

Addendum No. 1
Stanley-Jensen Stadium Lighting Improvements
City of Prattville Bid No. 022-008
City of Prattville
Civil Southeast Project No. 22P2402.1

This Addendum forms a part of the Contract Documents and modifies the original Contract Documents as described. Acknowledge receipt of this Addendum in the space provided in the Proposal.

APR 13 22 10:35AM

Clarification

- It is specified in the Contract Documents that the Contractor shall have 30 working days to complete the project. This shall be modified to include a substantial completion date of Friday July 29, 2022.
- The City of Prattville will be responsible for any Aid to Construction cost by Alabama Power.

Revised Construction Plan Sheets Attached

- The Contractor shall replace the existing sheet E-3 with the attached revised sheet E-3 revised April 12, 2022.

Issued by: _____



Will Barrett, P.E.
Project Manager
Civil Southeast, LLC

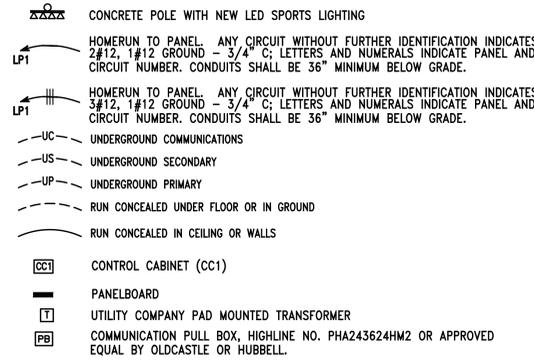
UNDERGROUND UTILITY NOTES:

- THE UNDERGROUND UTILITY PORTION OF THIS PROJECT CONSISTS OF BUT IS NOT LIMITED TO:
 - TRENCHING/BACKFILLING FOR DUCT LINES AND CONDUIT SYSTEMS
 - DUCTBANK INSTALLATIONS
 - LOW VOLTAGE CONDUCTOR INSTALLATION
 - PATCH/REPAIR ALL DAMAGED SURFACES AS A RESULT OF DUCTLINE INSTALLATIONS
- INSTALLATION SHALL COMPLY WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL SAFETY CODE (NEC) AND THE NATIONAL ELECTRICAL CODE (NEC).
- ALL CONDUCTIVE PARTS OF EQUIPMENT, ENCLOSURES, SUPPORTS, FRAMES, CASES, CONDUIT SYSTEMS AND SURGE ARRESTORS, CABLE SHEATHS, CABLE SHIELDS, COMMON NEUTRALS, ETC., SHALL BE GROUNDED. UNLESS NOTED OTHERWISE CONNECTIONS BELOW GRADE SHALL BE FUSION-WELDED AND ABOVE GRADE FUSION-WELDED OR BOLTED SOLDERLESS. ALL GROUND CONDUCTORS SHALL BE COPPER.
- ALL CLEARANCES SHALL BE MAINTAINED PER NEC AND NEC. ALL PARTS, DEVICES, EQUIPMENT, ETC. WHICH REQUIRE MAINTENANCE, ADJUSTMENT, OPERATION OR EXAMINATION DURING NORMAL NETWORK OPERATION SHALL BE ARRANGED SO AS TO BE ACCESSIBLE BY THE PROVISION OF ADEQUATE WORKING SPACES, WORKING FACILITIES AND CLEARANCES. UNLESS NOTED OTHERWISE ALL CLEARANCES ARE MEASURED FROM SURFACE TO SURFACE.
- ALL DIMENSIONS INDICATED IN THESE DOCUMENTS ARE FOR REFERENCE AND COORDINATION PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS IN THE FIELD.
- UNLESS OTHERWISE SHOWN OR DIRECTED DUCT LINES SHALL NOT BE LOCATED DIRECTLY UNDER STRUCTURES AND NOT DIRECTLY UNDER OR OVER OTHER SUBSURFACE STRUCTURES. WHERE DUCT LINES ARE REQUIRED TO CROSS OTHER UTILITIES SUCH AS SEWERS, WATER LINES, OTHER POWER LINES, COMMUNICATION LINES, ETC., ADEQUATE SUPPORT SHALL BE PROVIDED ON EACH SIDE OF THE CROSSING TO PREVENT TRANSFERRING ANY DIRECT LOAD ONTO THE OTHER LINE. DUCT LINES SHALL BE SO INSTALLED AS TO PREVENT HEAT TRANSFER BETWEEN ANY HEAT PRODUCING LINES AND/OR EQUIPMENT TO DUCT LINES.
 - ROUTING SHOWN ON DRAWINGS IS TYPICAL AND THE CONTRACTOR SHALL PROPOSE FINAL ROUTING BASED UPON ACTUAL FIELD DIMENSIONS, CONDITIONS AND EXISTING UNDERGROUND UTILITIES AND STRUCTURES.
 - PRIOR TO TRENCHING, THE CONTRACTOR SHALL STAKE OUT THE ENTIRE NETWORK ARRANGEMENT. ONE GRADE A WOODEN STAKE WITH RED FLAG SHALL BE DRIVEN EVERY 50'-0" AND AT EACH CHANGE OF DIRECTION. FOUR STAKES SHALL BE DRIVEN TO OUTLINE EQUIPMENT AND/OR MANHOLE LOCATIONS. ON PAVEMENTS RED PAINT SHALL BE USED TO OUTLINE THE AREAS TO BE CUT. SECURE EXISTING UNDERGROUND UTILITY INFORMATION FROM THE CONTRACTING OFFICER PRIOR TO PERFORMING ANY TRENCHING.
 - DEPTHS INDICATED FOR INSTALLATION ARE MINIMUM. ACTUAL DEPTHS MAY VARY DUE TO TERMINATIONS, COMPENSATIONS FOR RADIUS OF VERTICAL TRANSITIONS, EXISTING UTILITY CROSSINGS, ETC. APPROVAL SHALL BE OBTAINED FOR ANY DEPTH LESS THAN INDICATED. TRENCHES SHALL BE OVER-EXCAVATED AS NECESSARY TO ALLOW FOR PROPER TRENCH PREPARATION, DUCT BANK CONSTRUCTION, FORMING AND/OR BACKFILLING REQUIREMENTS.
 - ALL TRENCHING AND BACKFILL COMPACTION SHALL COMPLY WITH GEOTECHNICAL REPORT AND DIVISION 200.

GENERAL NOTES:

- COORDINATE WITH SPORTS LIGHTING FIXTURE SCHEDULE ON THIS SHEET FOR CIRCUITRY REQUIREMENTS OF EACH POLE. NOTE THERE ARE MULTIPLE CIRCUITS TO EACH POLE.
- ALL UNDERGROUND CONDUITS SHALL BE 36" MINIMUM BELOW GRADE.
- ALL ROUTING IS SHOWN DIAGRAMMATIC. VERIFY ACTUAL ROUTING AND FIELD CONDITIONS PRIOR TO BIDS.
- LIGHT LEVELS WILL BE CHECKED BY THE ENGINEER AT NIGHT TIME. CONTRACTOR WILL BE RESPONSIBLE FOR ADDING ADDITIONAL LIGHT FIXTURES AND ASSOCIATED ELECTRICAL AT NO ADDITIONAL COST TO THE OWNER IF LIGHT LEVELS ARE NOT AS SPECIFIED. ENGINEER WILL TAKE READINGS ON 30' SQUARES TO OBTAIN AVERAGE LIGHT LEVELS.
- COORDINATE WITH SCHEDULES AND DETAILS FOR ADDITIONAL SPORTS FIELD LIGHTING REQUIREMENTS.
- CONTRACTOR SHALL VISIT JOB SITE PRIOR TO BIDDING TO ASCERTAIN THE EXTENT OF LABOR AND MATERIAL REQUIRED TO COMPLETE THE WORK SHOWN ON THESE PLANS.
- SEE TRENCH/BACKFILLING/REPAIR DETAILS ON AND ALL SITE ELECTRICAL WORK SHALL CONFORM TO THESE DETAILS. CONTRACTOR RESPONSIBLE FOR FIXING ALL DISTURBED SURFACES BACK TO ORIGINAL STATE.
- CONTRACTOR SHALL COORDINATE EXACT POLE LOCATIONS WITH FIELD CONDITIONS PRIOR TO ROUGH-IN.
- MULTIPLE FEEDERS TO THE SAME POLE WILL BE ALLOWED TO BE COMBINED AS LONG AS THE CONDUIT IS UPSIZED TO MEET NEC FILL CAPACITIES.

ELECTRICAL LEGEND



SHEET NOTES:

- CONTRACTOR SHALL BORE UNDERGROUND FEEDER AT LEAST 6' UNDER PLAYING FIELD. BORE CONDUIT WITH HDPE CONDUIT AND PROVIDE IN-GRADE JUNCTION BOX TO TERMINATE CONDUITS BEFORE ENTERING POLE. SEE SPORTS LIGHTING FEEDER SCHEDULE FOR CIRCUITRY REQUIREMENTS. ROUTE FEEDER THRU CONTROL CABINET CC1.
- CONTRACTOR SHALL TRENCH UNDERGROUND FEEDER AT LEAST 3' UNDER EXISTING GRADE. TRENCH CONDUIT WITH PVC CONDUIT AND PROVIDE IN-GRADE JUNCTION BOX TO TERMINATE CONDUITS BEFORE ENTERING POLE. SEE SPORTS LIGHTING FEEDER SCHEDULE FOR CIRCUITRY REQUIREMENTS. ROUTE FEEDER THRU CONTROL CABINET CC1.
- SEE DETAILS ON SHEET E-4 FOR REQUIREMENTS OF POLE TO BE RETROFITTED WITH NEW SPORTS LIGHTING SYSTEM.
- CONTRACTOR SHALL BORE TWO 4" UNDERGROUND COMMUNICATIONS CONDUITS AT LEAST 6' UNDER PLAYING FIELD. BORE CONDUIT WITH HDPE CONDUIT AND PROVIDE IN-GRADE PULLBOX TO TERMINATE CONDUITS AT EACH SIDE. PROVIDE CONDUITS WITH 1500LB MULE TAPE.
- CONTRACTOR SHALL TRENCH ONE 4" UNDERGROUND COMMUNICATIONS CONDUIT FROM IN-GRADE PULLBOX TO PRESSBOX. CONDUIT SHALL RISE UP EXISTING STRUCTURE AND LB INTO EXISTING PRESSBOX. PROVIDE CONDUIT WITH 1500LB MULE TAPE.
- PROPOSED ALABAMA POWER RISER POLE LOCATION. COORDINATE WITH ALABAMA POWER PRIOR TO BIDS AND ADJUST LOCATION AS REQUIRED.
- PROVIDE CONCRETE PAD AND METERING PER ALABAMA POWER COMPANY SPECIFICATIONS.
- PROVIDE TWO 5" UNDERGROUND CONDUITS FROM THE TRANSFORMER TO RISER POLE 48" BELOW GRADE.
- PROVIDE UNISTRUT RACK SET IN CONCRETE PAD TO MOUNT PANEL AND CONTROL CABINET CC1.
- PROVIDE 1 1/4" UNDERGROUND CONDUIT FROM CC1 TO THE PULLBOX.
- PROVIDE ONE OUTSIDE PLANT RATED CAT 6 CABLE FROM CC1 TO THE PRESSBOX FOR LIGHTING CONTROLS. TERMINATE IN CC1 AND IN PRESSBOX AS DIRECTED BY MUSCO.
- PROVIDE TWO 4" CONDUITS STUBBED OUT OUT OF THE SECONDARY COMPARTMENT FOR THE FUTURE BUILDING IN THE ENDZONE.
- PROVIDE TWO 4" CONDUITS STUBBED OUT OUT OF THE SECONDARY COMPARTMENT FOR THE FUTURE PRESSBOX.

SPORTS LIGHTING FEEDER SCHEDULE

POLE #	PANEL	CIRCUIT #	FEEDER	ROUTE THRU CCT ZONE	FULL LOAD AMP
POLE F1 (FOOTBALL)	LP1	1,3,5	3#1 & 1#8GRD - 2°C	1	50.1
POLE F1 (RGBW)	LP1	7,9,11	3#8 & 1#10GRD - 1°C	2	6
POLE F2 (FOOTBALL)	LP1	13,15,17	3#4 & 1#8GRD - 1 1/4°C	1	50.1
POLE F2 (RGBW)	LP1	19,21,23	3#10 & 1#10GRD - 3/4°C	2	6
POLE F3 (FOOTBALL)	LP1	2,4,6	3#10 & 1#8GRD - 2°C	1	64.8
POLE F3 (RGBW)	LP1	8,10,12	3#8 & 1#10GRD - 1°C	2	6
POLE F4 (FOOTBALL)	LP1	14,16,18	3#30 & 1#6GRD - 2°C	1	64.8
POLE F4 (RGBW)	LP1	20,22,24	3#8 & 1#10GRD - 1°C	2	6

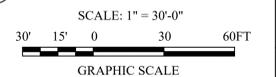
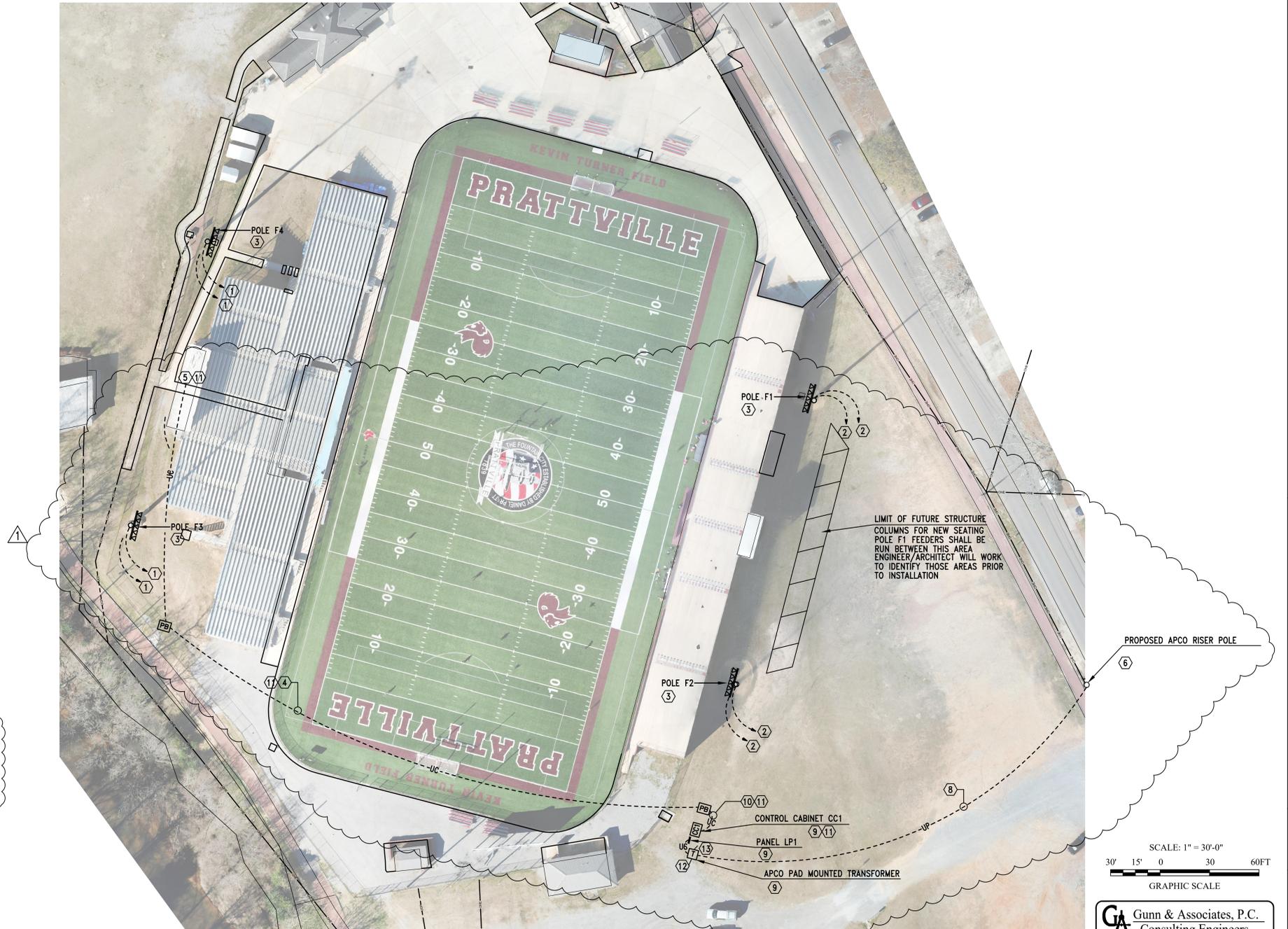
- NOTES:
- PROVIDE FEEDERS TO EACH POLE AS INDICATED ON THIS SCHEDULE
 - ALL FEEDERS SHALL BE 36" MINIMUM BELOW GRADE. MINIMUM 6" WHEN BORED UNDER FIELD/STADIUM.
 - MAX VOLTAGE DROP AT POLE SHALL BE NO MORE THAN 3%. VERIFY COMPLIANCE PRIOR TO INSTALLATION OF FEEDER AND ADJUST AS NEEDED TO MEET THE MAX 3% VOLTAGE DROP REQUIREMENT.

CONTROL CABINET - CC1

POLE #	PANEL	CIRCUIT #	CIRCUIT VOLTAGE	ZONE	CONTACTOR AMPERAGE
POLE F1 (FOOTBALL)	LP1	1,3,5	208V/3PH	1	100
POLE F1 (RGBW)	LP1	7,9,11	208V/3PH	2	30
POLE F2 (FOOTBALL)	LP1	13,15,17	208V/3PH	1	100
POLE F2 (RGBW)	LP1	19,21,23	208V/3PH	2	30
POLE F3 (FOOTBALL)	LP1	2,4,6	208V/3PH	1	100
POLE F3 (RGBW)	LP1	8,10,12	208V/3PH	2	30
POLE F4 (FOOTBALL)	LP1	14,16,18	208V/3PH	1	100
POLE F4 (RGBW)	LP1	20,22,24	208V/3PH	2	30

- NOTES:
- PROVIDE OFF-ON-AUTO SELECTOR SWITCHES.
 - NEMA 3R LOCKABLE ENCLOSURE
 - CONTROL CABINET IS MUSCO CONTROL LINK SYSTEM PROVIDED BY OWNER INSTALLED BY CONTRACTOR.

PRIOR TO INSTALLATION CONTRACTOR SHALL COORDINATE WITH PHASE 2 CONCEPT OF STADIUM TO MOUNT COMMUNICATIONS PULLBOX, TRANSFORMER, PANEL LP1 AND CONTROL CABINET CC1 BETWEEN FUTURE HANDICAP RAMP AND FUTURE SIDEWALK IN THE GENERAL AREA INDICATED ON THIS PLAN.



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APRIL 2022

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Revised
APRIL 12, 2022

Project Title

**STANLEY JENSEN STADIUM
LIGHTING IMPROVEMENTS
PRATTVILLE, AL**

Sheet Title

SITE PLAN - ELECTRICAL NEW WORK

Sheet Number

E-3

