MEMORANDUM

TO: All Plan Holders FROM: City of Ozark PROJECT: Chadwick Flyer Trail DATE: December 8, 2021 SUBJECT: Addendum No. 1 PROJECT NUMBER: STBG - 9901 (827) This addendum forms a part of the Contract Documents for the STBG - 9901(827) - Chadwick Flyer Trail project. Contractors are required to acknowledge the receipt of addenda by signing and including all addenda with each bid form. FAILURE TO ACKNOWLEDGE RECEIPT OF ADDENDUM MAY SUBJECT BIDDER TO DISQUALIFICATION. Updated Plan Sheets and Bid Sheets are attached. Notice to Bidders: The following are questions received from bidders. Answers are shown in RED. 1. Where is the quantity for the Area Inlet and 4' Junction Manhole on plan sheet 12? The area inlet and junction manhole were excluded from the summary of quantities plan sheet 2 and the itemized bid form. The plan sheet and itemized bid form has been updated as part of Addendum #1. Additionally, the area inlet is a special item resulting in an additional JSP and added detail to plan sheet 12. The JSP and plan sheet revisions are included in the addendum. 2. Could the bid date be moved back? The bid date is being pushed back two (2) days to December 15th. Attachments: Bid Book, Plan Sheets (2 & 12) Name and Title of Signer (Print or type) Contractor / Bidder Signature

Date Signed:

(Signature of person authorized to sign)

ADDENDUM #1 - 12/8/2021

CHADWICK FLYER TRAIL IMPROVEMENTS STBG-9901(827)

CITY OF OZARK, MISSOURI 205 N. 1st Street Ozark, Missouri 65721



REQUEST FOR BID

BID OF

Bidder Name			
D:11 A 11			
Bidder Address			

FOR CHADWICK FLYER TRAIL

Christian County Ozark, Missouri

INVITATION FOR BIDS

Sealed bids for the City of Ozark, Missouri (hereinafter "Owner") Chadwick Flyer Trail, STBG-9901(827) (hereinafter "Project") will be received by Ozark City Hall, 205 N. 1st Street, Ozark, Missouri 65721, until 2:00 p.m. local time, on Wednesday, December 15, 2021, at which time the bids will be publicly opened and read aloud.

The Scope of Work includes construction of a 10 foot wide ADA compliant concrete trail and ramps, clearing and grubbing, earthwork, storm sewer, retaining wall, curb wall, lighting, traffic control, erosion control and other incidental items and work described in the Project Manual, or reasonably inferable therefrom. The City of Ozark anticipates issuing notice to proceed in the fall of 2021.

Bid packages will be distributed electronically via an ftp link at no cost to the bidder. Hard copies will not be available for purchase. Bidders may make printed copies of the bid documents (plans, project manual, and a bid packet) at their own expense. When requesting the ftp link, you will be required to provide your company name, a contact person and phone number, a complete company address and an e-mail address to be added to the Plan Holders List and for receiving official bidding communications and addenda. If you are not on the Plan Holders List, you will not receive any addenda issued. To request the electronic ftp link, email Garri Ann Conway at gaconway@cmtengr.com. Project and bidding questions shall be conducted exclusively via e-mail. Any questions regarding this project must be submitted to: Ryan Stehn at rstehn@cmtengr.com, by 4:00 pm local time on December 6, 2021. No written questions after this date or any verbal questions will be recognized.

A bid security in the amount of five percent (5%) of the bid amount must accompany each bid, in accordance with the Instructions to Bidders.

For a contractor to be awarded this project the contractor must have a fully responsive contractor questionnaire on file with the Missouri Highway and Transportation Commission at least 7 days prior to the bid opening date. All bidders must be on MoDOT's Qualified Contractor List per Section 102.2 of the current Missouri Standard Specifications for Highway Construction. No Second Tier Subcontracting will be allowed.

The wage rates applicable to this project have been predetermined as required by law and are set forth in this specification. When Federal wage rates are applicable and included, this contract is subject to the "Work Hours Act of 1962", (P.L. 87-581: 76 Stat. 357) and implementing regulations. When state and federal wage rates are both required the higher of the two for each job classification shall be used.

Effective January 1, 2009 and pursuant to RSMo 285.530 (1), No business entity or employer shall knowingly employ, hire for employment, or continue to employ an unauthorized alien to perform work within the state of Missouri. The successful bidder must submit a sworn affidavit and documentation affirming the business entity's enrollment and participation in the federal work authorization program and that all of its employees working for the contracted services are not illegal immigrants.

Upon signing the contract, the successful contractor and any subcontractor performing the work shall provide a ten-hour Occupational Safety and Health Administration (OSHA) construction safety program for their on-site employees within sixty (60) days of beginning work on the construction project.

The City of Ozark, Missouri hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, businesses owned and controlled by socially and economically disadvantaged individuals 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, creed, sex, age, ancestry, or national origin in consideration for an award.

The DBE Contract Goal for this project is 7%, and DBE firms must be certified by MoDOT to attain credit towards this contract goal. There is no On the Job Trainee goal.

THE OWNER INTENDS TO AWARD THE CONTRACT TO THE LOWEST, RESPONSIVE, RESPONSIBLE BIDDER. THE OWNER RESERVES THE RIGHT TO REJECT ANY AND ALL BIDS, AND TO WAIVE ANY IRREGULARITIES IN THE BEST INTEREST OF THE OWNER WITH MODOT'S CONSENT.

NOTICE TO CONTRACTORS

Sealed bids, addressed to the City of Ozark, Missouri for the proposed work will be received by Ozark City Hall until 2:00 p.m. (prevailing local time) on Wednesday, December 15, 2021 and at that time will be publicly opened. Bids should be delivered to: 205 N. 1st Street, Ozark, MO 65721.

(1) **PROPOSED WORK:** The proposed work, hereinafter called the work, includes:

Construction of a 10 foot wide ADA compliant concrete trail and ramps, clearing and grubbing, earthwork, storm sewer, retaining wall, curb wall, lighting, traffic control, erosion control and other incidental items and work described in the Project Manual, or reasonably inferable therefrom.

(2) <u>COMPLIANCE WITH CONTRACT PROVISIONS:</u> The bidder, having examined and being familiar with the local conditions affecting the work, and with the contract, contract documents, including the current version of the Missouri Highways and Transportation Commission's "Missouri Standard Specifications for Highway Construction," and "Missouri Standard Plans for Highway Construction", their revisions, and the request for bid, including appendices, the special provisions and plans, hereby proposes to furnish all labor, materials, equipment, services, etc., required for the performance and completion of the work. All references are to the Missouri Standard Specifications for Highway Construction, as revised, unless otherwise noted.

The following documents are available on the Missouri Department of Transportation web page at www.modot.mo.gov under "Business with MoDOT" "Standards and Specifications". The effective version shall be determined by the letting date of the project.

- General Provisions & Supplemental Specifications
- Supplemental Revisions to Missouri Std. Plans for Highway Construction

These supplemental bidding documents contain all current revisions to the bound printed versions and have important legal consequences. It shall be conclusively presumed that they are in the bidder's possession, and they have been reviewed and used by the bidder in the preparation of any bid submitted on this project.

Please note that within the above-listed documents, the term "Commission" shall be replaced with the term, "City of Ozark, Missouri", and the term "Engineer" is a reference to the Engineer of Record from Crawford, Murphy & Tilly, 1631 West Elfindale St., Springfield, MO 65807.

In the event of any conflict or inconsistency between the Contract Documents and the current edition of the Missouri Standard Specifications for Highway Construction or the current edition of the Missouri Standard Plans for Highway Construction, the Contract Documents provided herein shall prevail.

The contracting authority for the contract is "The City of Ozark, Missouri".

(3) PERIOD OF PERFORMANCE: If the bid is accepted, the bidder agrees that work shall be diligently prosecuted at such rate and in such manner as, in the judgment of the engineer, is necessary for the completion of the work within the time specified as follows in accordance with Article III of the Owner-Contractor Agreement:

Calendar Days: 150

Completion Date: 150 days from Notice to Proceed

(4) <u>LIOUIDATED DAMAGES:</u> The bidder agrees that, should the bidder fail to complete the work in the time specified or such additional time as may be allowed by the engineer under the contract, the amount of liquidated damages to be recovered in accordance with Article III of the Owner-Contractor Agreement shall be as follows:

Liquidated damages per day \$ 700.00

- (17) **PROJECT AWARD**: This project will be awarded to the lowest, responsive, responsible bidder.
- (18) <u>MATERIALS INSPECTIONS</u>: All technicians who perform, or are required by the FHWA to witness, such sampling and testing shall be deemed as qualified by virtue of successfully completing the requirements of EPG 106.18 Technician Certification Program, for that specific technical area.
- Specifications for Highway Construction states that "the contractor's organization shall perform work amounting to not less than 40 percent of the total contract cost" is waived for this contract. Instead, the less restrictive terms of the Federal Highway Administration's rule at Title 23 Code of Federal Regulations (CFR) § 635.116(a) shall apply, so that the contractor must perform project work with its own organization equal to and not less than 30 percent of the total original contract price. Second-tier subcontracting will not be permitted on this contract. All other provisions in Sec 108.1.1 et seq. of the current edition of the Missouri Standard Specifications for Highway Construction shall remain in full force and effect, and shall continue to govern the contractor and its subcontractors, in accordance with the provisions of Title 23 CFR § 635.116.
- (20) <u>SALES AND USE TAX EXEMPTION:</u> OZARK, MISSOURI, a tax-exempt entity, will furnish a Missouri Project Exemption Certificate as described in Section 144.062 RSMo to the awarded contractor who in turn may use the certificate to purchase materials for a specific project performed for the tax-exempt entity. Only the materials and supplies incorporated or consumed during the construction of the project are exempt. The certificate will be issued to the contractor for a specific project for a defined period of time.

(21) <u>INSTRUCTIONS TO BIDDERS</u>

The undersigned acknowledges receipt of the following addenda:

<u>ITEMIZED BID</u>: The bidder proposes to furnish all labor, materials, equipment, services, etc. required for the performance and completion of the work, as follows:

Addendum No. _____, Dated _____, Date Received _____

INVITATION FOR BID

BID FORM PROPOSAL

LOCATION: Ozark, Missouri	BID TIME: 2:00 p.m.
	BID DATE: <u>12/15/2021</u>
NAME:	
The City of Ozark, Missouri ("Owner")	
The City of Ozark, Wissouri (Owner)	
se to the Invitation for Bids for Project No. STBG-9901(827), and	
nd other Bidding Documents, the undersigned Bidder declares that he work and has carefully examined the Contract Documents thereigh	
d on the basis thereof, and being fully familiar with the local condition	
award of contract, acknowledges and agrees to provide all labor, m	naterial, equipment, tools, management
vision, safety and technical services, insurance, bonds and incidenta- ace of the Contract Work in accordance with the above-reference	
ike manner for the following Base Bid Price:	eed documents in a sure, timery and
E BID:	
Dollars (Amount in Words)	
(\$)	
(D)	
(\$)	
(\$)	
(\$)	
(\$) IINATION OF LOW BIDDER. The Low Bidder will be determine	ned by the total of the Base Bid.

The Base Bid amount is more fully itemized as follows:

BIDDER NAME:		

ITEMIZED BID FORM

ITEM NUMBER	PAY ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL COST
1	2013000	CLEARING AND GRUBBING	ACRE	2		
2	2022010	REM OVAL OF IM PROVEMENTS	LS	1		
3	2035000	UNCLASSIFIED EXCAVATION	CY	3,768		
4	2036000	COM PACTING EMBANKMENT	CY	3,682		
5	3040504	TYPE 5 A GGREGATE FOR BASE (4 IN. THICK)	SY	4,605		
6	3101003	GRAVEL (A)	SY	5		
7	5021108	CONCRETE PAVEMENT, 8 IN. NONREINF.	SY	213		
8	6042010	ADJUSTING MANHOLE	EA	1.0		
9	6044012	PIPE COLLAR, TYPE B	EA	1.0		
10	6069902	BOLLARD	EA	1		
11	6079903	PEDESTRIAN FENCING	LF	436.0		
12	6086004	CONCRETE SIDEWALK, 4 IN.	SY	4,510.5		
13	6086008	CONCRETE SIDEWALK, 8 IN.	SY	72.6		
14	6089905	BOX CULVERT OVERLAY	SY	409.0		
15	6081012	TRUNCATED DOMES	SF	72.0		
16	6089903	SIDEWALK HAND-RAILING WITHOUT BALUSTERS (BLACK POWDER COATED)	LF	112		
17	6099903	CURB WALL	LF	70		
18	6143010	MANHOLE FRAME AND COVER, TYPE 1-A	EA	1.0		
19	6161005	CONSTRUCTION SIGNS	SF	49		
20	6161030	TYPE III MOVEABLE BARRICADE	EA	12		
21	6181000	M OB ILIZATION	LS	1.0		
22	6200009	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 6 IN. WHITE	LF	126.0		
23	6274000	CONTRACTOR FURNISHED SURVEYING AND STAKING	LS	1.0		
24	7039903(1)	8'X10' BOX CULVERT EXTENSION	LF	710		
25	7039903(2)	5'X5' BOX CULVERT	LF	56.0		
26	7110400	SACRIFICIAL GRAFFITI PROTECTION SYSTEM - PEDESTRIAN BOX CULVERT	LS	1.0		
27	7201000	M ECHANICALLY STABILIZED EARTH WALL SYSTEMS	SF	226		
28	7250315A	15 IN. PIPE GROUP B	LF	95		
29	7250324A	24 IN. PIPE GROUP B	LF	28		
30	7250330A	30 IN. PIPE GROUP B	LF	2		

ITEM	PAY ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT	TOTAL
NUMBER	NUMBER				COST	COST
31	7259903	3 FT. BY 2 FT. ELLIPTICAL PIPE	LF	18		
32	7310048	PRECAST CONCRETE MANHOLE - 48 IN.	FT	11		
33	7319913	5'X5' AREA INLET	EA	1		
34	7322015A	BEVELED END PIPE TREATMENT FOR 15 IN. OR ALLOWED SUBSTITUTE PIPE	EA	8		
35	7329902	BEVELED PIPE END TREATMENT FOR 3 FT. BY 2 FT. OR ALLOWED SUB	EA	1		
36	8051000A	SEEDING - COOL SEASON MIXTURES	AC	4		
37	8061003	SEDIMENT TRAP EXCAVATION	CY	5		
38	8061004	SEDIMENT TRAP	CY	25		
39	8061005	ROCK DITCH CHECK	LF	128		
40	8061016	SEDIMENT REMOVAL	CY	22		
41	8061019	SILT FENCE	LF	4,405		
42	8064141	TYPE 4 EROSION CONTROL BLANKET	SY	568		
43	9012230	LIGHTING CONTROLLER, 100A, 120/240V, 1-PHASE, 3-WIRE	EA	1		
44	9016110	PULL BOX, PREFORMED CLASS 1	EA	2		
45	9019902(1)	TRAIL LIGHT POLE	EA	6		
46	9019902(2)	SURFACE MOUNT LIGHT FIXTURE EA 9				
47	9019902(3)	8"X8"X6" NEMA 4X JUNCTION BOX EA 4				
48	9019902(4)	ELECTRIC SERVICE INSTALLATIONS	EA	1		
49	9019903(1)	1" PVC SCH. 40 CONDUIT, IN TRENCHING	LF	667		
50	9019903(2)	3/4" PVC COATED RIGID GALVANIZED STEEL CONDUIT	LF	385		
51	9019903(3)	1" PVC COATED RIGID GALVANIZED STEEL CONDUIT	LF	20		
52	9019903(4)	2" PVC RIGID GALVANIZED STEEL CONDUIT	LF	172		
53	9028202	CABLE, 2 AWG 1 CONDUCTOR, POWER	LF	550		
54	9028206	CABLE, 6 AWG 1 CONDUCTOR, POWER	LF	185		
55	9017208	WIRE, 8 AWG, BARE NEUTRAL	LF	1,850		
56	9028100	CABLE, 10 AWG 1 CONDUCTOR, POLE AND BRACKET	LF	2,440		
57	9028219	CABLE, 10 AWG 1 CONDUCTOR, POWER	LF	570		
58	9029901	BLACK POWDERCOAT SIDEWALK HAND-RAILS	LS	1		
59	9039901	SIGNING	LS	1		
60	9109901	INSTALLATION OF PROVIDED SECURITY CAMERA	LS	1		
TOTAL CONSTRUCTION COST						



JOB SPECIAL PROVISIONS TABLE OF CONTENTS (ROADWAY)

(Job Special Provisions shall prevail over General Special Provisions whenever in conflict therewith.)

General – Federal JSP-09-02C Α.

В. Project Contact For Contractor/Bidder Questions

C. Work Zone Traffic Management Plan (WZTMP) JSP-02-06D Emergency Provisions And Incident Management JSP-90-11 D.

Ε. Utilities JSP-93-26F

F. Americans With Disabilities ACT (ADA) Compliance And Final Acceptance Of

Constructed Facilities JSP-10-01A

G. Safety Plan

Η. **Final Payment Documents**

Tree Clearing Restrictions JSP-07-05A Ι.

J. LPA Buy America Requirements JSP-18-08

K. Supplemental Revisions JSP-18-01P Shop Drawings and Submittals

Μ. Contractor Quality Control NJSP-15-42

N. **Pedestrian Fencing**

Ο. Black Powder Coated Sidwalk Hand-Railing

Ρ. Curb Wall

Q. 8' x 10' Box Culvert Extension

R. 5' x 5' Box Culvert S. Trail Light Pole

Surface Mount Light Fixture Τ.

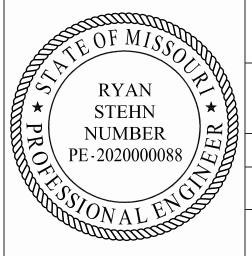
U. Signing

V. Removal and Relocation of Existing Signage

Slip Resistant Texturing W.

Installation of Provided Security Camera Χ.

Υ. 5'x5' Area Inlet-



CITY OF OZARK

205 N. 1st Street Ozark, MO 65721 Phone 417-581-2407

Crawford, Murphy & Tilly, Inc.

1631 W. Elfindale

Springfield, MO 65807

Certificate of Authority: 000631 Consultant Phone: (417) 869-6009

If a seal is present on this sheet, JSP's have been electronically sealed and dated.

PROJECT NO. STBG-9901(827)

CITY OF OZARK

DATE PREPARED: June, 25, 2021

ADDENDUM:

#1 - 12/8/2021

Only the following items of the Job Special Provisions (Roadway) are authenticated by this seal: All

V. REMOVAL AND RELOCATION OF EXISTING SIGNAGE

- **1.0 Description.** This work shall consist of relocating and mounting existing signs of various sizes to new or existing posts at locations shown on the plans. The Contractor shall be responsible for all existing signs to be relocated. During construction, if any sign to be relocated is lost, stolen, or damaged in any way, the Contractor shall be responsible for all costs.
- **2.0 Construction Requirements.** The contractor shall install new sign support posts at the locations shown and then relocate and mount existing signs to the new posts. All work shall be in accordance with the construction requirements of Section 903
- 3.0 Basis of Payment. All costs incurred for relocating and mounting existing signs to new posts at the locations shown, complete in place, will be included in the contract unit price for REMOVAL OF IMPROVEMENTS. Payment for all other labor, equipment, material and incidental items will be considered completely covered by the bid itmes included in the contract.

W. <u>SLIP RESISTANT TEXTURING</u>

- **1.0 Description.** This work consists of providing additional slip resistant texturing to the sidewalk in the areas shown on the plans
- 2.0 Construction Requirements. All sidewalk and trails shall have a uniform roughened finish to the final surface in accordance with Section 502 of 2020 Missouri Standard Specifications for Highway Construction, except as herein:
 - **2.1** The required texture depth shall have a minimum value of 3.00 mm for locations for sidewalk surfaces where the running slope is 5% or greater or as noted on the plans.
- **3.0 Basis of Payment.** No direct payment will be made for this final surface treatment. Cost shall be incidental to the construction of the concrete sidewalk

X. INSTALLATION OF PROVIDED SECURITY CAMERA

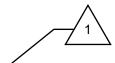
- **1.0 Description.** This work consists of installing two (2) security cameras, provided by the Ozark School District, inside the pedestrian box culvert near the intersection of Route 14 and 12th St.
- **2.0 Construction Requirements.** The security cameras should be mounted to the box culvert per manufacturer recommendations.
- **3.0 Basis of Payment.** The accepted quantities of Installation of Provided Security Camera will be paid for by Lump Sum. Payment shall include all incidental items necessary to complete the work, including but not limited to mounting bracket, hardware, etc... Payment to install Ozark School District provided Security Cameras shall be completely covered by contract unit price for:

Pay Item Number	Type / Description	Unit
910-99.01	Installation of Provided Security Camera	LS

Y. 5'X5' AREA INLET -



- **1.0 Description.** This work covers the furnishing and installation of 5'x5' Area Inlet as shown in the plans and details.
- **2.0 Construction Requirements.** Construction shall be in accordance with the Missouri Department of Transportation Standard Specifications and Plans, latest edition.



3.0 Basis of Payment. The accepted quantities of 5'x5' Area Inlet will be paid for by Each. The contract unit prices shall be considered as full compensation for all labor, equipment, materials, and incidental items necessary to complete the work, including but not limited to excavation, bedding, backfill, etc within the limits of the structure. Payment to install 5'x5' Area Inlet shall be completely covered by contract unit price for:

Pay Item Number	Type / Description	Unit
731-99.13	5'x5' Area Inlet	EA

GENERAL NOTES

1) ALL IMPROVEMENTS IN THE CITY OF QZARY'S RICHT-OF-WAY SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST ENTINENCE FOR PUBLIC IMPROVEMENTS' AND CONSTRUCTION SPECIFICATIONS FOR PUBLIC IMPROVEMENTS' DESCRIPTION OF THE ADMINISTRATION OF THE AD

2) IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE AND DISPOSE OF ALL MATERIAL AND DEBRIS, RESULTING FROM CONSTRUCTION OPERATIONS. THE COST FOR THE REMOVAL AND DISPOSAL OF ALL CONSTRUCTION OF A THE COST FOR THE REMOVAL AND DISPOSAL OF ALL CONSTRUCTION OF A THE COMMENT OF THE COMM

3) THE CONTRACTOR IS RESPONSIBLE FOR RETURNING ALL EXISTING AREAS (TO REMAIN) AFFECTED BY CONSTRUCTION ACTIVITIES, EQUIPMENT, OR LABORERS TO THE ORIGINAL UNDISTURBED CONDITIONS. THE CONTRACT AS ALSO RESPONSIBLE FOR PROTECTING ALL New WORK UNTIL THE COMPLETION OF THE CONTRACT ADDITIONAL COST FOR REPLACEMENT OF COMPLETED WORK PRIOR TO FINAL INSPECTION AND ACCURACY WILL BE THE RESPONSIBILITY OF THE CONTRACT OR.

4) REMOVAL OF PAVEMENT, SIDEWALK, CURB AND GUTTER, ETC. SHALL BE DISPOSED OF OFFSITE AT LOCATIONS PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

5) ALL DRAINAGE STRUCTURES AND FLOW LINES SHALL BE FREE FROM DIRT AND DEBRIS. THIS WORK SHALL BE INCLUDED IN THE CONTRACT AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTORS' FAILURE TO PROVIDE THE ABOVE WILL PRECLUDE ANY POSSIBLE ADDED COMPENSATION REQUESTED DUE TO DELAYS, OR REMOVAL OF UNSUITABLE MATERIALS CREATED AS A RESULT THEREOF.

6) THE CONTRACTOR SHALL PLAN THEIR WORK BASED ON THEIR OWN SOIL BORINGS, EXPLORATIONS, AND OBSERVATIONS TO DETERMINE SOIL CONDITIONS AT THE LOCATION OF THE PROPOSED WORK.

7) EXCESS MATERIALS, IF NOT UTILIZED AS FILL, SHALL BE COMPLETELY REMOVED FROM THE CONSTRUCTION SITE AND DISPOSED OF OFF-SITE BY THE CONTRACTOR ADDITIONAL COSTS ASSOCIATED WITH THE EXCAVATION, STOCKPILING, TRANSPORTATION, AND DISPOSAL OF THESE EXCESS MATERIALS SHALL BE INCLUDED IN THE CONTRACT UNIT COST FOR EXCAVATION.

ADDITION TO FIELD SURVEYS AND AERIAL SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD, SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION DUE TO A CHANCE IN THE SCOPE OF WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE AGREED UNIT PRICE BID FOR THE WORK, GRADING SHALL BE DONE BY HAND AROUND BUILDINGS, LIGHT POLES, UTILITY POLES, SIGHT POSTS, SKRUDES, TREES OR OTHER NATURAL. ON MAN-MADE OBJECTS WHERE SHALLOW FILLS OF CUTS ARE ADJACENT TO THE ITEMS. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE OF EXCAVATION AND NO ADDITIONAL COMPENSATION MILL BE

9) SEEDING SHALL BE DONE ON ALL VEGETATED AREAS THAT ARE DISTURBED BY CONSTRUCTION OPERATIONS AS DIRECTED BY THE ENGINEER. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SECEDE, AS DIRECTED BY THE ENGINEER, AT THE CONTRACTOR'S EXPENSE.

10) WHERE PROPOSED CONSTRUCTION ABUTS EXISTING APPURTENANCES, A SAW CUT SHALL BE MADE TO ACHIEVE A NEAT BUTT JOINT. ALL OTHER SAWED JOINTS FOR REMOVALS, PATCHING, BUTT JOINTS, AND CONSTRUCTION STAGING SHALL NOT BE PAID FOR SEPARATELY, AND SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO FURTHER COMPENSATION WILL BE ALLOWED.

11) CONTRACTOR SHALL PROVIDE A MINIMUM OF 48 HOURS ADVANCE NOTICE TO RESIDENT ENGINEER FOR ALL WORK TO BE PERFORMED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

12) THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO BEGINNING CONSTRUCTION.

1.3) ALL CONSTRUCTION TRAFFIC CONTROL DEVICES MUST BE UTILIZED AND MAINTAINED IN COMPLIANCE WITH PART V OF THE 2009 EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" AND STANDARD 616 "TEMPORARY TRAFFIC CONTROL D

14) THE INSTALLATION OF BITUMINOUS MATERIAL NECESSARY TO TRANSITION TRAFFIC FROM EXISTING TO PROPOSED PAVEMENT ELEVATION DURING CONSTRUCTION SHALL BE INCLUDED IN THE COST FOR TEMPORARY TRAFFIC CONTROL.

15) CONTACT 417-581-1702, PUBLIC WORKS DEPT. CITY OF OZARK, 24 HOURS IN ADVANCE PRIOR TO THE START OF CONSTRUCTION FOR COORDINATION WITH THE CITY.

16) IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF EXISTING UNDERGROUND FACILITIES PRIOR TO BEGINNING INSTALLATION OF NEW FACILITIES. CONTACT THE ENGINEER FOR INSTRUCTIONS WHEREVER ANY CONFLICTS ARE DISCOVERED.

17) IT IS THE CONTRACTOR'S RESPONSIBILITY TO CORRECT ANY DAMAGE TO UNDERGROUND UTILITIES OR OTHER OBSTRUCTIONS WHICH IS DUE TO HIS OPERATIONS.

18) CONTRACTOR SHALL LOCATE ALL UNDERGROUND UTILITIES BEFORE EXCAVATION. UTILIZE "MISSOURI ONE-CALL" BY CALLING 1-800-DIG-RITE.

19) ALL DIMENSIONS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED. ALL RETAINING WALLS ARE TO FACE OF WALL.

20) ALL CONSTRUCTION ACTIVITIES, INCLUDING PLACEMENT AND STORAGE OF MATERIALS SHALL BE CONFINED TO THE LIMITS OF THE RIGHTS-OF-WAY AND EASEMENTS SHOWN ON THESE PLANS.

21) CONTRACTOR IS REQUIRED TO OBTAIN THE NECESSARY PERMITS FROM MODOT TO PERFORM WORK ON STATE RIGHT-OF-WAY.

22) IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH ADJACENT PROPERTY OWNERS IMPACTED BY CONSTRUCTION OPERATIONS.

23) THE CONTRACTOR SHALL PROTECT IN-PLACE ANY EXISTING MAILBOXES WITHIN THE LIMITS OF THE NEW SIDEWALK. MINIMUM CLEAR DISTANCE OF 48" SHALL BE MAINTAINED.

24) ALL AREAS DISTURBED BY CONSTRUCTION. EXCLUDING THOSE TO RECEIVE CRUSHED STONE, ASPHALT OR CONCRETE PAVING, SHALL BE FERTILIZED, SEEDED AND MULCHED AS DESCRIBED IN THE SPECIFICATIONS.

25) ALL DRIVEWAYS SHALL REMAIN ACCESSIBLE DURING PROJECT DURATION.

26) CONTRACTOR SHALL REMOVE, PRESERVE, AND REPLACE ALL SIGNS, MAILBOXES, FENCES, AND MISCELLANEOUS ITEMS WITHIN THE LIMITS OF THE PROPOSED IMPROVEMENTS, UNLESS OTHERWISE NOTED.

UTILITY NOTES

1) WHEN THE PLANS OR SPECIAL PROVISIONS INCLUDE INFORMATION PERTAINING TO THE LOCATION OF EXISTING UTILITY FACILITIES, SUCH INFORMATION ONLY REPRESENTS THE OPINION OF THE LOCATION OF SUCH FACILITIES AND IS ONLY INCLUDED FOR THE CONTRACTOR'S CONVENIENCE. THE ENGINEER AND THE OWNER ASSUME NO RESPONSIBILITY FOR THE SUFFICIENCY OR ACCURACY OF THE INFORMATION SHOWN IN THE PLAN RELATING TO THE LOCATION OF EXISTING FACILITIES OR THE MANNER IN WHICH THEY ARE TO BE REMOVED OR ADJUSTED.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM OR ESTABLISH THE EXISTENCE OF ALL UTILITY FACILITIES
RELEVANT TO THEIR EXACT LOCATIONS, AND TO SCHEDULE ALL NECESSARY UTILITY RELOCATIONS WITH THE APPROPRIATE
UTILITY COMPANY.

3) THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE NATURE OF AND STATUS OF ALL UTILITY RELOCATION WORK PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL TAKE APPROPRIATE MEASURES TO ENSURE THAT CONSTRUCTION ACTIVITIES DO NOT INTERFERE WITH UTILITY FACILITIES AND RELOCATION WORK. THE CONTRACTOR'S SCHEDULE SHOULD REFLECT CONSTRUCTION SCOULDING WHICH COPOINIATES WITH ALL UTILITY RELOCATION WORK. THE CONTRACTOR SHALL BE REQUIRED TO ADJUST THE SEQUENCE SCHEDULE OF WORK TO COORDINATE WITH THE RELOCATION SCHEDULE OF CONFLICTION UTILITY COMPANIES.

4) CONTRACTOR SHALL LOCATE ALL UNDERGROUND UTILITIES BEFORE EXCAVATION. UTILIZE "MISSOURI ONE CALL" BY CALLING 1-800-DIG-RITE.

5) IT IS THE CONTRACTORS RESPONSIBILITY TO COMPENSATE THE IMPACTED UTILITY COMPANY OR CUSTOMER FOR ANY MATERIAL, LABOR, LOSS OF USE, AND ASSOCIATED COSTS DUE TO ANY DAMAGE TO UNDERGROUND OR OVERHEAD FACILITIES DUE TO THE CONTRACTOR'S OPERATION.

6) ALL EXISTING UTILITIES INDICATED ON THE DRAWINGS REPRESENT THE BEST INFORMATION AVAILABLE TO THE ENGINEER: HOWEVER, ALL EXISTING UTILITIES MAY NOT BE SHOWN, UTILITIES DAMAGED THROUGH NEGLIGENCE OF THE CONTRACTOR TO OBTAIN THE LOCATION STALL BE REPARRED OR REPLACED BY THE CONTRACTOR AT HIS EXPENSE.

7) RELOCATION OF ANY WATER LINE, SEWER LINE, OR SERVICE LINE THEREOF REQUIRED FOR THE CONSTRUCTION OF THIS PROJECT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE AT HIS EXPENSE.

8) THE CONTRACTOR SHALL PROVIDE 1-WEEK ADVANCED NOTICE TO UTILITY COMPANY REPRESENTATIVES PRIOR TO WORKING WITHIN THE VICINITY OF EXISTING UTILITIES.

9) ANY CONFLICTS BETWEEN THE INSTALLATION OF THE PROPOSED IMPROVEMENTS AND KNOWN OR UNKNOWN EXISTING UTILITIES SHALL BE IDENTIFIED BY THE CONTRACTOR AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE A PROPOSED SOLUTION TO AVOID THE CONFLICT.

DRAINAGE NOTES

1) A MINIMUM OF ONE (1) COMPACTION TEST AND A MAXIMUM OF TWO (2) COMPACTION TESTS SHALL BE PERFORMED BY A QUALIFIED TESTING LABORATORY FOR EVERY 100 FEET OF SIDEWALK CONSTRUCTION, SOIL SAMPLES FOR SUCH TESTS SHALL BE COLLECTED BY LABORATORY ECHNICIANS, ALL TESTING LABORATORY EXPENSES SHALL BE PAID FOR BY THE CONTRACTOR.

 DURING CONSTRUCTION OPERATIONS THE CONTRACTOR SHALL ENSURE POSITIVE SITE DRAINAGE AT THE CONCLUSION OF EACH DAY. SITE DRAINAGE MAY BE ACHIEVED BY DITCHING, PUMPING, OR ANY OTHER METHOD ACCEPTABLE TO THE ENGINEER.

3) THE CONTRACTOR SHALL RECONNECT ALL EXISTING DRAINAGE TILES OR ACTIVE PIPES FOUND DURING EXCAVATION TO THE NEW STORM SEWER LINES IN ACCORDANCE WITH THE DETAILS SHOWN IN THE PLANS. THE COST OF INSTALLING THIS CONNECTION IS INCLUDED IN THE ASSOCIATED DRAINAGE ITEMS.

4) FRAME ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF HE STRUCTURE. FRAMES ON ALL NEW STRUCTURES WILL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED AS PART OF THE DRAINAGE STRUCTURE COST.

5) ALL OPENINGS IN PRECAST STRUCTURES SHALL BE FABRICATED TO THE PROPER SIZE. COSTS FOR THESE OPENINGS AND THE ASSOCIATED CONNECTIONS SHALL BE INCLUDED IN THE PAY ITEMS FOR THE STRUCTURES INVOLVED. ALL DRAINAGE STRUCTURES SHALL BE DELIVERED TO THE CITY WITHOUT SILT, DEBRIS OR OTHER SUCH OBSTRUCTIONS AT THE TIME OF FINAL INSPECTION. THE NEED FOR ADDITIONAL CLEANING OF THE STRUCTURES SHALL BE AT THE DIRECTION OF THE ENGINEER AND WILL NOT BE PAID FOR AS AN ADDITIONAL COST OF THE STRUCTURES SHALL BE AT THE DIRECTION OF THE ENGINEER AND WILL NOT BE PAID FOR AS AN ADDITIONAL COST OF MAKING STORM SEWER CONNECTIONS TO EXISTING OPENIAGE. STRUCTURES SHALL BE INCLUDED IN THE VARIOUS CONTRACT. THE COST OF MAKING STORM SEWER CONNECTIONS

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN ALL SOIGN CONTROL DEVICES, NOLLODING ALL SILT FENCE, INLET CHECKS D SEDIMENT TRAPS TO ENSURE THEY ARE IN PROPER WORKING NOTION DURING THE DURATION OF CONSTRUCTION, SUCH WORK SHALL CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO ADDITIONAL MREPISATION WILL BE MADE FOR MAINTENANCE ACTIVITIES.

NUMBER	NUMBER	DESCRIPTION CLEAR DIVICANTO COLUDDING	UNIT	QUANTI
1	2013000	CLEARING AND GRUBBING PEMOVAL OF IMPROVEMENTS	ACRE	2
2	2022010	REMOVAL OF IMPROVEMENTS	LS	1 2.700
3	2035000	UNCLASSIFIED EXCA VATION	CY	3,768
5	2036000 3040504	COMPACTING EMBANKMENT TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)	CY SY	3,682 4,605
6	3101003		SY	4,605
7	5021108	GRAVEL (A) CONCRETE PAVEMENT, 8 IN. NONREINF.	SY	21.3
8	6042010	ADJUSTING MANHOLE	EA	1.0
9				
10	6044012 6069902	PIPE COLLAR, TYPE B BOLLARD	EA EA	1.0
11	6079903	PEDESTRIAN FENCING	LF	436.0
12	6086004	CONCRETE SIDEWALK, 4 IN.	SY	4,510.5
13	6086004	CONCRETE SIDEW ALK, 4 IN. CONCRETE SIDEW ALK, 8 IN.	SY	72.6
14	6089905	BOX CULVERT OVERLA Y	SY	409.0
15	6089903	TRUNCATED DOMES	SF	72.0
	6089903		LF	112
16		SIDEWALK HAND-RAILING WITHOUT BALUSTERS (BLACK POWDER COATED)		
17	6099903	CURB WALL	LF	70
18	6143010	MANHOLE FRAME AND COVER, TYPE 1-A	EA	1.0
19	6161005	CONSTRUCTION SIGNS TYPE HEMOVE A DEED A RRICA DE	SF	49
20	6161030	TYPE III MOVEABLE BARRICADE MORILIZATION	EA	12
21	6181000	MOBILIZATION DEFENDMENT THERMODI A STIC DA VEMENT MADVING 4 IN WHITE	LS	1.0
22	6200009 6274000	PREFORMED THERMOPLA STIC PA VEMENT MARKING, 6 IN. WHITE CONTRACTOR FURNISHED SURVEYING AND STAKING	LF LS	126.0
24	7039903(1)	8X10 BOX CULVERT EXTENSION	LF	71.0
25	7039903(2)	5XS' BOX CULVERT	LF	56.0
26	7110400	SACRIFICIAL GRAFFITI PROTECTION SYSTEM - PEDESTRIAN BOX CULVERT	LS	1.0
27	7201000	MECHANICALLY STABILIZED EARTH WALL SYSTEMS	SF	226
28	7250315A	15 IN. PIPE GROUP B	LF	95
29	7250324A	24 IN. PIPE GROUP B	LF	28
30	7250330A	30 IN. PIPE GROUP B	LF	2
31	7259903	3 FT. BY 2 FT. ELLIPTICAL PIPE	LF	18
32	7310048 7319913	PRECAST CONCRETE MANHOLE - 48 IN. 5'XS' AREA INLET	FT EA	11
33	7319913 7322015A	BEVELED END PIPE TREATMENT FOR 15 IN, OR ALLOWED SUBSTITUTE PIPE	EA	8
35	7322013A 7329902		EA	1
36	7529902 8051000A	BEVELED PIPE END TREATMENT FOR 3 FT. BY 2 FT. OR ALLOWED SUB SEEDING - COOL SEASON MIXTURES	AC	4
37	806100A 8061003	SEDIMENT TRAP EXCA VATION	CY	5
38	8061003	SEDIMENT TRAP EXCAVATION SEDIMENT TRAP	CY	25
39	8061004	ROCK DITCH CHECK	LF	128
40	8061016	SEDIMENT REMOVAL	CY	22
41	8061019	SILT FENCE	LF	4,405
42	8064141	TYPE 4 EROSION CONTROL BLANKET	SY	568
43	9012230	LIGHTING CONTROLLER, 100A, 120/240V, 1-PHASE, 3-WIRE	EA	1
44	9016110	PULL BOX, PREFORMED CLASS 1	EA	2
45	9019902(1)	TRAIL LIGHT POLE	EA	6
46	9019902(1)	SURFACE MOUNT LIGHT FIXTURE	EA	9
47	9019902(2)	8"X8"X6" NEMA 4X JUNCTION BOX	EA	4
48	9019902(3)	ELECTRIC SERVICE INSTALLATIONS	EA	1
49	9019902(4)	1" PVC SCH. 40 CONDUIT, IN TRENCHING	LF	667
50	9019903(2)	3/4" PVC COATED RIGID GALVANIZED STEEL CONDUIT	LF	385
51	9019903(3)	1" PVC COATED RIGID GALVANIZED STEEL CONDUIT	LF	20
52	9019903(4)	2" PVC RIGID GALVANIZED STEEL CONDUIT	LF	172
53	9028202	CABLE, 2 AWG1 CONDUCTOR, POWER	LF	550
54	9028206	CABLE, 6 AWG1 CONDUCTOR, POWER	LF	185
55	9017208	WIRE, 8 AWG, BARE NEUTRAL	LF	1,850
56	9028100	CABLE, 10 AWG I CONDUCTOR, POLE AND BRACKET	LF	2,440
57	9028100	CABLE, 10 AWG I CONDUCTOR, POWER	LF	570
58	9029219	BLACK POWDERCOAT SIDEWALK HAND-RAILS	LS	1
59	9029901	SIGNING	LS	1
60	9109901	INSTALLATION OF PROVIDED SECURITY CAMERA	LS	1

SUMMARY OF QUANTITIES



License No. 184-000613

RYAN
STEHN
NUMBER
PE-202000088

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

FINAL PLANS

CHADWICK FLYER TRAIL

OWNER



1	12/8/21	REVISED SUMMARY OF QUANTITIES	
MARK	DATE	DESCRIPTION	
PRO.IF	ECT NO:	STBG - 9901 (827)	

PROJECT NO: STBG - 9901 (827)

CAD DWG FILE: 02_GEN NOTES & SUMMARY OF QUANTITIES.dwg
DESIGNED BY: RTS

DRAWN BY: MWD

CHECKED BY: RTS

SHEET TITI

GENERAL NOTES & SUMMARY OF QUANTITIES

COPYRIGHT: CRAWFORD, MURPHY & TILLY, INC. 2018

SHEET 2 OF 43

