

MEMORANDUM

TO: All Plan Holders
FROM: City of Ozark
PROJECT: Chadwick Flyer Trail
DATE: December 9, 2021
SUBJECT: Addendum No. 2
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:

Questions were previously brought up regarding the earthwork quantities. After further review, these quantities have been revised as part of Addendum #2.

Attachments: Bid Book, Plan Sheets (2 & 39)

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

End of Addendum No. 2

ADDENDUM #2 – 12/9/2021

**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 _____

Bidder Address _____

**FOR
CHADWICK FLYER TRAIL**

**Christian County
Ozark, Missouri**

- (17) **PROJECT AWARD:** This project will be awarded to the lowest, responsive, responsible bidder.
- (18) **MATERIALS INSPECTIONS:** 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.
- (19) **PRIME CONTRACTOR REQUIREMENTS:** The limitation in Sec 108.1.1 of the Missouri Standard 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) **SALES AND USE TAX EXEMPTION: 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) **INSTRUCTIONS TO BIDDERS**

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

The undersigned acknowledges receipt of the following addenda:

Addendum No. 1 , Dated 12/8/2021 , Date Received _____

Addendum No. 2 , Dated 12/9/2021 , Date Received _____

Addendum No. _____, Dated _____, Date Received _____

Addendum No. _____, Dated _____, Date Received _____

Addendum No. _____, Dated _____, Date Received _____

BIDDER NAME: _____

ITEMIZED BID FORM

ITEM NUMBER	PAY ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL COST
1	203000	CLEARING AND GRUBBING	ACRE	2		
2	2022010	REMOVAL OF IMPROVEMENTS	LS	1		
3	2035000	UNCLASSIFIED EXCAVATION	CY	3,768		
4	2035500	EMBANKMENT IN PLACE	CY	500		
5	2036000	COMPACTING EMBANKMENT	CY	3,682		
6	2063000	CLASS 3 EXCAVATION	CY	10		
7	3040504	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)	SY	4,605		
8	3101003	GRAVEL (A)	SY	5		
9	502108	CONCRETE PAVEMENT, 8 IN. NONREINF.	SY	213		
10	6042010	ADJUSTING MANHOLE	EA	1		
11	6044012	PIPE COLLAR, TYPE B	EA	1		
12	6069902	BOLLARD	EA	1		
13	6079903	PEDESTRIAN FENCING	LF	436		
14	6086004	CONCRETE SIDEWALK, 4 IN.	SY	4,510.5		
15	6086008	CONCRETE SIDEWALK, 8 IN.	SY	72.6		
16	6089905	BOX CULVERT OVERLAY	SY	409		
17	6081012	TRUNCATED DOMES	SF	72		
18	6089903	SIDEWALK HAND-RAILING WITHOUT BALUSTERS (BLACK POWDER COATED)	LF	112		
19	6099903	CURB WALL	LF	70		
20	6143010	MANHOLE FRAME AND COVER, TYPE 1A	EA	10		
21	6161005	CONSTRUCTION SIGNS	SF	49		
22	6161030	TYPE III MOVEABLE BARRICADE	EA	12		
23	6181000	MOBILIZATION	LS	1		
24	6200009	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 6 IN. WHITE	LF	126.0		
25	6274000	CONTRACTOR FURNISHED SURVEYING AND STAKING	LS	1		
26	7039903(1)	8'X10' BOX CULVERT EXTENSION	LF	710		
27	7039903(2)	5'X5' BOX CULVERT	LF	56.0		
28	710400	SACRIFICIAL GRAFFITI PROTECTION SYSTEM - PEDESTRIAN BOX CULVERT	LS	1		
29	7201000	MECHANICALLY STABILIZED EARTH WALL SYSTEMS	SF	226		
30	7250315A	15 IN. PIPE GROUP B	LF	95		
31	7250324A	24 IN. PIPE GROUP B	LF	28		
32	7250330A	30 IN. PIPE GROUP B	LF	2		

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33	7259903	3 FT. BY 2 FT. ELLIPTICAL PIPE	LF	18		
34	7310048	PRECAST CONCRETE MANHOLE - 48 IN.	FT	11		
35	7319913	5'X5' AREA INLET	EA	1		
36	7322015A	BEVELED END PIPE TREATMENT FOR 15 IN. OR ALLOWED SUBSTITUTE PIPE	EA	8		
37	7329902	BEVELED PIPE END TREATMENT FOR 3 FT. BY 2 FT. OR ALLOWED SUB	EA	1		
38	8051000A	SEEDING - COOL SEASON MIXTURES	AC	4		
39	8061003	SEDIMENT TRAP EXCAVATION	CY	5		
40	8061004	SEDIMENT TRAP	CY	25		
41	8061005	ROCK DITCH CHECK	LF	128		
42	8061016	SEDIMENT REMOVAL	CY	22		
43	8061019	SILT FENCE	LF	4,405		
44	8064411	TYPE 4 EROSION CONTROL BLANKET	SY	568		
45	9012230	LIGHTING CONTROLLER, 100A, 120/240V, 1-PHASE, 3-WIRE	EA	1		
46	9016110	PULL BOX, PREFORMED CLASS 1	EA	2		
47	9019902(1)	TRAIL LIGHT POLE	EA	6		
48	9019902(2)	SURFACE MOUNT LIGHT FIXTURE	EA	9		
49	9019902(3)	8"X8"X6" NEMA 4X JUNCTION BOX	EA	4		
50	9019902(4)	ELECTRIC SERVICE INSTALLATIONS	EA	1		
51	9019903(1)	1" PVC SCH. 40 CONDUIT, IN TRENCHING	LF	667		
52	9019903(2)	3/4" PVC COATED RIGID GALVANIZED STEEL CONDUIT	LF	385		
53	9019903(3)	1" PVC COATED RIGID GALVANIZED STEEL CONDUIT	LF	20		
54	9019903(4)	2" PVC RIGID GALVANIZED STEEL CONDUIT	LF	172		
55	9028202	CABLE, 2 AWG 1CONDUCTOR, POWER	LF	550		
56	9028206	CABLE, 6 AWG 1CONDUCTOR, POWER	LF	185		
57	9017208	WIRE, 8 AWG, BARE NEUTRAL	LF	1850		
58	9028100	CABLE, 10 AWG 1CONDUCTOR, POLE AND BRACKET	LF	2,440		
59	9028219	CABLE, 10 AWG 1CONDUCTOR, POWER	LF	570		
60	9029901	BLACK POWDERCOAT SIDEWALK HAND-RAILS	LS	1		
61	9039901	SIGNING	LS	1		
62	9109901	INSTALLATION OF PROVIDED SECURITY CAMERA	LS	1		
TOTAL CONSTRUCTION COST						

GENERAL NOTES

- 1) ALL IMPROVEMENTS IN THE CITY OF OZARK'S RIGHT-OF-WAY SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITION OF THE "DESIGN STANDARDS FOR PUBLIC IMPROVEMENTS" AND "CONSTRUCTION SPECIFICATIONS FOR PUBLIC IMPROVEMENTS" ADOPTED 2017, ISSUED BY THE CITY OF OZARK, MISSOURI AND WITH THE DETAILS IN THESE PLANS AND THE SPECIAL PROVISIONS IN THE CONTRACT DOCUMENTS. ALL IMPROVEMENTS IN MODOOT RIGHT-OF-WAY SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITION OF THE MISSOURI STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
- 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, 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 CONTRACTOR'S 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 SEEDDED, 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 MODOOT'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 417-581-1702, 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 MODOOT 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, SEEDDED 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 CONTRACTOR'S 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 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.

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) 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 THE 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 TO THE CONTRACT. THE COST OF MAKING STORM SEWER CONNECTIONS TO EXISTING DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE VARIOUS CONTRACT UNIT PRICES FOR STORM SEWER.
- 6) 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.

2

1

SUMMARY OF QUANTITIES

ITEM NUMBER	PAY ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY
1	2013000	CLEARING AND GRUBBING	ACRE	2
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60	9029901	BLACK POWDERCOAT SIDEWALK HAND-RAILS	LS	1
61	9039901	SIGNING	LS	1
62	9109901	INSTALLATION OF PROVIDED SECURITY CAMERA	LS	1



License No. 184-000613

CONSULTANTS



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

FINAL PLANS

CHADWICK FLYER TRAIL

OWNER



1	12/8/21	REVISED SUMMARY OF QUANTITIES
2	12/9/21	REVISED SUMMARY OF QUANTITIES - EARTHWORK
MARK	DATE	DESCRIPTION

PROJECT NO: STBG - 9901 (827)
 CAD DWG FILE: 02_GEN NOTES & SUMMARY OF QUANTITIES.dwg
 DESIGNED BY: RTS
 DRAWN BY: MWD
 CHECKED BY: RTS
 APPROVED BY: RTS
 COPYRIGHT: CRAWFORD, MURPHY & TILLY, INC. 2018

GENERAL NOTES & SUMMARY OF QUANTITIES



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

FINAL PLANS

CHADWICK FLYER TRAIL

OWNER



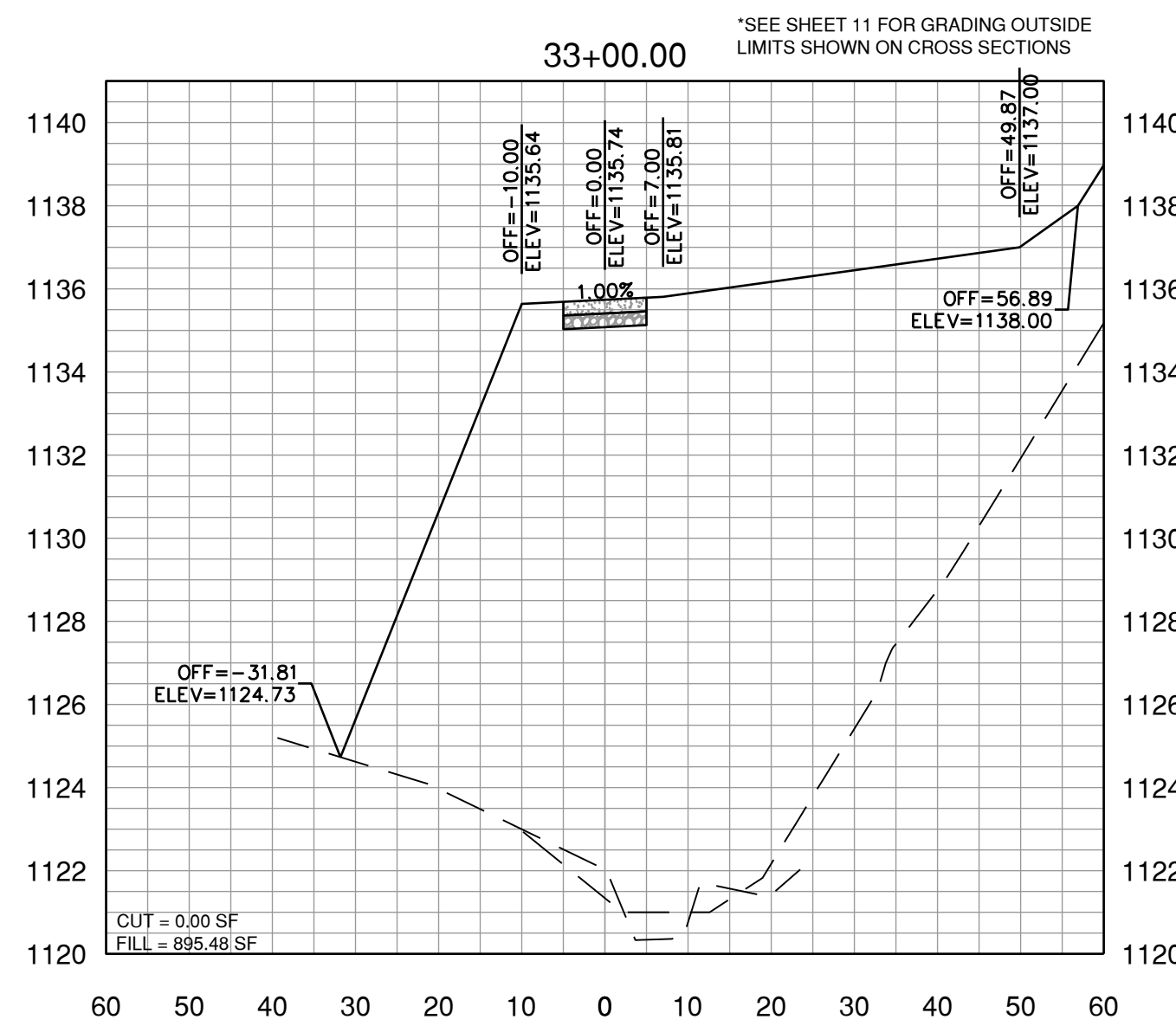
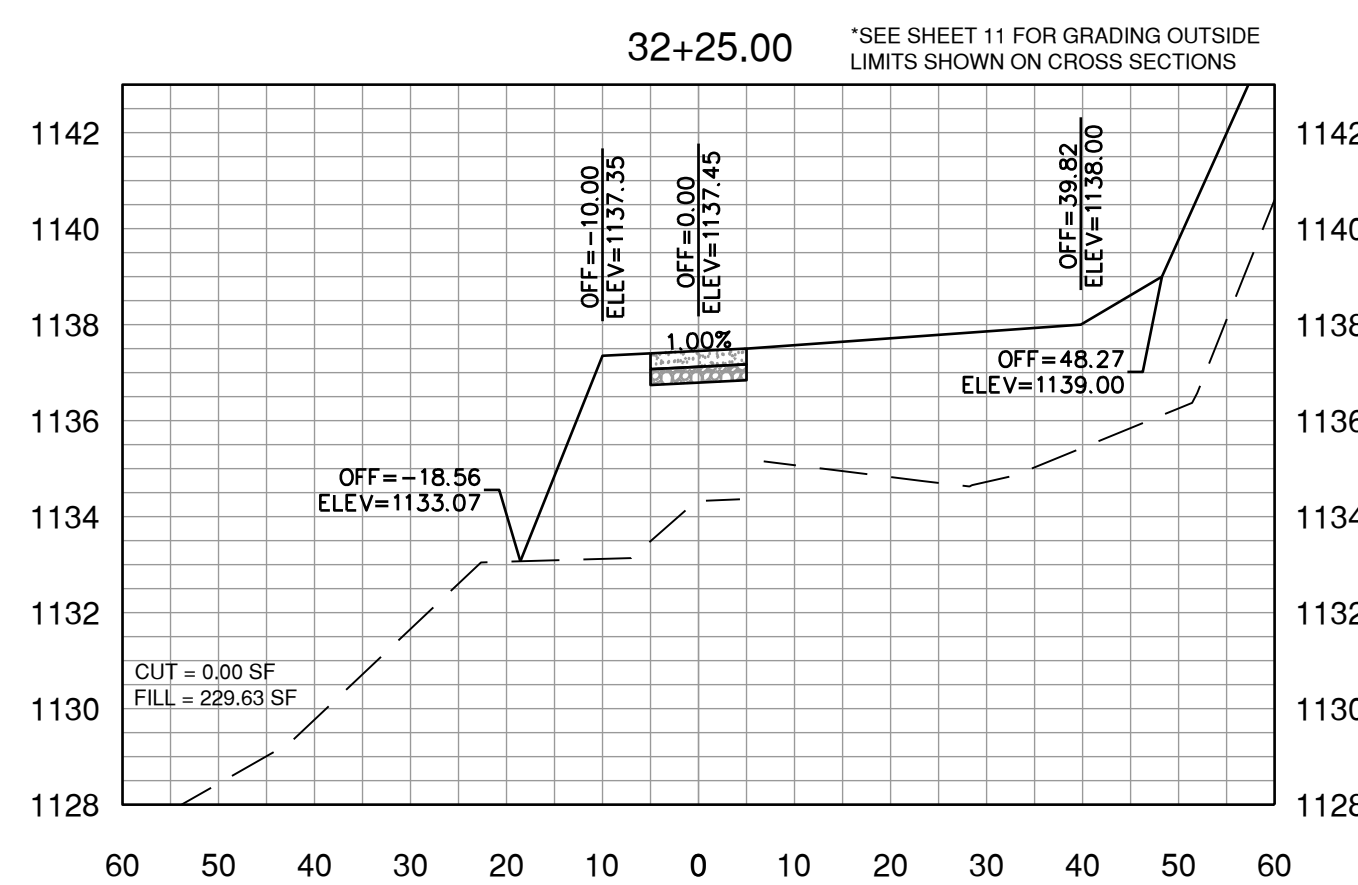
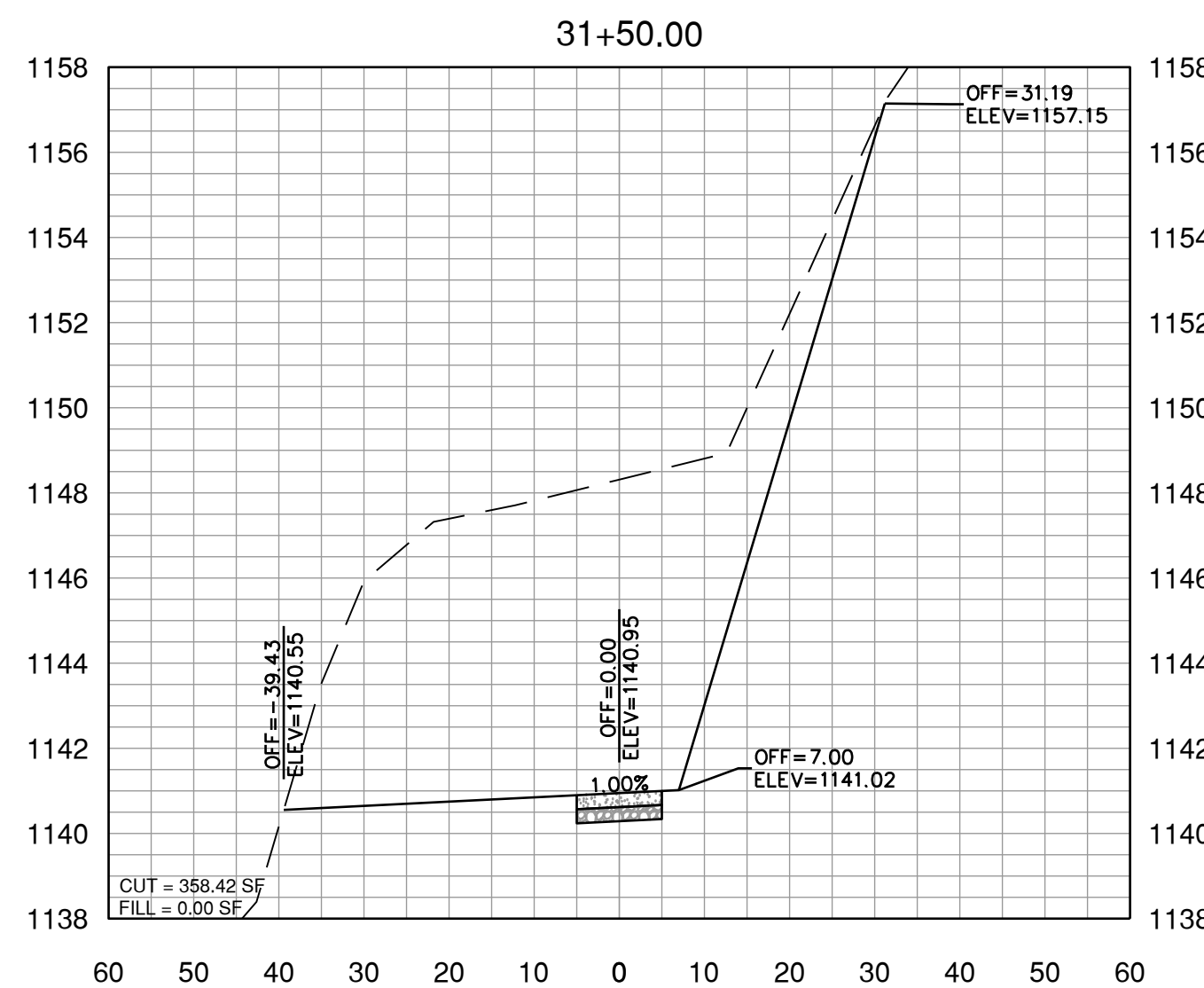
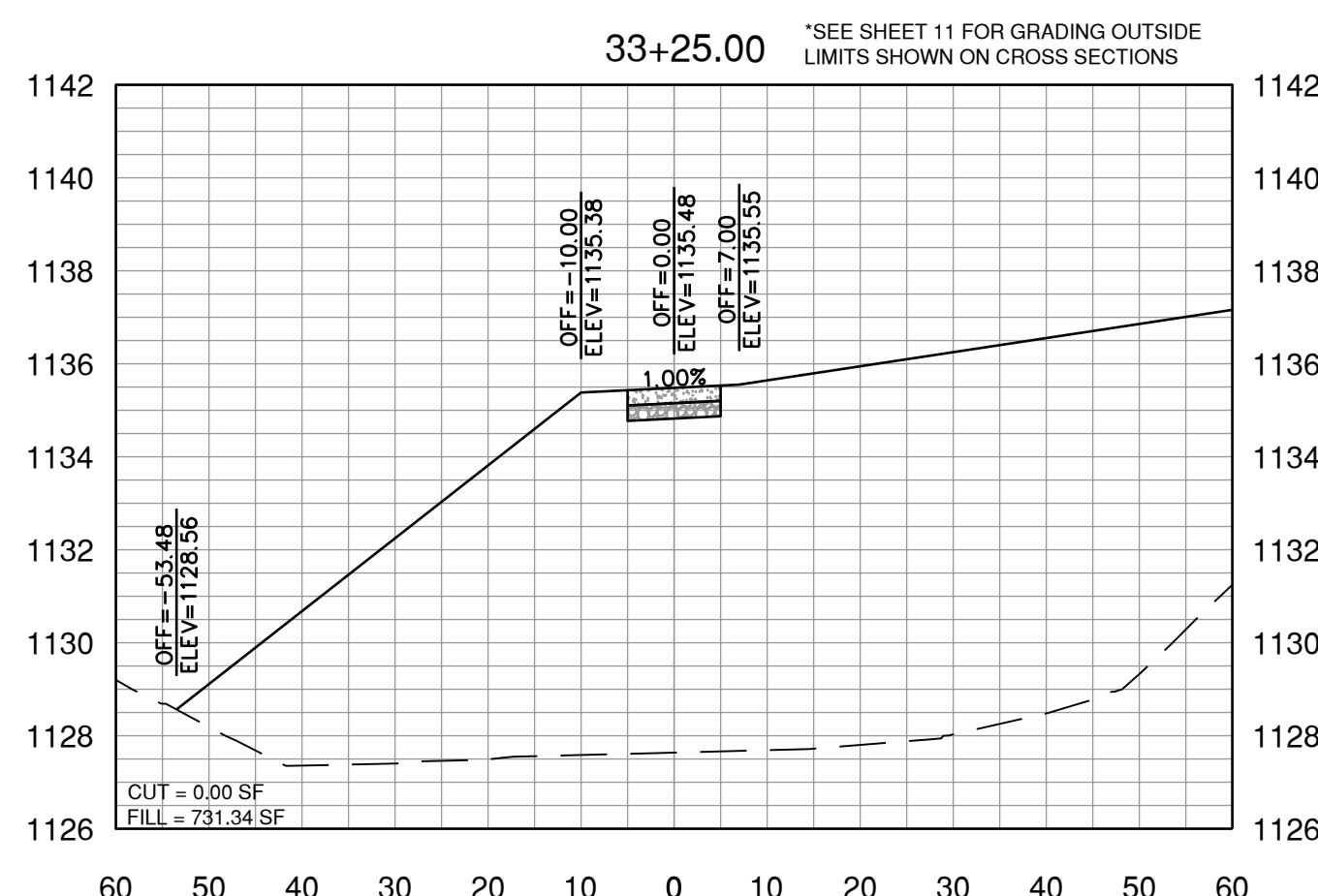
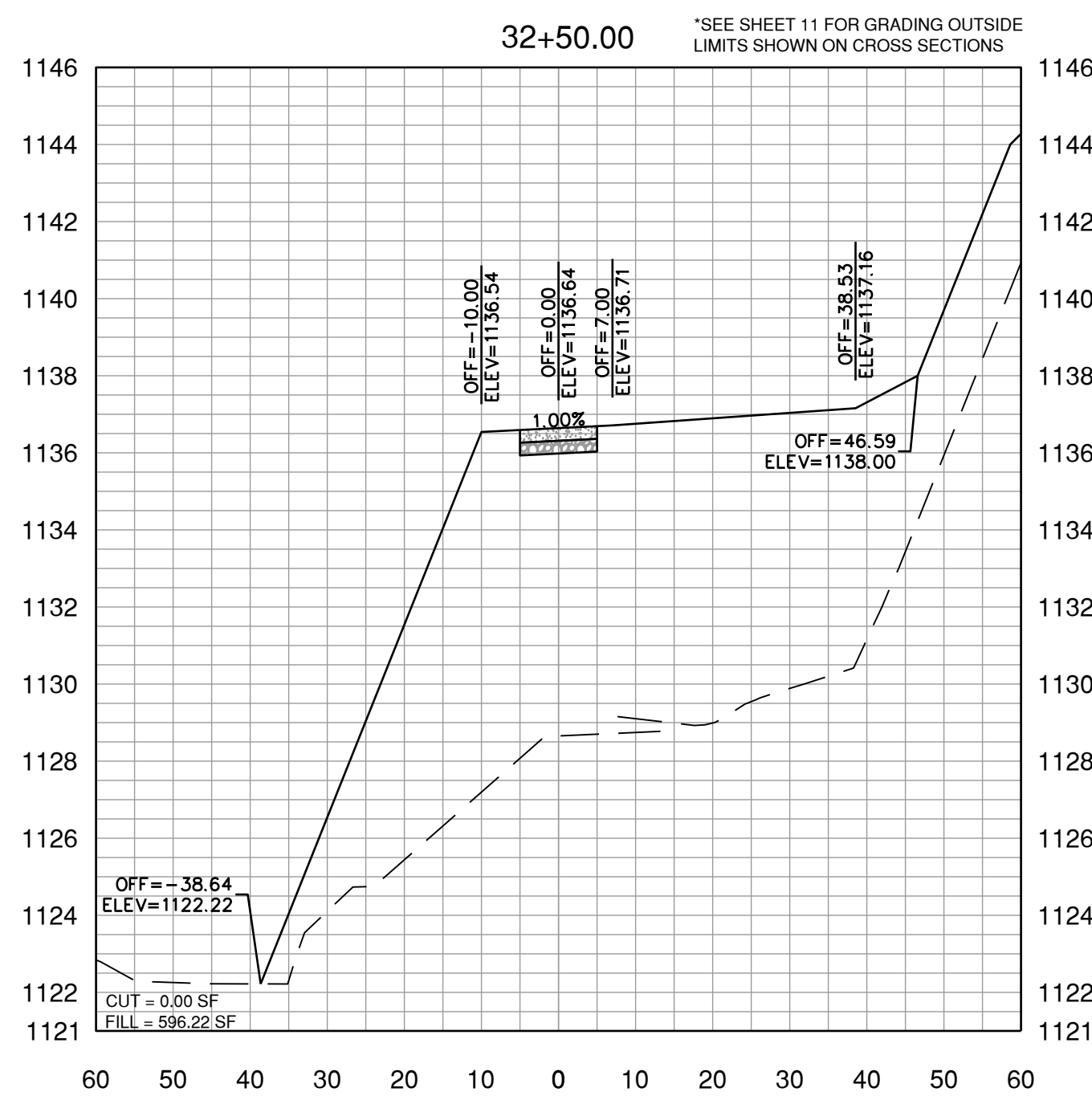
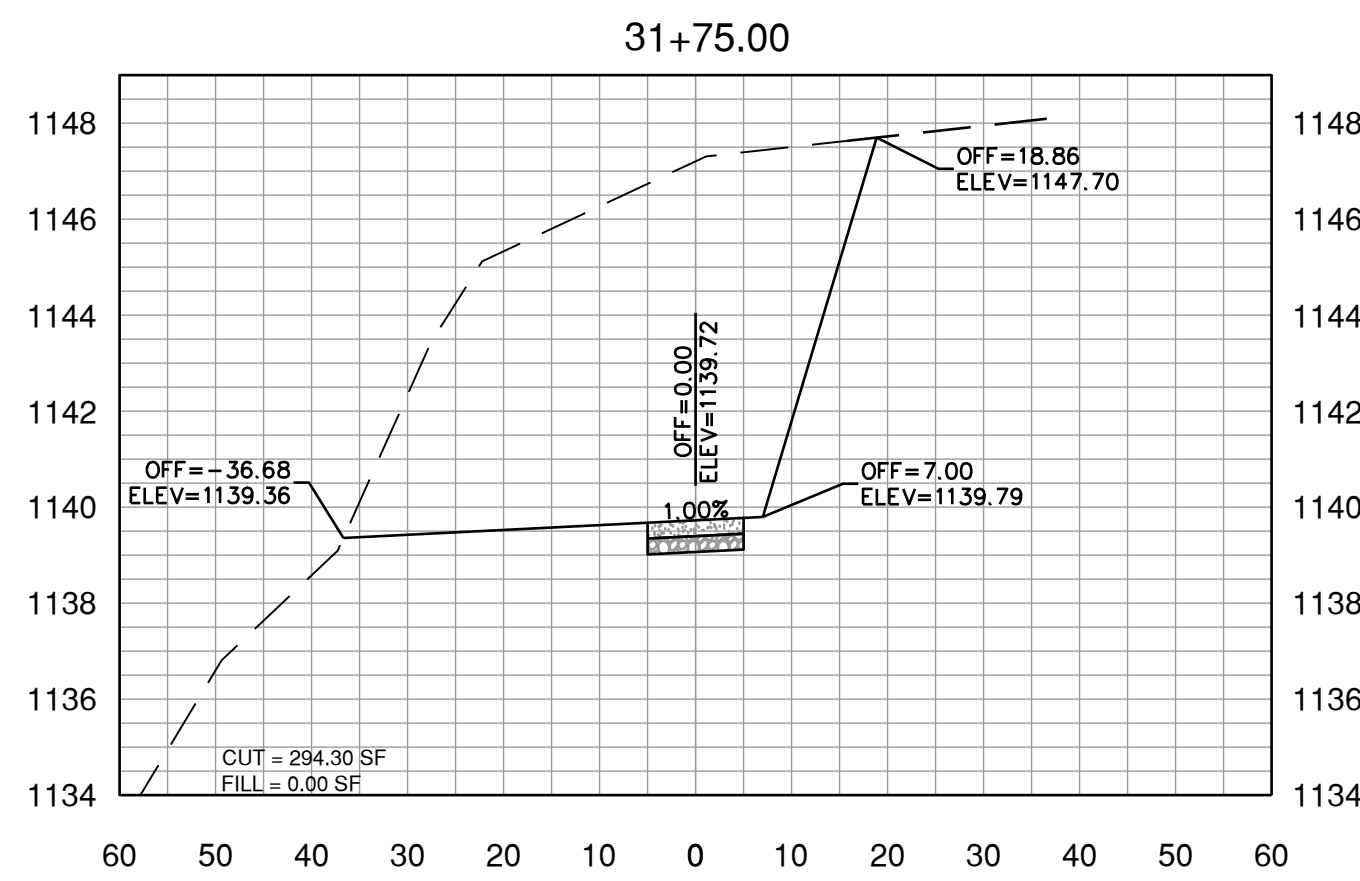
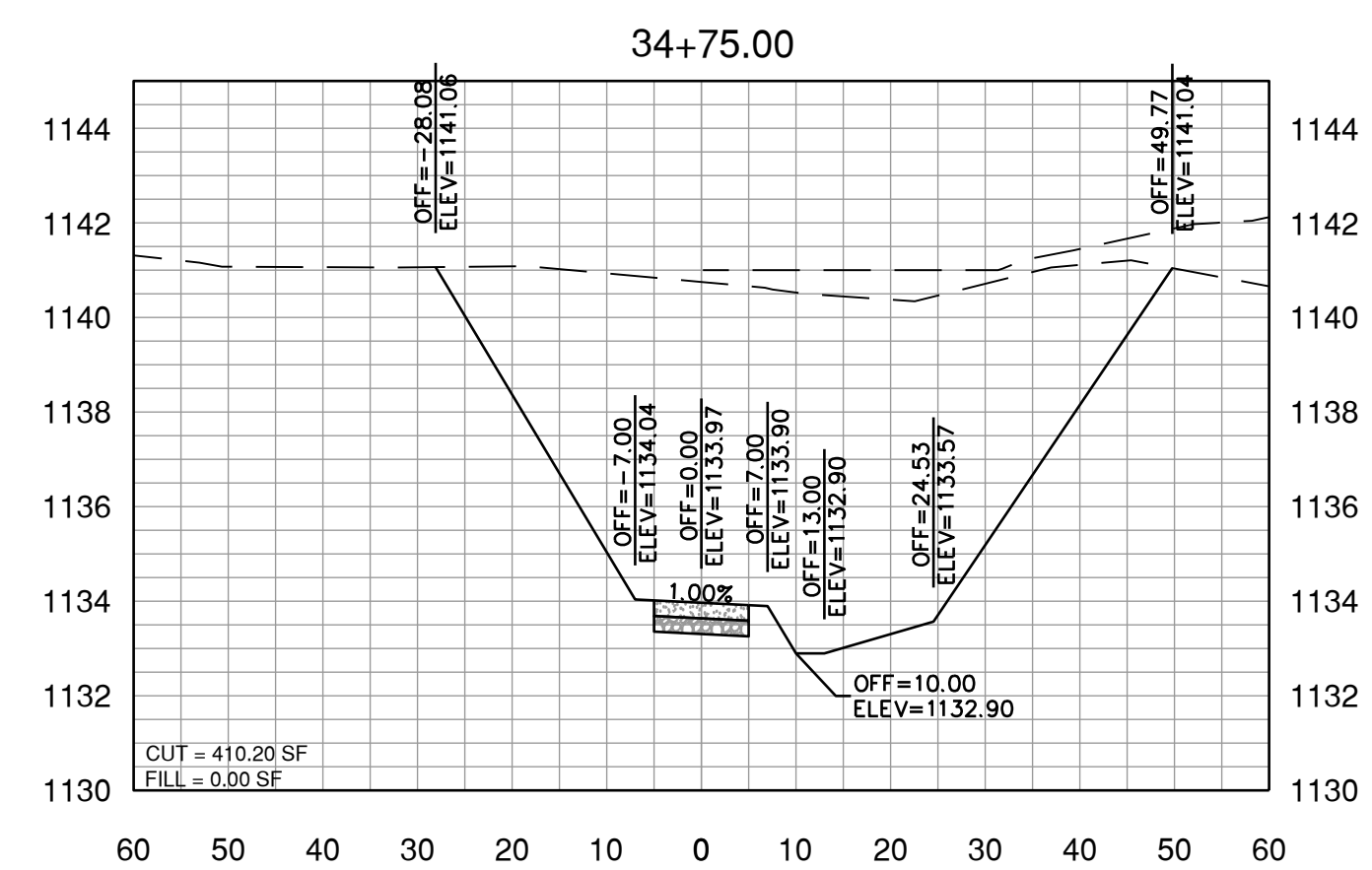
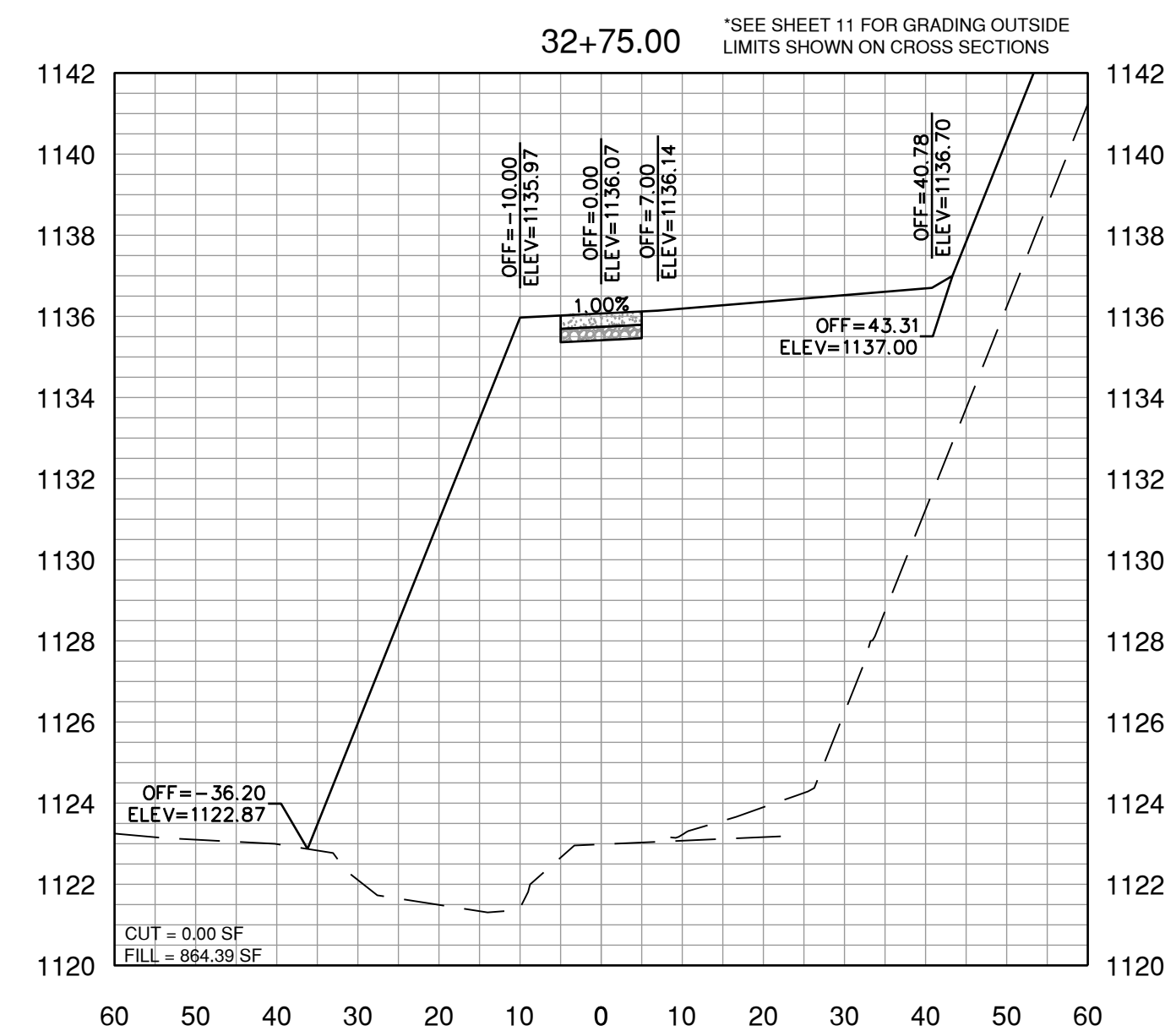
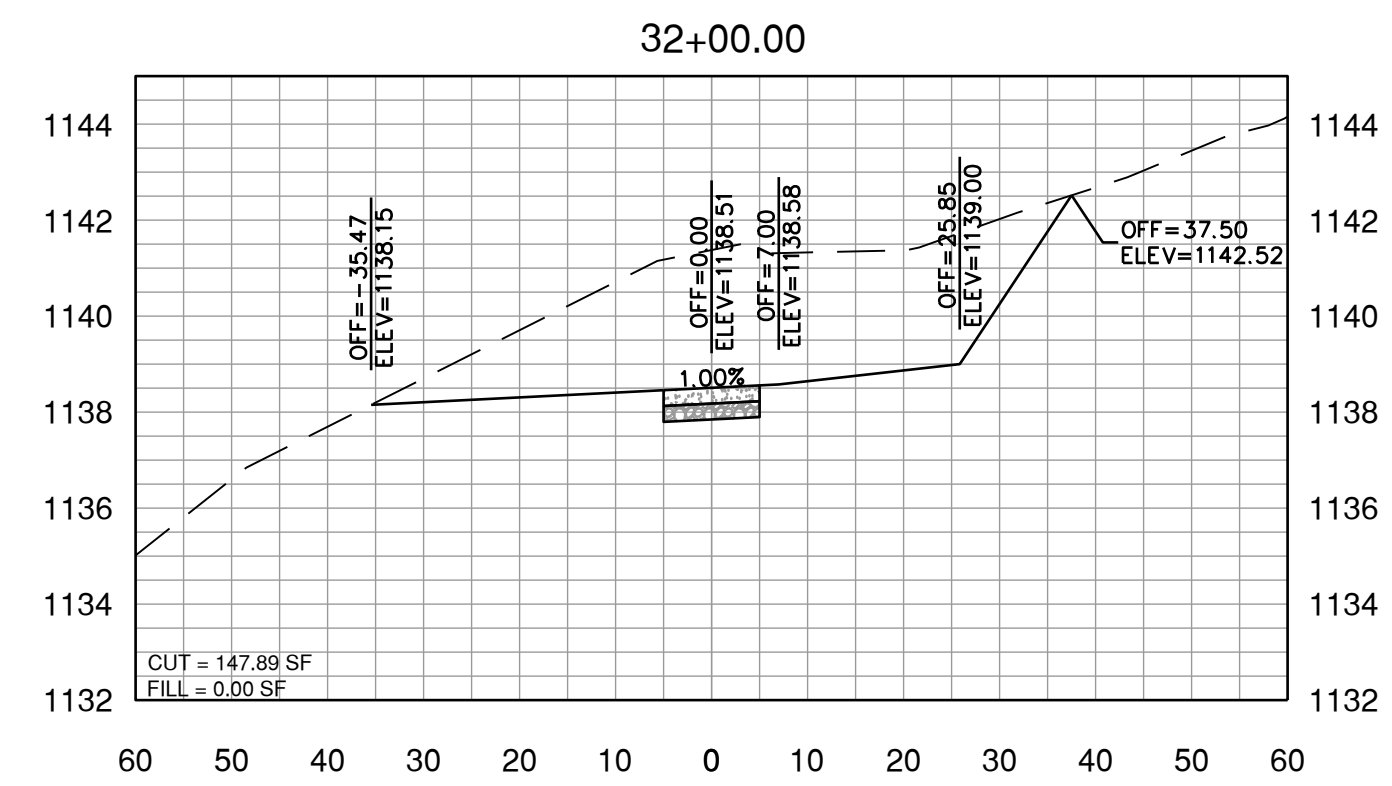
2	12/9/21	REVISED NOTE
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MARK	DATE	DESCRIPTION
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PROJECT NO:	STBG - 9901 (827)
CAD DWG FILE:	25 CHADWICK FLYER TRAIL CROSS SECTIONS.dwg
DESIGNED BY:	RTS
DRAWN BY:	MWD
CHECKED BY:	RTS
APPROVED BY:	RTS
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SHEET TITLE

CHADWICK FLYER TRAIL CROSS SECTIONS



*EXISTING SURFACE SURVEYED PRIOR TO THE ROUTE 14 WIDENING PROJECT. EARTHWORK QUANTITIES JUST NORTH AND SOUTH OF ROUTE 14 SHALL BE FIELD VERIFIED.