ADDENDUM #1

TO: ALL PLANHOLDERS

FROM: CENTRAL ILLINOIS REGIONAL AIRPORT
3201 CIRA DRIVE
BLOOMINGTON, ILLINOIS 61704

BY: CRAWFORD, MURPHY & TILLY, INC.

SUBJECT: **ADDENDUM #1**
TO THE BIDDING DOCUMENTS FOR:
CONSTRUCT NEW GENERAL AVIATION
FACILITY – PHASE I
CENTRAL ILLINOIS REGIONAL AIRPORT
BLOOMINGTON, ILLINOIS
AIP PROJECT 3-17-0006-071/077; IL PROJ. BMI-4539
DATED: June 15, 2022

ADDENDUM
DATE: June 15, 2022

This Addendum forms part of the bidding and contract documents and is associated with the INVITATION FOR BIDS dated May 10, 2022. This addendum must be acknowledged on Page 21 of Volume 1 of the Contract (Bid) Documents. FAILURE TO DO SO MAY SUBJECT THE BIDDER TO DISQUALIFICATION.

VOLUME 1

1. Schedule of Prices

   REPLACE:

   All pages of the Schedule of Prices for Base Bid and Additive Alternate #1 with the attached Schedule of Prices for Base Bid and Additive Alternate #1.

VOLUME 2 GENERAL PROVISIONS

1. Section 20-01, Advertisement (Notice to Bidders).

   REPLACE this entire section with:
   See Volume 1 of the Contract Documents.

2. Section 20-02, Qualification of Bidders.

   REPLACE this entire section with:
   "Each bidder shall furnish the Owner satisfactory evidence of his or her competency to perform the proposed work. Such evidence of competency, unless otherwise specified, shall consist of statements covering the bidder's past experience on similar work, a list of equipment that would be available for the work, and a list of key personnel that would be available. In addition, each bidder shall furnish the Owner satisfactory evidence of his or her financial responsibility. Such evidence of financial responsibility, unless otherwise specified, shall consist of a confidential statement or report of the bidder's financial resources and liabilities as of the last calendar year or the bidder's last fiscal year. Such statements or reports shall be certified by a public accountant. At the time of

submitting such financial statements or reports, the bidder shall further certify whether his or her financial responsibility is approximately the same as stated or reported by the public accountant. If the bidder's financial responsibility has changed, the bidder shall qualify the public accountant's statement or report to reflect the bidder's true financial condition at the time such qualified statement or report is submitted to the Owner.

Unless otherwise specified, a bidder may submit evidence that he or she is prequalified with the State Highway Division and is on the current "bidder's list" of the state in which the proposed work is located. Such evidence of State Highway Division prequalification may be submitted as evidence of financial responsibility in lieu of the certified statements or reports specified above. Each bidder shall submit "evidence of competency" and "evidence of financial responsibility" to the Owner at the time of bid opening."

3. Section 20-03, Contents of proposal forms.
REPLACE this entire section with:
"The Owner shall furnish bidders with proposal forms. All papers bound with or attached to the proposal forms are necessary parts and must not be detached. The plans, specifications, and other documents designated in the proposal form shall be considered a part of the proposal whether attached or not."

4. Section 20-07, Preparation of proposal.
REPLACE this entire section with:
"The bidder shall submit his or her proposal on the forms furnished by the Owner. All blank spaces in the proposal forms must be correctly filled in where indicated for each and every item for which a quantity is given. The bidder shall state the price (written in ink or typed) both in words and numerals for which they propose to do for each pay item furnished in the proposal. In case of conflict between words and numerals, the words, unless obviously incorrect, shall govern. The bidder shall sign the proposal correctly and in ink. If the proposal is made by an individual, his or her name and post office address must be shown. If made by a partnership, the name and post office address of each member of the partnership must be shown. If made by a corporation, the person signing the proposal shall give the name of the state under the laws of which the corporation was chartered and the name, titles, and business address of the president, secretary, and the treasurer. Anyone signing a proposal as an agent shall file evidence of his or her authority to do so and that the signature is binding upon the firm or corporation."

5. Section 20-10, Bid guarantee.
REPLACE this entire section with:
"Each separate proposal shall be accompanied by a certified check, or other specified acceptable collateral, in the amount specified in the proposal form. Such check, or collateral, shall be made payable to the Owner."

6. Section 20-11, Delivery of proposal.
REPLACE this entire section with:
"Each proposal submitted shall be placed in a sealed envelope plainly marked with the project number, location of airport, and name and business address of the bidder on the outside. When sent by mail, preferably registered, the sealed proposal, marked as indicated above, should be enclosed in an additional envelope. No proposal will be considered unless received at the place specified in the advertisement or as modified by Addendum before the time specified for opening all bids. Proposals received after the bid opening time shall be returned to the bidder unopened."

7. Section 20-12, Withdrawal or revision of proposals.
REPLACE this entire section with:
"A bidder may withdraw or revise (by withdrawal of one proposal and submission of another) a proposal provided that the bidder's request for withdrawal is received by the Owner in writing or by email before the time specified for opening bids. Revised proposals must be received at the place specified in the advertisement before the time specified for opening all bids."

8. Section 20-15, Discrepancies and Omissions.
REMOVE this entire section.

9. Section 30-03, Cancellation of award.
REMOVE the following from this section:
"…and is approved by IDOT…"

10. Section 30-04, Return of proposal guaranty.

"All proposal guaranties, except those of the two lowest bidders, will be returned immediately after the Owner has made a comparison of bids as specified in the subsection 30-01 titled CONSIDERATION OF PROPOSALS of this section. Proposal guaranties of the two lowest bidders will be retained by the Owner until such time as an award is made, at which time, the unsuccessful bidder's proposal guaranty will be returned. The successful bidder's proposal guaranty will be returned as soon as the Owner receives the contract bonds as specified in the subsection 30-05 titled REQUIREMENTS OF CONTRACT BONDS of this section."

11. Section 30-05, Requirements of contract bonds.
REPLACE in this section:
All references to "…IDOT…" with "Owner"

12. Section 30-06, Execution of contract.
REPLACE in this section:
All references to "…IDOT…" with "Owner"

13. Section 30-07, Approval of contract.
REPLACE in this section:
All references to "…IDOT…" with "Owner"

14. Section 90-06, Partial payments.
REPLACE this entire section with:
"Partial payments will be made to the Contractor monthly as the work progresses. Said payments will be based upon estimates, prepared by the Engineer, of the value of the work performed and materials complete and in place, in accordance with the contract, plans, and specifications. Such partial payments may also include the delivered actual cost of those materials stockpiled and stored in accordance with the subsection 90-07 titled PAYMENT FOR MATERIALS ON HAND of this section. No partial payment will be made when the amount due to the Contractor since the last estimate amounts to less than five hundred dollars.

From the total of the amount determined to be payable on a partial payment, [insert amount of retainage, not to exceed 10% percent of such total amount will be deducted and retained by the Owner for protection of the Owner's interests. Unless otherwise instructed by the Owner, the amount retained by the Owner will be in effect until the final payment is made except as follows:

(1) Contractor may request release of retainage on work that has been partially accepted by the Owner in accordance with Section 50-14. Contractor must provide a certified invoice to the RPR that supports the value of retainage held by the Owner for partially accepted work.

(2) In lieu of retainage, the Contractor may exercise at its option the establishment of an escrow account per paragraph 90-08.

The Contractor is required to pay all subcontractors for satisfactory performance of their contracts no later than 30 days after the Contractor has received a partial payment. Contractor must provide the Owner evidence of prompt and full payment of retainage held by the prime Contractor to the subcontractor within 30 days after the subcontractor's work is satisfactorily completed. A subcontractor's work is satisfactorily completed when all the tasks called for in the subcontract

have been accomplished and documented as required by the Owner. When the Owner has made an incremental acceptance of a portion of a prime contract, the work of a subcontractor covered by that acceptance is deemed to be satisfactorily completed.

When at least 95% of the work has been completed, the Engineer shall, at the Owner's discretion and with the consent of the surety, prepare estimates of both the contract value and the cost of the remaining work to be done.

The Owner may retain an amount not less than twice the contract value or estimated cost, whichever is greater, of the work remaining to be done. The remainder, less all previous payments and deductions, will then be certified for payment to the Contractor.

It is understood and agreed that the Contractor shall not be entitled to demand or receive partial payment based on quantities of work in excess of those provided in the proposal or covered by approved change orders or supplemental agreements, except when such excess quantities have been determined by the Engineer to be a part of the final quantity for the item of work in question.

No partial payment shall bind the Owner to the acceptance of any materials or work in place as to quality or quantity. All partial payments are subject to correction at the time of final payment as provided in the subsection 90-09 titled ACCEPTANCE AND FINAL PAYMENT of this section.

The Contractor shall deliver to the Owner a complete release of all claims for labor and material arising out of this contract before the final payment is made. If any subcontractor or supplier fails to furnish such a release in full, the Contractor may furnish a bond or other collateral satisfactory to the Owner to indemnify the Owner against any potential lien or other such claim. The bond or collateral shall include all costs, expenses, and attorney fees the Owner may be compelled to pay in discharging any such lien or claim."

VOLUME 2 TECHNICAL SPECIFICATIONS

15. Item C-105, SECTION 105-5.2 Field Office Basis of measurement and payment

REPLACE the first paragraph with:

"The quantity of Field Office to be paid for shall be measured as a Lump Sum provided and furnished in an acceptable manner.

The payment will include all utility costs and shall be released to the Contractor in good condition at the end of the project.

The RPR Field Office pay item shall not include work or costs that are incidental to the project or paid under other unit prices, such as costs associated with mobilization, supervision, security, testing, administration, quality control, coordination with Quality Assurance, or traffic control."

16. Item P-101, Section 101-4.4, Remove Rubblized Pavement

REPLACE the first sentence with:

"The unit of measurement for Remove Rubblized Pavement shall be the number of square yards of rubblized pavement removed from its original position and transferred to the designated stockpile."

17. Item P-152, Section 152-1.5, TOPSOIL STRIPPING

ADD new section 152-1.5:
"Topsoil Stripping. Topsoil stripping shall consist of stripping the existing topsoil from the proposed areas to be excavated, proposed borrow areas, and below the proposed embankments. Topsoil shall consist of the material containing brush, sods, grass, decayed vegetable matter, or vegetation, approximately 6" in depth. Topsoil shall be stockpiled for re-distribution to facilitate the establishment of turf."

18. Item T-905 Topsoil (new specification)

ADD the attached T-905 specification between T-904 & T-908 of Volume 2.

19. Stormwater Pollution Prevention Plan (SWPPP)

ADD the attached SWPPP as Appendix 1 to Volume 2 of the Specifications.

PLANS

20. Plan Sheet GI002 INDEX TO SHEETS

REPLACE: The entirety of this sheet with the revised sheet included in this addendum.

Sheet has been revised to include new sheets that have been added to the set.

21. Plan Sheet GI003 SUMMARY OF QUANTITIES

REMOVE: The tables showing the Base Bid and Additive Alternate Summary of Quantities and refer to the Schedule of Prices.

REMOVE: Note #5

22. Plan Sheet GI200 ALIGNMENT INFORMATION

ADD: Alignment L11 CL SW BASIN has been added to this sheet.

23. Plan Sheet CD001 EXISTING PAVEMENT REMOVAL PLAN

REPLACE: The entirety of this sheet with the revised sheet included in this addendum.

Sheet has been revised to clarify the pavement sections.

24. Plan Sheet CD101 EXISTING CONDITIONS & REMOVALS 1

ADD: The following sentence at the end of Note #3: “CONTRACTOR MAY NOT DISTURB EXISTING PRIMARY ELECTRIC SERVICE UNTIL NEW SERVICE IS INSTALLED AND IN OPERATION.”

25. Plan Sheets CP301 and CP302 TYPICAL SECTIONS

ADD: A new Note #1: “THE FINAL PHASE 1 EARTHWORK GRADE SHALL BE TO THE TOP OF THE FUTURE PAVEMENT SURFACE SHOWN ON THESE TYPICAL SECTIONS.”

26. Plan Sheet CG101 GRADING & DRAINAGE PLAN 1

REPLACE: The entirety of this sheet with the revised sheet included in this addendum.

Sheet has been revised as follows:

(a) Swale on west side of Future TXY B1 has been removed.

(b) The westernmost 18” storm and associated Inlet IM-6 has been removed.

(c) Several drainage arrows are now correctly oriented with respects to the contours.

(d) A secondary borrow area is now shown in the drawing.

(e) Previously, no grading was shown for a portion of the existing taxiway that is being removed; but the removal of this pavement will result in a “cavity”. This sheet now shows filling in that cavity such that the proposed earthwork now matches the existing grades of the top of pavement.

27. Plan Sheet CG201 STORM SEWER PROFILE 1

REPLACE: The entirety of this sheet with the revised sheet included in this addendum.

Sheet has been revised as follows:

(a) Swale on west side of Future TXY B1 has been removed.

(b) The westernmost 18" storm and associated Inlet IM-6 has been removed.

(c) The profile showing Pipe IM6-IM2 has been removed.

28. Plan Sheet CG202 STORM SEWER PROFILE 2

ADD: The existing storm sewer manhole and storm sewer north of IM4-IM1 has been turned off.

The existing structure and sewer are correctly shown on Sheet 27 GRADING & DRAINAGE PLAN 1.

29. Plan Sheet CU508 STORM SEWER SCHEDULES

REMOVE: Structure IN IM-6 from the "STRUCTURE TABLE PHASE 1 BASE BID & ADDITIVIE ALTERNATE #1" table.

REMOVE: Pipe IM6-IM2 from the "PIPE SCHEDULE PHASE 1 BASE BID & ADDITIVIE ALTERNATE #1" table.

REMOVE: Structure IN IM-6 from the "STRUCTURE TABLE PHASE 1 BASE BID & ADDITIVIE ALTERNATE #1".

30. Plan Sheet LG501 EROSION CONTROL DETAILS

REPLACE: The entirety of this sheet with the revised sheet included in this addendum.

Sheet has been revised by adding three details: "BENCH AGAINST EXISTING 3:1 OR STEEPER SLOPES", "TOPSOIL STRIPPING – EXCAVATION", and "TOPSOIL STRIPPING – EMBANKMENT".

31. Plan Sheet EL101 ELECTRICAL PLAN 1

REPLACE: Note #6 with the following: "RELOCATED VASI POWER NEW 2-#6 (TYPE XLP-USE, 600V) 1-#8 GND IN 1-1/2" PVC SCH. 80 CONDUIT, TRENCHED, AND #1/0 BARE COPPER GUARD WIRE WITH 3/4"X10' GROUND ROD EVERY 90'.

32. Plan Sheet CG600 CROSS SECTION INDEX

REPLACE: The entirety of this sheet with the revised sheet included in this addendum.

Sheet has been revised as follows:

(a) Some sample lines have been adjusted and additional sample lines have been added to ensure all proposed grading is captured in the cross-sections and earthwork summary tables.

(b) All earthwork summary tables have been moved off this sheet to a new Sheet CG601.

(c) A new Note #4 has been added: "NO SHRINKAGE OR SWELL FACTORS HAVE BEEN INCORPORATED INTO THE EARTHWORK SUMMARY TABLES. ALL EARTHWORK QUANTITIES COMPARE PROPOSED AND EXISTING CONDITIONS AFTER THE REMOVAL OF EXISTING PAVEMENTS HAS ALREADY OCCURRED."

33. Plan Sheet CG601 SUMMARY OF EARTHWORK QUANTITIES

ADD: New Sheet CG601 SUMMARY OF EARTHWORK QUANTITIES, consisting of the earthwork summary tables. Note that the summary of earthwork quantities now includes the cut and fill associated with the south half of the project.

34. Plan Sheets CG610 and CG611 TXY B1 CROSS SECTIONS

REPLACE: The entirety of these sheets with the revised sheets included in this addendum. This is to incorporate the revised grading near Future TXY B1 described in addendum item #26 above.

35. Plan Sheet CG626 through CG635 SW BASIN SECTIONS

ADD: New Sheets CG626 SW BASIN SECTION 1 through CG635 SW BASIN SECTION 10, consisting of cross sections associated with the south half of the project.

ATTACHMENTS

- Updated Schedule of Prices for Base Bid and Additive Alternate #1
- T-905 Topsoil Specification
- Storm Water Pollution Prevention Plan (SWPPP)
- Updated Plan Sheet GI002 INDEX TO SHEETS
- Updated Plan Sheet GI200 ALIGNMENT INFORMATION
- Updated Plan Sheet CD001 EXISTING PAVEMENT REMOVAL PLAN
- Updated Plan Sheet GI002 INDEX TO SHEETS
- Updated Plan Sheet CG101 GRADING & DRAINAGE PLAN 1
- Updated Plan Sheet CG201 STORM SEWER PROFILE 1
- Updated Plan Sheet LG501 EROSION CONTROL & EMBANKMENT DETAILS
- Updated Plan Sheet CG600 CROSS SECTION INDEX
- New Plan Sheet CG601 SUMMARY OF EARTHWORK QUANTITIES
- Updated Plan Sheet CG610 TXY B1 CROSS SECTIONS 1
- Updated Plan Sheet CG611 TXY B1 CROSS SECTIONS 2
- New Plan Sheet CG626 SW BASIN SECTION 1
- New Plan Sheet CG627 SW BASIN SECTION 2
- New Plan Sheet CG628 SW BASIN SECTION 3
- New Plan Sheet CG629 SW BASIN SECTION 4
- New Plan Sheet CG630SW BASIN SECTION 5
- New Plan Sheet CG631 SW BASIN SECTION 6
- New Plan Sheet CG632 SW BASIN SECTION 7
- New Plan Sheet CG633 SW BASIN SECTION 8
- New Plan Sheet CG634 SW BASIN SECTION 9
- New Plan Sheet CG635 SW BASIN SECTION 10

ACKNOWLEDGEMENT

OF ADDENDUM #1:

To verify that all Contractors are in receipt of this addendum, Contractors are asked to sign and date this acknowledgement sheet. The Contractor should email msewell@cmtengr.com by June 21, 2023. This addendum must also be acknowledged on Page 21 of Volume 1 of the Contract (Bid) Documents. FAILURE TO DO SO MAY SUBJECT THE BIDDER TO DISQUALIFICATION.

To: Crawford, Murphy & Tilly, Inc.

Attention: Michael Sewell – msewell@cmtengr.com

The undersigned acknowledges receipt of Addendum #1:

Date Received:_____

Received By: _____

Representing: _____

City & State: _____

SCHEDULE OF PRICES - BASE BID **COMPLETE FOR BID**

PROJECT: CONSTRUCT NEW GENERAL AVIATION FACILITY - PHASE 1
AIRPORT: CENTRAL ILLINOIS REGIONAL AIRPORT
IL PROJ.: BMI-4539
DATE: 6/15/22 (ADDENDUM #1)

SCHEDULE OF PRICES - BASE BID

ITEM NO.	ITEM DESCRIPTION	UNITS	QTY	BID UNIT PRICE		TOTAL	
				DOLLARS	CENTS	DOLLARS	CENTS
C 102-5.1bb	INST. & REM. OF SILT FENCE	LF	5,300.0				
C 102-5.2bb	INLET PROTECTION	EA	13.0				
C 102-5.3bb	STABILIZED CONSTRUCTION EXIT	LS	1.0				
C 102-5.4bb	STRAW WATTLES	LF	350.0				
C 105-1.1bb	MOBILIZATION	LS	1.0				
C 105-1.2bb	RPR FIELD OFFICE	LS	1.0				
P 101-5.1bb	MILL HMA - 3"-9"	SY	37,100.0				
P 101-5.2bb	RUBBLIZE PCC	SY	28,900.0				
P 101-5.3bb	REMOVE RUBBLIZED PCC	SY	28,900.0				
P 101-5.4bb	REMOVE STORM PIPE	LF	225.0				
P 101-5.5bb	REMOVE INLET/MANHOLE/HDWL	EA	2.0				
P 101-5.6bb	REMOVE RUBBISH	LS	1.0				
P 101-5.7bb	CONSTRUCT MILLINGS ROAD	SY	1,300.0				
P 152-4.1bb	EMBANKMENT IN PLACE	CY	74,085.0				
P 152-4.2bb	SUBGRADE UNDERCUT	CY	500.0				
P 152-4.3bb	SUBGRADE UNDERCUT - BACKFILL	CY	500.0				
D 701-5.1bb	12" RCP, CLASS IV	LF	128.0				
D 701-5.2bb	15" RCP, CLASS IV	LF	318.0				
D 701-5.4bb	24" RCP, CLASS IV	LF	896.0				

ITEM NO.	ITEM DESCRIPTION	UNITS	QTY	BID UNIT PRICE		TOTAL	
				DOLLARS	CENTS	DOLLARS	CENTS
D 701-5.6bb	36" RCP, CLASS IV	LF	256.0				
D 701-5.7bb	42" RCP, CLASS IV	LF	312.0				
D 701-5.7bb	30" RCP, CLASS IV	LF	392.0				
D 705-5.1bb	6" PERF. UNDERDRAIN W/SOCK	LF	345.0				
D 705-5.2bb	6" NON-PERF. UNDERDRAIN	LF	25.0				
D 705-5.3bb	UNDERDRAIN-INLET CONNECTION	EA	1.0				
D 705-5.4bb	UNDERDRAIN TEE CONNECTION	EA	2.0				
D 705-5.5bb	REMOVE UNDERDRAIN	LF	5,030.0				
D 751-5.1bb	INLET - 3'	EA	7.0				
D 751-5.2bb	INLET - 5'	EA	2.0				
D 751-5.3bb	INLET - 6'	EA	1.0				
D 751-5.4bb	FLARED END SECTION	EA	2.0				
T 901-5.1bb	SEEDING	AC	48.0				
T 904-5.1bb	SODDING	SY	650.0				
T 908-5.1bb	HVY-DUTY HYDRAULIC MULCH	AC	48.0				
L 108-5.1bb	REMOVE CABLE	LF	6,600.0				
L 108-5.2bb	1/C #8 5 KV UG CABE	LF	600.0				
L 108-5.3bb	2/C #8 5 KV UG CABLE	LF	220.0				
L 108-5.4bb	2-#6 TYPE XLP-USE, 600V W/ 1-#8 GND	LF	770.0				
L 108-5.5bb	2-#6 TYPE XLP-USE, 600V W/ 1-#8 GND W/ #1/0 GD W	LF	1,430.0				
L 110-5.1bb	REMOVE PCC DUCT BANK	LF	600.0				
L 110-5.2bb	REMOVE CONDUIT	LF	2,200.0				
L 110-5.3bb	4" PVC SCH. 80 CONDUIT, TRENCHED	LF	2,440.0				
L 110-5.4bb	1.5" PVC SCH. 80 CONDUIT, TRENCHED	LF	2,970.0				
L 115-5.1bb	ELECTRICAL HANDHOLE	EA	5.0				

ITEM NO.	ITEM DESCRIPTION	UNITS	QTY	BID UNIT PRICE		TOTAL	
				DOLLARS	CENTS	DOLLARS	CENTS
L 125-5.1bb	SPLICE CAN	EA	1.0				
L 125-5.2bb	REMOVE & REINSTALL LIGHTED SIGN	EA	1.0				
L 125-5.3bb	REMOVE EDGE LIGHT	EA	1.0				
L 125-5.4bb	REMOVE SPLICE CAN	EA	3.0				
L 125-5.5bb	REMOVE SIGN & BASE	EA	8.0				
L 125-5.6bb	REMOVE DUCT MARKER	EA	7.0				

TOTAL BID CONSTRUCTION COST (BASE BID) = _____

SCHEDULE OF PRICES - ADDITIVE ALTERNATE 1 **COMPLETE FOR BID**

PROJECT: CONSTRUCT NEW GENERAL AVIATION FACILITY - PHASE 1
AIRPORT: CENTRAL ILLINOIS REGIONAL AIRPORT
IL PROJ.: BMI-4539
DATE: 6/15/22 (ADDENDUM #1)

SCHEDULE OF PRICES - ADDITIVE ALTERNATE 1

ITEM NO.	ITEM DESCRIPTION	UNITS	QTY	BID UNIT PRICE		TOTAL	
				DOLLARS	CENTS	DOLLARS	CENTS
C 102-5.2a1	INLET PROTECTION	EA	15.0				
C 105-1.1a1	MOBILIZATION	LS	1.0				
D 701-5.1a1	12" RCP, CLASS IV	LF	832.0				
D 701-5.2a1	15" RCP, CLASS IV	LF	656.0				
D 701-5.3a1	18" RCP, CLASS IV	LF	456.0				
D 751-5.1a1	INLET - 3'	EA	15.0				

TOTAL BID CONSTRUCTION COST (ADDITIVE ALTERNATE #1) = _____

Item T-905 Topsoil

DESCRIPTION

905-1.1 This item shall consist of preparing the ground surface for topsoil application, removing topsoil from designated stockpiles or areas to be stripped on the site or from approved sources off the site, and placing and spreading the topsoil on prepared areas in accordance with this specification at the locations shown on the plans or as directed by the RPR.

MATERIALS

905-2.1 Topsoil. Topsoil shall be the surface layer of soil with no admixture of refuse or any material toxic to plant growth, and it shall be reasonably free from subsoil and stumps, roots, brush, stones (2 inches or more in diameter), and clay lumps or similar objects. Brush and other vegetation that will not be incorporated with the soil during handling operations shall be cut and removed. Ordinary sod and herbaceous growth such as grass and weeds are not to be removed, but shall be thoroughly broken up and intermixed with the soil during handling operations. Heavy sod or other cover, which cannot be incorporated into the topsoil by discing or other means, shall be removed.

Topsoil shall be stripped from proposed excavation and embankment areas.

905-2.2 Inspection and tests. Not used.

CONSTRUCTION METHODS

905-3.1 General.

Areas to be topsoiled using material stripped from the site shall include:

- Disturbed areas, exclusive of "Future Pavement – by Others"
- Drainage swales,
- Drainage basins
- Other areas required for turf establishment as shown on the plans or as required by the SWPPP.

Suitable equipment necessary for proper preparation and treatment of the ground surface, stripping of topsoil, and for the handling and placing of all required materials shall be on hand, in good condition, and approved by the RPR before the various operations are started.

905-3.2 Preparing the ground surface. Immediately prior to dumping and spreading the topsoil on any area, the surface shall be loosened by discs or spike-tooth harrows, or by other means approved by the RPR, to a minimum depth of 2 inches (50 mm) to facilitate bonding of the topsoil to the covered subgrade soil. The surface of the area to be topsoiled shall be cleared of all stones larger than 2 inches (50 mm) in any diameter and all litter or other material which may be detrimental to proper bonding, the rise of capillary moisture, or the proper growth of the desired planting. Limited areas, as shown on the plans, which are too compact to respond to these operations shall receive special scarification.

Grades on the area to be topsoiled, which have been established by others as shown on the plans, shall be maintained in a true and even condition. Where grades have not been established, the areas shall be smooth-graded and the surface left at the prescribed grades in an even and compacted condition to prevent the formation of low places or pockets where water will stand.

905-3.3 Obtaining topsoil. Prior to the stripping of topsoil from designated areas, any vegetation, briars, stumps and large roots, rubbish or stones found on such areas, which may interfere with subsequent operations, shall be removed using methods approved by the RPR. Heavy sod or other cover, which cannot be incorporated into the topsoil by discing or other means shall be removed.

When suitable topsoil is available on the site, the Contractor shall remove this material from the designated areas and to the depth as directed by the RPR. The topsoil shall be stockpiled in areas approved by the RPR. Any topsoil stockpiled by the Contractor shall be rehandled and placed without additional compensation. Any topsoil that has been stockpiled on the site by others, and is required for topsoil purposes, shall be removed and placed by the Contractor. The sites of all stockpiles and areas adjacent thereto which have been disturbed by the Contractor shall be graded if required and put into a condition acceptable for seeding.

905-3.4 Placing topsoil. The topsoil shall be evenly spread on the prepared areas. Spreading shall not be done when the ground or topsoil is frozen, excessively wet, or otherwise in a condition detrimental to the work. Spreading shall be carried on so that turfing operations can proceed with a minimum of soil preparation or tilling.

After spreading, any large, stiff clods and hard lumps shall be broken with a pulverizer or by other effective means, and all stones or rocks (2 inches (50 mm) or more in diameter), roots, litter, or any foreign matter shall be raked up and disposed of by the Contractor. After spreading is completed, the topsoil shall be satisfactorily compacted by rolling with a cultipacker or by other means approved by the RPR. The compacted topsoil surface shall conform to the required lines, grades, and cross-sections. Any topsoil or other dirt falling upon pavements as a result of hauling or handling of topsoil shall be promptly removed.

METHOD OF MEASUREMENT

905-4.1 Topsoil shall not be measured for payment.

905-4.2 Not used.

BASIS OF PAYMENT

905-5.1 No separate payment will be made for this item. Work shall be considered incidental to Item P-152-4.1 Embankment In Place.

REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.

ASTM International (ASTM)

ASTM C117	Materials Finer than 75 μm (No. 200) Sieve in Mineral Aggregates by Washing

Advisory Circulars (AC)

AC 150/5200-33 Hazardous Wildlife Attractants on or Near Airports

FAA/United States Department of Agriculture

Wildlife Hazard Management at Airports, A Manual for Airport Personnel

END OF ITEM T-905

Storm Water Pollution Prevention Plan

Route N/A Marked N/A

Section CENTRAL ILLINOIS REGIONAL AIRPORT Project No. BMI-4539

County MCLEAN

This plan has been prepared to comply with the provisions of the NPDES Permit Number ILR10, issued by the Illinois Environmental Protection Agency for storm water discharges from Construction Site Activities.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature Date

Executive Director
Title

1. Site Description

a. The following is a description of the construction activity which is the subject of this plan (use additional pages, as necessary):

Remove existing runway and taxiway; strip topsoil; perform excavation to construct embankment for future pavements and tee hangars; install storm sewer; construct detention basins; seeding, mulching & sodding; install erosion control measures; other appurtenant work

b. The following is a description of the intended sequence of major activities which will disturb soils for major portions of the construction site, such as grubbing, excavation and grading (use additional pages, as

The improvements will consist of the following: Remove pavement; strip topsoil; excavate; install storm sewer; construct embankments; place topsoil and seed/sod/mulch.

c. The total area of the construction site is estimated to be **48±** acres.

The total area of the site that it is estimated will be disturbed by excavation, grading or other activities **48±** acres.

d. ~~The estimated runoff coefficients of the various areas of the site after construction activities are completed are contained in the project drainage study which is hereby incorporated by reference in this plan. Information describing the soils at the site is contained either in the Soils Report for the project, which is hereby incorporated by reference, or in an attachment to this plan~~.

e. The ~~design/project report, hydraulic report, or~~ plan documents, hereby incorporated by reference, contain site map(s) indicating drainage patterns and approximate slopes anticipated after major grading activities, areas of major soil disturbance, the location of major structural and nonstructural controls identified in the plan, the location of areas where stabilization practices are expected to occur, surface waters (including wetlands), and locations where storm water is discharged to a surface water.

f. ~~The names of receiving water(s) and areal extent of wetland acreage at the site are in the design/project report or plan documents which are incorporated by reference as a part of this plan.~~

2. Controls

This section of the plan addresses the various controls that will be implemented for each of the major construction activities described in 1.b. above. For each measure discussed, the contractor that will be responsible for its implementation is indicated. Each such contractor has signed the required certification on forms which are attached to, and a part of, this plan:

a. Erosion and Sediment Controls

(i) Stabilization Practices. Provided below is a description of interim and permanent stabilization practices, including site-specific scheduling of the implementation of the practices. Site plans will ensure that existing vegetation is preserved where attainable and disturbed portions of the site will be stabilized. Stabilization practices may include: temporary seeding, permanent seeding, mulching, geotextiles, sod stabilization, vegetative buffer strips, protection of trees, preservation of mature vegetation, and other appropriate measures. Except as provided in 2.a.(i).(A) and 2.b., stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, but in no case more than 14 days after the construction activity in that portion of the site has temporarily or permanently ceased on all disturbed portions of the site where construction activity will not occur for a period of 21 or more calendar days.

(A) Where the initiation of stabilization measures by the 14th day after construction activity temporarily or permanently ceases is precluded by snow cover, stabilization measures shall be initiated as soon as practicable thereafter.

Description of Stabilization Practices (use additional pages, as necessary):

1. **Temporary Stabilization - In areas of new soil embankments, existing vegetation, silt fence, straw wattles, and inlet protection will serve to intercept the waterborne silts and prevent it from entering the storm drain system or leaving the site. See plan sheets.**
2. **Permanent Stabilization - All areas disturbed by construction operations will be stabilized with permanent seeding and mulching following final grading. Other erosion control devices may be placed in problem locations as needed when approved by the Airport.**

(ii) Structural Practices. Provided below is a description of structural practices that will be implemented, to the degree attainable, to divert flows from exposed soils, store flows or otherwise limit runoff and the discharge of pollutants from exposed areas of the site. Such practices may include silt fences, earth dikes, drainage swales, sediment traps, check dams, subsurface drains, pipe slope drains, level spreaders, storm drain inlet protection, rock outlet protection, reinforced soil retaining systems, gabions and temporary or permanent sediment basins. The installation of these devices may be subject to Section 404 of the Clean Water Act.

Description of Structural Practices (use additional pages, as necessary):

- ***Inlet Protection*** **- In-place before all earthmoving activities to prevent waterborne silts from entering the existing storm drain system. The purpose of this practice is to help prevent sediment from entering storm drains until the contributing watershed is stabilized and allows early use of the storm drainage system.**
- ***Silt Fence*** **- In-place before all earthmoving activities to prevent waterborne silts from entering the existing storm drain systems and existing / new swales. The purpose of this practice is to help prevent unwanted sediment from traveling across the project area until the contributing watershed is stabilized and allows early use of the storm drainage system.**
- ***Straw Wattles –*** **In-place before all earthmoving activity and ditch grading to prevent waterborne silts from entering the existing storm drain systems and swales.**

b. Storm Water Management

Provided below is a description of measures that will be installed during the construction process to control pollutants in storm water discharges that will occur after construction operations have been completed. The installation of these devices may be subject to Section 404 of the Clean Water Act.

(I) Such practices may include: storm water detention structures (including wet ponds); storm water retention structures; flow attenuation by use of open vegetated swales and natural depressions; infiltration of runoff on site; and sequential systems (which combine several practices).

The practices selected for implementation were determined on the basis of the technical guidance in Section 10-300 (Design Considerations) in Chapter 10 (Erosion and Sedimentation Control) of the Illinois Department of Transportation Drainage Manual. If practices other than those discussed in Section 10-300 are selected for implementation or if practices are applied to situations different from those covered in Section 10-300, the technical basis for such decisions will be explained below.

(ii) Velocity dissipation devices will be placed at discharge locations and along the length of any outfall channel as necessary to provide a non-erosive velocity flow from the structure to a water course so that the natural physical and biological characteristics and functions are maintained and protected (e.g., maintenance of hydrologic conditions, such as the hydroperiod and hydrodynamics present prior to the initiation of construction activities).

Description of Storm Water Management Controls (use additional pages, as necessary):

The existing storm water management system will continue to be utilized after construction.

c. Other Controls

(i) Waste Disposal. No solid materials, including building materials, shall be discharged into Waters of the State, except as authorized by a Section 404 permit.

(ii) The provisions of this plan shall ensure and demonstrate compliance with applicable State and/or local waste disposal, sanitary sewer or septic system regulations.

(iii) Prevent offsite tracking of sediments and generation of dust. Stabilized construction entrances or vehicle washing racks should be installed at locations where vehicles leave the site. Where dust may be a problem, implement dust control measures such as irrigation.

d. Approved State or Local Plans

The management practices, controls and provisions contained in this plan will be in accordance with IDOT specifications, which are at least as protective as the requirements contained in the Illinois Environmental Protection Agency's Illinois Urban Manual, 1995. Procedures and requirements specified in applicable sediment and erosion site plans or storm water management plans approved by local officials shall be described or incorporated by reference in the space provided below. Requirements specified in sediment and erosion site plans or site permits or storm water management site plans or site permits approved by local officials that are applicable to protecting surface water resources are, upon submittal of an NOI to be authorized to discharge under permit ILR10 incorporated by reference and are enforceable under this permit even if they are not specifically included in the plan.

Description of procedures and requirements specified in applicable sediment and erosion site plans or storm water management plans approved by local officials:

Not applicable.

3. Maintenance

The following is a description of procedures that will be used to maintain, in good and effective operating conditions, vegetation, erosion and sediment control measures and other protective measures identified in this plan (use additional pages, as necessary):

During construction, the contractor shall:

- **Clean up, stabilize and grade work area to eliminate concentration of runoff.**
- **Maintain or replace erosion control items as directed by the Resident Engineer.**

All maintenance of erosion control systems will be the responsibility of the contractor. All locations where vehicles enter and exit the construction site and all other areas subject to erosion should also be inspected periodically. Inspection of these areas shall be made at least once every seven days and within 24 hours of the end of each 0.5 inches or greater rainfall, or an equivalent snowfall.

Contractor shall follow inspection procedures as described in the Inspections section below. The contractor's responsibility shall end *after* final acceptance of the project.

4. Inspections

Qualified personnel shall inspect disturbed areas of the construction site which have not been finally stabilized, structural control measures, and locations where vehicles enter or exit the site. Such inspections shall be conducted at least once every seven (7) calendar days and within 24 hours of the end of a storm that is 0.5 inches or greater or equivalent snowfall.

a. Disturbed areas and areas used for storage of materials that are exposed to precipitation shall be inspected for evidence of, or the potential for, pollutants entering the drainage system. Erosion and sediment control measures identified in the plan shall be observed to ensure that they are operating correctly. Where discharge locations or points are accessible, they shall be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to receiving waters. Locations where vehicles enter or exit the site shall be inspected for evidence of off site sediment tracking.

b. Based on the results of the inspection, the description of potential pollutant sources identified in section 1 above and pollution prevention measures identified in section 2 above shall be revised as appropriate as soon as practicable after such inspection. Any changes to this plan resulting from the required inspections shall be implemented within 7 calendar days following the inspection.

c. A report summarizing the scope of the inspection, name(s) and qualifications of personnel making the inspection, the date(s) of the inspection, major observations relating to the implementation of this storm water pollution prevention plan, and actions taken in accordance with section 4.b. shall be made and retained as part of the plan for at least three (3) years after the date of the inspection. The report shall be signed in accordance with Part VI. G of the general permit.

d. If any violation of the provisions of this plan is identified during the conduct of the construction work covered by this plan, the Resident Engineer or Resident Technician shall complete and file an “Incidence of Noncompliance” (ION) report for the identified violation. The Resident Engineer or Resident Technician shall use forms provided by the Illinois Environmental Protection Agency and shall include specific information on the cause of noncompliance, actions which were taken to prevent any further causes of noncompliance, and a statement detailing any environmental impact which may have resulted from the noncompliance. All reports of noncompliance shall be signed by a responsible authority in accordance with Part VI. G of the general permit.

The report of noncompliance shall be mailed to the following address:

Illinois Environmental Protection Agency
Division of Water Pollution Control
Attn: Compliance Assurance Section
1021 North Grand East
Post Office Box 19276
Springfield, Illinois 62794-9276

5. Non-Storm Water Discharges

Except for flows from fire fighting activities, sources of non-storm water that is combined with storm water discharges associated with the industrial activity addressed in this plan must be described below. Appropriate pollution prevention measures, as described below, will be implemented for the non-storm water component(s) of the discharge. (Use additional pages as necessary to describe non-storm water discharges and applicable pollution control measures).

Not applicable.

Contractor Certification Statement

This certification statement is a part of the Storm Water Pollution Prevention Plan for the project described below, in accordance with NPDES Permit No. ILR10, issued by the Illinois Environmental Protection Agency on May 14, 1998.

Project Information: Hanger Site and Pavement Rehab

Route N/A Marked N/A

Section CENTRAL ILLINOIS REGIONAL AIRPORT Project No. BMI-4539

County MCLEAN

I certify under penalty of law that I understand the terms of the general National Pollutant Discharge Elimination System (NPDES) permit (ILR 10) that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification.

Signature

Date

Title

Name of Firm

Street Address

City IL State

Zip Code

Telephone Number

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6	GI200	ALIGNMENT INFORMATION
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CONSULTANTS

100% FOR BIDDING
MAY 23, 2022

CONSTRUCT NEW GENERAL AVIATION FACILITY - PHASE I

OWNER

Central Illinois Regional Airport at Bloomington-Normal

BLOOMINGTON-NORMAL AIRPORT AUTHORITY
CENTRAL ILLINOIS REGIONAL AIRPORT
BLOOMINGTON, ILLINOIS

MARK	DATE	DESCRIPTION
1	6/15/22	ADDENDUM #1

AIP PROJ. NO.	3-17-0006-071/077
IL. PROJ. NO.	BMI-4539
CMT PROJECT NO:	19008501-10
CAD DWG FILE:	19008501-PH1-GI002.DWG
DESIGNED BY:	EMH
DRAWN BY:	DPA
CHECKED BY:	MJD
APPROVED BY:	MBS
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SHEET TITLE
INDEX TO SHEETS

GI002

SHEET 2 OF 88

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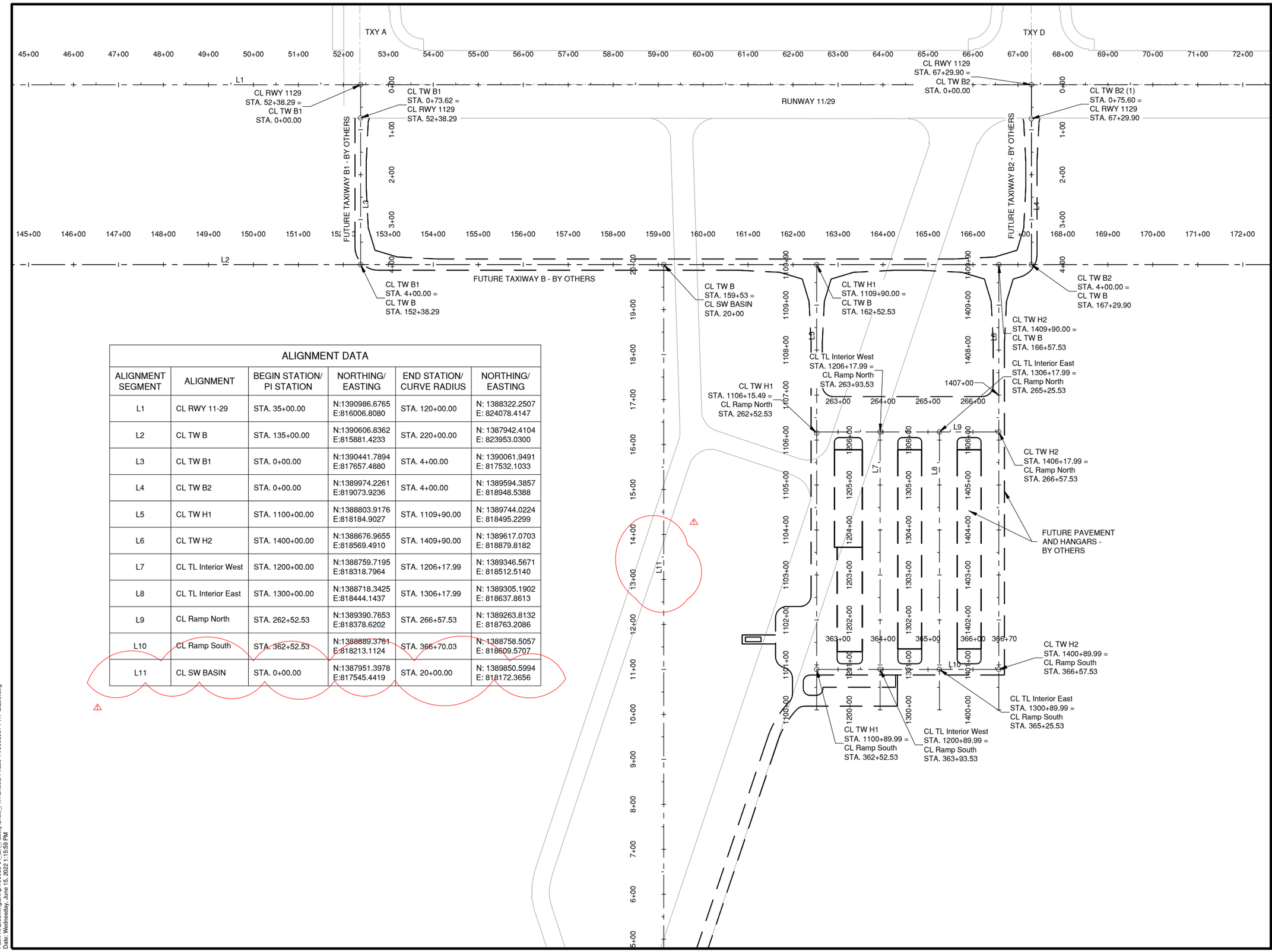

ALIGNMENT DATA					
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L1	CL RWY 11-29	STA. 35+00.00	N:1390986.6765 E:816006.8080	STA. 120+00.00	N: 1388322.2507 E: 824078.4147
L2	CL TW B	STA. 135+00.00	N:1390606.8362 E:815881.4233	STA. 220+00.00	N: 1387942.4104 E: 823953.0300
L3	CL TW B1	STA. 0+00.00	N:1390441.7894 E:817657.4880	STA. 4+00.00	N: 1390061.9491 E: 817532.1033
L4	CL TW B2	STA. 0+00.00	N:1389974.2261 E:819073.9236	STA. 4+00.00	N: 1389594.3857 E: 818948.5388
L5	CL TW H1	STA. 1100+00.00	N:1388803.9176 E:818184.9027	STA. 1109+90.00	N: 1389744.0224 E: 818495.2299
L6	CL TW H2	STA. 1400+00.00	N:1388676.9655 E:818569.4910	STA. 1409+90.00	N: 1389617.0703 E: 818879.8182
L7	CL TL Interior West	STA. 1200+00.00	N:1388759.7195 E:818318.7964	STA. 1206+17.99	N: 1389346.5671 E: 818512.5140
L8	CL TL Interior East	STA. 1300+00.00	N:1388718.3425 E:818444.1437	STA. 1306+17.99	N: 1389305.1902 E: 818637.8613
L9	CL Ramp North	STA. 262+52.53	N:1389390.7653 E:818378.6202	STA. 266+57.53	N: 1389263.8132 E: 818763.2086
L10	CL Ramp South	STA. 362+52.53	N:1388889.3761 E:818213.1124	STA. 366+70.03	N: 1388758.5057 E: 818609.5707
L11	CL SW BASIN	STA. 0+00.00	N:1387951.3978 E:817545.4419	STA. 20+00.00	N: 1389850.5994 E: 818172.3656

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0 100' 200'

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MAY 23, 2022

CONSTRUCT NEW GENERAL AVIATION FACILITY - PHASE I

OWNER

Central Illinois Regional Airport at Bloomington-Normal

BLOOMINGTON-NORMAL AIRPORT AUTHORITY
CENTRAL ILLINOIS REGIONAL AIRPORT
BLOOMINGTON, ILLINOIS

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IL. PROJ. NO.	BMI-4539
CMT PROJECT NO:	19008501-10
CAD DWG FILE:	19008501-PH1-GI200.DWG
DESIGNED BY:	EMH
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ALIGNMENT INFORMATION

GI200

SHEET 6 OF 88

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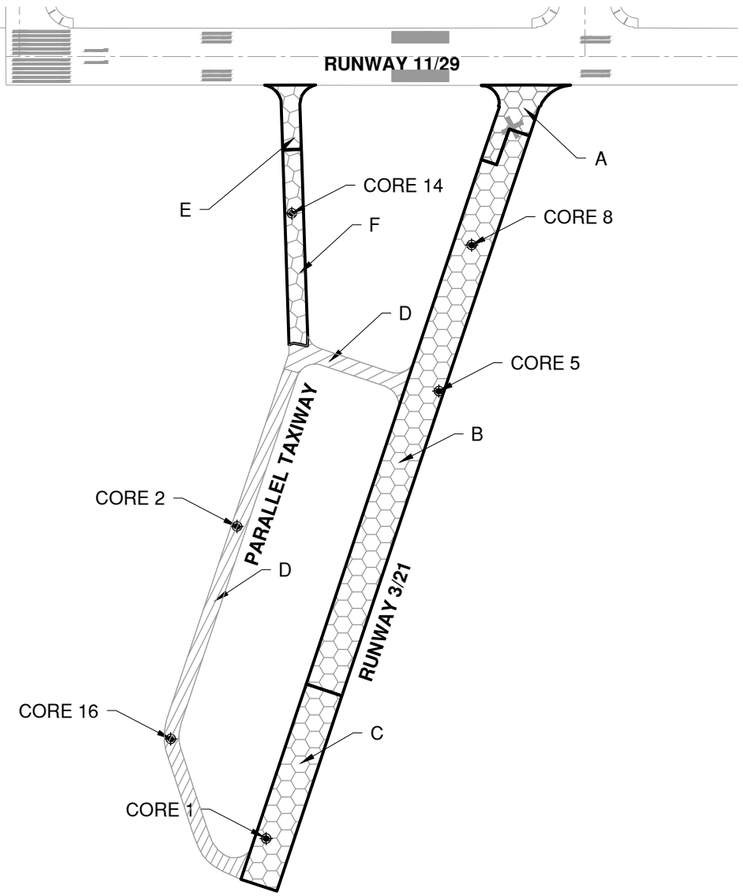


DISCLAIMER

1. PAVEMENT STRUCTURES SHOWN ALPHABETICALLY IN THIS TABLE WERE TAKEN FROM RECORD DRAWINGS AND ARE CONSIDERED GENERALLY REPRESENTATIVE OF THE "AS CONSTRUCTED" PAVEMENT SECTION WITH SOME VARIABILITY FROM THE THICKNESS INDICATED TO BE EXPECTED. THERE WILL BE NO ADDITIONAL PAYMENT TO THE CONTRACTOR DUE TO VARIATIONS IN SIZE, THICKNESS, OR QUANTITY OF EXISTING FEATURES.

CD001 - ADJUSTED

ID	THICK	MATERIAL	ITEM
A	VAR	BITUMINOUS TRANSITION	401
	7 "	PCC PAVEMENT	501
	6 "	GRANULAR SUBBASE	154
B	3" & VAR	HMA	401
	7 "	PCC PAVEMENT	501
	6 "	GRANULAR SUBBASE	154
C	3" & VAR	HMA	401
	8 "	PCC PAVEMENT	501
	6 "	GRANULAR SUBBASE	154
D	3" & VAR	HMA	401
	2 "	HMA	401
	7 "	GRADED AGG. BASE	208
E	VAR	BITUMINOUS TRANSITION	-
	3 "	HMA	401
	8 "	PCC, CRACK & SEAT	208
	11 "	GRANULAR SUBBASE	154
F	3 "	HMA	401
	8 "	PCC, CRACK & SEAT	208
	11 "	GRANULAR SUBBASE	154

NOTES

1. PAVEMENT THICKNESSES SHOWN NUMERICALLY REPRESENT PAVEMENT THICKNESSES REPORTED AS A RESULT OF PAVEMENT CORING.

Core Number	Asphalt Thickness (in)	Concrete Thickness (in)	Aggregate Base Thickness (in)	Aggregate Base Type
1	3-3/4	10-1/4	4	Sand & Gravel
2	8-1/2	None	9-1/2	Recycled Concrete
5	4-1/2	7-1/2	7	Clayey Sand & Gravel
8	4-3/4	3-3/4	7	Sand & Gravel
14	3-1/4	None	8-3/4	Sand & Gravel
16	7-1/4	None	4-3/4	Sand & Gravel

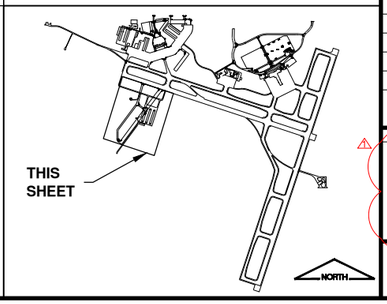
LEGEND

MILL HMA 3"-9"

MILL HMA 3"-9" (P-101)
& RUBBLIZE PCC PAVEMENT (P-101)

REMOVE RUBBLIZED PCC (P-101)

KEY MAP



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0 200' 400'

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MAY 23, 2022

CONSTRUCT NEW GENERAL AVIATION FACILITY - PHASE I

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BLOOMINGTON-NORMAL AIRPORT AUTHORITY
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CAD DWG FILE:	19008501-PH1-CD001.DWG
DESIGNED BY:	EMH
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EXISTING PAVEMENT REMOVAL PLAN

CD001

SHEET 13 OF 88

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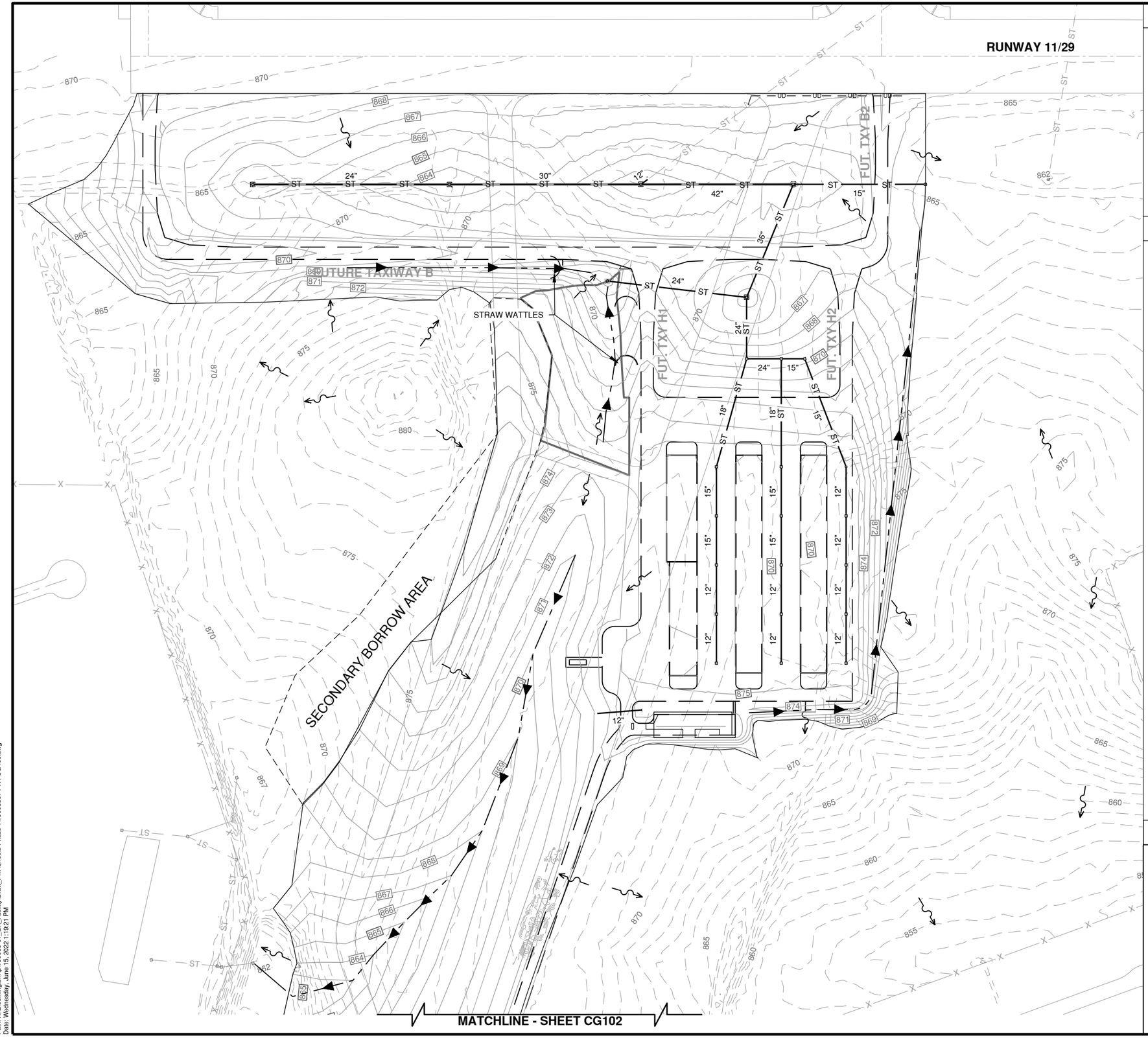
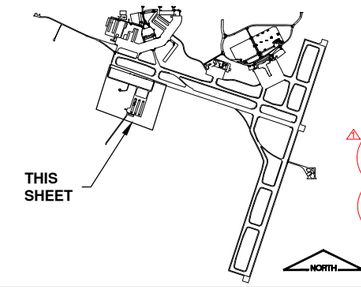


NOTES

LEGEND

- FUTURE PAVEMENT EDGE (BY OTHERS)
- PROPOSED DITCH FLOWLINE
- 589 PROPOSED CONTOUR
- 589 EXISTING CONTOUR

KEY MAP



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GRADING & DRAINAGE PLAN 1

CG101

SHEET 27 OF 88

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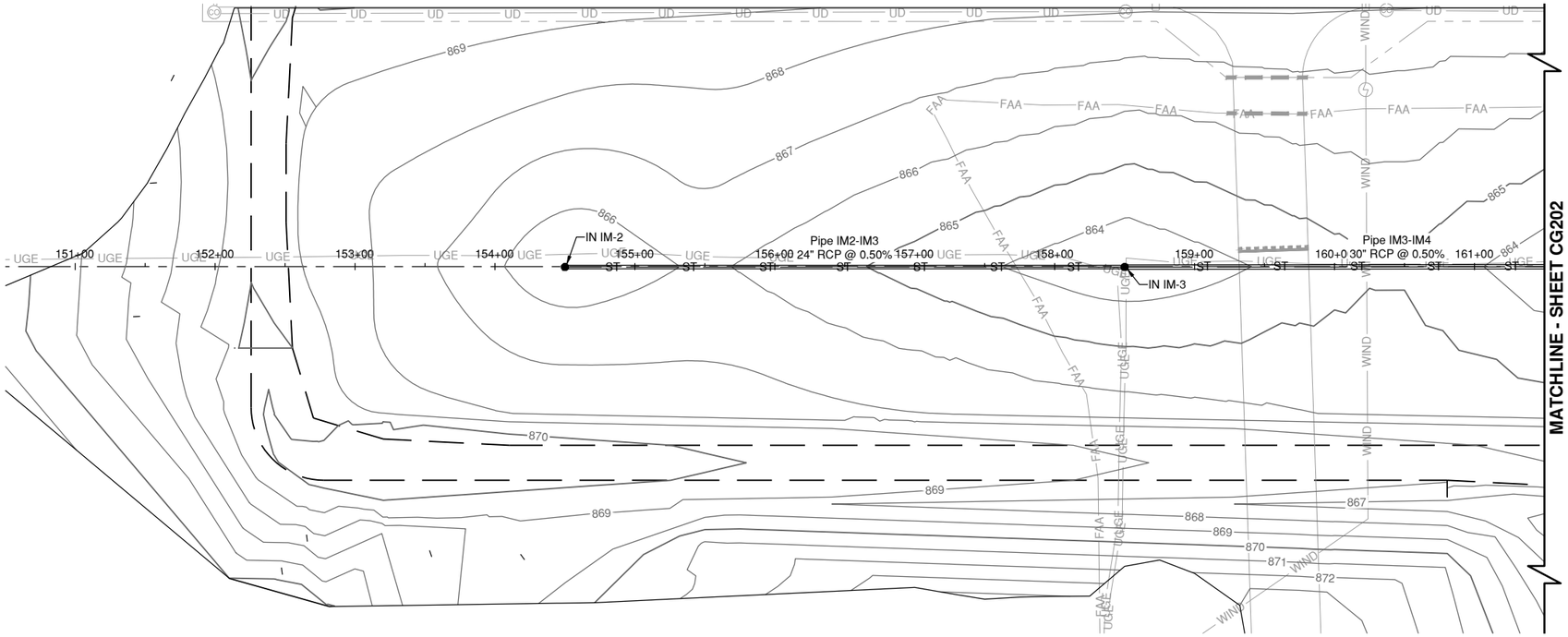
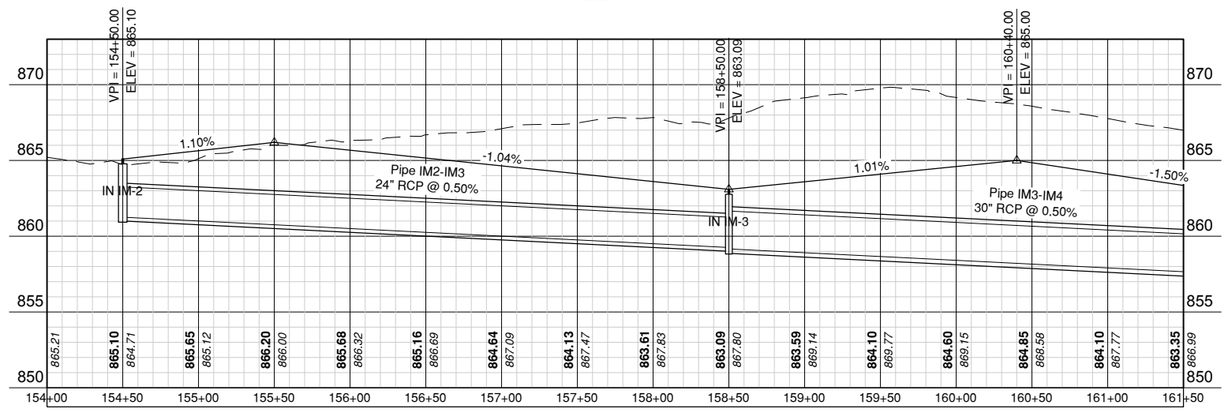
PLAN



PROFILE



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CMT

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CONSULTANTS

N

0 50 100 Feet

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CONSTRUCT NEW GENERAL AVIATION FACILITY - PHASE I

OWNER

Central Illinois Regional Airport at Bloomington-Normal

BLOOMINGTON-NORMAL AIRPORT AUTHORITY
CENTRAL ILLINOIS REGIONAL AIRPORT
BLOOMINGTON, ILLINOIS

MARK	DATE	DESCRIPTION
1	6/15/22	ADDENDUM #1

AIP PROJ. NO.	3-17-0006-071/077
IL. PROJ. NO.	BMI-4539
CMT PROJECT NO:	19008501-10
CAD DWG FILE:	19008501-PH1-CG201.DWG
DESIGNED BY:	EMH
DRAWN BY:	DPA
CHECKED BY:	MJD
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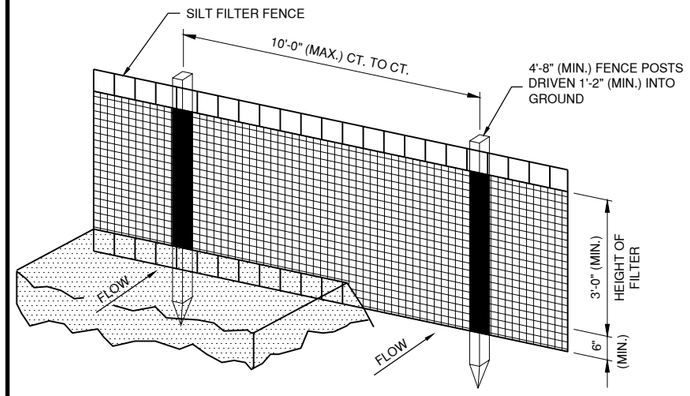
SHEET TITLE

STORM SEWER PROFILE 1

CG201

SHEET 30 OF 88



PERSPECTIVE VIEW

EROSION CONTROL FABRIC FENCE DETAILS

N.T.S.

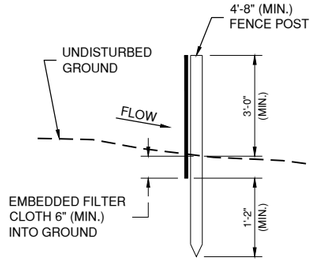
EROSION CONTROL FABRIC FENCE NOTES

WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.

FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 2'-0" AT TOP AND MID SECTION.

WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY 6" MINIMUM AND FOLDED.

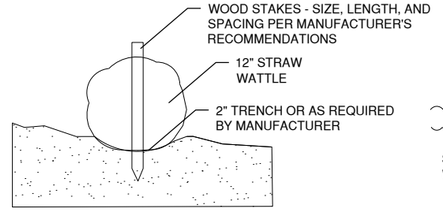
MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE. MAINTENANCE, WHICH INCLUDES THE REPLACEMENT OF DAMAGED FENCE SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE EROSION CONTROL FENCE.



SECTION

BENCH AGAINST EXISTING 3:1 OR STEEPER SLOPES

N.T.S.



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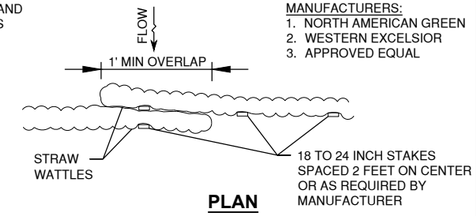
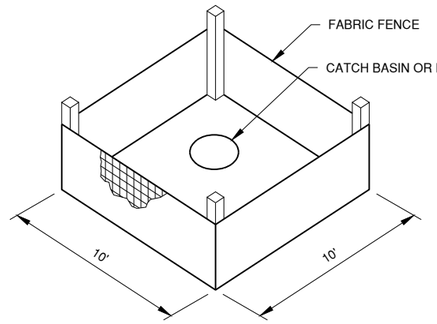


PLAN

MANUFACTURERS:
1. NORTH AMERICAN GREEN
2. WESTERN EXCELSIOR
3. APPROVED EQUAL

STRAW WATTLES

N.T.S.



INLET PROTECTION WITH FABRIC

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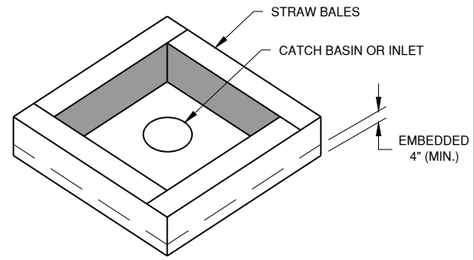

INLET PROTECTION WITH STRAW BALES

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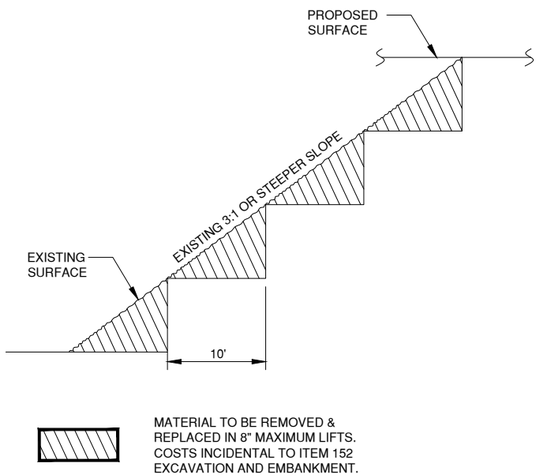

BENCH AGAINST EXISTING 3:1 OR STEEPER SLOPES

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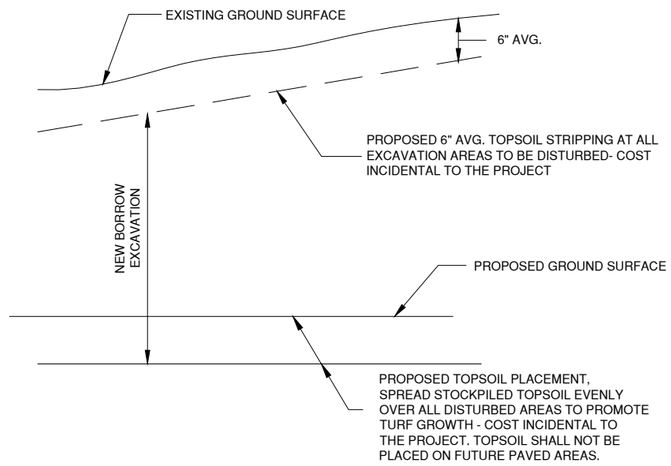
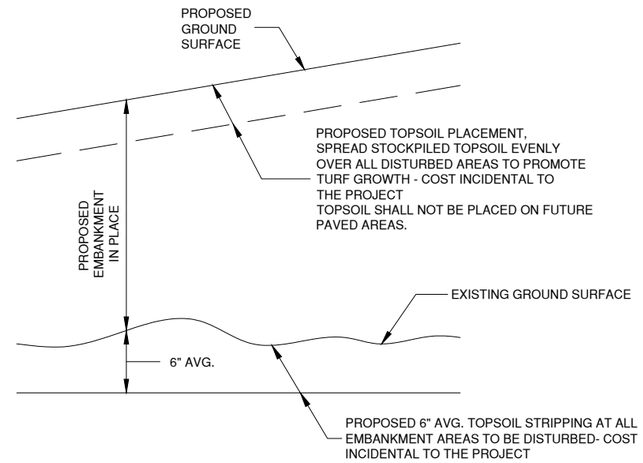


TOPSOIL STRIPPING DETAIL – EXCAVATION

N.T.S.



TOPSOIL STRIPPING DETAIL – EMBANKMENT

N.T.S.

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AIP PROJ. NO.	3-17-0006-071/077
IL. PROJ. NO.	BMI-4539
CMT PROJECT NO:	19008501-10
CAD DWG FILE:	19008501-PH1-LG100.DWG
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SHEET TITLE

EROSION CONTROL & EMBANKEMT DETAILS

LG501

SHEET 45 OF 88

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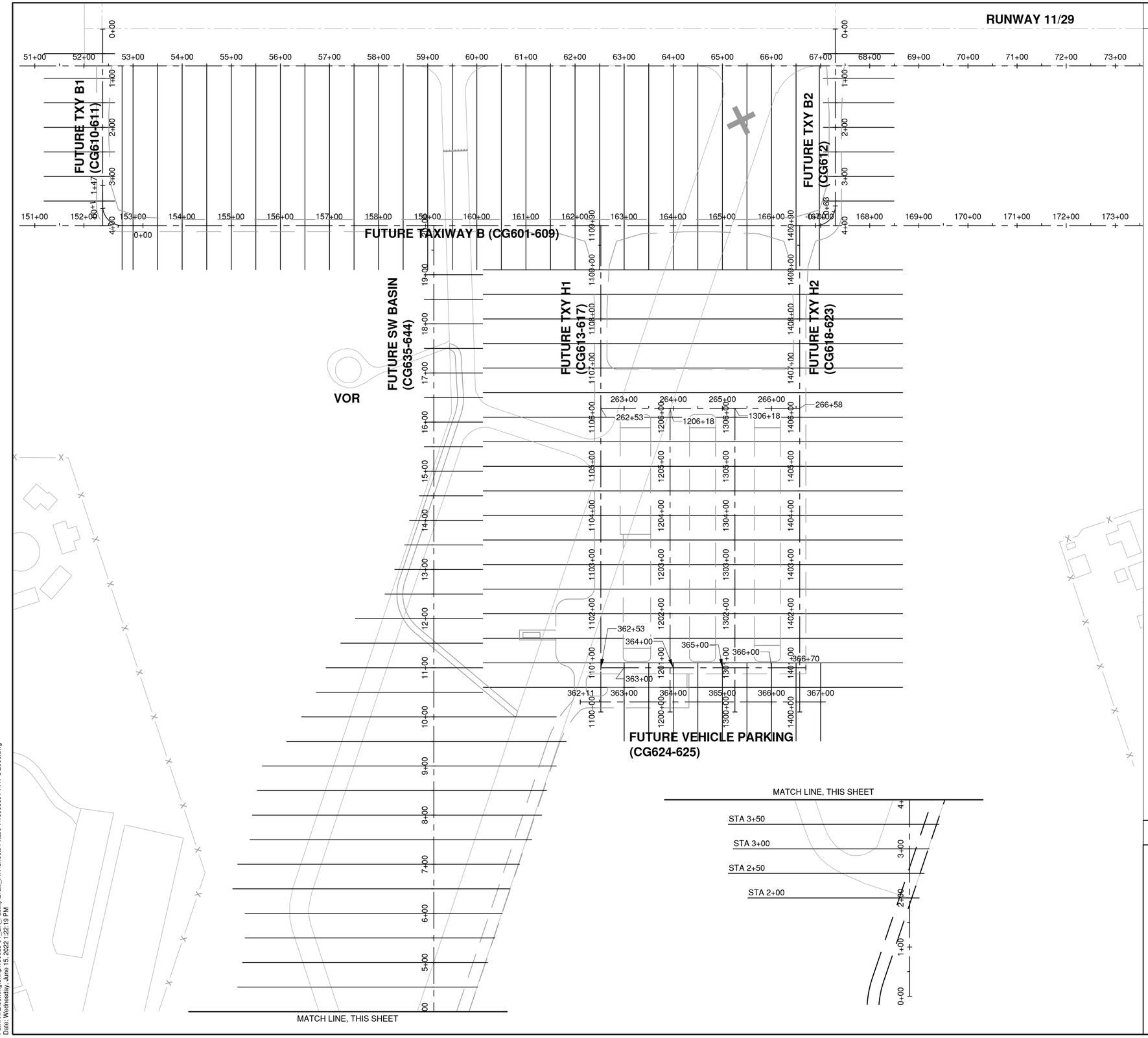
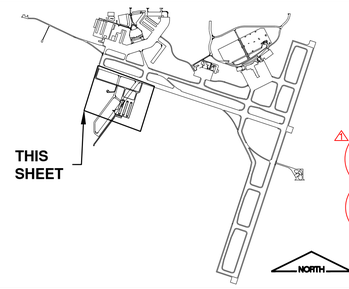


NOTES:

1. THE FOLLOWING CROSS SECTIONS INCLUDE PAVEMENT SECTIONS. NO PAVEMENT MATERIALS WILL BE CONSTRUCTED IN THIS CONTRACT. ANY SURFACE, BASE, AND SUBBASE MATERIALS WILL BE CONSTRUCTED IN A FUTURE CONTRACT BY OTHERS.
2. THE CONTRACTOR SHALL CONSTRUCT THE GRADE WITH EARTH TO THE TOP OF THE PROPOSED PAVEMENT SECTION AS SHOWN IN THE CROSS SECTIONS.
3. IN ADDITION TO THE EARTHWORK SHOWN ON THE EARTHWORK SUMMARY TABLES AND REPRESENTED IN THE FOLLOWING CROSS-SECTIONS, THE CONTRACTOR SHALL ALSO PERFORM EARTH EXCAVATION OF THE SOUTHWEST DETENTION BASIN SHOWN ON SHEETS CG101 AND CG102 IN ORDER TO PROVIDE NECESSARY FILL FOR THE EMBANKMENT.
4. NO SHRINKAGE OR SWELL FACTORS HAVE BEEN INCORPORATED INTO THE EARTHWORK SUMMARY TABLES. ALL EARTHWORK QUANTITIES COMPARE PROPOSED AND EXISTING CONDITIONS AFTER THE REMOVAL OF EXISTING PAVEMENTS HAS ALREADY OCCURRED.

KEY MAP



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CONSTRUCT NEW GENERAL AVIATION FACILITY - PHASE I

OWNER
Central Illinois Regional Airport at Bloomington-Normal

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BLOOMINGTON, ILLINOIS

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SHEET TITLE
CROSS SECTION INDEX

CG600

SHEET 52 OF 88

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Date: Wednesday, June 15, 2022 1:22:19 PM

EARTHWORK SUMMARY

STATION	CUT AREA (SF)	FILL AREA (SF)	CUT VOLUME (CY) AT STATION	CUT VOLUME (CY) CUMULATIVE	FILL VOLUME (CY) AT STATION	FILL VOLUME (CY) CUMULATIVE	NET VOLUME (NEGATIVE VALUES = CUT)
TXY B							
152+00	0	0	0	0	0	0	0
152+77	0	1197	0	0	1707	1707	1707
153+00	0	1125	0	0	989	2696	2696
153+50	0	831	0	0	1810	4507	4507
154+00	0	563	0	0	1290	5797	5797
154+50	0	291	0	0	791	6588	6588
155+00	40	178	37	37	435	7023	6986
155+50	219	101	239	276	258	7280	7004
156+00	442	51	611	888	141	7421	6534
156+50	565	0	932	1820	48	7469	5649
157+00	777	0	1243	3062	0	7469	4406
157+50	984	0	1631	4693	0	7469	2776
158+00	1,129	0	1957	6650	0	7469	819
158+50	932	0	1908	8558	0	7469	-1089
159+00	1,265	0	2034	10592	0	7469	-3123
159+50	1,065	0	2157	12749	0	7469	-5281
160+00	1,213	0	2109	14858	0	7469	-7390
160+50	957	0	2009	16868	0	7469	-9399
161+00	843	0	1666	18534	0	7469	-11065
161+50	818	0	1538	20072	0	7469	-12603
162+00	689	0	1395	21467	0	7469	-13998
162+50	572	0	1167	22634	0	7469	-15165
163+00	603	0	1087	23721	0	7469	-16252
163+50	757	0	1259	24980	0	7469	-17511
164+00	915	0	1548	26528	0	7469	-19059
164+50	1,017	0	1788	28316	0	7469	-20847
165+00	916	0	1789	30105	0	7469	-22637
165+50	883	0	1665	31771	0	7469	-24302
166+00	670	0	1438	33209	0	7469	-25740
166+50	388	18	980	34188	16	7485	-26703
166+97	48	61	379	34567	68	7554	-27014
167+00	0	0	3	34570	3	7557	-27013

TXY B1							
0+50	0	0	0	0	0	0	0
1+00	0	37	0	0	34	34	34
1+50	0	120	0	0	145	179	179
2+00	0	187	0	0	285	464	464
2+50	0	352	0	0	499	962	962
3+00	0	679	0	0	954	1917	1917
3+50	0	503	0	0	1095	3011	3011

TXY B2							
0+50	0	0	0	0	0	0	0
1+00	0	99	0	0	91	91	91
1+50	0	200	0	0	276	367	367
2+00	0	202	0	0	372	739	739
2+50	0	123	0	0	301	1040	1040
3+00	8	42	7	7	153	1193	1186
3+50	5	25	12	19	62	1255	1236

TXY H1 & HANGAR SITE							
1100+50	287	848	0	0	0	0	0
1101+00	238	796	486	486	1522	1522	1036
1101+50	203	906	409	895	1576	3098	2203
1102+00	175	881	350	1245	1655	4753	3508
1102+50	175	823	324	1569	1578	6331	4762
1103+00	157	828	307	1877	1528	7859	5982
1103+50	103	839	241	2118	1543	9402	7284
1104+00	39	889	132	2249	1601	11003	8753
1104+50	20	918	55	2305	1674	12676	10371
1105+00	31	1004	47	2352	1780	14456	12104
1105+50	36	1125	61	2413	1971	16427	14014
1106+00	18	991	49	2462	1959	18386	15924
1106+50	0	797	16	2478	1656	20042	17563
1107+00	0	582	0	2478	1277	21319	18840
1107+50	26	164	24	2502	691	22009	19507
1108+00	223	114	231	2733	257	22267	19534
1108+50	474	71	646	3379	171	22438	19059
1109+00	640	28	1031	4410	91	22529	18118

EARTHWORK SUMMARY

STATION	CUT AREA (SF)	FILL AREA (SF)	CUT VOLUME (CY) AT STATION	CUT VOLUME (CY) CUMULATIVE	FILL VOLUME (CY) AT STATION	FILL VOLUME (CY) CUMULATIVE	NET VOLUME (NEGATIVE VALUES = CUT)
TXY H2 & HANGAR SITE							
1400+50	0	854	0	0	0	0	0
1401+00	0	1201	0	0	1902	1902	1902
1401+50	0	1345	0	0	2357	4259	4259
1402+00	26	1281	24	24	2431	6690	6666
1402+50	63	1212	83	107	2308	8998	8891
1403+00	94	1192	145	252	2226	11223	10971
1403+50	126	1218	204	456	2231	13455	12999
1404+00	168	1246	272	728	2281	15736	15008
1404+50	212	1265	351	1079	2325	18061	16982
1405+00	254	1266	431	1510	2344	20405	18895
1405+50	303	1278	515	2025	2355	22760	20735
1406+00	105	1325	378	2403	2410	25170	22767
1406+50	52	1127	145	2548	2270	27440	24892
1407+00	31	980	76	2625	1951	29391	26766
1407+50	26	643	52	2677	1503	30893	28216
1408+00	145	381	158	2835	948	31842	29006
1408+50	318	250	429	3264	584	32426	29162
1409+00	389	152	655	3919	372	32798	28879

VEHICLE PARKING							
363+00	0	249	0	0	0	0	0
363+50	0	372	0	0	575	575	575
364+00	0	508	0	0	815	1390	1390
364+50	0	420	0	0	860	2250	2250
365+00	0	174	0	0	550	2800	2800
365+50	0	146	0	0	297	3097	3097
366+00	0	190	0	0	311	3408	3408
366+50	0	387	0	0	534	3942	3942
367+00	0	290	0	0	627	4569	4569

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N

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CONSTRUCT NEW GENERAL AVIATION FACILITY - PHASE I

OWNER

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MARK	DATE	DESCRIPTION
1	6/15/22	ADDENDUM #1

AIP PROJ. NO.	3-17-0006-071/077
IL. PROJ. NO.	BMI-4539
CMT PROJECT NO:	19008501-10
CAD DWG FILE:	19008501-PH1-CG600.DWG
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DRAWN BY:	DPA
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SUMMARY OF EARTHWORK QUANTITIES

CG601

SHEET 53 OF 88

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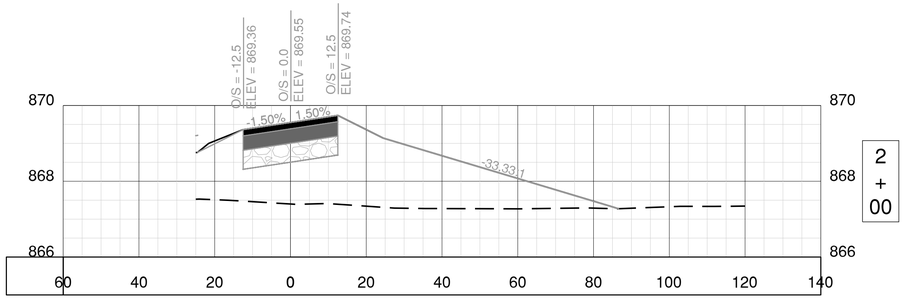

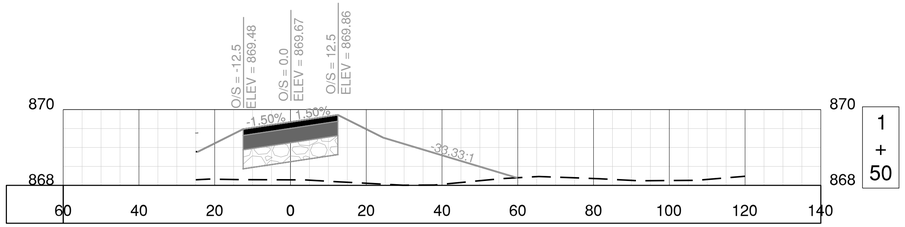

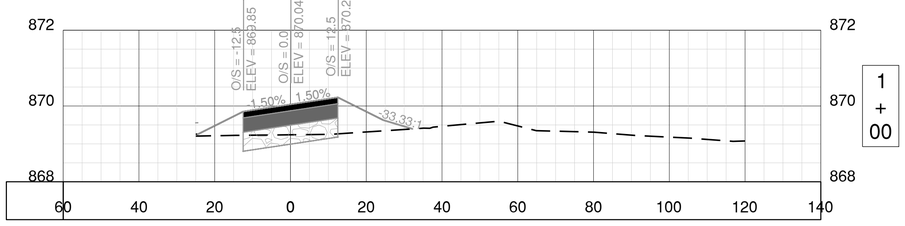

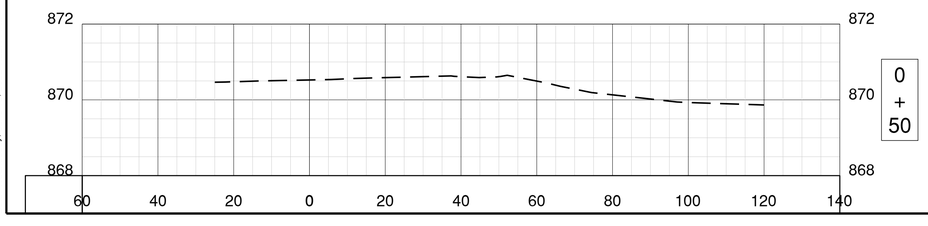

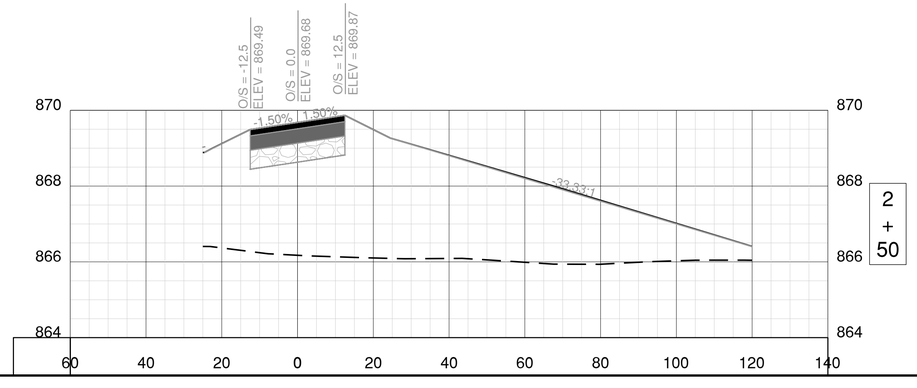

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IL. PROJ. NO.	BMI-4539
CMT PROJECT NO:	19008501-10
CAD DWG FILE:	19008501-PH1-CG600.DWG
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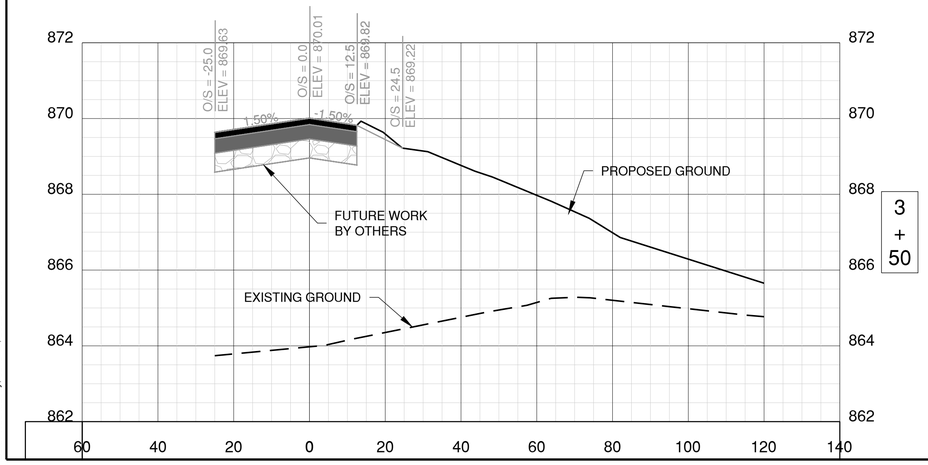
SHEET TITLE

TXY B1 CROSS SECTIONS 1

CG610

SHEET 63 OF 88



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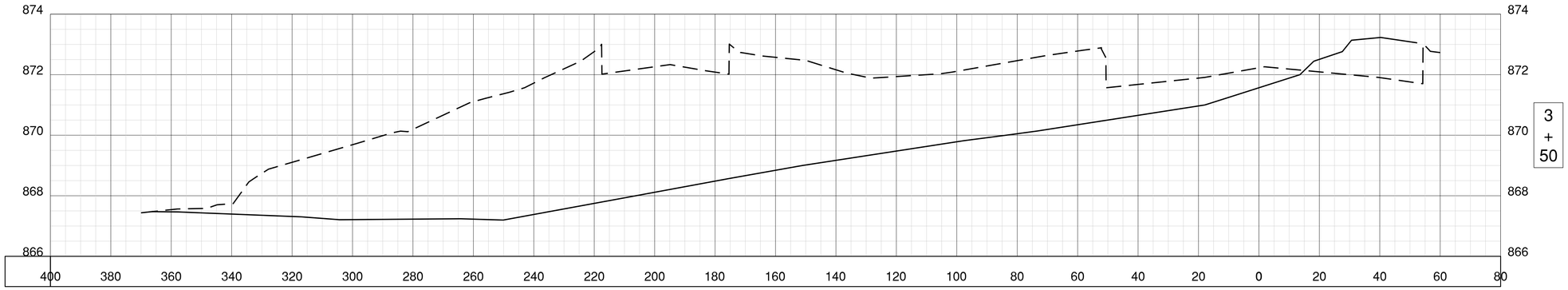
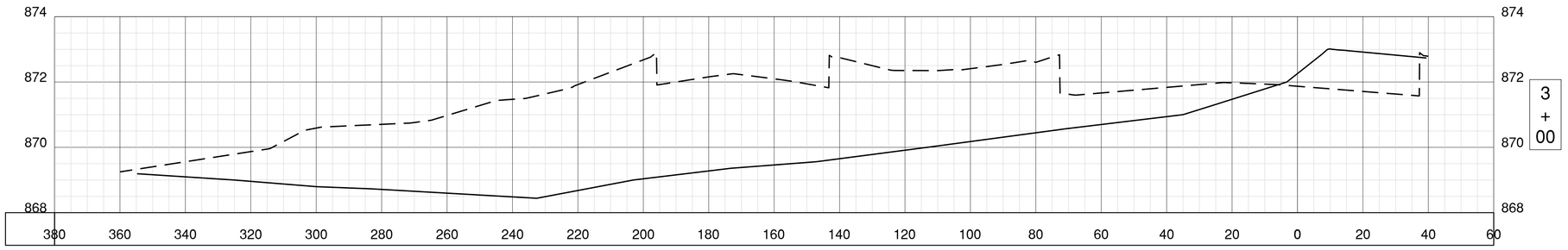
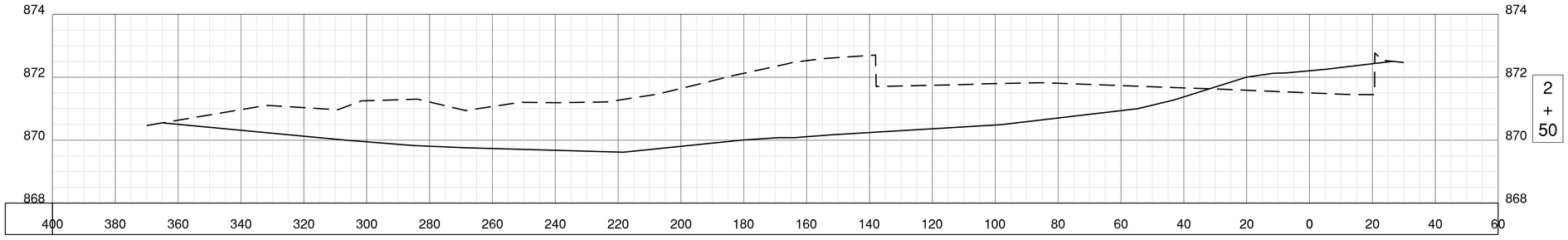
TXY B1 CROSS SECTIONS 2

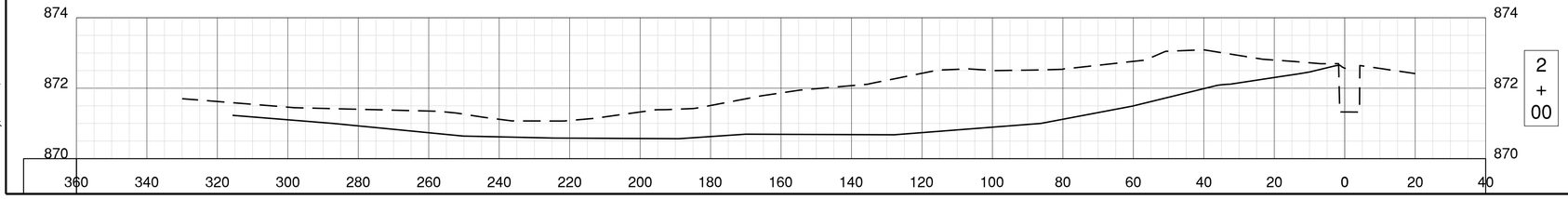
CG611

SHEET 64 OF 88









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CONSTRUCT NEW GENERAL AVIATION FACILITY - PHASE I

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Central Illinois Regional Airport at Bloomington-Normal

BLOOMINGTON-NORMAL AIRPORT AUTHORITY
CENTRAL ILLINOIS REGIONAL AIRPORT
BLOOMINGTON, ILLINOIS

MARK	DATE	DESCRIPTION
1	6/15/22	ADDENDUM #1

AIP PROJ. NO.	3-17-0006-071/077
IL. PROJ. NO.	BMI-4539
CMT PROJECT NO:	19008501-10
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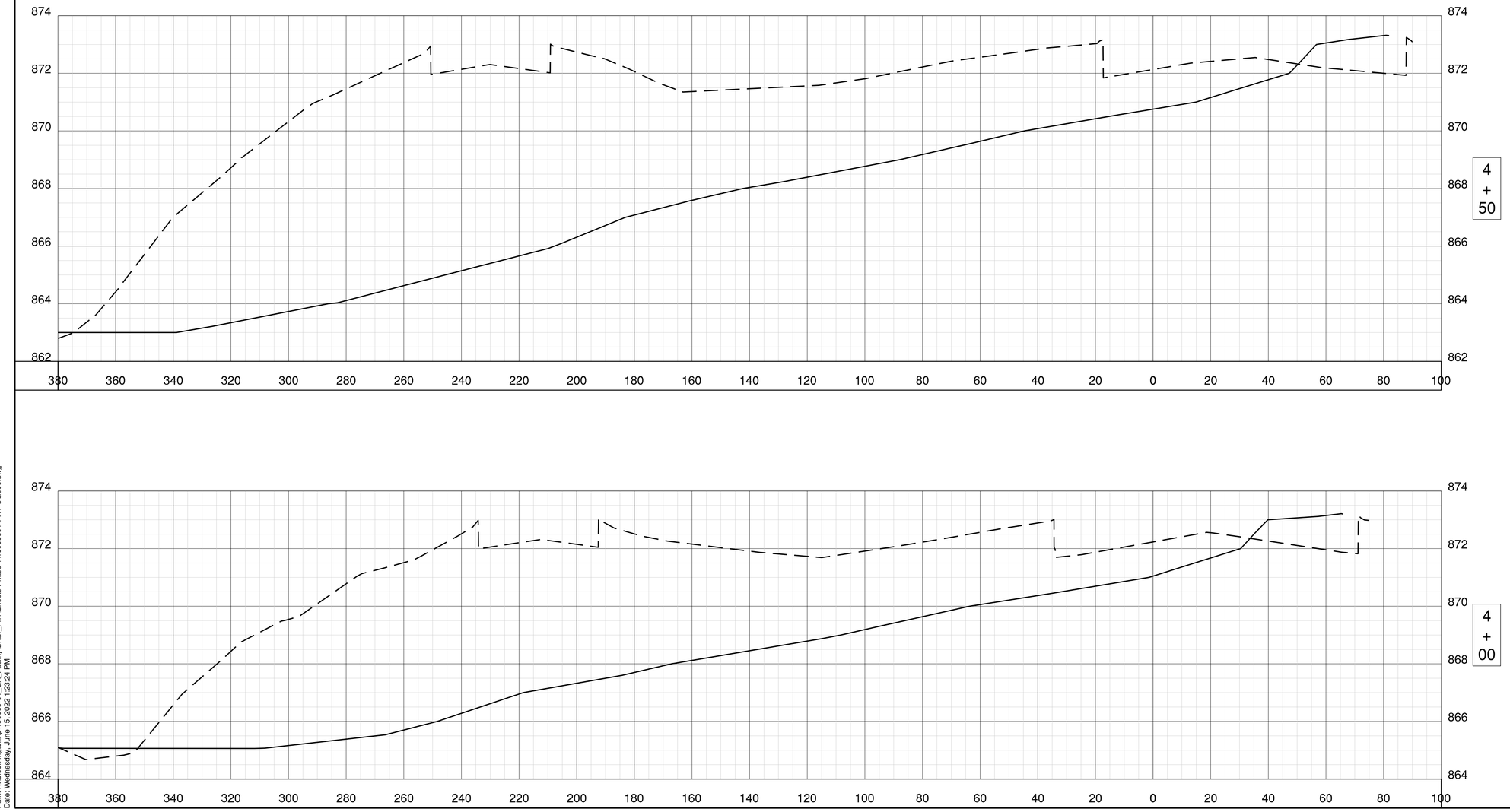
SW BASIN SECTION 1

CG626

SHEET 79 OF 88



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IL. PROJ. NO.	BMI-4539
CMT PROJECT NO:	19008501-10
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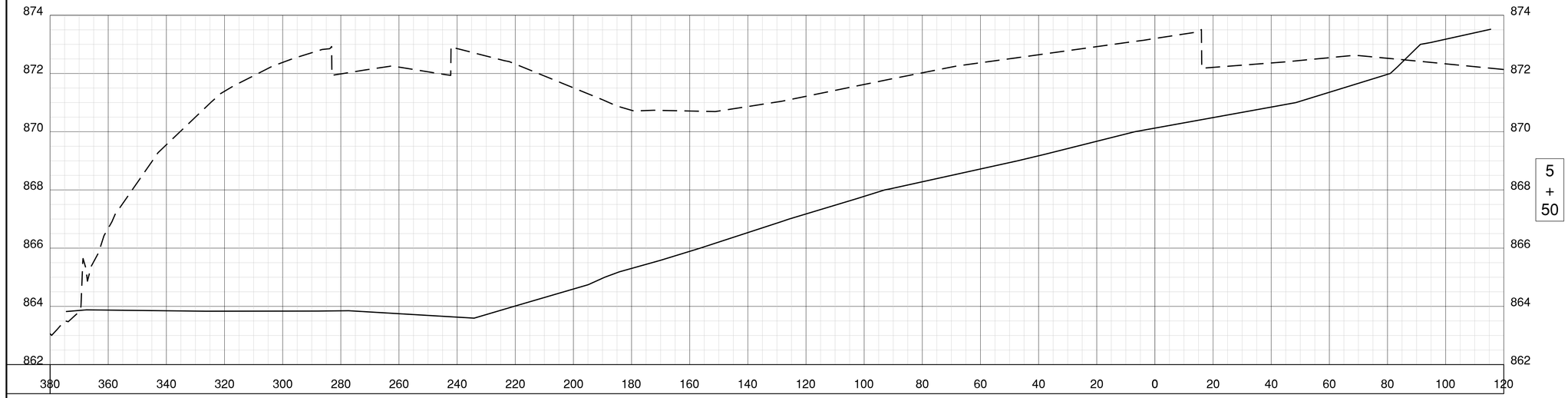
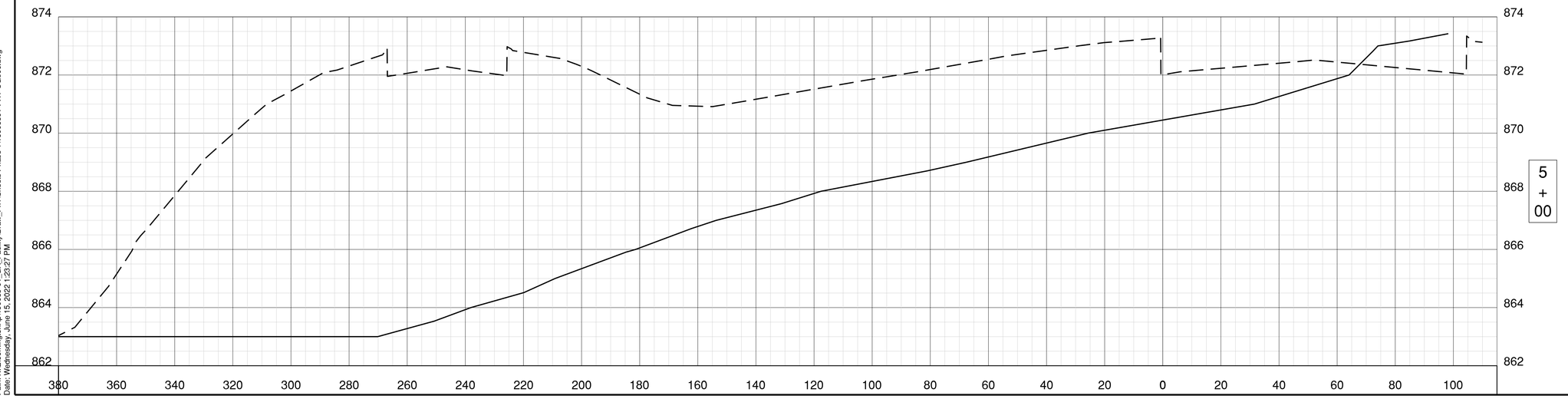
SW BASIN SECTION 2

CG627

SHEET 80 OF 88





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CMT PROJECT NO:	19008501-10
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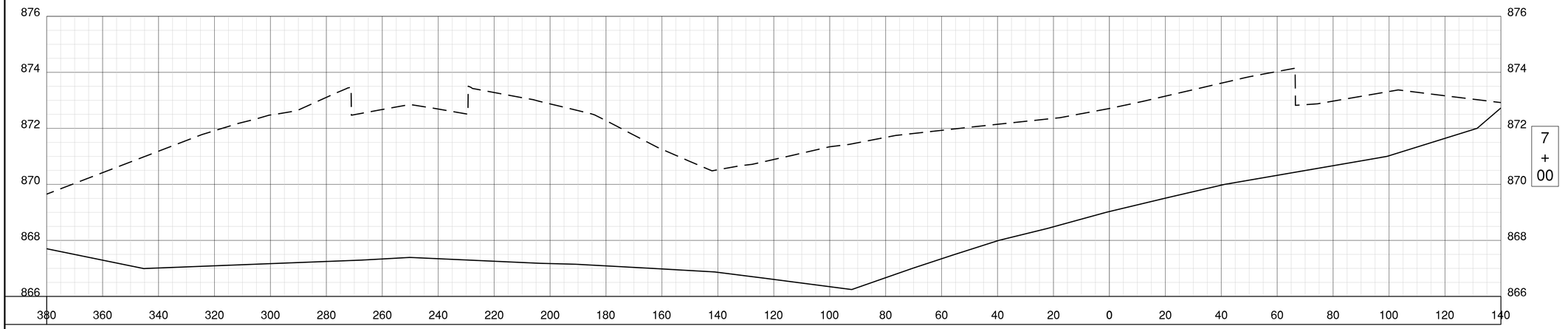
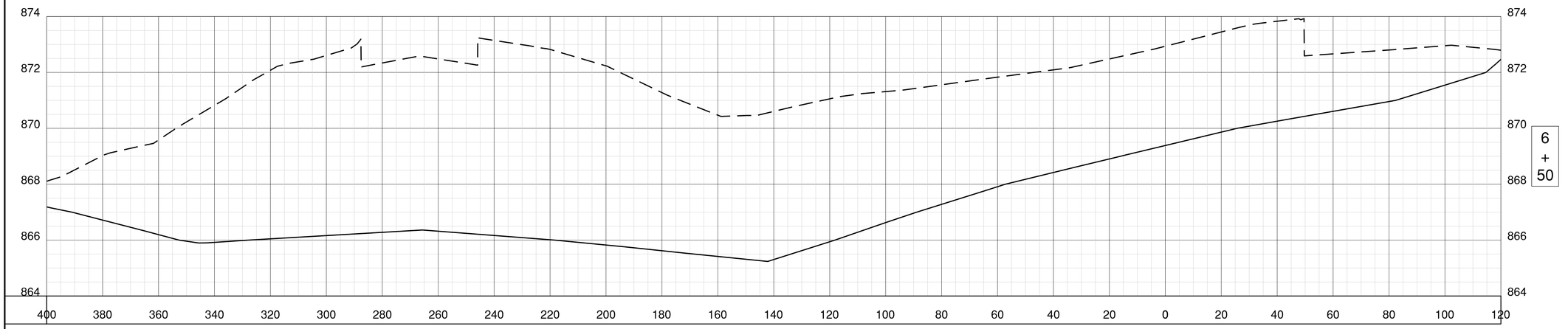
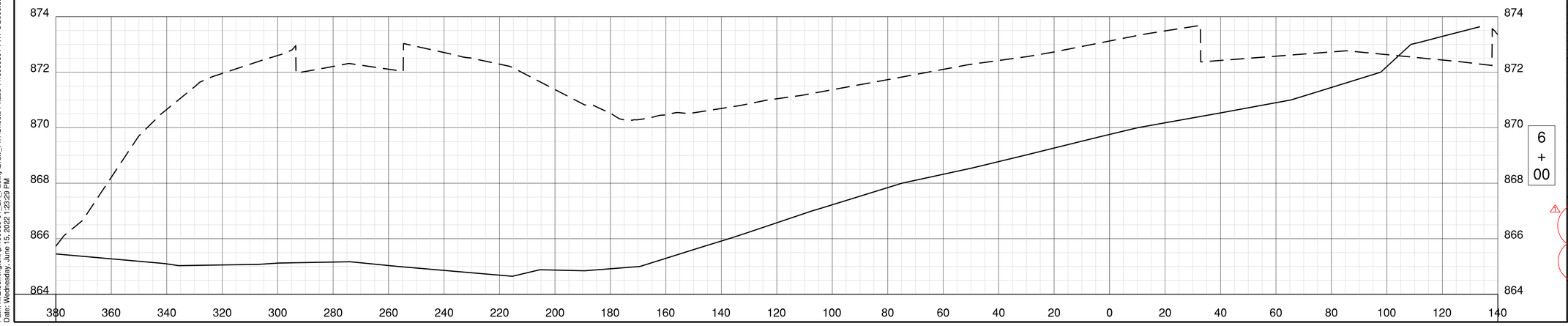
SW BASIN SECTION 3

CG628

SHEET 81 OF 88







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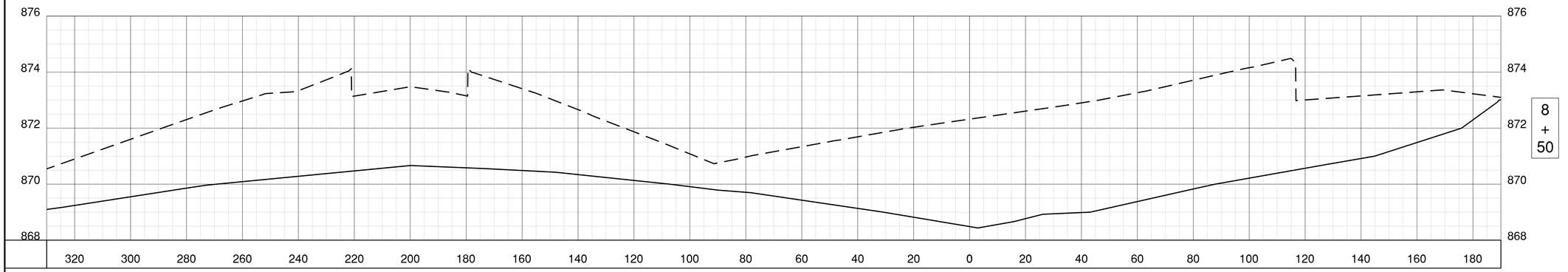
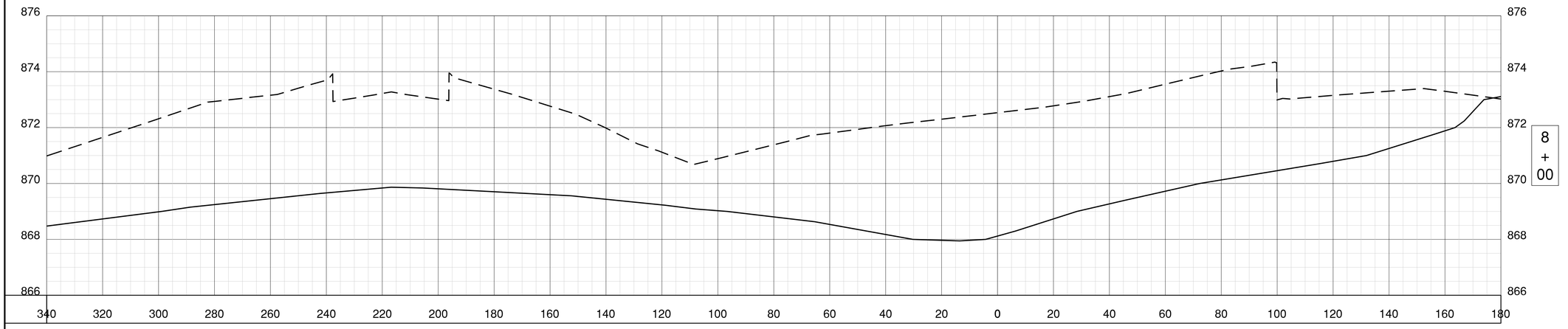
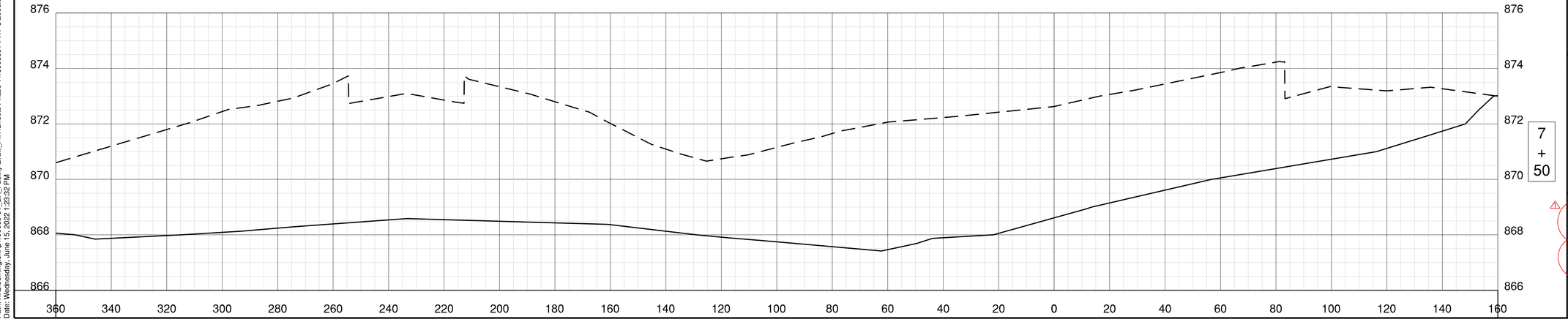
SW BASIN SECTION 4

CG629

SHEET 82 OF 88







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CMT PROJECT NO:	19008501-10
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SW BASIN SECTION 5

CG630

SHEET 83 OF 88

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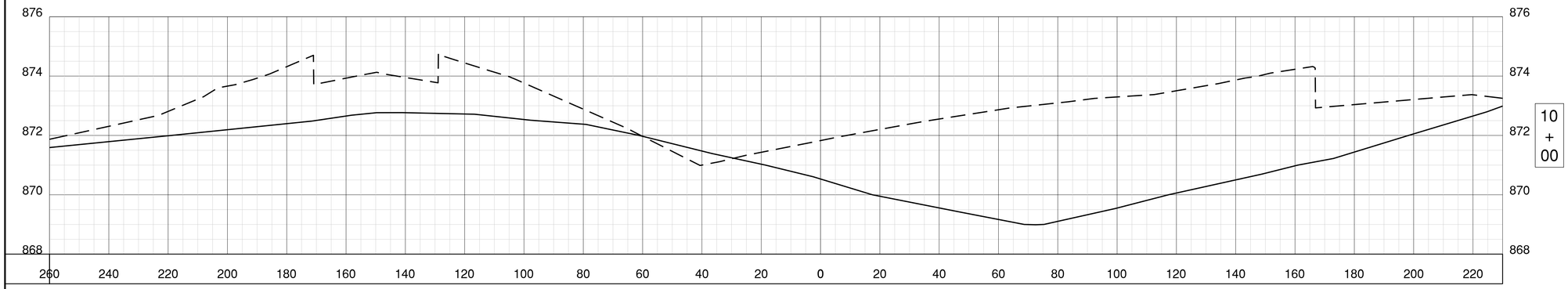

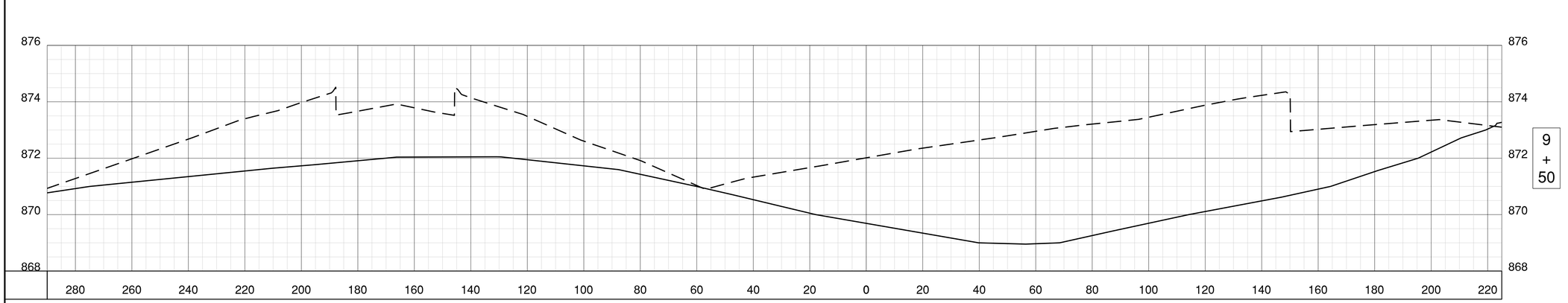

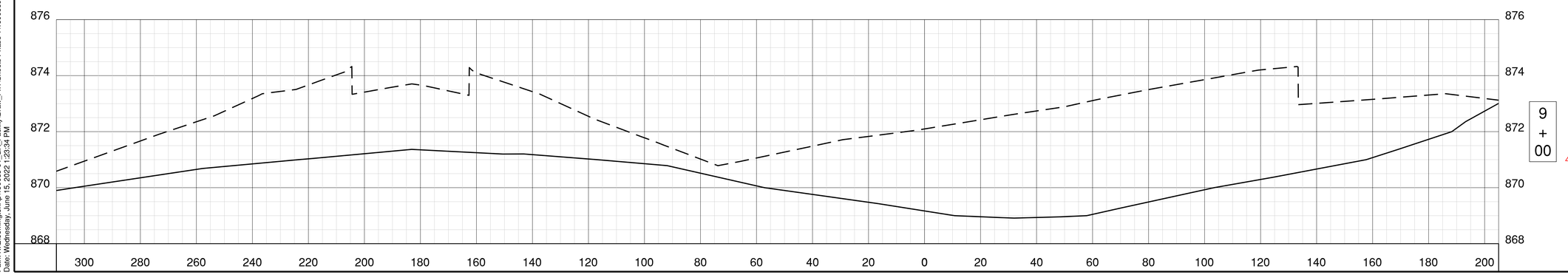

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CMT PROJECT NO:	19008501-10
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SW BASIN SECTION 6

CG631

SHEET 84 OF 88

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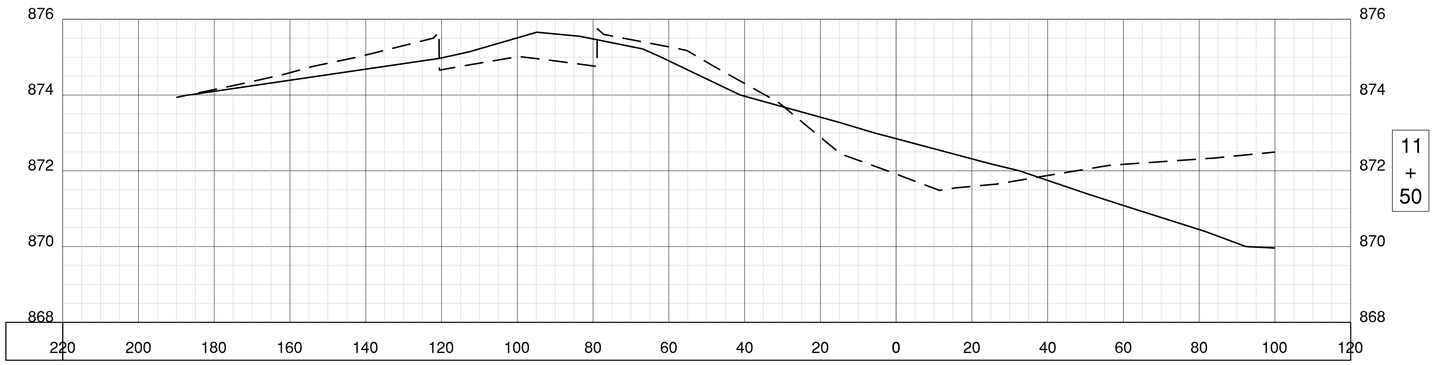

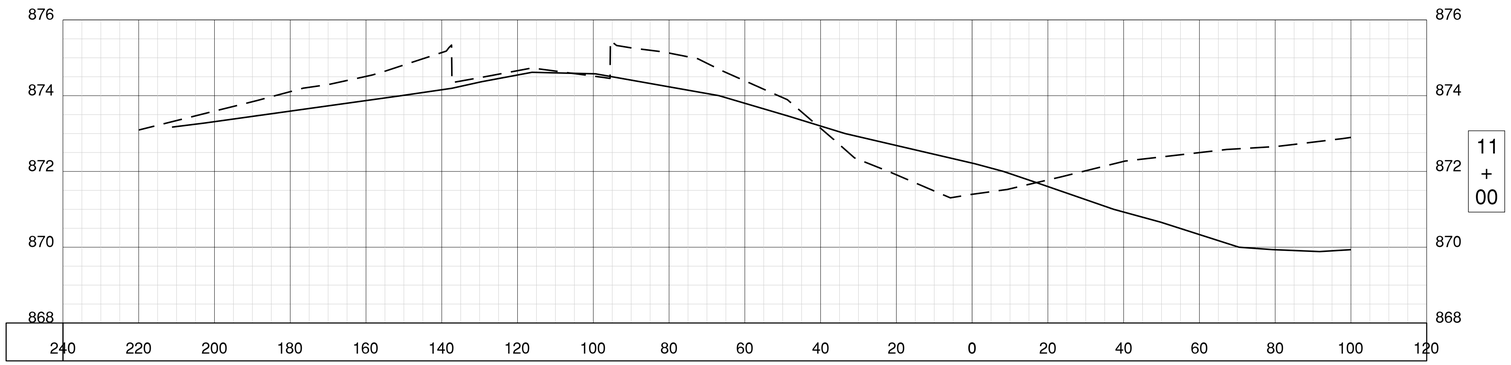

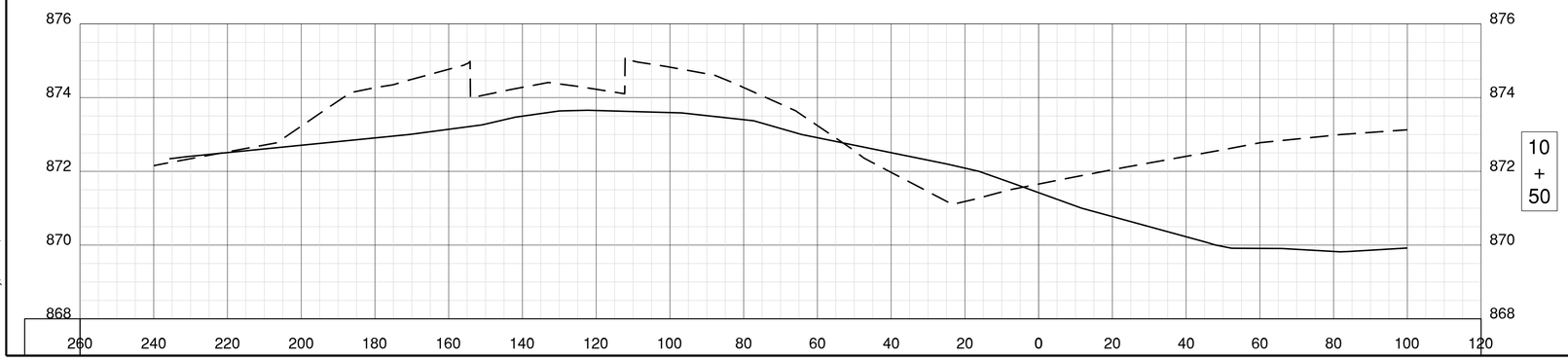

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CMT PROJECT NO:	19008501-10
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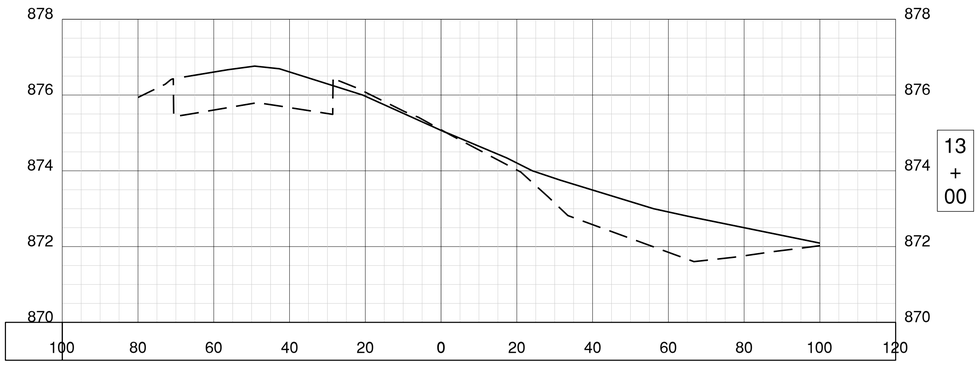
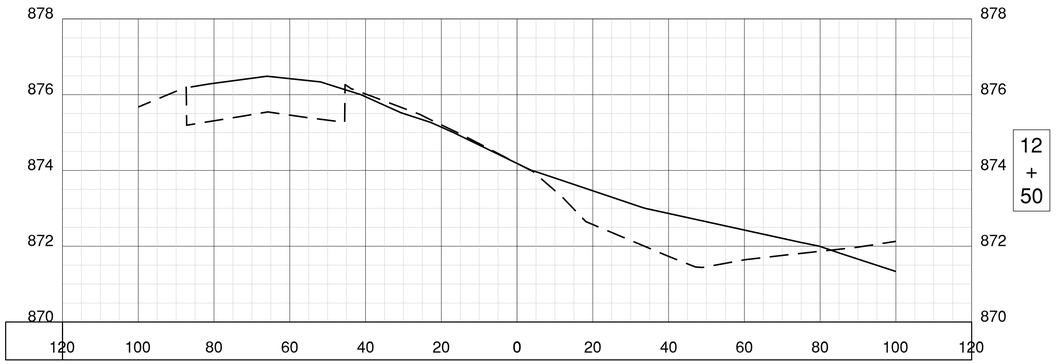
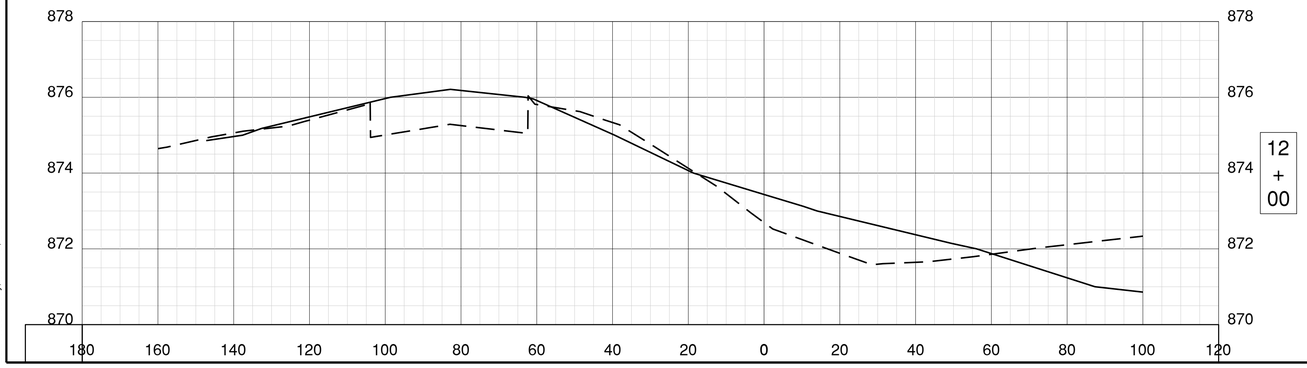
SW BASIN SECTION 7

CG632

SHEET 85 OF 88







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CMT PROJECT NO:	19008501-10
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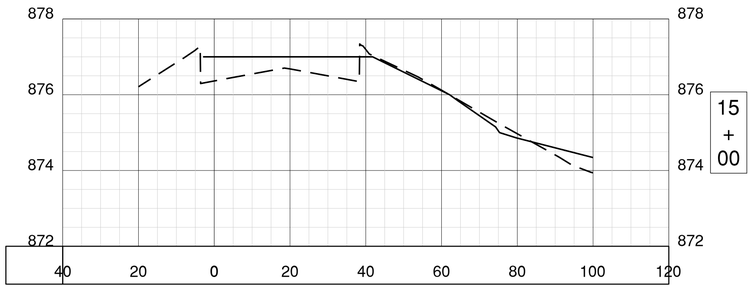
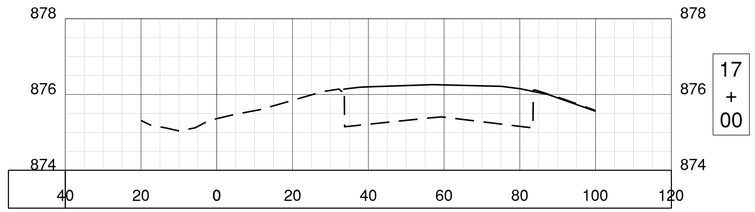
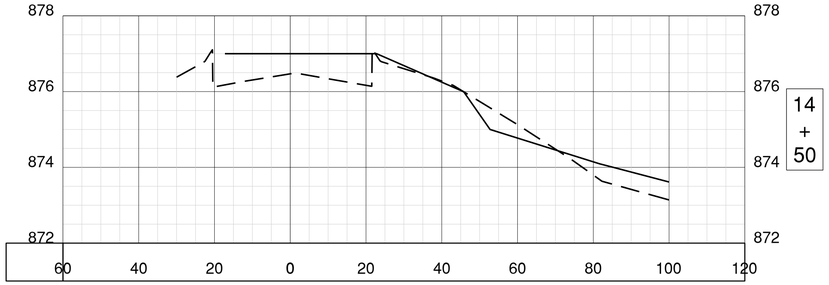
SW BASIN SECTION 8

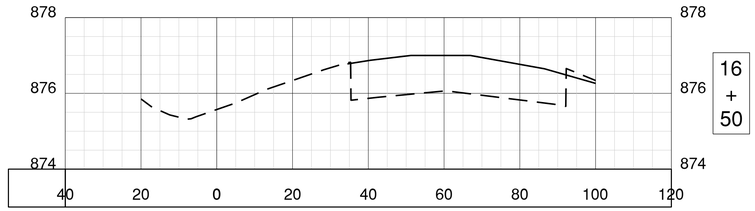
CG633

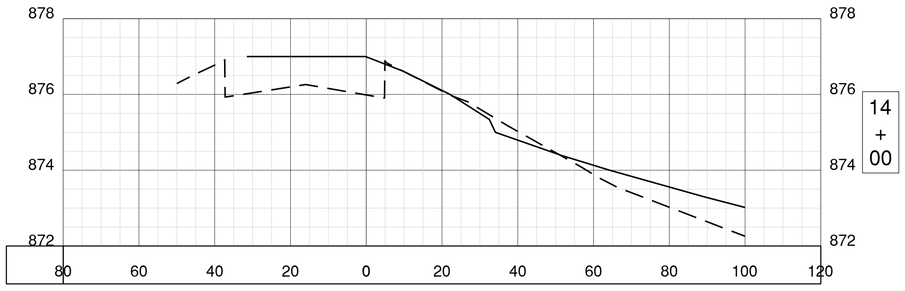
SHEET 86 OF 88

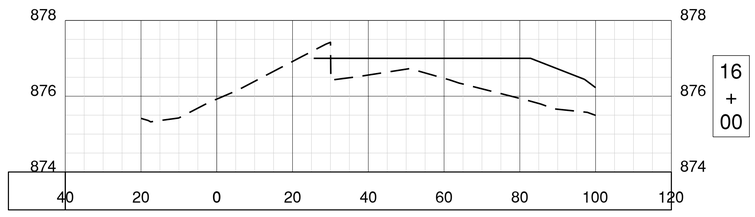


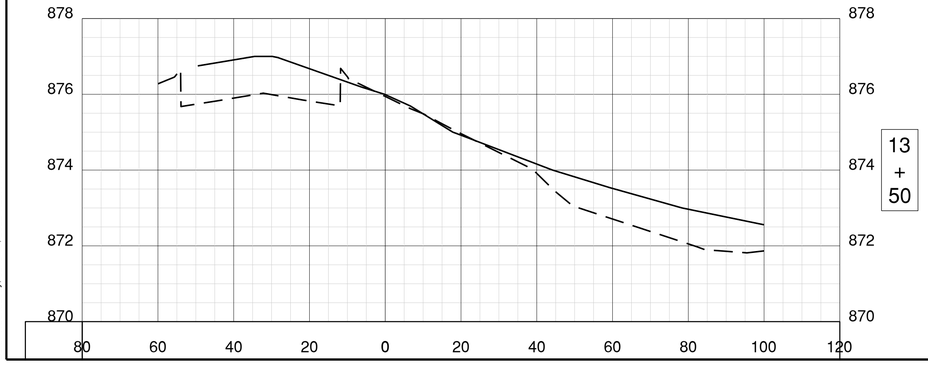


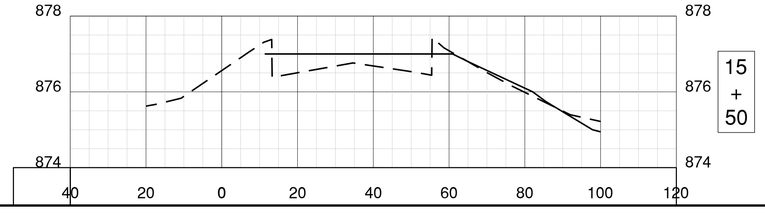












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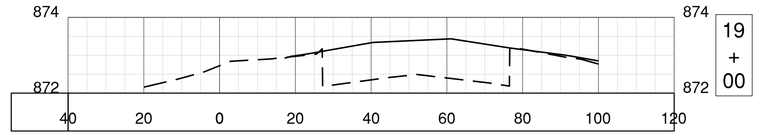

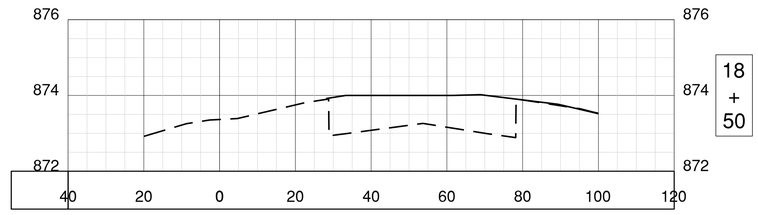

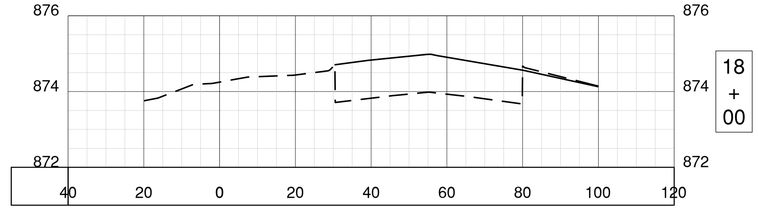

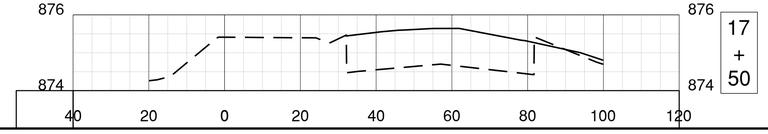

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1 SW BASIN SECTION 10

CG635

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