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## MEMORANDUM

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TO: All Plan Holders

FROM: Ozarks Transportation Organization

PROJECT: Chadwick Flyer Trail – Phase 3

DATE: March 31, 2023

SUBJECT: Addendum No. 1

PROJECT NUMBER: STBG – 5901 (822)

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This addendum forms a part of the Contract Documents for the STBG – 5901(822) – Chadwick Flyer Trail - Phase 3 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:

1. Plan Sheet 2 and the Itemized Bid Form has been updated to add Item # 7121159 – Shear Connectors and to revise Item # 2169905 – Misc. (Cast-in-Place Concrete Bridge Deck, 6 in.) to Item # 7034212 – Slab on Steel. Contractor is advised to review plan sheet #15 for quantities included in Slab on Steel pay item.

Attachments: Bid Book, Plan Sheets (2)

Name and Title of Signer (Print or type)
Contractor / Bidder Signature
_____ (Signature of person authorized to sign)
Date Signed:

End of Addendum No. 1

**Addendum #1 – 3/31/2023**

**CHADWICK FLYER TRAIL IMPROVEMENTS  
STBG-5901(822)**

**OZARKS TRANSPORTATION ORGANIZATION  
2208 W. Chesterfield Boulevard. Suite #101  
Springfield, Missouri 65807**



**INVITATION FOR BID #001-2023**

**BID OF**

Bidder Name \_\_\_\_\_

Bidder Address \_\_\_\_\_

**FOR  
CHADWICK FLYER TRAIL – PHASE 3**

**Greene & Christian County  
Springfield, Missouri**


## PROPOSAL TO THE OZARKS TRANSPORTATION ORGANIZATION CHADWICK FLYER TRAIL – PHASE 3

THE UNDERSIGNED BIDDER, having examined the plans, specifications, and other proposed contract documents hereto attached, and all addenda thereto; the location of the proposed work; the nature of the excavations to be done; the location, arrangement, construction and condition of existing structures affecting the work; and being cognizant of the conditions of streets giving access to the sites of the work; the existing and local conditions relative to construction hazards, labor, transportation, hauling, trucking and all other factors and conditions affecting, or which may be affected by, the work;

HEREBY PROPOSES to furnish all required tools, equipment, plant and materials; to perform all necessary labor and to construct, install and complete all work stipulated in, required by, and in accordance with the proposed contract documents hereto attached and the plans referred to herein for the unit, lump sum and extended prices listed below.

THE UNDERSIGNED BIDDER UNDERSTANDS that the quantities shown in this proposal are approximate and offers to do the work at the prices stated in the following schedule; the total bid shall be a summation of the price extensions shown and in no event shall the total compensation paid for the work specified herein exceed said total bid unless the Contractor shall obtain a change order duly approved by the Owner prior to the performance of additional or altered work, as set forth in these specifications:

### ITEMIZED BID FORM – BASE BID

 **REVISED**  
3/31/2023

ITEM NUMBER	PAY ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL COST
1	2022010	Removal of Improvements	LS	1		
2	2035000	Unclassified Excavation	CY	2342		
3	2035500	Embankment in Place	CY	1252		
4	2181000	Mobilization	LS	1		
5	3040504	Type 5 Aggregate for Base (4 In. Thick)	SY	10257		
6	3101003	Gravel (A)	SY	103		
7	5021108	Concrete Pavement (8 In. Non-Reinf.)	SY	90		
8	6069902	Bollard (Removalable)	EA	2		
9	6079903	Misc. (Pedestrian Fencing)	LF	380		
10	6079903	Misc. (4-Strand Barbed Wire Fence)	LF	1660		
11	6081012	Truncated Domes	SF	40		
12	6086004	Concrete Sidewalk, 4 In.	SY	10126		
13	6086008	Concrete Sidewalk, 8 In.	SY	41		
14	6089905	Misc. (Pigmenting & Texturing Concrete)	SY	101		

**ITEMIZED BID FORM CONTINUED**

ITEM NUMBER	PAY ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL COST
15	6169902	Misc. (ADA Compliant Moveable Barricade)	EA	3		
16	6200042	Preformed Thermoplastic Pavement Marking, 12 In. White, Yield Line Triangles	EA	16		
17	6209902	Misc. (30" Mid Block Crossing)	EA	5		
18	6274000	Contractor Furnished Surveying and Staking	LS	1		
19	7034212	Slab on Steel	SY	101		
20	7110400	Sacrificial Graffiti Protection System	LS	1		
21	7121159	Shear Connectors	EA	112		
22	7125100	Surface Preparation for Recoating Structural Steel	LS	1		
23	7125110	Field Application of Inorganic Zinc Primer	LS	1		
24	7125111	Intermediate Field Coat (System G)	LS	1		
25	7125112	Finish Field Coat (System G)	LS	1		
26	8051000A	Seeding - Cooling Season Grasses	ACRE	1.8		
27	8061003	Sediment Trap Excavation	CY	6		
28	8061004	Sediment Trap	CY	8		
29	8061016	Sediment Removal	CY	117		
30	8061006	Alternate Ditch Checks	LF	385		
31	8061019	Silt Fence	LF	7468		
32	8069902	Construction Entrance/Exit	EA	1		
33	8069902	Concrete Washout	EA	1		
34	9029902	Solar Powered Rectangular Rapid Flashing Beacon (RRFB)	EA	2		
35	9031241	Breakaway Assembly (Perforated Square Steel Tube)	EA	2		
36	9031270A	2 In. PSST Post - 12 GA.	LF	20		
37	9031271A	Driven Post Anchor For 2 In. PSST - 12 GA.	EA	2		
38	9035004A	SH-Flat Sheet	SF	9		
<b>TOTAL CONSTRUCTION COST</b>						



GENERAL NOTES

- 1) ALL IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH MDOT'S ENGINEERING POLICY GUIDE AND STANDARD SPECIFICATIONS FOR CONSTRUCTION AND WITH THE DETAILS IN THESE PLANS AND THE SPECIAL PROVISIONS IN THE CONTRACT DOCUMENTS.
- 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 RELATED DEBRIS SHALL BE INCLUDED IN THE CONTRACT AND NO ADDITIONAL COST WILL BE INCURRED BY THE OWNER.
- 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 CONTRACTOR IS ALSO RESPONSIBLE FOR PROTECTING ALL NEW WORK UNTIL THE COMPLETION OF THE CONTRACT. ANY ADDITIONAL COST FOR REPLACEMENT OF COMPLETED WORK PRIOR TO FINAL INSPECTION AND ACCURACY WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 4) REMOVAL OF PAVEMENT, SIDEWALK, CROSSING PANELS, RAILROAD STEEL, RAILROAD TIES, EARTHWORK, 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.
- 8) IN 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 CHANGE 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, SIGN POSTS, SHRUBS, TREES OR OTHER NATURAL OR MAN- MADE OBJECTS WHERE SHALLOW FILLS OR 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 WILL BE ALLOWED.
- 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 SEEDED, 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.
- 13) 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" OF MDOT'S "ENGINEERING POLICY GUIDE," INCLUDING ANY REVISIONS THERE TO.
- 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- 865- 3042, OZARKS TRANSPORTATION ORGANIZATION, 24 HOURS IN ADVANCE PRIOR TO THE START OF CONSTRUCTION FOR COORDINATION.
- 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.
- 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 THE CITY OF SPRINGFIELD TO PERFORM WORK ON CITY 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 ENGINEER AS TO 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.
- 2) 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 SEQUENCING WHICH COORDINATES WITH ALL UTILITY RELOCATION WORK. THE CONTRACTOR SHALL BE REQUIRED TO ADJUST THE SEQUENCE SCHEDULE OF WORK TO COORDINATE WITH THE RELOCATION SCHEDULE OF CONFLICTING 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 CONTRACTORS 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 SHALL BE REPAIRED 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.
- 10) WHERE EXCAVATION IS REQUIRED NEAR EXISTING POLES OR SUPPORTING DOWN CUY/ANCHORS, CONTRACTOR SHALL CONTACT CITY UTILITIES A MINIMUM OF TWO (2) DAYS PRIOR TO ANY EXCAVATION TO REVIEW/ASSESS AND SCHEDULE POLE SUPPORT, AS NECESSARY.
- 11) CONTRACTOR SHALL COMPLY WITH THE MISSOURI OVERHEAD POWERLINE SAFETY ACT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT CITY UTILITIES DEVELOPER SERVICES AT 417- 831- 8888 IF LINE COVERED IS NECESSARY ON CITY UTILITIES OVERHEAD FACILITIES.

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 TECHNICIANS. ALL TESTING LABORATORY EXPENSES SHALL BE PAID FOR BY THE CONTRACTOR.
- 2) 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) IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN ALL EROSION CONTROL DEVICES, INCLUDING ALL SILT FENCE, INLET CHECKS AND SEDIMENT TRAPS TO ENSURE THEY ARE IN PROPER WORKING CONDITION DURING THE DURATION OF CONSTRUCTION. SUCH WORK SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO ADDITIONAL COMPENSATION WILL BE MADE FOR MAINTENANCE ACTIVITIES.

SEDIMENT AND EROSION CONTROL GENERAL NOTES:

- 1) BEFORE ISSUANCE OF A CITY LAND DISTURBANCE PERMIT, A PRE- PERMIT MEETING SHALL BE HELD TO DISCUSS EROSION AND SEDIMENT CONTROL MEASURES AND CONSTRUCTION LIMITS. CALL THE ENVIRONMENTAL RESOURCE CENTER AT (417) 864- 1169 TO SCHEDULE.
- 2) AFTER ISSUANCE OF A CITY LAND DISTURBANCE PERMIT, CONSTRUCTION SHALL NOT BEGIN UNTIL THE CONTRACTOR NOTIFY'S THE STORMWATER QUALITY TECHNICIAN (417) 864- 1169 TO SCHEDULE THE INITIAL BMP INSPECTION. AFTER THE INSPECTION IS APPROVED AND A PERMIT IS ISSUED, CONSTRUCTION ACTIVITIES MAY BEGIN.
- 3) THIS PLAN SHOWS THE LOCATION AND DETAILS PRIMARY SEDIMENT CONTROLS TO BE CONSTRUCTED. THE CONTRACTOR OR THEIR REPRESENTATIVE IS RESPONSIBLE FOR CONTROLLING EROSION AND DISCHARGE OF SEDIMENT FROM THE SITE AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR OR THEIR REPRESENTATIVE SHALL PROVIDE NECESSARY BMPs DURING ALL PHASES OF CONSTRUCTION REGARDLESS OF WHETHER THEY ARE SPECIFICALLY NOTED ON THIS PLAN, INCLUDING BMP ADDITIONS OR CHANGES APPROVED BY THE ENGINEER, AND SHALL MAINTAIN AND REPLACE CONTROLS AS NECESSARY DURING CONSTRUCTION TO CONTROL EROSION AND MINIMIZE DISCHARGE OF THE SEDIMENT AND OTHER POLLUTANTS FROM THE SITE.
- 4) ALL EROSION AND SEDIMENT CONTROL BMPs SHALL BE INSTALLED AND MAINTAINED ACCORDING TO CHAPTER 16 OF THE CITY OF SPRINGFIELD'S GENERAL CONDITIONS AND TECHNICAL SPECIFICATIONS, AND AS SHOWN IN THE SWPPP.
- 5) THE CONTRACTOR OR THEIR REPRESENTATIVE IS RESPONSIBLE FOR INFORMING ALL PARTIES ON THE CONSTRUCTION SITE OF THE REQUIREMENTS AND OBJECTIVES OF THE SWPPP.
- 6) THE LIMITS OF CLEARING, GRADING, AND DISTURBANCE, AS SHOWN ON THE PLANS(S), SHALL BE KEPT TO A MINIMUM WITHIN THE APPROVED AREA OF CONSTRUCTION. ALL AREAS OUTSIDE THE LIMITS OF DISTURBANCE SHALL REMAIN TOTALLY UNDISTURBED. PHASING SHALL BE USED TO MINIMIZE THE AMOUNT OF DISTURBED AREA AT ANY GIVEN TIME.
- 7) A COPY OF THE SWPPP AND INSPECTIONS WILL BE KEPT DIGITALLY WITH THE WATER QUALITY INSPECTOR. COPIES CAN BE OBTAINED BY REQUEST.
- 8) ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS SHALL BE CLEANED AND SWEEP AT THE END OF EACH WORKING DAY AT A MINIMUM. MORE FREQUENTLY IF SEDIMENT TRACK OUT IS HEAVY. WASHING OF ACCUMULATED SEDIMENT INTO THE STORM DRAIN OR WATERWAYS IS PROHIBITED.
- 9) DUST SHALL BE CONTROLLED DURING CONSTRUCTION AND CONSTRUCTION AREAS SHALL BE WATERED WHENEVER CONDITIONS WARRANT.
- 10) SEDIMENT REMOVED FROM BMPs AND FACILITIES SHALL NOT BE PLACED ON STEEP SLOPES, WETLANDS, FLOODPLAINS OR DRAINAGE SWALES AND SHALL BE IMMEDIATELY STABILIZED, OR PLACED IN TOPSOIL STOCKPILES.
- 11) ALL PUMPING OF SEDIMENT LADEN WATER SHALL BE THROUGH AN APPROVED SEDIMENT CONTROL BMP, SUCH AS A PUMPED WATER FILTER BAG DISCHARGING OVER NON DISTURBED AREAS.
- 12) THE CONTRACTOR OR THEIR REPRESENTATIVE IS RESPONSIBLE FOR THE TEMPORARY PROTECTION AND STABILIZATION OF ALL SOIL STOCKPILES ON SITE AS WELL AS OFF- SITE BORROW AND FILL AREAS.
- 13) IMMEDIATELY UPON DISCOVERING UNFORESEEN CIRCUMSTANCES POSING THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT DEPOSITION, THE CONTRACTOR OR THEIR REPRESENTATIVE SHALL IMPLEMENT APPROPRIATE BEST MANAGEMENT PRACTICES TO ELIMINATE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT DEPOSITION.
- 14) THE CONTRACTOR OR THEIR REPRESENTATIVE SHALL STABILIZE ALL DISTURBED AREAS NOT SUBJECT TO CONSTRUCTION ACTIVITY WITHIN 14 CALENDAR DAYS AFTER ACTIVITY HAS CEASED. HOWEVER WITHIN THE RIPARIAN AREA, BANKS, ETC., SEEDING, MULCHING AND NEEDED FERTILIZATION SHOULD BE WITHIN THREE DAYS OF FINAL CONTOURING.
- 15) PERMANENT SWALES OR OTHER POINTS OF CONCENTRATED WATER FLOW SHALL BE STABILIZED WITHIN 7 CALENDAR DAYS OF ESTABLISHMENT WITH SOD OR SEED WITH APPROVED EROSION CONTROL MATTING OR BY OTHER APPROVED MEASURES.
- 16) ALL DISTURBED AREAS NOT RECEIVING OTHER PERMANENT STABILIZATION SUCH AS PAVEMENT, ROADS, SOD, ETC., SHALL BE SEEDED AND MULCHED, AS SPECIFIED IN THE SWPPP BEFORE TEMPORARY SEDIMENT CONTROLS CAN BE REMOVED AND PRIOR TO FINAL APPROVAL OF CONSTRUCTION.
- 17) AN AREA SHALL BE CONSIDERED TO HAVE ACHIEVED FINAL STABILIZATION WHEN IT HAS A MINIMUM UNIFORM 70% PERENNIAL VEGETATIVE COVER OR OTHER PERMANENT NON- VEGETATIVE COVER WITH A DENSITY SUFFICIENT TO RESIST ACCELERATED SURFACE EROSION AND SUBSURFACE CHARACTERISTICS SUFFICIENT TO RESIST SLIDING AND OTHER MOVEMENTS.
- 18) AFTER FINAL STABILIZATION HAS BEEN ACHIEVED, TEMPORARY EROSION AND SEDIMENTATION CONTROLS SHALL BE REMOVED. AREAS DISTURBED DURING REMOVAL OF THE CONTROLS SHALL BE STABILIZED IMMEDIATELY. THE CONTRACTOR OR THEIR REPRESENTATIVE MUST NOTIFY THE DEPARTMENT OF PUBLIC WORKS- STORMWATER DIVISION TO SCHEDULE A MEETING AT THE SITE TO REVIEW FINAL STABILIZATION MEASURES AND REMOVAL OF THE SEDIMENT AND EROSION CONTROLS.
- 19) SILT AND DEBRIS MUST BE REMOVED FROM STORM DRAINS, CONVEYANCE CHANNELS, BASINS OR ANY PART OF THE STORMWATER SYSTEM PRIOR TO FINAL SITE STABILIZATION APPROVAL.
- 20) THE FOLLOWING WILL BE IMPLEMENTED ACCORDING TO LOCAL, STATE, AND FEDERAL REGULATIONS: LIQUID AND SOLID WASTE MANAGEMENT, CHEMICAL AND MATERIAL DELIVERY AND STORAGE, CONCRETE WASTE, PAINTING AND DRYWALL WORK, VEHICLE FUELING, MAINTENANCE AND CLEANING, ASPHALT, SAWCUTTING, CORING, AND GRINDING ACTIVITIES, BUILDING BLASTING AND CLEANING, CEMENT, GROUT AND MORTAR WORK, SANITARY AND SEPTIC WASTES, WATER LINE DISINFECTION, FLUSHING, DEWATERING, AND OTHER NON- STORMWATER DISCHARGES, HAZARDOUS WASTE MANAGEMENT, AND PROHIBITED DISCHARGES
- 21) CONTRACTOR OR THEIR REPRESENTATIVE SHALL CLOSE OUT THEIR CITY LAND DISTURBANCE PERMIT AT THE END OF CONSTRUCTION ACTIVITIES AND AFTER FINAL STABILIZATION MEASURE AND REMOVAL OF TEMPORARY EROSION AND SEDIMENT CONTROLS HAVE BEEN REVIEWED.
- 22) ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE PROVISIONS OF DIVISION 5 OF CHAPTER 96 OF THE SPRINGFIELD CITY CODE.
- 23) CONTRACTOR OR THEIR REPRESENTATIVE SHALL MEET ALL OTHER STATE AND FEDERAL CLEAN WATER REQUIREMENTS.
- 24) ALL CHANGES TO THE EROSION & SEDIMENT CONTROL PLAN AND/OR PHASING PLAN MUST BE APPROVED BY THE ENGINEER.

SURVEY NOTES

- 1) THE SURVEY SHOWN ON THE PLANS IS THE BEST DATA AVAILABLE TO THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE TO FIELD VERIFY THE SITE, INCLUDING BUT NOT LIMITED TO EARTHWORK QUANTITIES.

REVISED  
03/31/2023

SUMMARY OF QUANTITIES			
PAY ITEM #	Item	Unit	QTY
2022010	Removal of Improvements	LS	1
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7110400	Sacrificial Graffiti Protection System	LS	1
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7125100	Surface Preparation for Recoating Structural Steel	LS	1
7125110	Field Application of Inorganic Zinc Primer	LS	1
7125111	Intermediate Field Coat (System G)	LS	1
7125112	Finish Field Coat (System G)	LS	1
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8061004	Sediment Trap	CY	8
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9031270A	2 In. PSST Post - 12 GA.	LF	20
9031271A	Driven Post Anchor For 2 In. PSST - 12 GA.	EA	2
9035004A	SH-Flat Sheet	SF	9



License No. 184-000613  
CONSULTANTS



THIS SHEET HAS BEEN  
SIGNED, SEALED AND  
DATED ELECTRONICALLY



FINAL PLANS

CHADWICK FLYER  
TRAIL - PHASE III

OWNER



1	3/31/2023	REVISED QUANTITIES
MARK	DATE	DESCRIPTION

PROJECT NO:	STBG - 5901 (822)
CAD DWG FILE:	02_GEN NOTES & QTYs.dwg
DESIGNED BY:	RTS
DRAWN BY:	MWD
CHECKED BY:	RTS
APPROVED BY:	RTS
COPYRIGHT: CRAWFORD, MURPHY & TILLY, INC. 2023	

SHEET TITLE

GENERAL NOTES &  
SUMMARY OF QUANTITIES

DATE: 01/06/2023

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