

ADDENDUM NO. 2

DATE: March 7, 2024

FROM: WSP
300 Wyandotte, Suite 200
Kansas City, MO 64105
Phone 816-702-4244
Email: sam.stallbaumer@wsp.com

TO: Prospective Bidders and Suppliers (All current plan holders)
Eric M. Johnson, President and Director of Airports, MTAA
Andrea McKinnie, Federal Aviation Administration

RE: **Addendum No. 2**
Metropolitan Topeka Airport Authority
Reconstruct Lower Taxiway Alpha-Delta
Topeka Regional Airport
AIP Project No. 3-20-0113-047

This addendum forms an integral part of the Contract Documents and modifies the original Contract Documents dated January 16, 2024, as noted below. Each bidder must acknowledge the receipt of this addendum in the space provided on the BID FORM. **Failure to do so may subject the bidder to be disqualified from bidding.**

PLEASE NOTE THAT THE BID OPENING IS CHANGED TO APRIL 23rd, 2024.

GENERAL

1. A pre-bid video conference, link below, for this project will be held on **Tuesday April 9, 2024 at 2:00PM**. Representatives of the Owner and the Engineer will be present to answer questions. Attendance at the pre-bid conference is **mandatory**.

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PROJECT MANUAL

1. **Request for Bidders (RFB):** Remove existing section and replace with the attached revised section.
2. **Notice to Bidders (NTB):** Remove existing section and replace with the attached revised section.
3. **Instructions to Bidders (ITB):** On page ITB-6 of 10, SUBMISSION OF BIDS, change the bid opening date to “April 23, 2024”.
4. **Proposal Form (PF):** Remove existing section and replace with the attached revised section. An excel version of the Proposal Form is available, please contact Sam Stallbaumer at sam.stallbaumer@wsp.com to obtain.
5. **P-101 Preparation/Removal of Existing Pavements:** on Page P-101-5 of 6, Section 101-5.1, add “Item P-101-5.7 Type D Pavement Removal – per square yard”.

PLANS

1. **G0.02 Summary of Quantities:** Remove existing sheet and replace with the attached revised sheet.
2. **GC0.01 Construction Safety & Phasing Plan - Overall:** Remove existing sheet and replace with the attached revised sheet.
3. **CA2.02 Existing Taxiway Echo Plan and Profile:** Remove existing sheet and replace with the attached revised sheet.
4. **CA5.02 Typical Pavement Sections Sheet 2 Of 2:** Remove existing sheet and replace with the attached revised sheet.
5. **CG1.00 Grading and Drainage Key Plan:** Remove existing sheet and replace with the attached revised sheet.
6. **CG1.01 Grading and Drainage Plan 1 of 6:** Remove existing sheet and replace with the attached revised sheet.
7. **UD2.06 Taxiway Echo Underdrain Plan and Profile:** Remove existing sheet and replace with the attached revised sheet.
8. **CE5.01 Temporary Erosion Control Details Sheet 1 of 5:** Remove existing sheet and replace with the attached revised sheet.
9. **CX3.00 Cross Section Overview Plan:** Remove existing sheet and replace with the attached revised sheet.
10. **CX3.03 Taxiway Echo Cross Sections Sheet 1 of 2:** Remove existing sheet and replace with the attached revised sheet.
11. **CX3.04 Taxiway Echo Cross Sections Sheet 2 of 2:** Remove existing sheet and replace with the attached revised sheet.
12. **E5.01 Airfield Electrical Details:** Remove existing sheet and replace with the attached revised sheet.

QUESTION AND ANSWER

- Q1.** The P-401 spec calls for a recommended minimum lift thickness of 2”. The mill/overlay area calls for 3” of asphalt, which would normally be 2 – 1.5” thick lifts, but those thicknesses would be out of the recommended specification thickness. Should the mill & overlay section be 4” so we can put down two 2” lifts? A 4” mill and overlay would also match up better with the lift thicknesses on the shoulder paving. Would you please clarify if less than a 2” lift will be acceptable for the mill & overlay?
- A1.** Plans and quantities now indicate a 4” mill and overlay.

- Q2.** Item #20 asphalt mix pavement – overlay quantity. Somewhat related to the previous question, our take-off for this item comes out to 4,581 tons, and not the 6,060 tons on the bid form. It appears that the quantity was calculated at 4” instead of 3”?
- A2.** Quantities have been adjusted.
- Q3.** The specs have section C-100 for the CQCP, but there is not an associated bid item for it. Is that something that can be added, or is it subsidiary to other items?
- A3.** No payment will be made separately or directly for Contractor Quality Control Program (CQCP). CQCP shall be considered necessary and incidental to the work of this Contract. See C-100, paragraph 100-14.
- Q4.** Some of the new lights and conduit are in the new paved shoulder. Is it correct to assume that no trenching or boring of the conduits, or coring for the new light assemblies will be allowed after asphalt is placed? In other words, the LTSG, Agg base, and asphalt operations will need to work around the lighting conduit and cans.
- A4.** No trenching will be allowed in the top 2” asphalt lift. The LTSG should be placed prior to the lighting system. Means and methods of the installation of the lighting system is the responsibility of the contractor
- Q5.** I had another question come up from a supplier I wanted to pass along. I’m being told that the filter fabric that’s specified in P-307-2.8 is not made in the U.S. Is that what you’ve seen on previous projects, or is there an approved alternate that will be acceptable?
- A5.** A specific manufacture is not specified in P-307-2.8, just the minimum properties for the product. We believe that there are still manufactures in the USA.
- Q6.** I had a question regarding the Alpha-Delta Taxiway project. Sheet CD1.00 lists out the different types of pavement removal, Types A through D. There are bid quantities for Types A through C, but not for Type D. Is Type D included in one of the other removal types?
- A6.** Type D Pavement Removal has been added to the Proposal and the P-101 Specification.
- Q7.** On Sheet CE5.01 we have the following questions.
1. The type of Temporary Fertilizer is not provided.
 2. The Acres shown is 42.85 which does not match the Bid Quantity of 21 Acres.
 3. The schedule seems to indicate that hay mulch would be used since Mulch Tacking Slurry is shown. This conflicts with Item T-908 which states that hydraulic mulch shall be used.
- A7.** Temporary fertilizer shall be the same as shown in T-901-2.3, 12-12-12. Sheet CE5.01 has been revised.
- Q8.** We are having trouble reconciling some of the underdrain outlet quantities. Using the information provided on Sheet CG5.01. We assume the Laterals are the non-perforated pipe. However, we get a total of only 174.47 feet instead of the Bid Quantity of 450 feet. We can only find 24 cleanouts on the Plan Views as opposed to the Bid Quantity of 28.
- A8.** The laterals are non-perforated pipe. Quantities have been updated.

ATTACHMENTS

The following documents are attached to this Addendum:

1. Request for Bidders (RFB), 2 pages
2. Notice to Bidders (NTB), 2 pages
3. Proposal Form (PF), 12 pages
4. G0.02 Summary of Quantities
5. GC0.01 Construction Safety & Phasing Plan – Overall

6. CA2.02 Existing Taxiway Echo Plan and Profile
7. CA5.02 Typical Pavement Sections Sheet 2 of 2
8. CG1.00 Grading and Drainage Key Plan
9. CG1.01 Grading and Drainage Plan 1 of 6
10. UD2.06 Taxiway Echo Underdrain Plan and Profile
11. CE5.01 Temporary Erosion Control Details Sheet 1 of 5
12. CX3.00 Cross Section Overview Plan
13. CX3.03 Taxiway Echo Cross Sections Sheet 1 of 2
14. CX3.04 Taxiway Echo Cross Sections Sheet 2 of 2
15. E5.01 Airfield Electrical Details

Bidders are reminded to acknowledge receipt of this addendum on their bid proposal form.

ISSUED BY: _____



Sam Stallbaumer, PE
WSP USA Inc.

END OF ADDENDUM NO. 2

REQUESTS FOR BIDS / INVITATION FOR BIDS
(Advertisement)

METROPOLITAN TOPEKA AIRPORT AUTHORITY
RECONSTRUCT LOWER TAXIWAY ALPHA-DELTA
TOPEKA REGIONAL AIRPORT
TOPEKA, KANSAS
AIP PROJECT NO. 3-20-0113-047

Sealed bids will be received until **2:00 PM (CST) April 23, 2024**, and then publicly opened and read at **Metropolitan Topeka Airport Authority Administrative Offices, 6510 SE Forbes Avenue, Suite # 1, Topeka, Kansas 66619** for furnishing all labor, materials and equipment and performing all work necessary for **Reconstruct Lower Taxiway Alpha-Delta, Topeka Regional Airport, Topeka, Kansas, AIP Project No. 3-20-0113-047**.

Copies of the bid documents including project drawings and technical specifications are on file and may be inspected at:

Metropolitan Topeka Airport Authority
6510 SE Forbes Avenue, Suite # 1
Topeka, KS 66619

A “pdf” copy of the project construction drawings and project manual will be provided via e-mail to prospective bidders upon request and at no cost by contacting the project manager at the address provided below or via e-mail. Printing of the project documents from the pdf file are to be borne by the prospective bidder.

Sam Stallbaumer, PE, Project Manager
WSP USA
300 Wyandotte, Suite 200
Kansas City, Missouri 64105
TEL: 816-702-4244
MOB: 210-867-6532
E-Mail: sam.stallbaumer@wsp.com

A pre-bid **video conference**, link below, for this project will be held on **Tuesday April 9, 2024 at 2:00PM**. Representatives of the Owner and the Engineer will be present to answer questions. Attendance at the pre-bid conference is **mandatory**.

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Each proposal must be accompanied by a bid guarantee in the amount of five (5) percent of the total amount of the bid. The bid guarantee may be by certified check, cashier's check or bid bond made payable to the **Metropolitan Topeka Airport Authority**.

Bids may be held by the Metropolitan Topeka Airport Authority for a period not to exceed ninety (90) days from the date of the bid opening for the purpose of evaluating bids prior to award of contract.

The right is reserved, as the Metropolitan Topeka Airport Authority may require, to reject any and all bids and to waive any informality in the bids received.

This project is subject to the requirements of the Davis-Bacon Act, as amended. The Contractor is required to comply with wage and labor provisions and to pay minimum wages in accordance with the schedule of wage rates established by the United States Department of Labor.

This project is subject to the requirements of 49 CFR Part 26 Disadvantaged Business Enterprise Participation. The owner has established a contract goal of nine percent (9.0%) participation for small business concerns owned and controlled by qualified disadvantaged business enterprises (DBE). The bidder shall make and document good faith efforts, as defined in Appendix A of 49 CFR Part 26, to meet the established goal.

The CONTRACTOR agrees to commence on or about **July 15, 2024**, and to have the project substantially completed within 120 Calendar Days from the Notice-to-Proceed.

The bidder acknowledges and accepts that for each and every Calendar Day the project remains incomplete beyond the contract time of performance, the substantial completion date, or not open to traffic as stipulated in the preceding paragraphs of this section, the CONTRACTOR shall pay the non-penal amount of \$3,000.00 per day as a liquidated damage to the OWNER.

All persons seeking to enter into a contract with the Metropolitan Topeka Airport Authority shall submit and acceptable affirmative action program in accordance with Federal Regulations.

Bidders shall take note of requirements for notification of Disadvantaged Business Enterprise (DBE).

Award of contract is also subject to the Federal provisions provided for in the section of the project manual entitled "Federal Contract Provisions for Construction and Equipment Contracts".

END OF REQUEST FOR BIDDERS

NOTICE TO BIDDERS

METROPOLITAN TOPEKA AIRPORT AUTHORITY
RECONSTRUCT LOWER TAXIWAY ALPHA-DELTA
TOPEKA REGIONAL AIRPORT
TOPEKA, KANSAS
AIP PROJECT NO. 3-20-0113-047

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Sam Stallbaumer, PE, Project Manager
WSP USA
300 Wyandotte, Suite 200
Kansas City, Missouri 64105
TEL: 816-702-4244
MOB: 210-867-6532
E-Mail: sam.stallbaumer@wsp.com

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CONTRACT WORK ITEMS. This project will involve the following work items and estimated quantities. Prospective bidders are hereby advised that the quantities indicated herein are approximate and are subject to change per the Section 40 of the General Provisions.

Item No.	Description	Unit	Quantity
C-102-5.1	Temporary Seeding and Mulching	AC	21
C-102-5.2	Installation and Removal of Silt Fence	LF	1,770
C-102-5.3	Installation and Removal of Ditch Check	LF	200
C-102-5.4	Installation and Removal of Inlet Protection	EA	14
C-105-6.1	Mobilization	LS	1
C-106-4.1	Traffic Control	LS	1
P-101-5.1	Type A Pavement Removal	SY	24,600
P-101-5.2	Type B Pavement Removal	SY	15,020
P-101-5.3	Type C Pavement Removal	SY	19,940
P-101-5.4	Cold Milling (0" - 4")	SY	28,070
P-101-5.5	Joint and Crack Repair	LF	14,000
P-101-5.6	Removal of Storm Sewers and Inlets	LS	1
P-101-5.7	Type D Pavement Removal		2,090
P-152-4.1	Unclassified Excavation	CY	19,760
P-152-4.2	Embankment in Place	CY	21,810
P-155-8.1	Lime-Treated Subgrade	SY	19,260
P-155-8.2	Lime	Ton	430
P-209-5.1	Crushed Aggregate Base Course (6")	SY	5,610
P-209-5.2	Crushed Aggregate Base Course (Var. Depth)	SY	6,190
P-307-7.1	Cement Treated Permeable Base (CTPB) (6")	SY	8,570
P-401-8.1	Asphalt Mix Pavement - Overlay	Ton	7,660
P-401-8.2	Asphalt Mix Pavement - Full Depth Shoulder - Surface	Ton	1,290
P-401-8.3	Asphalt Mix Pavement - Full Depth Shoulder - Base	Ton	3,900
P-501-8.1	Portland Cement Concrete Pavement (16.5")	SY	5,750
P-501-8.2	Portland Cement Concrete Pavement (16.5"), Reinforced	SY	1,470
P-501-8.3	Portland Cement Concrete Pavement (16.5"), Reinforced Isolation Joint	SY	640
P-602-5.1	Emulsified Asphalt Prime Coat	Gal	3,510
P-603-5.1	Emulsified Asphalt Tack Coat (Overlay)	Gal	4,520
P-603-5.2	Emulsified Asphalt Tack Coat (Shoulder)	Gal	1,170
P-620-5.1	Pavement Marking Removal	SF	4,600
P-620-5.2	Temporary Pavement Marking (Yellow)	SF	9,860
P-620-5.3	Temporary Pavement Marking (Red)	SF	140
P-620-5.4	Temporary Pavement Marking (Green)	SF	7,110
P-620-5.5	Reflectorized Pavement Marking (Yellow)	SF	9,860
P-620-5.6	Reflectorized Pavement Marking (White)	SF	70
P-620-5.7	Reflectorized Pavement Marking (Red)	SF	140

Item No.	Description	Unit	Quantity
P-620-5.8	Non-Reflectorized Pavement Marking (Green)	SF	7,110
P-620-5.9	Non-Reflectorized Pavement Marking (Black)	SF	25,350
D-701-5.1	18" Reinforced Concrete Pipe (Class V)	LF	390
D-701-5.2	36" Reinforced Concrete Pipe (Class V)	LF	680
D-705-5.1	6" Perforated Underdrain (Complete)	LF	3,540
D-705-5.2	6" Non-Perforated Underdrain Outlet	LF	180
D-705-5.3	Underdrain Cleanout in Paved Shoulder	EA	24
D-705-5.4	Underdrain Outlet Connection to Structure	EA	4
D-751-5.1	Storm Sewer Manhole Grade Adjustment	EA	1
D-751-5.2	Drop Inlet Grade Adjustment in Pavement	EA	4
D-751-5.3	Storm Sewer Manhole	EA	4
D-751-5.4	Double Grate Inlet	EA	4
T-901-5.1	Permanent Seeding & Mulching	AC	21
T-901-5.2	Sodding	SY	4,000
L-107-5.1	Relocate Wind Cone	EA	1
L-108-5.1	Remove #8 L-824 Cable from Conduit, Per LF of Conduit	LF	7,000
L-108-5.2	Remove #6 Bare Copper Counterpoise Direct Buried	LF	6,000
L-108-5.3	#8 5KV L-824 Type C Lighting Cable in Conduit	LF	8,260
L-108-5.4	#6 Bare Copper Counterpoise Direct Buried	LF	4,630
L-108-5.5	Remove FAA REIL/VASI Direct Buried 600V Armored Cables	LF	1,060
L-108-5.6	FAA Feeder Extension 600V #2 THWN-2	LF	400
L-108-5.7	FAA VASI 600V #2 Thwn-2	LF	2,510
L-108-5.8	FAA REIL 600V #8 Thwn-2	LF	2,400
L-108-5.9	Install FAA REIL 600V Current Sensing Cable Furnished by REIL Manufacturer	LF	10
L-108-5.10	FAA REIL 600V Trigger Cable, #16 Shielded	LF	320
L-109-7.1	Equipment within Existing Vault	LS	1
L-109-7.2	Modify Existing Tower Lighting Control Panel	LS	1
L-110-5.1	Remove 2" PVC Conduit	LF	6,000
L-110-5.2	(1) 2" PVC Schedule 40 Conduit Direct Buried	LF	5,030
L-110-5.3	(1) 2" PVC Schedule 40 Conduit Concrete Encased	LF	400
L-110-5.4	(2) 2" PVC Schedule 40 Conduit Concrete Encased	LF	200
L-115-5.1	Remove Electrical Handhole/Junction Structure	EA	4
L-115-5.2	Electrical Junction Box, L-867D, 16" Diameter	EA	7
L-125-5.1	Remove Elevated TWY Edge Light	EA	46
L-125-5.2	Remove Elevated RWY Threshold Light	EA	2
L-125-5.3	Remove In-Pavement RWY Edge Light	EA	5
L-125-5.4	L-861T(L) Elevated TWY Edge Light, Led w/ Heater Kit	EA	42
L-125-5.5	L-861 Elevated RWY Edge Light	EA	5
L-125-5.6	L-861E Elevated RWY Threshold Light	EA	2

Item No.	Description	Unit	Quantity
L-125-5.7	Connect L-824 Cable to Existing Light/Sign	EA	7
L-125-5.8	L-853 Elevated TWY Edge Reflector	EA	7
L-125-5.9	Remove Guidance Sign	EA	14
L-125-5.10	L-858(L) Guidance Sign	EA	10
L-125-5.11	Remove FAA REIL/VASI Equipment Rack, REIL Master Timer	LS	1
L-125-5.12	Remove FAA REIL Light Unit	EA	2
L-125-5.13	FAA REIL/VASI Equipment Rack w/ Rack-Mounted Equipment	LS	1
L-125-5.14	FAA REIL L-849V(L) LED, Type E, Controller/Light Unit 1 and Light Unit 2	LS	1

CONTRACT TIME. The anticipated date that project work may commence on or about **July 15, 2024**. The owner has established a contract time of **120** Calendar Days. All project work shall be substantially completed within the stated timeframe. This project is subject to liquidated damages as prescribed within the project manual.

BID GUARANTEE. Each proposal must be accompanied by a bid guarantee in the amount of five (5) percent of the total amount of the bid. The bid guarantee may be by certified check or bid bond made payable to Metropolitan Topeka Airport Authority.

BONDING REQUIREMENTS. The successful bidder will be required to furnish separate performance and payment bonds each in the amount equal to 100% of the contract price at the time of contract execution.

AWARD OF CONTRACT. All proposals submitted in accordance with the instructions presented herein will be subject to evaluation. Bids may be held by the Metropolitan Topeka Airport Authority for a period not to exceed **ninety (90) days** from the date of the bid opening for the purpose of evaluating bids prior to award of contract.

Award of contract will be based on the lowest aggregate sum proposal submitted from those bidders that are confirmed as being responsive and responsible. The right is reserved, as the Metropolitan Topeka Airport Authority may require, to reject any and all bids and to waive any informality in the bids received.

Prospective Bidders are hereby advised that award of contract is contingent upon the owner receiving Federal funding assistance under the Airport Improvement Program.

PROJECT SCHEDULE AND LIQUIDATED DAMAGES. The CONTRACTOR agrees to commence and to have the project substantially completed within 120 Calendar Days after the Notice-to-Proceed.

The bidder acknowledges and accepts that for each and every Calendar Day the project remains incomplete beyond the contract time of performance, the substantial completion date, or not open to traffic as stipulated in the preceding paragraphs of this section, the CONTRACTOR shall pay the non-penal amount of \$3,000.00 per calendar day as a liquidated damage to the OWNER.

FEDERAL PROVISIONS. This project is subject to the following partial listing of Federal provisions, statutes and regulations:

Equal Employment Opportunity - Executive Order 11246 and 41 CFR Part 60: The Bidder's attention is called to the "Equal Opportunity Clause" and the "Standard Federal Equal Employment Opportunity Construction Contract Specifications" set forth within the supplementary provisions. The successful Bidder shall not discriminate against any employee or applicant for employment because

of race, color, religion, sex, or national origin. The Contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, or national origin.

Goals for Minority and Female Participation – Executive Order 11246 and 41 CFR Part 60:

1. The Bidder's attention is called to the "Equal Opportunity Clause" and the "Standard Federal Equal Employment Opportunity Construction Contract Specifications" set forth within the supplementary provisions.
2. The goals and timetables for minority and female participation, expressed in percentage terms for the contractor's aggregate workforce in each trade on all construction work in the covered area, are as follows:

Timetables:

Goals for minority participation for each trade:	9.0%
Goals for female participation in each trade:	6.9%

These goals are applicable to all of the contractor's construction work (whether or not it is Federal or federally assisted) performed in the covered area. If the contractor performs construction work in a geographical area located outside of the geographical area where the work is actually performed. With regard to this second area, the contractor also is subject to the goals for both its Federally involved and non-federally involved construction.

Certification of Non-Segregated Facilities – 41 CFR Part 60: A certification of Non-Segregated Facilities must be submitted prior to the award of a federally-assisted construction contract exceeding \$10,000 which is not exempt from the provisions of the Equal Opportunity Clause.

Contractors receiving federally assisted construction contract awards exceeding \$10,000, which are not exempt from the provisions of the Equal Opportunity Clause will be required to provide for the forwarding of the notice to prospective subcontractors for supplies and construction contracts where the subcontracts exceed \$10,000 and are not exempt from the provisions of the Equal Opportunity Clause. The penalty for making false statements in offers is prescribed in 18 U.S.C. 1001.

Disadvantaged Business Enterprise – 49 CFR Part 26: The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of this DOT-assisted contracts. In accordance with 49 CFR Part 26.45, the sponsor has established a contract goal of nine percent (9.0%) participation for small business concerns owned and controlled by certified socially and economically disadvantaged enterprise (DBE). The bidder shall make and document good faith efforts, as defined in Appendix A of 49 CFR Part 26, to meet this established goal.

Davis-Bacon Act, as amended – 29 CFR Part 5: The Contractor is required to comply with wage and labor provisions and to pay minimum wages in accordance with the current schedule of wage rates established by the United States Department of Labor.

Debarment, Suspension, Ineligibility and Voluntary Exclusion – 49 CFR Part 29: The bidder certifies, by submission of a proposal or acceptance of a contract, that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency. Individuals or companies listed in the General Services Administration's "Excluded Parties Listing System" will not be considered for award of contract.

Foreign Trade Restriction – 49 CFR Part 30

The Bidder and Bidder's subcontractors, by submission of an offer and/or execution of a contract, is required to certify that it:

- a. Is not owned or controlled by one or more citizens of a foreign country included in the list of countries that discriminate against U.S. firms published by the Office of the United States Trade Representative (USTR);
- b. Has not knowingly entered into any contract or subcontract for this project with a person that is a citizen or national of a foreign country on said list, or is owned or controlled directly or indirectly by one or more citizens or nationals of a foreign country on said list;
- c. Has not procured any product nor subcontracted for the supply of any product for use on the project that is produced in a foreign country on said list.

Buy American Certificate – Aviation Safety and Capacity Act of 1990:

This contract is subject to the “Buy American Preferences” of the Aviation Safety and Capacity Act of 1990. Per Title 49 U.S.C. Section 50101, all steel and manufactured products installed under an AIP assisted project must be produced in the United States unless the Federal Aviation Administration has granted a formal waiver. As a condition of bid responsiveness, Bidders must submit the appropriate Buy American certification with their proposal.

ADDITIONAL PROVISIONS. A complete listing of the provisions applicable to this project can be found in the Supplemental Provisions.

MODIFICATION OF DOCUMENTS. Modification to the project documents may only be made by written addendum by the Owner or Owner’s authorized Representative.

The proposal must be made on the forms provided within the bound project manual. Bidders must supply all required information prior to the time of bid opening.

SUBMITTAL OF PROPOSALS. Additional information and instruction for submittal of a proposal are provided within the Instructions-to-Bidders. Envelopes containing bids must be sealed and addressed to:

Hand Delivery of Proposals: Metropolitan Topeka Airport Authority
6510 SE Forbes Avenue, Suite # 1
Topeka, KS 66619
TEL: 785-862-2362

Mail Delivery of Proposals: Metropolitan Topeka Airport Authority
P.O. Box 19053
Topeka, KS 66619

The upper left-hand corner of the sealed envelope must identify the following information:

CONTRACT PROPOSAL

Bid of {Insert Name of Bidder}

Reconstruct Lower Taxiway Alpha-Delta

AIP Project No.: 3-20-0113-047

To be opened at: 2:00 PM, April 23, 2024

END OF NOTICE TO BIDDERS

PROPOSAL FORM
METROPOLITAN TOPEKA AIRPORT AUTHORITY
RECONSTRUCT LOWER TAXIWAY ALPHA-DELTA
TOPEKA REGIONAL AIRPORT
TOPEKA, KANSAS
AIP PROJECT NO. 3-20-0113-047

BIDDERS NAME:_____

TO: Metropolitan Topeka Airport Authority
6510 SE Forbes Avenue, Suite # 1
Topeka, Kansas 66619

AIP Project No.: 3-20-0113-047

Description: Reconstruct Lower Taxiway Alpha-Delta, Topeka Regional Airport, Topeka, Kansas.

The undersigned Bidder, in compliance with the request for bids for construction of the above mentioned Project, hereby proposes and agrees, if this Bid is accepted, to enter into an agreement with the Owner in the form included in the contract Documents to furnish all labor, permits, material, machinery, tools, supplies and equipment to faithfully perform all work as specified or indicated in the Bid Documents in accordance with the project manual, project drawings and issued Addenda within the specified time of performance for the following prices:

Item No.	Description	Unit	Quantity	Unit Price	Extension
C-102-5.1	Temporary Seeding and Mulching	AC	21		
C-102-5.2	Installation and Removal of Silt Fence	LF	1,770		
C-102-5.3	Installation and Removal of Ditch Check	LF	200		
C-102-5.4	Installation and Removal of Inlet Protection	EA	14		
C-105-6.1	Mobilization	LS	1		
C-106-4.1	Traffic Control	LS	1		
P-101-5.1	Type A Pavement Removal	SY	24,600		
P-101-5.2	Type B Pavement Removal	SY	15,020		
P-101-5.3	Type C Pavement Removal	SY	19,940		
P-101-5.4	Cold Milling (0" - 4")	SY	28,070		

Item No.	Description	Unit	Quantity	Unit Price	Extension
P-101-5.5	Joint and Crack Repair	LF	14,000		
P-101-5.6	Removal of Storm Sewers and Inlets	LS	1		
P-101-5.7	Type D Pavement Removal	SY	2,090		
P-152-4.1	Unclassified Excavation	CY	19,760		
P-152-4.2	Embankment in Place	CY	21,810		
P-155-8.1	Lime-Treated Subgrade	SY	19,260		
P-155-8.2	Lime	Ton	430		
P-209-5.1	Crushed Aggregate Base Course (6")	SY	5,610		
P-209-5.2	Crushed Aggregate Base Course (Var. Depth)	SY	6,190		
P-307-7.1	Cement Treated Permeable Base (CTPB) (6")	SY	8,570		
P-401-8.1	Asphalt Mix Pavement - Overlay	Ton	7,660		
P-401-8.2	Asphalt Mix Pavement - Full Depth Shoulder - Surface	Ton	1,290		
P-401-8.3	Asphalt Mix Pavement - Full Depth Shoulder - Base	Ton	3,900		
P-501-8.1	Portland Cement Concrete Pavement (16.5")	SY	5,750		
P-501-8.2	Portland Cement Concrete Pavement (16.5"), Reinforced	SY	1,470		
P-501-8.3	Portland Cement Concrete Pavement (16.5"), Reinforced Isolation Joint	SY	640		
P-602-5.1	Emulsified Asphalt Prime Coat	Gal	3,510		
P-603-5.1	Emulsified Asphalt Tack Coat (Overlay)	Gal	4,520		
P-603-5.2	Emulsified Asphalt Tack Coat (Shoulder)	Gal	1,170		
P-620-5.1	Pavement Marking Removal	SF	4,600		

Item No.	Description	Unit	Quantity	Unit Price	Extension
P-620-5.2	Temporary Pavement Marking (Yellow)	SF	9,860		
P-620-5.3	Temporary Pavement Marking (Red)	SF	140		
P-620-5.4	Temporary Pavement Marking (Green)	SF	7,110		
P-620-5.5	Reflectorized Pavement Marking (Yellow)	SF	9,860		
P-620-5.6	Reflectorized Pavement Marking (White)	SF	70		
P-620-5.7	Reflectorized Pavement Marking (Red)	SF	140		
P-620-5.8	Non-Reflectorized Pavement Marking (Green)	SF	7,110		
P-620-5.9	Non-Reflectorized Pavement Marking (Black)	SF	25,330		
D-701-5.1	18" Reinforced Concrete Pipe (Class V)	LF	390		
D-701-5.2	36" Reinforced Concrete Pipe (Class V)	LF	680		
D-705-5.1	6" Perforated Underdrain (Complete)	LF	3,540		
D-705-5.2	6" Non-Perforated Underdrain Outlet	LF	180		
D-705-5.3	Underdrain Cleanout in Paved Shoulder	EA	24		
D-705-5.4	Underdrain Outlet Connection to Structure	EA	4		
D-751-5.1	Storm Sewer Manhole Grade Adjustment	EA	1		
D-751-5.2	Drop Inlet Grade Adjustment in Pavement	EA	4		
D-751-5.3	Storm Sewer Manhole	EA	4		
D-751-5.4	Double Grate Inlet	EA	4		
T-901-5.1	Permanent Seeding & Mulching	AC	21		
T-904-5.1	Sodding	SY	4,000		

Item No.	Description	Unit	Quantity	Unit Price	Extension
L-107-5.1	Relocate Wind Cone	EA	1		
L-108-5.1	Remove #8 L-824 Cable from Conduit, Per LF of Conduit	LF	7,000		
L-108-5.2	Remove #6 Bare Copper Counterpoise Direct Buried	LF	6,000		
L-108-5.3	#8 5KV L-824 Type C Lighting Cable in Conduit	LF	8,260		
L-108-5.4	#6 Bare Copper Counterpoise Direct Buried	LF	4,630		
L-108-5.5	Remove FAA REIL/VASI Direct Buried 600V Armored Cables	LF	1,060		
L-108-5.6	FAA Feeder Extension 600V #2 THWN-2	LF	400		
L-108-5.7	FAA VASI 600V #2 THWN-2	LF	2,510		
L-108-5.8	FAA REIL 600V #8 THWN-2	LF	2,400		
L-108-5.9	Install FAA REIL 600V Current Sensing Cable Furnished by REIL Manufacturer	LF	10		
L-108-5.10	FAA REIL 600V Trigger Cable, #16 Shielded	LF	320		
L-109-7.1	Equipment within Existing Vault	LS	1		
L-109-7.2	Modify Existing Tower Lighting Control Panel	LS	1		
L-110-5.1	Remove 2" PVC Conduit	LF	6,000		
L-110-5.2	(1) 2" PVC Schedule 40 Conduit Direct Buried	LF	5,030		
L-110-5.3	(1) 2" PVC Schedule 40 Conduit Concrete Encased	LF	400		
L-110-5.4	(2) 2" PVC Schedule 40 Conduit Concrete Encased	LF	200		
L-115-5.1	Remove Electrical Handhole/Junction Structure	EA	4		
L-115-5.2	Electrical Junction Box, L-867D, 16" Diameter	EA	7		

Item No.	Description	Unit	Quantity	Unit Price	Extension
L-125-5.1	Remove Elevated TWY Edge Light	EA	46		
L-125-5.2	Remove Elevated RWY Threshold Light	EA	2		
L-125-5.3	Remove In-Pavement RWY Edge Light	EA	5		
L-125-5.4	L-861T(L) Elevated TWY Edge Light, Led w/ Heater Kit	EA	42		
L-125-5.5	L-861 Elevated RWY Edge Light	EA	5		
L-125-5.6	L-861E Elevated RWY Threshold Light	EA	2		
L-125-5.7	Connect L-824 Cable to Existing Light/Sign	EA	7		
L-125-5.8	L-853 Elevated TWY Edge Reflector	EA	7		
L-125-5.9	Remove Guidance Sign	EA	14		
L-125-5.10	L-858(L) Guidance Sign	EA	10		
L-125-5.11	Remove FAA REIL/VASI Equipment Rack, REIL Master Timer	LS	1		
L-125-5.12	Remove FAA REIL Light Unit	EA	2		
L-125-5.13	FAA REIL/VASI Equipment Rack w/ Rack-Mounted Equipment	LS	1		
L-125-5.14	FAA REIL L-849V(L) LED, Type E, Controller/Light Unit 1 and Light Unit 2	LS	1		

TOTAL BASE BID (Numeral Format) \$_____

TOTAL BASE BID (Word Format) _____

ACKNOWLEDGEMENTS BY BIDDER

- a. By submittal of a proposal, the BIDDER acknowledges and accepts that the quantities established by the OWNER are an approximate estimate of the quantities required to fully complete the Project and that the estimated quantities are principally intended to serve as a basis for evaluation of bids. The BIDDER further acknowledges and accepts that payment under this contract will be made only for actual quantities and that quantities will vary in accordance with the General Provisions subsection entitled "Alteration of Work and Quantities".

- b. The BIDDER acknowledges and accepts that the Bid Documents are comprised of the documents identified within the Instructions to Bidders, including without limitation those dealing with the disposition of Bid guarantee. The BIDDER further acknowledges that each of the individual documents that comprise the Bid Documents are complementary to one another and together establishes the complete terms, conditions and obligations of the successful BIDDER.
- c. As evidence of good faith in submitting this proposal, the undersigned encloses a bid guaranty in the form of a certified check, cashier's check or bid bond in the amount of 5% of the bid price. The BIDDER acknowledges and accepts that refusal or failure to accept award and execute a contract within the terms and conditions established herein will result in forfeiture of the bid guaranty to the owner as a liquidated damage.
- d. The BIDDER acknowledges and accepts the OWNER'S right to reject any or all bids and to waive any minor informality in any Bid or solicitation procedure.
- e. The BIDDER acknowledges and accepts the OWNER'S right to hold all Proposals for purposes of review and evaluation and not issue a notice-of-award for a period not to exceed **ninety (90) days** from the stated date for receipt of bids.
- f. The undersigned agrees that upon written notice of award of contract, he or she will execute the contract within **thirty (30) days** of the notice-of-award and furthermore, provide executed payment and performance bonds within **fifteen (15) days** from the date of contract execution. The undersigned accepts that failure to execute the contract and provide the required bonds within the stated timeframe shall result in forfeiture of the bid guaranty to the owner as a liquidated damage.
- g. By submittal of this proposal, the undersigned acknowledges and agrees to commence work within ten (10) calendar days of the date specified in the written "Notice-to-Proceed" as issued by the OWNER. The anticipated date that project work may commence is on or about **June 3, 2024**. The undersigned further agrees to complete the Project within **120** Calendar Days from the Notice-to-Proceed.
- h. The bidder acknowledges and accepts that for each and every Calendar Day the project remains incomplete beyond the contract time of performance, the substantial completion date, or not open to traffic as stipulated in the preceding paragraphs of this section, the CONTRACTOR shall pay the non-penal amount of **\$3,000.00** per calendar day as a liquidated damage to the OWNER.
- i. The BIDDER acknowledges that the OWNER has established a contract Disadvantaged Business Enterprise goal of **nine (9) percent** for this project. The BIDDER acknowledges and accepts the requirement to apply and document good faith efforts, as defined in Appendix A, 49 CFR Part 26, for subcontracting a portion of the prime contract to certified Disadvantaged Business Enterprises (DBE), as defined in 49 CFR Part 26 for purposes of meeting the OWNER'S established goal. The BIDDER, in complying with this requirement, proposes participation by Disadvantaged Business Enterprises as stated on the attached forms, "Utilization Statement" and "Letter of Intent".
- j. The BIDDER, by submission of a proposal, acknowledges that award of this contract is subject to the provisions of the Davis-Bacon Act. The BIDDER accepts the requirement to pay prevailing wages for each classification and type of worker as established in the attached wage rate determination as issued by the United States Department of Labor. The BIDDER further acknowledges and accepts their requirement to incorporate the provision to pay the established prevailing wages in every subcontract agreement entered into by the Bidder under this project.

Compliance Reports (41 CFR Part 60-1.7): Within 30 days after award of this contract, the Contractor/Subcontractor shall file a compliance report (Standard Form 100) if s/he has not submitted a complete compliance report within 12 months preceding the date of award. This report is required if the Contractor/Subcontractor meets all of the following conditions:

1. Contractors/Subcontractors are not exempt based on 41 CFR 60-1.5.
 2. Has 50 or more employees.
 3. Is a prime contractor or first tier subcontractor.
 4. There is a contract, subcontract, or purchase order amounting to \$50,000 or more
- k. The undersigned acknowledges receipt of the following addenda:
- | | |
|----------------------------|---------------|
| Addendum Number ____ dated | Received_____ |
| Addendum Number ____ dated | Received_____ |
| Addendum Number ____ dated | Received_____ |

REPRESENTATIONS BY BIDDER

By submittal of a proposal (bid), the BIDDER represents the following:

- a. The BIDDER has read and thoroughly examined the bid documents including all authorized addenda.
- b. The BIDDER has obtained and carefully studied (or assumes responsibility for obtaining and carefully studying) all such examinations, investigations, explorations, tests and studies (in addition to or to supplement these referred to in (c) above) which pertain to the subsurface or physical conditions at the site or otherwise may affect the cost, progress, performance or furnishing of the Work as Bidder considers necessary for the performance or furnishing of the Work at the Contract Price, within the Contract Time and in accordance with the other terms and conditions of the Contract Documents; and no additional examinations, investigations, explorations, tests, reports or similar information or data are or will be required by Bidder for such purposes.
- c. The BIDDER has reviewed and checked all information and data shown or indicated on the Contract Documents with respect to existing Underground Facilities at or contiguous to the site and assumes responsibility for the accurate location of said Underground Facilities. No additional examinations, investigations, explorations, tests, reports or similar information or data in respect of said Underground Facilities are or will be required by Bidder in order to perform and furnish the Work at the Contract Price, within the Contract Time and in accordance with the other terms and conditions of the Contract Documents.
- d. The BIDDER has correlated the results of all such observations, examinations, investigations, explorations, tests, reports and studies with the terms and conditions of the Contract Documents.
- e. The BIDDER has given the Engineer written notice of all conflicts, errors, or discrepancies that it has discovered in the Contract Documents and the written resolution thereof by Engineer is acceptable to Bidder.
- f. The BIDDER has a complete understanding of the terms and conditions required for the satisfactory performance of project work.
- g. The BIDDER has fully informed themselves of the project site, the project site conditions and the surrounding area.
- h. The BIDDER has familiarized themselves of the requirements of working on an operating airport and understands the conditions that may in any manner affect cost, progress, or performance of the work
- i. The BIDDER has correlated their observations with that of the project documents.
- j. The BIDDER has found no errors, conflicts, ambiguities, or omissions in the project documents, except as previously submitted in writing to the owner that would affect cost, progress or performance of the work.

- k. The BIDDER is familiar with all applicable Federal, State, and local laws, rules and regulations pertaining to execution of the contract and the project work that may in any manner affect cost, progress or performance of the work.
- l. The BIDDER has complied with all requirements of these instructions and the associated project documents.
- m. This BID is genuine and not made in the interest of or on behalf of any undisclosed person, firm or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid; Bidder has not solicited or induced any person, firm or corporation to refrain from bidding; and Bidder has not sought by collusion to obtain for itself any advantage over any other bidder or over Owner.

CERTIFICATIONS BY BIDDER

- a. The undersigned hereby declares and certifies that the only parties interested in this proposal are named herein and that this proposal is made without collusion with any other person, firm or corporation. The undersigned further certifies that no member, officer, or agent of OWNER'S has direct or indirect financial interest in this proposal.
- b. **Certification of Non-Segregated Facilities:** (41 CFR Part 60-1.8) The BIDDER, as a potential federally assisted construction contractor, certifies that it does not maintain or provide, for its employees, any segregated facilities at any of its establishments and that it does not permit its employees to perform their services at any location, under its control, where segregated facilities are maintained. The BIDDER certifies that it will not maintain or provide, for its employees, segregated facilities at any of its establishments and that it will not permit its employees to perform their services at any location under its control where segregated facilities are maintained. The Bidder agrees that a breach of this certification is a violation of the Equal Opportunity Clause, which is to be incorporated in the contract.

As used in this certification, the term "segregated facilities" means any waiting rooms, work areas, restrooms, and washrooms, restaurants and other eating areas, timeclocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees which are segregated on the basis of race, color, religion, or national origin because of habit, local custom, or any other reason. The Bidder agrees that (except where it has obtained identical certifications from proposed subcontractors for specific time periods) it will obtain identical certifications from proposed subcontractors prior to the award of subcontracts exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity Clause and that it will retain such certifications in its files.

- c. **Trade Restriction Certification:** (49 CFR Part 30)
The Bidder, by submission of an offer certifies that it:
 - 1. is not owned or controlled by one or more citizens of a foreign country included in the list of countries that discriminate against U.S. firms published by the Office of the United States Trade Representative (USTR).
 - 2. has not knowingly entered into any contract or subcontract for this project with a person that is a citizen or national of a foreign country on said list, or is owned or controlled directly or indirectly by one or more citizens or nationals of a foreign country on said list.
 - 3. has not procured any product nor subcontracted for the supply of any product for use on the project that is produced in a foreign country on said list.

- d. **Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion:** (49 CFR Part 29) The Bidder certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency. It further agrees by submitting this proposal that it will include this clause without modification in all lower tier transactions, solicitations, proposals, contracts, and subcontracts. Where the Bidder or any lower tier participant is unable to certify to this statement, it shall attach an explanation to this solicitation/proposal.
- e. **Buy American Certification:** (Title 49 U.S.C. Chapter 501) As a condition of bid responsiveness, the bidder must certify its compliance with the Buy American preferences established under Title 49 U.S.C. Section 50101. Bidders must complete the Buy American certification that is attached to this proposal form.

ATTACHMENTS TO THIS BID

The following documents are attached to and made a part of this Bid:

- 1. Bid Guaranty in the form of _____;
- 2. Completed DBE forms "Utilization Statement" and "Letter of Intent".
- 3. Evidence of good faith efforts required by 49 CFR Part 26, Appendix A. If proposed DBE goal is met, submittal of evidence of good faith efforts is not required.
- 4. Evidence of BIDDER'S qualifications per the requirements of the Instructions-to-Bidders.
- 5. Buy American Certification.

SIGNATURE OF BIDDER

IF AN INDIVIDUAL:

Name: _____

By: _____
(Signature of Individual)

Doing Business as: _____

Business Address: _____

Telephone Number: _____

IF A PARTNERSHIP:

Partnership Name: _____

By: _____
(Authorized Signature)
(Attach Evidence of Authority to sign as a Partnership)

Name and Title: _____

Business Address: _____

Telephone Number: _____

IF A CORPORATION:

Corporation Name: _____

By: _____
(Authorized Signature)
(Attach Evidence of Authority to sign)

Name and Title: _____

Business Address: _____

Telephone Number: _____ (CORPORATE SEAL)

ATTEST:

By: _____
(Authorized Signature)

Name and Title: _____

IF A JOINT VENTURE: *(Attach copy of Joint Venture Agreement)*

Joint Venture Name: _____

By: _____

(Authorized Signature)
(Attach Evidence of Authority to sign)

Name and Title: _____

Business Address: _____

Telephone Number: _____

Joint Venture Name: _____

By: _____

(Authorized Signature)
(Attach Evidence of Authority to sign)

Name and Title: _____

Business Address: _____

Telephone Number: _____

Project Number: AIP 3-20-0113-047

Contractor's Name: _____

List of Subcontractors

The Bidder is required to furnish the following information in accordance with the provisions of paragraph Subcontractors, Etc., in the **Instructions to Bidders** for ALL Subcontractors. Do not list alternate subcontractors for the same work. The Contractor shall list only one subcontractor for each such portion of Work as is defined by the Contractor in his bid. Contractor shall not substitute any person as subcontractor in the place of a subcontractor listed below, except as provided in paragraph Subcontractors, Etc.

The Bidder understands that if he fails to specify a subcontractor for any portion of the Work to be performed under the contract or specifies more than one subcontractor for the same portion of the Work, he shall be deemed to have agreed that he is fully qualified to perform that portion himself and that he shall not be permitted to sublet or subcontract that portion of the Work, except as provided in paragraph Subcontractors, Etc.

Subcontractor: _____
Amount: _____ (\$ _____)
(words)

Subcontractor: _____
Amount: _____ (\$ _____)
(words)

Subcontractor: _____
Amount: _____ (\$ _____)
(words)

Subcontractor: _____
Amount: _____ (\$ _____)
(words)



Subcontractor: _____
Amount: _____ (\$ _____)
(words)

Subcontractor: _____
Amount: _____ (\$ _____)
(words)

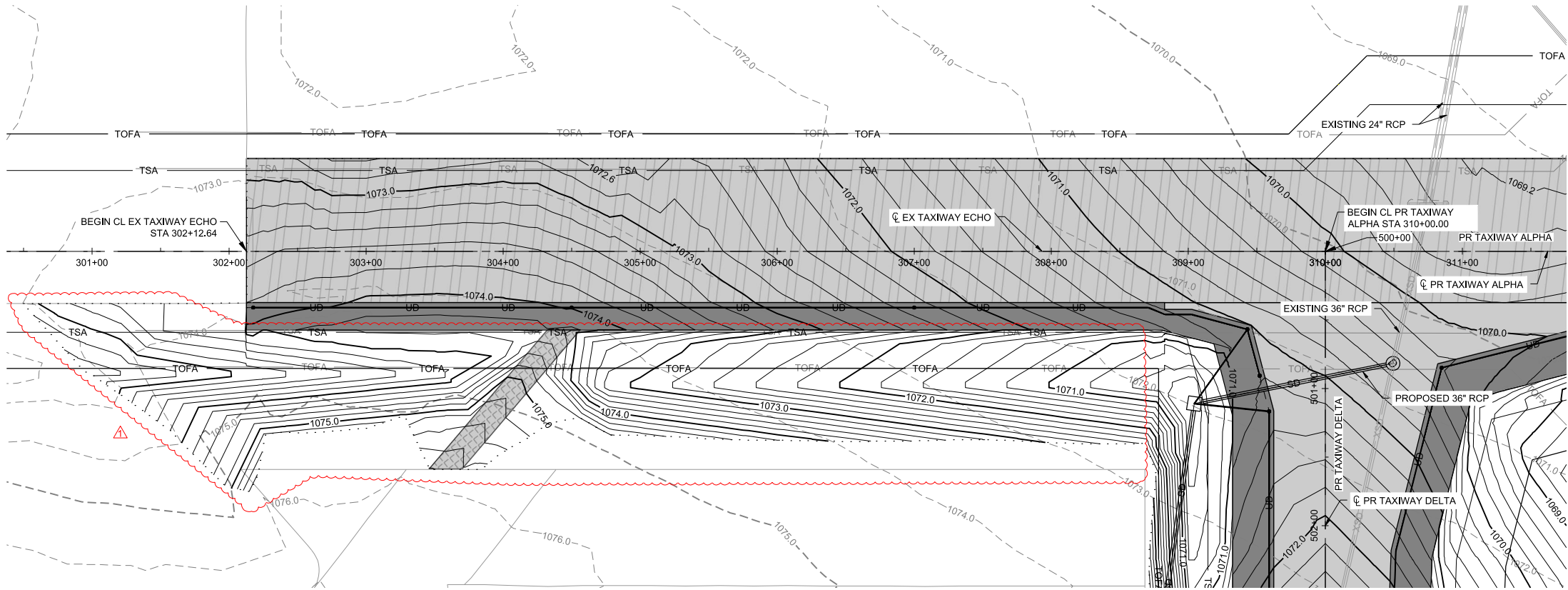
Subcontractor: _____
Amount: _____ (\$ _____)
(words)

BID SCHEDULE - RECONSTRUCT LOWER TAXIWAY ALPHA-DELTA				
ITEM NO.	SPEC NO.	ITEM DESCRIPTION	QUANTITY	UNIT
1	C-102-5.1	TEMPORARY SEEDING AND MULCHING	21	AC
2	C-102-5.2	INSTALLATION AND REMOVAL OF SILT FENCE	1,770	LF
3	C-102-5.3	INSTALLATION AND REMOVAL OF DITCH CHECK	200	LF
4	C-102-5.4	INSTALLATION AND REMOVAL OF INLET PROTECTION	14	EA
5	C-105-6.1	MOBILIZATION	1	LS
6	C-106-4.1	TRAFFIC CONTROL	1	LS
7	P-101-5.1	TYPE A PAVEMENT REMOVAL	24,600	SY
8	P-101-5.2	TYPE B PAVEMENT REMOVAL	15,020	SY
9	P-101-5.3	TYPE C PAVEMENT REMOVAL	19,940	SY
10	P-101-5.4	COLD MILLING (0-4")	28,070	SY
11	P-101-5.5	JOINT AND CRACK REPAIR	14,000	LF
12	P-101-5.6	REMOVAL OF STORM SEWERS AND INLETS	1	LS
13	P-101-5.7	TYPE D PAVEMENT REMOVAL	2,090	SY
14	P-152-4.1	UNCLASSIFIED EXCAVATION	19,760	CY
15	P-152-4.2	EMBANKMENT IN PLACE	21,810	CY
16	P-155-8.1	LIME-TREATED SUBGRADE	19,260	SY
17	P-155-8.2	LIME	430	TON
18	P-209-5.1	CRUSHED AGGREGATE BASE COURSE (6")	5,610	SY
19	P-209-5.2	CRUSHED AGGREGATE BASE COURSE (VAR. DEPTH)	6,190	SY
20	P-307-7.1	CEMENT TREATED PERMEABLE BASE (6")	8,570	SY
21	P-401-8.1	ASPHALT MIX PAVEMENT - OVERLAY	7,660	TON
22	P-401-8.2	ASPHALT MIX PAVEMENT - FULL DEPTH SHOULDER - SURFACE	1,290	TON
23	P-401-8.3	ASPHALT MIX PAVEMENT - FULL DEPTH SHOULDER - BASE	3,900	TON
24	P-501-8.1	PORTLAND CEMENT CONCRETE PAVEMENT (16.5")	5,750	SY
25	P-501-8.2	PORTLAND CEMENT CONCRETE PAVEMENT (16.5"), REINFORCED	1,470	SY
26	P-501-8.3	PORTLAND CEMENT CONCRETE PAVEMENT (16.5"), REINFORCED ISOLATION JOINT	640	SY
27	P-602-5.1	EMULSIFIED ASPHALT PRIME COAT	3,510	GAL
28	P-603-5.1	EMULSIFIED ASPHALT TACK COAT (OVERLAY)	4,520	GAL
29	P-603-5.2	EMULSIFIED ASPHALT TACK COAT (SHOULDER)	1,170	GAL
30	P-620-5.1	PAVEMENT MARKING REMOVAL	4,600	SF
31	P-620-5.2	TEMPORARY PAVEMENT MARKING (YELLOW)	9,860	SF
32	P-620-5.3	TEMPORARY PAVEMENT MARKING (RED)	140	SF
33	P-620-5.4	TEMPORARY PAVEMENT MARKING (GREEN)	7,110	SF
34	P-620-5.5	REFLECTORIZED PAVEMENT MARKING (YELLOW)	9,860	SF
35	P-620-5.6	REFLECTORIZED PAVEMENT MARKING (WHITE)	70	SF
36	P-620-5.7	REFLECTORIZED PAVEMENT MARKING (RED)	140	SF
37	P-620-5.8	NON-REFLECTORIZED PAVEMENT MARKING (GREEN)	7,110	SF
38	P-620-5.9	NON-REFLECTORIZED PAVEMENT MARKING (BLACK)	25,330	SF
39	D-701-5.1	18" REINFORCED CONCRETE PIPE (CLASS V)	390	LF
40	D-701-5.2	36" REINFORCED CONCRETE PIPE (CLASS V)	680	LF
41	D-705-5.1	6" PERFORATED UNDERDRAIN (COMPLETE)	3,540	LF
42	D-705-5.2	6" NON-PERFORATED UNDERDRAIN OUTLET	180	LF
43	D-705-5.3	UNDERDRAIN CLEANOUT IN PAVED SHOULDER	24	EA
44	D-705-5.4	UNDERDRAIN OUTLET CONNECTION TO STRUCTURE	4	EA
45	D-751-5.1	STORM SEWER MANHOLE GRADE ADJUSTMENT	1	EA
46	D-751-5.2	DROP INLET GRADE ADJUSTMENT IN PAVEMENT	4	EA
47	D-751-5.3	STORM SEWER MANHOLE	4	EA
48	D-751-5.4	DOUBLE GRATE INLET	4	EA
49	T-901-5.1	PERMANENT SEEDING & MULCHING	21	AC
50	T-904-5.1	SODDING	4,000	SY

51	L-107-5.1	RELOCATE WIND CONE	1	LS
52	L-108-5.1	REMOVE #8 L-824 CABLE FROM CONDUIT, PER LF OF CONDUIT	7,000	LF
53	L-108-5.2	REMOVE #6 BARE COPPER COUNTERPOISE DIRECT BURIED	6,000	LF
54	L-108-5.3	#8 5KV L-824 TYPE C LIGHTING CABLE IN CONDUIT	8,260	LF
55	L-108-5.4	#6 BARE COPPER COUNTERPOISE DIRECT BURIED	4,830	LF
56	L-108-5.5	REMOVE FAA REIL/VASI DIRECT BURIED 600V ARMORED CABLES	1,060	LF
57	L-108-5.6	FAA FEEDER EXTENSION 600V #2 THWN-2	400	LF
58	L-108-5.7	FAA VASI 600V #2 THWN-2	2,510	LF
59	L-108-5.8	FAA REIL 600V #8 THWN-2	2,400	LF
60	L-108-5.9	INSTALL FAA REIL 600V CURRENT SENSING CABLE FURNISHED BY REIL MANUFACTURER	10	LF
61	L-108-5.10	FAA REIL 600V TRIGGER CABLE, #16 SHIELDED	320	LF
62	L-109-7.1	EQUIPMENT WITHIN EXISTING VAULT	1	LS
63	L-109-7.2	MODIFY EXISTING TOWER LIGHTING CONTROL PANEL	1	LS
64	L-110-5.1	REMOVE 2" PVC CONDUIT	6,000	LF
65	L-110-5.2	(1) 2" PVC SCHEDULE 40 CONDUIT DIRECT BURIED	5,030	LF
66	L-110-5.3	(1) 2" PVC SCHEDULE 40 CONDUIT CONCRETE ENCASED	400	LF
67	L-110-5.4	(2) 2" PVC SCHEDULE 40 CONDUIT CONCRETE ENCASED	200	LF
68	L-115-5.1	REMOVE ELECTRICAL HANDHOLE/JUNCTION STRUCTURE	4	EA
69	L-115-5.2	ELECTRICAL JUNCTION BOX, L-867D, 16" DIAMETER	7	EA
70	L-125-5.1	REMOVE ELEVATED TWY EDGE LIGHT	46	EA
71	L-125-5.2	REMOVE ELEVATED RWY THRESHOLD LIGHT	2	EA
72	L-125-5.3	REMOVE IN-PAVEMENT RWY EDGE LIGHT	5	EA
73	L-125-5.4	L-861T(L) ELEVATED TWY EDGE LIGHT, LED W/ HEATER KIT	42	EA
74	L-125-5.5	L-861 ELEVATED RWY EDGE LIGHT	5	EA
75	L-125-5.6	L-861E ELEVATED RWY THRESHOLD LIGHT	2	EA
76	L-125-5.7	CONNECT L-824 CABLE TO EXISTING LIGHT/SIGN	7	EA
77	L-125-5.8	L-853 ELEVATED TWY EDGE REFLECTOR	7	EA
78	L-125-5.9	REMOVE GUIDANCE SIGN	14	EA
79	L-125-5.10	L-858(L) GUIDANCE SIGN	10	EA
80	L-125-5.11	REMOVE FAA REIL/VASI EQUIPMENT RACK, REIL MASTER TIMER	1	LS
81	L-125-5.12	REMOVE FAA REIL LIGHT UNIT	2	EA
82	L-125-5.13	FAA REIL/VASI EQUIPMENT RACK W/ RACK-MOUNTED EQUIPMENT	1	LS
83	L-125-5.14	FAA REIL L-849V(L) LED, TYPE E, CONTROLLER/LIGHT UNIT 1 AND LIGHT UNIT 2	1	LS

 <div>WSP USA INC. KANSAS LICENSE NO. E-447</div> <div>300 WYANDOTTE STREET, SUITE 200 KANSAS CITY, MO 64105 T 816-702-4330 www.wsp.com</div>			
 <div>MTAA METROPOLITAN TOPEKA AIRPORT AUTHORITY TOPEKA REGIONAL BILLARD AIRPORT AIRPORT & BUSINESS CENTER</div>			
METROPOLITAN TOPEKA AIRPORT AUTHORITY		TOPEKA REGIONAL AIRPORT RECONSTRUCT LOWER TAXIWAY ALPHA-DELTA	
		AIP CONSTRUCTION GRANT NO. 3-20-0113-047 6510 SE FORBES AVENUE, SUITE 1 TOPEKA, KANSAS 66619	
NO.	DATE	BY	DESCRIPTION
1	3/7/2024	GFR	ADDENDUM NO. 2
ISSUED FOR BID			
SHEET TITLE			
SUMMARY OF QUANTITIES			
DATE		JANUARY 16, 2024	
SCALE		N.T.S.	
DRAWN BY		GFR	
CHECKED BY		TMS	
APPROVED BY		SFS	
WSP PROJECT NUMBER		309000280J	
SHEET NUMBER		G0.02	
SHEET 3 OF 98			

FILE NAME: 30900280J-CA2.01.DWG
PLOT DATE: Mar 05, 2024 - 1:17PM

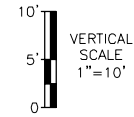
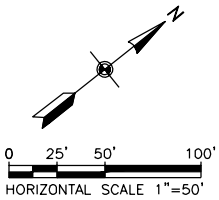
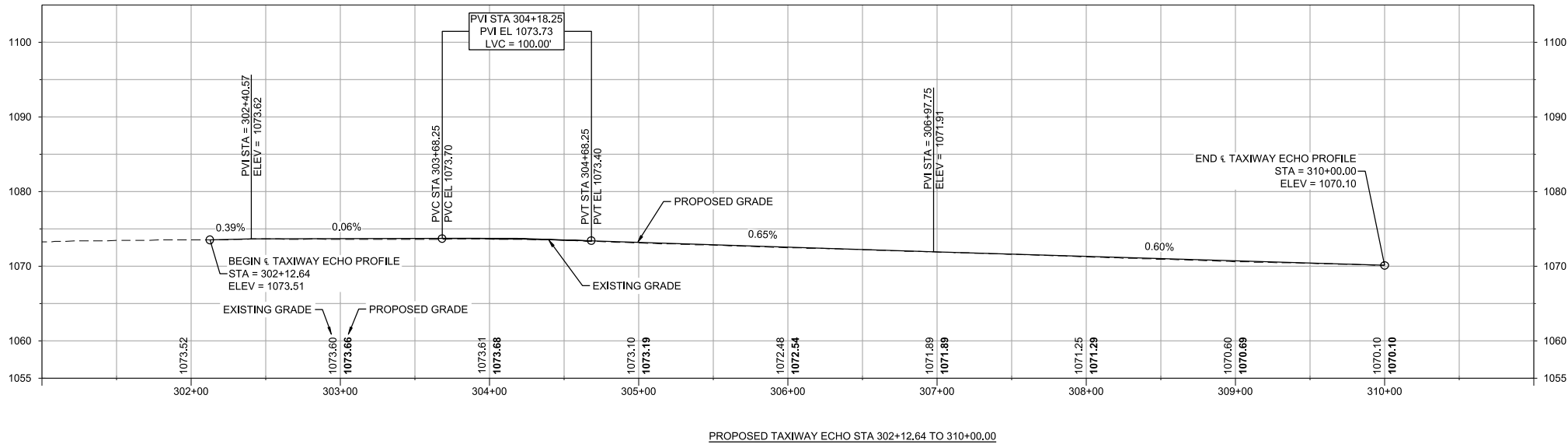


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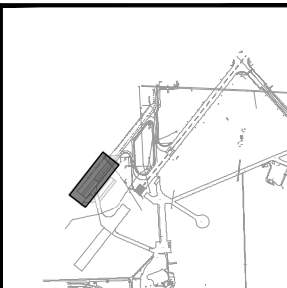
	TAXIWAY PAVEMENT
	SHOULDER PAVEMENT
	ASPHALT OVERLAY

GENERAL NOTES:

- SEE CA1 SERIES FOR AIRFIELD GEOMETRY SITE PLANS
- SEE CA2 TAXIWAY PLANS AND PROFILES.
- SEE CA5 SERIES FOR TYPICAL PAVEMENT SECTIONS.
- SEE CG SERIES FOR GRADING AND DRAINAGE PLANS.
- EXISTING UTILITY CROSSING SHOWN FOR REPRESENTATION ONLY. CONTRACTOR TO FIELD VERIFY.



KEY PLAN



WSP USA INC.
KANSAS
LICENSE NO. E-447

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METROPOLITAN TOPEKA AIRPORT AUTHORITY

TOPEKA REGIONAL AIRPORT

RECONSTRUCT LOWER TAXIWAY ALPHA-DELTA

AIP CONSTRUCTION GRANT NO. 3-20-0113-047
6510 SE FORBES AVENUE, SUITE 1
TOPEKA, KANSAS 66619

NO.	DATE	BY	DESCRIPTION
1	3/7/2024	GFR	ADDENDUM NO. 2

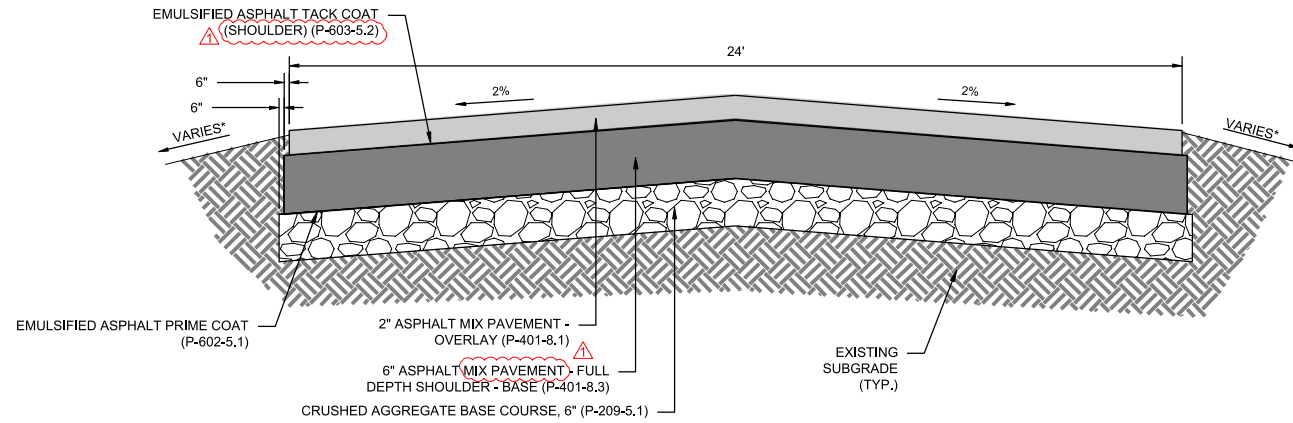
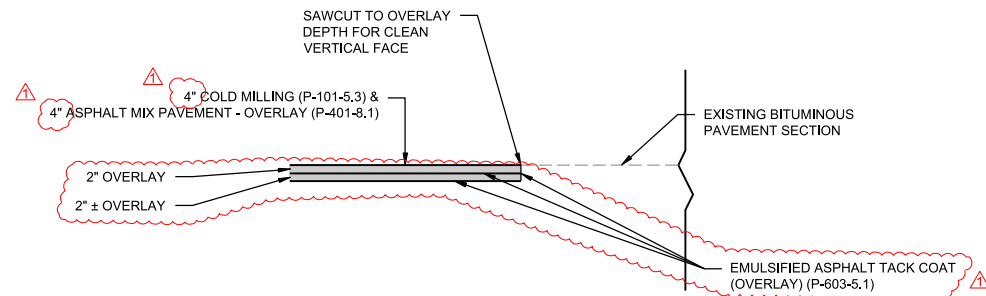
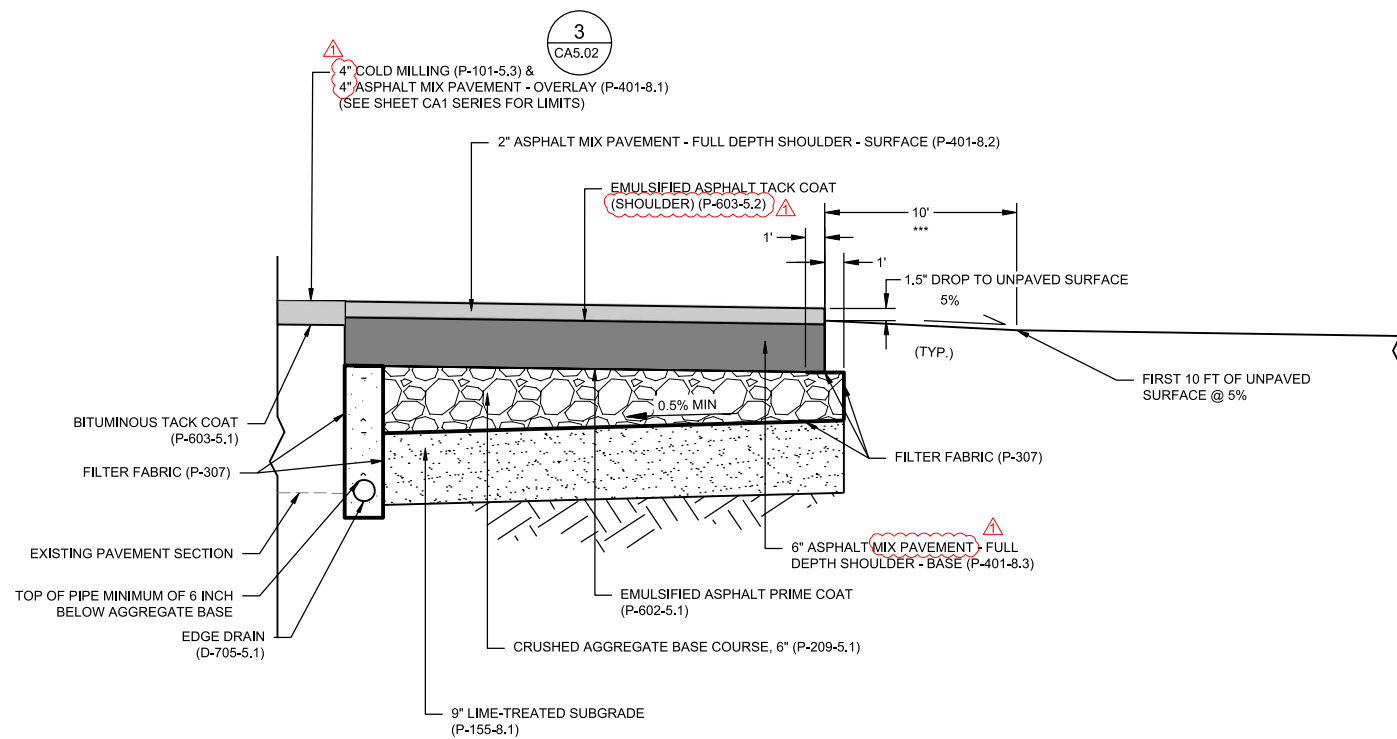
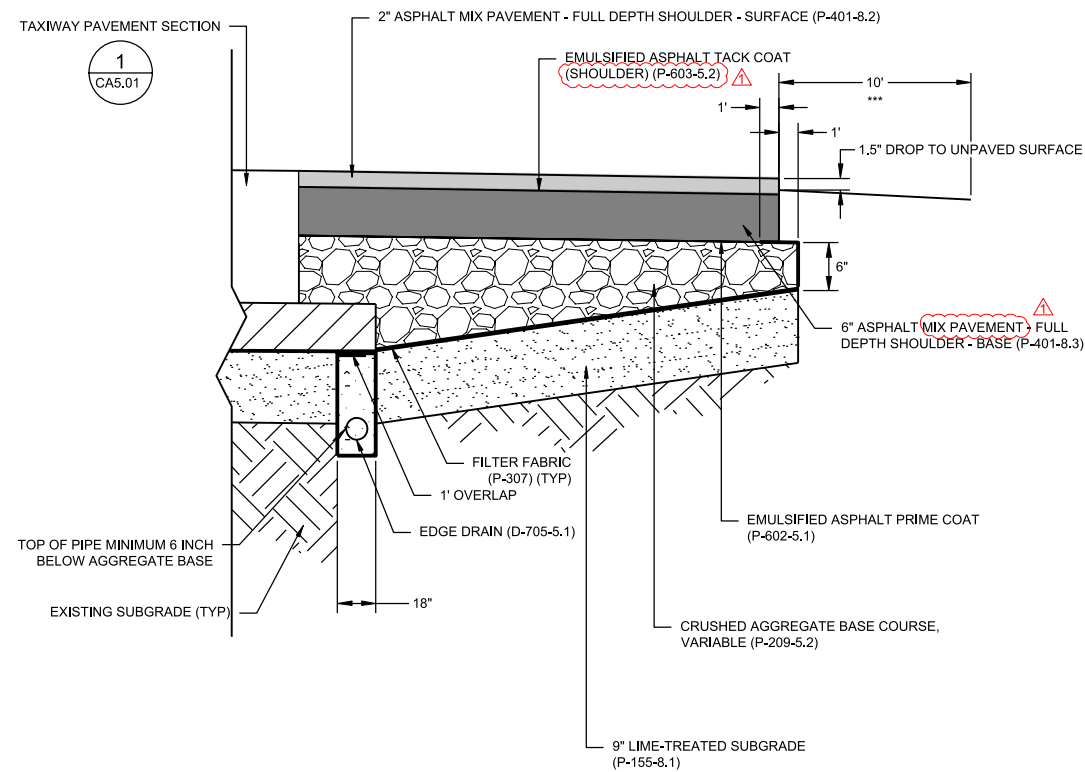
ISSUED FOR BID

SHEET TITLE
**EXISTING TAXIWAY ECHO
PLAN AND PROFILE**

DATE	JANUARY 16, 2024
SCALE	1" = 50'
DRAWN BY	SSD
CHECKED BY	GFR
APPROVED BY	TMS

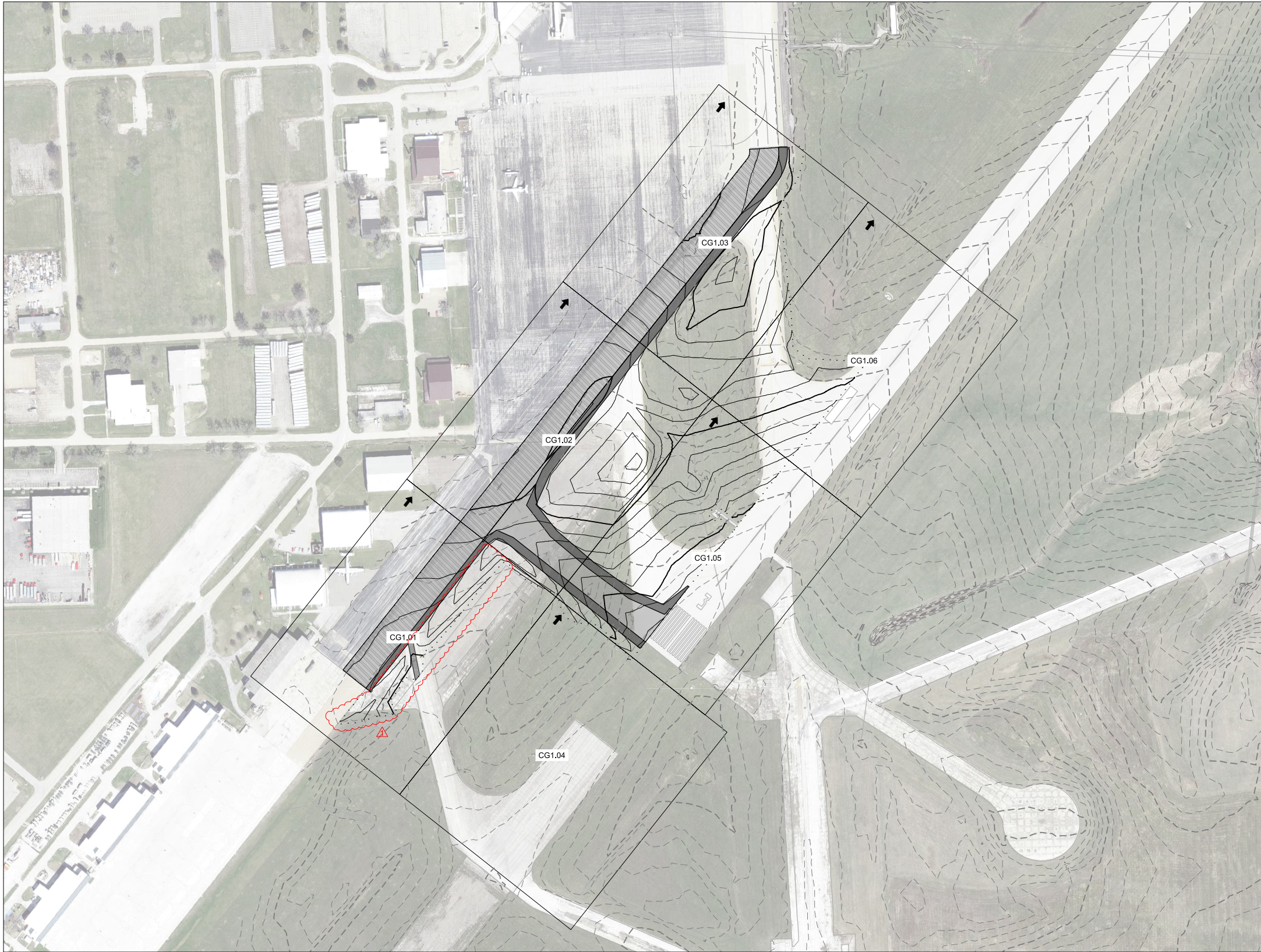
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SHEET NUMBER	CA2.02
SHEET	31 OF 98

SCALE (S) AS NOTED ON THIS SHEET ARE BASED ON A FULL SIZE 22 X 34 SHEET.



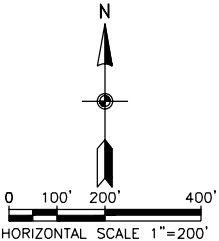
NOTE:

*** PROVIDE 10 FT WIDE T-904 SODDING ADJACENT TO PAVED EDGE




LEGEND


→ ARROW POINTS IN DIRECTION OF ORIENTATION OF SHEET



FILE NAME: 30900280J-CG1.00.DWG
PLOT DATE: Mar 05, 2024 - 1:19PM



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TOPEKA REGIONAL AIRPORT

RECONSTRUCT LOWER TAXIWAY ALPHA-DELTA

AIP CONSTRUCTION GRANT NO. 3-20-0113-047
6510 SE FORBES AVENUE, SUITE 1
TOPEKA, KANSAS 66619

NO.	DATE	BY	DESCRIPTION
1	3/7/2024	GFR	ADDENDUM NO. 2

ISSUED FOR BID

SHEET TITLE

**GRADING AND DRAINAGE
KEY PLAN**

DATE

JANUARY 16, 2024

SCALE

1" = 200'

DRAWN BY

GFR

CHECKED BY

TMS

APPROVED BY

SFS

WSP PROJECT NUMBER

30900280J

SHEET NUMBER

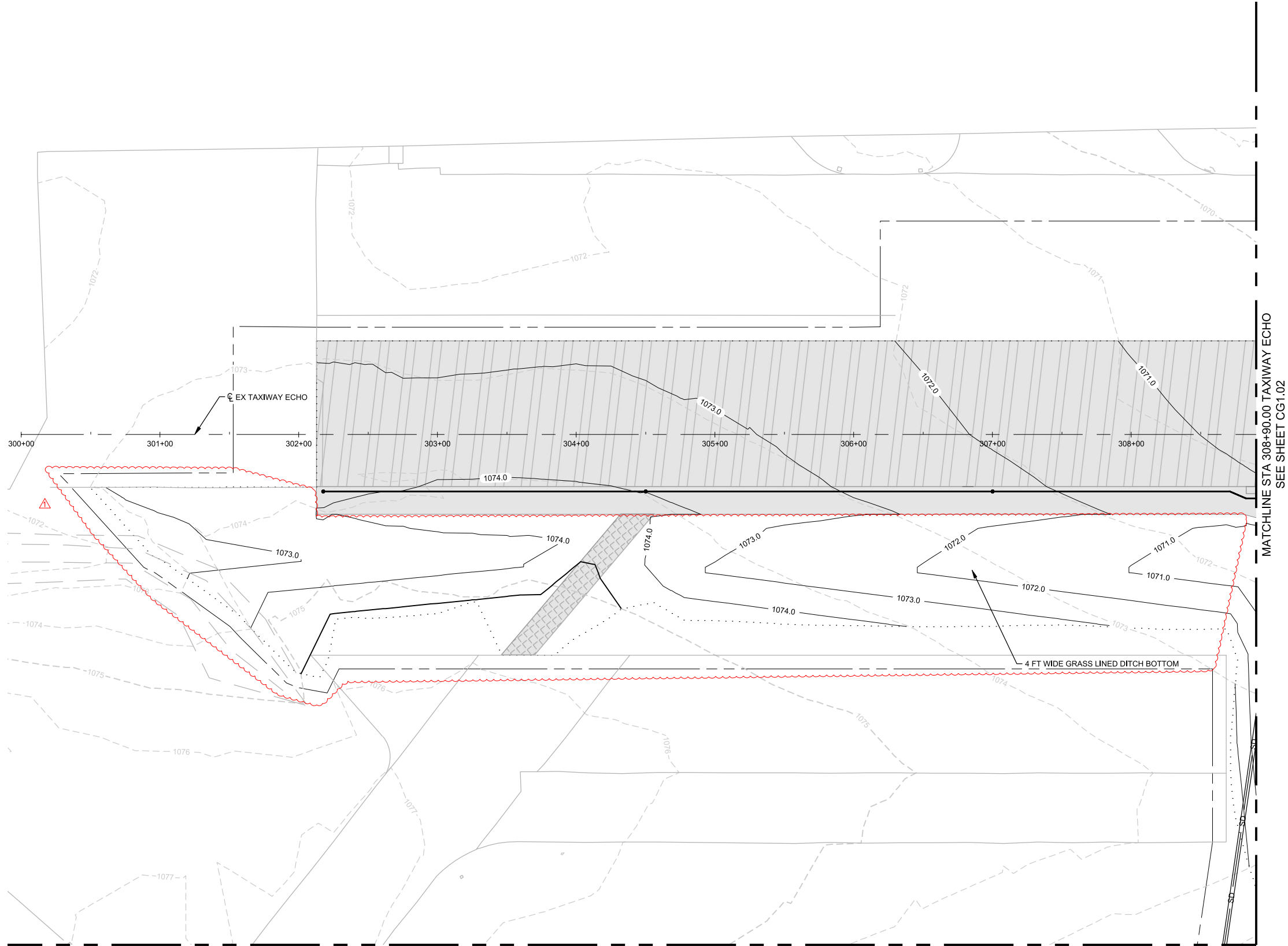
CG1.00

SHEET

38 OF 98

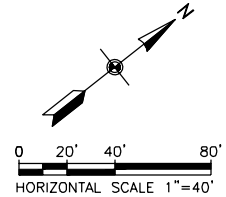
SCALE (S) AS NOTED ON THIS SHEET ARE BASED ON A FULL SIZE 22 X 34 SHEET.

FILE NAME: 30900280J-CG1.01.DWG
PLOT DATE: Mar 05, 2024 1:20PM

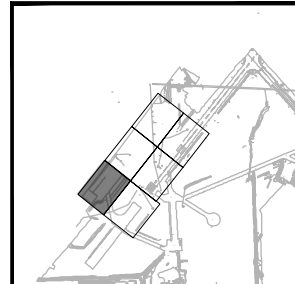


- LEGEND**
- PROPOSED PAVEMENT
 - ASPHALT MILL AND OVERLAY
 - EXISTING MINOR CONTOUR
 - EXISTING MAJOR CONTOUR
 - PROPOSED MINOR CONTOUR
 - PROPOSED MAJOR CONTOUR
 - APPROXIMATE LIMITS OF DISTURBANCE
 - EXISTING INLET PROTECTION
 - SF
 - SILT FENCE

- GENERAL NOTES:**
- CONTRACTOR TO FIELD VERIFY THE AS-BUILT ELEVATIONS OF THE RIM PRIOR TO COMMENCING PROCUREMENT AND SHOP DRAWING PRODUCTION OF DRAINAGE STRUCTURE ADJUSTMENT. THE CONTRACTOR MUST PROVIDE ANY DISCREPANCIES BETWEEN THE DESIGN ELEVATIONS SHOWN AND THE AS-BUILT ELEVATIONS TO THE ENGINEER.
 - CONTRACTOR TO VERIFY LOCATION OF EXISTING DRAINAGE INLET PRIOR TO PREPARATION OF SHOP DRAWINGS. THIS INFORMATION MUST BE PROVIDED TO THE ENGINEER UPON FIELD VERIFICATION.
 - CONTRACTOR TO VERIFY LOCATION OF EXISTING GRASS DRAINAGE SWALE AND SWALE INLETS PRIOR TO START OF CONSTRUCTION. THIS INFORMATION MUST BE PROVIDED TO THE ENGINEER UPON FIELD VERIFICATION.
 - EXISTING EROSION AND CONTROL MEASURES MUST BE INSPECTED AND MAINTAINED FOR THE DURATION OF THE PROJECT. CONTRACTOR MUST ADJUST EROSION CONTROL MEASURES AS SITE CONDITIONS REQUIRE.
 - CONTRACTOR MUST ADJUST EXISTING INLET PROTECTION TO MATCH PROPOSED GRADES AS NECESSARY. EXISTING INLET PROTECTION AT INLETS IN PAVED SECTIONS MUST BE REMOVED AND REPLACED WITH INSERT-TYPE INLET PROTECTION (FLEXSTORM CATCH-T INLET FILTERS OR APPROVED EQUAL).
 - IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY INTEGRITY AND FUNCTIONALITY OF EXISTING EROSION CONTROL MEASURES.
 - PROVIDE 10 FT WIDE SODDED AREA ADJACENT TO ALL PAVED EDGES.
 - SEE UNDERDRAIN SCHEDULE ON SHEET CG5.01 FOR ADDITIONAL INFORMATION.



KEY PLAN



WSP USA INC.
KANSAS
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300 WYANDOTTE STREET, SUITE 200
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RECONSTRUCT LOWER TAXIWAY ALPHA-DELTA

AIP CONSTRUCTION GRANT NO. 3-20-0113-047
6510 SE FORBES AVENUE, SUITE 1
TOPEKA, KANSAS 66619

NO.	DATE	BY	DESCRIPTION
1	3/7/2024	GFR	ADDENDUM NO. 2

ISSUED FOR BID

SHEET TITLE

**GRADING AND DRAINAGE
PLAN 1 OF 6**

DATE	JANUARY 16, 2024
SCALE	1" = 40'
DRAWN BY	GFR
CHECKED BY	TMS
APPROVED BY	SFS
WSP PROJECT NUMBER	30900280J
SHEET NUMBER	CG1.01
SHEET	39 OF 98

SCALE (S) AS NOTED ON THIS SHEET ARE BASED ON A FULL SIZE 22 X 34 SHEET.

METROPOLITAN TOPEKA AIRPORT AUTHORITY

TOPEKA REGIONAL AIRPORT
RECONSTRUCT LOWER TAXIWAY ALPHA-DELTA

AIP CONSTRUCTION GRANT NO. 3-20-0113-047
6510 SE FORBES AVENUE, SUITE 1
TOPEKA, KANSAS 66619

NOTE:
SEE TECHNICAL SPECIFICATIONS C-102 FOR TEMPORARY AIR AND
WATER POLLUTION, SOIL EROSION AND SILTATION CONTROL.

[illegible]

ISSUED FOR BID

SHEET TITLE

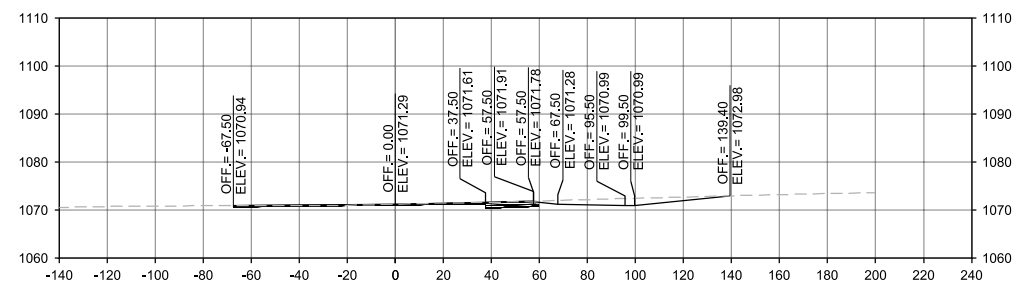
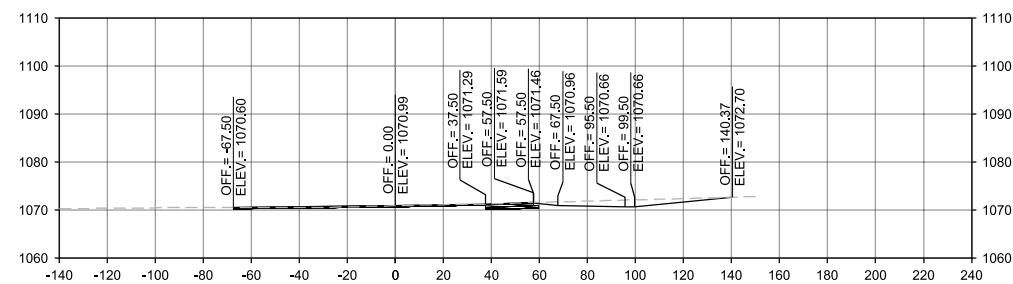
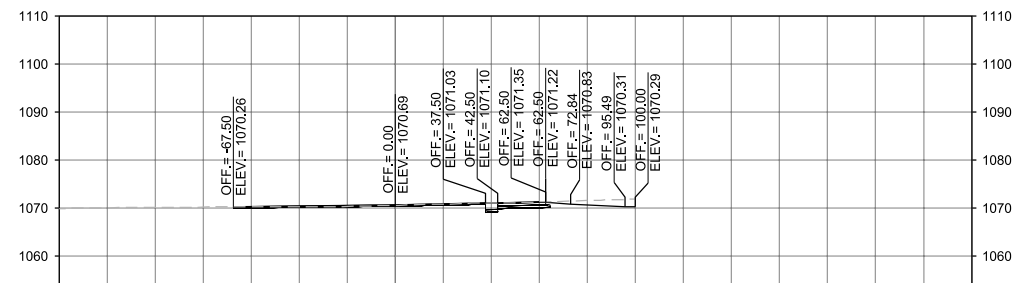
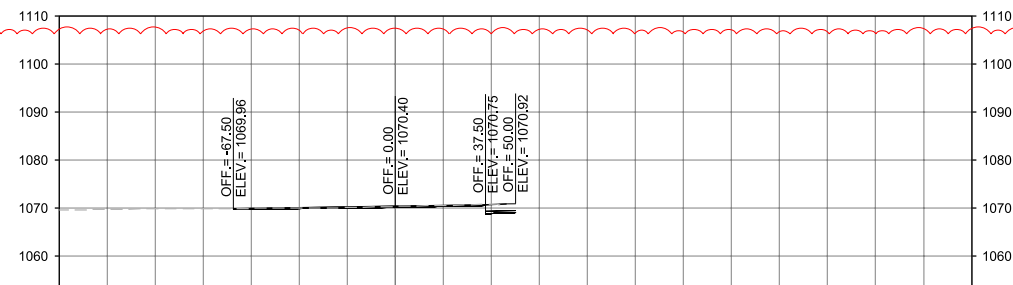
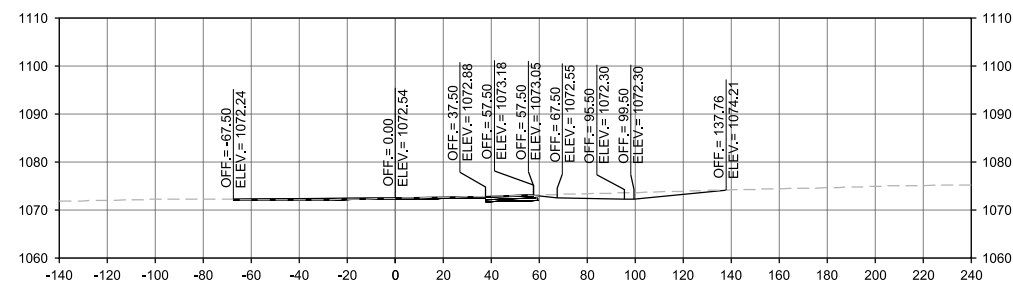
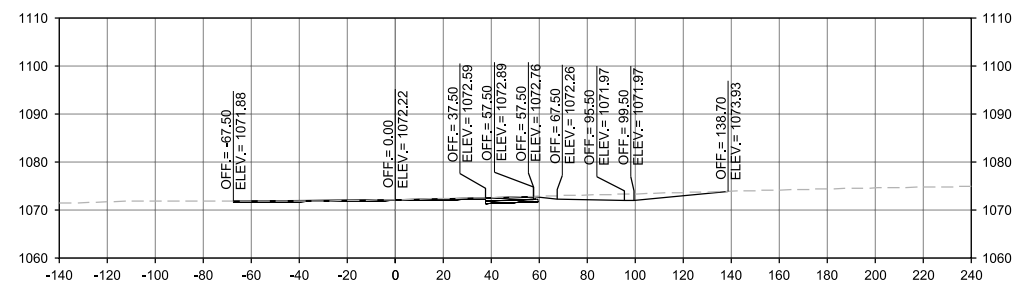
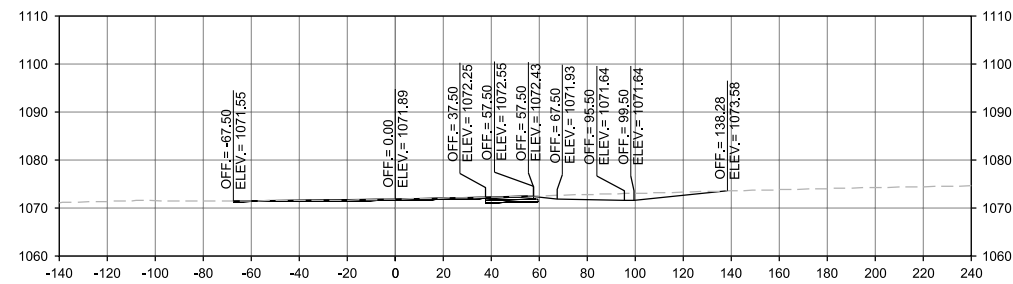
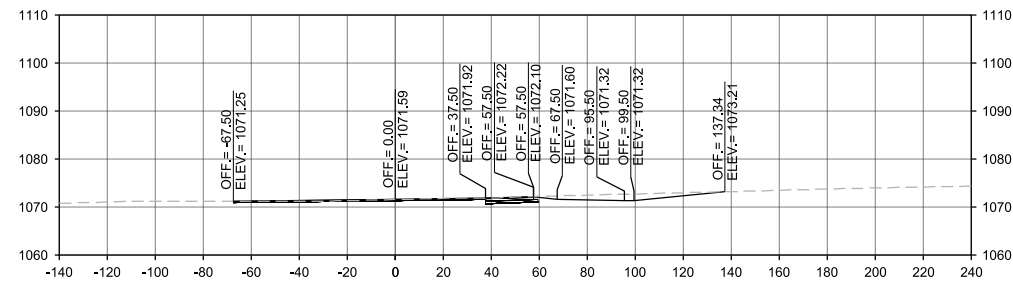
**TEMPORARY EROSION CONTROL
DETAILS SHEET 1 OF 5**

DATE	JANUARY 16, 2024
SCALE	N.T.S.
DRAWN BY	SSD
CHECKED BY	TMS
APPROVED BY	SFS

WSP PROJECT NUMBER 30900280J

SHEET NUMBER **CE5.01**

SHEET 57 OF 98



LEGEND:

———— PROPOSED PAVEMENT
———— PROPOSED GRADE
- - - - EXISTING GRADE

