

October 15,2021

ADDENDUM NO. 1

PROJECT: Jefferson Avenue Footbridge Rehabilitation STP-5903(803)

Notification: There have been no changes or addendums prior to this addendum.

The attached revisions hereby supersede any and all data with which they may conflict as indicated on the Drawings, Specifications and related documents issued in the original set. Each trade is responsible for changes in its work caused by changes in the work of other trades. This addendum is a part of and shall be attached to the original set of plans and specifications for the work.

Please be advised of the following:

CLARIFICATION ITEMS

1. Meeting Minutes from Pre Bid Meeting are attached.
2. Pre Bid Sign-in Sheet (list of individuals that were present or called in)

Note: The meeting minutes, pre-bid sign-in sheet, and questions and answers are for informational purposes only and shall not be considered as addendum items. Only those items listed below shall be considered addendum items related to the contract.

Bid Opening 11:00 a.m. Tuesday October 26th in the 1st floor conference room.

RTM Addendum #1 and reissued Sheet ME4 are attached

Bidder Questions:

Question 1: What paint system is required?

Answer 1: The Paint System for Structural Steel shall be System G in accordance with MODOT Specification 1081 and 1045.

Question 2: Can hot driven rivets be used in lieu of bolts.

Answer 2: Contractor has an option to use hot driven rivet in lieu of bolts. If this method is used a detailed work plan is required that shows hot driven rivet will meet or exceed requirements the bolt it is replacing strength.

Question 3: Is Buy American required for all items within project?

Answer 3: Buy America is Required for all items within project.

Question 4: JSP-13, item 3.0. Is there a place on the bid form where we can indicate we take exception to this statement or can the wording be changed to accommodate a more aggregable statement?

Answer 4: No exceptions will be granted. As specified in MoDOT's Specification Section 102.5.5, "the bidder shall contact each area utility to determine the presence and location of utility lines. The bidder shall determine and shall assume the risk as to whether utilities that are to be relocated by the utility companies have in fact been relocated and if not, when the utility company anticipates the relocation shall be completed. The bidder shall independently determine the reliability of the information received from the utility companies and shall make the determination as to the sequence and timing of utility relocations in determining a bid."

Question 5: JSP-103, item 1.4. This item talks about the full height barricade and the construction fence required along the railroad. Is the cost of constructing the barricade/fence covered in the \$277,500 amount?

Answer 5: Yes, the cost of the barricade/fence is incidental to Bid Item #13: Railroad Flagging/Coordination. No direct payment will be made for the barricade/fence.

BID OPENING – DATE, TIME, LOCATION CHANGE

Sealed bids, addressed to City of Springfield Public Works, 840 Boonville Avenue, Springfield, MO 65802, for the proposed work will be received by the City of Springfield until 11:00 a.m. (prevailing local time) on Tuesday, October 26th on the first-floor conference room of the Busch Building, 840 Boonville Avenue, Springfield, MO 65802 and at that time will be publicly opened. Bids should be delivered to: The Second Floor of the Busch Building, Public Works Engineering Department, 840 Boonville Avenue, Springfield, MO 65802.

PLANS AND SPECIFICATIONS

1. SHEET ME4 is reissued and attached along with corresponding RTM Addendum #1

In order to have a valid bid proposal, this addendum must be acknowledged and returned with your bid proposal.

If you have any questions concerning this addendum, please feel free to contact Nicholas Edelman at (417) 864-1932.

There are no other clarifications or changes included with this Addendum.



Acknowledgement by Bidder:

Representative

Date

Company

JEFFERSON AVENUE FOOTBRIDGE
STP-5903(803),
2016PW0014TE

AGENDA

- 1) Sign-Up Sheet – Pass around for registering attendees.
- 2) Contacts
 - a) Owner Contact(s):

Nicholas Edelman, P.E – City of Springfield; Phone: (417) 864-1932
Les Daniels – Construction Inspection, City of Springfield; Phone: (417) 986-8004
 - b) Consultant Contact(s):

Great River Engineering; Phone (417) 886-7171
Jeffrey Banderet P.E. – Project Manager
- 3) Project Schedules
 - a) Bids Due: 10:30 a.m., October 19, 2021
840 Boonville (Room 2 West – Busch Building)
 - b) Bid Opening: 10:30 a.m., October 19, 2021
840 Boonville (Room 2 West – Busch Building)
 - c) Anticipated Notice to Proceed: December 13, 2021
 - d) Time Allotted for Project: 180 Calendar Days for first Notice to Proceed
185 Calendar Days for Construction
 - e) Liquidated Damages: \$1,225/day
- 4) Bidding and Contract Requirements
 - a) The Contractor shall seal their bid in an envelope and clearly mark the outside with the name of the Project and company name/letterhead.
 - b) Required with each bid:
 - i) Bid Proposal
 - ii) Bid Guaranty
 - iii) Subcontractor Disclosure Forms (must be submitted by 4PM, 3 business days after bid opening)
 - iv) DBE Submittal Form (must be submitted by 4PM, 3 business days after bid opening)
 - v) Anti-Collusion Statement
 - vi) Statement of Bidders Qualifications
 - vii) Acknowledgement of Addendums
 - c) Date for last addendum to be issued will be Friday, October 15, 2021. All questions should be asked in writing, and submitted before 5:00 p.m. Thursday, October 14, 2021.
 - d) Project is exempt from Sales Tax
 - i) Tax exemption certificate will be furnished to the General Contractor.
 - ii) It is the General Contractor's responsibility to ensure that copies of the certificate are provided to other necessary parties, as outlined in RSMo 144.062.3
 - e) Prevailing Wages and/or Davis Bacon
 - i) Prevailing Wage – Wage Order 28

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- ii) Will revise in addendum if these change
 - f) Weather Delays.
 - i) In general, there will be no extension of Contract time due to weather.
 - g) Insurance – OCP REQUIRED

5) Plan sets included in project: 2016PW0014TE

6) Special Provisions

- a) Use of Site
 - i) Maximum area to be occupied by contractor shall be within City Property, right-of-way and any easements.
- b) Submittals and Samples
 - i) Any submittals shall be provided and approved prior to start of construction.
- c) Progress Schedule
 - i) Schedule will be required at the pre-construction meeting and updated every two weeks.
- d) Utility Discussion
 - i) CU Electric Discussion – CU Electric is relocating the aerial power line down Frisco Lane.
- e) Clarifications
 - (1) Add Alternates
- f) Maintain project site – in a neat, clean, and organized manner. Premises shall be cleaned on a daily basis. Workmen shall be courteous and polite at all times. Obscene language, gestures, etc. will not be tolerated.
- g) Construction Staking – Provided by City. Please refer to JSP-05

7) Questions

Notes: _____

1) What % of work does the general contractor need to complete _____

- See Notice to Contractors Point 19 – 40% _____

2) Are we using MoDOT Specifications _____

- Yes _____

3) Will BNSF allow work on right of way _____

- You will need to obtain permit from BNSF – Contact John Caufield _____

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Comment by Jason Silvis – Increase in member size may cause issues and may not be

Approved. Preapproval is required for a change in member size.

4) A onsite visit will be occurring if you are interested.

5) Is there enough time for material delivery

This project has 2 Notice to Proceeds. The first is 180 calendar days. It is for permitting, Submittal review and material order, scheduling plan, shoring plan and approval, etc. The contractor will be able to order materials during this time frame. During the first Notice to Proceed, the contractor and the City will determine when the 2nd Notice to Proceed will be issued. The latest for it to be issued is at the end of the 180 calendar days. The bridge is to be painted so you will need to plan your work. The 2nd Notice to Proceed maybe issued before the end of the 180 calendar days.

6) No additional Questions – onsite visit took place

JEFFERSON AVENUE FOOTBRIDGE**PRE-BID MEETING****October 5, 2021****2016PW0014TE****PLEASE PRINT LEGIBLY!!**

| NAME | COMPANY/ORGANIZATION | TELEPHONE | FAX | E-MAIL |
|------------------|----------------------------|--------------|--------------|--|
| Nicholas Edelman | City of Springfield | 417-864-1932 | | nicholas.edelman@springfieldmo.gov |
| Les Daniels | City of Springfield | 417-986-8004 | | les.daniels@springfieldmo.gov |
| Paula Brookshire | City of Springfield | 417-864-1989 | | pbrookshire@springfieldmo.gov |
| Andrew Flippin | City of Springfield | 417-864-1946 | | aflippin@springfieldmo.gov |
| Tina Stob | City of Springfield | 417-864-1984 | | tstob@springfieldmo.gov |
| John Caufield | BNSF Railway | 913-551-4965 | | john.caufield@bnsf.com |
| Jason Carson | Carson Mitchell | 417-869-5653 | | jason@carson-mitchell.com |
| Joshuah Strait | Falcon Electric | 417-831-6565 | | jstrait@falconelect.com |
| Mike Martin | Martin General Contractors | 573-485-2107 | 573-485-2109 | mmartin@martin-gc.com |
| Andy Hamersen | Thomas Industrial Coatings | 636-475-3500 | 636-475-3512 | ahamersen@thomasindcoatings.com |
| Kerry Hatfield | Elliott Painting | 417-880-6139 | | elliottpainting@yahoo.com |
| Charles Langdon | Elliott Painting | 417-522-8901 | | elliottpainting@yahoo.com |
| Jeff Reed | Storee Construction | 417-844-7543 | | jreed@storee.com |
| Jerany Jackson | Great River Engineering | 417-8867171 | | jjackson@greatrive.com |
| Joe Koch | Multi-Craft | 417-693-2102 | | itkoch@multi-craft.net |
| Kirsten Bureman | Kone | 417-705-1383 | | kirsten.urma@kone.com |
| Frank Miller | MoDOT | 417-895-7727 | | frank.miller@modot.mo.gov |
| Josh Dugan | MoDOT | 417-346-7126 | | josh.dugan@modot.mo.gov |
| Garrett Evans | MoDOT | 417-872-2224 | | garrett.evans@modot.mo.gov |
| Sean Thouvenot | Branco | 417-451-5250 | | sthovenot@branco.com |

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ADDENDUM #1

**PROJECT: JEFFERSON AVENUE FOOTBRIDGE RENOVATION
401 E. COMMERCIAL ST, SPRINGFIELD MISSOURI 65803**

DATE: October 13, 2021

General: This addendum shall be incorporated into the Contract Documents for the Project referenced above and does not relive responsibility for requirements in other areas of the construction documents except as herein specifically stated.

MECHANICAL ITEMS (DIVISIONS 21, 22, & 23)

CHANGES TO THE DRAWINGS

None this addendum

ELECTRICAL ITEMS (DIVISION 26)

ACCEPTED PRODUCT/MANUFACTURER SUBSTITUTIONS

Equivalent manufacturers:

1. GVA lighting shall be approved for fixture type A.
2. Luminaire LED shall be approved for fixture types C, D, E
3. NewStar Lighting shall be approved for fixture type F
4. Acolyte shall be approved for fixture type I

GENERAL CLARIFICATIONS

None this addendum

CHANGES TO THE SPECIFICATIONS

None this addendum

CHANGES TO THE DRAWINGS

1. Reference sheet ME4. Refer to detail, "1/ME4, Bridge Lighting Plan"
 - a. Bridge tape light previously shown as fixture "H" has been corrected to be shown as fixture "I". See light fixture schedule for more details.
2. Reference sheet ME4. Refer to "Notes"
 - a. Hex note 1 has been updated to reference light fixture "I" as the tape light intended to be installed on the footbridge.
3. Reference sheet ME4. Refer to detail, "4/ME4, Bridge Strip Light Detail"
 - a. Hex note 8 has been added to the detail for clarification.
4. Reference sheet ME6, "LP2" Panelboard schedule:
 - a. Panel "LP2" should be type NQ type panel or equal for base bid and alternates. Powerlink functionality or power monitoring is not required for LP2. Per the specification the Power monitoring and Powerlink functions are to be included under ALTERNATE #2 only for LP1 only. Standard NQ panels for LP1 and LP2 for base bid.
 - b. The control schedule noted as Lighting Panel "LP1" applies for the control and power requirements for the above panel schedule "LP1".

ATTACHMENTS: Sheet ME4

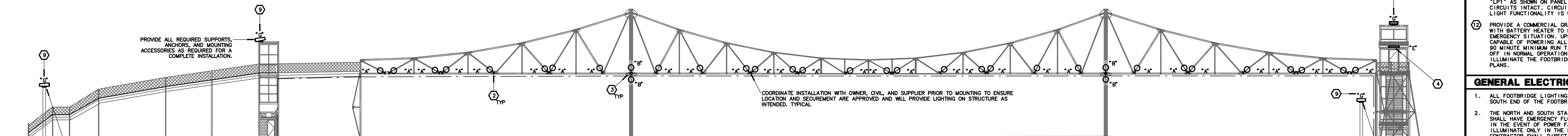
END OF ADDENDUM NUMBER 1



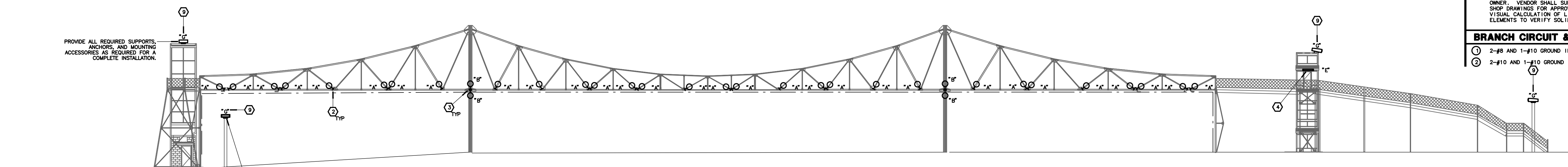
5 BRIDGE STRIP LIGHT DETAIL
ME4 NO SCALE



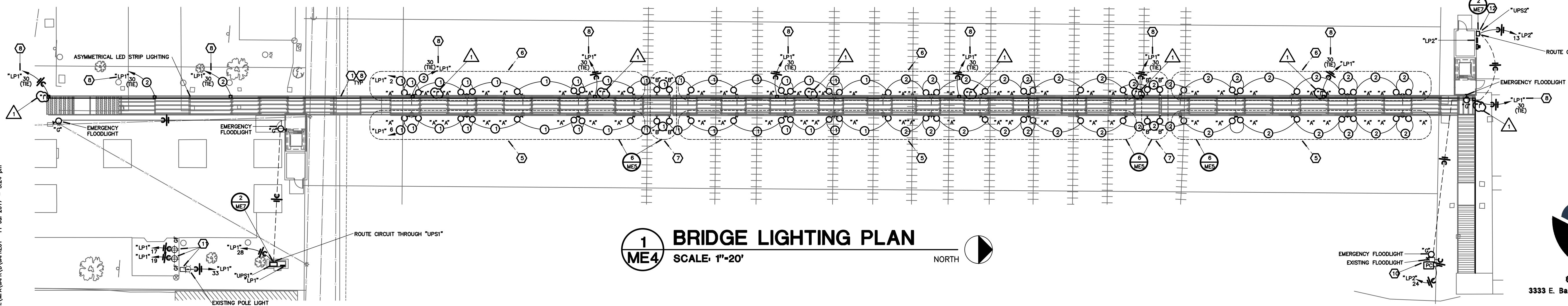
4 BRIDGE STRIP LIGHT DETAIL
ME4 NO SCALE



3 EAST BRIDGE LIGHTING ELEVATION
ME4 SCALE: 1"=20'



2 WEST BRIDGE LIGHTING ELEVATION
ME4 SCALE: 1"=20'



1 BRIDGE LIGHTING PLAN
ME4 SCALE: 1"=20'

NOTES:

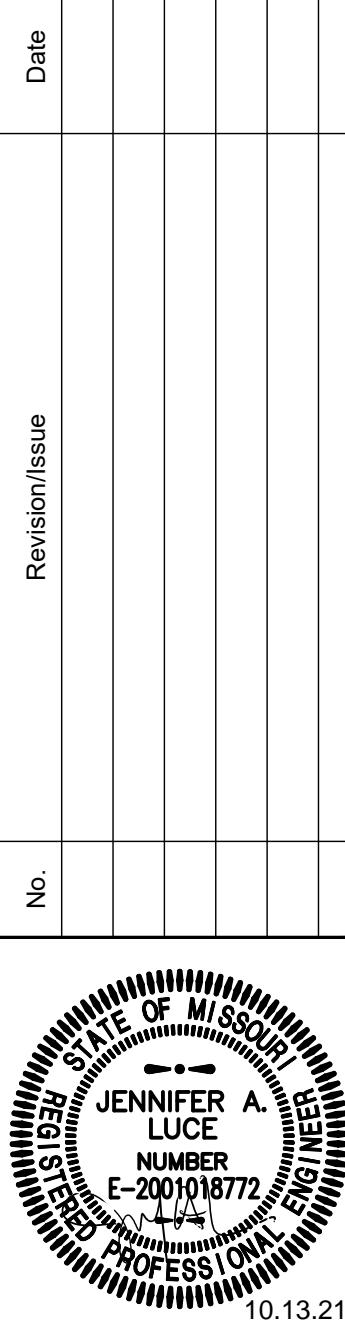
- LED STRIP LIGHTING TYPE "C" SHALL BE MOUNTED FLUSH TO THE INTERIOR OF THE 2"x2"x1/8" L-SHAPED ANGLE IRON FLUSH WITH THE HORIZONTAL EDGE. THE TAPE LIGHT SHALL BE INSTALLED IN A METAL HOUSING/CHANNEL FOR THE ENTIRE LENGTH OF THE TAPE LIGHT RUN. THE TAPE LIGHT HOUSING/CHANNEL SHALL BE MECHANICALLY FASTENED PERMANENTLY TO THE L-SHAPED ANGLE IRON. COORDINATE WITH CONTRACTOR TO PROVIDE ADDITIONAL L-SHAPED ANGLE IRON ON THE STAIRWAYS AND TO STRAIGHTEN/REPLACE DAMAGED OR DEFORMED ANGLE IRON MEMBERS.
- NARROW BEAM LIGHTING TYPE "A" SHALL BE INSTALLED ON THE EXTERIOR SIDE OF THE DIAGONAL BEAMS. FIXTURES SHALL PROJECT LIGHT IN LINE WITH THE BEAMS AS FAR IN LINE UP THE WEB/CHANNEL OF THE BEAMS AS POSSIBLE. CONTRACTOR SHALL DIRECT AND ADJUST LIGHT FIXTURE MOUNTING AND AIM AS REQUIRED.
- WIDE BEAM LIGHTING TYPE "B" SHALL BE INSTALLED ON THE EXTERIOR SIDE OF THE PILLS/BEAMS. FIXTURES SHALL WASH THE BRIDGE. LIGHTING AS MUCH OF THE PILLS, AND BEAMS AS POSSIBLE. CONTRACTOR SHALL DIRECT AND ADJUST LIGHT FIXTURE MOUNTING AND AIM AS REQUIRED.
- LIGHT FIXTURE SHALL BE INSTALLED ABOVE THE VESTIBULE DOOR(S). BASE OF THE LIGHT SHALL BE LOCATED ABOVE THE HEADER PROJECTING LIGHT ONTO THE PLATFORM(S).
- WIRE LIGHT FIXTURE CONTROLS TO DMX CHANNEL A.
- WIRE LIGHT FIXTURE CONTROLS TO DMX CHANNEL B.
- WIRE LIGHT FIXTURE CONTROLS TO DMX CHANNEL C.
- PROVIDE LED TAPE LIGHTING FOR BRIDGE STAIRS AND WALKWAY ILLUMINATION. LIGHTING SHALL HAVE AN ASYMMETRICAL THROWN FROM WEST TO EAST ILLUMINATING AS MUCH OF THE STAIRS/WALKWAY AS POSSIBLE. THE TAPE LIGHTING SHALL COME IN 65.5" INCREMENTS AND WILL BE FIELD CUT. A JUNCTION POINT WILL BE REQUIRED AT THE END OF EACH 65.5" TAPE LIGHT SECTION. A POWER SUPPLY, JUNCTION BOX, AND ALL ASSOCIATED ACCESSORIES SHALL BE REQUIRED AT EACH JUNCTION POINT. UTILIZE ANY NEW JUNCTION BOXES REQUIRED FOR OTHER FIXTURES AS A MUTUAL JUNCTION POINT AS APPLICABLE. THE TAPE SHALL ILLUMINATE THE ENTIRE LENGTH OF EACH STAIRWAY, AND THE ENTIRE LENGTH OF THE BRIDGE. JUNCTION POINTS SHOWN ON PLANS ARE REPRESENTATIVE AND MAY CHANGE DEPENDING ON LOCATION AND CONDITIONS IN THE FIELD.
- FOCAL POINT FOR EMERGENCY FLOODLIGHTS IS THE STAIRWAYS FOR THE BRIDGE ACCESS. AIM FLOODLIGHTS ACCORDINGLY. VERIFY THE STAIRWAYS ARE ILLUMINATED WITH AS MUCH LIGHT AS POSSIBLE FROM EACH FIXTURE.
- EXISTING POLE LIGHT SHALL REMAIN. EXISTING WIRING AND CONDUIT SHALL BE INSTALLED AS INDICATED. CONTRACTOR SHALL PROVIDE NEW PHOTOCELL MOUNTED ON EXISTING LIGHT POLE TO CONTROL EXISTING POLE LIGHT. PHOTOCELL SHALL BE WEATHER AND TEMPERATURE RATED FOR OUTDOOR USE. EXISTING LIGHT POLE SHALL PROVIDE MOUNTING STRUCTURE FOR NEW EMERGENCY FLOODLIGHT. CONTRACTOR SHALL PROVIDE ALL MOUNTING EQUIPMENT AND ACCESSORIES FOR FLOODLIGHT. FLOODLIGHT SHALL BE AIMED AT THE STAIRWAY ILLUMINATING AS MUCH OF THE STAIRWAY AS POSSIBLE.
- KEEP EXISTING UNDERGROUND ELECTRICAL CONDUIT AND WIRING. CONNECT EXISTING WIRING TO NEW LIGHTING PANEL "LP1" AS SHOWN ON PANEL SCHEDULE. KEEPING EXISTING CIRCUITS INTACT. CIRCUIT ROUTING, CONDITIONS, AND LIGHT FUNCTIONALITY IS UNKNOWN.
- PROVIDE A COMMERCIAL GRADE, OUTDOOR RATED, UPS SYSTEM WITH BATTERY HEATER TO POWER FLOODLIGHTS IN AN EMERGENCY SITUATION. UPS SHALL BE 120VAC, 800W, AND CAPABLE OF POWERING ALL EMERGENCY FLOODLIGHTS FOR A 90 MINUTE MINIMUM RUN TIME. THE FLOODLIGHTS SHALL BE OFF IN NORMAL OPERATION AND WHEN ENGAGED SHALL ILLUMINATE THE FOOTBRIDGE STAIRWAYS AS SHOWN ON PLANS.

GENERAL ELECTRICAL NOTES:

- ALL FOOTBRIDGE LIGHTING SHALL BE POWERED FROM THE SOUTH END OF THE FOOTBRIDGE UTILIZING "LP1".
- THE NORTH AND SOUTH STAIRWAY TO ACCESS THE FOOTBRIDGE SHALL HAVE EMERGENCY FLOODLIGHTS TO ALLOW SAFE EGRESS IN THE EVENT OF POWER FAILURE. THE FLOODLIGHTS SHALL ILLUMINATE ONLY IN THE EVENT OF A POWER FAILURE. CONTRACTOR SHALL DIRECT AND ADJUST LIGHT FIXTURE MOUNTING AND AIM AS REQUIRED.
- DISCONNECT AND REMOVE ALL EXISTING BRIDGE LIGHTING, ASSOCIATED POLE LIGHTING, CONDUIT, WIRING, AND ALL ACCESSORIES UNLESS INDICATED.
- ALL CONDUIT RUN ON BRIDGE SHALL BE ON THE EAST SIDE, MOUNTED TO STRUCTURE BELOW THE WALKING ELEVATION CONCEALED AS MUCH AS POSSIBLE. ANY CONDUITS NEEDED FOR THE WEST SIDE SHALL RUN UNDER THE FOOTBRIDGE CLOSE TO THE STRUCTURE AND VERTICALLY ON THE WEST SIDE CONCEALED AS MUCH AS POSSIBLE.
- DMX CABLEING IS REQUIRED FOR ALL COLOR CHANGING BRIDGE FIXTURES "A" AND "B". ALL CABLEING SHALL BE RAN IN CONDUIT.
- COLOR CHANGING FLOOD LIGHTS SHALL LIGHT UP EXTERIOR FRAMEWORK OF BRIDGE FROM FIXTURE FOR THE ENTIRE LENGTH OF STRUCTURAL ELEMENT. VARIOUS LIGHTS SHALL BE PROGRAMMED TO PROVIDE SCENES AS DICTATED BY THE OWNER. VENDOR SHALL SUBMIT COLOR PRESENTATIONS IN SHOP DRAWINGS FOR APPROVAL FOR SCENES AND TO PROVIDE VISUAL CALCULATION OF LIGHT LEVELS FOR VARIOUS ELEMENTS TO VERIFY SOLID COLOR ILLUMINATION.

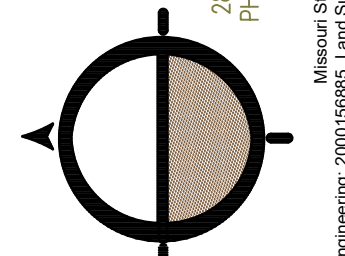
BRANCH CIRCUIT & FEEDER SCHEDULE:

- 2-#8 and 1-#10 GROUND IN 0.75" CONDUIT.
- 2-#10 and 1-#10 GROUND IN 0.75" CONDUIT.



Jennifer A. Luce
#2001018772

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2836 S. INGRAM MILL, SPRINGFIELD, MO 65804
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www.greenv.com



JEFFERSON AVENUE FOOTBRIDGE RENOVATION
SPRINGFIELD, GREENE COUNTY, MISSOURI
DEPARTMENT OF PUBLIC WORKS
BRIDGE LIGHTING IMPROVEMENTS

ADDENDUM 1
OCTOBER 12, 2021

CONTACT DEREK BLOOM WITH RTM WITH ELECTRICAL QUESTIONS
CONTACT ELIZABETH HARGRAVE WITH RTM WITH PLUMBING, MECHANICAL AND HVAC QUESTIONS

DATE: NOV 10, 2020

JOB NUMBER: 3844

SHEET
ME4

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