUMS   |               |
| 100              | 100            | 740E000  | EACH        | CONES (36 INCHES HIGH)   |               |
| 22               | 22             | 740F002  | EACH        | BARRICADES, TYPE III   |               |
| 4                | 4              | 741C010  | EACH        | PORTABLE SEQUENTIAL ARROW AND CHEVRON SIGN UNIT                                      |               |
| 4                | 4              | 742A001  | EACH        | PORTABLE CHANGEABLE MESSAGE SIGN, TYPE 2   |               |
| 19               | 19             | 750B601  | EACH        | ROADWAY LUMINAIRE ASSEMBLY WITH ONE, LED, 250 WATT EQUIVALENT LUMINAIRE              |               |
| 19               | 19             | 750C010  | EACH        | POLE FOUNDATION,ROADWAY  |               |
| 8                | 8              | 750D200  | EACH        | ELECTRICAL JUNCTION BOX,TYPE 1   |               |
| 2600             | 2600           | 750E112  | LINEAR FOOT | CONDUIT, 1 INCH, RIGID NONMETALLIC   |               |
| 100              | 100            | 750E115  | LINEAR FOOT | CONDUIT, 2 INCH, RIGID NONMETALLIC   |               |
| 10650            | 10650          | 750F024  | LINEAR FOOT | CONDUCTOR, #6 AWG  |               |
| 100              | 100            | 750F026  | LINEAR FOOT | CONDUCTOR, #2 AWG  |               |
| 1                | 1              | 750H005  | EACH        | SERVICE POLE   |               |
| 1                | 1              | 750I015  | EACH        | LIGHTING CONTROL CENTER  |               |
| 285              | 285            | 756A022  | LINEAR FOOT | 4" ELECTRICAL CONDUIT, 1 LINE, TYPE 5 INSTALLATION                                   |               |



# SUMMARY OF QUANTITIES

|                      |             |          |
|----------------------|-------------|----------|
| REFERENCE PROJECT NO | FISCAL YEAR | SHEET NO |
| STPSU-0220(256)      | 2024        | 61       |

REV 2:  
 INCREASED PAY ITEM  
 750D-200;  
 ADDED PAY ITEM 750E-112;  
 INCREASED PAY ITEM  
 750F-024;  
 DELETED PAY ITEMS  
 750G-010 & 750G-012

| REQUIRED MODIFIED COBRA HEAD LUMINAIRE ASSEMBLY SCHEDULE |                             |           |                    |          |             |            |                          |   |                               |                            |                         |                        |                   |                       |  |
|--|-----------------------------|-----------|--------------------|----------|-------------|------------|--------------------------|---|-------------------------------|----------------------------|-------------------------|------------------------|-------------------|-----------------------|--|
| POLE DESIG. NUMBER                                       | PLAN SHEET REFERENCE NUMBER | STATION   | REFERENCE LOCATION | OFFSET   | COORDINATES |            | DISTANCE FROM ETW (FEET) | ROADWAY LUMINAIRE ASSEMBLY WITH ONE, LED, 250 WATT EQUIVALENT LUMINAIRE, EACH | POLE FOUNDATION ROADWAY, EACH | POLE HEIGHT ORDERED (FEET) | FED FROM CIRCUIT NUMBER | AIMING ANGLE (DEGREES) |                   | STD OR SPECIAL DWG NO |  |
|  |                             |           |                    |          | NORTHING    | EASTING    |                          |   |                               |                            |                         | COOPER                 | AMERICAN ELECTRIC |                       |  |
| P001A1FH   | 63                          | 400+89.69 | CL MAIN ST         | 26.40' L | 199124.70   | 1843584.26 | 14.01                    | 1   | 1                             | 30                         | A1                      | 0                      | 0                 | A, C, E, G            |  |
| P002A2FH   | 63                          | 403+07.28 | CL MAIN ST         | 29.33 L  | 198910.93   | 1843660.05 | 12.21                    | 1   | 1                             | 30                         | A2                      | 0                      | 0                 | A, C, E, G            |  |
| P003A1FH   | 63                          | 502+56.20 | CL ROUNDABOUT      | 22.12 L  | 198783.29   | 1843703.32 | 21.92                    | 1   | 1                             | 30                         | A1                      | 0                      | 0                 | A, C, E, G            |  |
| P004A2FH   | 63                          | 101+13.58 | CL N SECTION ST    | 28.07 L  | 198600.19   | 1843612.74 | 14.09                    | 1   | 1                             | 30                         | A2                      | 0                      | 0                 | A, C, E, G            |  |
| P005A1FH   | 63                          | 100+38.13 | CL N SECTION ST    | 36.16 R  | 198468.79   | 1843606.51 | 35.04                    | 1   | 1                             | 30                         | A1                      | 0                      | 0                 | A, C, E, G            |  |
| P006A1FH   | 63                          | 102+35.99 | CL N SECTION ST    | 29.77 R  | 198666.37   | 1843730.31 | 13.44                    | 1   | 1                             | 30                         | A1                      | 0                      | 0                 | A, C, E, G            |  |
| P007A2FH   | 63                          | 503+85.01 | CL ROUNDABOUT      | 13.60 R  | 198680.94   | 1843800.64 | 13.6                     | 1   | 1                             | 30                         | A2                      | 0                      | 0                 | A, C, E, G            |  |
| P008A1FH   | 63                          | 202+29.23 | CL TRIANGLE DRIVE  | 31.51 L  | 198668.25   | 1843871.85 | 14.79                    | 1   | 1                             | 30                         | A1                      | 0                      | 0                 | A, C, E, G            |  |
| P009A2FH   | 63                          | 203+03.51 | CL TRIANGLE DRIVE  | 27.44 L  | 198603.37   | 1844044.38 | 14.79                    | 1   | 1                             | 30                         | A2                      | 0                      | 0                 | A, C, E, G            |  |
| P010A1FH   | 63                          | 204+09.32 | CL TRIANGLE DRIVE  | 26.57 R  | 198640.82   | 1844157.62 | 14.56                    | 1   | 1                             | 30                         | A1                      | 0                      | 0                 | A, C, E, G            |  |
| P011A2FH   | 63                          | 202+98.80 | CL TRIANGLE DRIVE  | 30.61 R  | 198691.98   | 1843961.99 | 14.61                    | 1   | 1                             | 30                         | A2                      | 0                      | 0                 | A, C, E, G            |  |
| P012A1FH   | 63                          | 505+14.77 | CL ROUNDABOUT      | 13.94 R  | 198770.07   | 1843903.75 | 13.94                    | 1   | 1                             | 30                         | A1                      | 0                      | 0                 | A, C, E, G            |  |
| P013A2FH   | 63                          | 301+30.51 | CL VETERANS DR     | 38.13 R  | 198830.67   | 1843915.51 | 14.73                    | 1   | 1                             | 30                         | A2                      | 0                      | 0                 | A, C, E, G            |  |
| P014A1FH   | 63                          | 302+99.86 | CL VETERANS DR     | 26.93 R  | 198954.55   | 1844024.93 | 13.62                    | 1   | 1                             | 30                         | A1                      | 0                      | 0                 | A, C, E, G            |  |
| P015A2FH   | 63                          | 304+07.65 | CL VETERANS DR     | 27.17 L  | 199067.20   | 1844067.40 | 15.38                    | 1   | 1                             | 30                         | A2                      | 0                      | 0                 | A, C, E, G            |  |
| P016A1FH   | 63                          | 301+89.70 | CL VETERANS DR     | 30.29 L  | 198920.25   | 1843904.74 | 14.29                    | 1   | 1                             | 30                         | A1                      | 0                      | 0                 | A, C, E, G            |  |
| P017A2FH   | 63                          | 501+20.26 | CL ROUNDABOUT      | 15.39 R  | 198873.72   | 1843821.13 | 15.39                    | 1   | 1                             | 30                         | A2                      | 0                      | 0                 | A, C, E, G            |  |
| P018A1FH   | 63                          | 403+76.13 | CL MAIN ST         | 35.44 R  | 198897.30   | 1843754.43 | 14.58                    | 1   | 1                             | 30                         | A1                      | 0                      | 0                 | A, C, E, G            |  |
| P019A2FH   | 63                          | 401+83.58 | CL MAIN ST         | 28.58 R  | 199033.24   | 1843663.98 | 16.16                    | 1   | 1                             | 30                         | A2                      | 0                      | 0                 | A, C, E, G            |  |
| TOTAL  |                             |           |                    |          |             |            |                          | 19  | 19                            |                            |                         |                        |                   |                       |  |

| REQD ROADWAY LIGHTING MATERIAL LOCATIONS & QUANTITIES |   |                    |                       |
|---|---|--------------------|-----------------------|
| STATION NUMBER  | 4" ELECTRICAL CONDUIT 1 LINE, TYPE 5 INSTALLATION (LIN FT) (756A-022) | REFERENCE LOCATION | STD OR SPECIAL DWG NO |
| 401+25  | 20  | CL MAIN ST         | RLD-008               |
| 101+15  | 55  | CL N SECTION ST    |                       |
| 100+50  | 75  | CL N SECTION ST    |                       |
| 202+30  | 15  | CL TRIANGLE DRIVE  |                       |
| 202+15  | 65  | CL TRIANGLE DRIVE  |                       |
| 302+00  | 55  | CL VETERANS DR     |                       |
| TOTAL   | 285   |                    |                       |

| REQD LIGHTING CONTROL CENTER, POLE MOUNTED (750I-015) EACH LOGO = LCC |          |                    |                           |                       |
|---|----------|--------------------|---------------------------|-----------------------|
| LCC -   | QUANTITY | REFERENCE LOCATION |                           | STD OR SPECIAL DWG NO |
| A   | 1        | 202+34             | 45' LT, CL TRIANGLE DRIVE | SHEET 64 RLD-002.003  |
| TOTAL   |          |                    |                           |                       |

| LEGEND |            |
|--------|------------|
| A      | RL-LPF-001 |
| C      | RL-LPF-005 |
| E      | RLD-010    |
| G      | RL-LPF-007 |

| REQD SERVICE POLE (750H-005) EACH |          |                    |                           |                       |
|-----------------------------------|----------|--------------------|---------------------------|-----------------------|
| SERVICE POINT                     | QUANTITY | REFERENCE LOCATION |                           | STD OR SPECIAL DWG NO |
| A                                 | 1        | 202+40             | 40' LT, CL TRIANGLE DRIVE | SHEET 64 RLD-011      |
| TOTAL                             |          |                    |                           |                       |

| REQD CONDUIT & CONDUCTORS |                   |                   |                   |                   |
|---------------------------|-------------------|-------------------|-------------------|-------------------|
|                           | CONDUCTORS        |                   | CONDUIT           |                   |
|                           | #2 AWG (750F-026) | #6 AWG (750F-024) | 2" RNC (750E-115) | 1" RNC (750E-112) |
| TOTAL LIN FT              | 100               | 10650             | 100               | 2600              |


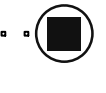
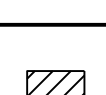
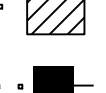
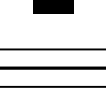

| REQD TYPE 1 JUNCTION BOX (750D-200) EACH LOGO = ROADWAY LIGHTING |                            |                    |
|--|----------------------------|--------------------|
| SIZE   | JUNCTION BOX NUMBER (JB1-) | STD OR SPECIAL DWG |
| 11" x 18" x 12"  | JB1-1 THROUGH JB1-8        | RLD-006            |
| TOTAL  |                            |                    |

|                 |             |           |                |                         |              |                       |            |
|-----------------|-------------|-----------|----------------|-------------------------|--------------|-----------------------|------------|
| RESPONSIBLE PE: | SUPERVISOR: | DESIGNER: | PLAN SUBMITTAL | <b>CITY OF FAIRHOPE</b> | NOT TO SCALE | SHEET TITLE           | ROUTE      |
| DATE:           | DATE:       | DATE:     | 100%           |                         |              | SUMMARY OF QUANTITIES | ROUNDABOUT |

# ELECTRICAL LEGEND & ABBREVIATIONS

|                      |             |          |
|----------------------|-------------|----------|
| REFERENCE PROJECT NO | FISCAL YEAR | SHEET NO |
| STPSU-0220(256)      | 2024        | 62       |

## ELECTRICAL LEGEND

- Required Roadway Luminaire Assembly with One, LED, 250 Watt Equivalent Luminaire..... 
- Required Electrical Junction Box, Type 1 ..... 
- Required Buried Conduit and Conductors..... 
- Required Lighting Control Center ..... 
- Required Service Pole with Weatherhead..... 
- Required Electrical Conduit Precision Bored or Drilled (756A), 4-Inch..... 

## ABBREVIATIONS


REV 2:  
REVISED CALLOUTS  
13 & 14

- NEC CURRENT EDITION OF NFPA 70, NATIONAL ELECTRICAL CODE
- IESNA ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA
- JB JUNCTION BOX
- NUCC NON-METALLIC UNDERGROUND CONDUIT WITH CONDUCTORS
- AWG AMERICAN WIRE GAGE
- B. L. BASELINE
- C. L. CENTERLINE OF CONSTRUCTION
- STA STATION
- LED LIGHT EMITTING DIODE
- LT OFFSET LEFT
- RT OFFSET RIGHT
- ROW RIGHT OF WAY
- CKT CIRCUIT
- Vd VOLTAGE DROP
- EP EDGE OF PAVEMENT
- HDPE HIGH DENSITY POLYETHELENE CONDUIT
- ETW EDGE OF TRAVELED WAY
- LCC LIGHTING CONTROL CENTER (SERVICE POINT)
- RMC RIGID METALLIC CONDUIT
- GND GROUND
- RNC RIGID NON-METALLIC CONDUIT

NOTE: NOT ALL CONDUIT MARKS ARE USED ON THIS PROJECT.

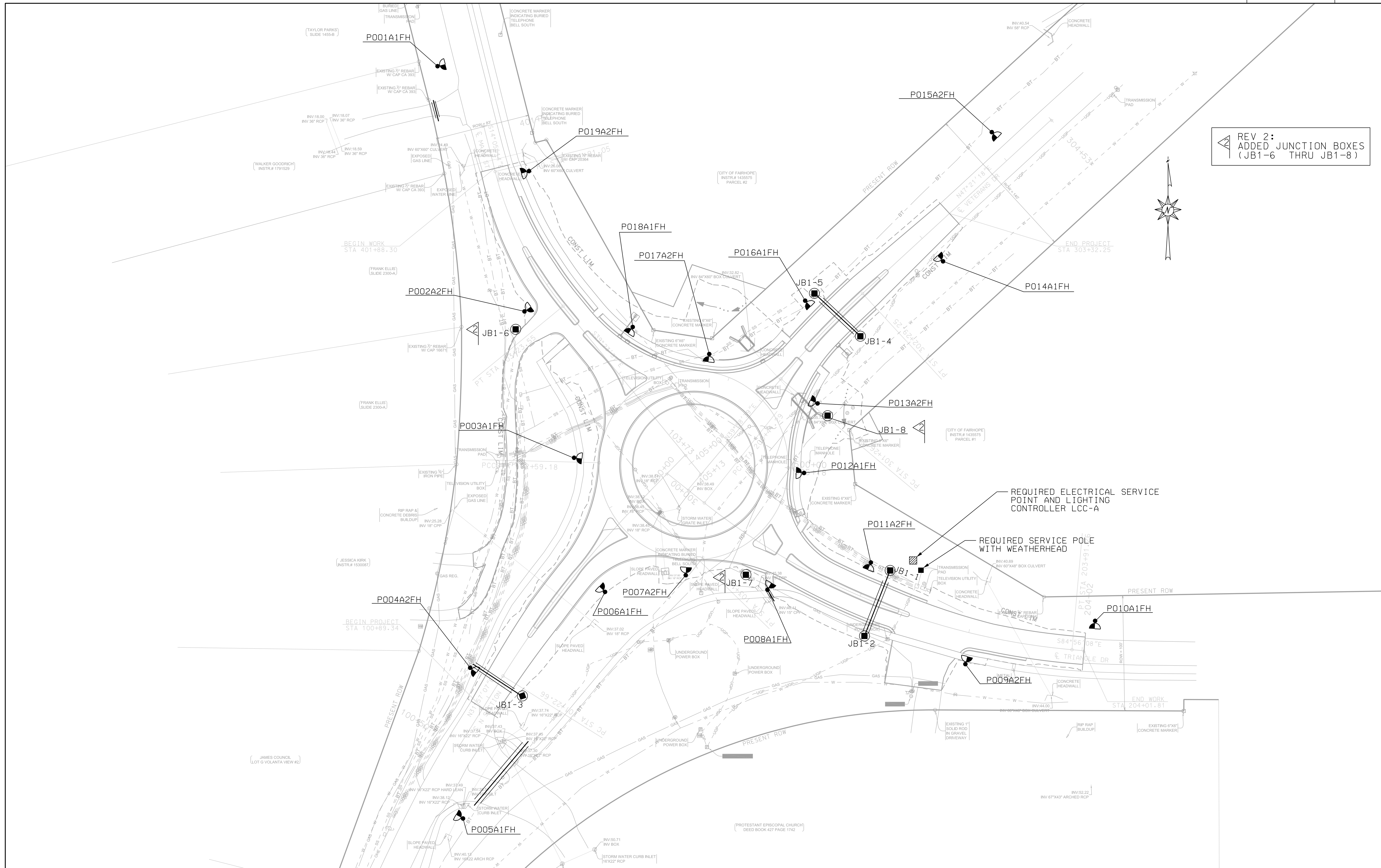
| WIRE /CONDUIT SCHEDULE |              |                                  |
|------------------------|--------------|----------------------------------|
| CONDUIT MARK           | CONDUIT SIZE | DESCRIPTION                      |
| ①                      | 1-1/4"       | 2#6 AWG., 1#6 GND. MET.          |
| ②                      | 1-1/2"       | 4#6 AWG., 1#6 GND. MET.          |
| ③                      | 2"           | 6#6 AWG., 1#6 GND. MET.          |
| ④                      | 1-1/2"       | 2#4 AWG., 1#6 GND. MET.          |
| ⑤                      | 1-1/2"       | 4#4 AWG., 1#6 GND. MET.          |
| ⑦                      | 2"           | 4#6 AWG., 2#4 AWG, 1#6 GND. MET. |
| ⑧                      | 1-1/2"       | 2#2 AWG., 1#6 GND. MET.          |
| ⑩                      | 2"           | 4#2 AWG., 1#6 GND. MET.          |
| ⑪                      | 2-1/2"       | 6#2 AWG., 1#6 GND. MET.          |
| ⑫                      | 2"           | 2#10 AWG., 1#6 GND. MET.         |
| ⑬                      | 1"           | 2#6 AWG., 1#6 GND. (RNC)         |
| ⑭                      | 1"           | 4#6 AWG., 1#6 GND. (RNC)         |
| ⑮                      | 1-1/4"       | 6#6 AWG., 1#6 AWG. GND. (CDC)    |
| ⑯                      | 1"           | 2#4 AWG., 1#6 GND. (CDC)         |
| ⑰                      | 1-1/4"       | 4#4 AWG., 1#6 GND. (CDC)         |
| ⑱                      | 1-1/4"       | 6#4 AWG., 1#6 GND. (CDC)         |
| ⑲                      | 1"           | 2#2 AWG., 1#6 GND. (CDC)         |
| ⑳                      | 1-1/2"       | 4#2 AWG., 1#6 GND. (CDC)         |
| ㉑                      | 1-1/2"       | 6#2 AWG., 1#6 GND. (CDC)         |
| ㉒                      | 3/4"         | 2#10 AWG., 1#10 GND. MET.        |
| ㉓                      | 2"           | 2#2 AWG., 1#6 GND. NON. MET.     |



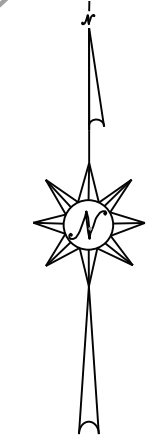
|                 |             |           |                |   |              |                                   |             |
|-----------------|-------------|-----------|----------------|---|--------------|-----------------------------------|-------------|
| RESPONSIBLE PE: | SUPERVISOR: | DESIGNER: | PLAN SUBMITTAL |  <b>CITY OF FAIRHOPE</b> | NOT TO SCALE | SHEET TITLE                       | ROUTE       |
| DATE:           | DATE:       | DATE:     | 100%           |   |              | ELECTRICAL LEGEND & ABBREVIATIONS | ROUNDOABOUT |


# REQUIRED LUMINAIRE ASSEMBLY LAYOUT

|                      |             |          |
|----------------------|-------------|----------|
| REFERENCE PROJECT NO | FISCAL YEAR | SHEET NO |
| STPSU-0220(256)      | 2024        | 63       |



REV 2:  
ADDED JUNCTION BOXES  
(JB1-6 THRU JB1-8)

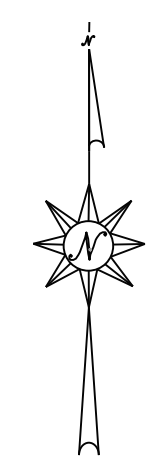
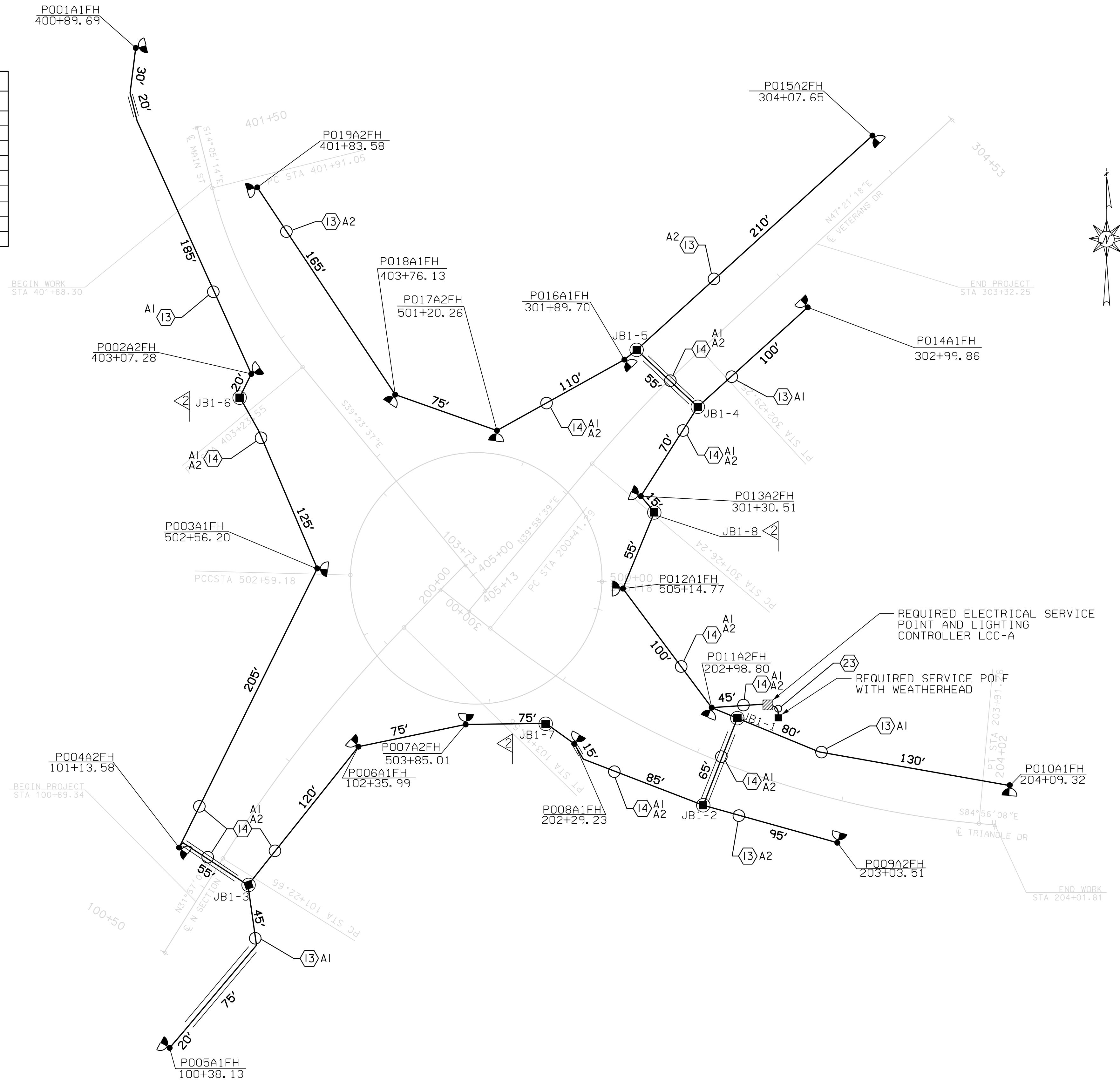


|                 |             |           |                |   |                               |                                    |           |
|-----------------|-------------|-----------|----------------|---|-------------------------------|------------------------------------|-----------|
| RESPONSIBLE PE: | SUPERVISOR: | DESIGNER: | PLAN SUBMITTAL |  <b>CITY OF FAIRHOPE</b> | 40 0 40<br>HORIZ SCALE (FEET) | SHEET TITLE                        | ROUTE     |
| DATE:           | DATE:       | DATE:     | 100%           |   |                               | REQUIRED LUMINAIRE ASSEMBLY LAYOUT | ROUNDBOUT |

# REQUIRED SINGLE LINE WIRING DIAGRAM

REV 2:  
ADDED JUNCTION BOXES  
(JB1-6 THRU JB1-8)

| CIRCUIT NUMBER | LINE WATTS   | AMP LOAD     | VOLT DROP (%) | CIRCUIT BRKR. SIZE | LIGHTING CONTACTOR SIZE |
|----------------|--------------|--------------|---------------|--------------------|-------------------------|
| A1             | 1050         | 2.20         | 0.06          | 15A/2P             | 30A/2P                  |
| A2             | 945          | 1.98         | 0.13          | 15A/2P             | 30A/2P                  |
| SPARE          | 0            | 0            | N/A           | 15A/2P             | 30A/2P                  |
|                |              |              |               | SPACE              | SPACE                   |
|                |              |              |               | SPACE              | SPACE                   |
|                |              |              |               |                    |                         |
|                |              |              |               |                    |                         |
|                |              |              |               |                    |                         |
|                |              |              |               |                    |                         |
| <b>TOTAL</b>   | <b>1995W</b> | <b>4.18A</b> |               | <b>MAIN: 100A</b>  |                         |



User: luke.montalvo 20-NOV-2024 22:48 Plot Scale=40.000000:1.000000 \*\*COLORTABLE\*\* \*\*PENTABLE\*\* Projects#1177600 - Roundabout at North Section Street#Project Design#Plans Assembly#064\_600\_1177600.dgn