

# ADDENDUM NO. 1



**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 15, 2024  
**RECIPIENT:** Meeting Attendees and Plan Holders

## ADDENDUM NO. 1

The information included in Addendum No. 1 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

### GENERAL INFORMATION

- ▼ Refer to attached “Pre-Bid Conference Resume”. A NON-MANDATORY Pre-Bid Conference was held on November 12, 2024, at the City of Fairhope City Services and Public Utilities Building to provide bidders, vendors, suppliers, and interested parties an overview of the proposed project and allow participants to ask questions concerning specific requirements as it relates to construction of the project.

### QUESTIONS

1. Will the City of Fairhope coordinate with the contractor to have the center grassed island plumbed for power & water for irrigation?

**ANSWER:** Yes. The City of Fairhope will have its own forces on the project site at the appropriate time (through coordination with the contractor) to install needed underground plumbing for power and irrigation.

## ADDENDUM NO. 1



2. Is there a DBE goal/requirement for the project?

**ANSWER:** A DBE goal of 3% is applied to the project. This goal has been added to the contract documents and attached to this addendum.

3. Can the proposed pedestrian handrail be aluminum powder coated?

**ANSWER:** Aluminum powder coated handrails are acceptable. The aluminum handrail must meet the same safety requirements as the galvanized steel handrail specified in the plans.

4. Is the HR-DBE form required to be submitted with the bid package?

**ANSWER:** Yes. The form is included in the project contract documents, and should be filled out and submitted with the bid.

5. Is the Beason-Hammon Act document required in the bid package submission?

**ANSWER:** The form should be filled out and submitted with the bid. The Beason-Hammon Act documents have been attached to this addendum and shall be considered as part of the contract documents.

6. Is Sam.gov registration required to bid the project?

**ANSWER:** Sam.gov registration will not be required for this project.

7. How tall is the toe wall for the required culvert extension?

**ANSWER:** The toe wall is 5-foot. See sheet 20 in the construction plans.

8. What is the backfill material requirement for the 2-foot of undercut below the culvert extension?

**ANSWER:** The backfill material shall be commercial foundation backfill in accordance with the 2022 Alabama Department of Transportation Standard Specifications for Highway Construction. The callout on sheet 20 has been updated to reflect this. Prior to backfilling, a layer of geotextile filter blanket shall be placed as directed by the Engineer.

9. Has the paver color been selected?

**ANSWER:** The paver color has not been selected, but historically, the color used has been "Fairhope Red" aka "Mountain Red". The manufacturer specified in the plans

## ADDENDUM NO. 1



“Belgard” will have this color. Material submittals specifying the color shall be submitted to the engineer for approval prior to purchase.

10. If there is a need to close the intersection down, how will this be handled?

**ANSWER:** The goal is to keep the intersection open to traffic as often and as long as possible. There may be a scenario at the end where the intersection needs to be closed to traffic to complete the few remaining items of work. In this case, detours will have to be set up. The quantities for temporary construction signage and barricades have been revised to accommodate closures. Please see the revised bid sheet and revised summary of quantities sheets to reflect closures. The temporary detour plan will be prepared prior to the closure (if necessary).

11. Is there a requirement for the curb to be slip formed?

**ANSWER:** No.

12. Is lighting control center A pole or pad mounted?

**ANSWER:** Lighting control center is intended to be pole mounted per the pay item description. A pole mounted detail has been implemented into the plans (see sheet #65 attached). This additional sheet will be considered as part of the issued for bid set of plans. If the option for pad mounted is more economical, this could be approved through the submittal review process. See 2024 ALDOT Standard Drawing number RLD-002 for details on pad-mounted control center.

13. Can a demolition sheet be added to the plan set?

**ANSWER:** Yes. See sheet number 4A that has been added to the plan set. This additional sheet will be considered as part of the issued for bid set of plans.

14. Where is the pay item 305A-037 Crushed Aggregate, Section 825 being used?

**ANSWER:** The pay item 305A-037 Crushed Aggregate, Section 825 is removed from the plan set and unit price bid schedule and replaced with pay item 305B-078 Crushed Aggregate, Section 825, Type B, For Miscellaneous Use. The location of use of this pay item shall be on driveways. See detail on sheet 2C and paving layouts on sheet 10.

# ADDENDUM NO. 1



15. Should there be underdrain behind the interior curb of the inside of the roundabout?

**ANSWER:** Additional underdrain pay item 606A-009 was added to the contract. This is intended to be perforated polyethylene pipe. Ideally, this underdrain would tie in to drainage structure 13. If for some reason, the underdrain is routed below the travel lanes, the piece of pipe below the travel lane shall be solid pipe.

16. **GENERAL COMMENT:** Please note that plan revisions were made with this addendum. All revised plan sheets are attached with this Addendum (Addendum #1). These plan sheets will replace the plan sheets on the issued for bid set signed/sealed on 10-24-2024 in their entirety. These plan sheets are intended for bid purposes only.

17. **GENERAL COMMENT:** Please note that quantity revisions were made with this addendum. An updated unit price bid schedule is attached with this addendum (Addendum #1). This will replace the unit price bid schedule that was originally issued on 10-24-2024 in its entirety.

18. **GENERAL COMMENT:** Please note that the bid opening date has been revised to Monday, November 25, 2024 at 2:00 PM.

19. **GENERAL COMMENT:** Please note that no further questions will be accepted after Thursday, November 21, 2024 at 2:00 PM.

Please call with any questions.

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

Enclosure:

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

# **RESUME OF PRE-BID MEETING NOVEMBER 12, 2024**

# MEETING MINUTES



PRE-BID CONFERENCE

RESUME

2:00 PM

November 12, 2024

CITY SERVICES AND PUBLIC UTILITIES BUILDING

CITY OF FAIRHOPE

PROJECT NO. STPSU-0220(256)

CITY OF FAIRHOPE BID NO. 25-007-2022-PWI-006

STPSU PROJECT ROUNDABOUT INSTALLATION

AT NORTH SECTION STREET/ SCENIC 98 (VETERANS DRIVE) / MAIN  
STREET IN FAIRHOPE, ALABAMA

## OPENING REMARKS (City of Fairhope)

Funding for this Project is provided by:

- ALDOT Surface Transportation Program (STPSU)
- City of Fairhope

This is a non-mandatory pre-bid.

Volkert, Inc. is the design engineering consultant

Volkert, Inc. is the construction engineering & inspection consultant

## PROJECT DESCRIPTION (Volkert)

- Roundabout at the Intersection of North Section/Scenic 98 (Veterans Drive)/Main Street
- 300 Calendar Days
- \$1,500,000 - \$1,750,000 Bracket Estimate

## REQUIREMENTS FOR BIDDING (Volkert)

- Proposal form with all attached documents (Addendums if applicable)
  - o Bid Bond
  - o DBE Forms (Completed and signed)
  - o E-Verify Form
- Cashier's check (drawn on an Alabama bank) OR Bid Bond of 5% of bid amount (not to exceed \$10,000)
- Bid packages can be viewed online or at Volkert's office but must be purchased online.
- No bid packages will be issued after 2 PM Wednesday, November 13, 2024
- Questions will be received until 12 PM Friday, November 15, 2024
- Submitted bids must include the printed contract documents in their entirety.
- Mark bids with name and number; there may be more than one project bidding at this time.
- Deliver bids to the city Purchasing Manager (Erin Wolfe) in the City of Fairhope Services and Public Utilities Building
- The bid package should be dropped off to the receptionist. She will time stamp the bid and deliver to Mrs. Erin Wolfe
- Bid opening at 2:00 PM Tuesday, November 19, 2024, City of Fairhope Services and Public Utilities Building

# MEETING MINUTES

## REQUIREMENTS FOR CONTRACT (Volkert)

- 2022 ALDOT Specifications with Special Provisions
- Bid Bond
- Labor and Materials Bond
- Performance Bond
- Insurance
- Subcontracting Plan, E-Verify & DBE Utilization Report

## EMPHASIS ITEMS (Volkert)

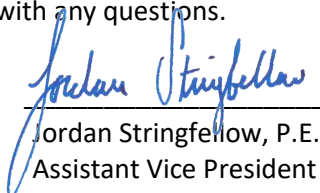
- Adjacent construction coordination
  - o Pedestrian Park on N. Section Street – There shouldn't be too much coordination that has to happen with this project
- Construction sequencing
  - o Intersection to be open to traffic for most phases by constructing improvements outside of existing roadway first and utilizing temporary pavement for maintaining traffic on approach legs
  - o Phase III will require a detour of Triangle Drive
- City has ADEM NPDES Permit – This shall be transferred to the contractor upon award of the contract
  - o All transfer fees are the responsibility of the Contractor
- No additional City of Fairhope permits will be required.
- Flag poles, light poles, signs to be removed by the contractor and stockpiled to be picked up by the City of Fairhope
- A meeting on site should be held to ensure all trees intended to be retained are adequately protected.
- Coordination with
  - o Adjacent residences & businesses to maintain access
- Utility Coordination
  - o There are no known utility conflicts with the proposed work. If field conditions differ, coordination with Fairhope Public Utilities will be required.
  - o Fairhope Utilities will or has already relocated utilities in conflict.

## ADDITIONAL QUESTIONS

- Additional questions shall be emailed to Jordan Stringfellow ([jordan.stringfellow@volkert.com](mailto:jordan.stringfellow@volkert.com)) and Luke Montalvo ([luke.montalvo@volkert.com](mailto:luke.montalvo@volkert.com))
- As previously mentioned, the deadline for questions is 12:00 PM on Friday, November 15, 2024

Please call with any questions.

Issued By:

  
Jordan Stringfellow, P.E.  
Assistant Vice President

**PRE-BID MEETING ATTENDANCE**

**CITY OF FAIRHOPE  
ENGINEERING DEPARTMENT**

**Contract No.: 1177600.ALR**

**City of Fairhope Project No.: 25-007-2022-PWI-006**

**Description: STPSU Roundabout Installation at North Section Street/Scenic 98 (Veterans Drive)/ Main Street in Fairhope, Alabama**

Date: November 12, 2024

Time: 2:00 PM

Place: City of Fairhope Public Works

| NAME                | COMPANY               | PHONE        | EMAIL                            |
|---------------------|-----------------------|--------------|----------------------------------|
| Jordan Stringfellow | Volkert               | 251-605-6020 | jordan.stringfellow@volkert.com  |
| Luke Montalvo       | Volkert               | 251-404-5900 | luke.montalvo@volkert.com        |
| Erin Wolfe          | City of Fairhope      | 251-928-8003 | erin.wolfe@fairhopeal.gov        |
| Rhonda Cunningham   | City of Fairhope      | 251-990-0118 | rhonda.cunningham@fairhopeal.gov |
| David Thomas        | City of Fairhope      | 251-278-7278 | david.thomas@fairhopeal.gov      |
| Taylor Renfree      | Asphalt Services Inc. | 251-680-5881 | Trenfree@asi-gc.com              |
| Pat McPherson       | Fulcrum Group         | 850 324 2110 | pat.mcpherson@fulcrumgroup.com   |
| Lee Thornton        | L & K Construction    | 251 523 5191 | leethornton@lky.com              |
| Richard Deas        | R H Deas              | 251-591-1271 | Richard@rhdeasbuildingco.com     |
| Matt Arrington      | Arrington Inc         | 251-296-3276 | tma@arringtoninc.net             |
| Charles Hoyt        | Bayou Concrete        | 251-753-4823 | Charlesh@bayouconcretellc.com    |



**PRE-BID MEETING ATTENDANCE**

**CITY OF FAIRHOPE  
ENGINEERING DEPARTMENT**

**Contract No.: 1177600.ALR**

**City of Fairhope Project No.: 25-007-2022-PWI-006**

**Description: STPSU Project Roundabout Installation at North Section Street/Scenic 98 (Veterans Drive)/ Main Street in Fairhope, Alabama**

Date: November 12, 2024

Time: 2:00 PM

Place: City of Fairhope Public Works

| NAME               | COMPANY                 | PHONE        | EMAIL                                |
|--------------------|-------------------------|--------------|--------------------------------------|
| Jennings Clayton   | McElhenney Construction | 251-654-8579 | jennings@mcelhenneyconst.com         |
| Greg Smith         | ASI                     | 251-689-8456 | gsmith@asi-gc.com                    |
| RICHARD D. JOHNSON | COF                     | 251-928-8003 | richard.johnson@fairhopeal.gov       |
| Shaun Stapleton    | Wiregrass Construction  | 251-342-6250 | sstapleton@wiregrassconstruction.com |
| George Ladd        | COF                     | 251-259-6675 | george.ladd@FairhopeAL.gov           |
| Charad Jones       | ALDOT                   | 251-470-5137 | jonescha@dot.state.al.us             |
|                    |                         |              |                                      |
|                    |                         |              |                                      |
|                    |                         |              |                                      |
|                    |                         |              |                                      |

**REVISED UNIT PRICE BID  
SCHEDULE  
NOVEMBER 15, 2024**

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

CITY OF FAIRHOPE

UNIT PRICE BID SCHEDULE

| 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      |            |            |
| 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      |            |            |

ROUNDABOUT AT N SECTION ST/ TRIANGLE DR/ VETERANS DR/ MAIN ST

CITY OF FAIRHOPE

UNIT PRICE BID SCHEDULE

| ITEM NO. | DESCRIPTION  | UNIT        | QUANTITY | UNIT PRICE | AMOUNT BID |
|----------|--|-------------|----------|------------|------------|
| 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     |            |            |
| 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        |            |            |

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CITY OF FAIRHOPE

UNIT PRICE BID SCHEDULE

| ITEM NO.     | DESCRIPTION  | UNIT        | QUANTITY | UNIT PRICE | AMOUNT BID |
|--------------|--|-------------|----------|------------|------------|
| 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      |            |            |
| 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        | 5        |            |            |
| 750E115      | CONDUIT,2 INCH,RIGID NONMETALLIC   | LINEAR FOOT | 100      |            |            |
| 750F024      | CONDUCTOR, #6 AWG  | LINEAR FOOT | 50       |            |            |
| 750F026      | CONDUCTOR, #2 AWG  | LINEAR FOOT | 100      |            |            |
| 750G010      | COMBINED DUCT AND CABLE,2 #6 AWG/ 1 #6 AWG GND                                       | LINEAR FOOT | 1200     |            |            |
| 750G012      | COMBINED DUCT AND CABLE, 4 #6 AWG/ 1 #6 AWG GND                                      | LINEAR FOOT | 1400     |            |            |
| 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 15, 2024**


# INDEX TO SHEETS

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

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

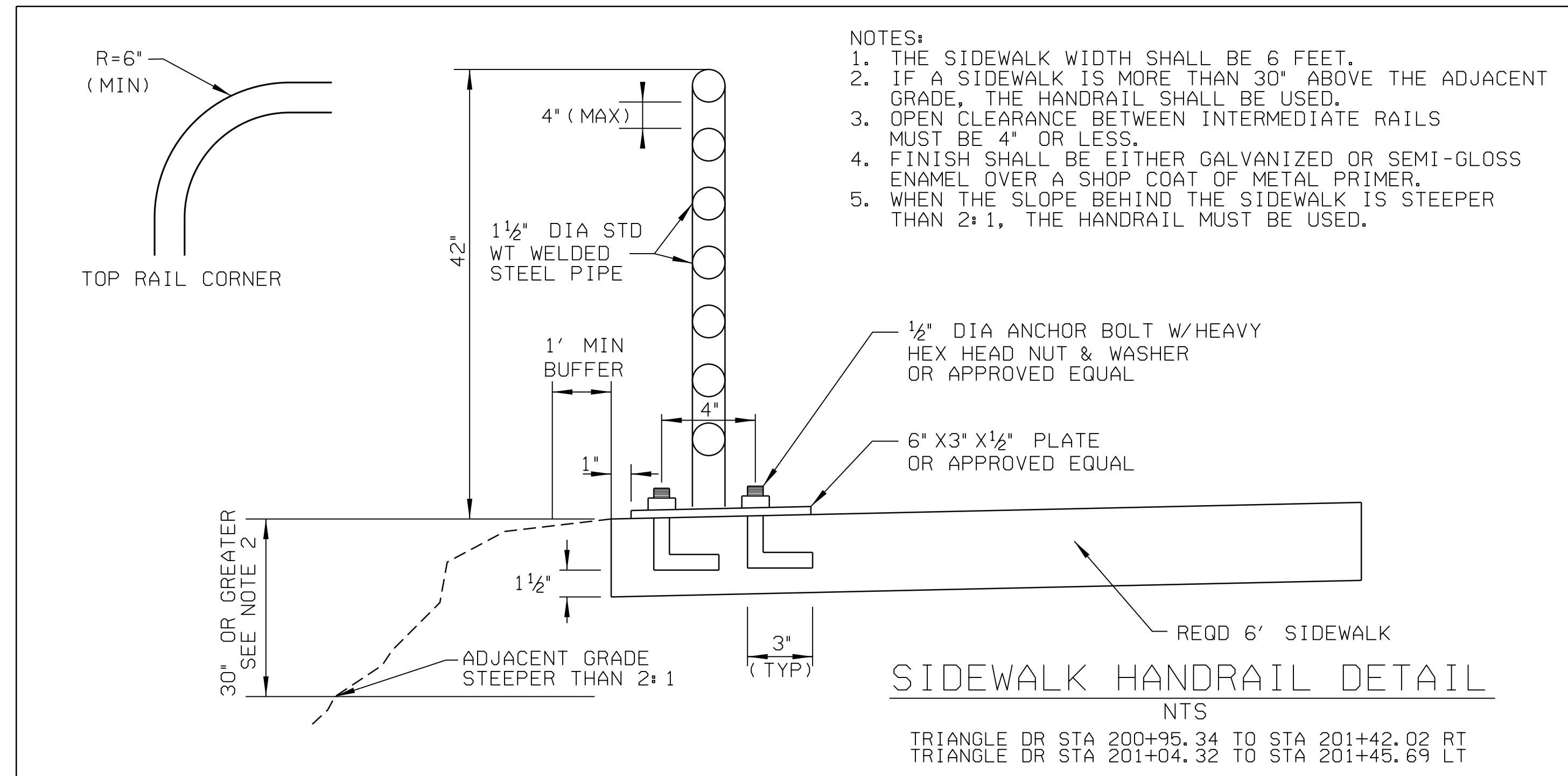
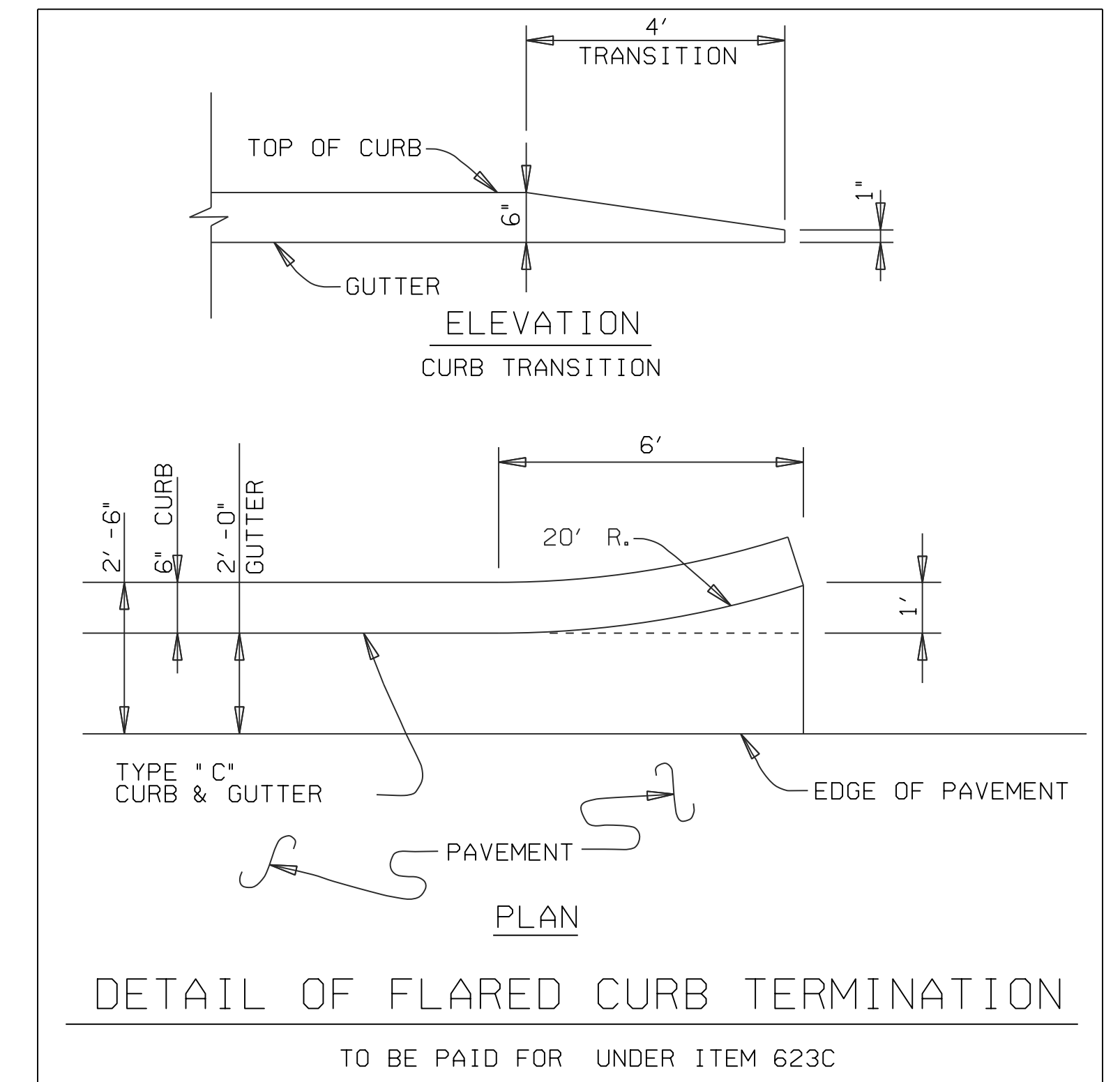
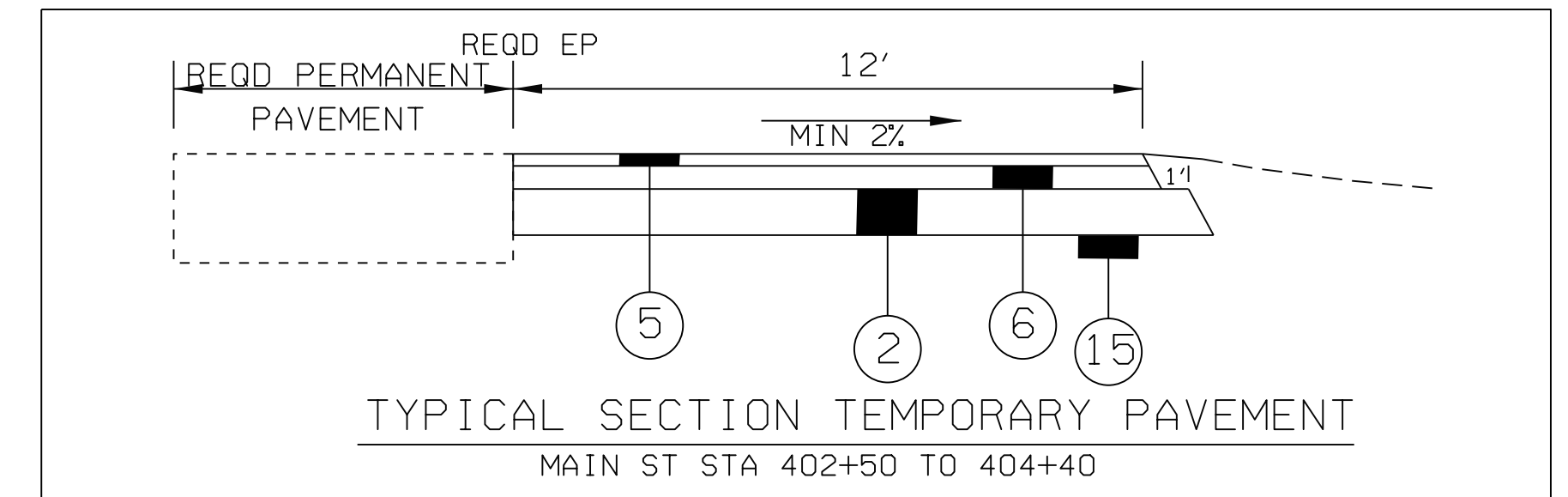
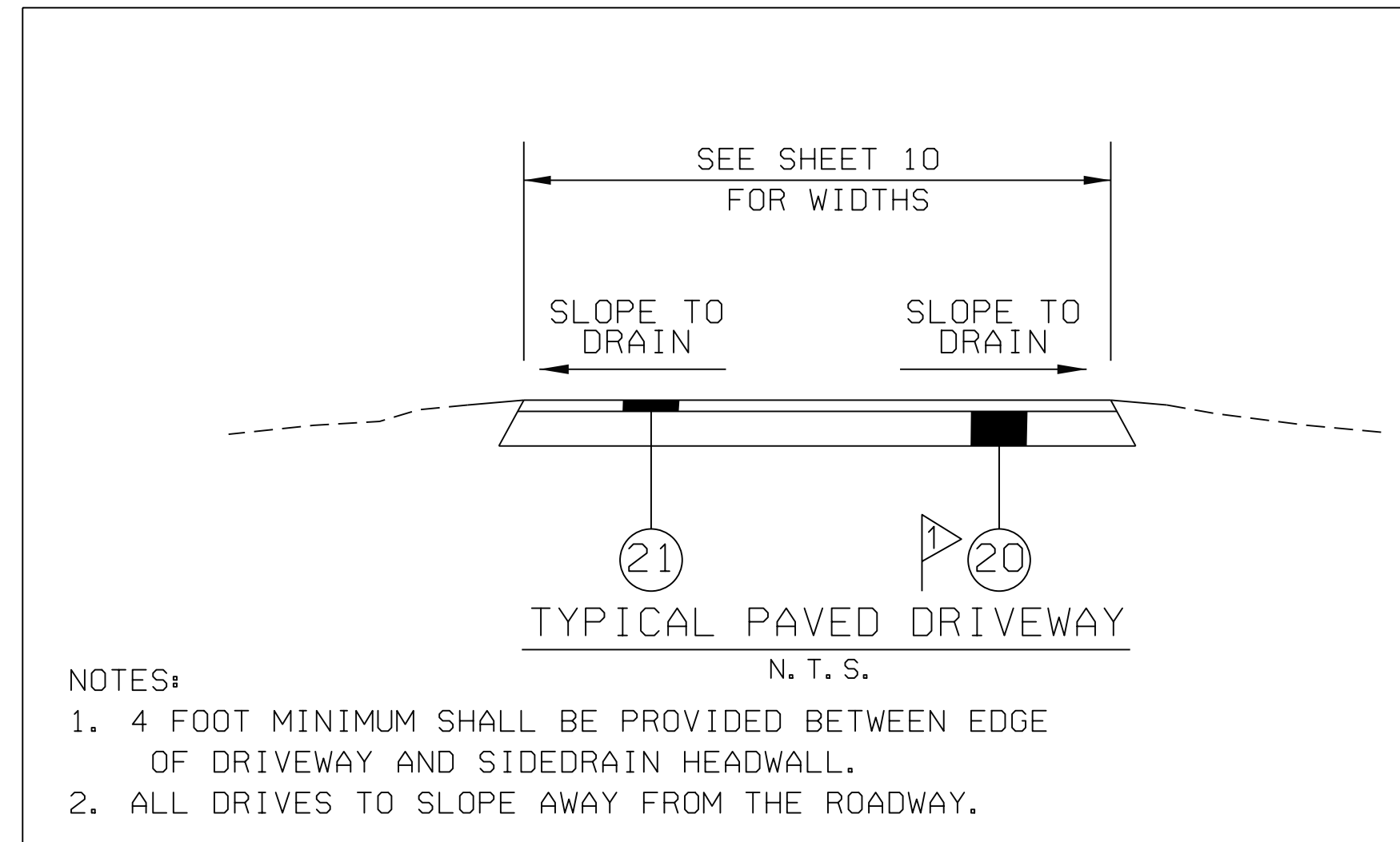
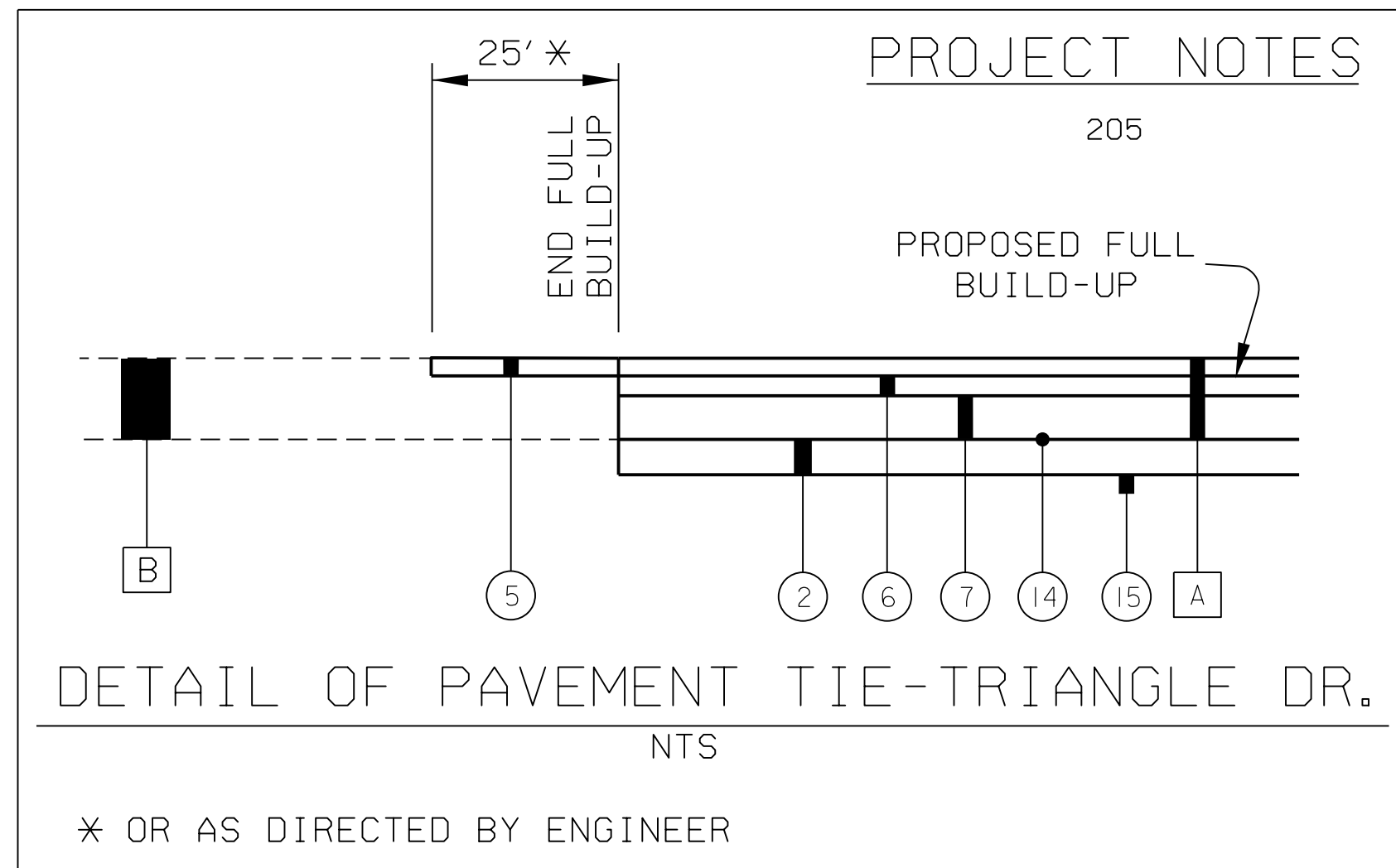
| SHEET NO. | DESCRIPTION   | SHEET NO. | DESCRIPTION  |
|-----------|---|-----------|--|
| 1         | TITLE SHEET   | 61        | LIGHTING SUMMARY OF QUANTITIES                               |
| 1A        | INDEX TO SHEETS   | 62        | ELECTRICAL LEGEND & ABBREVIATIONS                            |
| 1B-1C     | STANDARD AND SPECIAL DRAWINGS   | 62A       | POLE DESIGNATION SCHEME & LIGHTING CRITERIA                  |
| 1D        | PLANS LEGEND SHEET  | 63        | REQUIRED LUMINARE ASSEMBLY LAYOUT                            |
| 1E        | PLANS LEGEND SHEET ABBREVIATIONS  | 64        | REQUIRED SINGLE LINE WIRING DIAGRAM                          |
| 1F        | GEOMETRIC CONTROL SHEET   | 65        | SPECIAL PROJECT DETAIL: POLE MOUNTED LIGHTING CONTROL CENTER |
| 1G        | GEOMETRIC DATA SHEET  | 66-99     | OMITTED  |
| 2-2B      | TYPICAL SECTION   | 100-102   | CROSS SECTION SHEET - VETERANS DR                            |
| 2C-2E     | PROJECT DETAILS   | 103-105   | CROSS SECTION SHEET - MAIN ST                                |
| 2F        | ISLAND DETAIL   | 106-110   | CROSS SECTION SHEET - NORTH SECTION ST                       |
| 2G-2H     | PROJECT NOTES   | 111-117   | CROSS SECTION SHEET - TRIANGLE DR                            |
| 2-I       | GENERAL TRAFFIC CONTROL PLAN NOTES  | 118-119   | OMITTED  |
| 3-3F      | SUMMARY OF QUANTITIES   | 120-128   | CROSS SECTION SHEET - ROUNDABOUT                             |
| 4         | PLAN SHEET  | 129       | OMITTED  |
| 4A        | DEMO SHEET  | 130       | EARTHWORK SUMMARY 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  |           |  |



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

# PROJECT DETAILS

|                      |             |          |
|----------------------|-------------|----------|
| REFERENCE PROJECT NO | FISCAL YEAR | SHEET NO |
| STPSU-0220(256)      | 2024        | 2C       |

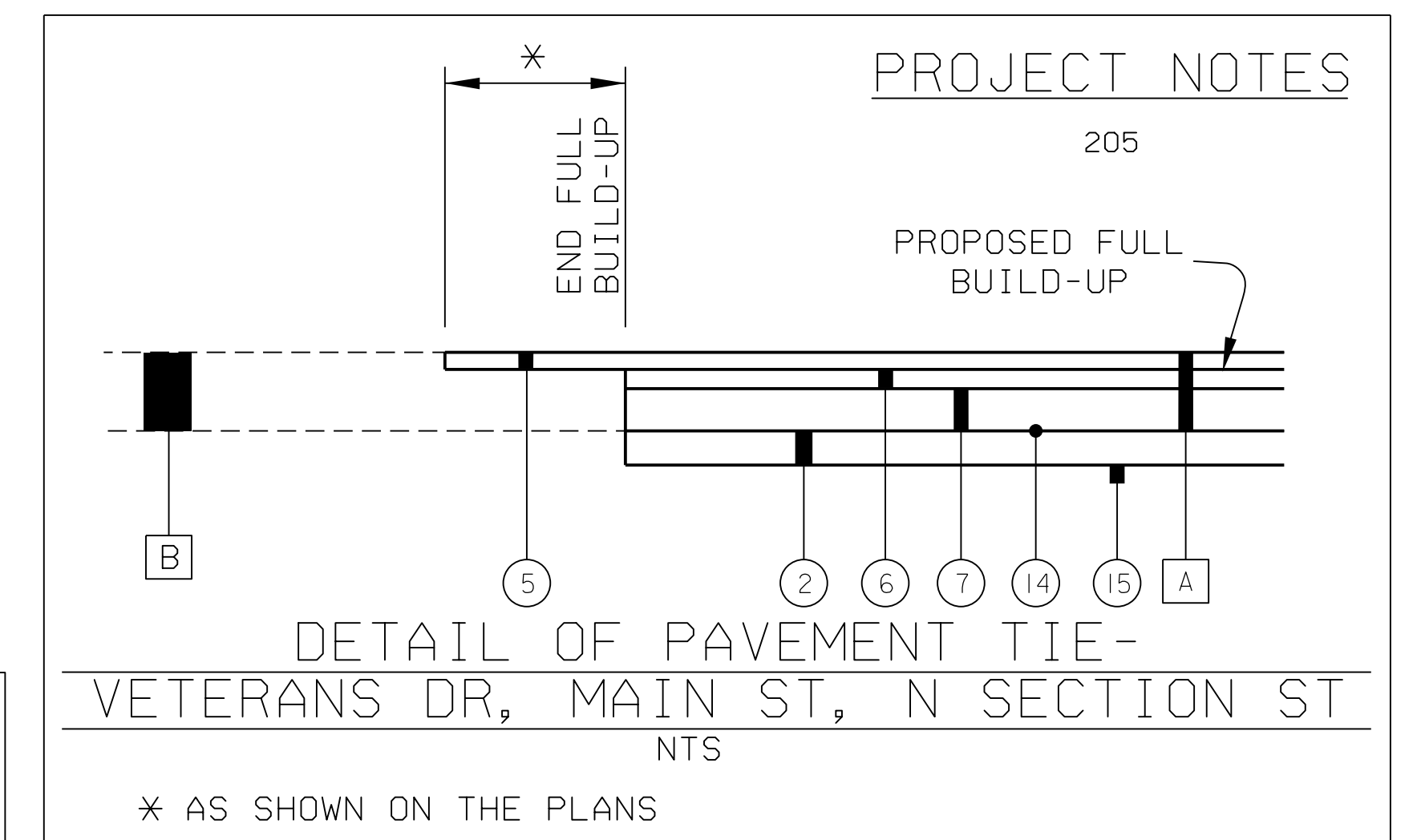


**EXISTING & REQUIRED MATERIALS LEGEND**

| LEGEND NO. | ITEM NO. | DESCRIPTION   |
|------------|----------|---|
| A          |          | IN-PLACE ASPHALT PAVEMENT (REMOVE)  |
| B          |          | IN-PLACE ASPHALT PAVEMENT (RETAIN)  |
| 2          | 301A-012 | CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 6" COMPACTED THICKNESS  |
| 5          | 424A-360 | SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APP 195 #/SY) |
| 6          | 424B-651 | SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APP 250 #/SY)      |
| 7          | 424B-681 | SUPERPAVE BITUMINOUS CONCRETE LOWER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APP 275 #/SY)      |
| 14         | 401A-000 | BITUMINOUS TREATMENT A  |
| 15         | 230A-000 | ROADBED PROCESSING  |
| 20         | 305B-078 | CRUSHED AGGREGATE, SECTION 825, TYPE B, FOR MISCELLANEOUS USE   |
| 21         | 424A-369 | SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, WIDENING, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D      |



REV 1:  
REVISED PAY ITEM  
FROM 305A-057 TO  
PAY ITEM 305B-078



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

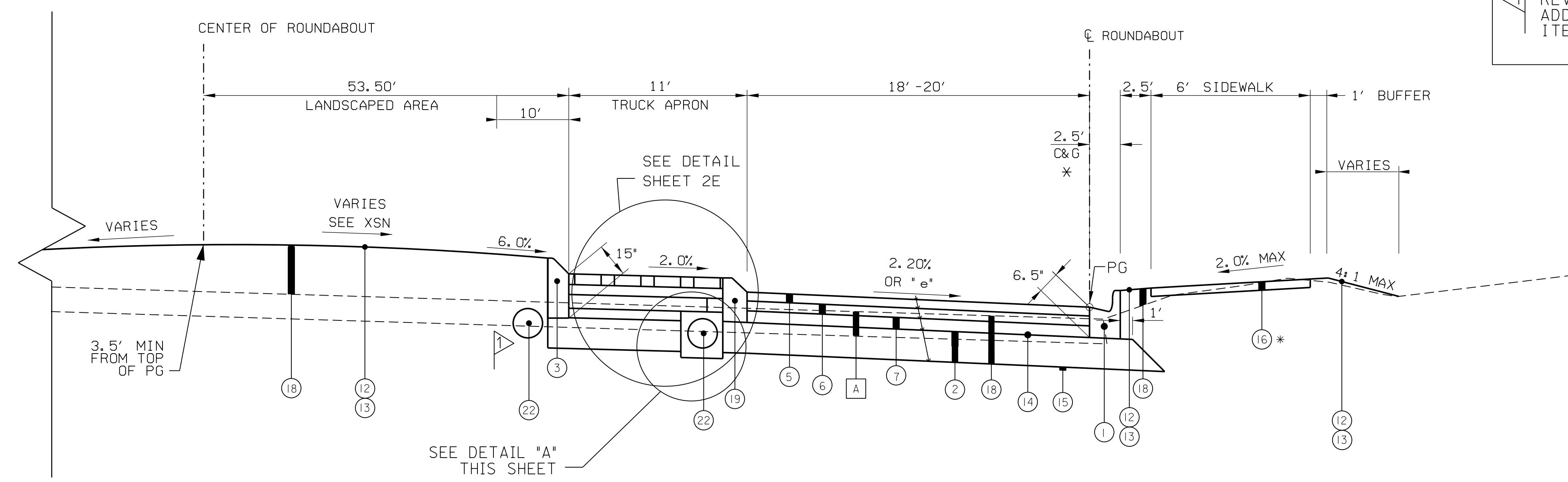


# TYPICAL SECTION

|                      |             |          |
|----------------------|-------------|----------|
| REFERENCE PROJECT NO | FISCAL YEAR | SHEET NO |
| STPSU-0220(256)      | 2024        | 2        |

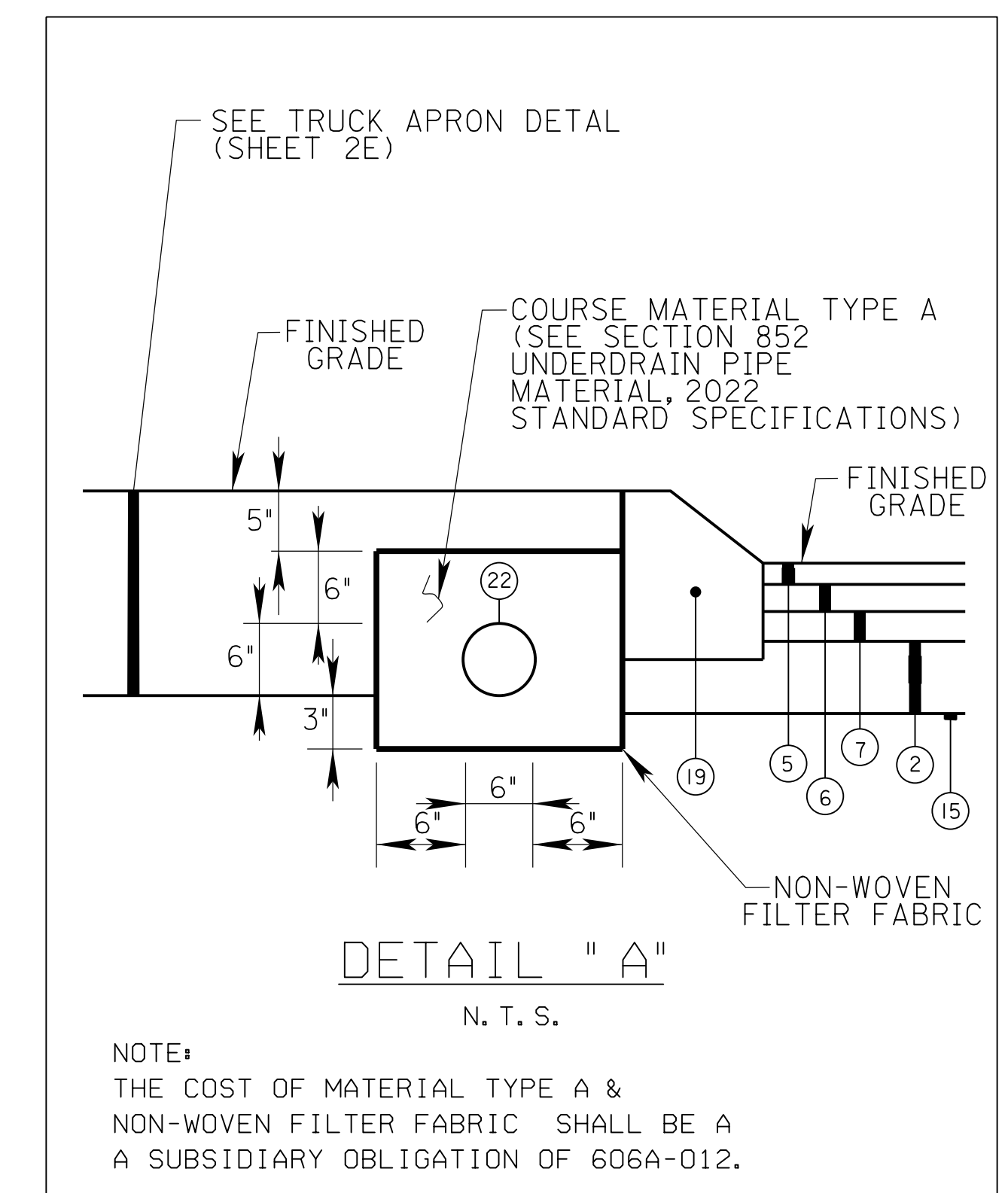
REV 1:  
ADDED UNDERDRAIN PAY  
ITEM 606A-009

PROJECT NOTES  
200, 201, 202, 203, 204, 205, 210

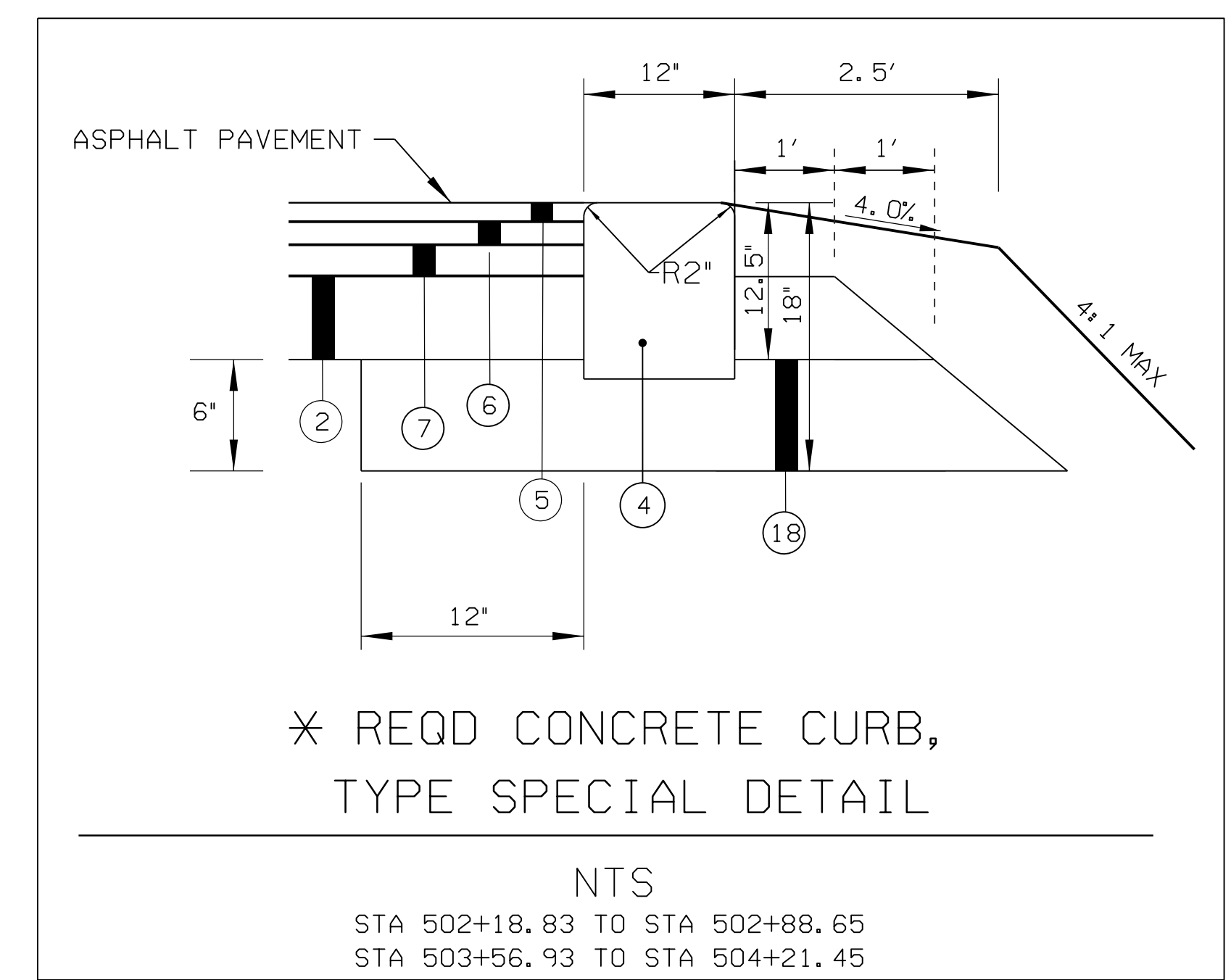


TYPICAL SECTION  
NTS  
ROUNDABOUT  
STA 500+00.00 TO STA 505+18.36

\* SEE PROJECT NOTES



| LEGEND NO. | ITEM NO.                 | EXISTING & REQUIRED MATERIALS LEGEND DESCRIPTION  |
|------------|--------------------------|---|
| A          |                          | IN-PLACE ASPHALT PAVEMENT (REMOVE)  |
| 1          | 623C-000                 | COMBINATION CURB & GUTTER, TYPE C   |
| 2          | 301A-012                 | CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 6" COMPACTED THICKNESS (36.75'-38.75' WIDE)                     |
| 3          | 623B-000                 | CONCRETE CURB, TYPE N   |
| 4          | 623B-120                 | CONCRETE CURB (TYPE SPECIAL)  |
| 5          | 424A-360                 | SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APP 195 #/SY) |
| 6          | 424B-651                 | SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APP 250 #/SY)      |
| 7          | 424B-681                 | SUPERPAVE BITUMINOUS CONCRETE LOWER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APP 275 #/SY)      |
| 12         | 650A-000                 | TOPSOIL (APPROX. 4" THICK)  |
| 13         | 654A-001                 | SOLID SODDING (BERMUDA)   |
| 14         | 401A-000                 | BITUMINOUS TREATMENT A (18'-20' WIDE)   |
| 15         | 230A-000                 | ROADBED PROCESSING (38.8'-40.8' WIDE)   |
| 16         | 618A-000                 | CONCRETE SIDEWALK, 4" THICK   |
| 18         | 210A-000 AND/OR 210D-015 | UNCLASSIFIED EXCAVATION AND/OR BORROW EXCAVATION (LOOSE TRUCKBED MEASUREMENT)(A2 OR BETTER)                         |
| 19         | 623B-007                 | CONCRETE CURB, TYPE G   |
| 20         | 305B-078                 | CRUSHED AGGREGATE, SECTION 825, TYPE B, FOR MISCELLANEOUS USE   |
| 22         | 606A-012                 | 6" UNDERDRAIN PIPE, TYPE 8  |
| 23         | 606A-009                 | 6" UNDERDRAIN PIPE, TYPE 10   |



|                 |             |           |                |                  |                 |            |
|-----------------|-------------|-----------|----------------|------------------|-----------------|------------|
| RESPONSIBLE PE: | SUPERVISOR: | DESIGNER: | PLAN SUBMITTAL | CITY OF FAIRHOPE | SHEET TITLE     | ROUTE      |
| DATE:           | DATE:       | DATE:     | 100%           | NOT TO SCALE     | TYPICAL SECTION | ROUNDABOUT |

# SUMMARY OF QUANTITIES

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

REV 1:  
REVISED 305A-057  
TO 305B-078; REVISED  
QTY FOR PAY ITEM  
610D-003; ADDED  
PAY ITEM 606A-009

| ROADWAY QUANTITY | TOTAL QUANTITY | ITEM NO. | UNIT            | DESCRIPTION  | PROJECT NOTES |
|------------------|----------------|----------|-----------------|--|---------------|
| 1                | 1              | 201A002  | LUMP SUM        | CLEARING AND GRUBBING (MAXIMUM ALLOWABLE BID \$8000/ACRE) (APPROX. 1 ACRE)                                     |               |
| 347              | 347            | 206C000  | SQUARE YARD     | REMOVING CONCRETE SIDEWALK   |               |
| 41               | 41             | 206C002  | SQUARE YARD     | REMOVING CONCRETE SLOPE PAVING   |               |
| 282              | 282            | 206C026  | SQUARE YARD     | REMOVING TEMPORARY ASPHALT PAVEMENT (UNCLASSIFIED)   |               |
| 18               | 18             | 206D000  | LINEAR FOOT     | REMOVING PIPE  |               |
| 184              | 184            | 206D002  | LINEAR FOOT     | REMOVING CURB  |               |
| 1                | 1              | 206E000  | EACH            | REMOVING HEADWALLS   |               |
| 2                | 2              | 206E001  | EACH            | REMOVING INLETS  |               |
| 2292             | 2292           | 210A000  | CUBIC YARD      | UNCLASSIFIED EXCAVATION  |               |
| 2403             | 2403           | 210D020  | CUBIC YARD      | BORROW EXCAVATION (LOOSE TRUCKBED MEASUREMENT)(A2 OR BETTER)   |               |
| 132              | 132            | 214A000  | CUBIC YARD      | STRUCTURE EXCAVATION   |               |
| 152              | 152            | 214B001  | CUBIC YARD      | FOUNDATION BACKFILL, COMMERCIAL  |               |
| 15               | 15             | 230A000  | ROADBED STATION | ROADBED PROCESSING   |               |
| 3905             | 3905           | 301A012  | SQUARE YARD     | CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 6" COMPACTED THICKNESS                                     |               |
| 141              | 141            | 305B078  | TON             | CRUSHED AGGREGATE, SECTION 825, TYPE B, FOR MISCELLANEOUS USE  |               |
| 1420             | 1420           | 401A000  | SQUARE YARD     | BITUMINOUS TREATMENT A   |               |
| 200              | 200            | 405A000  | GALLON          | TACK COAT  |               |
| 2166             | 2166           | 408A052  | SQUARE YARD     | PLANING EXISTING PAVEMENT (APPROXIMATELY 1.10" THRU 2.0" THICK)  |               |
| 437              | 437            | 424A360  | TON             | SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D           |               |
| 52               | 52             | 424A369  | TON             | SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, WIDENING, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D |               |
| 215              | 215            | 424B651  | TON             | SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D                |               |
| 100              | 100            | 424B657  | TON             | SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, LEVELING, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D    |               |
| 207              | 207            | 424B681  | TON             | SUPERPAVE BITUMINOUS CONCRETE LOWER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D                |               |
| 100              | 100            | 430B040  | TON             | AGGREGATE SURFACING (CRUSHED AGGREGATE BASE, TYPE B)   |               |
| 11199            | 11199          | 502A000  | POUND           | STEEL REINFORCEMENT  |               |
| 100              | 100            | 517D000  | LINEAR FOOT     | SIDEWALK HANDRAIL  |               |
| 52               | 52             | 524B010  | CUBIC YARD      | CULVERT CONCRETE EXTENSION   |               |
| 65               | 65             | 533A098  | LINEAR FOOT     | 18" STORM SEWER PIPE (CLASS 3 R.C.)  |               |
| 1                | 1              | 600A000  | LUMP SUM        | MOBILIZATION   |               |
| 7                | 7              | 602A000  | EACH            | RIGHT OF WAY MARKERS   |               |
| 335              | 335            | 606A009  | LINEAR FOOT     | 6" UNDERDRAIN PIPE, TYPE 10  |               |
| 400              | 400            | 606A012  | LINEAR FOOT     | 6" UNDERDRAIN PIPE, TYPE 8   |               |
| 50               | 50             | 610C001  | TON             | LOOSE RIPRAP, CLASS 2  |               |
| 487              | 487            | 610D003  | SQUARE YARD     | FILTER BLANKET, GEOTEXTILE   |               |
| 3676             | 3676           | 613F000  | SQUARE FOOT     | BRICK PAVING   |               |
| 98               | 98             | 614A000  | CUBIC YARD      | SLOPE PAVING   |               |
| 448              | 448            | 618A000  | SQUARE YARD     | CONCRETE SIDEWALK, 4" THICK  |               |
| 39               | 39             | 618B003  | SQUARE YARD     | CONCRETE DRIVEWAY, 6" THICK (INCLUDES WIRE MESH)   |               |
| 72               | 72             | 618C001  | SQUARE FOOT     | DETECTABLE WARNING SURFACE   |               |
| 28               | 28             | 618D000  | SQUARE YARD     | CURB RAMP  |               |
| 2                | 2              | 619A002  | EACH            | 18" ROADWAY PIPE END TREATMENT, CLASS 1  |               |
| 1                | 1              | 620A000  | CUBIC YARD      | MINOR STRUCTURE CONCRETE   |               |
| 4                | 4              | 621C008  | EACH            | INLETS, TYPE E   |               |
| 1                | 1              | 621C129  | EACH            | INLETS, TYPE C (PARTIAL)   |               |
| 2                | 2              | 621C163  | EACH            | INLETS, TYPE S3 (MODIFIED)   |               |
| 1465             | 1465           | 623B000  | LINEAR FOOT     | CONCRETE CURB, TYPE N  |               |
| 399              | 399            | 623B007  | LINEAR FOOT     | CONCRETE CURB, TYPE G  |               |
| 583              | 583            | 623B120  | LINEAR FOOT     | CONCRETE CURB, (TYPE SPECIAL)  |               |
| 943              | 943            | 623C000  | LINEAR FOOT     | COMBINATION CURB & GUTTER, TYPE C  |               |
| 457              | 457            | 650A000  | CUBIC YARD      | TOPSOIL  |               |
| 1                | 1              | 652C000  | ACRE            | MOWING   |               |
| 4075             | 4075           | 654A001  | SQUARE YARD     | SOLID SODDING (BERMUDA)  |               |
| 205              | 205            | 659C005  | SQUARE YARD     | EROSION CONTROL PRODUCT, TYPE C4   |               |
| 2                | 2              | 665A000  | ACRE            | TEMPORARY SEEDING  |               |
| 6                | 6              | 665B001  | TON             | TEMPORARY MULCHING   |               |
| 500              | 500            | 665E000  | SQUARE YARD     | POLYETHYLENE   |               |
| 25               | 25             | 665F000  | EACH            | HAY BALES  |               |
| 25               | 25             | 665G000  | EACH            | SAND BAGS  |               |
| 50               | 50             | 665I000  | TON             | TEMPORARY RIPRAP, CLASS 2  |               |
| 1288             | 1288           | 665J002  | LINEAR FOOT     | SILT FENCE   |               |
| 40               | 40             | 665K000  | CUBIC YARD      | DRAINAGE SUMP EXCAVATION   |               |



|                 |             |           |                |                         |              |                       |            |
|-----------------|-------------|-----------|----------------|-------------------------|--------------|-----------------------|------------|
| 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 |



# SUMMARY OF QUANTITIES

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

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

| ROADWAY QUANTITY | TOTAL QUANTITY | ITEM NO. | UNIT        | DESCRIPTION  | PROJECT NOTES |
|------------------|----------------|----------|-------------|--|---------------|
| 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   |               |
| 5                | 5              | 750D200  | EACH        | ELECTRICAL JUNCTION BOX, TYPE 1  |               |
| 100              | 100            | 750E115  | LINEAR FOOT | CONDUIT, 2 INCH, RIGID NONMETALLIC   |               |
| 50               | 50             | 750F024  | LINEAR FOOT | CONDUCTOR, #6 AWG  |               |
| 100              | 100            | 750F026  | LINEAR FOOT | CONDUCTOR, #2 AWG  |               |
| 1200             | 1200           | 750G010  | LINEAR FOOT | COMBINED DUCT AND CABLE, 2 #6 AWG/ 1#6 AWG GND                                       |               |
| 1400             | 1400           | 750G012  | LINEAR FOOT | COMBINED DUCT AND CABLE, 4 #6 AWG/ 1#6 AWG GND                                       |               |
| 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                                   |               |



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

# SUMMARY OF QUANTITIES

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

| REQUIRED CURB AND GUTTER |              |            |        |                                |                                |                                       |  |                       |  |
|--------------------------|--------------|------------|--------|--------------------------------|--------------------------------|---------------------------------------|--|-----------------------|--|
| ITEM NO                  |              |            |        | 623B-000                       | 623B-007                       | 623B-120                              | 623C-000                                     | STD OR SPECIAL DWG NO |  |
| BASILINE                 | FROM STATION | TO STATION | SIDE   | CONCRETE CURB, TYPE N (LIN FT) | CONCRETE CURB, TYPE G (LIN FT) | CONCRETE CURB (TYPE SPECIAL) (LIN FT) | COMBINATION CURB AND GUTTER, TYPE C (LIN FT) |                       |  |
| N SECTION ST             | 101+73       | 102+87     | MEDIAN | 246.21                         |                                |                                       |  | 623-XY                |  |
| N SECTION ST             | 101+82       | 103+06     | RT     |                                |                                | 129.347                               |  | 623-XY                |  |
| N SECTION ST             | 101+82       | 103+23     | LT     |                                |                                | 146.72                                |  | 623-XY                |  |
| TRIANGLE DR              | 200+99       | 201+17     | MEDIAN | 63.8                           |                                |                                       |  | 623-XY                |  |
| TRIANGLE DR              | 201+29       | 202+36     | MEDIAN | 224.03                         |                                |                                       |  | 623-XY                |  |
| TRIANGLE DR              | 200+67       | 200+98     | RT     |                                |                                | 60.24                                 |  | 623-XY                |  |
| TRIANGLE DR              | 200+98       | 203+53     | RT     |                                |                                |                                       | 233.62                                       | 623-XY                |  |
| TRIANGLE DR              | 200+89       | 201+58     | LT     |                                |                                |                                       | 88.1   | 623-XY                |  |
| TRIANGLE DR              | 201+64       | 202+57     | LT     |                                |                                |                                       | 90.45  | 623-XY                |  |
| VETERANS DR              | 301+04       | 301+50     | MEDIAN | 111.3                          |                                |                                       |  | 623-XY                |  |
| VETERANS DR              | 301+60       | 302+51     | MEDIAN | 185.29                         |                                |                                       |  | 623-XY                |  |
| VETERANS DR              | 300+73       | 301+48     | RT     |                                |                                |                                       | 88.05  | 623-XY                |  |
| VETERANS DR              | 301+54       | 302+29     | RT     |                                |                                |                                       | 68.93  | 623-XY                |  |
| VETERANS DR              | 300+90       | 301+48     | LT     |                                |                                |                                       | 77.62  | 623-XY                |  |
| VETERANS DR              | 301+54       | 302+29     | LT     |                                |                                |                                       | 72.34  | 623-XY                |  |
| MAIN ST                  | 402+72       | 403+43     | MEDIAN | 150.16                         |                                |                                       |  | 623-XY                |  |
| MAIN ST                  | 403+53       | 404+18     | MEDIAN | 148.2                          |                                |                                       |  | 623-XY                |  |
| MAIN ST                  | 402+19       | 403+13     | RT     |                                |                                | 105.24                                |  | 623-XY                |  |
| MAIN ST                  | 403+36       | 404+48     | RT     |                                |                                | 141.33                                |  | 623-XY                |  |
| MAIN ST                  | 402+19       | 403+45     | LT     |                                |                                |                                       | 119.64                                       | 623-XY                |  |
| MAIN ST                  | 403+51       | 404+45     | LT     |                                |                                |                                       | 104.42                                       | 623-XY                |  |
| ROUNDBOUT                | 500+00       | 505+18     | LT     | 336.15                         |                                |                                       |  | 623-XY                |  |
| ROUNDBOUT                | 500+00       | 505+18     | LT     |                                | 398.98                         |                                       |  | 623-XY                |  |
| <b>TOTAL</b>             |              |            |        | 1465                           | 399                            | 583                                   | 943  |                       |  |

| REQUIRED DRAINAGE SUMMARY |          |         |              |      |              |      |                   |         |                        |             |          |        |       |                                    |                      |       |                                 |                      |          |
|---------------------------|----------|---------|--------------|------|--------------|------|-------------------|---------|------------------------|-------------|----------|--------|-------|------------------------------------|----------------------|-------|---------------------------------|----------------------|----------|
| ENTRY NO                  | LOCATION |         |              |      | STRUCTURE NO |      | DRAINAGE SHEET NO |         | CLASS 3 RC STORM SEWER |             | INLETS   |        |       | ROADWAY PIPE END TREATMENT CLASS 1 |                      | SLOPE | FOUNDATION BACKFILL, COMMERCIAL | STRUCTURE EXCAVATION | ENTRY NO |
|                           | STATION  | STATION | ROADWAY      | SIDE | FROM         | TO   | PLAN              | SECTION | 18"                    | C (PARTIAL) |          | S3 MOD | 18"   | FOUNDATION BACKFILL, COMMERCIAL    | STRUCTURE EXCAVATION |       |                                 |                      |          |
|                           |          |         |              |      |              |      |                   |         | 533A-098               | 621C-129    | 621C-008 |        |       |                                    |                      |       |                                 |                      |          |
| LIN FT                    | EACH     | EACH    | EACH         | EACH | EACH         | EACH | EACH              |         |                        |             |          |        | CU YD | CU YD                              |                      |       |                                 |                      |          |
| 1                         | 403+70   | 403+76  | MAIN ST      | LT   | 1            | 2    | 4                 | 20      | 22                     |             |          |        | 1     | 4                                  | 6                    | 4     | 1                               |                      |          |
| 2                         | 403+76   | 403+84  | MAIN ST      | LT   | 2            | 3    | 4                 | 20      | 7                      |             | 1        |        |       |                                    | 2                    | 3     | 2                               |                      |          |
| 3                         | 403+84   | 404+08  | MAIN ST      | LT   | 3            | 4    | 4                 | 20      | 24                     |             | 2        |        |       |                                    | 7                    | 9     | 3                               |                      |          |
| 4                         | 301+28   | 301+23  | VETERANS DR  | CL   | 7            | 9    | 4                 | 20      |                        |             |          | 2      |       |                                    |                      |       | 4                               |                      |          |
| 5                         | 301+82   | 302+82  | VETERANS DR  | RT   | 11           | 12   | 4                 | 21      | 12                     |             | 1        |        |       | 4                                  | 4                    | 9     | 5                               |                      |          |
| 6                         | 103+21   | 102+84  | N SECTION ST | RT   | 13           | 14   | 4                 | 21      |                        |             | 1        |        |       | 4                                  |                      |       | 6                               |                      |          |
| <b>TOTAL</b>              |          |         |              |      |              |      |                   |         | 65                     | 1           | 4        | 2      | 2     | 19                                 | 25                   |       |                                 |                      |          |

|                                |                  |
|--------------------------------|------------------|
| ◆ 502A-000 STEEL REINFORCEMENT |                  |
| THIS SHEET TOTAL               | 5868 LBS         |
| SHEET 3C TOTAL                 | 5331 LBS         |
| <b>TOTAL</b>                   | <b>11199 LBS</b> |

|  |                  |
|--|------------------|
| ■ 214B-001 FOUNDATION BACKFILL, COMMERCIAL |                  |
| THIS SHEET TOTAL                           | 19 CU YD         |
| THIS SHEET TOTAL                           | 31 CU YD         |
| SHEET 3C TOTAL                             | 102 CU YD        |
| <b>TOTAL</b>                               | <b>152 CU YD</b> |

|                                 |                  |
|---------------------------------|------------------|
| ● 214A-000 STRUCTURE EXCAVATION |                  |
| THIS SHEET TOTAL                | 25 CU YD         |
| THIS SHEET TOTAL                | 107 CU YD        |
| <b>TOTAL</b>                    | <b>132 CU YD</b> |

| REQUIRED REINFORCED CONCRETE BOX CULVERTS (CAST IN PLACE) |               |    |                |         |              |                 |                |       |        |             |        |                           |                                    |                           |                              |   |                      |                                     |                 |
|---|---------------|----|----------------|---------|--------------|-----------------|----------------|-------|--------|-------------|--------|---------------------------|------------------------------------|---------------------------|------------------------------|---|----------------------|-------------------------------------|-----------------|
| LOCATION  | STRUCTURE NO. |    | DRAINAGE SHEET |         | CULVERT SIZE | LENGTH (LIN FT) | SKEW (DEGREES) |       |        | SLOPE (X:1) |        | MAX. FILL HEIGHT (LIN FT) | 524B-010                           | 502A-000                  | 214A-000                     | 214B-001                                | 610C-001             | 610D-003                            | REMARKS         |
|   | FROM          | TO | PLAN           | SECTION |              |                 | CULVERT        | INLET | OUTLET | INLET       | OUTLET |                           | CULVERT CONCRETE EXTENSION (CU YD) | STEEL REINFORCEMENT (LBS) | STRUCTURE EXCAVATION (CU YD) | FOUNDATION BACKFILL, COMMERCIAL (CU YD) | RIPRAP CLASS 2 (TON) | FILTER BLANKET (GEOTEXTILE) (SQ YD) |                 |
|   |               |    |                |         |              |                 |                |       |        |             |        |                           |                                    |                           |                              |   |                      |                                     |                 |
| VETERANS D  | 5             | 6  | 4              | 20      | CS-75        | 12              | 0              | 0     | 0      | 3           | 3      | 5                         | 22                                 | 2370                      | 81                           | 12                                      | 39                   | 43                                  | REQD 5' TOEWALL |
| VETERANS D  | 8             | 10 | 4              | 20      | CS-75        | 24              | 0              | 0     | 0      | 3           | 3      | 5                         | 30                                 | 3498                      | 25                           | 19                                      | 0                    | 24                                  | REQD 5' TOEWALL |
| <b>TOTAL</b>  |               |    |                |         |              |                 |                |       |        |             |        |                           | 52                                 | ◆ 5868                    | ● 107                        | ■ 31                                    | 39                   | ● 67                                |                 |



● SEE SHEET 3E FOR TOTAL

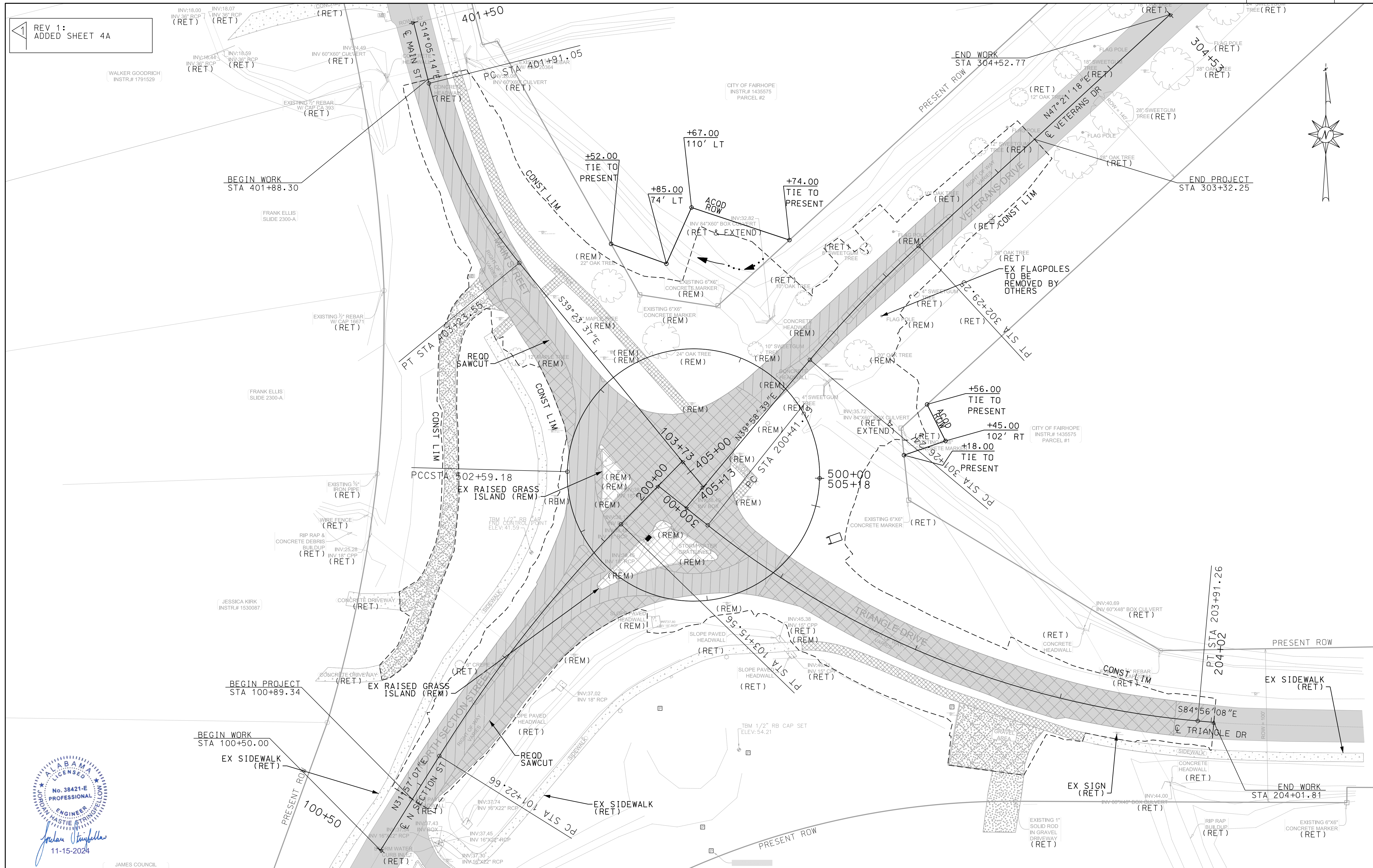
△ REV 1: REVISED QTY FOR FILTER BLANKET (GEOTEXTILE)

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




# DEMO SHEET

|                      |             |          |
|----------------------|-------------|----------|
| REFERENCE PROJECT NO | FISCAL YEAR | SHEET NO |
| STPSU-0220(256)      | 2024        | 4A       |



REV 1:  
ADDED SHEET 4A

ALABAMA  
LICENSED  
No. 38421-E  
PROFESSIONAL  
ENGINEER  
JACOB STIMPPELL  
11-15-2024

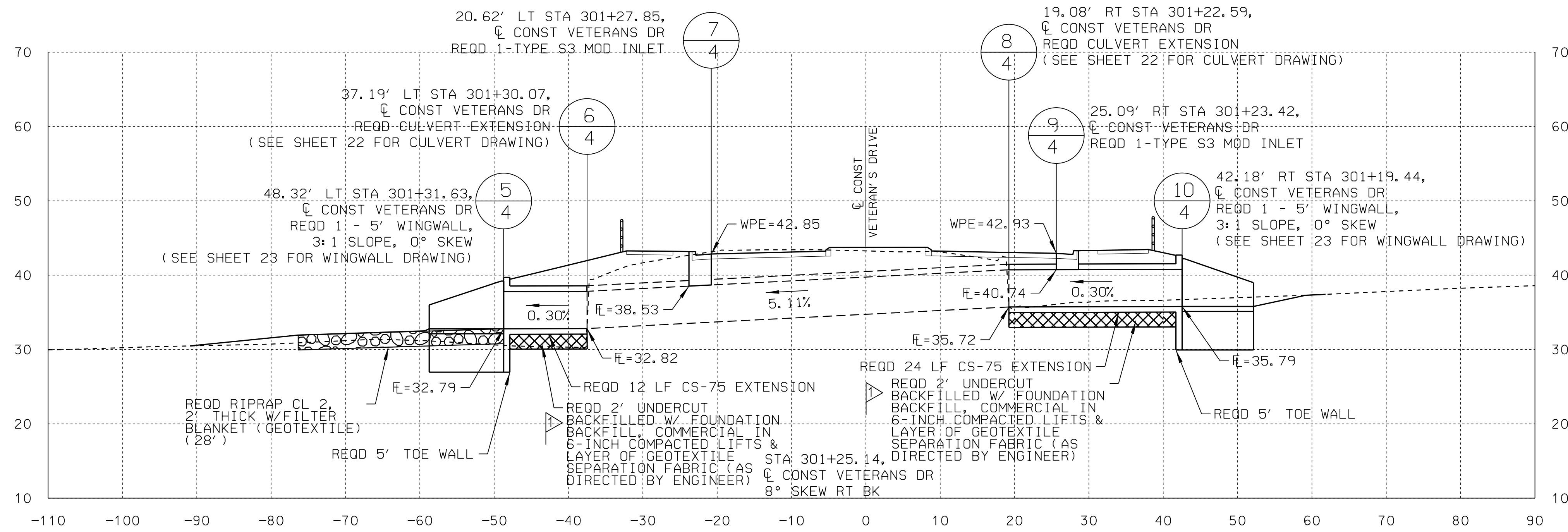
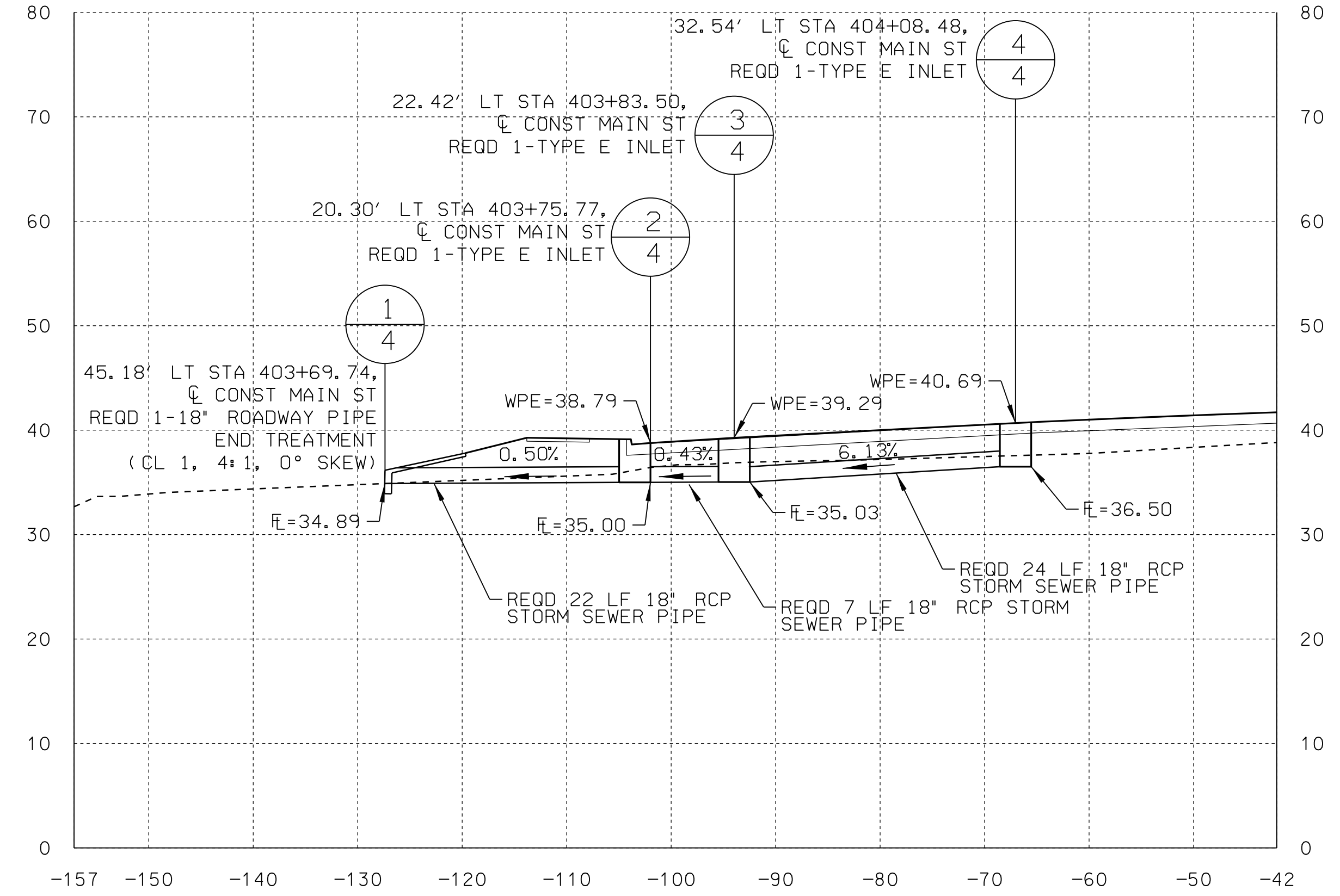
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|-----------------|-------------|-----------|----------------|---|-------------------------------|-------------|------------|
| RESPONSIBLE PE: | SUPERVISOR: | DESIGNER: | PLAN SUBMITTAL |  <b>CITY OF FAIRHOPE</b> | 30 0 30<br>HORIZ SCALE (FEET) | SHEET TITLE | ROUTE      |
| DATE:           | DATE:       | DATE:     | 100%           |   |                               | DEMO SHEET  | ROUNDABOUT |



# DRAINAGE SECTIONS

|                      |             |          |
|----------------------|-------------|----------|
| REFERENCE PROJECT NO | FISCAL YEAR | SHEET NO |
| STPSU-0220(256)      | 2024        | 20       |

REV 1:  
UPDATED DRAINAGE SECTION TO CALL FOR FOUNDATION BACKFILL, COMMERCIAL



JORDAN STRIFELLA  
 No. 38421-E  
 PROFESSIONAL ENGINEER  
 STATE OF ALABAMA  
 11-15-2024

|                 |             |           |                |                             |   |                   |           |
|-----------------|-------------|-----------|----------------|-----------------------------|---|-------------------|-----------|
| RESPONSIBLE PE: | SUPERVISOR: | DESIGNER: | PLAN SUBMITTAL | <br><b>CITY OF FAIRHOPE</b> | HORIZ SCALE 1"=10'<br>VERT SCALE 1"=10'<br> | SHEET TITLE       | ROUTE     |
| DATE:           | DATE:       | DATE:     | 100%           |                             |   | DRAINAGE SECTIONS | ROUNDBOUT |

# TRAFFIC CONTROL PLAN - LEGEND & ESTIMATED QUANTITIES

|                      |             |          |
|----------------------|-------------|----------|
| REFERENCE PROJECT NO | FISCAL YEAR | SHEET NO |
| STPSU-0220(256)      | 2024        | 25       |

REV 1:  
UPDATED CONSTRUCTION  
SIGNS AND BARRICADES  
QUANTITY


TCP NOTES  
SEE SHEET 2H

| REQUIRED CONSTRUCTION SIGNS (740B-000) |   |           |       |           |         |                 |               |
|--|---|-----------|-------|-----------|---------|-----------------|---------------|
| SIGN                                   | DESCRIPTION                                   | MOUNT     | CLASS | STD. DWG. | SIZE    | QUANTITY (EACH) | TOTAL (SQ FT) |
| R11-2                                  | ROAD CLOSED                                   | BARRICADE | STD   | SHS-8     | 48"X30" | 8               | 80            |
| R16-3                                  | WHEN WORKERS ARE PRESENT - BEGIN HIGHER FINES | POST      | STD   | SHS-10    | 48"X60" | 4               | 80            |
| R16-3a                                 | END HIGHER FINES                              | POST      | STD   | SHS-10    | 48"X48" | 4               | 64            |
| W20-1 (AHEAD)                          | ROAD WORK AHEAD                               | POST      | STD   | SHS-29    | 36"X36" | 4               | 36            |
| W20-1 (1500)                           | ROAD WORK 1500 FT                             | POST      | STD   | SHS-29    | 36"X36" | 4               | 36            |
| W20-1 (1000)                           | ROAD WORK 1000 FT                             | POST      | STD   | SHS-29    | 36"X36" | 4               | 36            |
| W20-1 (500)                            | ROAD WORK 500 FT                              | POST      | STD   | SHS-29    | 36"X36" | 4               | 36            |
| G20-1                                  | ROAD WORK NEXT XX MILES                       | POST      | STD   | SHS-30    | 36"X18" | 4               | 18            |
| R5-2                                   | NO TRUCKS                                     | POST      | STD   | SHS-3     | 24"X24" | 4               | 16            |
| W20-7                                  | FLAGGERS AHEAD                                | TEMPORARY | STD   | SHS-29    | 36"X36" | 4               | 36            |
| G20-2                                  | END ROAD WORK                                 | POST      | STD   | SHS-30    | 36"X18" | 4               | 18            |
| w20-2 (AHEAD)                          | DETOUR AHEAD                                  | POST      | STD   | SHS-29    | 36"X36" | 12              | 108           |
| M4-8a                                  | END DETOUR                                    | POST      | STD   | SHS-31    | 24"X18" | 5               | 15            |
| M4-8                                   | DETOUR  | POST      | STD   | SHS-31    | 24"X12" | 16              | 32            |
| M6-1 (LT)                              | DIRECTION ARROW                               | POST      | STD   | SHS-21    | 21"X15" | 11              | 24.09         |
| M6-1 (RT)                              | DIRECTION ARROW                               | POST      | STD   | SHS-21    | 21"X15" | 10              | 21.9          |
| r11-3a                                 | ROAD CLOSED - LOCAL TRAFFIC ONLY              | BARRICADE | STD   | SHS-8     | 60"X30" | 15              | 187.5         |
| TOTAL                                  |   |           |       |           |         |                 | 844           |

| ESTIMATED QUANTITIES |   |       |          |                       |
|----------------------|---|-------|----------|-----------------------|
| ITEM NUMBER          | DESCRIPTION                                     | UNIT  | QUANTITY | STD OR SPECIAL DWG NO |
| 740B-000             | CONSTRUCTION SIGNS                              | SQ FT | 844      |                       |
| 740D-000             | CHANNELIZING DRUMS                              | EACH  | 100      | TCD-100               |
| 740E-000             | CONES (36 INCHES HIGH)                          | EACH  | 100      | TCD-100               |
| 740F-002             | BARRICADES, TYPE III                            | EACH  | 22       | B-107-2               |
| 741C-010             | PORTABLE SEQUENTIAL ARROW AND CHEVRON SIGN UNIT | EACH  | 4        |                       |
| 742A-001             | PORTABLE CHANGEABLE MESSAGE SIGN, TYPE 2        | EACH  | 4        |                       |

- LEGEND
- ◀ TRAFFIC CONTROL SIGN
  - CHANNELIZATION DRUM
  - ▲ CONE (36" HIGH)
  - FLAGMAN
  - ✱ TYPE "B" WARNING LIGHT
  - I TYPE III BARRICADE
  - ⇒ TRAFFIC DIRECTION
  - ▨ WORK AREA
  - ▤ TEMPORARY ASPHALT
  - ⇒ SEQUENTIAL ARROW PANEL
  - ⬇ TEMPORARY TRAFFIC SIGNAL
  - ↓ VERTICAL PANEL
  - ∞ MESSAGE BOARD



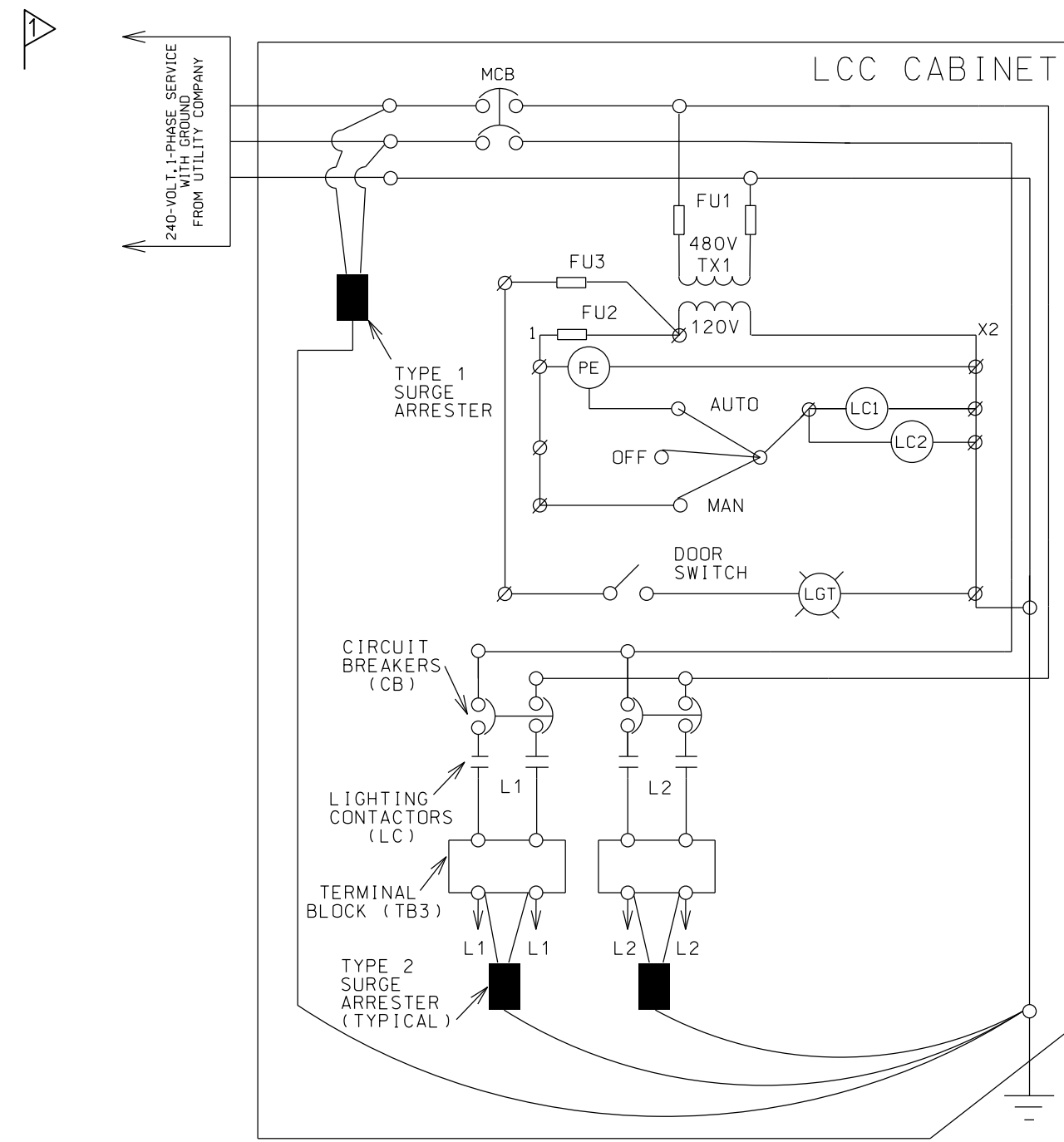
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|-----------------|-------------|-----------|----------------|---|--------------|--|-------------|
| RESPONSIBLE PE: | SUPERVISOR: | DESIGNER: | PLAN SUBMITTAL |  <b>CITY OF FAIRHOPE</b> | NOT TO SCALE | SHEET TITLE  | ROUTE       |
| DATE:           | DATE:       | DATE:     | 100%           |   |              | TRAFFIC CONTROL PLAN<br>LEGEND & ESTIMATED<br>QUANTITIES | ROUNDAABOUT |



# SPECIAL PROJECT DETAIL: POLE MOUNTED LCC

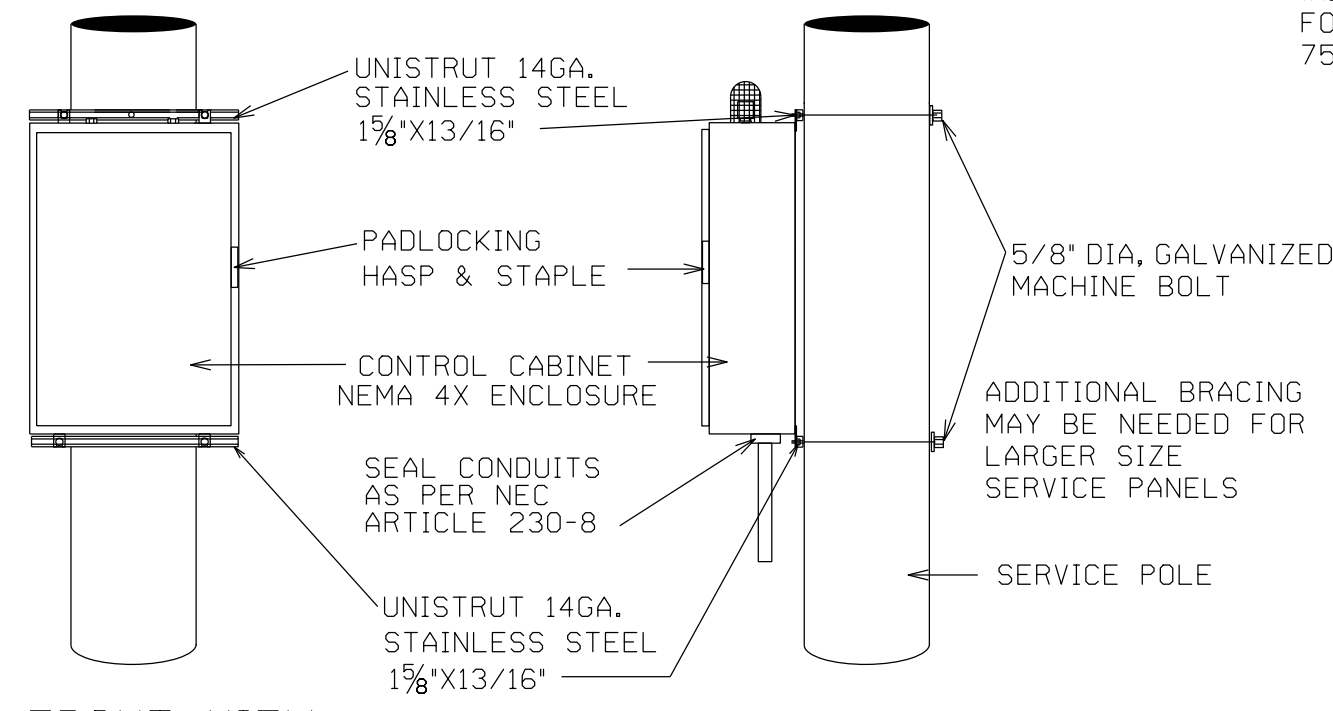
|                      |             |          |
|----------------------|-------------|----------|
| REFERENCE PROJECT NO | FISCAL YEAR | SHEET NO |
| STPSU-0220(256)      | 2024        | 65       |

REV 1:  
ADDED SHEET 65 -  
SPECIAL PROJECT DETAIL  
POLE MOUNTED CONTROL  
CENTER



TYPICAL SINGLE-LINE WIRING DIAGRAM  
NTS

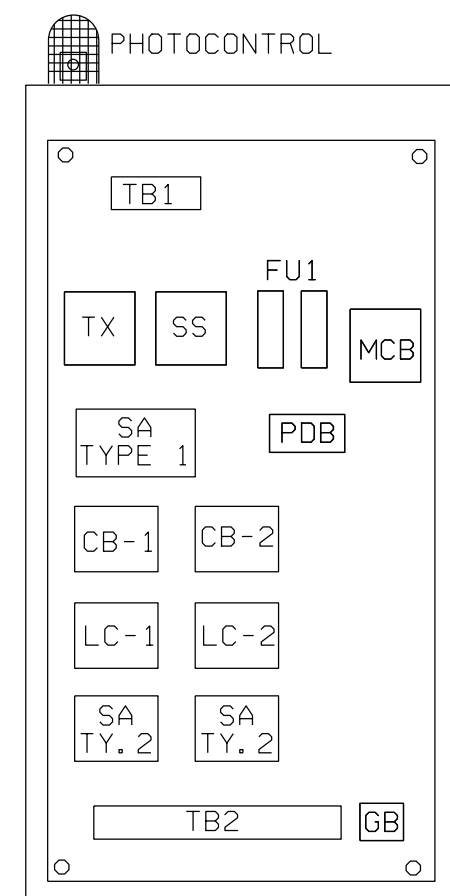
| PARTIAL EQUIPMENT SCHEDULE |   |
|----------------------------|---|
| PDB                        | POWER DISTRIBUTION BLOCK, 600 V-AC RATING, 2-POLE<br>SQUARE D1 BLOCK CATALOG # 9080 LBC263106<br>COPPER BUSSMANN PDB CATALOG # 16330<br>MERSEN (SERIES SHAMUIT) PDB, CATALOG # 66462 OR APPROVED EQUAL<br>OR APPROVED EQUAL   |
| MCB                        | MAIN CIRCUIT BREAKER<br>480 V-AC, 2 OR 3 POLE,<br>100 AMP (MINIMUM)<br>SQUARE D1 TYPE KAL OR KHL<br>GENERAL ELECTRIC TYPE 2224XXAL (WHERE XXX IS AMP RATING)<br>SIEMENS ELECTRICAL PRODUCTS: SENTRON MOLDED CASE TYPES JDB OR JXDB<br>OR APPROVED EQUAL   |
| CB                         | LOAD CIRCUIT BREAKERS<br>480 V-AC, 2-POLE,<br>SIZED 125% OF<br>CONTINUOUS LOAD<br>SQUARE D1 TYPE FHL OR BGL<br>GENERAL ELECTRIC TYPE FES326TEKXR (WHERE XXX IS AMP RATING)<br>SIEMENS ELECTRICAL PRODUCTS: SENTRON MOLDED CASE TYPE EGB<br>OR APPROVED EQUAL  |
| LC                         | LIGHTING CONTACTORS<br>2-POLE, NEMA, HELD,<br>120V-AC COIL, 50AMP(MIN.)<br>SQUARE D1 TYPE S, CLASS 8903<br>GENERAL ELECTRIC TYPE C9463M<br>SIEMENS ELECTRICAL PRODUCTS: CLM002120 (WHERE X IS AMP RATING)<br>OR APPROVED EQUAL  |
| SS                         | MANUAL-OFF-AUTO<br>SELECTOR SWITCH<br>MOUNTED IN A NEMA 3R<br>SURFACE MOUNT ENCLOSURE<br>SQUARE D1 CLASS 9001, TYPE KS43/8H1, WITH T62BP PLATE<br>GENERAL ELECTRIC: CR104P SERIES WITH EXTRA LARGE NAMEPLATE<br>SIEMENS INDUSTRIAL CONTROL PRODUCTS: SIRIUS 3S, 3-POSITION<br>OR APPROVED EQUAL                                 |
| FU1                        | FUSE BLOCK NO. 1<br>2-POLE, 480 V-AC, FOR<br>USE WITH TX1<br>(600 V-AC FUSE)<br>COPPER BUSSMANN, CAT.#M6032R WITH BUSSMANN FND-5 OR MERSEN ATOB5 FUSE<br>SQUARE D1 CAT.#9080 FB161TC WITH BUSSMANN FND-5 OR MERSEN ATOB5 FUSE<br>OR APPROVED EQUAL  |
| FU2                        | FUSE BLOCK NO. 2<br>120 V-AC, 1-POLE<br>(1250 V-AC FUSE)<br>COPPER BUSSMANN, CAT.#M6031B WITH BUSSMANN FNN-3.2 OR SHAMUIT ATOB3.2 FUSE<br>SQUARE D1 CAT.#9080 FB161TC WITH BUSSMANN FNN-3.2 OR SHAMUIT ATOB3.2 FUSE<br>FERRAZ SHAMUIT CLASS CC CAT.#30351R W/BUSSMANN FNN-3.2 OR SHAMUIT ATOB3.2 FUSE<br>OR APPROVED EQUAL      |
| FU3                        | FUSE BLOCK NO. 3<br>120 V-AC, 1-POLE, FOR<br>CABINET LIGHT<br>(1250 V-AC FUSE)<br>COPPER BUSSMANN, CAT.#M6031B WITH BUSSMANN FNN-20 OR MERSEN ATOB20 FUSE<br>SQUARE D1 CAT.#9080 FB161TC WITH BUSSMANN FNN-20 OR MERSEN ATOB20 FUSE<br>MERSEN CLASS CC CAT.#30351R W/BUSSMANN FNN-20 OR MERSEN ATOB20 FUSE<br>OR APPROVED EQUAL |
| TX                         | CONTROL TRANSFORMER<br>DRY TYPE, 1-PH<br>480VAC - 120VAC<br>SQUARE D1 2KVA, STYLE A, NEMA TYPE 3R RATED, CATALOG #251F<br>DONGAN: 2KVA, TYPE NEMA 3R RATED, CATALOG #85-1045H<br>FERRAZ SHAMUIT 2KVA, TYPE FB, CATALOG #562N2   |
| TB1                        | 120V-AC TERMINAL BLOCK<br>BOX LUG TYPE FOR #14 - #6 AWG STRANDED COPPER WIRE  |
| TB2                        | 480V-AC TERMINAL BLOCK<br>BOX LUG TYPE FOR #6 - #2/0 AWG STRANDED COPPER WIRE   |
| TB3                        | 480V-AC TERMINAL BLOCK<br>BOX LUG TYPE FOR #6 - #2/0 AWG STRANDED COPPER OR ALUMINUM WIRE   |
| GB                         | EQUIPMENT GROUND BUSS<br>BOX LUG TYPE FOR #6 - #4 AWG STRANDED COPPER WIRE  |
| SA                         | TYPE 1 SURGE ARRESTER TYPE 1<br>ADVANCED PROTECTION TECHNOLOGIES SPOLE, NO. 550A271V2PN OR APPROVED EQUAL   |
| SA                         | TYPE 2 SURGE ARRESTER TYPE 2<br>HESSOLITE HERMIDR OR APPROVED EQUAL   |
| LGT                        | LED LIGHT BAR<br>18 INCH, CCT 4000K +/- 500K, 900 LUMEN MIN.  |
| PE                         | PHOTOELECTRIC CONTROL<br>120V, FAIL ON<br>TORX 21L124F OR APPROVED EQUAL  |
| LCC                        | LIGHTING CONTROL CENTER<br>CABINET, NEMA 4 RATING,<br>ALUMINUM MATERIAL<br>MAXIMUM HEIGHT 4'-0"   |



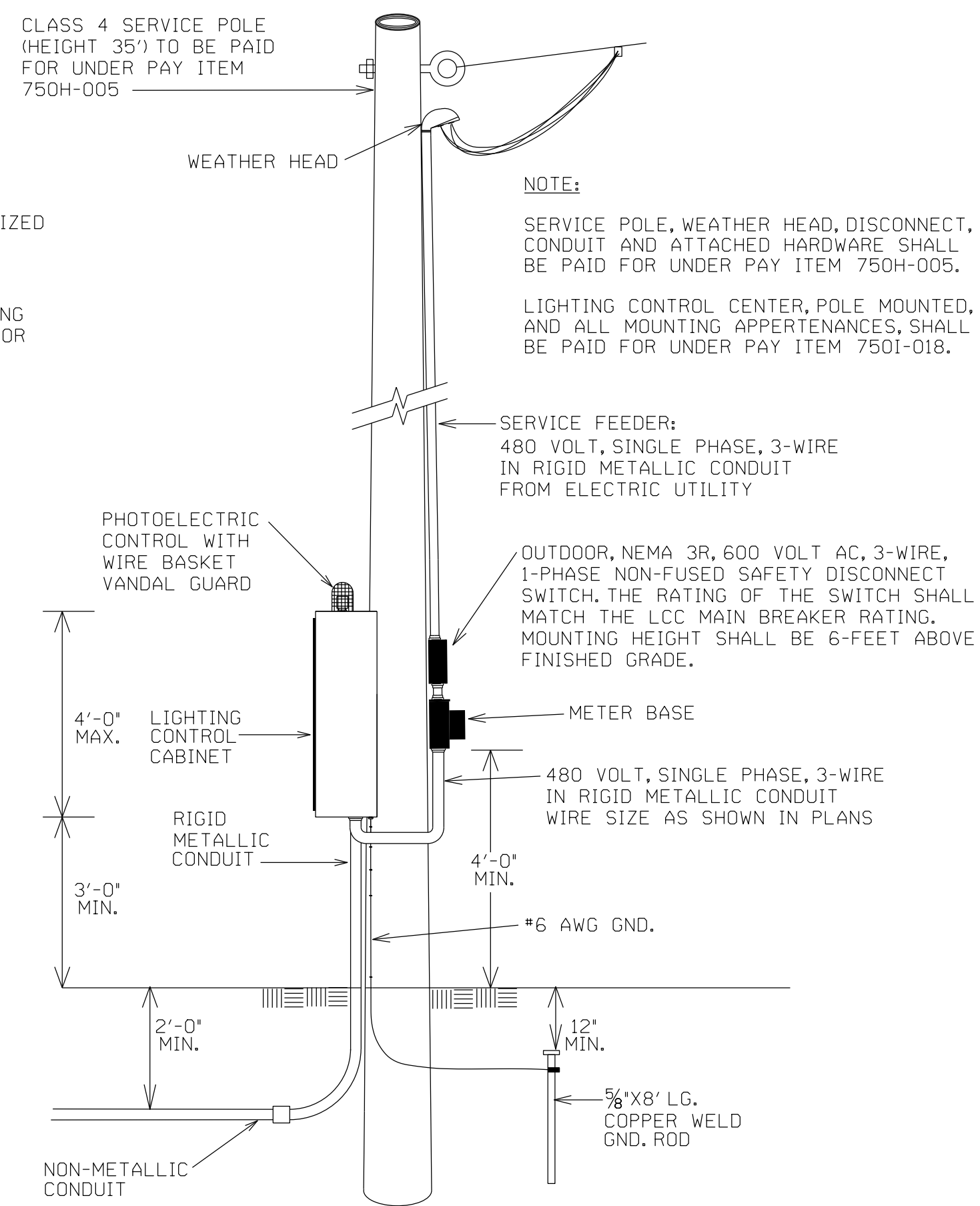
FRONT VIEW SIDE VIEW  
LIGHTING CONTROL CENTER,  
POLE MOUNTED, CABINET DETAIL  
NTS

NOTE:  
L1 AND L2 ARE TYPICAL  
LIGHTING FEEDER CIRCUITS.  
SEE PLAN ASSEMBLY FOR  
CIRCUIT QUANTITIES,  
CONDUCTOR SIZES,  
AND LOCATIONS.

5/8" DIAMETER X 8'-0"  
LONG COPPER-CLAD  
GROUNDING ELECTRODE



TYPICAL LIGHTING  
CONTROL CENTER (LCC),  
POLE MOUNTED  
INTERIOR LAYOUT  
NTS



LIGHTING CONTROL CENTER,  
POLE MOUNTED, INSTALLATION DETAIL  
NTS

NOTE:  
SERVICE POLE, WEATHER HEAD, DISCONNECT,  
CONDUIT AND ATTACHED HARDWARE SHALL  
BE PAID FOR UNDER PAY ITEM 750H-005.  
LIGHTING CONTROL CENTER, POLE MOUNTED,  
AND ALL MOUNTING APPURTENANCES, SHALL  
BE PAID FOR UNDER PAY ITEM 750I-018.

|                 |             |           |                |            |
|-----------------|-------------|-----------|----------------|------------|
| RESPONSIBLE PE: | SUPERVISOR: | DESIGNER: | PLAN SUBMITTAL | ROUTE      |
| DATE:           | DATE:       | DATE:     | 100%           | ROUNDABOUT |



---SPECIFICATIONS---  
CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION

THIS DRAWING REPRESENTS DESIGNS PREPARED FOR USE BY THE ALABAMA DEPARTMENT OF TRANSPORTATION AND IS NOT TO BE COPIED, REPRODUCED, ALTERED, OR USED BY ANYONE, OR ANY ORGANIZATION, WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ALABAMA DEPARTMENT OF TRANSPORTATION REPRESENTATIVE AUTHORIZED TO APPROVE THIS USE. ANYONE MAKING UNAUTHORIZED USE OF THIS DRAWING MAY BE PROSECUTED TO THE FULLEST EXTENT OF THE LAW.

REVISIONS:

ALABAMA DEPARTMENT OF TRANSPORTATION  
405 COLLEMAN BOULEVARD  
MONTGOMERY, AL 36130-3050

DESIGN BUREAU SPECIAL DRAWING  
LIGHTING CONTROL CENTER,  
POLE MOUNTED

DRAWN BY: \_\_\_\_\_ INDEX NO. \_\_\_\_\_  
DATE DRAWN: \_\_\_\_\_ SPECIAL DRAWING NO. \_\_\_\_\_

|  |            |
|--|------------|
| SHEET TITLE                                  | ROUTE      |
| SPD: POLE MOUNTED<br>LIGHTING CONTROL CENTER | ROUNDABOUT |

NOT TO SCALE



**BEASON-HAMMON  
ACT DOCUMENTS  
NOVEMBER 15, 2024**

State of \_\_\_\_\_ )

County of \_\_\_\_\_ )

CERTIFICATE OF COMPLIANCE WITH THE BEASON-HAMMON ALABAMA TAXPAYER AND CITIZEN PROTECTION ACT (ACT 2011-535, as amended by Act 2012-491)

DATE: \_\_\_\_\_

RE: Contract/Grant/Incentive (describe by number as subject):

\_\_\_\_\_ by and between  
\_\_\_\_\_ (Contractor/Grantee) and  
\_\_\_\_\_ (State Agency, Department or Public Entity)

The undersigned hereby certifies to the State of Alabama as follows:

1. The undersigned holds the position of \_\_\_\_\_ with the Contractor/Grantee named above, and is authorized to provide representations set out in this Certificate as the official and binding act of that entity, and has knowledge of the provisions of THE BEASON-HAMMON ALABAMA TAXPAYER AND CITIZEN PROTECTION ACT (ACT 2011-535 of the Alabama Legislature, as amended by Act 2012-491) which is described herein as “the Act”.
2. Using the following definitions from Section 3 of the Act, select and initial either (a) or (b), below, to describe the Contractor/Grantee’s business structure.

BUSINESS ENTITY. Any person or group of persons employing one or more persons performing or engaging in any activity, enterprise, profession, or occupation for gain, benefit, advantage, or livelihood, whether for profit or not for profit. “Business entity” shall include, but not limited to the following:

- a. Self-employed individuals, business entities filing articles of incorporation, partnerships, limited partnerships, limited liability companies, foreign corporations, foreign limited partnerships, foreign limited liability companies authorized to transact business in this state, business trusts, and any business entity that registers with the Secretary of State.
- b. Any business entity that possesses a business license, permit, certificate, approval, registration, charter, or similar form of authorization issued by the state, any business entity that is exempt by law from obtaining such a business license, and any business entity that is operating unlawfully without a business license.

EMPLOYER. Any person, firm, corporation, partnership, joint stock association, agent, manager, representative, foreman, or other person having control or custody of any employment, place of employment, or of any employee, including any person or entity employing any person for hire within the State of Alabama, including a public employer. This term shall not include the occupant of a household contracting with another person to perform casual domestic labor within the household.

\_\_\_\_\_ (a) The Contractor/Grantee is a business entity or employer as those terms are defined in Section 3 of the Act.

\_\_\_\_\_ (b) The Contractor/Grantee is not a business entity or employer as those terms are defined in Section 3 of the Act.

3. As of the date of this Certificate, Contractor/Grantee does not knowingly employ an unauthorized alien within the State of Alabama and hereafter it will not knowingly employ, hire for employment, or continue to employ an unauthorized alien within the State of Alabama;
4. Contractor/Grantee is enrolled in E-verify unless it is not eligible to enroll because of the rules of that program or other factors beyond its control.

Certified this \_\_\_\_\_ day of \_\_\_\_\_ 20 \_\_\_\_\_.

\_\_\_\_\_  
Name of Contractor/Grantee/Recipient

By: \_\_\_\_\_

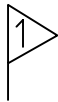
Its \_\_\_\_\_

The above Certification was signed in my presence by the person whose name appears above, on this \_\_\_\_\_ day of \_\_\_\_\_ 20 \_\_\_\_\_.

WITNESS: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

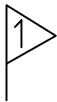
**REVISED CONTRACT  
DOCUMENTS  
NOVEMBER 15, 2024**



REVISION 01: REVISED BID  
OPENING DATE; ADDED DBE  
GOAL OF 3%

[ADVERTISEMENT]

**NOTICE TO CONTRACTORS FEDERAL AID PROJECT NO. STPSU-0220(256)  
CITY OF FAIRHOPE  
BALDWIN COUNTY, ALABAMA**



SEALED BIDS WILL BE RECEIVED BY THE CITY OF FAIRHOPE AT THE CITY SERVICES AND PUBLIC UTILITIES BUILDING, 555 SOUTH SECTION STREET, FAIRHOPE, AL, 36532, UNTIL MONDAY, NOVEMBER 25<sup>TH</sup>, 2024, AT 2:00 P.M. AND AT THAT TIME PUBLICLY OPENED FOR CONSTRUCTING THE FOLLOWING:

**PROJECT NO. STPSU-0220(256)  
CITY OF FAIRHOPE BID NO. 25-007-2022-PWI-006  
ROUNDBOUT AT NORTH SECTION ST / SCENIC 98 (VETERANS DR) / MAIN ST  
GRADE, DRAIN, BASE, PAVE AND LIGHTING**

THE BRACKET ESTIMATE ON THIS PROJECT IS FROM \$1,500,000 TO \$1,750,000. THIS BRACKET RANGE IS PROVIDED ONLY AS A GENERAL INDICATION OF A BROAD FINANCIAL SIZE CATEGORY FOR THE PROJECT. IT SHOULD NOT BE USED IN PREPARING A BID, NOR WILL IT HAVE ANY BEARING ON ANY DECISION TO AWARD THE CONTRACT. THE PRINCIPAL ITEMS OF WORK ARE APPROXIMATELY AS FOLLOWS:

TRAFFIC CONTROL, GRADING, DRAINAGE, AND CONSTRUCTION OF ROUNDBOUT AT NORTH SECTION ST/TRIANGLE DR/VETERANS DR/MAIN ST

A NON-MANDATORY PRE-BID MEETING WILL BE HELD ON TUESDAY, NOVEMBER 12<sup>TH</sup>, 2024, AT 2:00 P.M. LOCAL TIME AT THE CITY SERVICES AND PUBLIC UTILITIES BUILDING, 555 SOUTH SECTION STREET, FAIRHOPE, AL, 36532, FOR THE PURPOSE OF BRIEFING PROSPECTIVE BIDDERS ABOUT THIS PROJECT. ALL PROSPECTIVE BIDDERS ARE URGED TO ATTEND.

THE ENTIRE PROJECT SHALL BE COMPLETED IN 300 CALENDAR DAYS.

A CASHIER'S CHECK (DRAWN ON AN ALABAMA BANK) OR BID BOND FOR 5% OF THE AMOUNT BID (MAXIMUM OF \$10,000.00) AND MADE PAYABLE TO THE CITY OF FAIRHOPE MUST ACCOMPANY EACH BID AS EVIDENCE OF GOOD FAITH. IT IS NOT REQUIRED THAT A CONTRACTOR BE LICENSED IN ORDER TO SUBMIT A BID; HOWEVER, PRIOR TO AWARD OF A CONTRACT, PROPER PROOF OF ALL APPLICABLE LICENSURES MUST BE PROVIDED BY THE CONTRACTOR. PROOF OF INSURANCE COVERAGES OF THE TYPES AND AMOUNTS AS SET FORTH IN THE PROJECT SPECIFICATIONS WILL BE REQUIRED OF THE CONTRACTOR, AND ANY AND ALL SUBCONTRACTORS, PRIOR TO BEGINNING WORK. THE CONTRACTOR WILL BE REQUIRED TO PERFORM WORK AMOUNTING TO AT LEAST 30% OF THE TOTAL CONTRACT COST WITH HIS OWN ORGANIZATION.

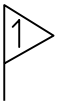
CONTRACTOR PREQUALIFICATION IS NOT REQUIRED TO BID ON THIS PROJECT. HOWEVER, THE AWARD OF THE CONTRACT WILL NOT BE MADE TO ANY BIDDER WHO, AT THE TIME OF THE AWARD, IS CONSIDERED BY THE ALABAMA DEPARTMENT OF TRANSPORTATION (ALDOT) TO BE DISQUALIFIED FROM BIDDING, NOR TO ANY BIDDER WHO IS AN AFFILIATE OF OR HAS A CORPORATE OFFICER, DIRECTOR, OR PRINCIPAL OWNER WHO IS A CORPORATE OFFICER, DIRECTOR, OR OWNER OF, ANOTHER PERSON WHO IS PRESENTLY DISQUALIFIED BY ALDOT. FURTHER DETAILS AND DEFINITIONS REGARDING THIS PROVISION ARE INCLUDED IN THE PROJECT SPECIFICATIONS.

PLANS AND SPECIFICATIONS MAY BE INSPECTED AT NO CHARGE ONLINE AT [WWW.VOLKERT.COM](http://WWW.VOLKERT.COM), BY CLICKING THE "BID INVITATIONS" LINK AT THE BOTTOM OF THE PAGE OR FROM [WWW.QUESTCDN.COM](http://WWW.QUESTCDN.COM) BY INPUTTING QUEST PROJECT NUMBER #9371727 ON THE WEBSITE'S PROJECT SEARCH PAGE.

TO BE ELIGIBLE FOR CONSIDERATION, BIDS MUST BE SUBMITTED ON COMPLETE ORIGINAL

PROPOSALS MADE AVAILABLE BY THE OWNER. COMPLETE DIGITAL PLANS AND CONTRACT DOCUMENTS SHALL BE PURCHASED AND OBTAINED ELECTRONICALLY FROM VOLKERT'S WEBSITE, [WWW.VOLKERT.COM](http://WWW.VOLKERT.COM), BY CLICKING THE "BID INVITATIONS" LINK AT THE BOTTOM OF THE PAGE OR FROM [WWW.QUESTCDN.COM](http://WWW.QUESTCDN.COM) BY INPUTTING QUEST PROJECT NUMBER #9371727 ON THE WEBSITE'S PROJECT SEARCH PAGE. PLEASE CONTACT QUESTCDN CUSTOMER SUPPORT AT 952-233-1632 OR [INFO@QUESTCDN.COM](mailto:INFO@QUESTCDN.COM) FOR ASSISTANCE IN MEMBERSHIP REGISTRATION, DOWNLOADING AND WORKING WITH THIS DIGITAL PROJECT INFORMATION. A PAYMENT OF \$22.00 WILL BE REQUIRED TO DOWNLOAD THE PLANS AND CONTRACT DOCUMENTS. THE CONTRACTOR MUST PURCHASE AND OBTAIN THE PLANS AND SPECIFICATIONS FROM THE WEBSITE LISTED ABOVE OR OBTAIN THEM FROM VOLKERT IN ORDER TO SUBMIT A BID. NO BID DOCUMENTS WILL BE DISTRIBUTED LATER THAN 24 HOURS PRIOR TO THE SCHEDULED OPENING OF BIDS.

THIS IS A FEDERALLY FUNDED PROJECT. THE PROPOSED WORK SHALL BE PERFORMED IN CONFORMITY WITH THE RULES AND REGULATIONS FOR CARRYING OUT THE FEDERAL HIGHWAY ACT AND OTHER ACTS AMENDATORY, SUPPLEMENTARY, OR RELATIVE THERETO. THIS PROJECT IS SUBJECT TO THE CONTRACT WORK HOURS AND SAFETY STANDARDS ACT AND ITS IMPLEMENTING REGULATIONS. AN MBE/DBE PARTICIPATION GOAL OF 3% OF THE TOTAL CONTRACT VALUE HAS BEEN SET FOR THIS PROJECT.



MINIMUM WAGE RATES FOR THIS PROJECT HAVE BEEN PRE-DETERMINED BY THE SECRETARY OF LABOR AND ARE SET FORTH IN THE ADVERTISED SPECIFICATIONS.

IN ACCORDANCE WITH TITLE VI OF THE CIVIL RIGHTS ACT OF 1964, 78 STAT. 252, 42 U.S.C. 2000D TO 2000D-4 AND TITLE 49, CODE OF FEDERAL REGULATIONS, DEPARTMENT OF TRANSPORTATION, SUBTITLE A, OFFICE OF THE SECRETARY, PART 21, NONDISCRIMINATION IN FEDERALLY-ASSISTED PROGRAMS OF THE DEPARTMENT OF TRANSPORTATION ISSUED PURSUANT TO SUCH ACT, ALL BIDDERS ARE HEREBY NOTIFIED THAT IT WILL BE AFFIRMATIVELY ENSURED THAT IN ANY CONTRACT ENTERED INTO PURSUANT TO THIS ADVERTISEMENT, MINORITY BUSINESS ENTERPRISES WILL BE AFFORDED FULL OPPORTUNITY TO SUBMIT BIDS IN RESPONSE TO THIS INVITATION AND WILL NOT BE DISCRIMINATED AGAINST ON THE GROUNDS OF RACE, COLOR, RELIGION, SEX, OR NATIONAL ORIGIN IN CONSIDERATION FOR AN AWARD.

THE RIGHT TO REJECT ANY OR ALL BIDS AND TO DISREGARD ANY MINOR IRREGULARITIES IS RESERVED BY THE OWNER.

HONORABLE

Sherry Sullivan, Mayor