



Illinois Department of Transportation

Office of Intermodal Project Implementation / Division of Aeronautics
1 Langhorne Bond Drive / Springfield, Illinois 62707-8415

January 18, 2022

SUBJECT: Illinois Valley Regional Airport
Peru, Illinois
LaSalle County
Illinois Project Number: VYS-4516
SBG Project Number: 3-17-SBGP-144/156/162/171
Contract No. IL033
Item No. 09A, January 21, 2022 Letting
Addendum B

NOTICE TO PROSPECTIVE BIDDERS

Attached is an addendum to the plans or proposal. This addendum involves revised and/or added material.

Reason for Addendum:

Addition of Pay Item AR401900 Remove Bituminous Pavement, Special Provision revisions, and Addition to the plans issued as Addendum B.

To All Plan Holders:

Plan Changes:

1. Sheet 1: Summary of Quantities updated to include additional pay item of AR401900 Remove Bituminous Pavement.
2. Sheets 2-21: Contract number updated to IL033 and "Draft Not for Construction" in lower left corner of border revised to "Construction Plans"
3. Sheets 22-32: These plan sheets have been provided as had been listed in the index of sheets.

Special Provisions Changes:

1. Add the following Special Provision:

ITEM AR 401900 REMOVE BITUMINOUS PAVMENT

ITEM 101 PREPARATION/REMOVAL OF EXISTING PAVEMENTS is modified as follows:

CONSTRUCTION METHODS

101-3.1 Replace 101-3.1 b. with the following:

- b. Asphalt Pavement Removal.** Asphalt pavement to be removed shall be cut to the full depth of the asphalt pavement around the perimeter of the area to be removed as specified in the contract documents at locations determined by the Resident Engineer. After completion of the saw cutting, the Contractor shall remove the pavement structure, including

aggregate subgrade, using methods which will allow a vertical surface along all sides of the removal area. Material obtained from the removal operations shall be hauled to a disposal site off of airport property by the Contractor. If the material is to be wasted on the airport site or incorporated into embankment, it shall be broken to a maximum size designated by the Resident Engineer. The pavement shall be assumed to be ten (10) inches of Asphalt pavement and eight (8) of aggregate base course.

METHOD OF MEASUREMENT

101-4.1

1. Add the following sentence to the second paragraph:

No direct measurement will be made for aggregate base course removed and shall be incidental to pavement removal.

2. Add the following paragraph:

Existing pavement thickness has been assumed based upon previous plans. Variation of pavement thickness may be encountered. No separate measurements will be made for variation of existing pavement thickness.

BASIS OF PAYEMENT

101-5.1 Add the following:

Payment will be made under:

Item AR401900 Remove Bituminous Pavement – per square yard.

Schedule of Prices Changes:

Add Pay Item AR401900 Remove Bituminous Pavement – 875 Square yards.

Prime contractors must utilize the enclosed material when preparing their bid and must include any changes to the Schedule of Prices in their bid.

Questions on this addendum may be directed to Casey McCollom of Chamlin & Associates, Inc at 815-942-1402.

PAGE NO.	DESCRIPTION
1	COVER SHEET & SUMMARY OF QUANTITIES
2	CONSTRUCTION SAFETY PLAN - PHASE 1
3	CONSTRUCTION SAFETY PLAN - PHASE 2
4	CONSTRUCTION SAFETY PLAN - PHASE 3
5	DIMENSIONAL LAYOUT PLAN AND TYPICAL CROSS SECTIONS
6	REMOVAL PLAN
7-11	PLAN AND PROFILES
12	PAVEMENT MARKING PLAN AND DETAILS
13	ELECTRICAL LIGHTING PLAN AND DETAILS
14	ELECTRICAL LIGHTING DETAILS
15	ELECTRICAL NOTES
16-19	GRADING PLANS
20	PIPE UNDERDRAIN PLAN AND DETAILS
21	EROSION CONTROL PLAN
22-32	CROSS SECTIONS

THE CITY OF PERU, ILLINOIS ILLINOIS VALLEY REGIONAL AIRPORT WALTER DUNCAN FIELD CONSTRUCTION PLANS

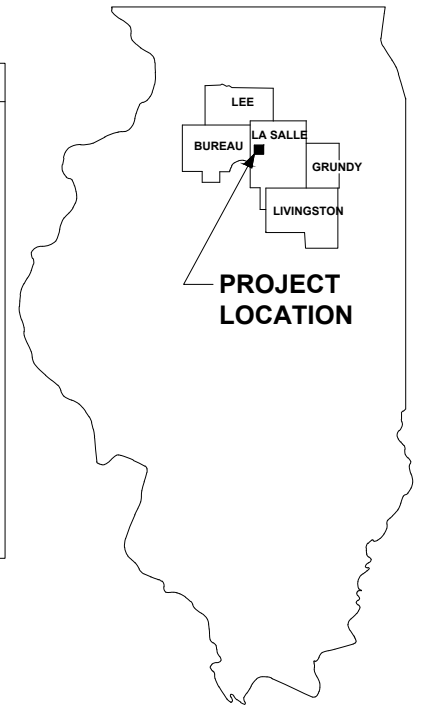
FOR
EXTEND PARALLEL TAXIWAY NORTH, PHASE 2
ILLINOIS PROJECT NO. VYS-4516
AIP PROJECT NO. 3-17-SBGP-144/156/162/171
LATITUDE: N 41°21'01", LONGITUDE: W 89°09'11"
ELEVATION 653.28

DATE: DECEMBER 10, 2021
RUNWAY 18/36 (EXISTING) CATEGORY C, GROUP II
RUNWAY 7/25 (EXISTING) CATEGORY B, GROUP II

BENCHMARKS:

- BM "500" CHISELED "□" ON TOP OF WEST END OF CONCRETE CULVERT
275 FEET NORTH OF MAIN TAXIWAY.
ELEVATION = 648.83
- SET BM CHISELED "□" ON N.W. CORNER OF CONCRETE SIGN BASE
(SIGN SAYS D 36-18) SOUTH SIDE OF MAIN TAXIWAY.
ELEVATION = 648.75

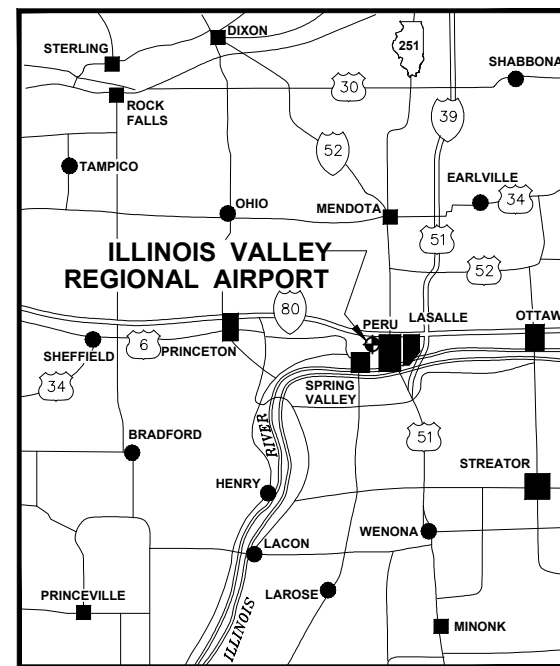
UTILITY SERVICE	CONTACT	TELEPHONE #
WATER	CITY OF PERU WATER DEPARTMENT JIM SITTLER, FOREMAN	(815) 223-8615
ELECTRICAL POWER	CITY OF PERU ELECTRIC DEPARTMENT KYE KASZYNSKI	(815) 223-0044
NATURAL GAS	J.U.L.I.E.	(800) 892-0123
PIPELINE	J.U.L.I.E.	(800) 892-0123
TELEPHONE	J.U.L.I.E.	(800) 892-0123
CABLE	J.U.L.I.E.	(800) 892-0123
SANITARY SEWER	CITY OF PERU SEWER DEPARTMENT JEFF KING / DOUG BERNABEI	(815) 223-1148



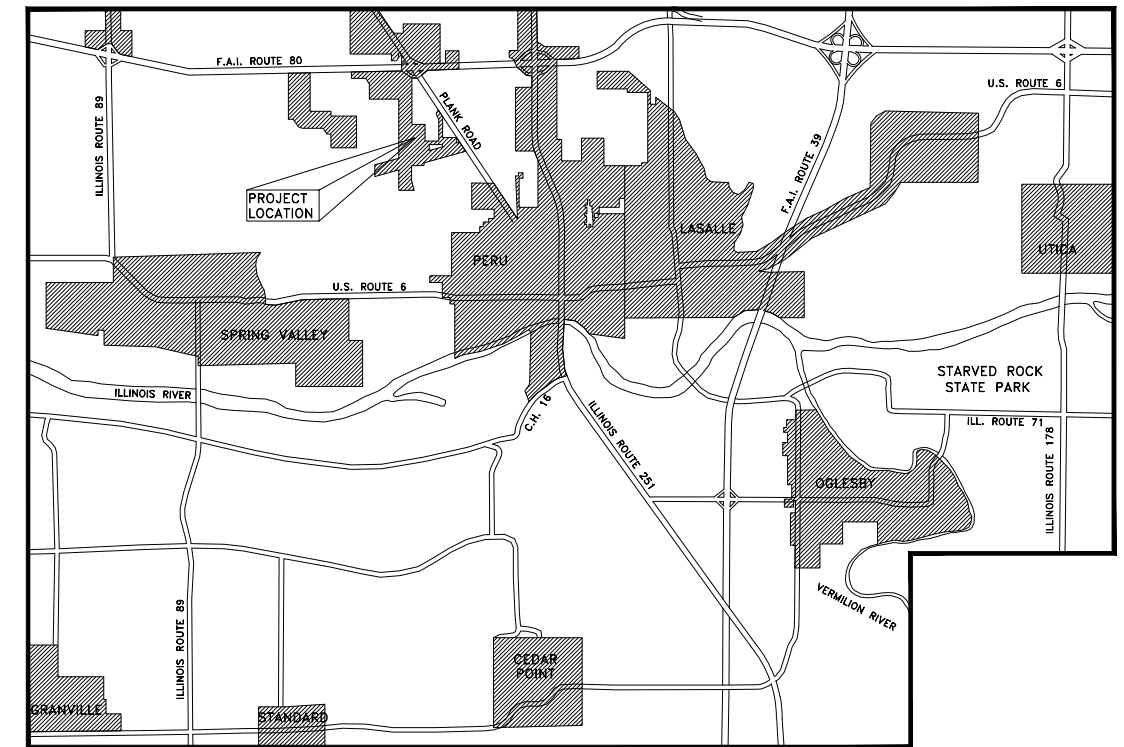
SUMMARY OF QUANTITIES

ITEM	DESCRIPTION	UNIT	ESTIMATED QUANTITY
AR108158	1/C #8 5KV UG CABLE IN UD	FOOT	5,800
AR110101	CABLE MARKER	EACH	4
AR110502	2-WAY CONCRETE ENCASED DUCT	FOOT	180
AR110610	ELECTRICAL HANDHOLE	EACH	8
AR125410	MITL - STAKE MOUNTED	EACH	74
AR125415	MITL - BASE MOUNTED	EACH	6
AR125441	TAXI GUIDANCE SIGN, 1 CHARACTER	EACH	5
AR125443	TAXI GUIDANCE SIGN, 3 CHARACTER	EACH	1
AR125901	REMOVE STAKE MOUNTED LIGHT	EACH	6
AR125902	REMOVE BASE MOUNTED LIGHT	EACH	2
AR125904	REMOVE TAXI GUIDANCE SIGN	EACH	1
AR125906	REMOVE SPLICE CAN	EACH	2
AR150520	MOBILIZATION	L SUM	1
AR152410	UNCLASSIFIED EXCAVATION	CU YD	12,823
AR152540	SOIL STABILIZATION FABRIC	SQ YD	11,453
AR156511	DITCH CHECK	EACH	17
AR209608	CRUSHED AGGREGATE BASE COURSE - 8"	SQ YD	11,350
AR401614	BITUMINOUS SURFACE COURSE - METHOD II, SUPERPAVE	TON	2,182
AR401620	BITUMINOUS SURFACE COURSE, LEVELING	TON	224
AR401630	BITUMINOUS SURFACE COURSE TEST SECTION	EACH	1
AR401650	BITUMINOUS PAVEMENT MILLING	SQ YD	4,947
AR401900	REMOVE BITUMINOUS PAVEMENT	SQ YD	875
AR403614	BITUMINOUS BASE COURSE - METHOD II, SUPERPAVE	TON	5,183
AR403630	BITUMINOUS BASE COURSE TEST SECTION	EACH	1
AR602510	BITUMINOUS PRIME COAT	GALLON	3,302
AR603510	BITUMINOUS TACK COAT	GALLON	4,425
AR620520	PAVEMENT MARKING - WATER BORNE	SQ FT	3,000
AR620525	PAVEMENT MARKING - BLACK BORDER	SQ FT	3,100
AR705526	8" PERFORATED UNDERDRAIN W/SOCK	FOOT	4,844
AR705640	UNDERDRAIN CLEANOUT	EACH	11
AR754810	PAVED DITCH	FOOT	3,107
AR901510	SEEDING	ACRE	8.5
AR908510	MULCHING	ACRE	8.5

** = SUPERPAVE DESIGN CRITERIA SHALL INDICATE THE DESIGN PARAMETERS ON RUNWAY AND TAXIWAYS FOR AIRCRAFT WEIGHING UNDER 60,000 LBS.



VICINITY MAP



LOCATION MAP

EARTHWORK SUMMARY		DESCRIPTION	
LOCATION	CUT (COMPUTED EXISTING IN PLACE) (CY) (A)	FILL (COMPUTED COMPACTED IN PLACE) (CY) (B)	SHORTAGE(-) OR EXCESS(+) (CY) (C) (A(0.85)-B)
GENERAL SITE AREA	12,868	1,496	9,442
PAY ITEMS:	UNCLASSIFIED EXCAVATION		12,868
AR 152410	UNCLASSIFIED EXCAVATION		12,868

DESCRIPTION
ILLINOIS VALLEY REGIONAL AIRPORT
TOWNSHIP 33 N., SECTION 7, RANGE 1 E.
LA SALLE COUNTY, PERU TOWNSHIP



EARTHWORK NOTES:

- EXCESS TOPSOIL MATERIAL UNSUITABLE FOR EMBANKMENT SHALL BE DUMPED AND SPREAD IN THE DESIGNATED EXCESS EARTHWORK SPOILS AREA AS DIRECTED BY THE AIRPORT MANAGER AND ENGINEER (AND COVERED WITH A MINIMUM OF 4" OF VEGETATIVE SUSTAINING TOPSOIL, SEEDING, AND MULCHED)
- ALL FINISHED EARTHWORK SHALL HAVE A VEGETATION SUSTAINING SOIL COVERING THE TOP 4" IN AREAS TO BE SEEDING. THE VEGETATIVE SUSTAINING SOIL WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF UNCLASSIFIED EXCAVATION.



PLANS PREPARED BY:



12/10/21
date

CASEY J. McCOLLUM
LICENSED PROFESSIONAL ENGINEER
NO. 062-059173
STATE OF ILLINOIS

signature
signature

PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-001717

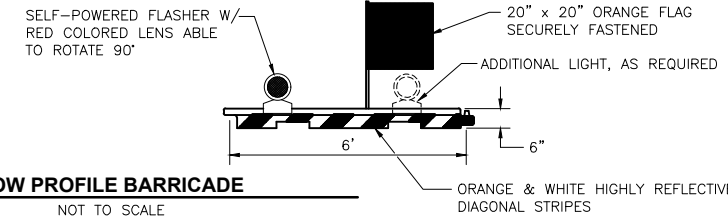
CITY OF PERU, ILLINOIS

APPROVED BY: _____
CITY ENGINEER

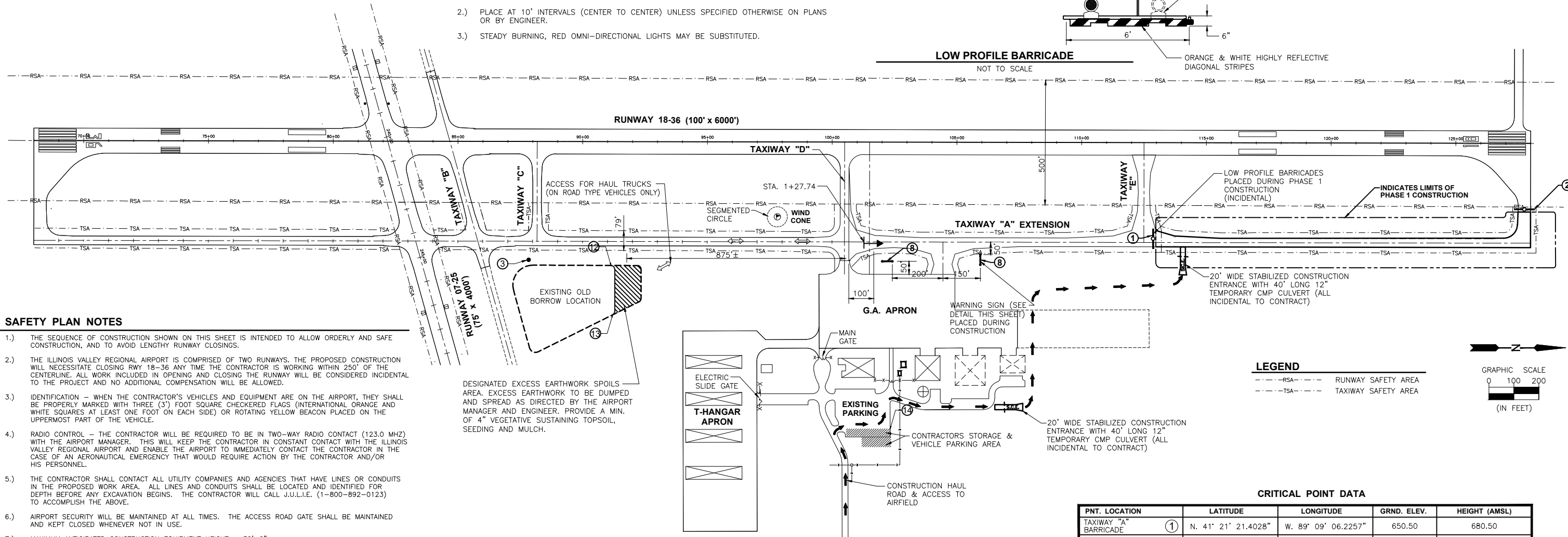
DATE: 12-20-2021

BARRICADE NOTES:

- 1.) BARRICADES TO BE HIGH IMPACT UV-RESISTANT POLYETHYLENE, LIQUID OR SAND BALLASTED TO WITHSTAND DISPLACEMENT BY WEATHER, JET OR PROP BLAST.
- 2.) PLACE AT 10' INTERVALS (CENTER TO CENTER) UNLESS SPECIFIED OTHERWISE ON PLANS OR BY ENGINEER.
- 3.) STEADY BURNING, RED OMNI-DIRECTIONAL LIGHTS MAY BE SUBSTITUTED.



LOW PROFILE BARRICADE
NOT TO SCALE



SAFETY PLAN NOTES

- 1.) THE SEQUENCE OF CONSTRUCTION SHOWN ON THIS SHEET IS INTENDED TO ALLOW ORDERLY AND SAFE CONSTRUCTION, AND TO AVOID LENGTHY RUNWAY CLOSINGS.
- 2.) THE ILLINOIS VALLEY REGIONAL AIRPORT IS COMPRISED OF TWO RUNWAYS. THE PROPOSED CONSTRUCTION WILL NECESSITATE CLOSING RWY 18-36 ANY TIME THE CONTRACTOR IS WORKING WITHIN 250' OF THE CENTERLINE. ALL WORK INCLUDED IN OPENING AND CLOSING THE RUNWAY WILL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 3.) IDENTIFICATION - WHEN THE CONTRACTOR'S VEHICLES AND EQUIPMENT ARE ON THE AIRPORT, THEY SHALL BE PROPERLY MARKED WITH THREE (3) FOOT SQUARE CHECKERED FLAGS (INTERNATIONAL ORANGE AND WHITE SQUARES AT LEAST ONE FOOT ON EACH SIDE) OR ROTATING YELLOW BEACON PLACED ON THE UPPERMOST PART OF THE VEHICLE.
- 4.) RADIO CONTROL - THE CONTRACTOR WILL BE REQUIRED TO BE IN TWO-WAY RADIO CONTACT (123.0 MHZ) WITH THE AIRPORT MANAGER. THIS WILL KEEP THE CONTRACTOR IN CONSTANT CONTACT WITH THE ILLINOIS VALLEY REGIONAL AIRPORT AND ENABLE THE AIRPORT TO IMMEDIATELY CONTACT THE CONTRACTOR IN THE CASE OF AN AERONAUTICAL EMERGENCY THAT WOULD REQUIRE ACTION BY THE CONTRACTOR AND/OR HIS PERSONNEL.
- 5.) THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES AND AGENCIES THAT HAVE LINES OR CONDUITS IN THE PROPOSED WORK AREA. ALL LINES AND CONDUITS SHALL BE LOCATED AND IDENTIFIED FOR DEPTH BEFORE ANY EXCAVATION BEGINS. THE CONTRACTOR WILL CALL J.U.L.I.E. (1-800-892-0123) TO ACCOMPLISH THE ABOVE.
- 6.) AIRPORT SECURITY WILL BE MAINTAINED AT ALL TIMES. THE ACCESS ROAD GATE SHALL BE MAINTAINED AND KEPT CLOSED WHENEVER NOT IN USE.
- 7.) MAXIMUM ANTICIPATED CONSTRUCTION EQUIPMENT HEIGHT = 30'-0"
- 8.) THE CONTRACTOR'S EQUIPMENT AND VEHICLE PARKING AREAS WILL BE AS SHOWN ON THIS SHEET.
- 9.) THE CONTRACTOR AND HIS EMPLOYEES WILL BE RESTRICTED TO THE WORK AREA AND ALL OTHER AREAS OF THE AIRPORT ARE "OFF LIMITS" TO THEM.
- 10.) THE CONTRACTOR'S EMPLOYEES WILL PARK THEIR PERSONAL VEHICLES IN THE AIRPORT PARKING LOT.
- 11.) THE CONTRACTOR WILL USE THE DESIGNATED HAUL ROUTE AND PARKING AREA AS SHOWN ON THIS SHEET. THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN THE PROPOSED HAUL ROUTE AND PARKING AREA THROUGHOUT THE COURSE OF THE PROJECT. ANY AREAS DAMAGED OUTSIDE THESE AREAS WILL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE. AT THE CONCLUSION OF THE PROJECT, THE CONTRACTOR WILL PERFORM ANY AND ALL WORK NECESSARY TO RESTORE THE HAUL ROUTE AND EQUIPMENT PARKING AND STORAGE AREA TO ITS ORIGINAL STATE. RESTORATION OF THE HAUL ROUTE AND PARKING AREA WILL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 12.) NO OPEN HOLES OR TRENCHES WILL BE ALLOWED TO REMAIN OPEN WHEN CONTRACTORS ARE NOT PRESENT. THESE HOLES AND TRENCHES WILL BE FILLED IN AT THE END OF EACH WORK DAY.
- 13.) PUMPING GROUND WATER AND/OR STORM WATER FROM THE WORK AREA IS CONSIDERED INCIDENTAL TO THE PROJECT.
- 14.) IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE AND MAINTAIN BARRICADES AS SHOWN ON THE PLANS AND AS DIRECTED BY THE AIRPORT MANAGER. THE BARRICADES WILL BE EQUIPPED WITH RED FLASHING LIGHTS AND 20" SQUARE ORANGE FLAGS. THE BARRICADES, THEIR MAINTENANCE, PLACEMENT AND REMOVAL WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 15.) ALL TRAFFIC CONTROL IS INCIDENTAL TO THE CONTRACT.
- 16.) SITE ACCESS AND HAUL ROUTE IS THE PUBLIC ENTRANCE ROAD TO THE AIRPORT. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO MAINTAIN ALL ENTRANCE ROAD SURFACES IN A CLEAN CONDITION. THIS SHALL INCLUDE CLEANING OF THE ROADWAY AND PARKING LOT SURFACES AS OFTEN AS NECESSARY OR AS DIRECTED BY THE RESIDENT ENGINEER.
- 17.) WHEN HAUL ROUTE IS IN USE, THE CONTRACTOR SHALL PROVIDE A DEDICATED TRAFFIC SAFETY PERSON TO DIRECT VEHICLE MOVEMENT WHEN CROSSING TAXIWAYS OR APRON. PROVIDE TEMPORARY STOP SIGN AS INDICATED ON PLANS AND VERIFY THAT ALL VEHICLES STOP AND BE GIVEN PERMISSION PRIOR TO ENTERING AIRFIELD. THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT.
- 18.) THE CONTRACTOR WILL BE REQUIRED TO HAVE A SWEEPER AVAILABLE FOR USE AT ALL TIMES. WHEN ACTIVE AIRFIELD PAVEMENTS ARE UTILIZED AS HAUL ROADS OR FOR GENERAL CONSTRUCTION OPERATIONS BY THE CONTRACTOR, MATERIAL TRACKED ON THE PAVEMENT SHALL BE CONTINUALLY REMOVED TO THE SATISFACTION OF THE AIRPORT MANAGER & R.E. THE SWEEPER OPERATIONS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- 19.) THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF THE CONSTRUCTION ACCESS HAUL ROUTE TO THE PHASE 1 CONSTRUCTION AREA. ANY COMPACTION MATERIAL, TOPSOIL STRIPPING OR MATERIAL REMOVAL SHALL BE CONSIDERED INCLUDED IN THE CONTRACT.
- 20.) TAXIWAY E SHALL BE CLOSED WHEN ANY WORK IS DONE WITHIN 50 FEET OF THE EDGE OF TAXIWAY E. BARRICADES SHALL BE PLACED ON TAXIWAY A AT RAMP ACCESS AND AT RSA LINE OF TAXIWAY E.

DESIGNATED EXCESS EARTHWORK SPOILS AREA. EXCESS EARTHWORK TO BE DUMPED AND SPREAD AS DIRECTED BY THE AIRPORT MANAGER AND ENGINEER. PROVIDE A MIN. OF 4" VEGETATIVE SUSTAINING TOPSOIL, SEEDING AND MULCH.

NOTE:

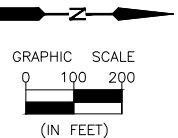
- 1.) SIGN COST INCIDENTAL TO CONTRACT
- 2.) BACKGROUND - ORANGE LETTERS - BLACK



WARNING SIGN DETAIL
NOT TO SCALE

LEGEND

- RSA --- RUNWAY SAFETY AREA
- TSA --- TAXIWAY SAFETY AREA



CRITICAL POINT DATA

PNT. LOCATION	LATITUDE	LONGITUDE	GRND. ELEV.	HEIGHT (AMSL)
TAXIWAY "A" BARRICADE ①	N. 41° 21' 21.4028"	W. 89° 09' 06.2257"	650.50	680.50
RUNWAY 18-36 BARRICADE ②	N. 41° 21' 36.0905"	W. 89° 09' 07.9510"	650.50	653.00
SPOILS AREA OBSTRUCTION HGT. ③	N. 41° 20' 56.6794"	W. 89° 09' 04.8071"	645.25	660.25
TAXIWAY "A" WARNING SIGN ⑧	N. 41° 21' 10.8825"	W. 89° 09' 04.9050"	649.40	651.90
TAXIWAY "A" WARNING SIGN ⑧	N. 41° 21' 14.5659"	W. 89° 09' 05.0351"	649.40	651.90
SPOILS AREA OBSTRUCTION HGT. ⑫	N. 41° 20' 59.9427"	W. 89° 09' 04.5501"	646.00	661.00
SPOILS AREA OBSTRUCTION HGT. ⑬	N. 41° 21' 00.0264"	W. 89° 09' 01.9561"	645.00	660.00
STORAGE AREA OBSTRUCTION HGT. ⑭	N. 41° 21' 11.0575"	W. 89° 08' 56.1045"	650.00	680.00

*BARRICADES USED ON AIRPORT SURFACES SHALL BE LOW PROFILE WITH REFLECTIVE STRIPES & RED LIGHTS AS PER AC 150/5370-2G "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION".

CONSTRUCTION SEQUENCE & SAFETY

PHASE 1 AREA:

- A. MOVE TRAFFIC CONTROL BARRICADES TO PHASE 1 LOCATIONS.
- B. CONSTRUCT NEW TAXIWAY "A" COMPLETE WITH EARTHWORK, SUB-BASE, PAVING, EDGE LIGHTING, AND SEEDING / FERT.
- C. REMOVE STABILIZED CONSTRUCTION ENTRANCE.
- D. CLEAN PAVEMENTS.

POINT OF CONTACT
CHUCK STUDDER
IL. VALLEY REG. AIRPORT
4150 PLANK ROAD
PERU, IL. 61354
(815) 223-2003

CHAMLIN & ASSOCIATES, INC. © 2021 Drawing Name: G:\Users\11109-02-ORIGINAL IN MORRIS -Peru-Wrk-Taxiway-Extension-Phase-2\CAD\C3D\C3D-002-SAFETY PHASE 1.dwg Last Modified: Friday, December 17, 2021 2:29:20 PM Plotted On: Saturday, January 15, 2022 8:43:43 PM by Casey McColeum

DRAWN BY: KED	REVISIONS			
	LEVEL	BY	DATE	DESCRIPTION
CHECKED BY: CJM				
DATE: 12/10				

PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
PERU, ILLINOIS

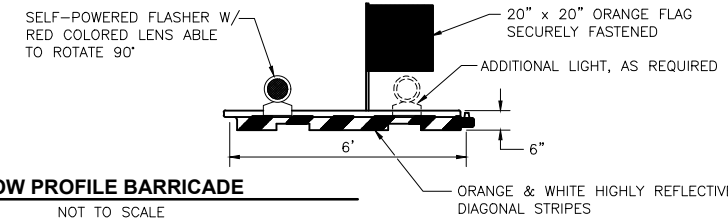
CONSTRUCTION SAFETY PLAN - PHASE 1

CONSTRUCTION PLANS

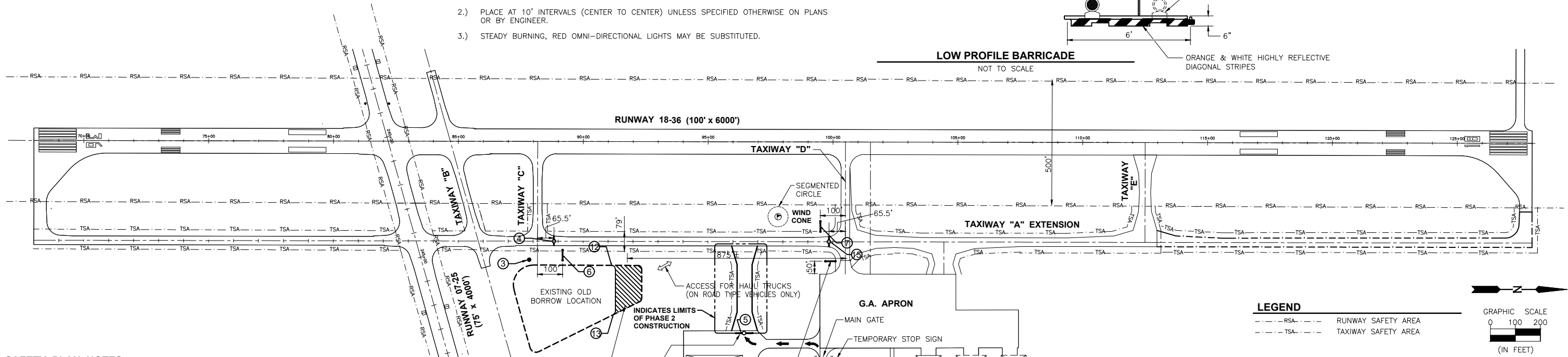
CURRENT AS OF: 10/21/2021	
SCALE: AS NOTED	SHEET 2
FILE NO.: 1109.02 Y-	OF 32

BARRICADE NOTES:

- 1.) BARRICADES TO BE HIGH IMPACT UV-RESISTANT POLYETHYLENE, LIQUID OR SAND BALLASTED TO WITHSTAND DISPLACEMENT BY WEATHER, JET OR PROP BLAST.
- 2.) PLACE AT 10' INTERVALS (CENTER TO CENTER) UNLESS SPECIFIED OTHERWISE ON PLANS OR BY ENGINEER.
- 3.) STEADY BURNING, RED OMNI-DIRECTIONAL LIGHTS MAY BE SUBSTITUTED.

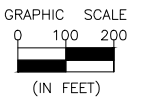


LOW PROFILE BARRICADE
NOT TO SCALE



LEGEND

- RSA --- RUNWAY SAFETY AREA
- TSA --- TAXIWAY SAFETY AREA



SAFETY PLAN NOTES

- 1.) THE SEQUENCE OF CONSTRUCTION SHOWN ON THIS SHEET IS INTENDED TO ALLOW ORDERLY AND SAFE CONSTRUCTION, AND TO AVOID LENGTHY RUNWAY CLOSINGS.
- 2.) THE ILLINOIS VALLEY REGIONAL AIRPORT IS COMPRISED OF TWO RUNWAYS. THE PROPOSED CONSTRUCTION WILL NECESSITATE CLOSING Rwy 18-36 ANY TIME THE CONTRACTOR IS WORKING WITHIN 250' OF THE CENTERLINE. ALL WORK INCLUDED IN OPENING AND CLOSING THE RUNWAY WILL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 3.) IDENTIFICATION - WHEN THE CONTRACTOR'S VEHICLES AND EQUIPMENT ARE ON THE AIRPORT, THEY SHALL BE PROPERLY MARKED WITH THREE (3') FOOT SQUARE CHECKERED FLAGS (INTERNATIONAL ORANGE AND WHITE SQUARES AT LEAST ONE FOOT ON EACH SIDE) OR ROTATING YELLOW BEACON PLACED ON THE UPPERMOST PART OF THE VEHICLE.
- 4.) RADIO CONTROL - THE CONTRACTOR WILL BE REQUIRED TO BE IN TWO-WAY RADIO CONTACT (123.0 MHZ) WITH THE AIRPORT MANAGER. THIS WILL KEEP THE CONTRACTOR IN CONSTANT CONTACT WITH THE ILLINOIS VALLEY REGIONAL AIRPORT AND ENABLE THE AIRPORT TO IMMEDIATELY CONTACT THE CONTRACTOR IN THE CASE OF AN AERONAUTICAL EMERGENCY THAT WOULD REQUIRE ACTION BY THE CONTRACTOR AND/OR HIS PERSONNEL.
- 5.) THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES AND AGENCIES THAT HAVE LINES OR CONDUITS IN THE PROPOSED WORK AREA. ALL LINES AND CONDUITS SHALL BE LOCATED AND IDENTIFIED FOR DEPTH BEFORE ANY EXCAVATION BEGINS. THE CONTRACTOR WILL CALL J.U.I.E. (1-800-892-0123) TO ACCOMPLISH THE ABOVE.
- 6.) AIRPORT SECURITY WILL BE MAINTAINED AT ALL TIMES. THE ACCESS ROAD GATE SHALL BE MAINTAINED AND KEPT CLOSED WHENEVER NOT IN USE.
- 7.) MAXIMUM ANTICIPATED CONSTRUCTION EQUIPMENT HEIGHT = 30'-0"
- 8.) THE CONTRACTOR'S EQUIPMENT AND VEHICLE PARKING AREAS WILL BE AS SHOWN ON THIS SHEET.
- 9.) THE CONTRACTOR AND HIS EMPLOYEES WILL BE RESTRICTED TO THE WORK AREA AND ALL OTHER AREAS OF THE AIRPORT ARE "OFF LIMITS" TO THEM.
- 10.) THE CONTRACTOR'S EMPLOYEES WILL PARK THEIR PERSONAL VEHICLES IN THE AIRPORT PARKING LOT.
- 11.) THE CONTRACTOR WILL USE THE DESIGNATED HAUL ROUTE AND PARKING AREA AS SHOWN ON THIS SHEET. THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN THE PROPOSED HAUL ROUTE AND PARKING AREA THROUGHOUT THE COURSE OF THE PROJECT. ANY AREAS DAMAGED OUTSIDE THESE AREAS WILL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE. AT THE CONCLUSION OF THE PROJECT, THE CONTRACTOR WILL PERFORM ANY AND ALL WORK NECESSARY TO RESTORE THE HAUL ROUTE AND EQUIPMENT PARKING AND STORAGE AREA TO ITS ORIGINAL STATE. RESTORATION OF THE HAUL ROUTE AND PARKING AREA WILL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 12.) NO OPEN HOLES OR TRENCHES WILL BE ALLOWED TO REMAIN OPEN WHEN CONTRACTORS ARE NOT PRESENT. THESE HOLES AND TRENCHES WILL BE FILLED IN AT THE END OF EACH WORK DAY.
- 13.) PUMPING GROUND WATER AND/OR STORM WATER FROM THE WORK AREA IS CONSIDERED INCIDENTAL TO THE PROJECT.
- 14.) IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE AND MAINTAIN BARRICADES AS SHOWN ON THE PLANS AND AS DIRECTED BY THE AIRPORT MANAGER. THE BARRICADES WILL BE EQUIPPED WITH RED FLASHING LIGHTS AND 20" SQUARE ORANGE FLAGS. THE BARRICADES, THEIR MAINTENANCE, PLACEMENT AND REMOVAL WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 15.) ALL TRAFFIC CONTROL IS INCIDENTAL TO THE CONTRACT.
- 16.) SITE ACCESS AND HAUL ROUTE IS THE PUBLIC ENTRANCE ROAD TO THE AIRPORT. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO MAINTAIN ALL ENTRANCE ROAD SURFACES IN A CLEAN CONDITION. THIS SHALL INCLUDE CLEANING OF THE ROADWAY AND PARKING LOT SURFACES AS OFTEN AS NECESSARY OR AS DIRECTED BY THE RESIDENT ENGINEER.
- 17.) WHEN HAUL ROUTE IS IN USE, THE CONTRACTOR SHALL PROVIDE A DEDICATED TRAFFIC SAFETY PERSON TO DIRECT VEHICLE MOVEMENT WHEN CROSSING TAXIWAYS OR APRON. PROVIDE TEMPORARY STOP SIGN AS INDICATED ON PLANS AND VERIFY THAT ALL VEHICLES STOP AND BE GIVEN PERMISSION PRIOR TO ENTERING AIRFIELD. THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT.
- 18.) THE CONTRACTOR WILL BE REQUIRED TO HAVE A SWEEPER AVAILABLE FOR USE AT ALL TIMES. WHEN ACTIVE AIRFIELD PAVEMENTS ARE UTILIZED AS HAUL ROADS OR FOR GENERAL CONSTRUCTION OPERATIONS BY THE CONTRACTOR, MATERIAL TRACKED ON THE PAVEMENT SHALL BE CONTINUALLY REMOVED TO THE SATISFACTION OF THE AIRPORT MANAGER & R.E. THE SWEEPER OPERATIONS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

DESIGNATED EXCESS EARTHWORK SPOILS AREA. EXCESS EARTHWORK TO BE DUMPED AND SPREAD AS DIRECTED BY THE AIRPORT MANAGER AND ENGINEER. PROVIDE A MIN. OF 4" VEGETATIVE SUSTAINING TOPSOIL, SEEDING AND MULCH.

LOW PROFILE BARRICADES PLACED DURING PHASE 2 CONSTRUCTION (INCIDENTAL)

WARNING SIGN (SEE DETAIL THIS SHEET) (IN PLACE FOR DURATION OF PROJECT)

NOTE:

- 1.) SIGN COST INCIDENTAL TO CONTRACT
- 2.) BACKGROUND - ORANGE LETTERS - BLACK



WARNING SIGN DETAIL
NOT TO SCALE

CRITICAL POINT DATA

PNT. LOCATION	LATITUDE	LONGITUDE	GRND. ELEV.	HEIGHT (AMSL)
SPOILS AREA OBSTRUCTION HGT. ③	N. 41° 20' 56.6794"	W. 89° 09' 04.8071"	645.25	660.25
TAXIWAY "A" BARRICADE ④	N. 41° 20' 57.6505"	W. 89° 09' 05.7905"	648.50	651.50
TAXIWAY "D" BARRICADE ⑤	N. 41° 21' 05.2106"	W. 89° 09' 01.0514"	650.00	653.00
TAXIWAY "A" WARNING SIGN ⑥	N. 41° 20' 57.9975"	W. 89° 09' 05.0622"	645.50	648.00
TAXIWAY "A" WARNING SIGN ⑦	N. 41° 21' 08.1866"	W. 89° 09' 06.7006"	649.50	652.00
SPOILS AREA OBSTRUCTION HGT. ⑫	N. 41° 20' 59.9427"	W. 89° 09' 04.5501"	646.00	661.00
SPOILS AREA OBSTRUCTION HGT. ⑬	N. 41° 21' 00.0264"	W. 89° 09' 01.9561"	645.00	660.00
STORAGE AREA OBSTRUCTION HGT. ⑭	N. 41° 21' 11.0575"	W. 89° 08' 56.1045"	650.00	680.00
TAXIWAY "A" BARRICADE ⑮	N. 41° 21' 08.5324"	W. 89° 09' 05.8986"	649.50	652.50

* BARRICADES USED ON AIRPORT SURFACES SHALL BE LOW PROFILE WITH REFLECTIVE STRIPES & RED LIGHTS AS PER AC 150/5370-2G "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION".

CONSTRUCTION SEQUENCE & SAFETY

PHASE 2 AREA:

- A. INSTALL TRAFFIC CONTROL BARRICADES AND WARNING SIGN.
- B. STRIP TOPSOIL
- C. CONSTRUCT EMBANKMENT AND SHOULDERS
- D. CONSTRUCT SUB-BASE
- E. CONSTRUCT STORM DRAINAGE AND UNDERDRAINS
- F. CONSTRUCT COMPLETELY, PHASE 2 OF TAXIWAYS, WHICH INCLUDES EARTHWORK, SUB-BASE, PAVING, EDGE LIGHTING, GUIDANCE SIGNS, AND SEEDING / FERT. (NOT INCLUDING PAVEMENT MARKING).
- G. INSTALL TRAFFIC CONTROL BARRICADES, WARNING SIGNS ALONG

POINT OF CONTACT
CHUCK STUDDER
IL. VALLEY REG. AIRPORT
4150 PLANK ROAD
PERU, IL. 61354
(815) 223-2003

CHAMLIN & ASSOCIATES, INC. © 2021 Drawing Name: G:\Users\11109-02-ORIGINAL IN MORRIS -Peru-Wrk-Taxiway-Extension-Phase-2\CAD\C3D\03-SAFETY PHASE 2.dwg Last Modified: Friday, December 17, 2021 2:30:51 PM Plotted On: Saturday, January 15, 2022 8:46:37 PM by Casey McCollom

DRAWN BY: KED	REVISIONS			
	LEVEL	BY	DATE	DESCRIPTION
CHECKED BY: CJM				
DATE: 12/10				

PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

**ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
PERU, ILLINOIS**

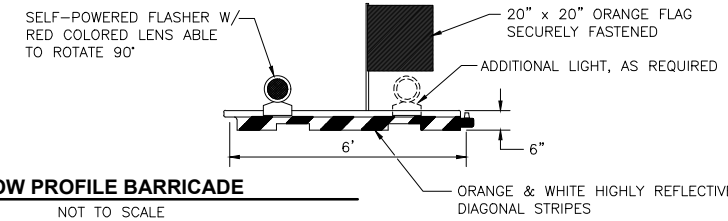
CONSTRUCTION SAFETY PLAN - PHASE 2

**CONSTRUCTION
PLANS**

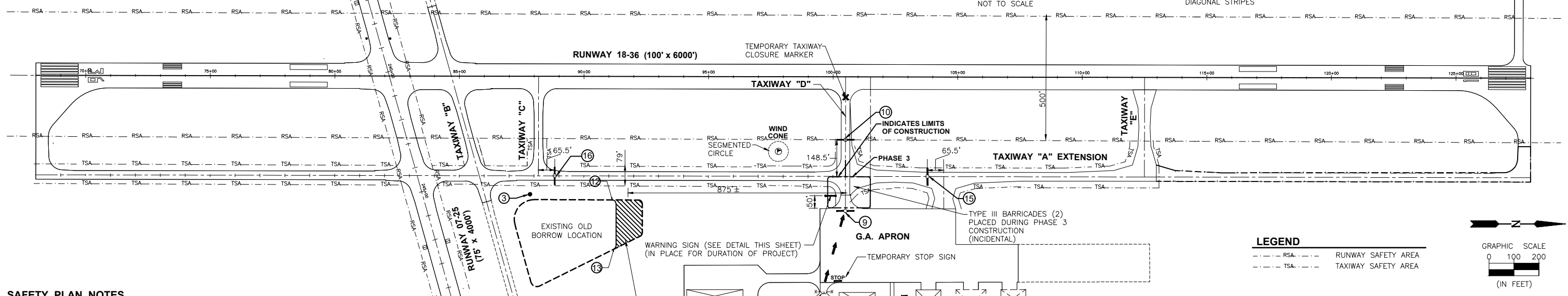
CURRENT AS OF: 10/21/2021	
SCALE: AS NOTED	SHEET 3
FILE NO.: 1109.02 Y-	OF 32

BARRICADE NOTES:

- 1.) BARRICADES TO BE HIGH IMPACT UV-RESISTANT POLYETHYLENE, LIQUID OR SAND BALLASTED TO WITHSTAND DISPLACEMENT BY WEATHER, JET OR PROP BLAST.
- 2.) PLACE AT 10' INTERVALS (CENTER TO CENTER) UNLESS SPECIFIED OTHERWISE ON PLANS OR BY ENGINEER.
- 3.) STEADY BURNING, RED OMNI-DIRECTIONAL LIGHTS MAY BE SUBSTITUTED.



LOW PROFILE BARRICADE
NOT TO SCALE

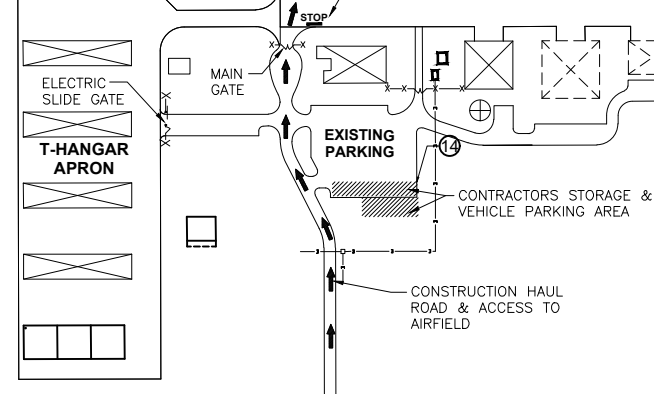


SAFETY PLAN NOTES

- 1.) THE SEQUENCE OF CONSTRUCTION SHOWN ON THIS SHEET IS INTENDED TO ALLOW ORDERLY AND SAFE CONSTRUCTION, AND TO AVOID LENGTHY RUNWAY CLOSINGS.
- 2.) THE ILLINOIS VALLEY REGIONAL AIRPORT IS COMPRISED OF TWO RUNWAYS. THE PROPOSED CONSTRUCTION WILL NECESSITATE CLOSING Rwy 18-36 ANY TIME THE CONTRACTOR IS WORKING WITHIN 250' OF THE CENTERLINE. ALL WORK INCLUDED IN OPENING AND CLOSING THE RUNWAY WILL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 3.) IDENTIFICATION - WHEN THE CONTRACTOR'S VEHICLES AND EQUIPMENT ARE ON THE AIRPORT, THEY SHALL BE PROPERLY MARKED WITH THREE (3') FOOT SQUARE CHECKERED FLAGS (INTERNATIONAL ORANGE AND WHITE SQUARES AT LEAST ONE FOOT ON EACH SIDE) OR ROTATING YELLOW BEACON PLACED ON THE UPPERMOST PART OF THE VEHICLE.
- 4.) RADIO CONTROL - THE CONTRACTOR WILL BE REQUIRED TO BE IN TWO-WAY RADIO CONTACT (123.0 MHZ) WITH THE AIRPORT MANAGER. THIS WILL KEEP THE CONTRACTOR IN CONSTANT CONTACT WITH THE ILLINOIS VALLEY REGIONAL AIRPORT AND ENABLE THE AIRPORT TO IMMEDIATELY CONTACT THE CONTRACTOR IN THE CASE OF AN AERONAUTICAL EMERGENCY THAT WOULD REQUIRE ACTION BY THE CONTRACTOR AND/OR HIS PERSONNEL.
- 5.) THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES AND AGENCIES THAT HAVE LINES OR CONDUITS IN THE PROPOSED WORK AREA. ALL LINES AND CONDUITS SHALL BE LOCATED AND IDENTIFIED FOR DEPTH BEFORE ANY EXCAVATION BEGINS. THE CONTRACTOR WILL CALL J.U.I.E. (1-800-892-0123) TO ACCOMPLISH THE ABOVE.
- 6.) AIRPORT SECURITY WILL BE MAINTAINED AT ALL TIMES. THE ACCESS ROAD GATE SHALL BE MAINTAINED AND KEPT CLOSED WHENEVER NOT IN USE.
- 7.) MAXIMUM ANTICIPATED CONSTRUCTION EQUIPMENT HEIGHT = 30'-0"
- 8.) THE CONTRACTOR'S EQUIPMENT AND VEHICLE PARKING AREAS WILL BE AS SHOWN ON THIS SHEET.
- 9.) THE CONTRACTOR AND HIS EMPLOYEES WILL BE RESTRICTED TO THE WORK AREA AND ALL OTHER AREAS OF THE AIRPORT ARE "OFF LIMITS" TO THEM.
- 10.) THE CONTRACTOR'S EMPLOYEES WILL PARK THEIR PERSONAL VEHICLES IN THE AIRPORT PARKING LOT.
- 11.) THE CONTRACTOR WILL USE THE DESIGNATED HAUL ROUTE AND PARKING AREA AS SHOWN ON THIS SHEET. THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN THE PROPOSED HAUL ROUTE AND PARKING AREA THROUGHOUT THE COURSE OF THE PROJECT. ANY AREAS DAMAGED OUTSIDE THESE AREAS WILL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE. AT THE CONCLUSION OF THE PROJECT, THE CONTRACTOR WILL PERFORM ANY AND ALL WORK NECESSARY TO RESTORE THE HAUL ROUTE AND EQUIPMENT PARKING AND STORAGE AREA TO ITS ORIGINAL STATE. RESTORATION OF THE HAUL ROUTE AND PARKING AREA WILL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 12.) NO OPEN HOLES OR TRENCHES WILL BE ALLOWED TO REMAIN OPEN WHEN CONTRACTORS ARE NOT PRESENT. THESE HOLES AND TRENCHES WILL BE FILLED IN AT THE END OF EACH WORK DAY.
- 13.) PUMPING GROUND WATER AND/OR STORM WATER FROM THE WORK AREA IS CONSIDERED INCIDENTAL TO THE PROJECT.
- 14.) IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE AND MAINTAIN BARRICADES AS SHOWN ON THE PLANS AND AS DIRECTED BY THE AIRPORT MANAGER. THE BARRICADES WILL BE EQUIPPED WITH RED FLASHING LIGHTS AND 20" SQUARE ORANGE FLAGS. THE BARRICADES, THEIR MAINTENANCE, PLACEMENT AND REMOVAL WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 15.) ALL TRAFFIC CONTROL IS INCIDENTAL TO THE CONTRACT.
- 16.) SITE ACCESS AND HAUL ROUTE IS THE PUBLIC ENTRANCE ROAD TO THE AIRPORT. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO MAINTAIN ALL ENTRANCE ROAD SURFACES IN A CLEAN CONDITION. THIS SHALL INCLUDE CLEANING OF THE ROADWAY AND PARKING LOT SURFACES AS OFTEN AS NECESSARY OR AS DIRECTED BY THE RESIDENT ENGINEER.
- 17.) WHEN HAUL ROUTE IS IN USE, THE CONTRACTOR SHALL PROVIDE A DEDICATED TRAFFIC SAFETY PERSON TO DIRECT VEHICLE MOVEMENT WHEN CROSSING TAXIWAYS OR APRON. PROVIDE TEMPORARY STOP SIGN AS INDICATED ON PLANS AND VERIFY THAT ALL VEHICLES STOP AND BE GIVEN PERMISSION PRIOR TO ENTERING AIRFIELD. THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT.
- 18.) THE CONTRACTOR WILL BE REQUIRED TO HAVE A SWEEPER AVAILABLE FOR USE AT ALL TIMES. WHEN ACTIVE AIRFIELD PAVEMENTS ARE UTILIZED AS HAUL ROADS OR FOR GENERAL CONSTRUCTION OPERATIONS BY THE CONTRACTOR, MATERIAL TRACKED ON THE PAVEMENT SHALL BE CONTINUALLY REMOVED TO THE SATISFACTION OF THE AIRPORT MANAGER & R.E. THE SWEEPER OPERATIONS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

DESIGNATED EXCESS EARTHWORK SPOILS AREA. EXCESS EARTHWORK TO BE DUMPED AND SPREAD AS DIRECTED BY THE AIRPORT MANAGER AND ENGINEER. PROVIDE A MIN. OF 4" VEGETATIVE SUSTAINING TOPSOIL, SEEDING AND MULCH.

WARNING SIGN (SEE DETAIL THIS SHEET) (IN PLACE FOR DURATION OF PROJECT)



WARNING SIGN DETAIL
NOT TO SCALE

NOTE:

- 1.) SIGN COST INCIDENTAL TO CONTRACT
- 2.) BACKGROUND - ORANGE LETTERS - BLACK



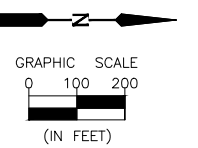
TEMPORARY CLOSED TAXIWAY MARKER DETAIL
NOT TO SCALE

NOTES:

- 1.) CLOSED TAXIWAY MARKERS SHALL BE YELLOW.
- 2.) MARKERS SHALL BE DOUBLE LAYERED PAINTED OR PVC SNOW FENCE, SOLID COLORED PLASTIC, PAINTED PLYWOOD OR OTHER MATERIAL APPROVED BY THE ENGINEER.
- 3.) CONTRACTOR SHALL MAINTAIN MARKERS AS DIRECTED BY THE ENGINEER.
- 4.) MARKERS SHALL BE PLACED WHEN TAXIWAY WILL REQUIRE CLOSURE FOR MORE THAN 3 CONSECUTIVE DAYS WHILE ADJACENT RUNWAY IS ACTIVE.
- 5.) COST OF FURNISHING, INSTALLING, MAINTAINING AND REMOVING MARKERS AND BARRICADES SHALL BE CONSIDERED INCIDENTAL TO CONTRACT. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

LEGEND

- RSA --- RUNWAY SAFETY AREA
- TSA --- TAXIWAY SAFETY AREA



CRITICAL POINT DATA

PNT. LOCATION	LATITUDE	LONGITUDE	GRND. ELEV.	HEIGHT (AMSL)
SPOILS AREA OBSTRUCTION HGT. ③	N. 41° 20' 56.6794"	W. 89° 09' 04.8071"	645.25	660.25
TAXIWAY "D" BARRICADE ⑨	N. 41° 21' 09.1900"	W. 89° 09' 04.0833"	650.55	653.55
TAXIWAY "D" BARRICADE ⑩	N. 41° 21' 09.1686"	W. 89° 09' 07.8332"	650.25	653.25
SPOILS AREA OBSTRUCTION HGT. ⑫	N. 41° 20' 59.9427"	W. 89° 09' 04.5501"	646.00	661.00
SPOILS AREA OBSTRUCTION HGT. ⑬	N. 41° 21' 00.0264"	W. 89° 09' 01.9561"	645.00	660.00
STORAGE AREA OBSTRUCTION HGT. ⑭	N. 41° 21' 11.0575"	W. 89° 08' 56.1045"	650.00	680.00
TAXIWAY "A" BARRICADE ⑮	N. 41° 21' 12.4317"	W. 89° 09' 05.9356"	648.50	651.50
TAXIWAY "A" BARRICADE ⑯	N. 41° 20' 57.6502"	W. 89° 09' 05.7922"	648.50	651.50

*BARRICADES USED ON AIRPORT SURFACES SHALL BE LOW PROFILE WITH REFLECTIVE STRIPES & RED LIGHTS AS PER AC 150/5370-2G "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION".

CONSTRUCTION SEQUENCE & SAFETY

PHASE 3 AREA:

- A. MOVE TRAFFIC CONTROL BARRICADES TO PHASE 3 LOCATIONS.
- B. SAW CUT PAVEMENT TO BE REMOVED.
- C. REMOVE ALL PAVEMENT AND BACKFILL. (WORK TO BE COMPLETED IN SINGLE DAY)
- D. REMOVE ALL CONFLICTING LIGHTING AND SIGNAGE.
- E. SEED AND RESTORE.

POINT OF CONTACT
CHUCK STUDER
IL. VALLEY REG. AIRPORT
4150 PLANK ROAD
PERU, IL. 61354
(815) 223-2003

CHAMLIN & ASSOCIATES, INC. © 2021
Drawing Name: G:\Users\11109-02-ORIGINAL IN MORRIS -Peru-Wrk-Taxiway-Extension-Phase-3\CAD\CAD\04-SAFETY PHASE 3.dwg
Last Modified: Friday, December 17, 2022 2:32:13 PM
Plotted On: Saturday, January 15, 2022 8:48:14 PM
by Casey McCollom

DRAWN BY: KED	REVISIONS			
	LEVEL	BY	DATE	DESCRIPTION
CHECKED BY: CJM				
DATE: 12/18				

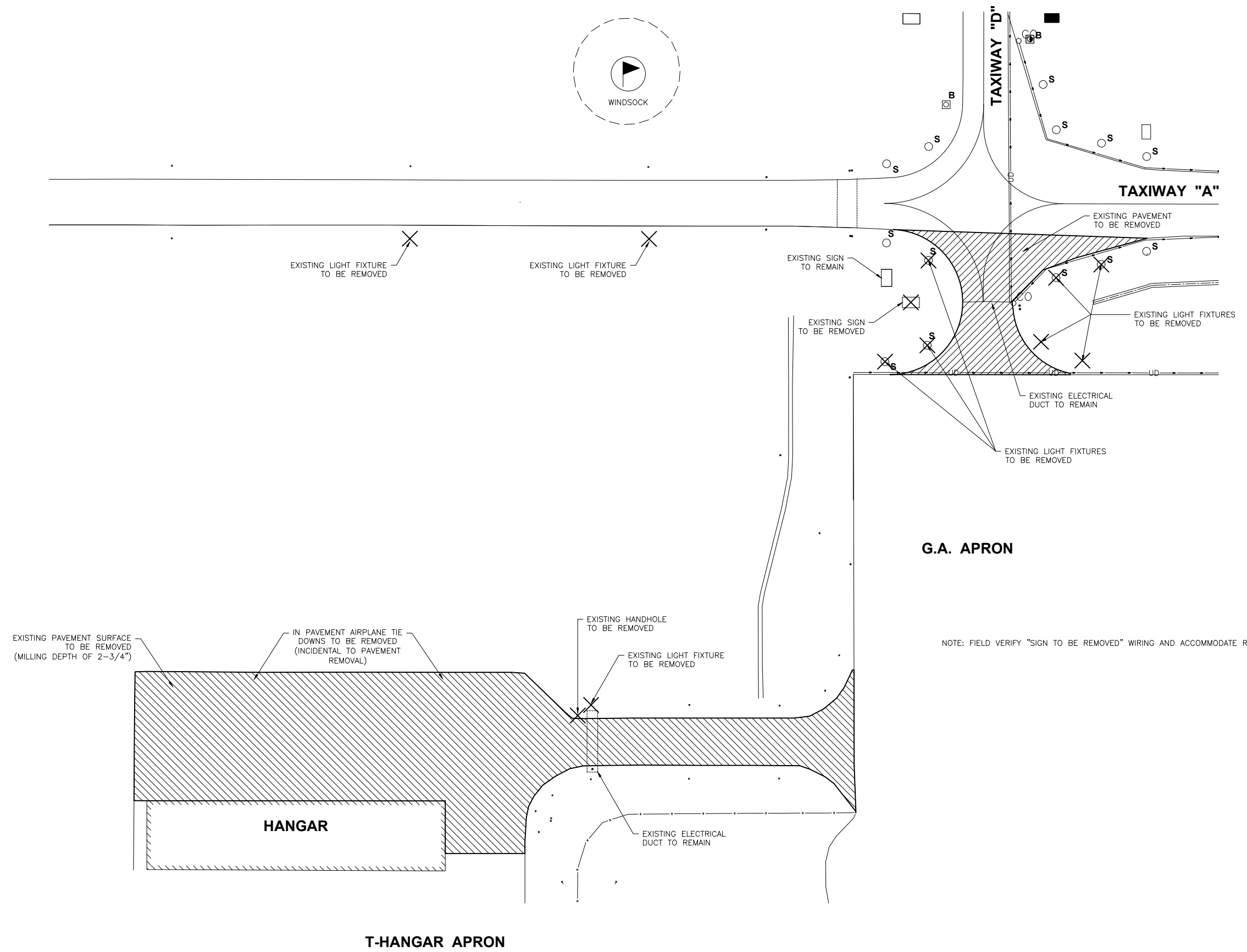
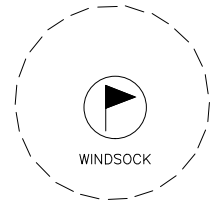
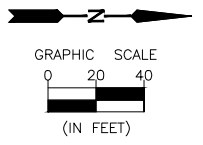
PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
PERU, ILLINOIS

CONSTRUCTION SAFETY PLAN - PHASE 3

CONSTRUCTION PLANS

CURRENT AS OF: 10/21/2021	
SCALE: AS NOTED	SHEET 4
FILE NO.: 1109.02 Y-	OF 32



NOTE: FIELD VERIFY "SIGN TO BE REMOVED" WIRING AND ACCOMMODATE REMOVAL ACCORDINGLY

CHAMLIN & ASSOCIATES, INC. © 2021
 Drawing Name: G:\Users\1109-02-ORIGINAL IN MORRIS -Peru-WR-Taxiway-Extension-Phase-2\CAD\C3D\006-REMOVAL.dwg Last Modified: Friday, December 17, 2021 2:59:32 PM Plotted On: Saturday, January 15, 2022 8:58:59 PM by Casey McCollom

DRAWN BY: KED	REVISIONS			
CHECKED BY: CJM	LEVEL	BY	DATE	DESCRIPTION
DATE: 12/10				

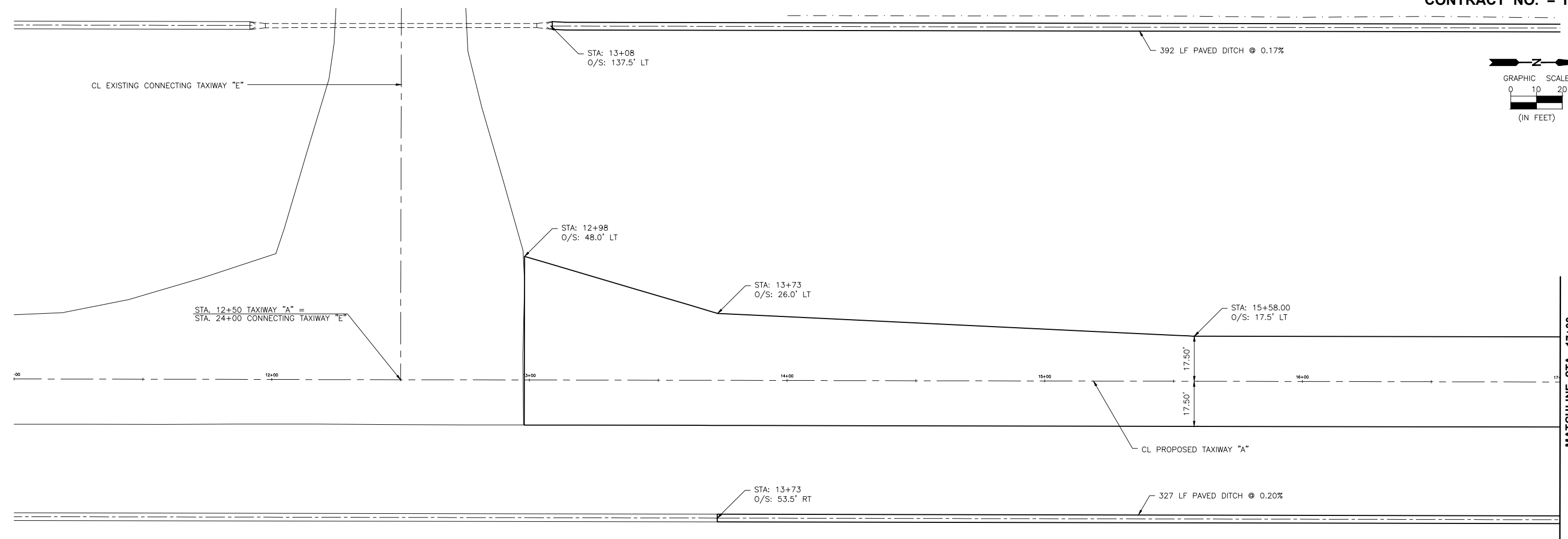
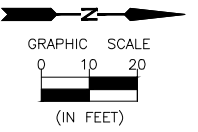
PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

**ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
PERU, ILLINOIS**

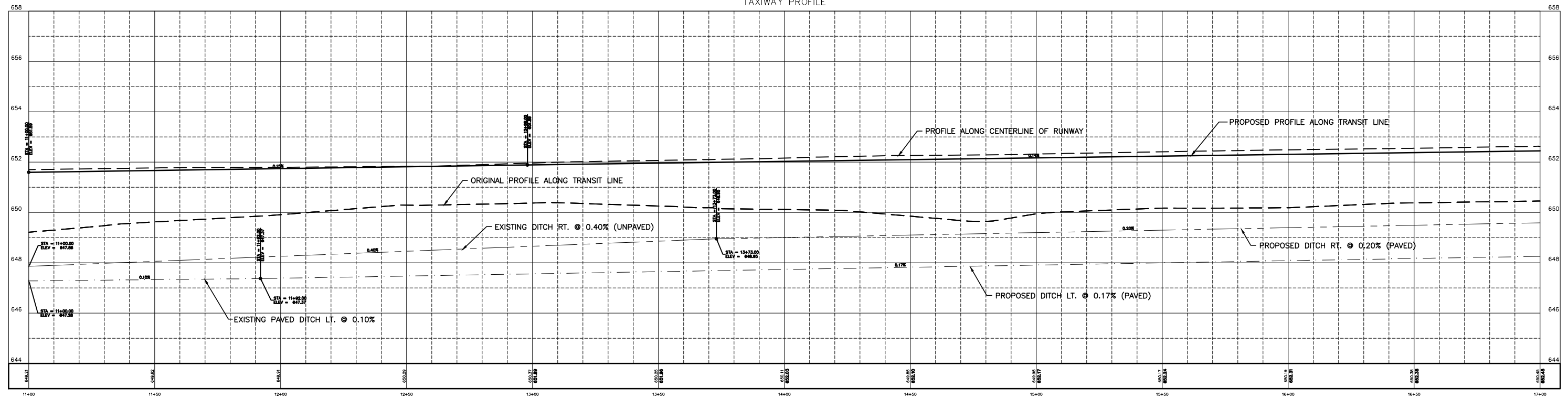
REMOVAL PLAN

**CONSTRUCTION
PLANS**

CURRENT AS OF: 10/21/2021	
SCALE: AS NOTED	SHEET 6
FILE NO.: 1109.02 Y-	OF 32



TAXIWAY PROFILE



CHAMLIN & ASSOCIATES, INC. © 2021
Drawing Name: G:\Users\A1109-02-ORIGINAL IN MORRIS -Peru-MRA-Taxiway-Extension-Phase-2\CAD\C3D\07-PP-11-17.dwg
Last Modified: Friday, December 17, 2021 3:02:53 PM
Plotted On: Saturday, January 15, 2022 9:04:04 PM
by Casey McCallom

DRAWN BY: KED	REVISIONS			
CHECKED BY: CJM	LEVEL	BY	DATE	DESCRIPTION
DATE: 12/10				

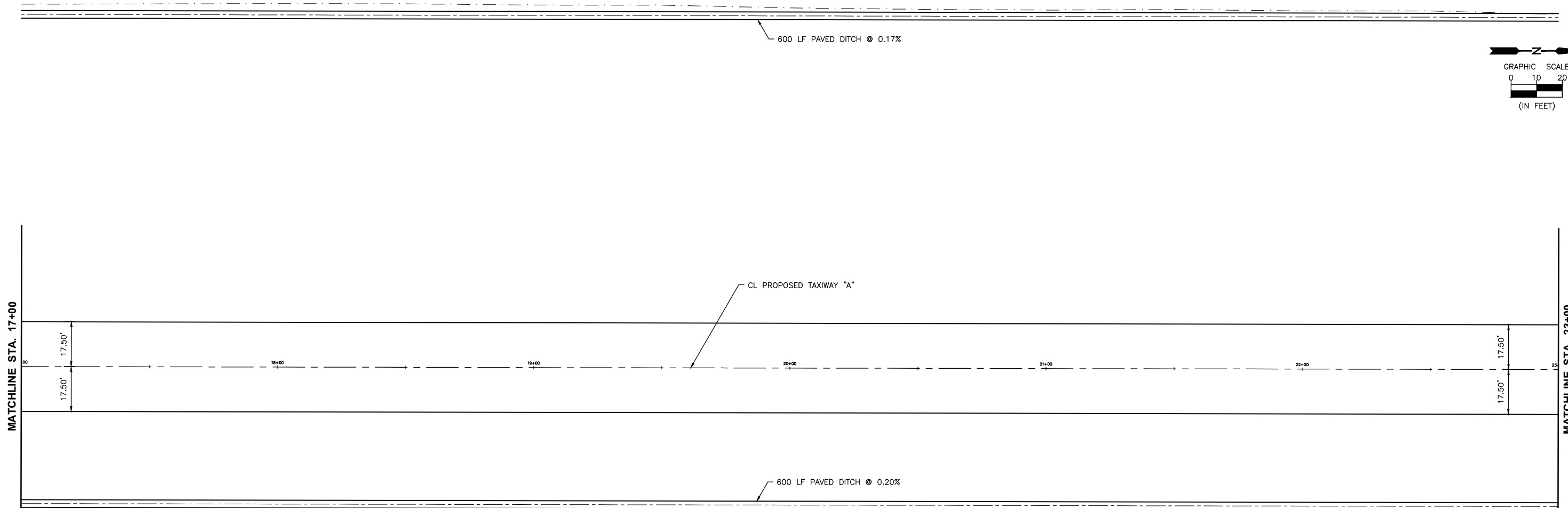
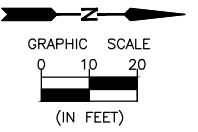


ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
PERU, ILLINOIS

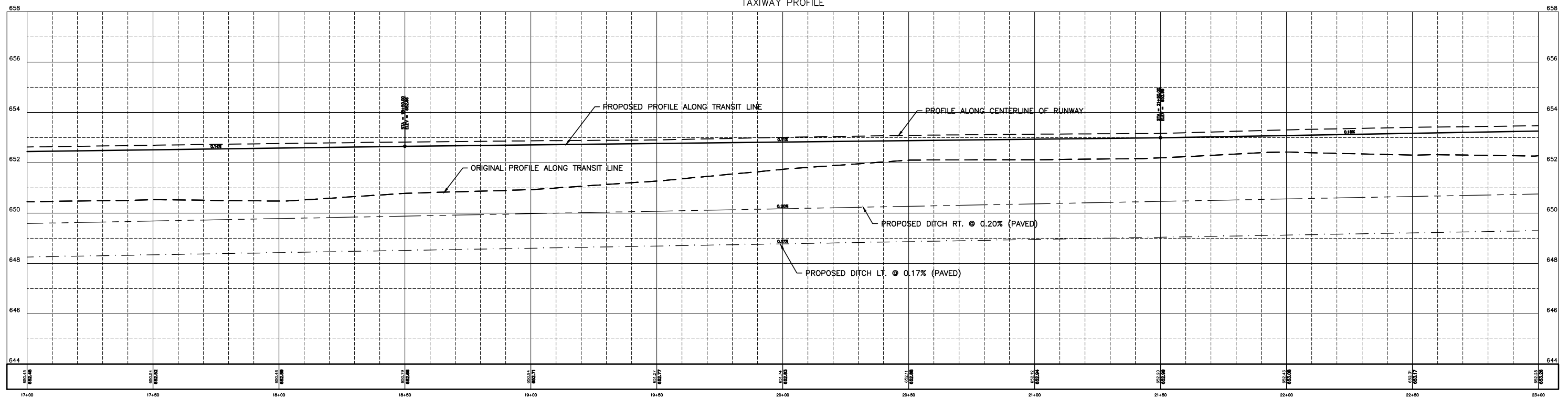
TAXIWAY "A" PLAN AND PROFILE
STA. 11+00 TO STA. 17+00

CONSTRUCTION
PLANS

CURRENT AS OF: 10/21/2021	
SCALE: AS NOTED	SHEET 7
FILE NO.: 1109.02 Y-	OF 32



TAXIWAY PROFILE



CHAMLIN & ASSOCIATES, INC. © 2021
 Drawing Name: G:\Users\AJ1109-02-ORIGINAL IN MORRIS -Peru-MRA-Taxiway-Extension-Phase-2\CAD\C3D\C3D-08-PP-17-23.dwg
 Last Modified: Friday, December 17, 2021 3:06:40 PM
 Plotted On: Saturday, January 15, 2022 9:10:02 PM
 by Casey McCallum

DRAWN BY: KED	REVISIONS			
CHECKED BY: CJM	LEVEL	BY	DATE	DESCRIPTION
DATE: 12/10				



PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

**ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
PERU, ILLINOIS**

**TAXIWAY "A" PLAN AND PROFILE
STA. 17+00 TO STA. 23+00**

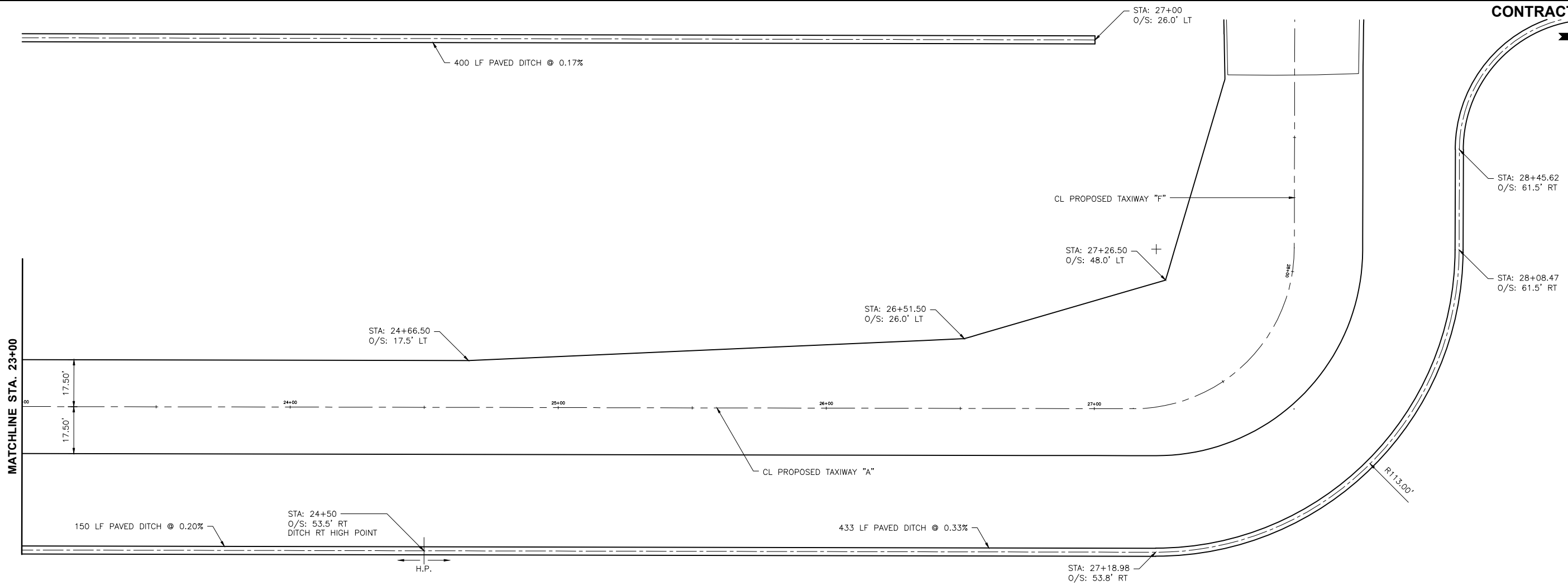
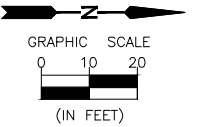
**CONSTRUCTION
PLANS**

CURRENT AS OF: 10/21/2021

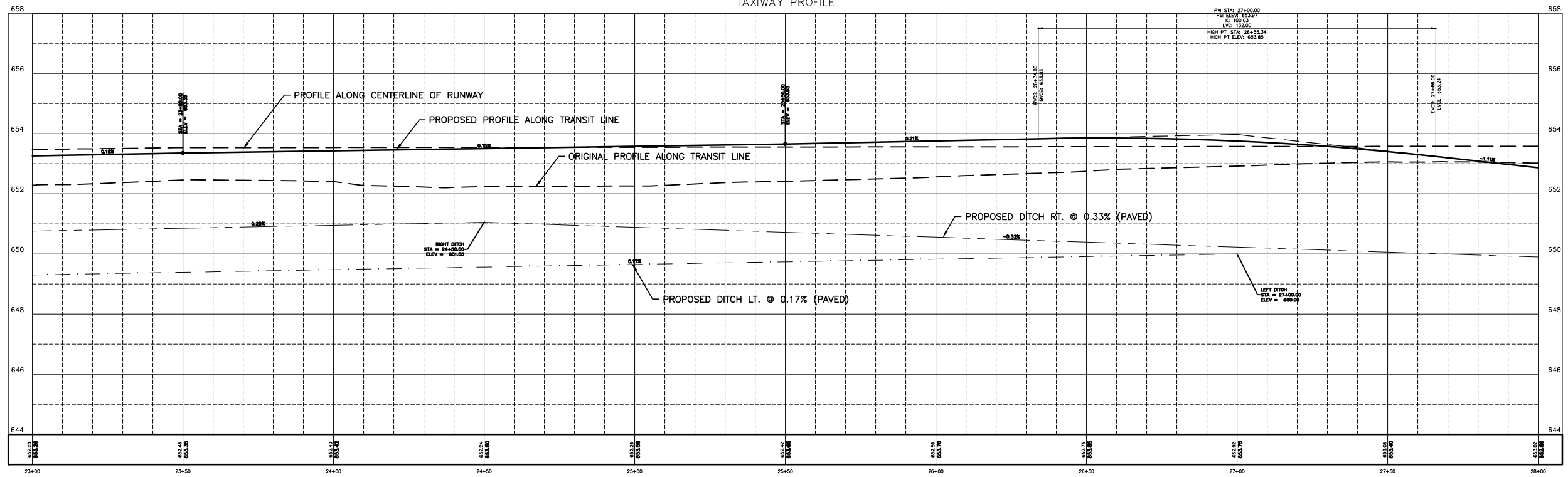
SCALE: AS NOTED

FILE NO.: 1109.02 Y- OF 32

SHEET 8



TAXIWAY PROFILE



CHAMLIN & ASSOCIATES, INC. © 2021
 Drawing Name: G:\Users\11109-02-ORIGINAL IN MORRIS -Peru-MRA-Taxiway-Extension-Phase-2\CAD\C3D\09-PP-23-28.dwg
 Last Modified: Friday, December 17, 2021 3:08:54 PM
 Plotted On: Saturday, January 15, 2022 9:14:03 PM
 by Casey McCallum

DRAWN BY: KED	REVISIONS			
CHECKED BY: CJM	LEVEL	BY	DATE	DESCRIPTION
DATE: 12/10				



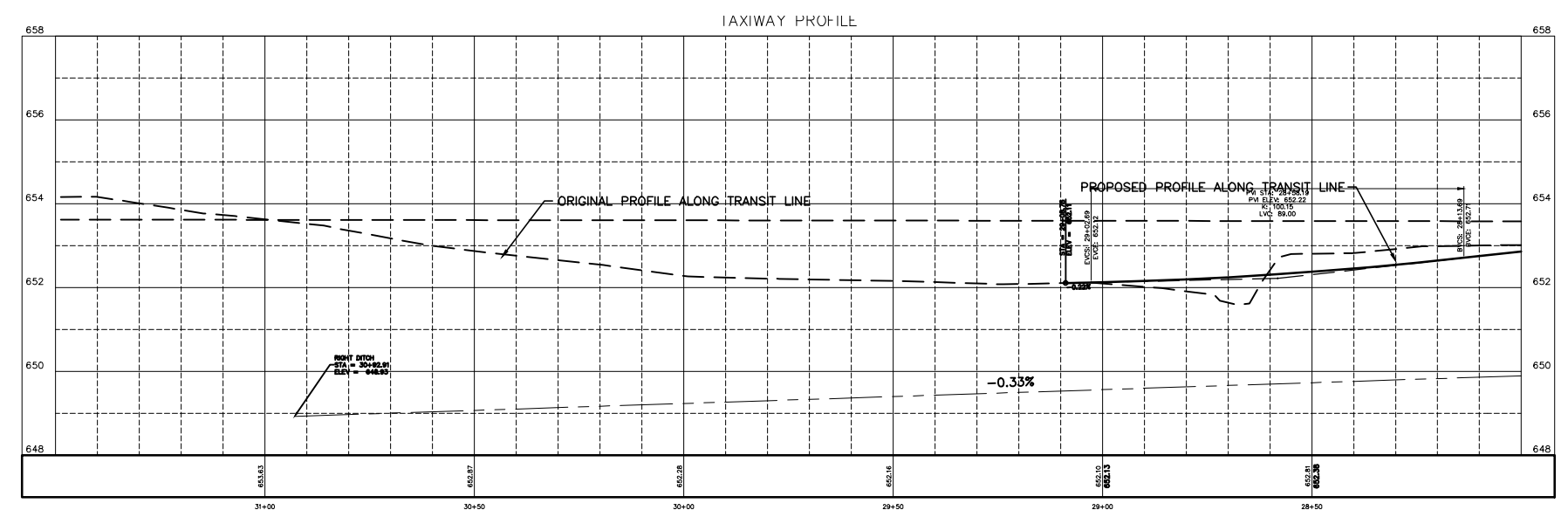
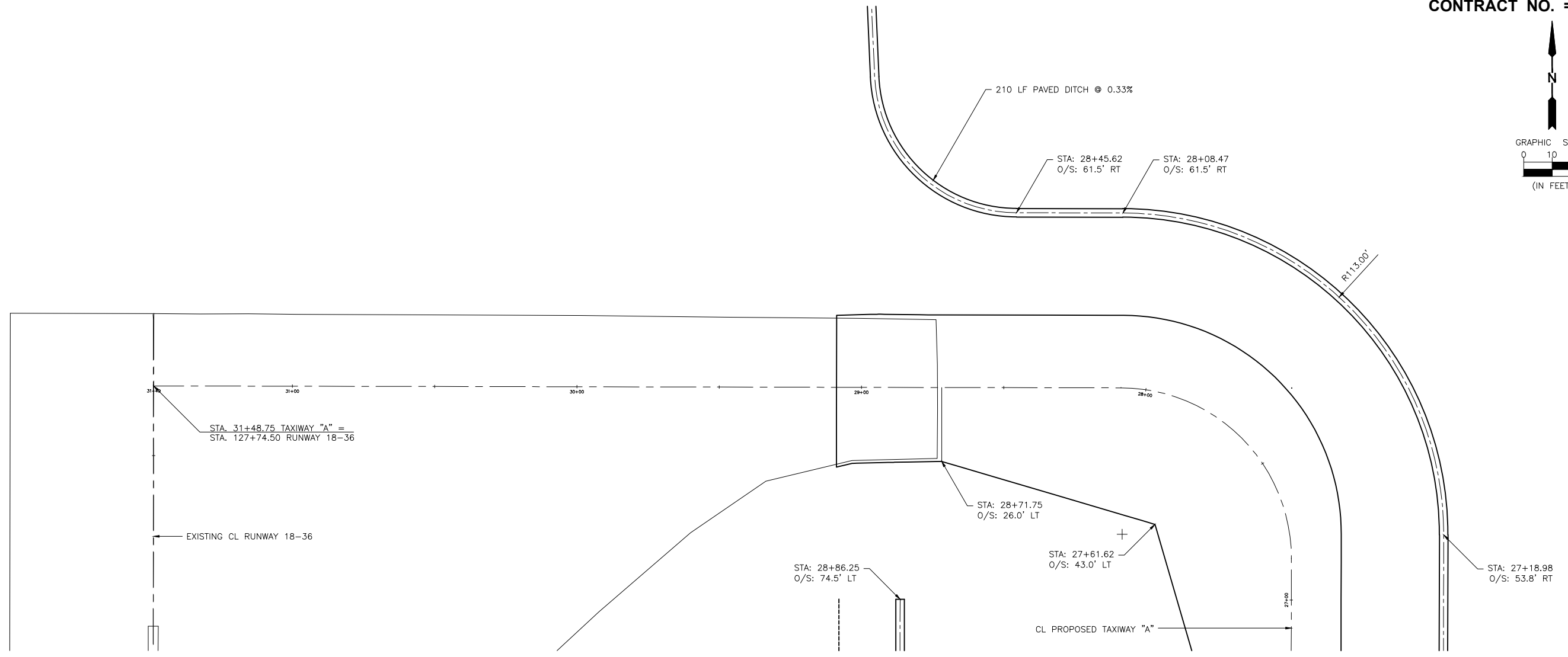
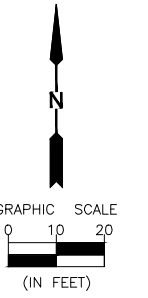
PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

**ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
PERU, ILLINOIS**

**TAXIWAY "A" PLAN AND PROFILE
STA. 23+00 TO STA. 28+00**

**CONSTRUCTION
PLANS**

CURRENT AS OF: 10/21/2021	
SCALE: AS NOTED	SHEET 9
FILE NO.: 1109.02	Y- OF 32



CHAMLIN & ASSOCIATES, INC. © 2021
Drawing Name: G:\Users\j\1109-02-ORIGINAL IN MORRIS -Peru-WA-Taxiway-Extension-Phase-2\CAD\C3D\010-PP-28-32.dwg
Last Modified: Friday, December 17, 2021 3:13:02 PM
Plotted On: Saturday, January 15, 2022 8:17:41 PM
by Casey McCollom

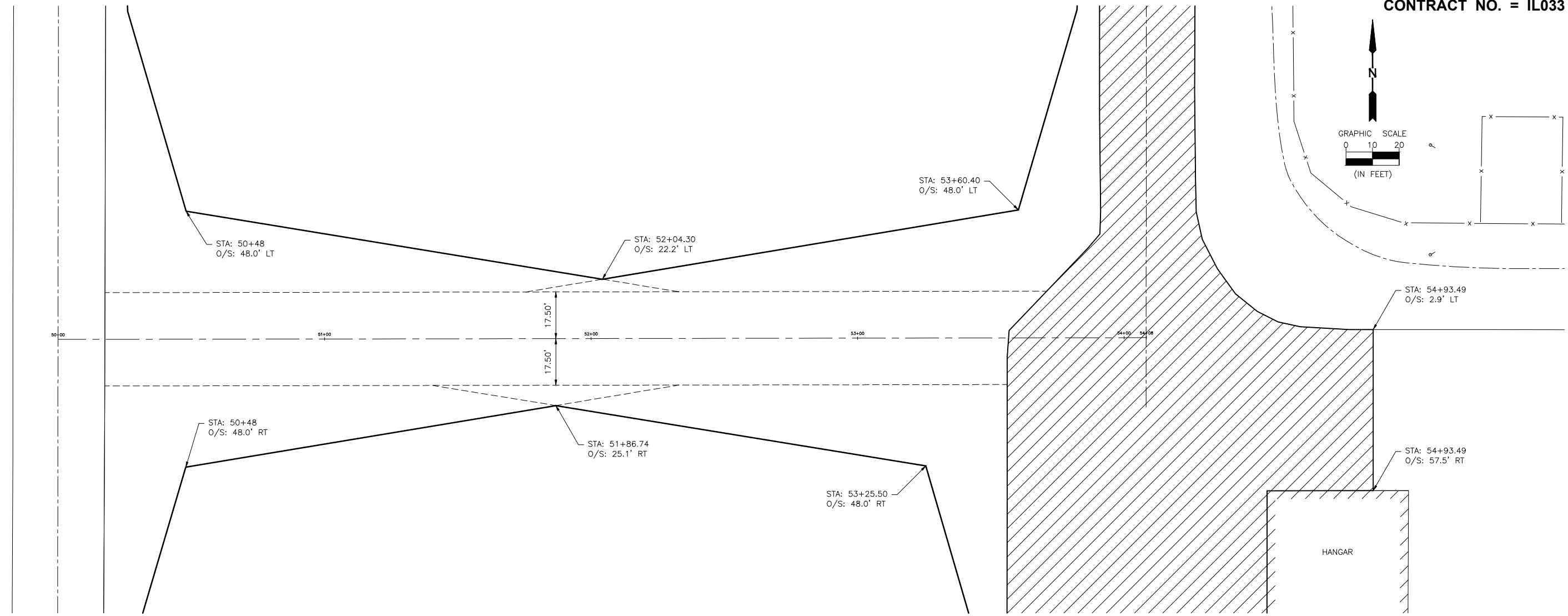
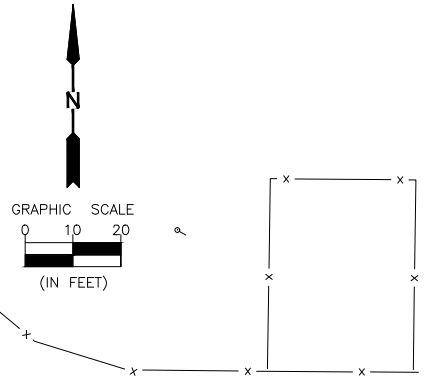
DRAWN BY: KED	REVISIONS			
CHECKED BY: CJM	LEVEL	BY	DATE	DESCRIPTION
DATE: 12/10				



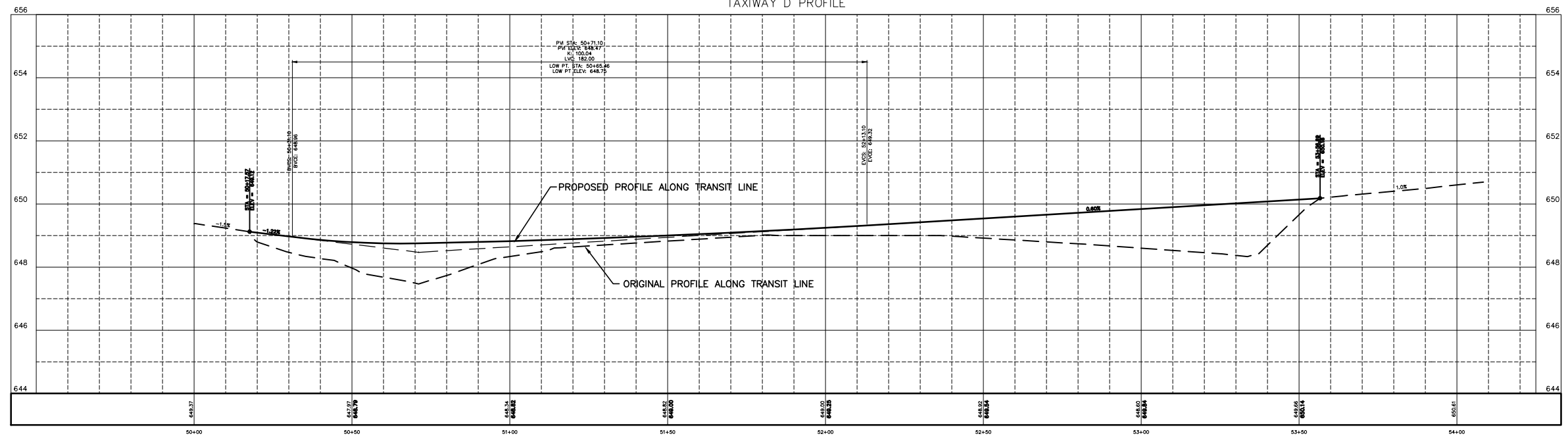
**ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
PERU, ILLINOIS**

**TAXIWAY "A" PLAN AND PROFILE
STA. 28+00 TO STA. 31+50**

CONSTRUCTION PLANS	CURRENT AS OF: 10/21/2021	
	SCALE: AS NOTED	SHEET 10
	FILE NO.: 1109.02 Y- OF 32	



TAXIWAY D PROFILE



CHAMLIN & ASSOCIATES, INC. © 2021
 Drawing Name: G:\Users\11109-02-ORIGINAL IN MORRIS -Peru-MRA-Taxiway-Extension-Phase-2\CAD\C3D\011-PP-50-54.dwg
 Last Modified: Friday, December 17, 2021 3:14:57 PM
 Plotted On: Saturday, January 15, 2022 8:28:48 PM
 by Casey McCallum

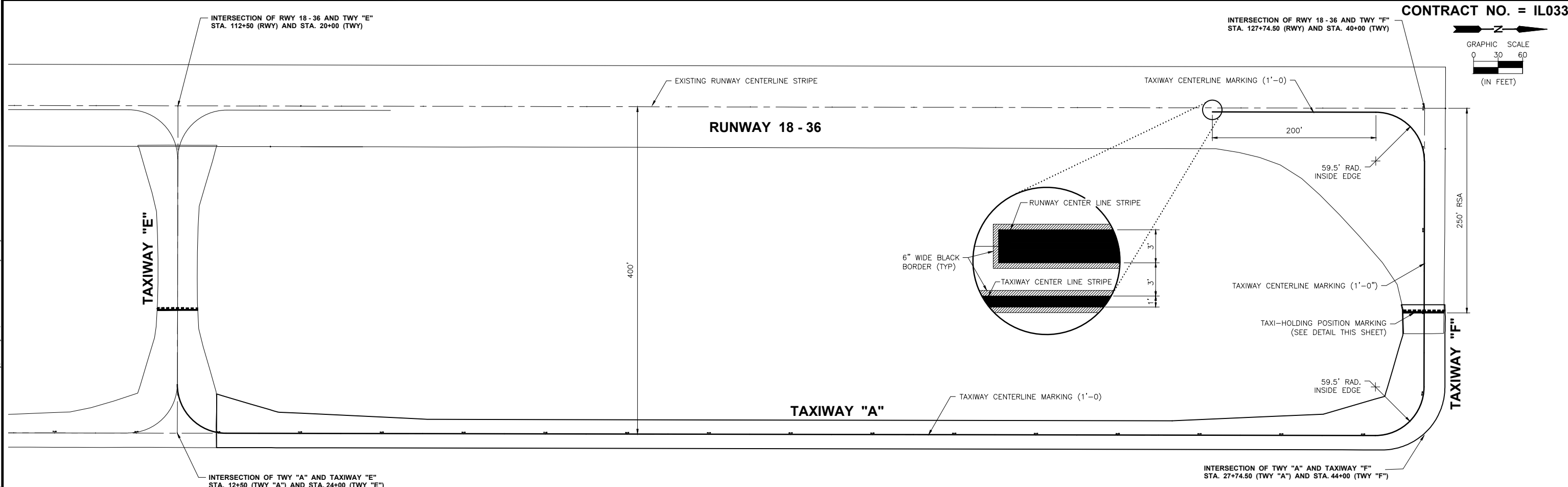
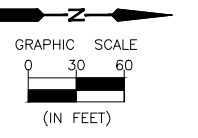
DRAWN BY: KED	REVISIONS			
CHECKED BY: CJM	LEVEL	BY	DATE	DESCRIPTION
DATE: 12/10				

PERU MORRIS
 OTTAWA MENDOTA
 ILLINOIS
 Chamlin & Associates

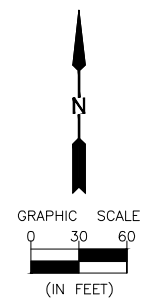
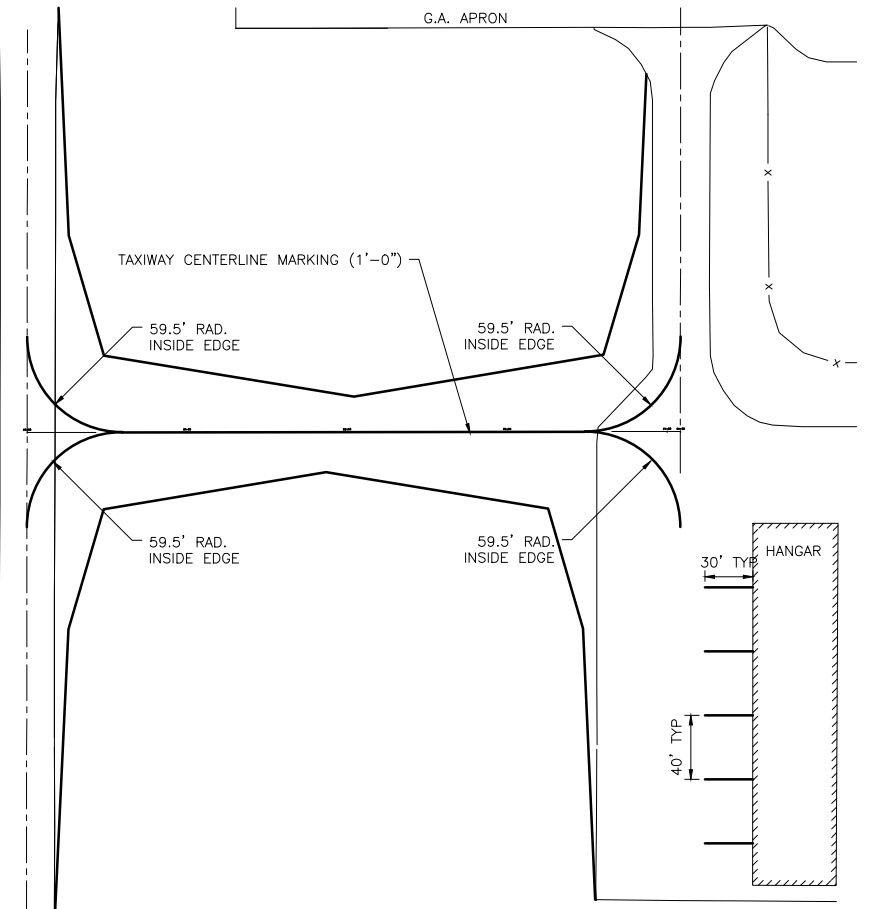
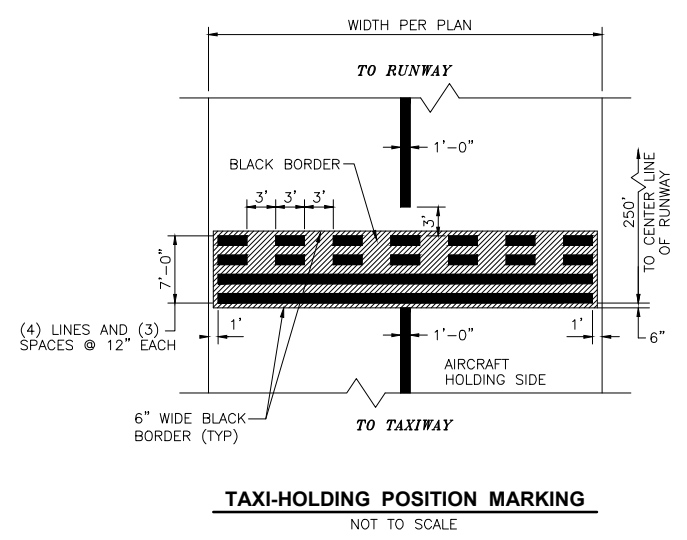
ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
PERU, ILLINOIS

TAXIWAY "D" PLAN AND PROFILE
STA. 50+00 TO STA. 54+00

CONSTRUCTION PLANS
 CURRENT AS OF: 10/21/2021
 SCALE: AS NOTED
 FILE NO.: 1109.02 Y- OF 32
 SHEET 11



- NOTES:**
1. ALL TAXIWAY MARKING - AVIATION YELLOW
 2. PERMANENT MARKINGS SHALL BE "WATERBORNE" PAINT APPLIED @ THE RATES SHOWN IN TABLE 1, SEC. 620-3.5 OF THE ILLINOIS STANDARD SPECIFICATIONS FOR THE CONSTRUCTION OF AIRPORTS, ADOPTED APRIL 1, 2012.
 3. PROVIDE 6" BLACK OUTLINE STRIPE AROUND ALL LETTERS, CENTERLINES, THRESHOLDS, AIMING, AND HOLDING MARKINGS THROUGHOUT AIRFIELD PAVEMENT (TO MATCH REMAINDER OF AIRPORT.)
 4. APPLY REFLECTIVE MEDIA ON ALL PAINTED SURFACES EXCEPT ON THE BLACK BORDER.



CHAMLIN & ASSOCIATES, INC. © 2021
 Drawing Name: G:\Users\j1109-02-ORIGINAL IN MORRIS -Peru-MRW-Taxiway-Extension-Phase-2\CAD\C3D\012-PAVEMENT MARKING.dwg Last Modified: Friday, December 17, 2021 3:17:20 PM Plotted On: Saturday, January 15, 2022 9:35:29 PM by Casey McColom

DRAWN BY: KED	LEVEL	BY	DATE	REVISIONS	DESCRIPTION
CHECKED BY: CJM					
DATE: 12/10					

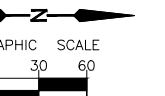
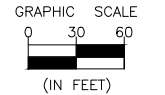
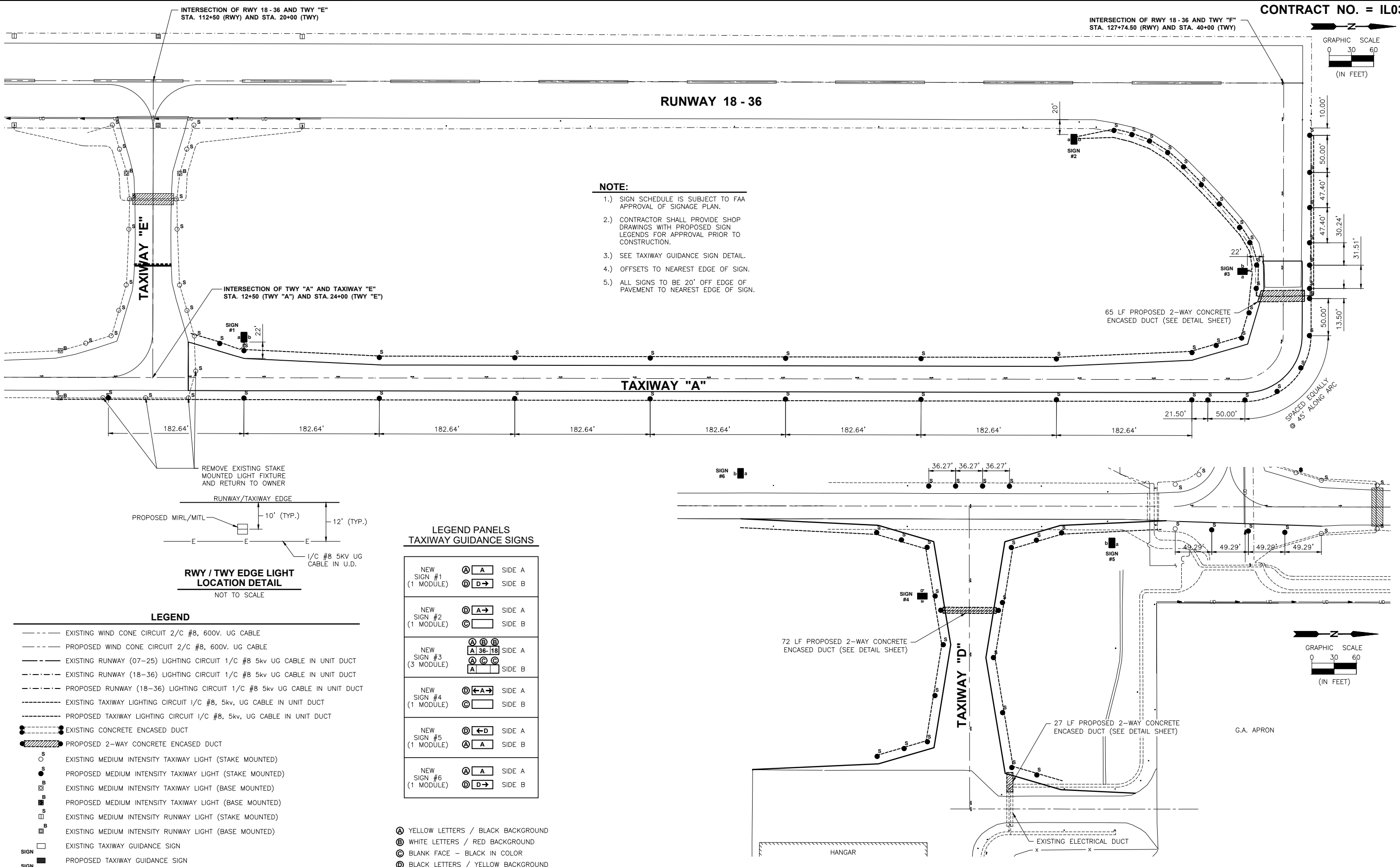
PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

**ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
PERU, ILLINOIS**

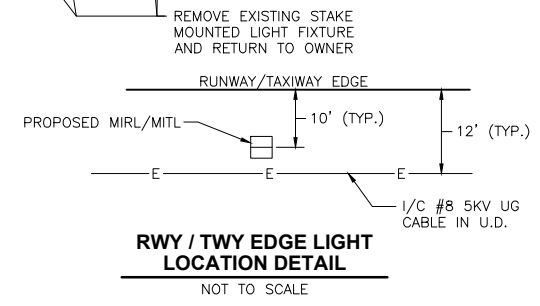
**PAVEMENT MARKING PLAN
AND DETAILS**

CONSTRUCTION PLANS

CURRENT AS OF: 10/21/2021	
SCALE: AS NOTED	SHEET 12
FILE NO.: 1109.02 Y-	OF 32



- NOTE:**
- 1.) SIGN SCHEDULE IS SUBJECT TO FAA APPROVAL OF SIGNAGE PLAN.
 - 2.) CONTRACTOR SHALL PROVIDE SHOP DRAWINGS WITH PROPOSED SIGN LEGENDS FOR APPROVAL PRIOR TO CONSTRUCTION.
 - 3.) SEE TAXIWAY GUIDANCE SIGN DETAIL.
 - 4.) OFFSETS TO NEAREST EDGE OF SIGN.
 - 5.) ALL SIGNS TO BE 20' OFF EDGE OF PAVEMENT TO NEAREST EDGE OF SIGN.



LEGEND

- EXISTING WIND CONE CIRCUIT 2/C #8, 600V. UG CABLE
- PROPOSED WIND CONE CIRCUIT 2/C #8, 600V. UG CABLE
- EXISTING RUNWAY (07-25) LIGHTING CIRCUIT 1/C #8 5kv UG CABLE IN UNIT DUCT
- EXISTING RUNWAY (18-36) LIGHTING CIRCUIT 1/C #8 5kv UG CABLE IN UNIT DUCT
- PROPOSED RUNWAY (18-36) LIGHTING CIRCUIT 1/C #8 5kv UG CABLE IN UNIT DUCT
- EXISTING TAXIWAY LIGHTING CIRCUIT 1/C #8, 5kv, UG CABLE IN UNIT DUCT
- PROPOSED TAXIWAY LIGHTING CIRCUIT 1/C #8, 5kv, UG CABLE IN UNIT DUCT
- EXISTING CONCRETE ENCASED DUCT
- PROPOSED 2-WAY CONCRETE ENCASED DUCT
- EXISTING MEDIUM INTENSITY TAXIWAY LIGHT (STAKE MOUNTED)
- PROPOSED MEDIUM INTENSITY TAXIWAY LIGHT (STAKE MOUNTED)
- EXISTING MEDIUM INTENSITY TAXIWAY LIGHT (BASE MOUNTED)
- PROPOSED MEDIUM INTENSITY TAXIWAY LIGHT (BASE MOUNTED)
- EXISTING MEDIUM INTENSITY RUNWAY LIGHT (STAKE MOUNTED)
- EXISTING MEDIUM INTENSITY RUNWAY LIGHT (BASE MOUNTED)
- EXISTING TAXIWAY GUIDANCE SIGN
- PROPOSED TAXIWAY GUIDANCE SIGN

**LEGEND PANELS
TAXIWAY GUIDANCE SIGNS**

NEW SIGN #1 (1 MODULE)	Ⓐ A	SIDE A
	ⓓ D→	SIDE B
NEW SIGN #2 (1 MODULE)	ⓓ A→	SIDE A
	ⓐ	SIDE B
NEW SIGN #3 (3 MODULE)	Ⓐ ⓐ ⓐ	SIDE A
	Ⓐ ⓐ ⓐ	SIDE B
NEW SIGN #4 (1 MODULE)	ⓓ ←A→	SIDE A
	ⓐ	SIDE B
NEW SIGN #5 (1 MODULE)	ⓓ ←D	SIDE A
	Ⓐ A	SIDE B
NEW SIGN #6 (1 MODULE)	Ⓐ A	SIDE A
	ⓓ D→	SIDE B

- Ⓐ YELLOW LETTERS / BLACK BACKGROUND
- ⓐ WHITE LETTERS / RED BACKGROUND
- ⓐ BLANK FACE - BLACK IN COLOR
- ⓓ BLACK LETTERS / YELLOW BACKGROUND

CHAMLIN & ASSOCIATES, INC. © 2021
 Drawing Name: G:\Users\11109-02-ORIGINAL IN MORRIS -Peru-VRA-Taxiway-Extension-Phase-2\CAD\C3D\013-ELECTRIC.dwg
 Last Modified: Friday, December 17, 2021 3:18:13 PM
 Plotted On: Saturday, January 15, 2022 9:38:25 PM
 by Casey McCollom

DRAWN BY: KED	REVISIONS			
	LEVEL	BY	DATE	DESCRIPTION
CHECKED BY: CJM				
DATE: 12/10				


PERU MORRIS
 OTTAWA MENDOTA
 ILLINOIS

ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
 PERU, ILLINOIS

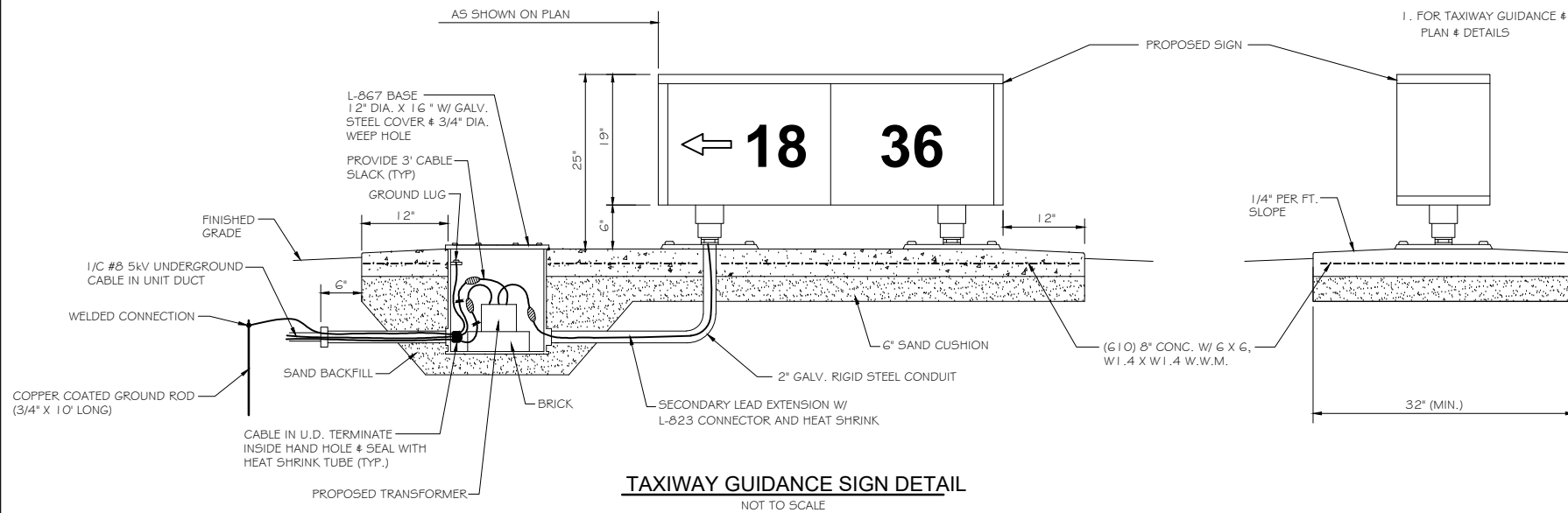
ELECTRICAL LIGHTING PLAN
AND DETAILS

CONSTRUCTION
PLANS

CURRENT AS OF: 10/21/2021	
SCALE: AS NOTED	SHEET 13
FILE NO.: 1109.02 Y-	OF 32

NOTE: (TAXIWAY GUIDANCE & RUNWAY SIGNS)

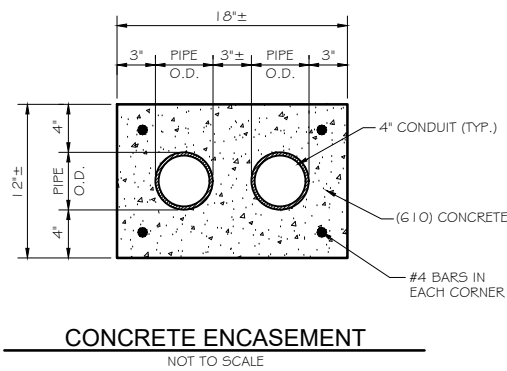
1. FOR TAXIWAY GUIDANCE & RUNWAY EXIT SIGN DATA SEE ELECTRICAL PLAN & DETAILS



TAXIWAY GUIDANCE SIGN DETAIL
NOT TO SCALE

ELECTRICAL GENERAL NOTES:

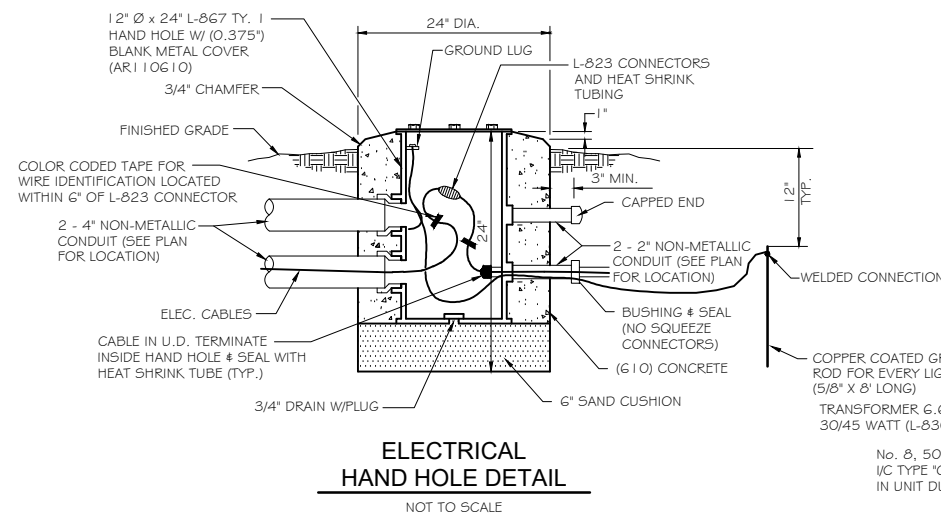
1. BREAKING GROOVE OR BREAKABLE COUPLINGS SHALL NOT EXCEED 1-1/2" ABOVE FINISHED GRADE OR BASE COVER.
2. FOR SIGNS, COPPER GLAD GR. RODS 3/4" DIA. X 10'-0" LG. SHALL BE DRIVEN 1'-0" BELOW FINISHED GRADE & GROUNDING CABLE SECURELY ATTACHED TO GROUND RODS.
3. HIGH AND LOW VOLTAGE CABLE SHALL BE RUN IN SEPARATE UNDERGROUND DUCTS.
4. WHEN HIGH AND LOW VOLTAGE CABLES ARE IN A HANDHOLE OR MANHOLE, PROTECTION SHALL BE MADE AROUND THE HIGH VOLTAGE CABLE. THE METHOD OF PROTECTION SHALL BE BY SPLIT DUCT ANCHOR CLIPPED TO THE WALL.
5. L-861 SPECIFICATION DENOTES RUNWAY LIGHT FIXTURE. L-861T DENOTES TAXIWAY LIGHT FIXTURE.
6. FOR STAKE MOUNTED AND BASE MOUNTED LIGHTS, COPPER CLAD GR. RODS 5/8" DIA. X 8'-0" LG. SHALL BE DRIVEN 1'-0" BELOW FINISHED GRADE & GROUNDING CABLE SECURELY ATTACHED TO GROUND RODS.



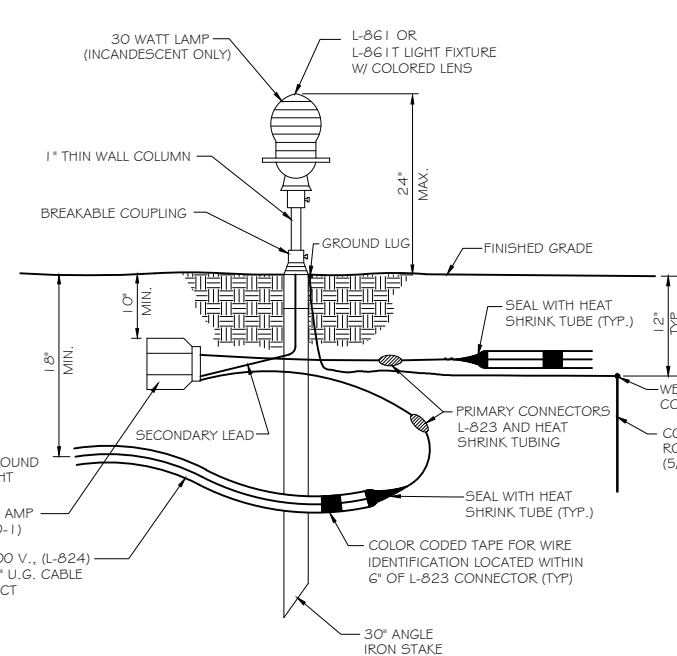
CONCRETE ENCASEMENT
NOT TO SCALE

NOTES: (CONDUIT)

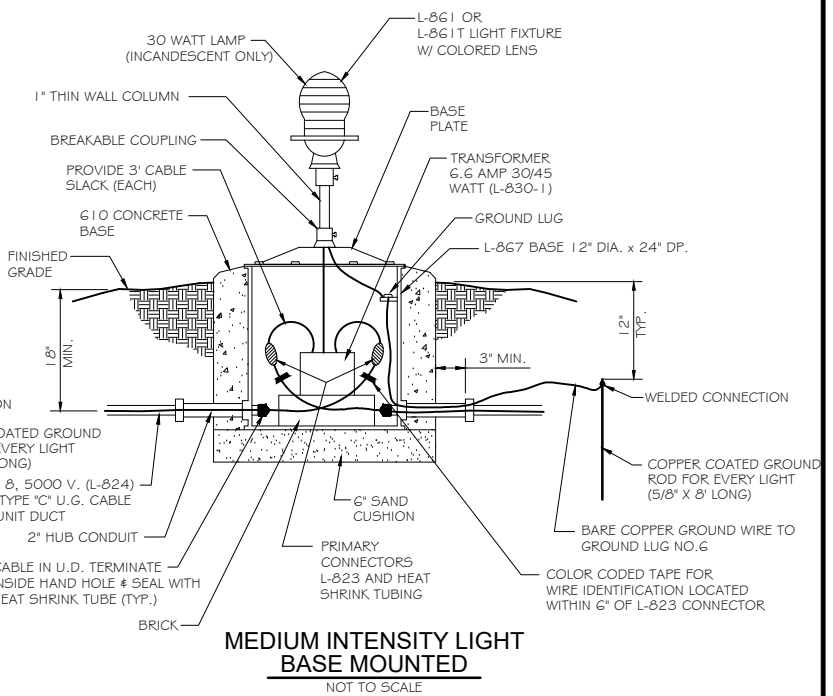
1. TOP OF CONCRETE ENCASEMENT TO BE NOT LESS THAN 18" BELOW FINISHED SUB-GRADE.
2. ALL UNUSED DUCTS SHALL BE PROVIDED WITH A #10 PULL WIRE AND SHALL HAVE ENDS PLUGGED IN A MANNER APPROVED BY THE RESIDENT ENGINEER.
3. LOCATIONS OF DUCTS ARE APPROXIMATE. DUCT BANKS SHALL BE INSTALLED AT LOCATIONS APPROVED BY THE RESIDENT ENGINEER.
4. CONTRACTOR SHALL INSTALL DUCT BANKS AT A DEPTH THAT WILL NOT CONFLICT WITH OTHER UTILITIES.



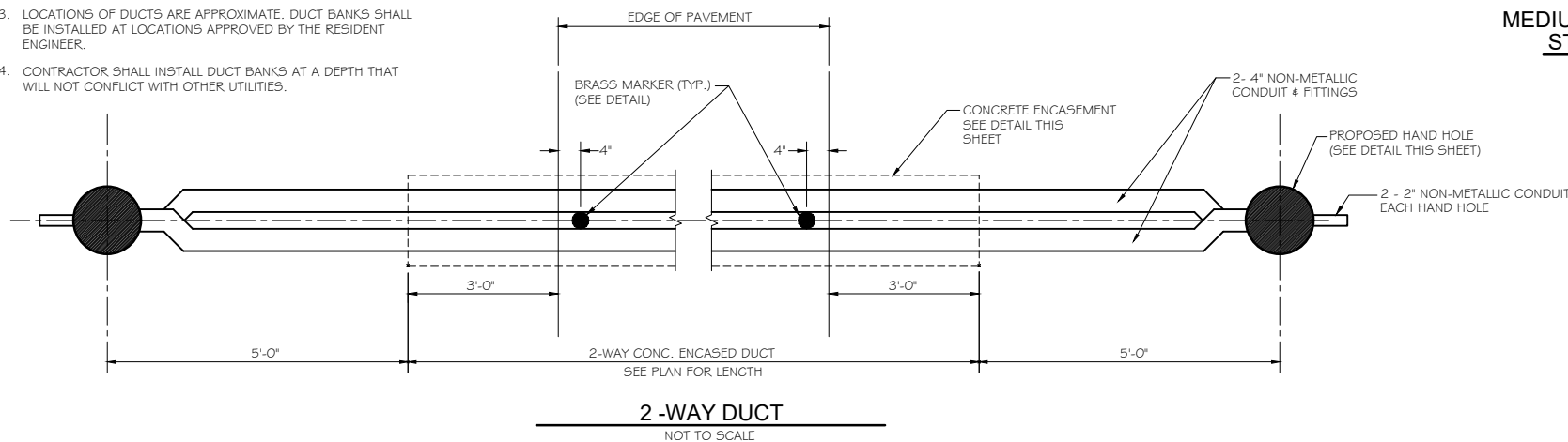
ELECTRICAL HAND HOLE DETAIL
NOT TO SCALE



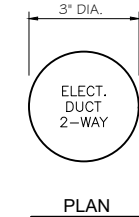
MEDIUM INTENSITY LIGHT STAKE MOUNTED
NOT TO SCALE



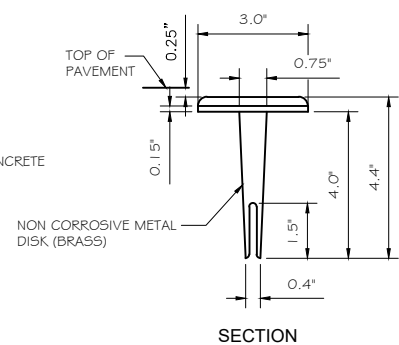
MEDIUM INTENSITY LIGHT BASE MOUNTED
NOT TO SCALE



2-WAY DUCT
NOT TO SCALE



PLAN



SECTION

CABLE MARKER BRASS PAVEMENT MARKER DETAIL
NOT TO SCALE

CHAMLIN & ASSOCIATES, INC. © 2021 Drawing Name: G:\Users\1109-02-ORIGINAL IN MORRIS -Peru-NRA-Taxiway-Extension-Phase-2\CAD\C3D\014-ELECTRIC SCHEMATIC.dwg Last Modified: Friday, December 17, 2021 3:20:31 PM Plotted On: Saturday, January 15, 2022 9:41:33 PM By: Casey McCallum

DRAWN BY: KED	REVISIONS			
	LEVEL	BY	DATE	DESCRIPTION
CHECKED BY: CJM				
DATE: 12/10				

CA
CHAMLIN & ASSOCIATES

PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

**ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
PERU, ILLINOIS**

ELECTRICAL LIGHTING DETAILS

CONSTRUCTION PLANS	CURRENT AS OF: 10/21/2021	
	SCALE: AS NOTED	SHEET 14
	FILE NO.: 1109.02 Y-	OF 32

PROJECT ELECTRICAL NOTES

- 1) REMOVE EXISTING RUNWAY/TAXIWAY LIGHTS AS SHOWN. PROVIDE NEW FIXTURES WHERE INDICATED. RETURN ALL REMOVED FIXTURES TO OWNER.
2) COPPER CLAD GROUND RODS 3/4" DIAMETER X 10'-0" LONG SHALL BE DRIVEN 1'-0" BELOW FINISHED GRADE AND GROUNDING CABLE SECURELY ATTACHED TO GROUND RODS.

ELECTRICAL NOTES (AC 150/5340-30; APPENDIX 5)

GENERAL

- (1) THE ELECTRICAL INSTALLATION, AS A MINIMUM, MUST MEET THE NEC AND LOCAL REGULATIONS.
(2) THE CONTRACTOR MUST ASCERTAIN THAT ALL LIGHTING SYSTEM COMPONENTS FURNISHED BY HIM (INCLUDING FAA APPROVED EQUIPMENT) ARE COMPATIBLE IN ALL RESPECTS WITH EACH OTHER AND THE REMAINDER OF THE NEW/EXISTING SYSTEM.
(3) IN CASE THE CONTRACTOR SELECTS TO FURNISH AND INSTALL AIRPORT LIGHTING EQUIPMENT REQUIRING ADDITIONAL WIRING, TRANSFORMERS, ADAPTERS, MOUNTINGS, ETC., TO THOSE SHOWN ON THE DRAWINGS AND/OR LISTED IN THE SPECIFICATIONS, ANY COST FOR THESE ITEMS MUST BE INCIDENTAL TO THE EQUIPMENT COST.
(4) THE CONTRACTOR-INSTALLED EQUIPMENT (INCLUDING FAA APPROVED) MUST NOT GENERATE ANY ELECTROMAGNETIC INTERFERENCE IN THE EXISTING AND/OR NEW COMMUNICATIONS, WEATHER, AIR NAVIGATION, AND AIR TRAFFIC CONTROL EQUIPMENT.
(5) WHEN A SPECIFIC TYPE, STYLE, CLASS, ETC., OF FAA APPROVED EQUIPMENT IS SPECIFIED ONLY THAT TYPE, STYLE, CLASS, ETC., WILL BE ACCEPTABLE, EVEN THOUGH EQUIPMENT OF OTHER TYPES, STYLE, CLASS, ETC., MAY BE FAA APPROVED.
(6) ANY AND ALL INSTRUCTIONS FROM THE ENGINEER TO THE CONTRACTOR REGARDING CHANGES IN, OR DEVIATIONS FROM, THE PLANS AND SPECIFICATIONS MUST BE IN WRITING WITH COPIES SENT TO THE AIRPORT SPONSOR AND THE FAA FIELD OFFICE (ADO/AFO).
(7) A MINIMUM OF THREE COPIES OF INSTRUCTION BOOKS MUST BE SUPPLIED WITH EACH DIFFERENT TYPE OF EQUIPMENT.
(A) A DETAILED DESCRIPTION OF THE OVERALL EQUIPMENT AND ITS INDIVIDUAL COMPONENTS.
(B) THEORY OF OPERATION INCLUDING THE FUNCTION OF EACH COMPONENT.
(C) INSTALLATION INSTRUCTIONS.
(D) START-UP INSTRUCTIONS.
(E) PREVENTATIVE MAINTENANCE REQUIREMENTS.
(F) CHART FOR TROUBLESHOOTING.
(G) COMPLETE POWER AND CONTROL DETAILED WIRING DIAGRAM(S), SHOWING EACH CONDUCTOR/CONNECTION/COMPONENT.
(H) PARTS LIST WILL INCLUDE ALL MAJOR AND MINOR COMPONENTS, SUCH AS RESISTORS, DIODES, ETC.
(I) SAFETY INSTRUCTIONS.

POWER AND CONTROL

- (1) STENCIL ALL ELECTRICAL EQUIPMENT TO IDENTIFY FUNCTION, CIRCUIT VOLTAGE AND PHASE. WHERE THE EQUIPMENT CONTAINS FUSES, ALSO STENCIL THE FUSE OR FUSE LINK AMPERE RATING.
(2) COLOR CODE ALL PHASE WIRING BY THE USE OF COLORED WIRE INSULATION AND/OR COLORED TAPE.
(3) ALL BRANCH CIRCUIT CONDUCTORS CONNECTED TO A PARTICULAR PHASE MUST BE IDENTIFIED WITH THE SAME COLOR.
(4) IN CONTROL WIRING THE SAME COLOR MUST BE USED THROUGHOUT THE SYSTEM FOR THE SAME FUNCTION.
(5) ALL POWER AND CONTROL CIRCUIT CONDUCTORS MUST BE COPPER; ALUMINUM WILL NOT BE ACCEPTED.

- (6) LOW VOLTAGE (600 V.) AND HIGH VOLTAGE (5000 V.) CONDUCTORS MUST BE INSTALLED IN SEPARATE WIREWAYS.
(7) NEATLY LACE WIRING IN DISTRIBUTION PANELS, WIREWAYS, SWITCHES AND PULL/JUNCTION BOXES.
(8) THE MINIMUM SIZE OF PULL/JUNCTION BOXES, REGARDLESS OF THE QUANTITY AND THE SIZE OF THE CONDUCTORS SHOWN, MUST BE AS FOLLOWS:
(A) IN STRAIGHT PULLS THE LENGTH OF THE BOX MUST NOT BE LESS THAN EIGHT TIMES THE TRADE DIAMETER OF THE LARGER CONDUIT.
(B) IN ANGLE OR U-PULLS THE DISTANCE BETWEEN EACH CONDUIT ENTRY INSIDE THE BOX AND THE OPPOSITE WALL OF THE BOX MUST NOT BE LESS THAN SIX TIMES THE TRADE DIAMETER OF THE LARGEST CONDUIT.
(9) A RUN OF CONDUIT BETWEEN TERMINATIONS AT EQUIPMENT ENCLOSURES, SQUARE DUCTS AND PULL/JUNCTION BOXES, MUST NOT CONTAIN MORE THAN THE EQUIVALENT OF FOUR QUARTER BENDS (360 DEGREES TOTAL).
(10) EQUIPMENT CABINETS MUST NOT BE USED AS PULL/JUNCTION BOXES.
(11) SPLICES AND JUNCTION POINTS WILL BE PERMITTED ONLY IN JUNCTION BOXES, DUCTS EQUIPPED WITH REMOVABLE COVERS, AND AT EASILY ACCESSIBLE LOCATIONS.
(12) CIRCUIT BREAKERS IN POWER DISTRIBUTION PANEL(S) MUST BE THERMAL-MAGNETIC, MOLDED CASE, PERMANENT TRIP WITH 100-AMPERE, MINIMUM, FRAME.
(13) DUAL LUGS MUST BE USED WHERE TWO WIRES, SIZE NO. 6 OR LARGER, ARE TO BE CONNECTED TO THE SAME TERMINAL.
(14) ALL WALL MOUNTED EQUIPMENT ENCLOSURES MUST BE MOUNTED ON WOODEN MOUNTING BOARDS.
(15) WOODEN EQUIPMENT MOUNTING BOARDS MUST BE PLYWOOD, EXTERIOR TYPE, 3/4 INCH MINIMUM THICKNESS, BOTH SIDES PAINTED WITH ONE COAT OF PRIMER AND TWO COATS OF GRAY, OIL-BASED PAINT.
(16) RIGID STEEL CONDUIT MUST BE USED THROUGHOUT THE INSTALLATION UNLESS OTHERWISE SPECIFIED.
(17) ALL RIGID CONDUIT MUST BE TERMINATED AT CONSTANT CURRENT REGULATORS WITH A SECTION (10" MINIMUM) OF FLEXIBLE CONDUIT.
(18) UNLESS OTHERWISE SHOWN, ALL EXPOSED CONDUITS SHALL BE RUN PARALLEL TO, OR AT RIGHT ANGLES WITH, THE LINES OF THE STRUCTURE.
(19) ALL STEEL CONDUITS, FITTINGS, NUTS, BOLTS, ETC., SHALL BE GALVANIZED.
(20) USE CONDUIT BUSHINGS AT EACH CONDUIT TERMINATION.
(21) USE DOUBLE LOCK NUTS AT EACH CONDUIT TERMINATION.
(22) WRAP ALL PRIMARY AND SECONDARY POWER TRANSFORMER CONNECTIONS WITH SUFFICIENT LAYERS OF INSULATING TAPE AND COVER WITH INSULATING VARNISH FOR FULL VALUE OF CABLE INSULATION VOLTAGE.
(23) UNLESS OTHERWISE NOTED, ALL INDOOR SINGLE CONDUCTOR CONTROL WIRING MUST BE NO. 12 AWG.
(24) BOTH ENDS OF EACH CONTROL CONDUCTOR SHALL BE TERMINATED AT A TERMINAL BLOCK.
(25) ALL CONTROL CONDUCTOR TERMINATORS MUST BE OF THE OPEN-EYE CONNECTOR/SCREW TYPE.
(26) IN TERMINAL BLOCK CABINETS THE MINIMUM SPACING BETWEEN PARALLEL TERMINAL BLOCKS SHALL BE 6 INCHES.
(27) BOTH ENDS OF ALL CONTROL CONDUCTORS MUST BE IDENTIFIED AS TO THE CIRCUIT, TERMINAL, BLOCK, AND TERMINAL NUMBER.
(28) A SEPARATE AND CONTINUOUS NEUTRAL CONDUCTOR SHALL BE INSTALLED AND CONNECTED FOR EACH BREAKER CIRCUIT.
(29) THE FOLLOWING WILL APPLY TO RELAY/CONTACTOR PANEL/ENCLOSURES:
(A) ALL COMPONENTS SHALL BE MOUNTED IN DUST PROOF ENCLOSURES WITH VERTICALLY HINGED COVERS.
(B) THE ENCLOSURES MUST HAVE AMPLE SPACE FOR THE CIRCUIT COMPONENTS, TERMINAL BLOCKS, AND INCOMING INTERNAL WIRING.
(C) ALL INCOMING/OUTGOING WIRING SHALL BE TERMINATED AT TERMINAL BLOCKS.
(D) EACH TERMINAL ON TERMINAL BLOCKS AND ON CIRCUIT COMPONENTS MUST BE CLEARLY IDENTIFIED.
(E) ALL CONTROL CONDUCTOR TERMINATIONS MUST BE OF THE OPEN-EYE CONNECTOR/SCREW TYPE.

- (F) WHEN THE ENCLOSURE COVER IS OPENED, ALL CIRCUIT COMPONENTS, WIRING, AND TERMINALS MUST BE EXPOSED AND ACCESSIBLE WITHOUT ANY REMOVAL OF ANY PANELS, COVERS, ETC., EXCEPT THOSE COVERING HIGH VOLTAGE COMPONENTS.
(G) ACCESS TO, OR REMOVAL OF, A CIRCUIT COMPONENT OR TERMINAL BLOCK SHALL NOT REQUIRE THE REMOVAL OF ANY OTHER CIRCUIT COMPONENT OR TERMINAL BLOCK.
(H) EACH CIRCUIT COMPONENT MUST BE CLEARLY IDENTIFIED INDICATING ITS CORRESPONDING NUMBER SHOWN ON THE DRAWING AND ITS FUNCTION.
(I) A COMPLETE WIRING DIAGRAM (NOT A SCHEMATIC DIAGRAM) MUST BE MOUNTED ON THE INSIDE OF THE COVER.
(J) THE DIAGRAM MUST IDENTIFY EACH CIRCUIT COMPONENT AND NUMBERING AND COLOR OF EACH INTERNAL CONDUCTOR AND TERMINAL.
(K) ALL WIRING MUST BE NEATLY TRAINED AND LACED.
(L) MINIMUM WIRE SIZE SHALL BE NO. 12 AWG.

FIELD LIGHTING

- (1) UNLESS OTHERWISE NOTIFIED, ALL UNDERGROUND FIELD POWER MULTIPLE AND SERIES CIRCUIT CONDUCTORS WHETHER DIRECT EARTH BURIAL (DEB) OR IN DUCT/CONDUIT MUST BE FAA APPROVED L-824 TYPE.
(2) NO COMPONENTS OF PRIMARY CIRCUIT SUCH AS CABLE, CONNECTORS AND TRANSFORMERS WILL BE BROUGHT ABOVE GROUND AT EDGE LIGHTS, SIGNS, REILS, ETC.
(3) THERE MUST BE NO EXPOSED POWER/CONTROL CABLES BETWEEN THE POINT WHERE THEY LEAVE THE UNDERGROUND (DEB OR L-867 BASES) AND WHERE THEY ENTER THE EQUIPMENT (SUCH AS TAXIWAY SIGNS, PAPI, REILS, ETC.) ENCLOSURES.
(4) THE JOINTS OF THE L-823 PRIMARY CONNECTORS SHALL BE WRAPPED WITH ONE LAYER OF RUBBER OR SYNTHETIC RUBBER TAPE AND ONE LAYER OF PLASTIC TAPE.
(5) THE CABLE ENTRANCE INTO THE FIELD ATTACHED L-823 CONNECTORS MUST BE ENCLOSED BY A HEAT-SHRINKABLE TUBING WITH CONTINUOUS INTERNAL ADHESIVE.
(6) THE ID OF THE PRIMARY L-823 FIELD ATTACHED CONNECTORS MUST MATCH THE CABLE ID TO PROVIDE A WATERTIGHT CABLE ENTRANCE.
(7) L-823 TYPE 11, TWO-CONDUCTOR SECONDARY CONNECTOR SHALL BE CLASS "A" (FACTORY MOLDED).
(8) THERE SHALL BE NO SPLICES IN THE SECONDARY CABLE(S) WITHIN THE STEMS OF A RUNWAY/TAXIWAY EDGE/THRESHOLD LIGHTING FIXTURES AND THE WIREWAYS LEADING TO TAXIWAY SIGNS AND PAPI/REIL EQUIPMENT.
(9) ELECTRICAL INSULATING GREASE SHALL BE APPLIED WITHIN THE L-823, SECONDARY, TWO CONDUCTOR CONNECTORS TO PREVENT WATER ENTRANCE.
(10) DEB ISOLATION TRANSFORMERS SHALL BE BURIED AT A DEPTH OF 10 INCHES ON A LINE CROSSING THE LIGHT AND PERPENDICULAR TO THE RUNWAY/TAXIWAY CENTERLINE.
(11) DEB PRIMARY CONNECTORS SHALL BE BURIED AT A DEPTH OF 10 INCHES NEAR THE ISOLATION TRANSFORMER.
(12) A SLACK OF 3 FEET, MINIMUM, SHALL BE PROVIDED IN THE PRIMARY CABLE AT EACH TRANSFORMER/CONNECTOR TERMINATION.
(13) DIRECTION OF PRIMARY CABLES SHALL BE IDENTIFIED BY COLOR CODING AS FOLLOWS:
(14) L-867 BASES SHALL BE SIZE B, 24" DEEP CLASS 1 UNLESS OTHERWISE NOTED.
(15) BASE-MOUNTED FRANGIBLE COUPLINGS SHALL NOT HAVE WEEP HOLES TO THE OUTSIDE.
(16) THE ELEVATION OF THE FRANGIBLE COUPLING GROOVE SHALL NOT EXCEED 1-1/2" ABOVE THE EDGE OF THE COVER.
(17) WHERE THE FRANGIBLE COUPLING IS NOT AN INTEGRAL PART OF THE LIGHT FIXTURE STEM OR MOUNTING LEG, A BEAD OF SILICON SEAL MUST BE APPLIED COMPLETELY AROUND THE LIGHT STEM OR WIREWAY AT FRANGIBLE COUPLING TO PROVIDE A WATERTIGHT SEAL.
(18) TOPS OF THE STAKES SUPPORTING LIGHT FIXTURES SHALL BE FLUSH WITH THE SURROUNDING GRADE.
(19) PLASTIC LIGHTING FIXTURE COMPONENTS, SUCH AS LAMP HEADS, STEMS, FRANGIBLE COUPLINGS, BASE COVERS, BRACKETS, STAKES, WILL NOT BE ACCEPTABLE.
(20) THE TOLERANCE FOR THE HEIGHT OF RUNWAY/TAXIWAY EDGE LIGHTS IS ± ONE (1) INCH.

- (21) THE TOLERANCE FOR THE LATERAL SPACING (LIGHT LANE TO RUNWAY/TAXIWAY CENTERLINE) OF RUNWAY/TAXIWAY EDGE LIGHTS IS ± ONE (1) INCH.
(22) SOIL PERMITTING, THE L-867 BASES SHALL NOT BE PRE-CAST IN CONCRETE.
(23) GALVANIZED/PAINTED EQUIPMENT/COMPONENT SURFACES SHALL NOT BE DAMAGED BY DRILLING, FILING, ETC.
(24) LOCATIONS OF ALL DEB UNDERGROUND CABLE SPLICE/CONNECTIONS, EXCEPT THOSE AT ISOLATION TRANSFORMERS, SHALL BE IDENTIFIED BY SPLICE MARKERS.
(25) THE CABLE AND SPLICE MARKERS MUST IDENTIFY THE CIRCUITS WHICH THE CABLES BELONG TO.
(26) THE PREFERRED MOUNTING METHOD OF RUNWAY AND TAXIWAY SIGNS IS BY THE USE OF A SINGLE ROW OF LEGS.
(27) THE PREFERRED METHOD TO BRING THE POWER CABLE INTO AN L-858 SIGN IS METHOD A, AS SHOWN IN FIGURE 126 OF AC 150/5340-30G.
(28) APPLY AN OXIDE INHIBITING, ANTI-SEIZING COMPOUND TO ALL SCREWS, NUTS AND FRANGIBLE COUPLING THREADS.
(29) THERE SHALL BE NO SPLICES BETWEEN THE ISOLATION TRANSFORMERS.
(30) DEB SPLICES IN HOME RUNS SHALL BE OF THE CAST TYPE A, UNLESS OTHERWISE SHOWN.
(31) CONCRETE USED FOR SLABS, FOOTING, OR BACKFILL AROUND TRANSFORMER HOUSINGS, MARKERS, ETC., SHALL BE 3000 PSI, MIN., AIR-ENTRAINED.

GROUNDING

- (1) GROUND ALL NON-CURRENT-CARRYING METAL PARTS OF ELECTRICAL EQUIPMENT BY USING NO. 6 AWG BARE COPPER WIRE TO BE RUN INSIDE CABINETS AND IN CONDUITS TOGETHER WITH OTHER WIRES.
(2) ALL GROUND CONNECTIONS TO GROUND RODS, BUSES, PANELS, ETC., MUST BE MADE WITH PRESSURE TYPE SOLDERLESS LUGS AND GROUND CLAMPS.
(3) TOPS OF GROUND RODS SHALL BE A MIN. 12" INCHES BELOW GRADE.
(4) THE RESISTANCE TO GROUND OF THE VAULT GROUNDING SYSTEM WITH THE COMMERCIAL POWER LINE NEUTRAL DISCONNECTED MUST NOT EXCEED 10 OHMS.
(5) THE RESISTANCE TO GROUND OF THE COUNTERPOISE SYSTEM, OR AT ISOLATION LOCATIONS, SUCH AS AIRPORT BEACON MUST NOT EXCEED 25 OHMS.

CHAMUN & ASSOCIATES, INC. © 2021. Original in Morris - Peru - NYA - Taxiway Extension - Phase - 2 - CAD/C30/015-ELECTRIC NOTES.dwg. Last Modified: Friday, December 17, 2021 3:21:52 PM. Plotted On: Saturday, January 15, 2022 9:45:15 PM. by Casey McCollum

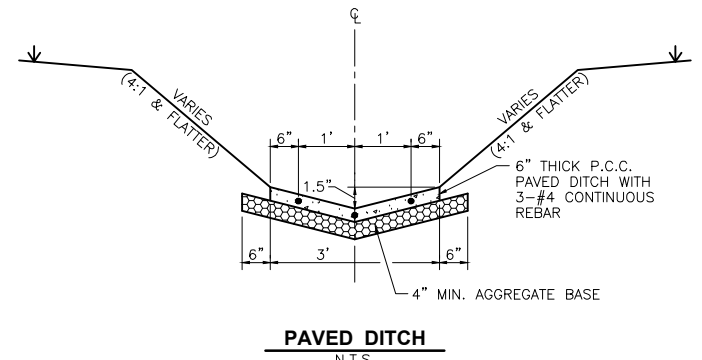
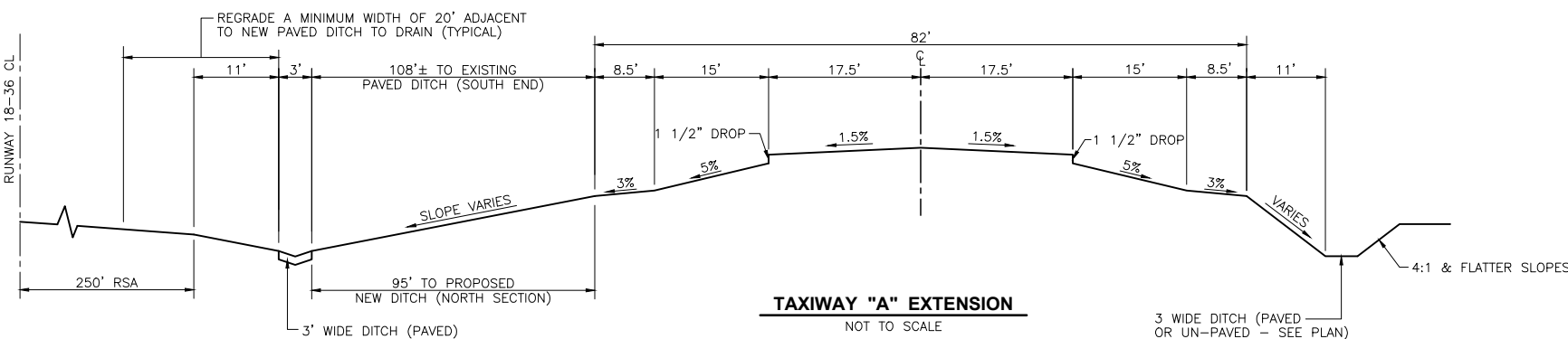
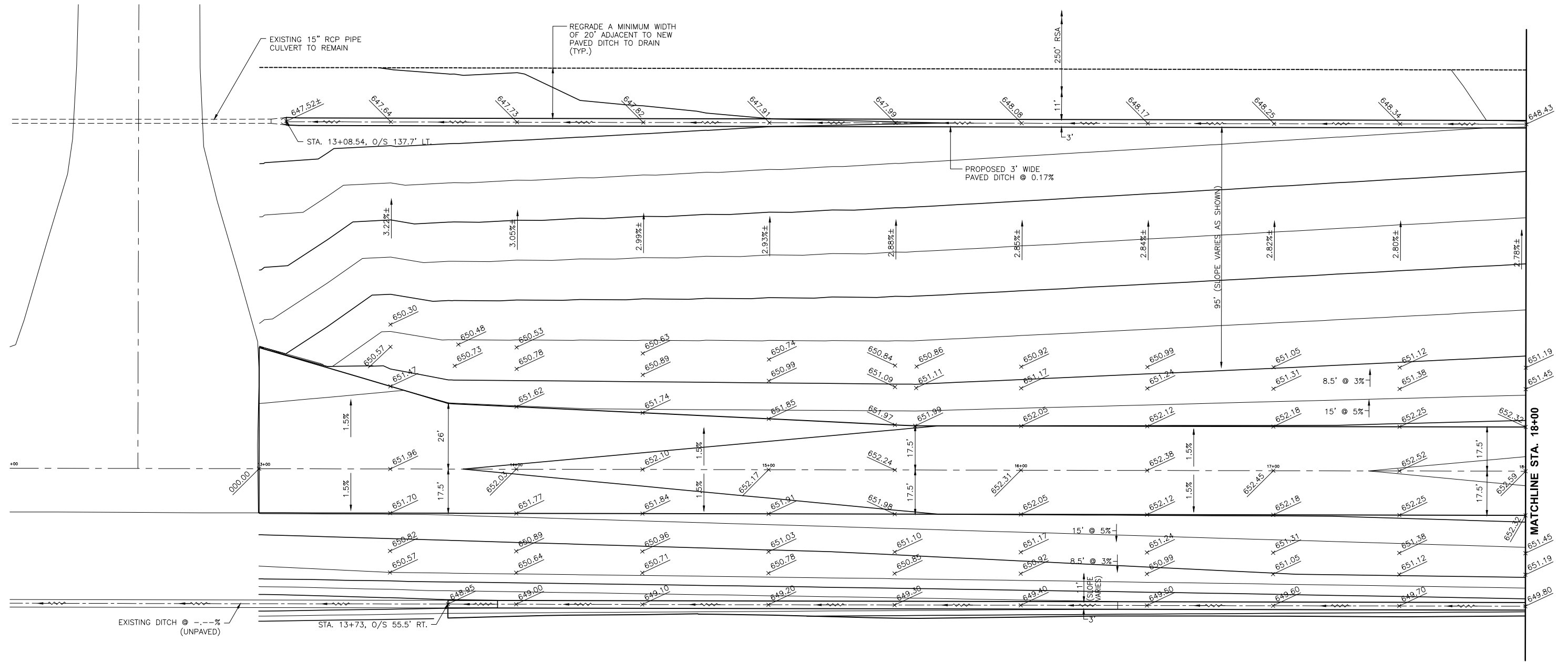
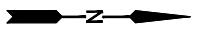
Table with 5 columns: DRAWN BY: KED, CHECKED BY: CJM, DATE: 12/10, REVISIONS, DESCRIPTION.

PERU MORRIS OTTAWA MENDOTA ILLINOIS logo and address information.

ILLINOIS VALLEY REGIONAL AIRPORT PARTIAL PARALLEL TAXIWAY EXTENSION PERU, ILLINOIS

ELECTRICAL NOTES

CONSTRUCTION PLANS, CURRENT AS OF: 10/21/2021, SCALE: AS NOTED, SHEET 15 OF 32, FILE NO.: 1109.02 Y- OF 32



CHAMLIN & ASSOCIATES, INC. © 2021
Drawing Name: G:\Users\11109-02\ORIGINAL IN MORRIS -Peru-MRA-Taxiway-Extension-Phase-2\CAD\C3D\16-GRADE 12-18.dwg Last Modified: Friday, December 17, 2021 3:23:39 PM Plotted On: Saturday, January 15, 2022 9:50:10 PM by Casey McCollom

DRAWN BY: KED	REVISIONS			
	LEVEL	BY	DATE	DESCRIPTION
CHECKED BY: CJM				
DATE: 12/10				

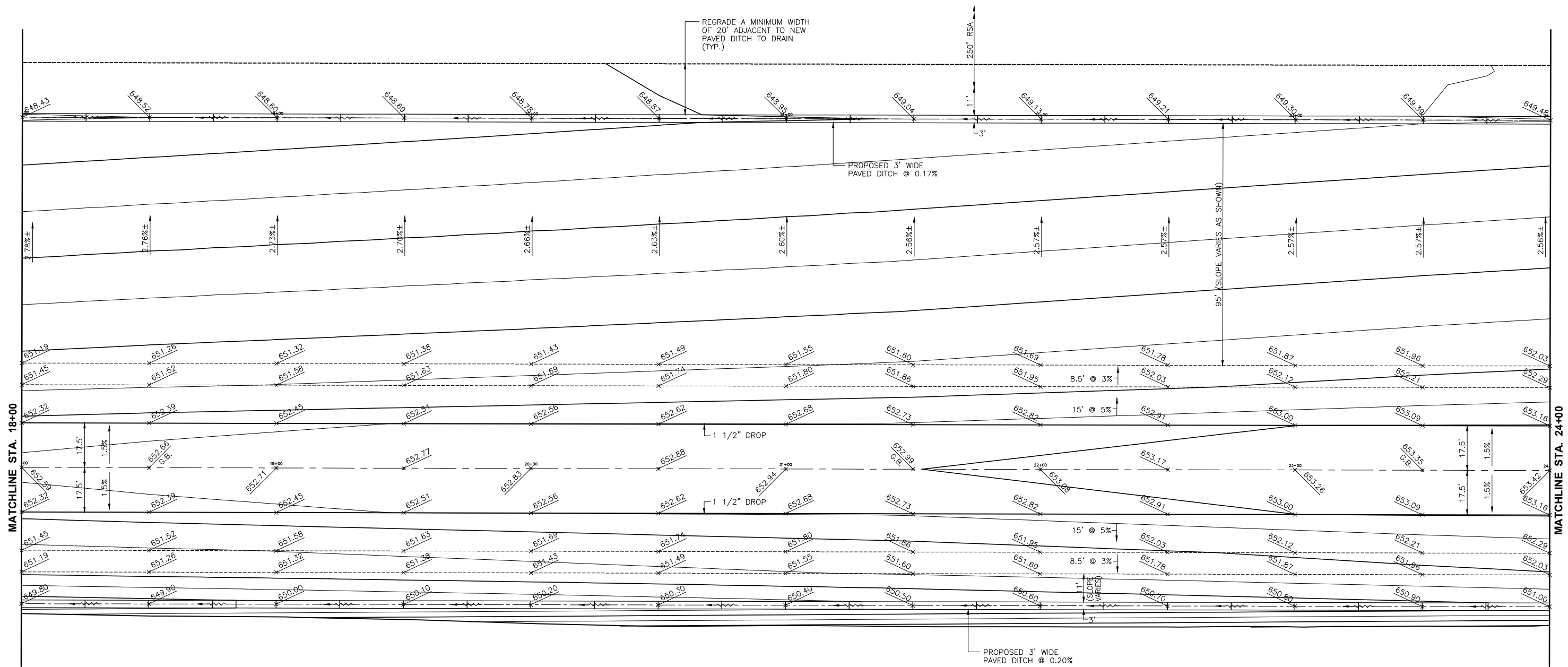
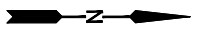
PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

**ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
PERU, ILLINOIS**

**GRADING PLAN (STA. 12+00 - 18+00)
TAXIWAY A**

**CONSTRUCTION
PLANS**

CURRENT AS OF: 10/21/2021	
SCALE: AS NOTED	SHEET 16
FILE NO.: 1109.02 Y-	OF 32



CHAMLIN & ASSOCIATES, INC. © 2021
 Drawing Name: G:\Users\1109-02-ORIGINAL IN MORRIS -Peru-WR-Taxiway-Extension-Phase-2\CAD\C3D\017-GRADE 18-24.dwg Last Modified: Friday, December 17, 2021 3:25:32 PM Plotted On: Saturday, January 15, 2022 9:53:31 PM by Casey McCollom

DRAWN BY: KED	REVISIONS			
CHECKED BY: CJM	LEVEL	BY	DATE	DESCRIPTION
DATE: 12/10				

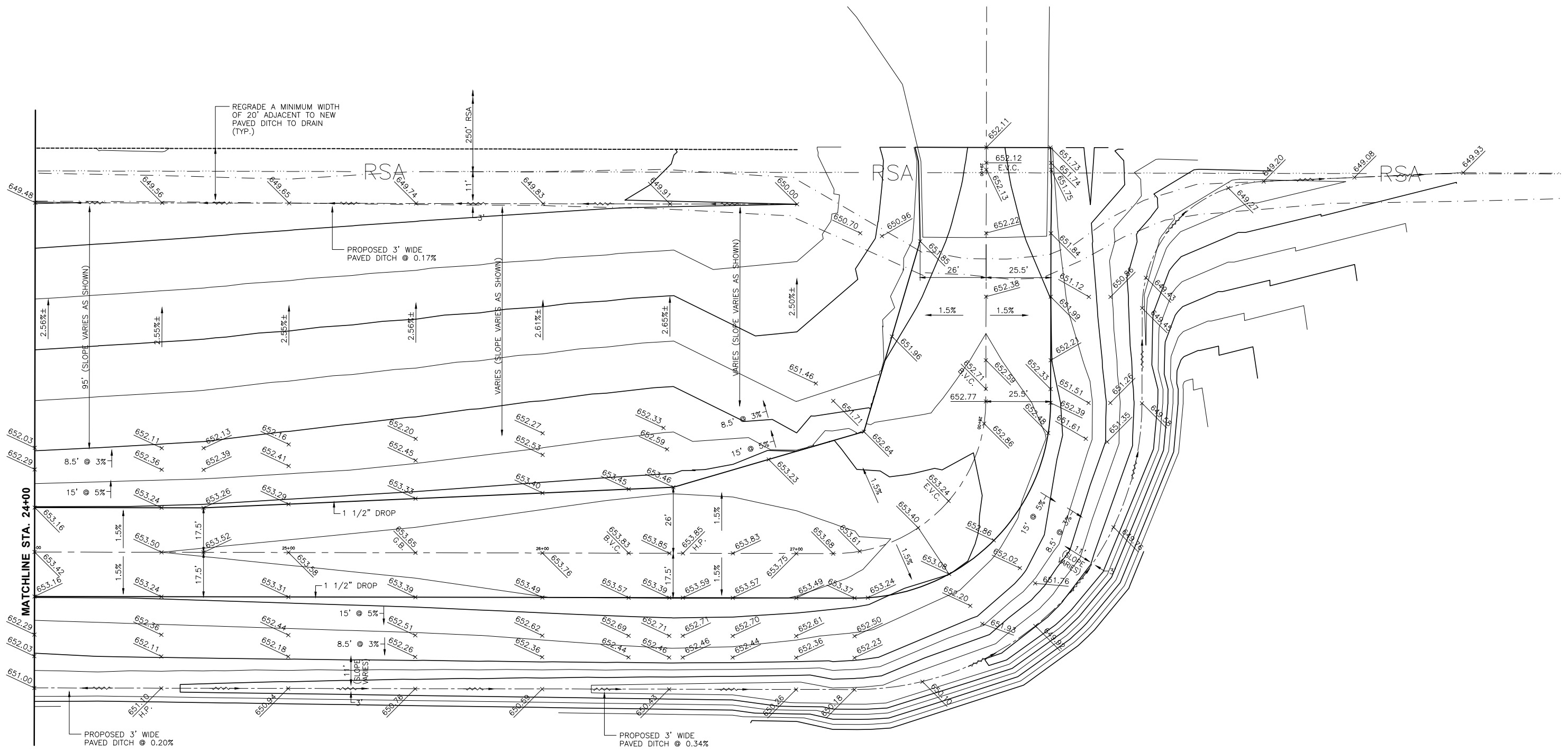
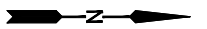


PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

**ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
PERU, ILLINOIS**

**GRADING PLAN (STA. 18+00 - 24+00)
TAXIWAY A**

CONSTRUCTION PLANS	CURRENT AS OF: 10/21/2021	
	SCALE: AS NOTED	SHEET 17
	FILE NO.: 1109.02 Y-	OF 32



CHAMLIN & ASSOCIATES, INC. © 2021
 Drawing Name: G:\Users\11109-02-ORIGINAL IN MORRIS -Peru-MORRIS-Taxiway-Extension-Phase-2\CAD\C3D\018-GRADE 24-28.dwg Last Modified: Friday, December 17, 2021 3:27:54 PM Plotted On: Saturday, January 15, 2022 9:58:09 PM by Casey McCollom

DRAWN BY: KED	REVISIONS			
CHECKED BY: CJM	LEVEL	BY	DATE	DESCRIPTION
DATE: 12/10				

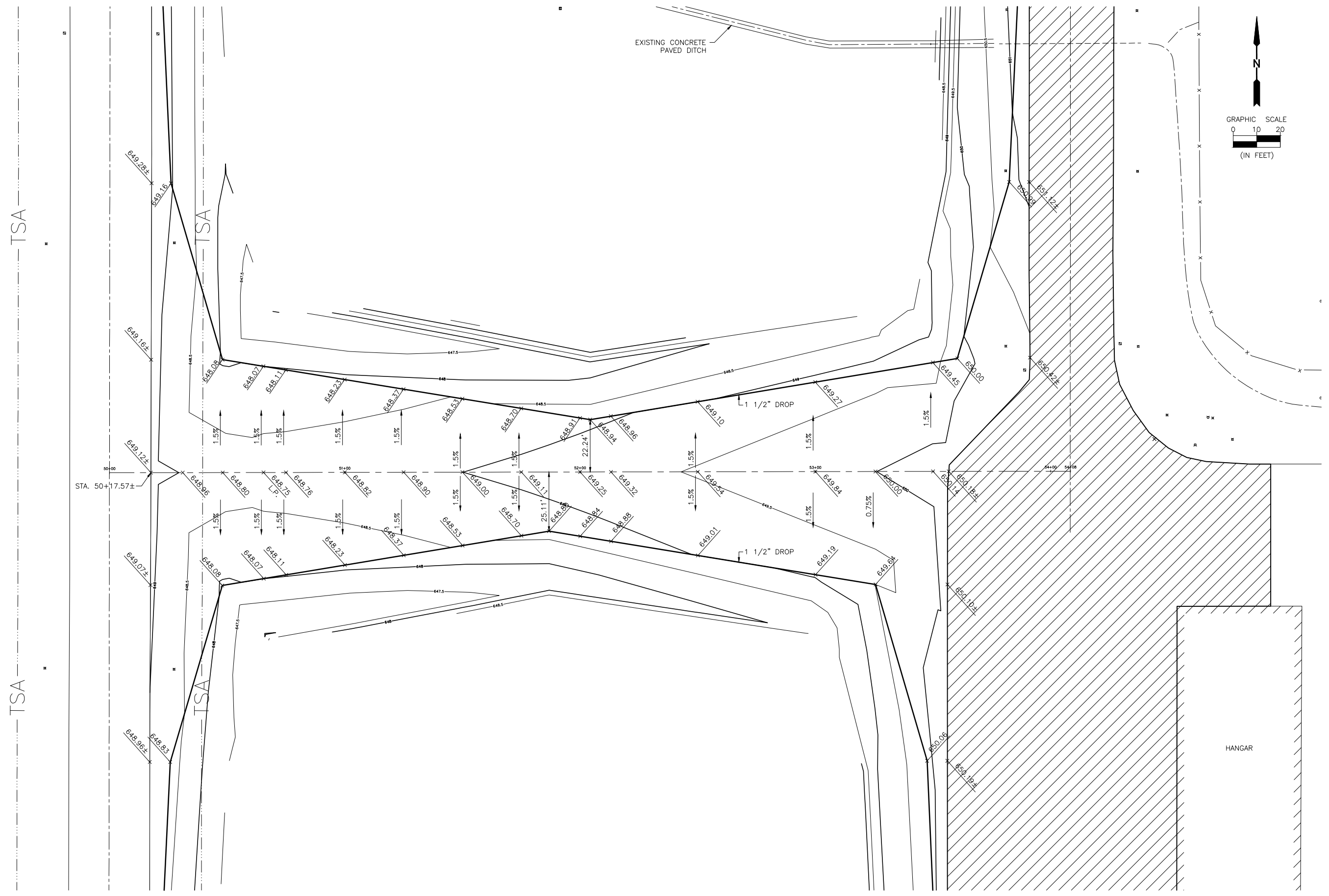
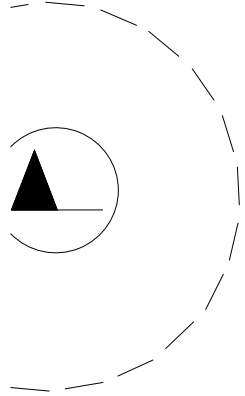
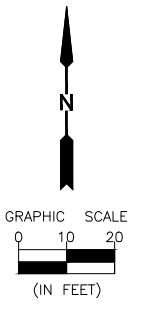


PERU MORRIS
 OTTAWA MENDOTA
 ILLINOIS

ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
PERU, ILLINOIS

GRADING PLAN (STA. 24+00 - 29+50)
TAXIWAY A & TAXIWAY F

CONSTRUCTION PLANS	CURRENT AS OF: 10/21/2021	
	SCALE: AS NOTED	SHEET 18
	FILE NO.: 1109.02 Y-	OF 32



CHAMLIN & ASSOCIATES, INC. © 2021
 Drawing Name: G:\Users\1109-02-ORIGINAL IN MORRIS -Peru-WR-Taxiway-Extension-Phase-2\CAD\C3D\019-GRADE 50-54.dwg Last Modified: Friday, December 17, 2021 3:30:32 PM Plotted On: Saturday, January 15, 2022 10:02:51 PM by Casey McColom

DRAWN BY: KED	REVISIONS		
	LEVEL	BY	DATE
CHECKED BY: CJM			
DATE: 12/10			



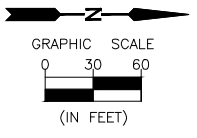
PERU MORRIS
 OTTAWA MENDOTA
 ILLINOIS

ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
PERU, ILLINOIS

GRADING PLAN (STA. 50+00 - 54+00)
TAXIWAY D

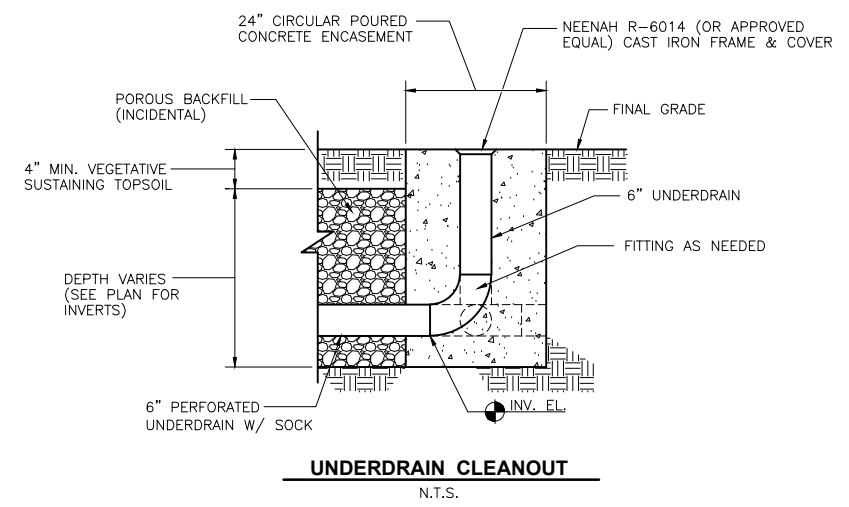
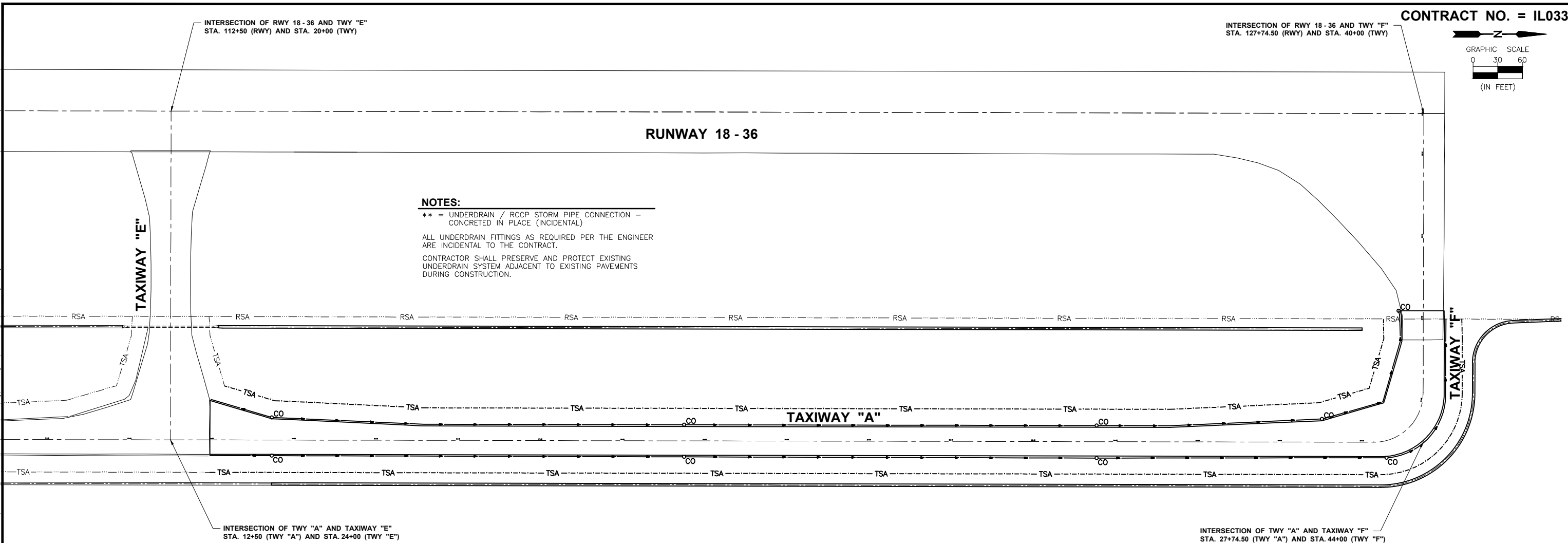
CONSTRUCTION PLANS

CURRENT AS OF: 10/21/2021	
SCALE: AS NOTED	SHEET 19
FILE NO.: 1109.02 Y-	OF 32

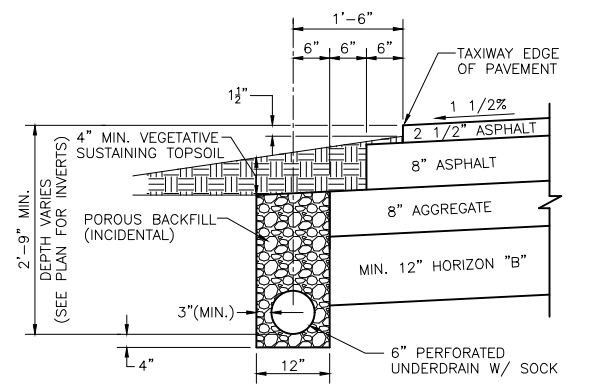
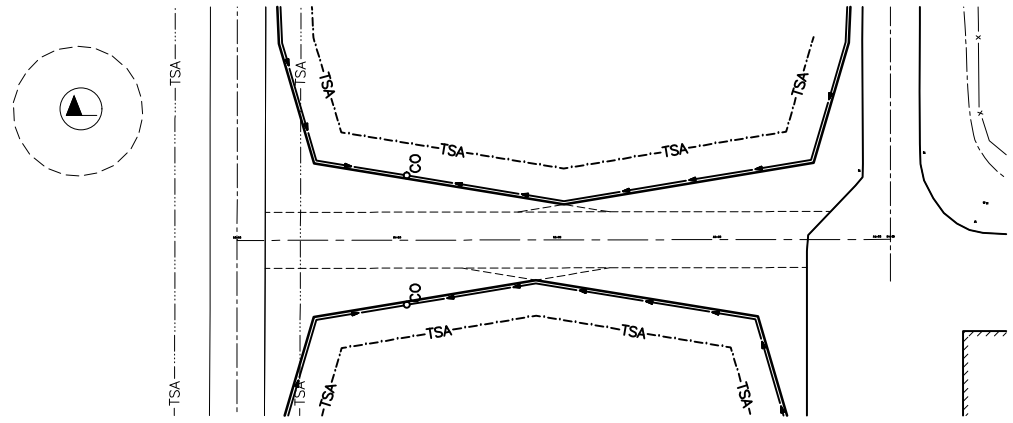


RUNWAY 18 - 36

NOTES:
 ** = UNDERDRAIN / RCCP STORM PIPE CONNECTION - CONCRETED IN PLACE (INCIDENTAL)
 ALL UNDERDRAIN FITTINGS AS REQUIRED PER THE ENGINEER ARE INCIDENTAL TO THE CONTRACT.
 CONTRACTOR SHALL PRESERVE AND PROTECT EXISTING UNDERDRAIN SYSTEM ADJACENT TO EXISTING PAVEMENTS DURING CONSTRUCTION.



UNDERDRAIN CLEANOUT
N.T.S.



UNDERDRAIN DETAIL
N.T.S.

CHAMLIN & ASSOCIATES, INC. © 2021
 Drawing Name: G:\Users\1109-02-ORIGINAL IN MORRIS -Peru-NRA-Taxiway-Extension-Phase-2\CAD\C3D\020-UNDERDRAIN.dwg Last Modified: Friday, December 17, 2021 3:32:54 PM Plotted On: Tuesday, January 18, 2022 8:43:53 AM by Casey McCollom

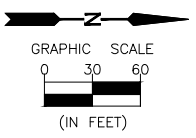
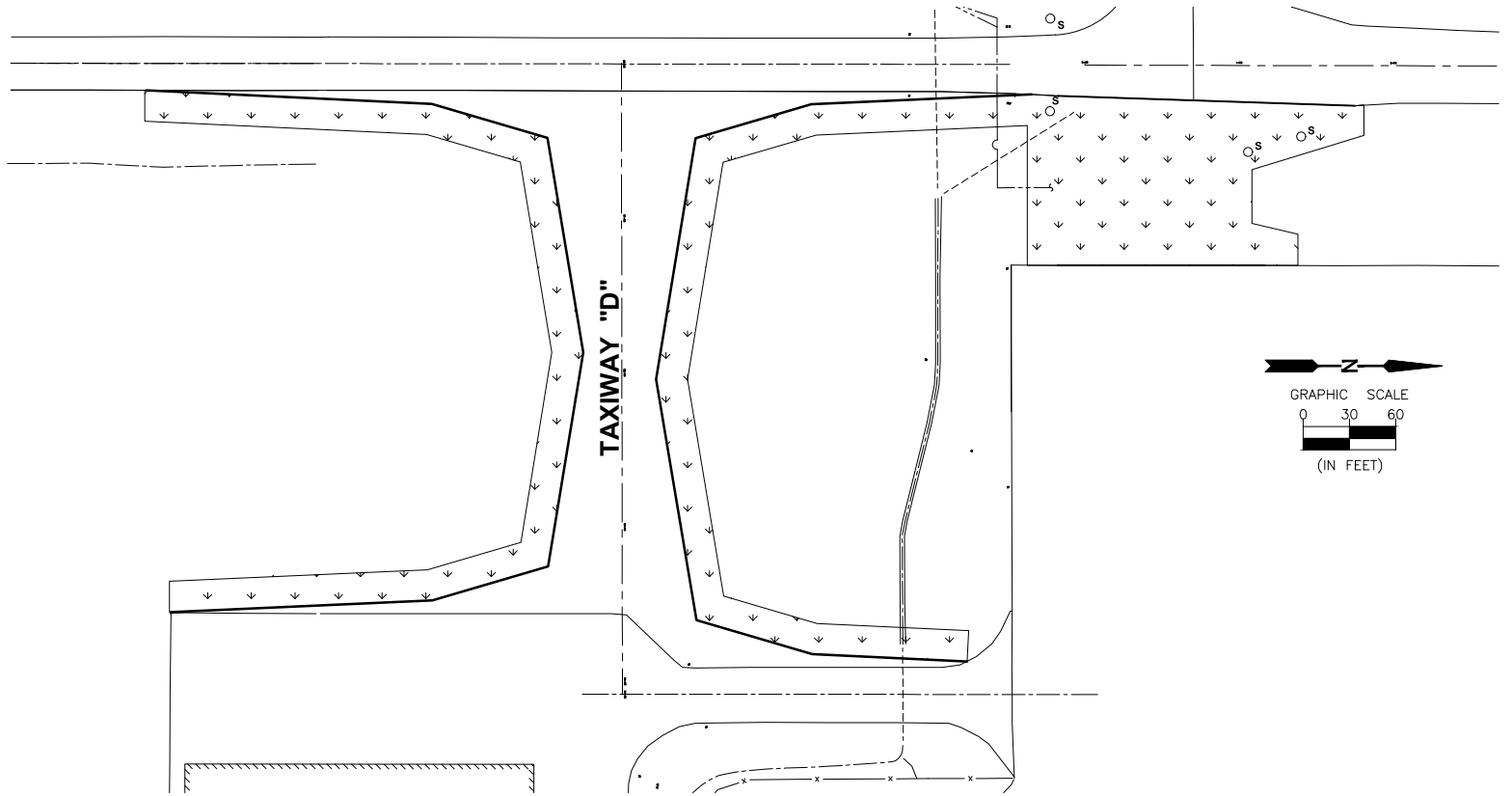
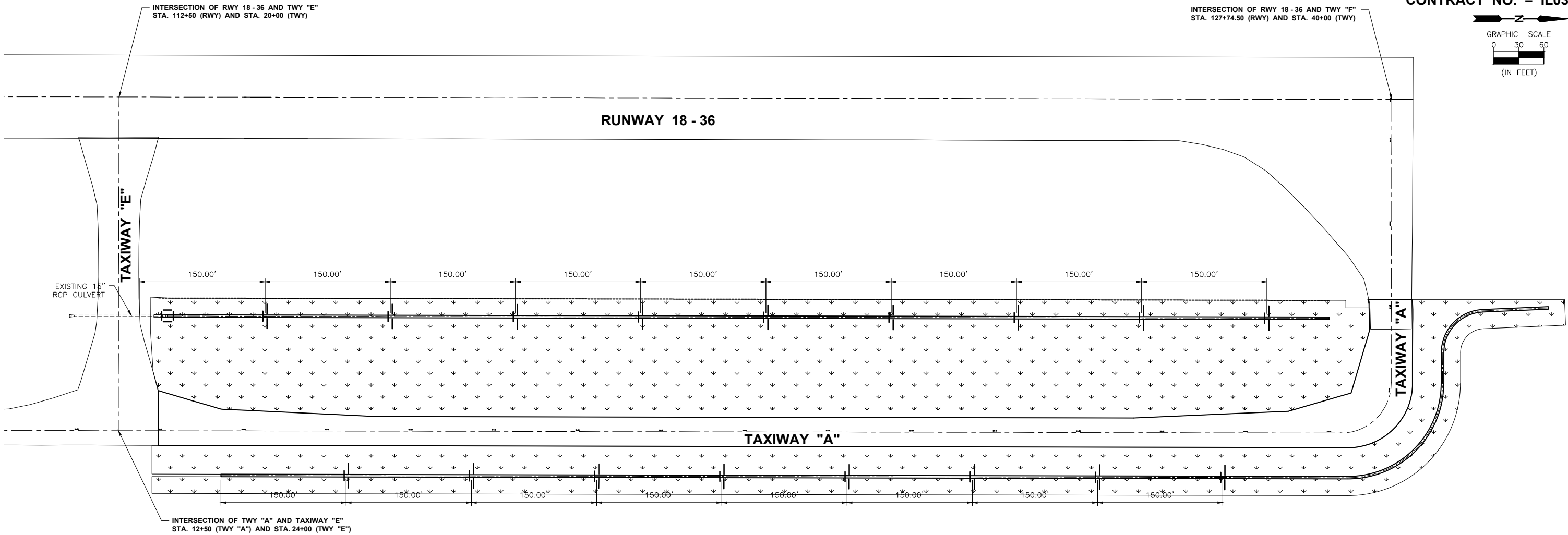
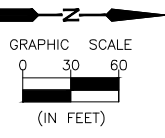
DRAWN BY: KED	REVISIONS			
CHECKED BY: CJM	LEVEL	BY	DATE	DESCRIPTION
DATE: 12/10				

PERU MORRIS
 OTTAWA MENDOTA
 ILLINOIS

**ILLINOIS VALLEY REGIONAL AIRPORT
 PARTIAL PARALLEL TAXIWAY EXTENSION
 PERU, ILLINOIS**

**PIPE UNDERDRAIN PLAN
 AND DETAILS**

CONSTRUCTION PLANS	CURRENT AS OF: 10/21/2021	
	SCALE: AS NOTED	SHEET 20
	FILE NO.: 1109.02 Y-	OF 32



- LEGEND**
- SILT FENCE
 - TEMPORARY DITCH CHECK
 - INLET & PIPE PROTECTION
 - S.C.E. STABILIZED CONSTRUCTION ENTRANCE (INCIDENTAL TO CONTRACT)
 - SEEDING AND MULCHING

CHAMLIN & ASSOCIATES, INC. © 2021
 Drawing Name: G:\Users\1109-02-ORIGINAL IN MORRIS -Peru-MRA-Taxiway-Extension-Phase-2\CAD\C3D\021-EROSION.dwg
 Last Modified: Friday, December 17, 2021 3:34:47 PM
 Plotted On: Saturday, January 15, 2022 10:06:37 PM
 by Casey McCallum

DRAWN BY: KED	REVISIONS			
CHECKED BY: CJM	LEVEL	BY	DATE	DESCRIPTION
DATE: 12/10				

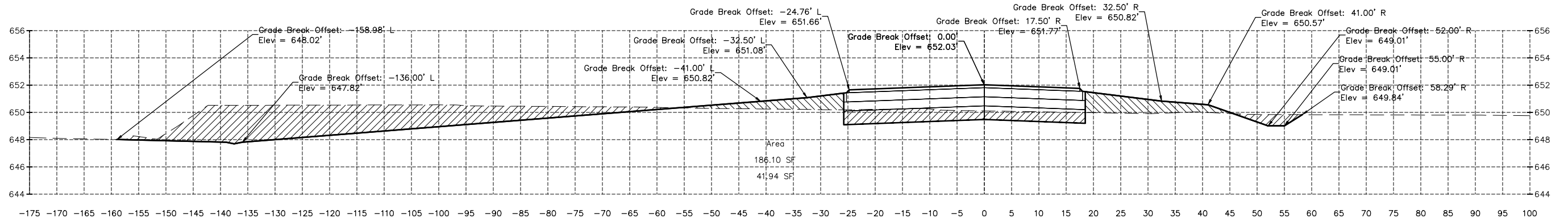
PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

**ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
PERU, ILLINOIS**

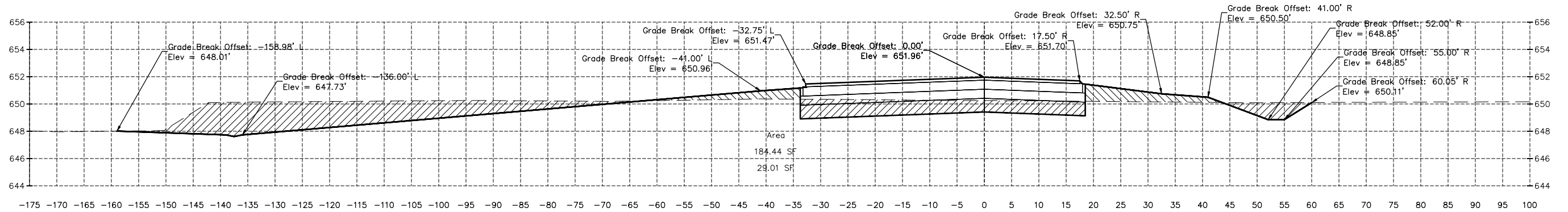
EROSION CONTROL PLAN

CONSTRUCTION PLANS

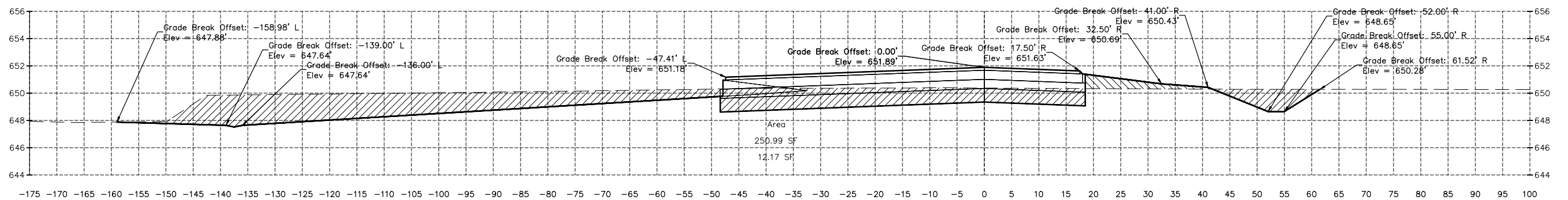
CURRENT AS OF: 10/21/2021	
SCALE: AS NOTED	SHEET 21
FILE NO.: 1109.02	Y- OF 32



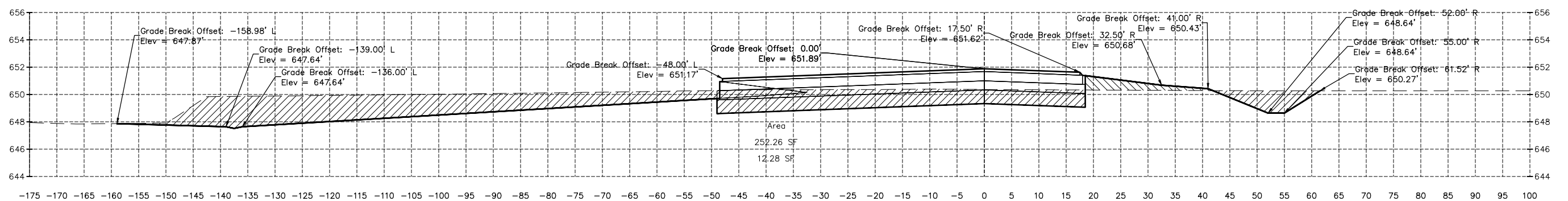
14+00.00



13+50.00



13+00.00



12+98.00

CHAMLIN & ASSOCIATES, INC. © 2021
Drawing Name: G:\Users\1109-02-ORIGINAL IN MORRIS -Peru-MRA-Taxiway-Extension-Phase-2\CAD\C3D\BASE.dwg
Last Modified: Tuesday, December 14, 2021 4:27:49 PM
Plotted On: Saturday, January 15, 2022 10:14:56 PM
By: Casey McCollom

DRAWN BY: KED	REVISIONS			
CHECKED BY: CJM	LEVEL	BY	DATE	DESCRIPTION
DATE: 12/18				

PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

**ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
PERU, ILLINOIS**

CROSS SECTIONS

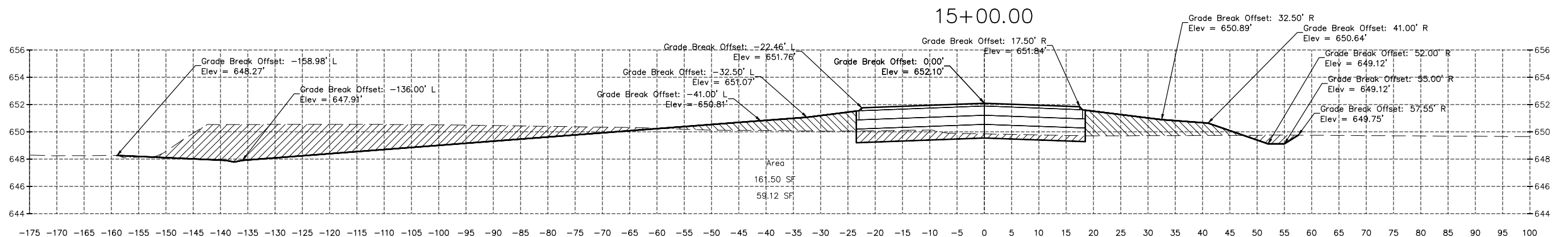
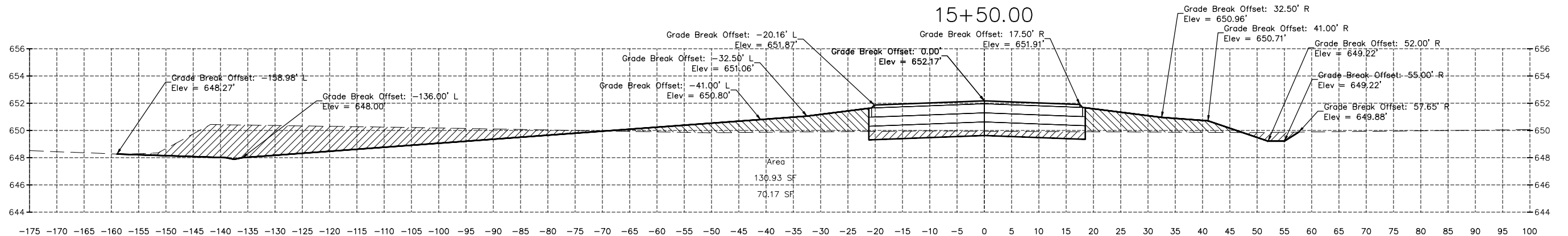
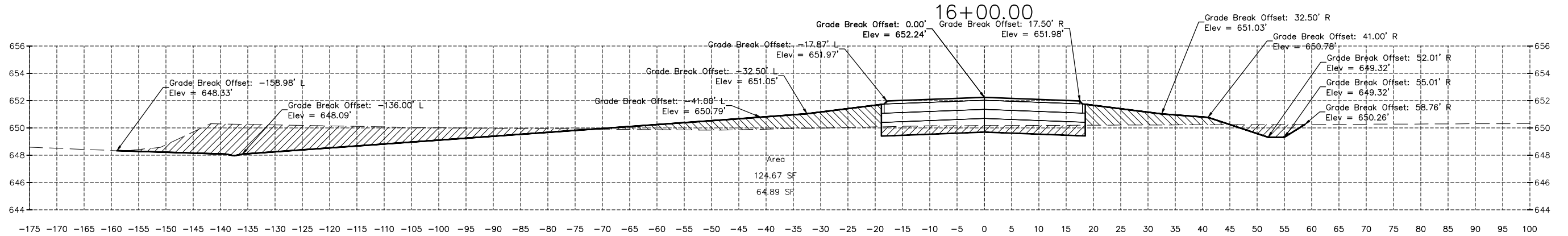
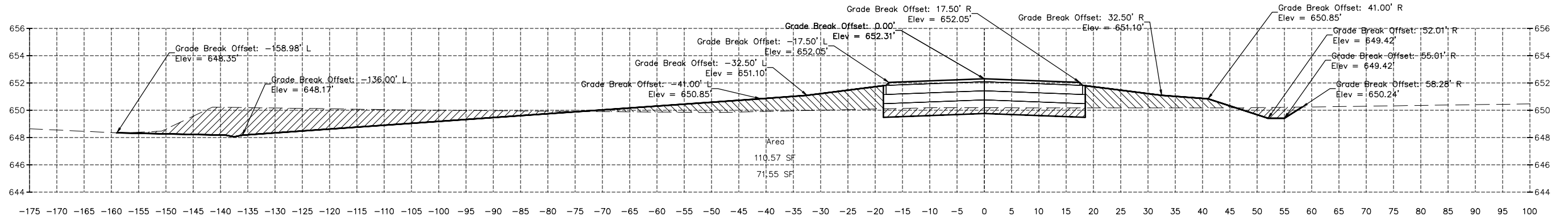
CONSTRUCTION PLANS

CURRENT AS OF: 10/12/2021

SCALE: AS NOTED

FILE NO.: 1109.02 Y- OF 32

SHEET 22



14+50.00

CHAMLIN & ASSOCIATES, INC. © 2021
Drawing Name: G:\Users\1109-02-ORIGINAL IN MORRIS -Peru-WR-Taxiway-Extension-Phase-2\CAD\C3D\BASE.dwg
Last Modified: Tuesday, December 14, 2021 4:27:49 PM
Plotted On: Saturday, January 15, 2022 10:15:43 PM
By: Casey McCallam

DRAWN BY: KED	REVISIONS			
CHECKED BY: CJM	LEVEL	BY	DATE	DESCRIPTION
DATE: 12/18				

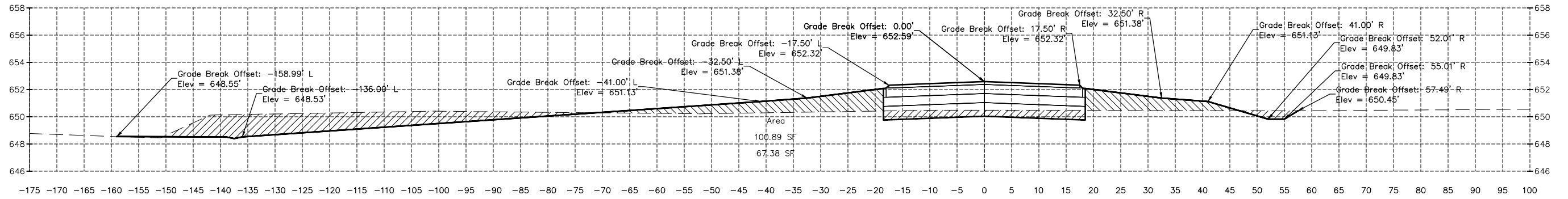


**ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
PERU, ILLINOIS**

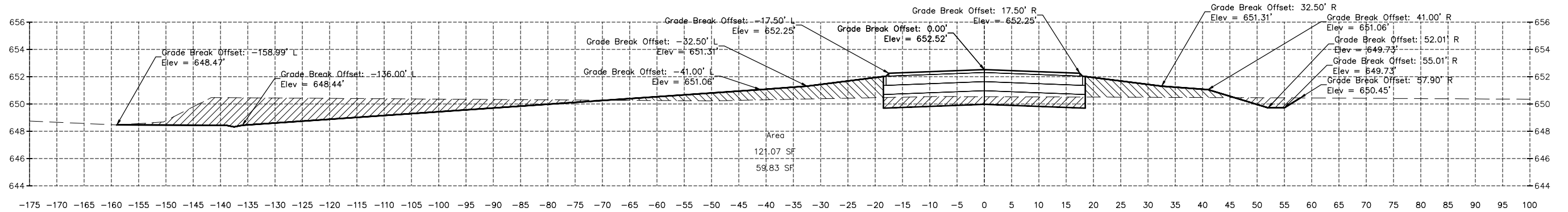
CROSS SECTIONS

**CONSTRUCTION
PLANS**

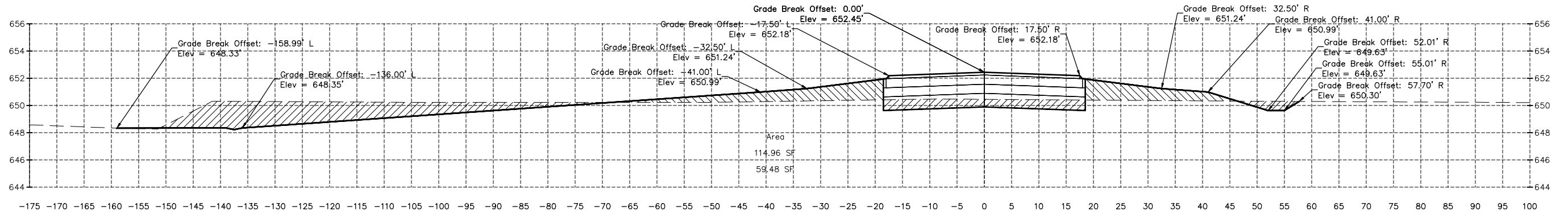
CURRENT AS OF: 10/21/2021	
SCALE: AS NOTED	SHEET 23
FILE NO.: 1109.02 Y-	OF 32



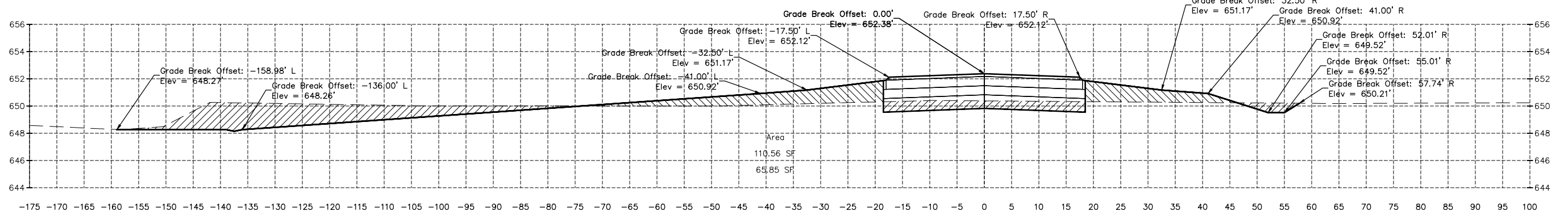
18+00.00



17+50.00



17+00.00



16+50.00

CHAMLIN & ASSOCIATES, INC. © 2021
Drawing Name: G:\Users\1109-02-ORIGINAL IN MORRIS -Peru-MRA-Taxiway-Extension-Phase-2\CAD\C3D\BASE.dwg
Last Modified: Tuesday, December 14, 2021 4:27:49 PM
Plotted On: Saturday, January 15, 2022 10:17:15 PM
By: Casey McCallam

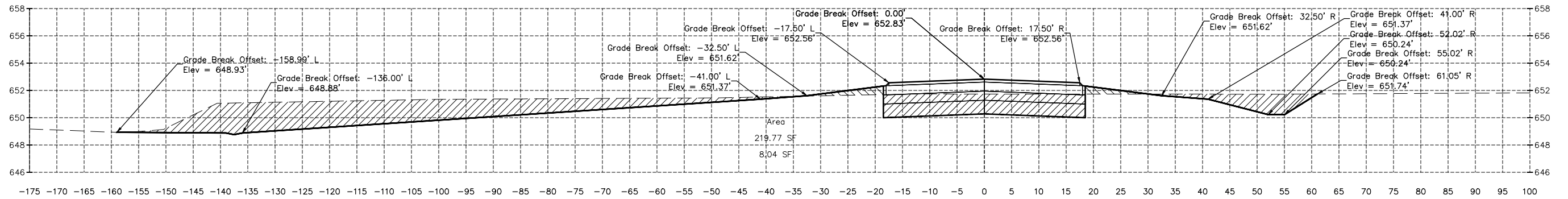
DRAWN BY: KED	REVISIONS			
	LEVEL	BY	DATE	DESCRIPTION
CHECKED BY: CJM				
DATE: 12/18				



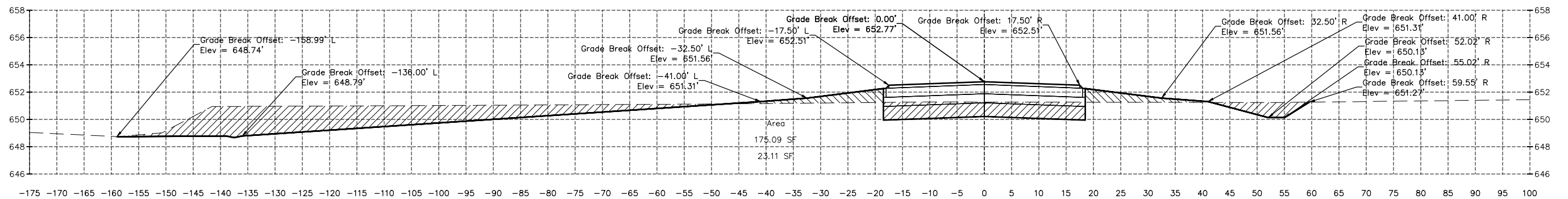
**ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
PERU, ILLINOIS**

CROSS SECTIONS

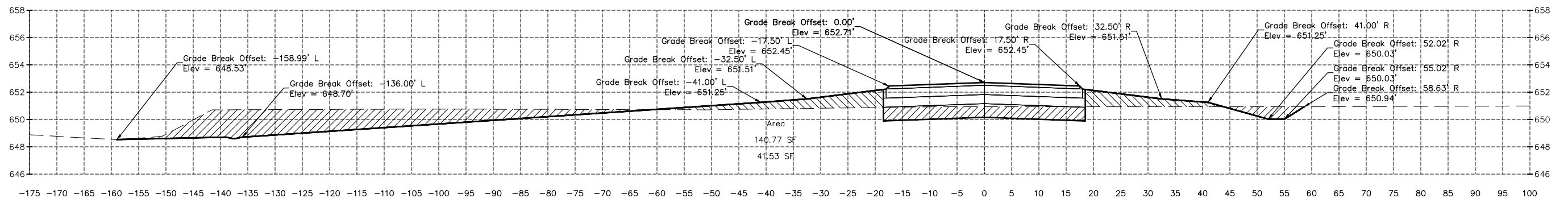
CONSTRUCTION PLANS	CURRENT AS OF: 10/21/2021	
	SCALE: AS NOTED	SHEET 24
	FILE NO.: 1109.02 Y-	OF 32



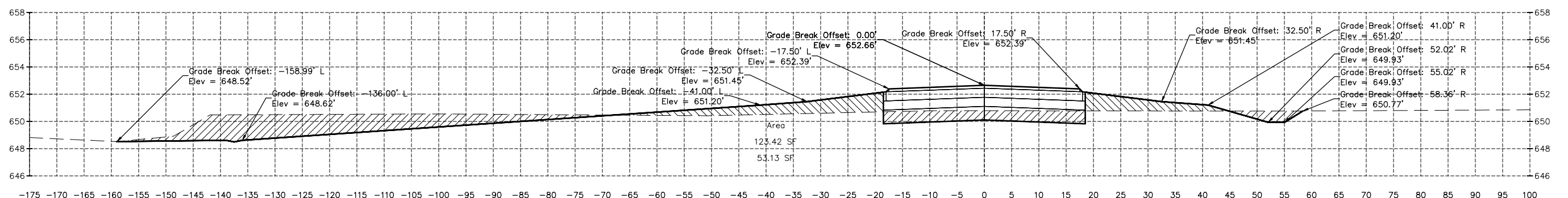
20+00.00



19+50.00



19+00.00



18+50.00

CHAMLIN & ASSOCIATES, INC. © 2021
 Drawing Name: G:\Users\1109-02 ORIGINAL IN MORRIS -Peru-NWA-Taxiway-Extension-Phase-2\CAD\C30\BASE.dwg
 Last Modified: Tuesday, December 14, 2021 4:27:49 PM
 Plotted On: Saturday, January 15, 2022 10:18:41 PM
 by Casey McCallum

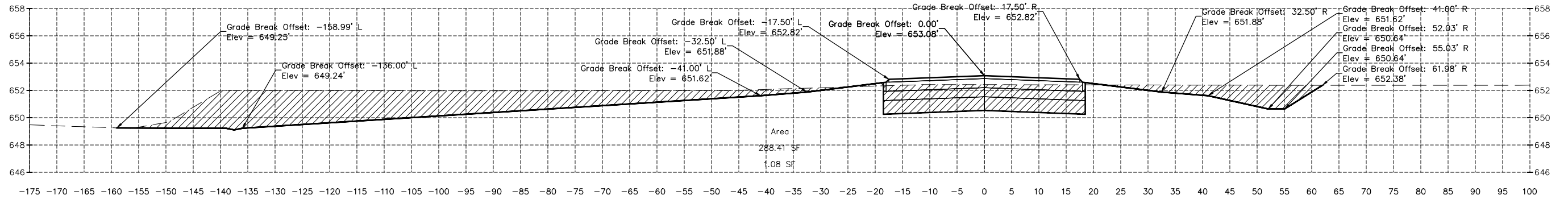
DRAWN BY: KED	LEVEL	BY	DATE	REVISIONS	DESCRIPTION
CHECKED BY: CJM					
DATE: 12/18					


 PERU MORRIS
 OTTAWA MENDOTA
 ILLINOIS

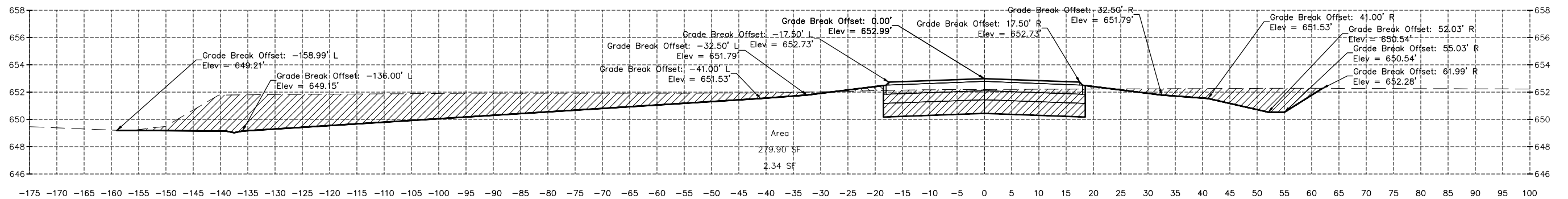
ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
PERU, ILLINOIS

CROSS SECTIONS

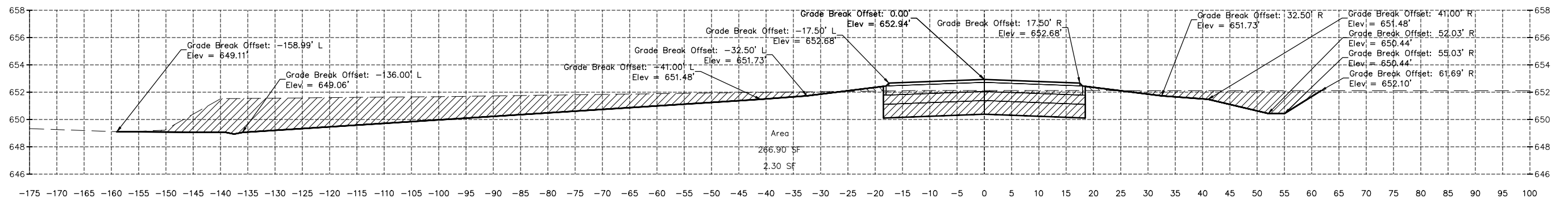
CONSTRUCTION PLANS
 CURRENT AS OF: 10/21/2021
 SCALE: AS NOTED
 FILE NO.: 1109.02 Y- OF 32
 SHEET 25



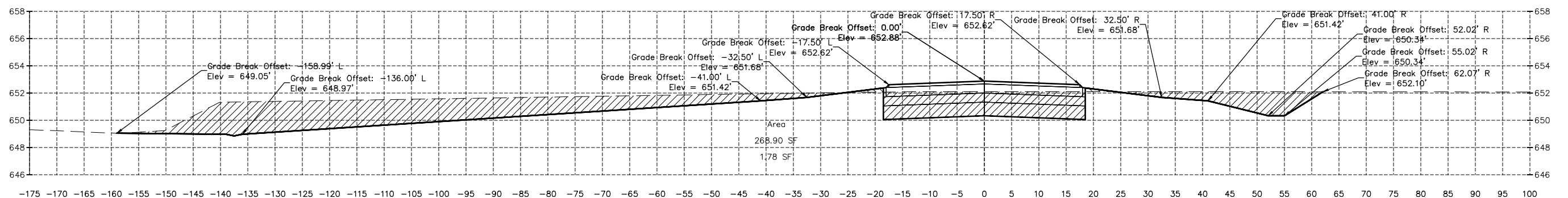
22+00.00



21+50.00



21+00.00



20+50.00

CHAMLIN & ASSOCIATES, INC. © 2021
Drawing Name: G:\Users\j\109-02 ORIGINAL IN MORRIS -Peru-NRA-Taxiway-Extension-Phase-2\CAD\C30\BASE.dwg
Last Modified: Tuesday, December 14, 2021 4:27:49 PM
Plotted On: Saturday, January 15, 2022 10:19:42 PM
By: Casey McCallum

DRAWN BY: KED	REVISIONS		
CHECKED BY: CJM	LEVEL	BY	DATE
DATE: 12/18			
			DESCRIPTION

PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

**ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
PERU, ILLINOIS**

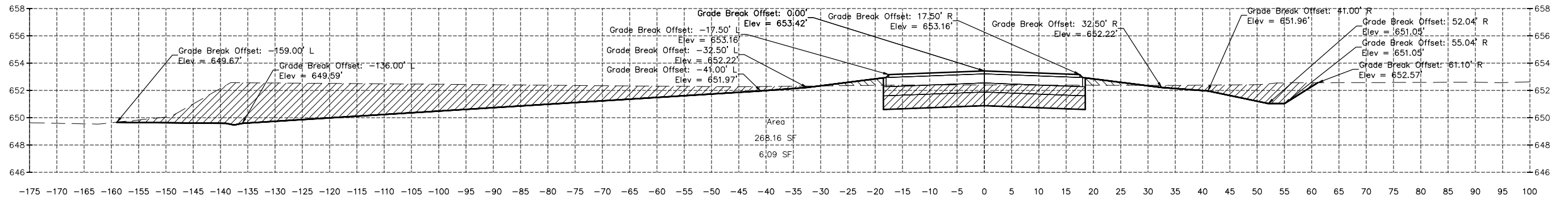
CROSS SECTIONS

CONSTRUCTION PLANS

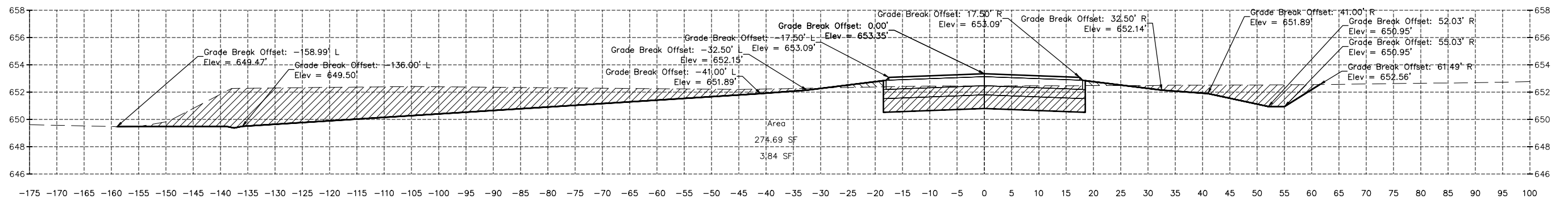
CURRENT AS OF: 10/21/2021

SCALE: AS NOTED SHEET 26

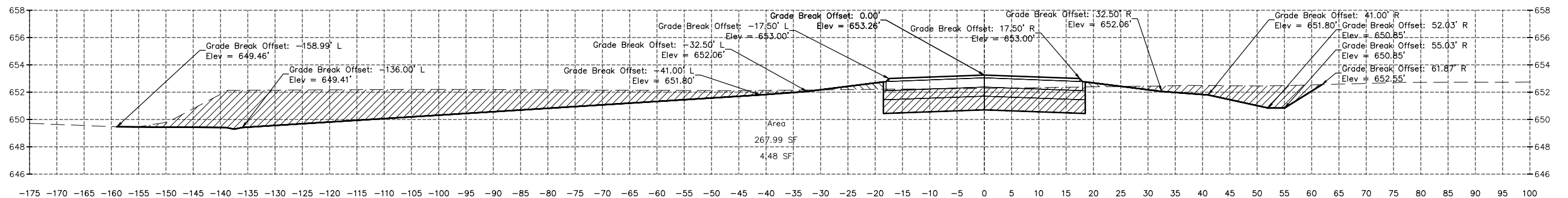
FILE NO.: 1109.02 Y- OF 32



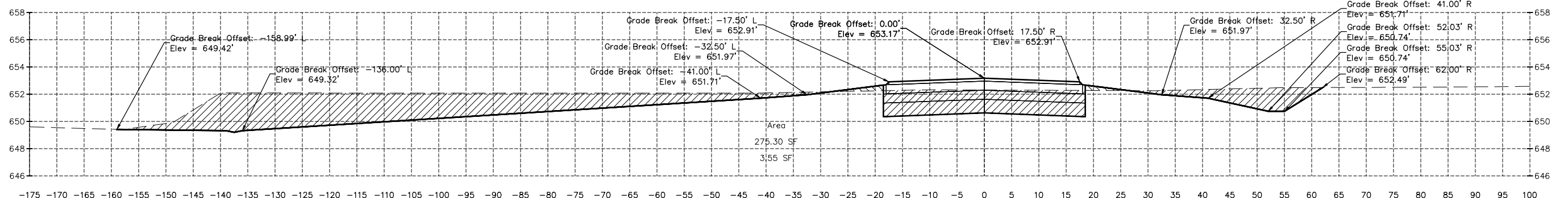
24+00.00



23+50.00



23+00.00



22+50.00

CHAMLIN & ASSOCIATES, INC. © 2021
Drawing Name: G:\Users\j\109-02 ORIGINAL IN MORRIS -Peru-NWA-Taxiway-Extension-Phase-2\CAD\C3D\BASE.dwg
Last Modified: Tuesday, December 14, 2021 4:27:49 PM
Plotted On: Saturday, January 15, 2022 10:21:28 PM
by Casey McCallum

DRAWN BY: KED	REVISIONS			
CHECKED BY: CJM	LEVEL	BY	DATE	DESCRIPTION
DATE: 12/18				

CA
Chamlin & Associates

PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

**ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
PERU, ILLINOIS**

CROSS SECTIONS

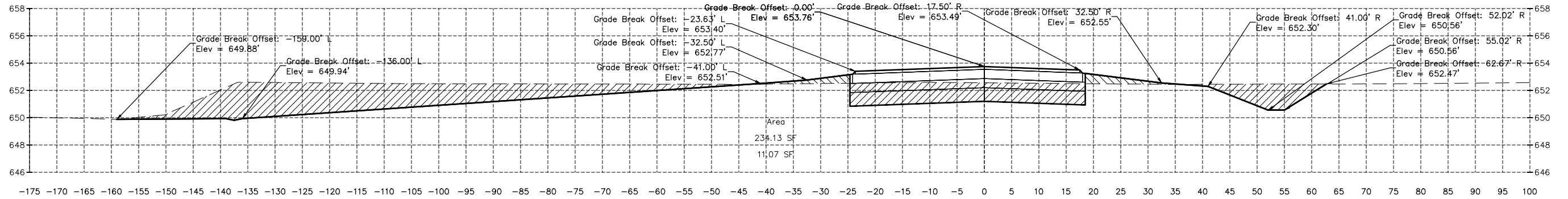
CONSTRUCTION PLANS

CURRENT AS OF: 10/21/2021

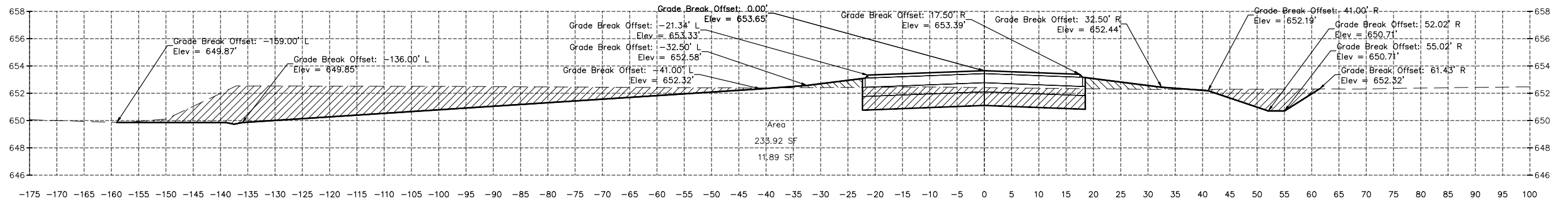
SCALE: AS NOTED

FILE NO.: 1109.02 Y- OF 32

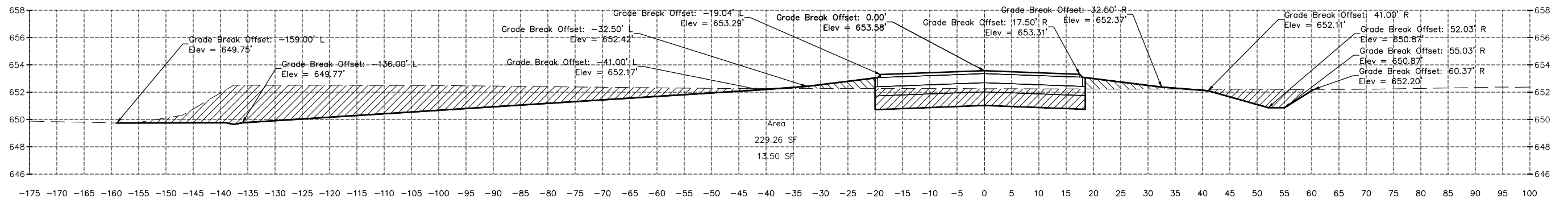
SHEET 27



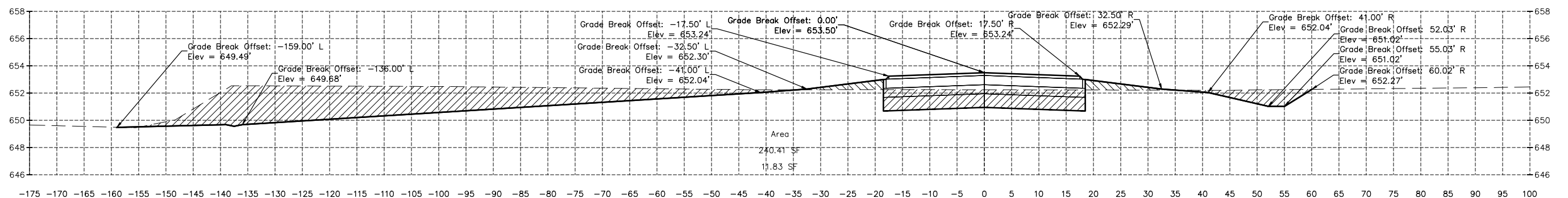
26+00.00



25+50.00



25+00.00



24+50.00

CHAMLIN & ASSOCIATES, INC. © 2021
Drawing Name: G:\Users\j\109-02 ORIGINAL IN MORRIS -Peru-MORRIS-Taxiway-Extension-Phase-2\CAD\C30\BASE.dwg
Last Modified: Tuesday, December 14, 2021 4:27:49 PM
Plotted On: Saturday, January 15, 2022 10:22:32 PM
by Casey McCallum

DRAWN BY: KED	REVISIONS		
CHECKED BY: CJM	LEVEL	BY	DATE
DATE: 12/18			
			DESCRIPTION

CA
Chamlin & Associates

PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

**ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
PERU, ILLINOIS**

CROSS SECTIONS

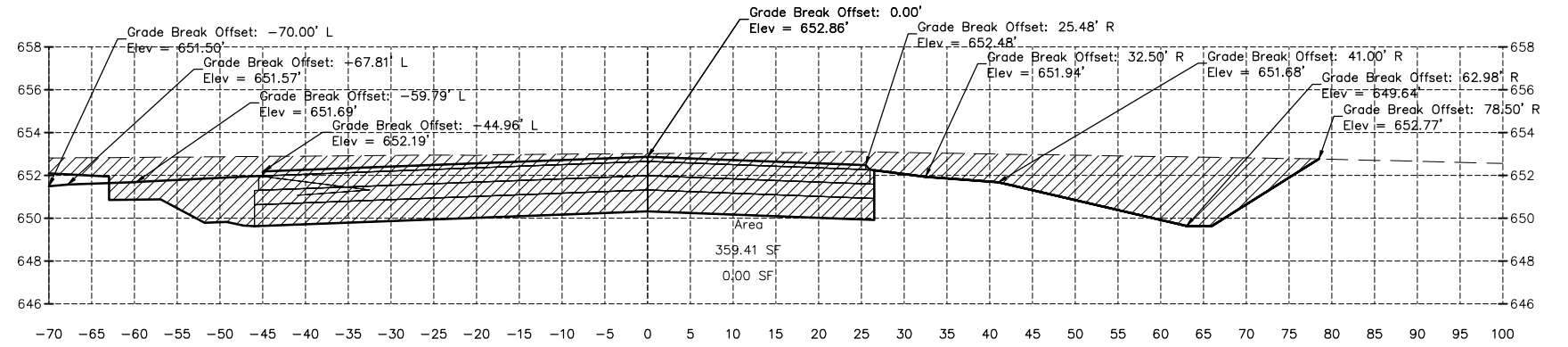
CONSTRUCTION PLANS

CURRENT AS OF: 10/21/2021

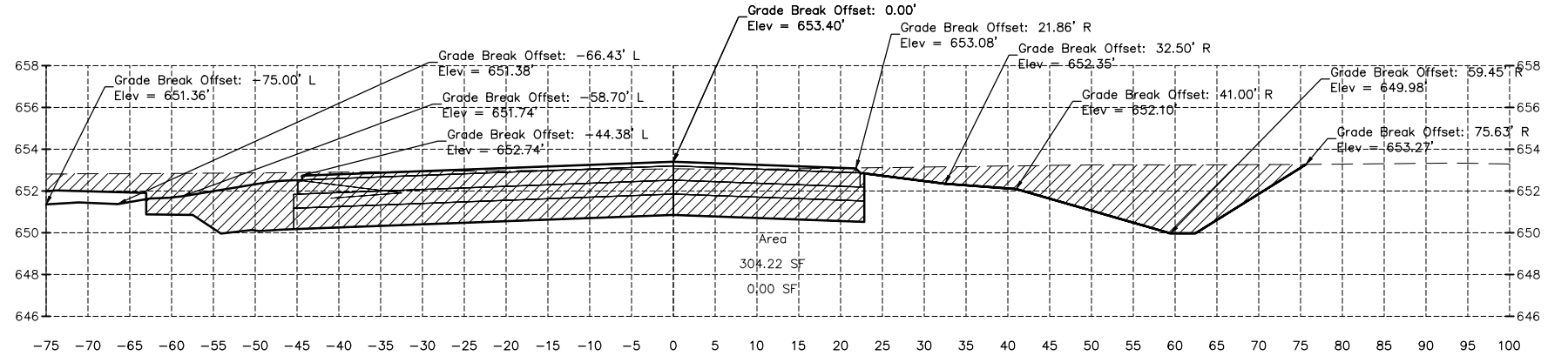
SCALE: AS NOTED

FILE NO.: 1109.02 Y- OF 32

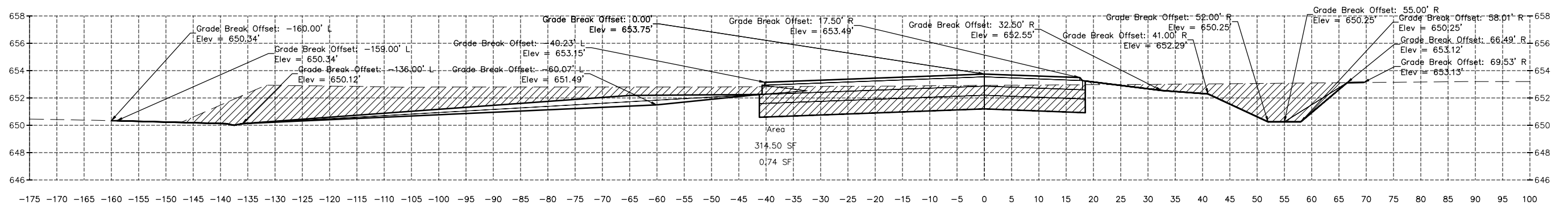
SHEET 28



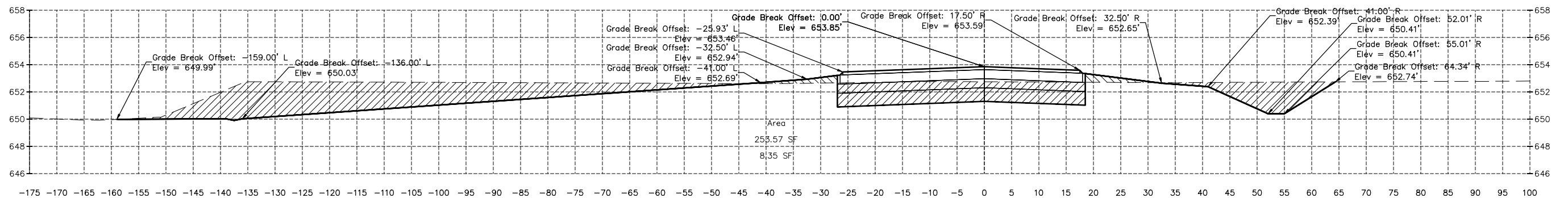
28+00.00



27+50.00



27+00.00



26+50.00

CHAMLIN & ASSOCIATES, INC. © 2021
Drawing Name: G:\Users\1109-02 ORIGINAL IN MORRIS -Peru-MRA-Taxiway-Extension-Phase-2\CAD\C30\BASE.dwg
Last Modified: Tuesday, December 14, 2021 4:27:49 PM
Plotted On: Saturday, January 15, 2022 10:23:26 PM
By: Casey McCallum

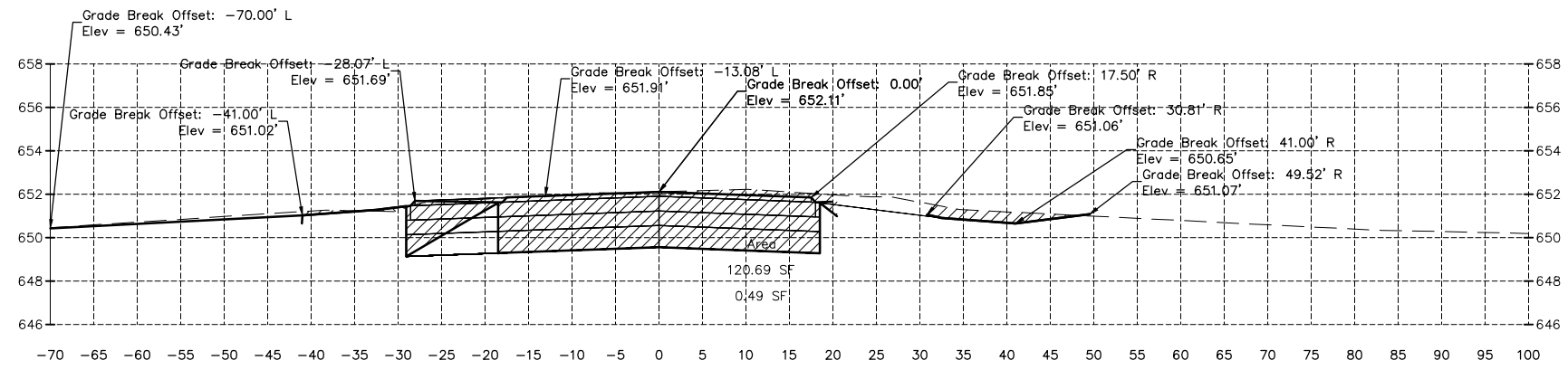
DRAWN BY: KED	REVISIONS			
CHECKED BY: CJM	LEVEL	BY	DATE	DESCRIPTION
DATE: 12/18				



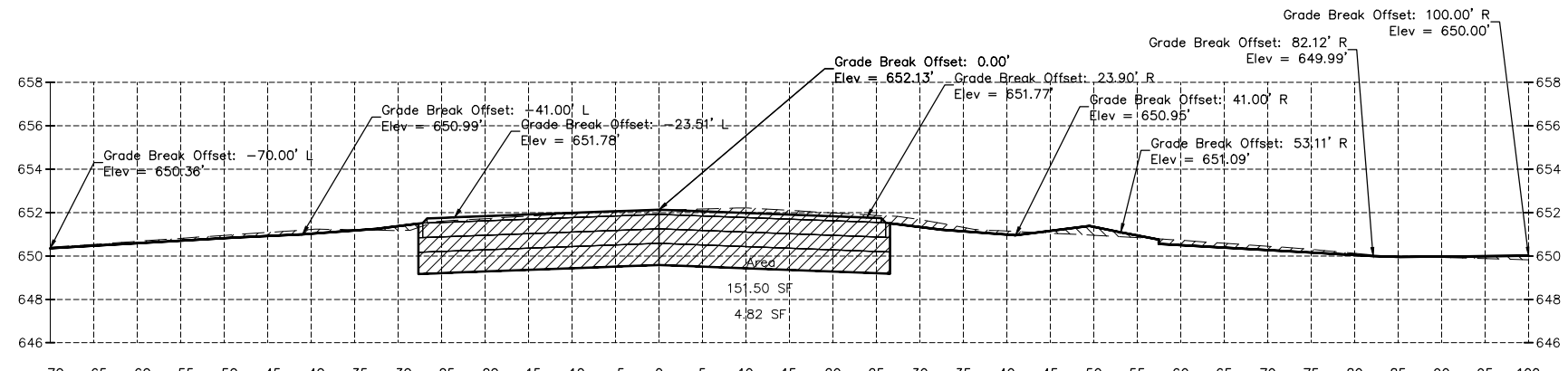
**ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
PERU, ILLINOIS**

CROSS SECTIONS

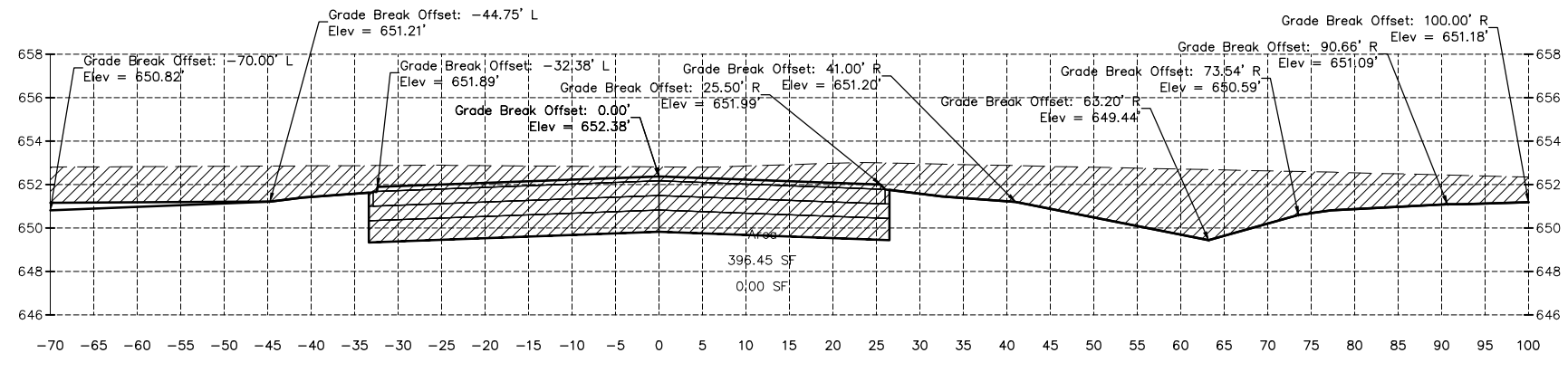
CONSTRUCTION PLANS	CURRENT AS OF: 10/21/2021	
	SCALE: AS NOTED	SHEET 29
	FILE NO.: 1109.02	OF 32



29+08.75



29+00.00



28+50.00

CHAMLIN & ASSOCIATES, INC. © 2021
Drawing Name: G:\Users\1109-02-ORIGINAL IN MORRIS -Peru-NRA-Taxiway-Extension-Phase-2\CAD\C3D\BASE.dwg
Last Modified: Tuesday, December 14, 2021 4:27:49 PM
Plotted On: Saturday, January 15, 2022 10:24:10 PM
By Casey McCallum

DRAWN BY: KED	REVISIONS			
CHECKED BY: CJM	LEVEL	BY	DATE	DESCRIPTION
DATE: 12/18				

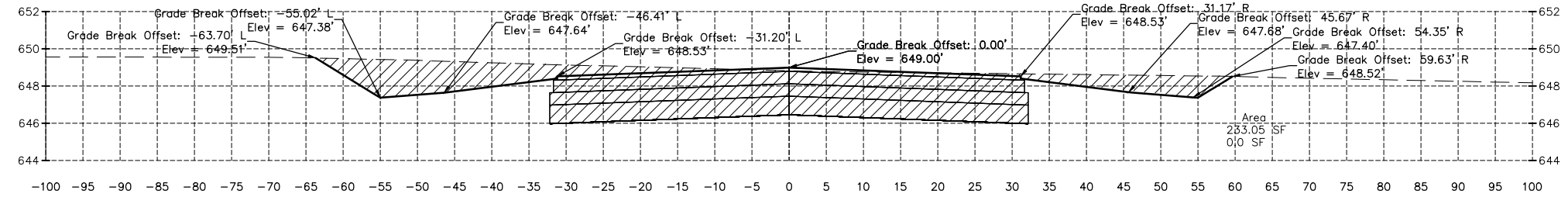


PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

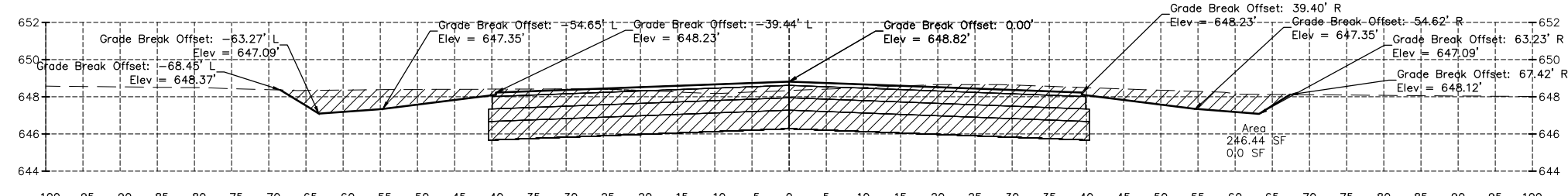
**ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
PERU, ILLINOIS**

CROSS SECTIONS

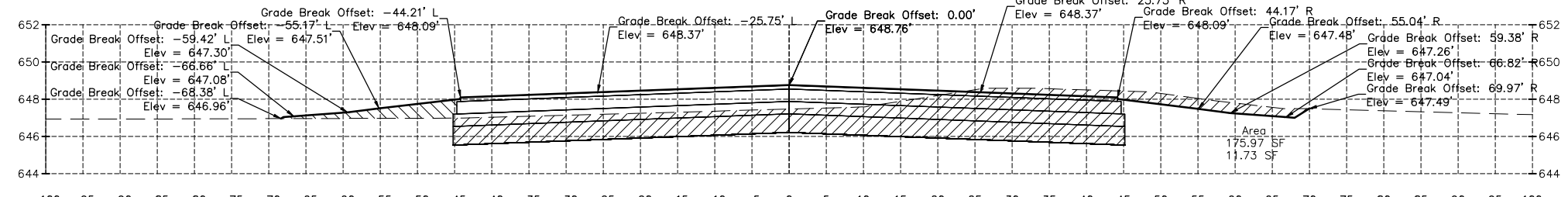
CONSTRUCTION PLANS	CURRENT AS OF: 10/21/2021	
	SCALE: AS NOTED	SHEET 30
	FILE NO.: 1109.02 Y-	OF 32



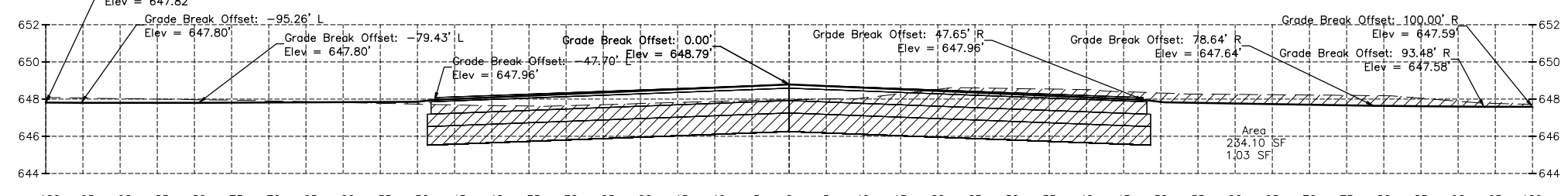
51+50.00



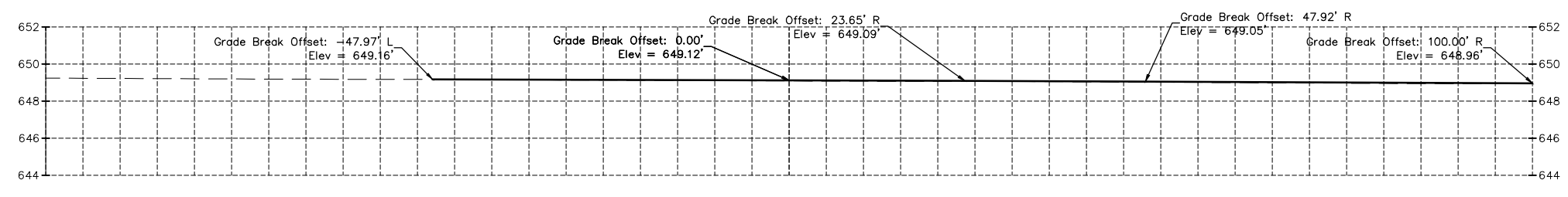
51+00.00



50+71.10



50+50.00



50+17.74

CHAMLIN & ASSOCIATES, INC. © 2021
Drawing Name: G:\Users\1109-02-ORIGINAL IN MORRIS -Peru-NRA-Taxiway-Extension-Phase-2\CAD\C3D\BASE.dwg
Last Modified: Tuesday, December 14, 2021 4:27:49 PM
Plotted On: Saturday, January 15, 2022 10:27:25 PM
By: Casey McCallum

DRAWN BY: KED	REVISIONS		
CHECKED BY: CJM	LEVEL	BY	DATE
DATE: 12/18			
			DESCRIPTION

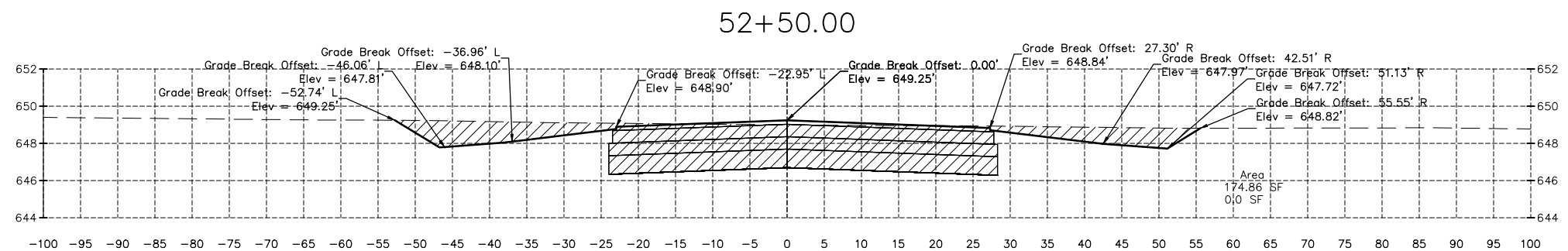
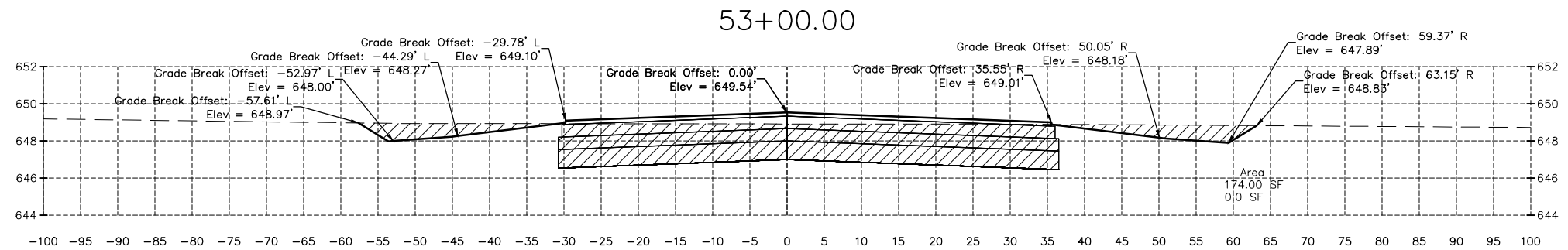
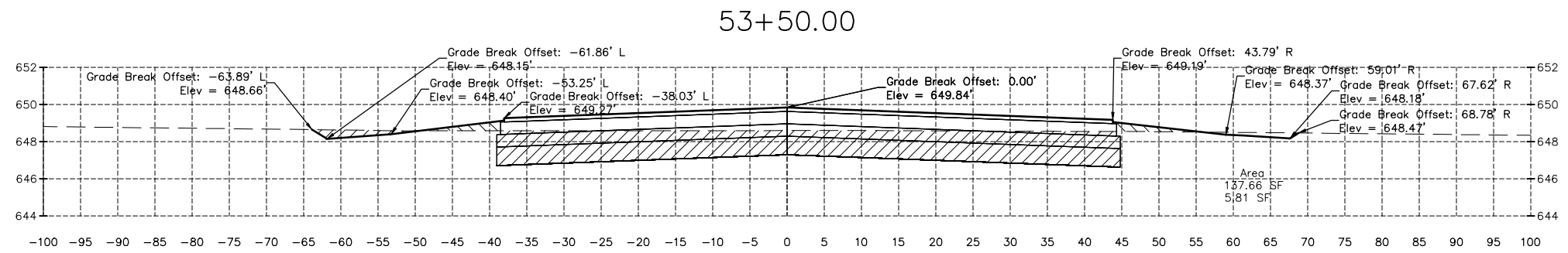
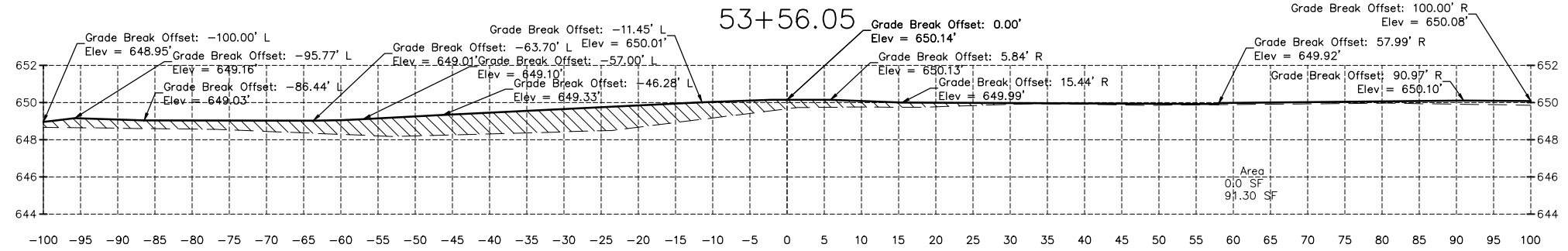
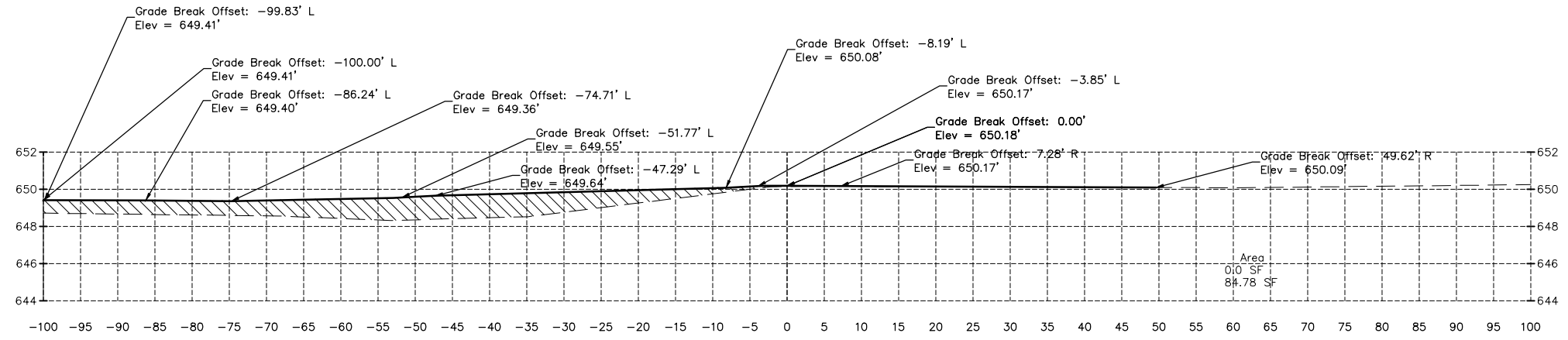
PERU MORRIS
OTTAWA MENDOTA
ILLINOIS

**ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
PERU, ILLINOIS**

CROSS SECTIONS

CONSTRUCTION PLANS

CURRENT AS OF: 10/21/2021	
SCALE: AS NOTED	SHEET 31
FILE NO.: 1109.02	OF 32



CHAMLIN & ASSOCIATES, INC. © 2021
 Drawing Name: G:\Users\j\1109-02-ORIGINAL IN MORRIS -Peru-NRA-Taxiway-Extension-Phase-2\CAD\C3D\BASE.dwg
 Last Modified: Tuesday, December 14, 2021 4:27:49 PM
 Plotted On: Saturday, January 15, 2022 10:28:18 PM
 by Casey McCallum

DRAWN BY: KED	REVISIONS			
	LEVEL	BY	DATE	DESCRIPTION
CHECKED BY: CJM				
DATE: 12/18				

PERU MORRIS
 OTTAWA MENDOTA
 ILLINOIS

ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
PERU, ILLINOIS

CROSS SECTIONS

CONSTRUCTION PLANS	CURRENT AS OF: 10/21/2021	
	SCALE: AS NOTED	SHEET 32
	FILE NO.: 1109.02 Y-	OF 32