

ITEM NO. 05A
INDEX OF SHEETS

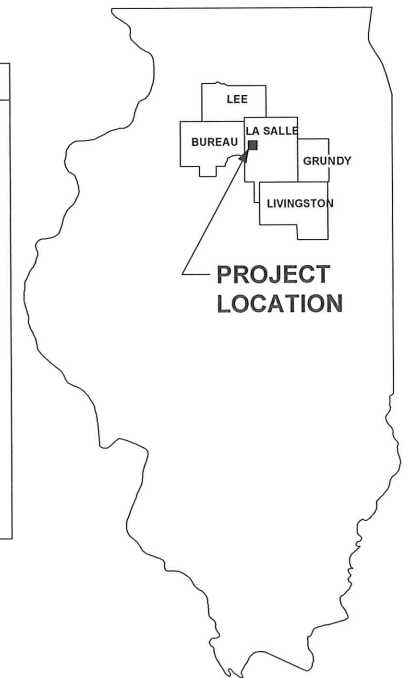
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THE CITY OF PERU, ILLINOIS
ILLINOIS VALLEY REGIONAL AIRPORT
WALTER DUNCAN FIELD
CONSTRUCTION PLANS
FOR
EXTEND PARALLEL TAXIWAY NORTH, PHASE 1
ILLINOIS PROJECT NO. VYS-4331
AIP PROJECT NO. 3-17-SBGP-109/111/120/133
LATITUDE: N 41°21'01", LONGITUDE: W 89°09'11"
ELEVATION 653.28

DATE: JANUARY 2018
RUNWAY 18/36 (EXISTING) CATEGORY C, GROUP II
RUNWAY 7/25 (EXISTING) CATEGORY B, GROUP II

CONTRACT NO. = IL032
TOTAL NUMBER OF SHEETS = 31

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



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

SUMMARY OF QUANTITIES

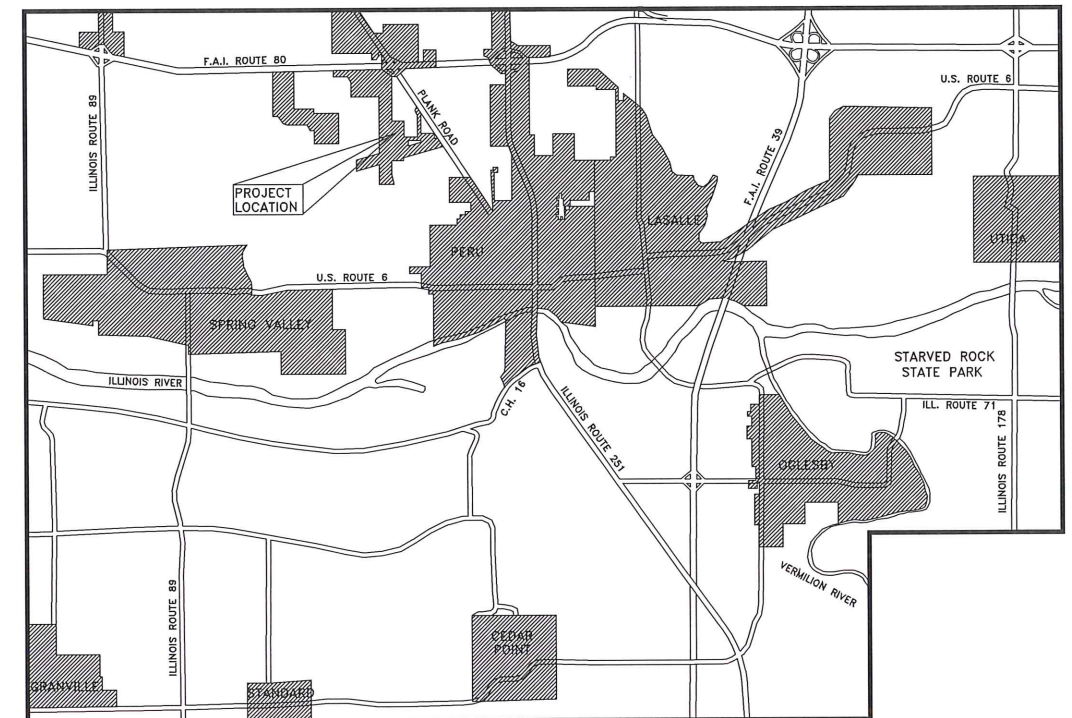
ITEM	DESCRIPTION	UNIT	ESTIMATE QUANTITY
AR107708	L-807 WIND CONE - 8' LIGHTED	EACH	1
AR107900	REMOVE WIND CONE	EACH	1
AR108158	1/C #8 5 KV UG CABLE IN UD	L.F.	4,080
AR108508	2/C #8 600 V UG CABLE	L.F.	1,200
AR110101	CABLE MARKER	EACH	6
AR110502	2-WAY CONCRETE ENCASED DUCT	L.F.	220
AR110610	ELECTRICAL HANDHOLE	EACH	6
AR125410	MTL-STAKE MOUNTED	EACH	43
AR125415	MTL-BASE MOUNTED	EACH	9
AR125441	TAXI GUIDANCE SIGN, 1 CHARACTER	EACH	4
AR125443	TAXI GUIDANCE SIGN, 3 CHARACTER	EACH	1
AR125901	REMOVE STAKE MOUNTED LIGHT	EACH	4
AR125902	REMOVE BASE MOUNTED LIGHT	EACH	1
AR152410	UNCLASSIFIED EXCAVATION	C.Y.	9,415
AR152540	SOIL STABILIZATION FABRIC	S.Y.	10,350
AR156510	SILT FENCE	L.F.	200
AR156511	DITCH CHECK	EACH	9
AR209804	CRUSHED AGG. BASE COURSE - 4"	S.Y.	920
AR209808	CRUSHED AGG. BASE COURSE - 8"	S.Y.	10,350
AR401613	BIT. SURF. CSE. METHOD I, SUPERPAVE	TON	1,420
AR403614	BIT. BASE CSE. METHOD II, SUPERPAVE	TON	4,630
AR403630	BITUMINOUS BASE TEST SECTION	EACH	1
AR602510	BITUMINOUS PRIME COAT	GAL	3,625
AR603510	BITUMINOUS TACK COAT	GAL	1,005
AR620520	PAVEMENT MARKING-WATERBORNE	S.F.	7,800
AR701515	15" RCP, CLASS IV	L.F.	346
AR701521	21" RCP, CLASS IV	L.F.	16
AR705528	6" PERFORATED UNDERDRAIN W/SOCK	L.F.	2,920
AR705640	UNDERDRAIN CLEANOUT	EACH	11
AR752415	PRECAST REINFORCED CONC. FES, 15"	EACH	6
AR752421	PRECAST REINFORCED CONC. FES, 21"	EACH	1
AR752718	P R CONC. FES EQ. ROUND SIZE 18"	EACH	2
AR754610	PAVED DITCH	L.F.	1,632
AR801312	18" EQUIV RND ELLIPTICAL RCP, CL IV	FOOT	96
AR901510	SEEDING	ACRE	6.20
AR908510	MULCHING	ACRE	6.20

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



VICINITY MAP

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



LOCATION MAP



LOCATION	EARTHWORK SUMMARY		
	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	9,415	3,614	+3,447
PAY ITEMS:	UNCLASSIFIED EXCAVATION		9,415
AR 152410	UNCLASSIFIED EXCAVATION		9,415

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, SEEDS, AND MULCH).
- ALL FINISHED EARTHWORK SHALL HAVE A VEGETATION SUSTAINING SOIL COVERING THE TOP 4" IN AREAS TO BE SEEDS. THE VEGETATIVE SUSTAINING SOIL WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF UNCLASSIFIED EXCAVATION.



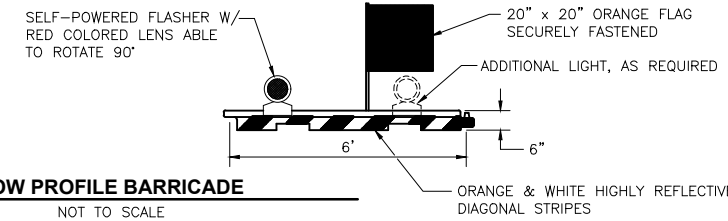
PLANS PREPARED BY:
CHAMLIN & ASSOCIATES
PERU ILLINOIS MORRIS



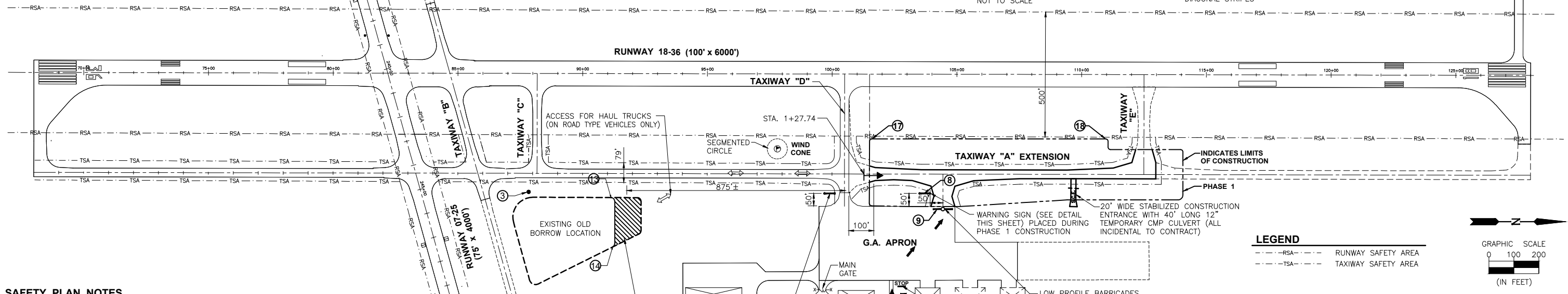
CITY OF PERU, ILLINOIS
APPROVED BY: *[Signature]*
DATE: 01/10/2018

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 APRONS. 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.

NOTE:

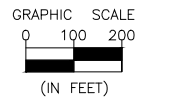
- 1.) SIGN COST INCIDENTAL TO CONTRACT
- 2.) BACKGROUND - ORANGE LETTERS - BLACK



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)
SPOILS AREA OBSTRUCTION HGT. (3)	N. 41' 20' 56.68"	W. 89' 09' 04.81"	645.25	660.25
(E)TAXIWAY "D" WARNING SIGN (8)	N. 41' 21' 17.34"	W. 89' 09' 05.99"	649.40	651.90
RUNWAY 18-36 BARRICADE (9)	N. 41' 21' 13.09"	W. 89' 09' 4.11"	650.50	653.00
SPOILS AREA OBSTRUCTION HGT. (13)	N. 41' 20' 59.94"	W. 89' 09' 4.55"	646.00	661.00
SPOILS AREA OBSTRUCTION HGT. (14)	N. 41' 20' 36.55"	W. 89' 48' 21.50"	645.00	660.00
STORAGE AREA OBSTRUCTION HGT. (15)	N. 41' 21' 11.06"	W. 89' 08' 56.11"	650.00	680.00
CONSTRUCTION EQUIPMENT (17)	N. 41' 21' 10.26"	W. 89' 09' 07.76"	646.25	676.25
CONSTRUCTION EQUIPMENT (18)	N. 41' 21' 19.50"	W. 89' 09' 07.88"	647.50	677.50

*BARRICADES USED ON AIRPORT SURFACES SHALL BE LOW PROFILE WITH REFLECTIVE STRIPES & RED LIGHTS AS PER AC 150/5370-2E *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" WITHIN 100' OF TAXIWAY "D" CENTERLINE COMPLETE WITH EARTHWORK, SUB-BASE, PAVING, EDGE LIGHTING, AND SEEDING / FERT.
- C. REMOVE STABILIZED CONSTRUCTION ENTRANCE.
- D. CLEAN PAVEMENTS.
- E. OPEN TAXIWAY "A" EXTENSION TO TAXIWAY "E".

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

CHAMLIN & ASSOCIATES, INC. © 2014
Drawing Name: H:\A\08\1\PERU AIRPORT\1.109-00-Peru-NRA-Taxiway-Extension-Northward\0AD\C3D\Final Plans (revised 5-26-17 - Morris)\02-SAFETY PHASE 1.dwg Last Modified: Jan. 17, 2018 - 4:10pm Plotted on: Jan. 18, 2018 - 8:18am by ccsmyrn

DRAWN BY: CHAMS	REVISIONS			
	LEVEL	BY	DATE	DESCRIPTION
CHECKED BY: CJM				
DATE: 10/17				

CHAMLIN & ASSOCIATES, INC.
PERU MORRIS ILLINOIS

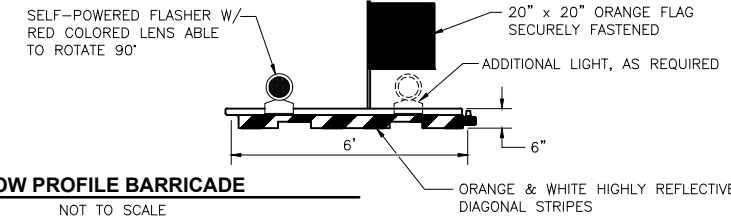
**ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
PERU, ILLINOIS**

**CONSTRUCTION SAFETY PLAN - PHASE 1
CONSTRUCTION PLANS**

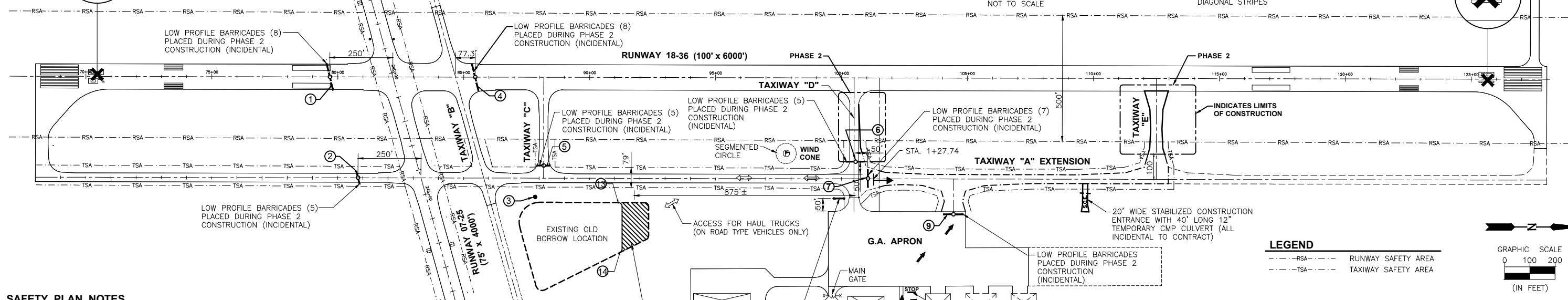
CURRENT AS OF: 10/17	SHEET 2
SCALE: AS NOTED	OF 31
FILE NO.: 1109.00 Y-	

BARRICADE NOTES:

- 1.) BARRICADES TO BE HIGH IMPACT UV-RESISTANT POLYETHYLENE, LIQUID OR SAND BALLASTED TO WITHSTAND DISPLACEMENT BY WEATHER, JET OR PROP BLAST.
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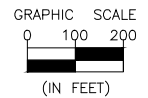


LOW PROFILE BARRICADE
NOT TO SCALE



LEGEND

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



SAFETY PLAN NOTES

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- 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.
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- 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.

NOTE:

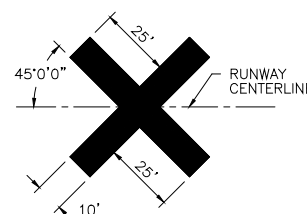
- 1.) SIGN COST INCIDENTAL TO CONTRACT
- 2.) BACKGROUND - ORANGE LETTERS - BLACK



WARNING SIGN DETAIL
NOT TO SCALE

NOTES:

- 1.) CLOSED RUNWAY 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 OVER EXISTING RUNWAY NUMERALS AND AS DIRECTED BY THE ENGINEER.
- 5.) COST OF FURNISHING, INSTALLING, MAINTAINING AND REMOVING MARKERS AND BARRICADES SHALL BE CONSIDERED INCIDENTAL TO CONTRACT. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.



TEMPORARY CLOSED RUNWAY MARKER DETAIL
NOT TO SCALE

PNT. LOCATION	LATITUDE	LONGITUDE	GRND. ELEV.	HEIGHT (AMSL)
RUNWAY 18-36 BARRICADE ①	N. 41° 20' 48.58"	W. 89° 09' 10.95"	646.74	649.24
RUNWAY 18-36 BARRICADE ②	N. 41° 20' 49.72"	W. 89° 09' 5.71"	645.47	647.75
SPOILS AREA OBSTRUCTION HGT. ③	N. 41° 20' 56.68"	W. 89° 09' 04.81"	645.25	660.25
RUNWAY 18-36 BARRICADE ④	N. 41° 20' 54.28"	W. 89° 09' 11.00"	647.50	648.00
(W)TAXIWAY "C" BARRICADE ⑤	N. 41° 20' 57.00"	W. 89° 09' 6.44"	647.70	650.20
(W)TAXIWAY "D" BARRICADE ⑥	N. 41° 21' 9.23"	W. 89° 09' 6.80"	649.80	652.30
(S)TAXIWAY "A" BARRICADE ⑦	N. 41° 21' 9.72"	W. 89° 09' 5.93"	649.50	652.00
RUNWAY 18-36 BARRICADE ⑨	N. 41° 21' 13.09"	W. 89° 09' 4.11"	650.50	653.00
SPOILS AREA OBSTRUCTION HGT. ⑬	N. 41° 20' 59.94"	W. 89° 09' 4.55"	646.00	661.00
SPOILS AREA OBSTRUCTION HGT. ⑭	N. 41° 20' 36.55"	W. 89° 48' 21.50"	645.00	660.00
STORAGE AREA OBSTRUCTION HGT. ⑮	N. 41° 21' 11.06"	W. 89° 08' 56.11"	650.00	680.00

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

CONSTRUCTION SEQUENCE & SAFETY

PHASE 2 AREA:

- A. INSTALL TRAFFIC CONTROL BARRICADES, WARNING SIGN, AND REVIEW & COORDINATE FUTURE CLOSINGS WITH AIRPORT MANAGER.
- B. STAKE LIMITS OF CONSTRUCTION AND R.S.A./ T.S.A.
- C. CLOSE RUNWAY 18-36 INCLUDING TURNING OFF RUNWAY 18-36 LIGHTING SYSTEM.
- D. STRIP TOPSOIL
- E. CONSTRUCT EMBANKMENT AND SHOULDERS
- F. CONSTRUCT SUB-BASE
- G. CONSTRUCT STORM DRAINAGE AND UNDERDRAINS
- H. CONSTRUCT COMPLETELY, PHASE 2 OF TAXIWAYS, WHICH INCLUDES EARTHWORK, SUB-BASE, PAVING, EDGE LIGHTING, GUIDANCE SIGNS, AND SEEDING / FERT. (NOT INCLUDING PAVEMENT MARKING).
- I. INSTALL TRAFFIC CONTROL BARRICADES, WARNING SIGNS AT TAXIWAY "E"
- J. TURN ON RUNWAY 18-36 LIGHTING SYSTEM AND OPEN RUNWAY 18-36

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

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DRAWN BY: CHAMS	REVISIONS			
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DATE: 10/17				

CHAMLIN & ASSOCIATES, INC.
PERU MORRIS ILLINOIS

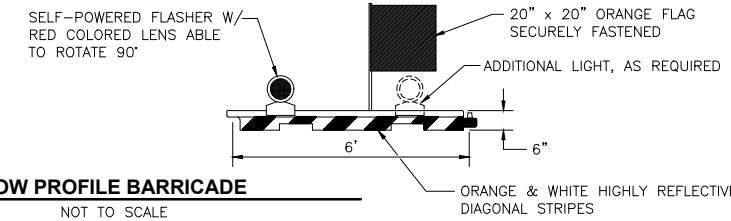
ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
PERU, ILLINOIS

CONSTRUCTION SAFETY PLAN - PHASE 2

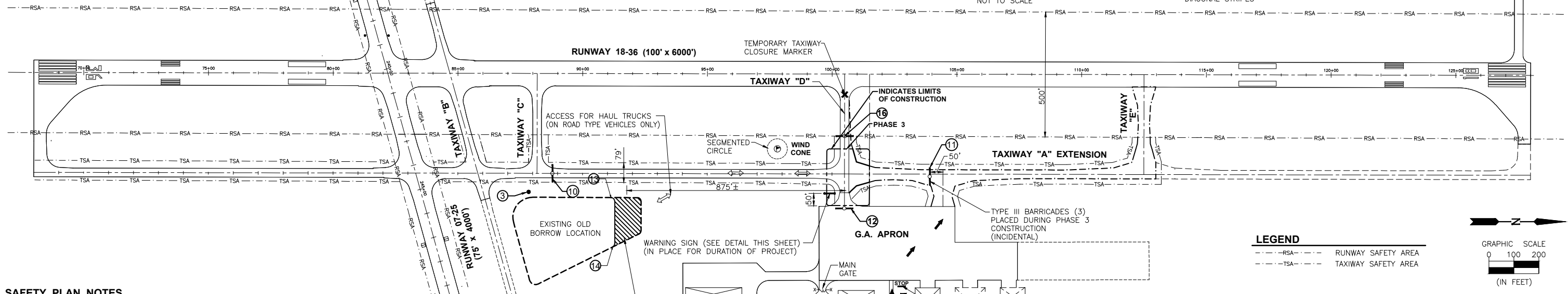
CONSTRUCTION PLANS
CURRENT AS OF: 10/17
SCALE: AS NOTED SHEET 3
FILE NO.: 1109.00 Y- OF 31

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.

NOTE:

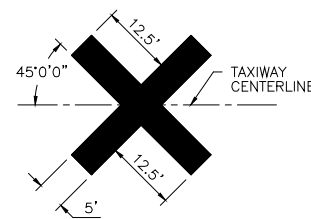
- 1.) SIGN COST INCIDENTAL TO CONTRACT
- 2.) BACKGROUND - ORANGE LETTERS - BLACK



WARNING SIGN 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.



TEMPORARY CLOSED TAXIWAY MARKER DETAIL
NOT TO SCALE

CRITICAL POINT DATA					
PNT. LOCATION	LATITUDE	LONGITUDE	GRND. ELEV.	HEIGHT (AMSL)	
SPOILS AREA OBSTRUCTION HGT. ③	N. 41° 20' 56.68"	W. 89° 09' 04.81"	645.25	660.25	
(S)TAXIWAY "A" BARRICADE ⑩	N. 41° 20' 57.62"	W. 89° 09' 5.79"	647.70	650.20	
(N)TAXIWAY "A" BARRICADES ⑪	N. 41° 21' 12.47"	W. 89° 09' 5.81"	648.40	650.90	
(E)TAXIWAY "E" BARRICADE ⑫	N. 41° 21' 21.03"	W. 89° 09' 7.78"	649.70	652.20	
SPOILS AREA OBSTRUCTION HGT. ⑬	N. 41° 20' 59.94"	W. 89° 09' 4.55"	646.00	661.00	
SPOILS AREA OBSTRUCTION HGT. ⑭	N. 41° 20' 36.55"	W. 89° 48' 21.50"	645.00	660.00	
STORAGE AREA OBSTRUCTION HGT. ⑮	N. 41° 21' 11.06"	W. 89° 08' 56.11"	650.00	680.00	
(W)TAXIWAY "D" BARRICADE ⑯	N. 41° 21' 9.16"	W. 89° 09' 7.89"	650.10	652.60	

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

CONSTRUCTION SEQUENCE & SAFETY

PHASE 3 AREA:

- A. MOVE TRAFFIC CONTROL BARRICADES TO PHASE 3 LOCATIONS.
- B. CONSTRUCT REMAINING NEW TAXIWAY "A" COMPLETE WITH EARTHWORK, SUB-BASE, PAVING, EDGE LIGHTING, AND SEEDING / FERT.

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

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CHECKED BY: CJM				
DATE: 10/17				

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PERU MORRIS ILLINOIS

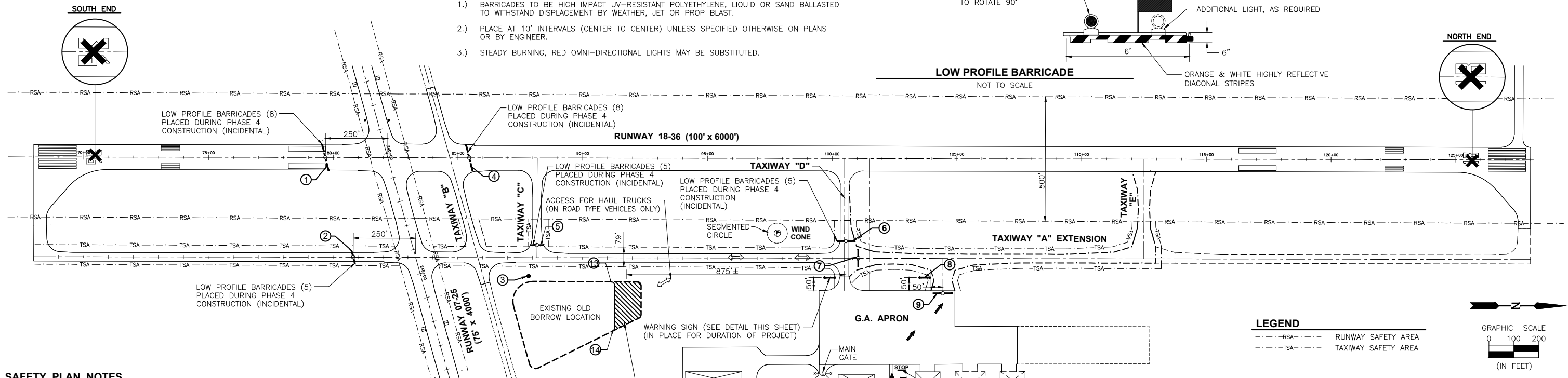
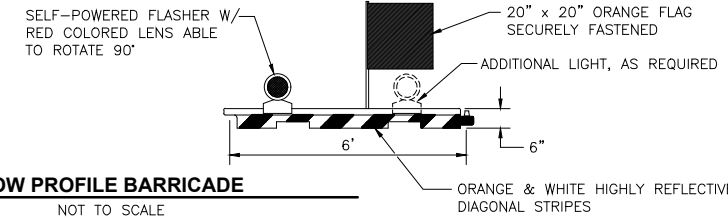
ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
PERU, ILLINOIS

CONSTRUCTION SAFETY PLAN - PHASE 3

CONSTRUCTION PLANS
CURRENT AS OF: 10/17
SCALE: AS NOTED SHEET 4
FILE NO.: 1109.00 Y- OF 31

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.



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 APRONS. 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.

NOTE:

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

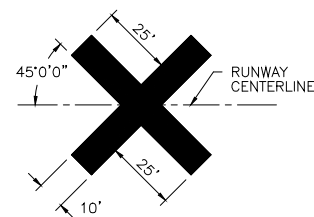


WARNING SIGN DETAIL

NOT TO SCALE

NOTES:

- 1.) CLOSED RUNWAY 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 OVER EXISTING RUNWAY NUMERALS AND AS DIRECTED BY THE ENGINEER.
- 5.) COST OF FURNISHING, INSTALLING, MAINTAINING AND REMOVING MARKERS AND BARRICADES SHALL BE CONSIDERED INCIDENTAL TO CONTRACT. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.



TEMPORARY CLOSED RUNWAY MARKER DETAIL

NOT TO SCALE

CRITICAL POINT DATA

PNT. LOCATION	LATITUDE	LONGITUDE	GRND. ELEV.	HEIGHT (AMSL)
RUNWAY 18-36 BARRICADE ①	N. 41° 20' 48.58"	W. 89° 09' 10.95"	646.74	649.24
RUNWAY 18-36 BARRICADE ②	N. 41° 20' 49.72"	W. 89° 09' 5.71"	645.47	647.75
SPOILS AREA OBSTRUCTION HGT. ③	N. 41° 20' 56.68"	W. 89° 09' 04.81"	645.25	660.25
RUNWAY 18-36 BARRICADE ④	N. 41° 20' 54.28"	W. 89° 09' 11.00"	647.50	648.00
(W)TAXIWAY "C" BARRICADE ⑤	N. 41° 20' 57.00"	W. 89° 09' 6.44"	647.70	650.20
(W)TAXIWAY "D" BARRICADE ⑥	N. 41° 21' 9.23"	W. 89° 09' 6.80"	649.80	652.30
(S)TAXIWAY "A" BARRICADE ⑦	N. 41° 21' 9.72"	W. 89° 09' 5.93"	649.50	652.00
(E)TAXIWAY "D" WARNING SIGN ⑧	N. 41° 21' 17.34"	W. 89° 09' 05.99"	649.40	651.90
RUNWAY 18-36 BARRICADE ⑨	N. 41° 21' 13.09"	W. 89° 09' 4.11"	650.50	653.00
SPOILS AREA OBSTRUCTION HGT. ⑬	N. 41° 20' 59.94"	W. 89° 09' 4.55"	646.00	661.00
SPOILS AREA OBSTRUCTION HGT. ⑭	N. 41° 20' 36.55"	W. 89° 48' 21.50"	645.00	660.00
STORAGE AREA OBSTRUCTION HGT. ⑮	N. 41° 21' 11.06"	W. 89° 08' 56.11"	650.00	680.00

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

CONSTRUCTION SEQUENCE & SAFETY

PHASE 4 AREA:

- A. MOVE TRAFFIC CONTROL BARRICADES TO PHASE 4 LOCATIONS.
- B. CLOSE RUNWAY 18/36 INCLUDING TURNING OFF RUNWAY LIGHTING SYSTEM.
- C. CLEAN ALL PAVEMENTS AND COMPLETE ALL PAVEMENT MARKINGS FOR THE ENTIRE PROJECT. REMOVE CONSTRUCTION SIGNAGE AND ANY REMAINING DEBRIS. THE CONTRACTOR SHALL OPEN RUNWAY 18/36 AT THE CLOSE OF EACH DAY. THE CONTRACTOR SHALL REMOVE ALL EQUIPMENT AND MATERIAL FROM THE RSA AND TSA, CLEAN AND REMOVE DEBRIS FROM THE WORK AREA. APPROVAL FROM THE AIRPORT MANAGER TO REMOVE RUNWAY TRAFFIC CONTROL DEVICES SHALL BE OBTAINED PRIOR TO DOING SO. THE CONTRACTOR SHALL LIMIT THE DURATION TO COMPLETE THE PAVEMENT MARKING TO 3 WORKING DAYS MAXIMUM.
- D. RE-OPEN ALL TAXIWAYS.
- E. REMOVE ALL REMAINING BARRICADES, DEBRIS, EQUIPMENT, AND ALL OTHER OBJECTS FROM RSA.
- F. TURN ON RUNWAY 18/36 LIGHTING SYSTEM AND OPEN RUNWAY 18/36.
- G. PLACE SEED & FERTILIZER AT EXCESS SOIL DUMP SITE.

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

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Drawing Name: H:\A\08\1\PERU AIRPORT\1109-00-Peru-NRA-Taxiway-Extension-Northward\0AD\C3D\Final Plans (revised 5-26-17 - Morris)\005-SAFETY PHASE 4.dwg Last Modified: Jan 17, 2018 - 4:14pm by camyng
Drawing No: 1109-00-Peru-NRA-Taxiway-Extension-Northward\0AD\C3D\Final Plans (revised 5-26-17 - Morris)\005-SAFETY PHASE 4.dwg Last Modified: Jan 17, 2018 - 4:14pm by camyng

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CHECKED BY: CJM	LEVEL	BY	DATE	DESCRIPTION
DATE: 10/17				

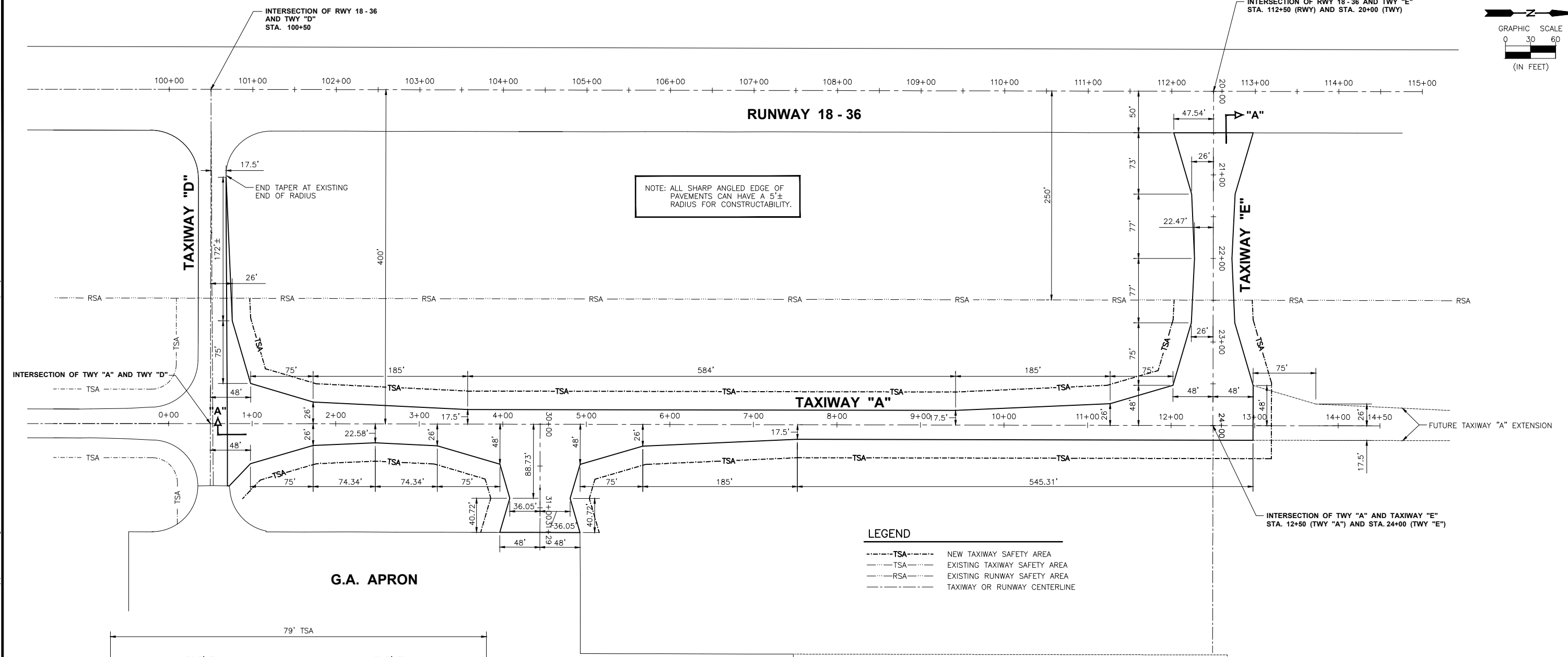
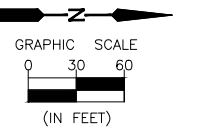
CHAMLIN & ASSOCIATES, INC.

PERU MORRIS
ILLINOIS

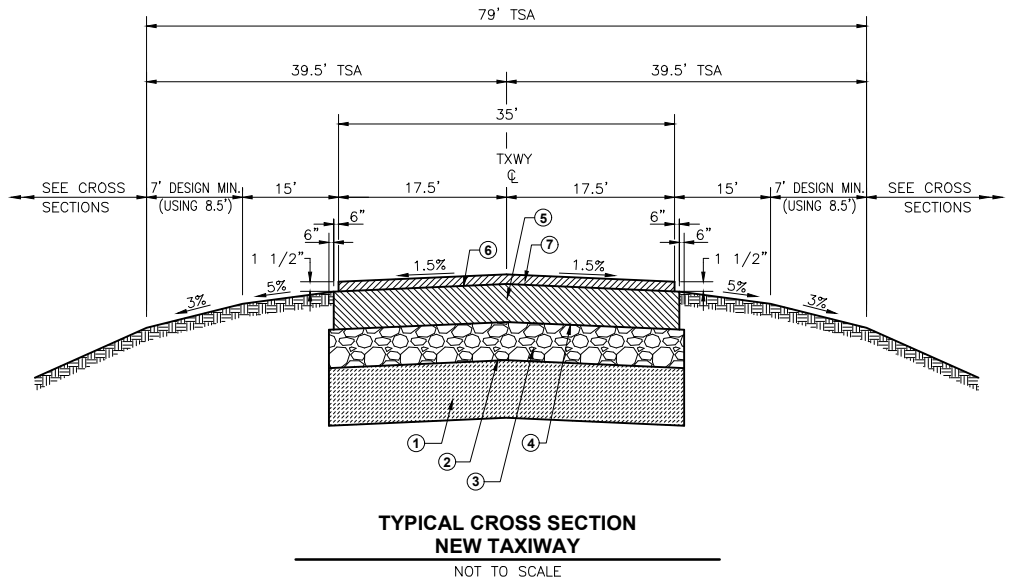
**ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
PERU, ILLINOIS**

**CONSTRUCTION SAFETY PLAN - PHASE 4
CONSTRUCTION PLANS**

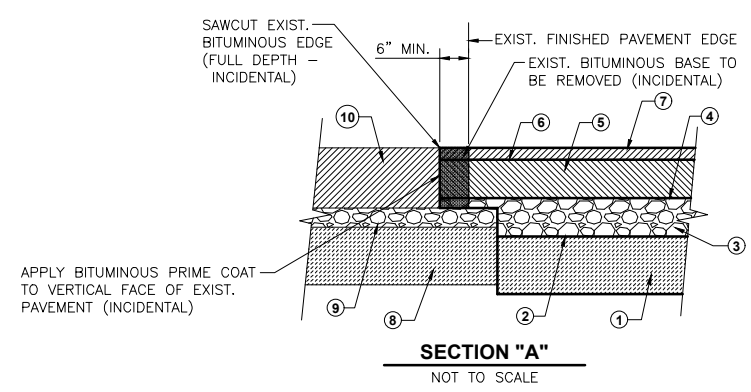
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- LEGEND**
- TSA --- NEW TAXIWAY SAFETY AREA
 - TSA --- EXISTING TAXIWAY SAFETY AREA
 - RSA --- EXISTING RUNWAY SAFETY AREA
 - --- TAXIWAY OR RUNWAY CENTERLINE



- LEGEND (TYPICAL CROSS SECTION)**
- ① MIN. 12" HORIZON "B"
 - ② FABRIC FOR GROUND STABILIZATION
 - ③ CRUSHED AGGREGATE BASE COURSE (P-209), 8" DEPTH
 - ④ BITUMINOUS PRIME COAT (602) (0.35 GAL. PER SQ. YD. - 50/50)
 - ⑤ BITUMINOUS BASE COURSE (P-403), 8" DEPTH
 - ⑥ BITUMINOUS TACK COAT (603) (0.10 GAL. PER SQ. YD. - 50/50)
 - ⑦ BITUMINOUS SURFACE COURSE (P-401), 2 1/2" DEPTH
 - ⑧ EXIST. 12" HORIZON "B"
 - ⑨ EXIST. CRUSHED AGGREGATE BASE COURSE (209), 4" DEPTH
 - ⑩ EXIST. BITUMINOUS BASE COURSE, 12 1/2"± DEPTH



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

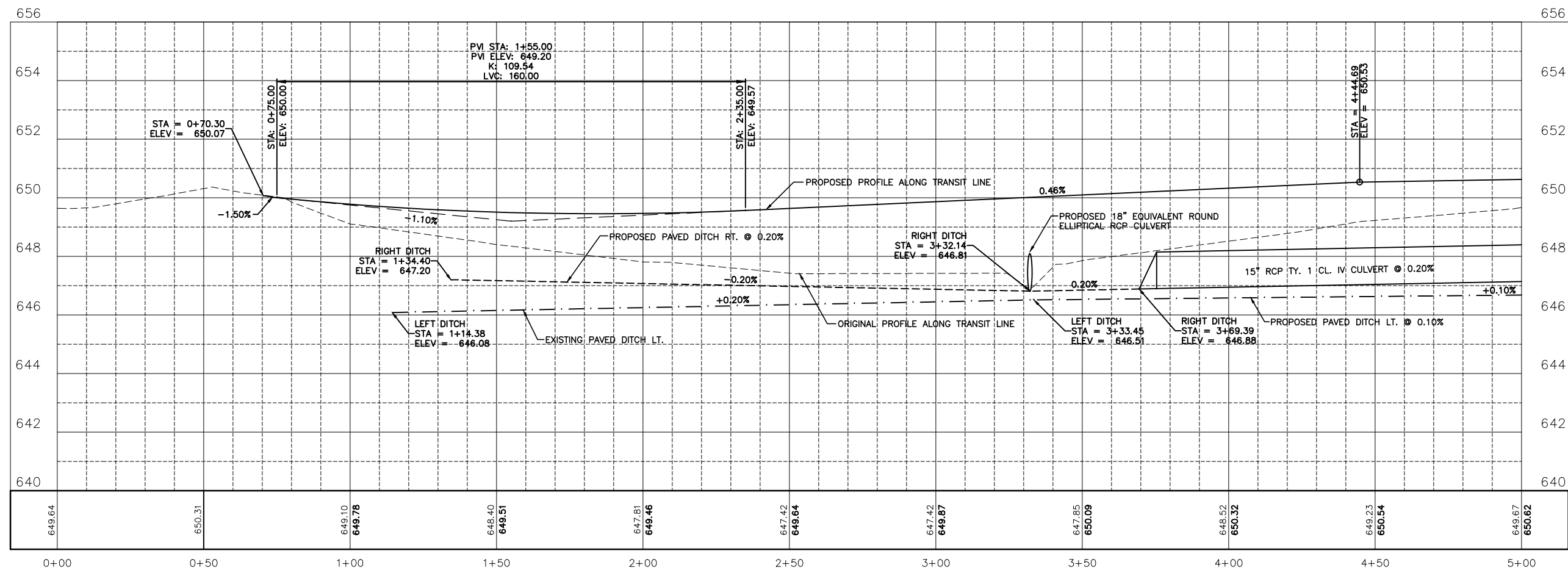
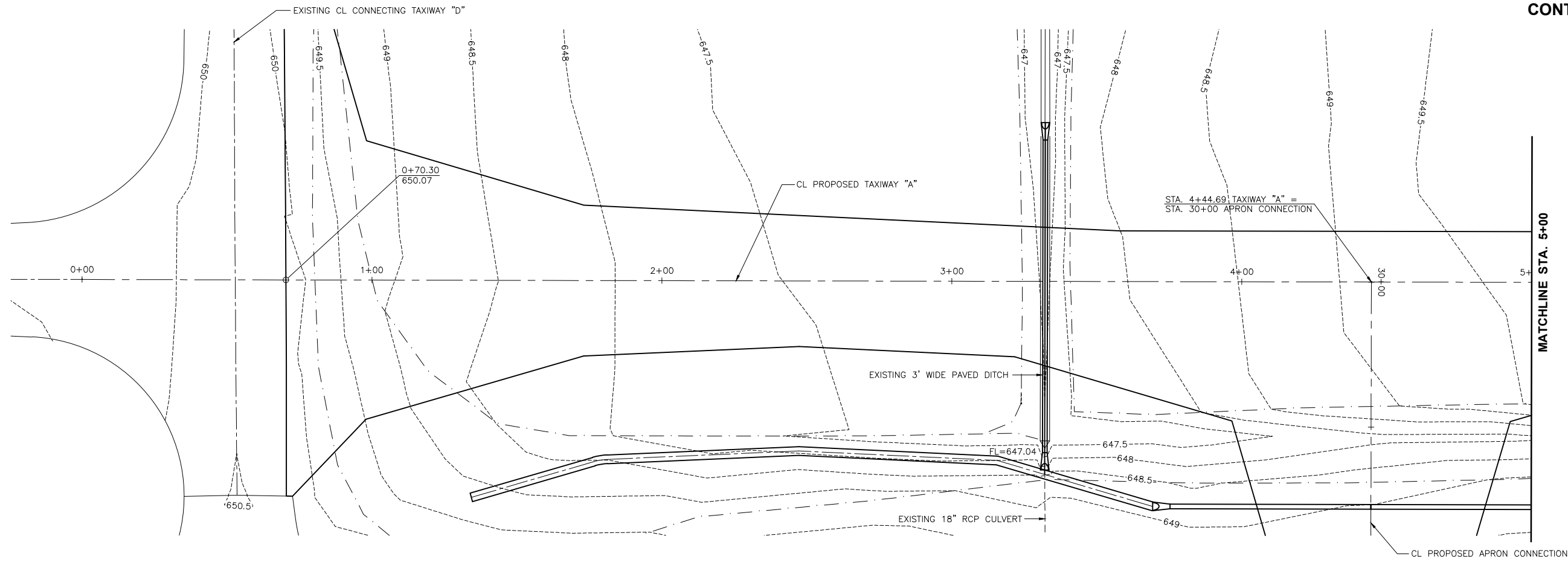
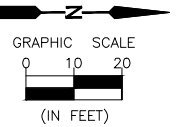
**DIMENSIONAL LAYOUT PLAN
 AND TYPICAL CROSS SECTIONS**

CONSTRUCTION PLANS

CURRENT AS OF: 10/17

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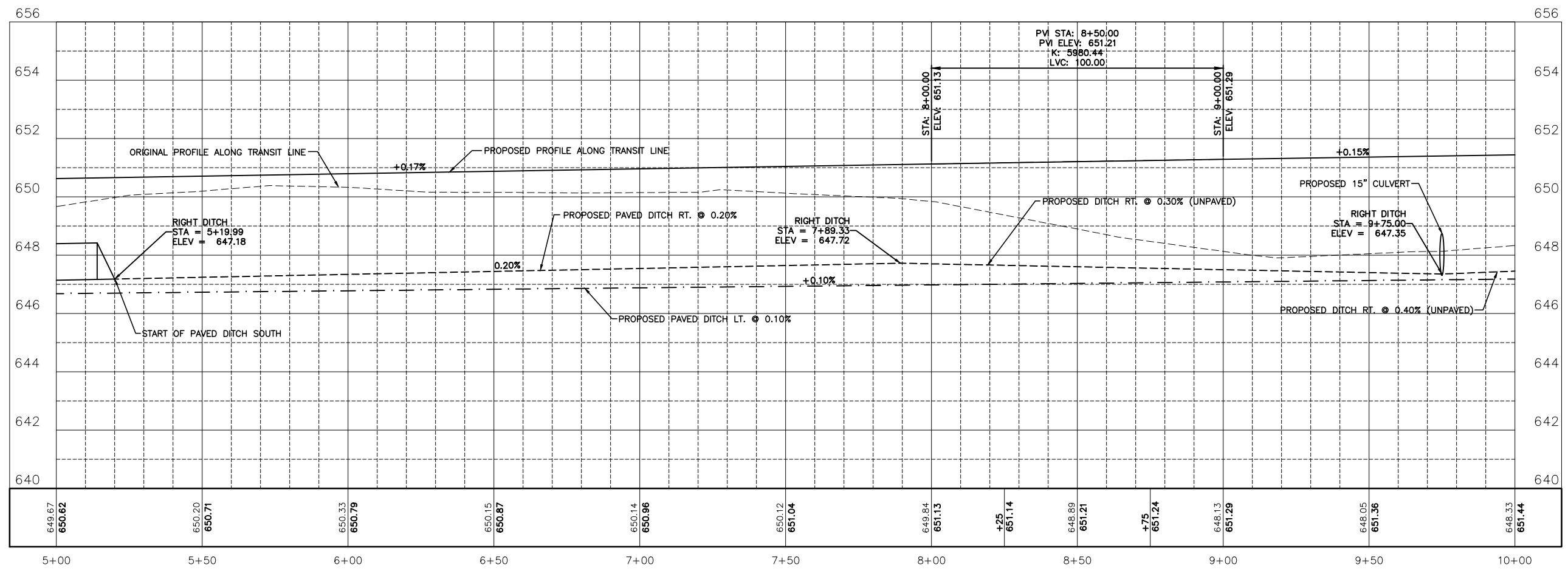
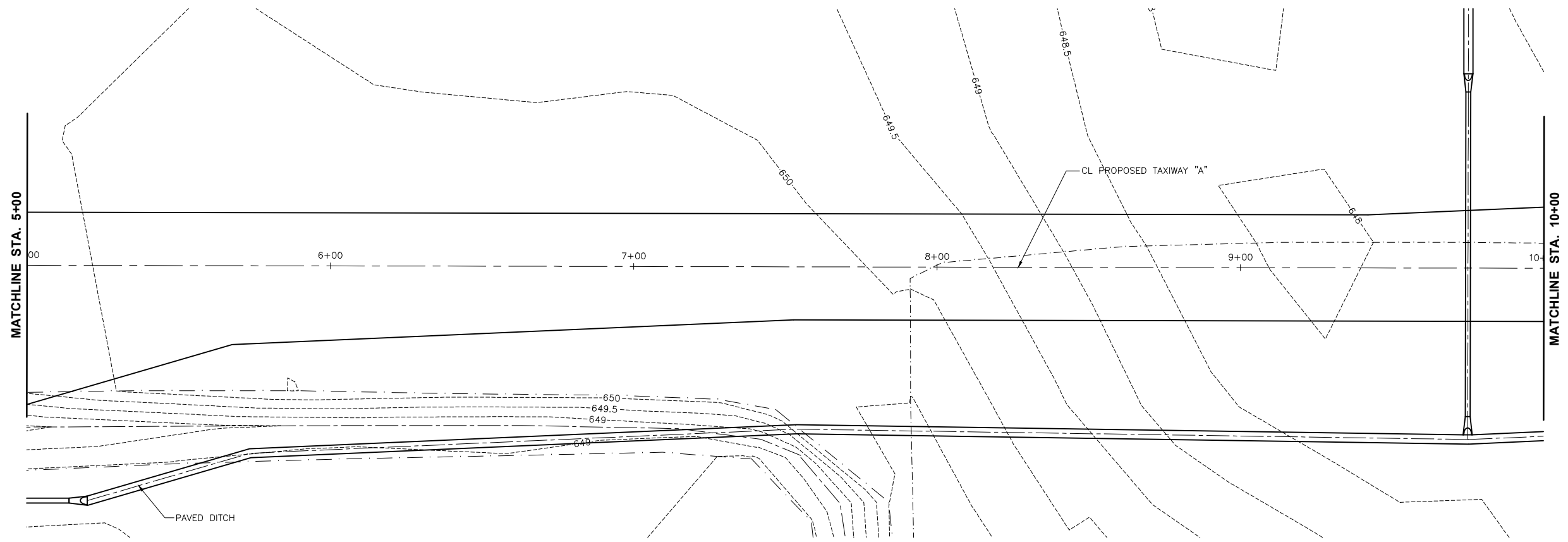
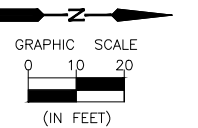


ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
PERU, ILLINOIS

TAXIWAY "A" PLAN AND PROFILE
STA. 0+00 TO STA. 5+00

CONSTRUCTION
PLANS

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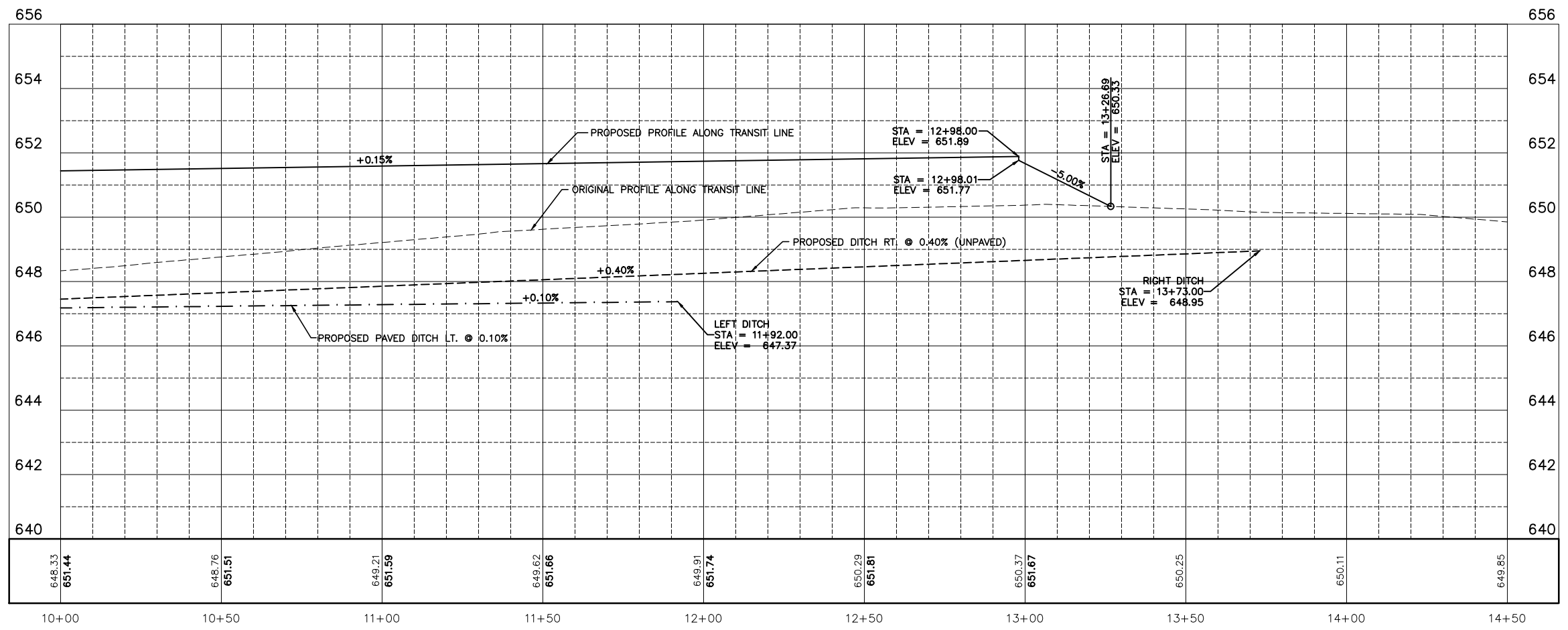
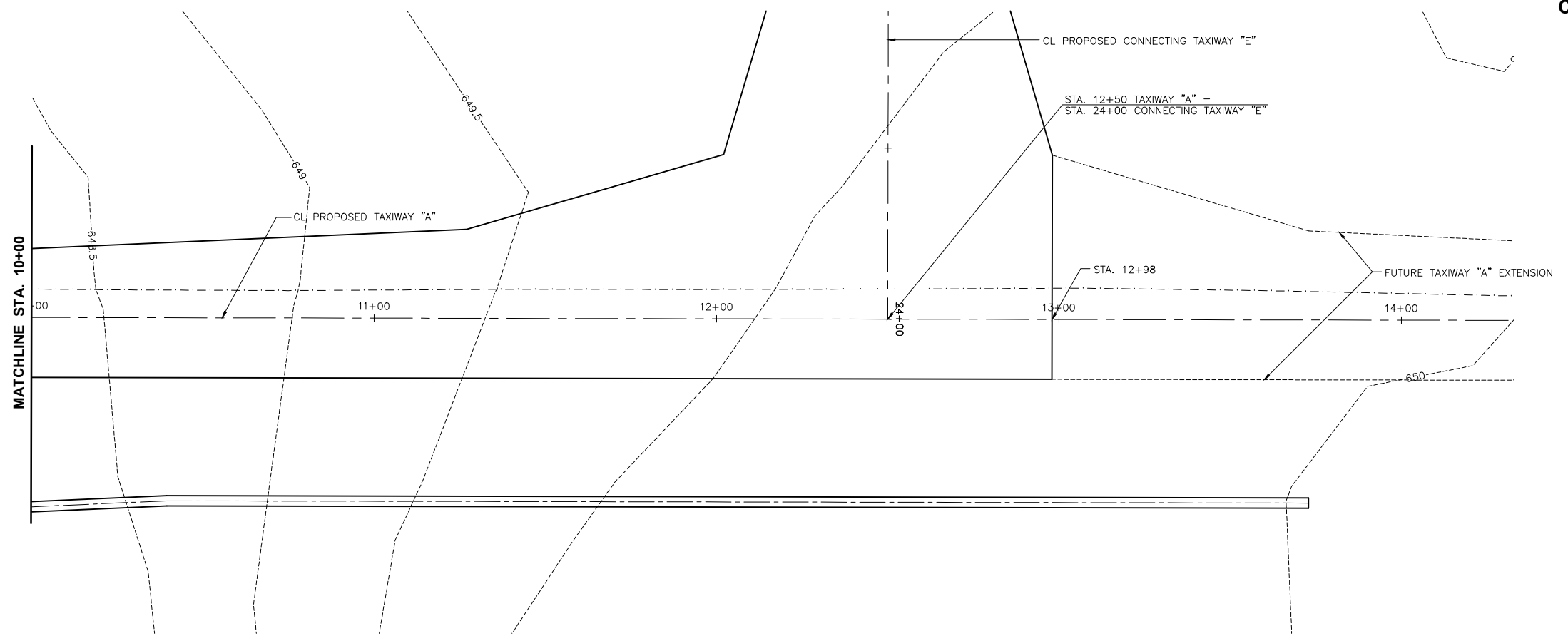
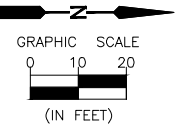
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ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
PERU, ILLINOIS

TAXIWAY "A" PLAN AND PROFILE
STA. 5+00 TO STA. 10+00

CONSTRUCTION PLANS

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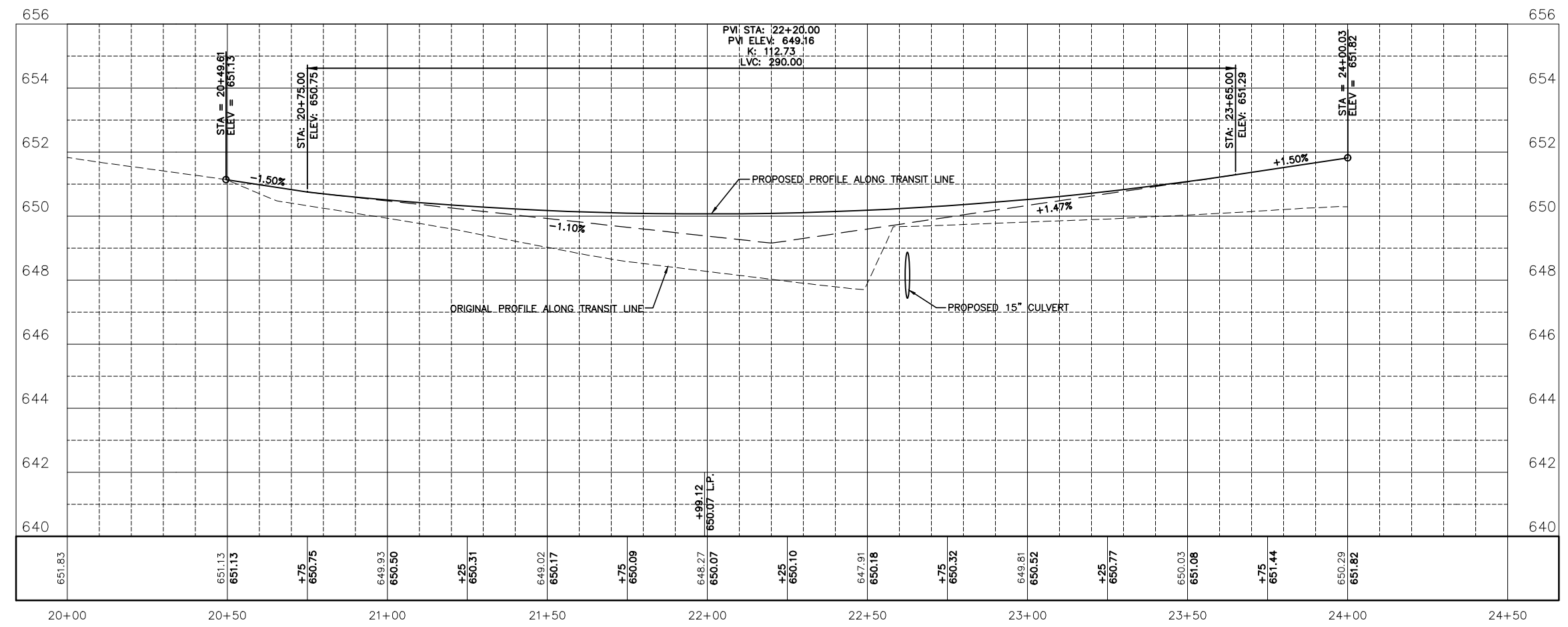
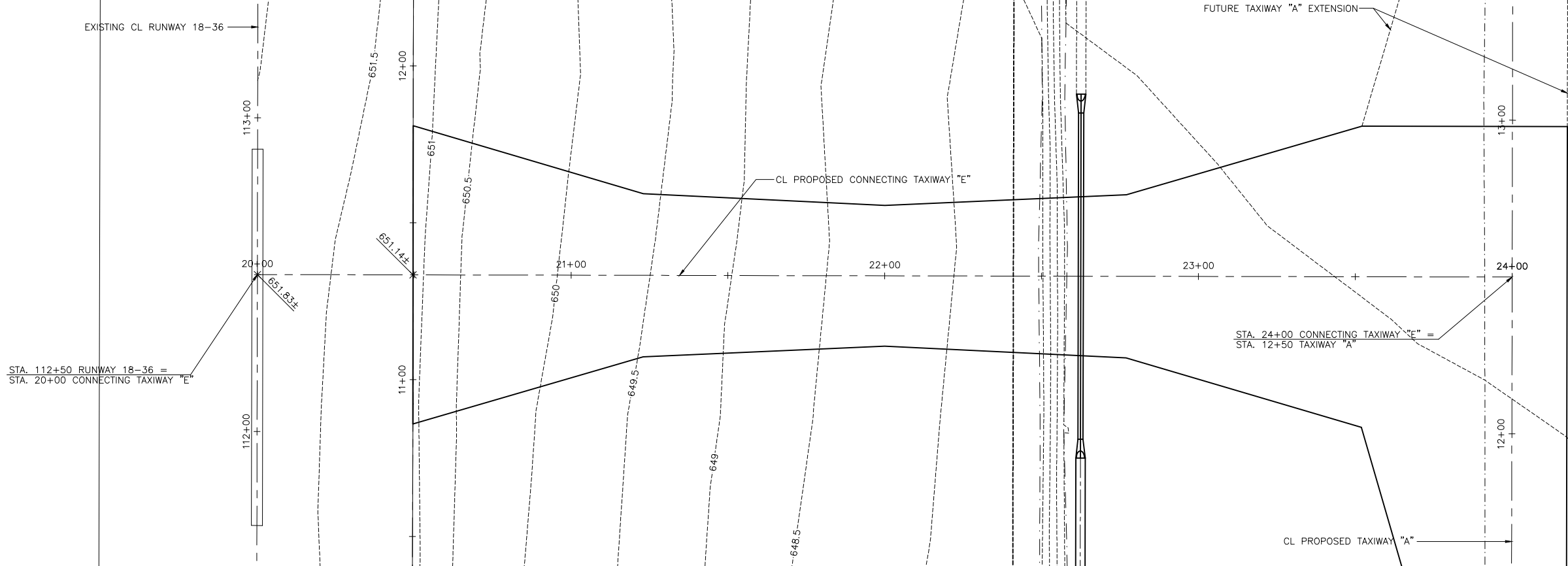
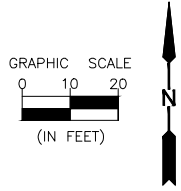
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PARTIAL PARALLEL TAXIWAY EXTENSION
 PERU, ILLINOIS

TAXIWAY "A" PLAN AND PROFILE
 STA. 10+00 TO STA. 13+50

CONSTRUCTION PLANS

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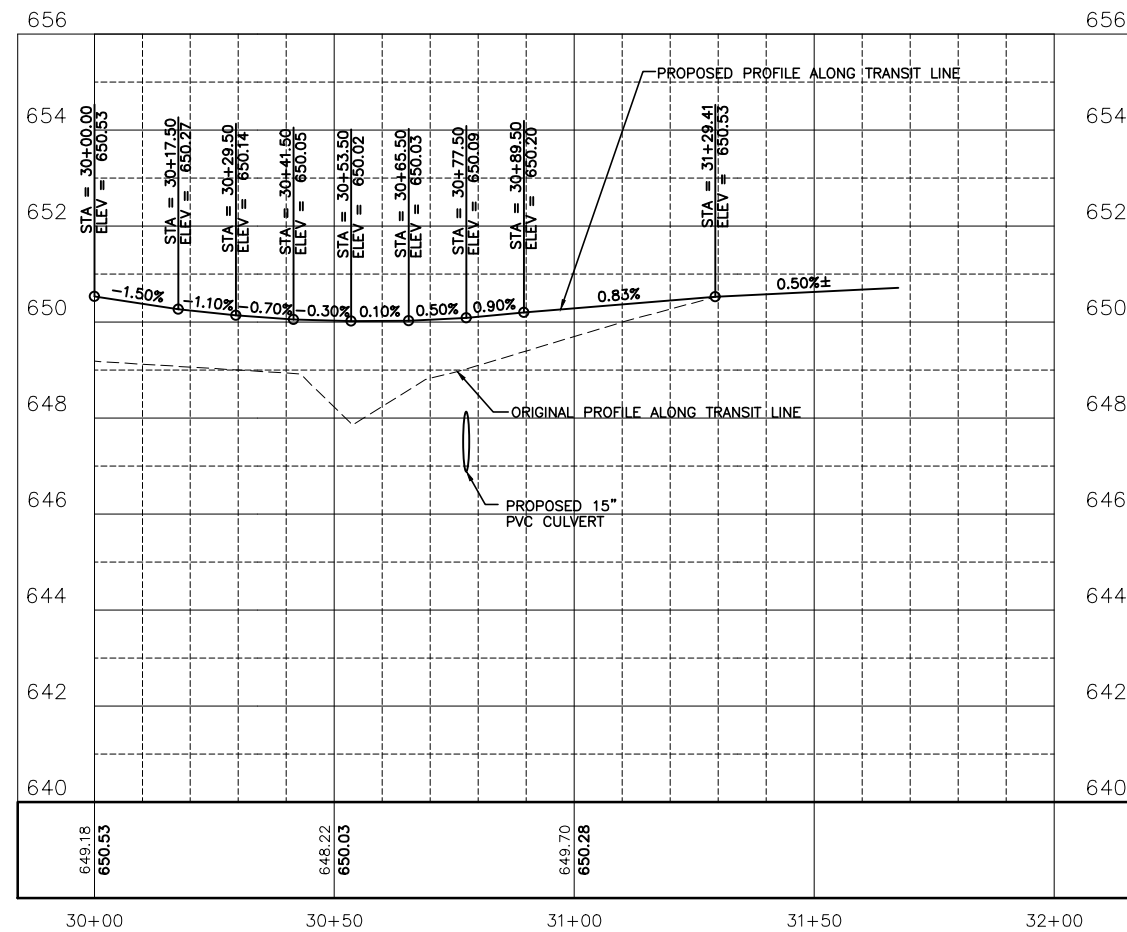
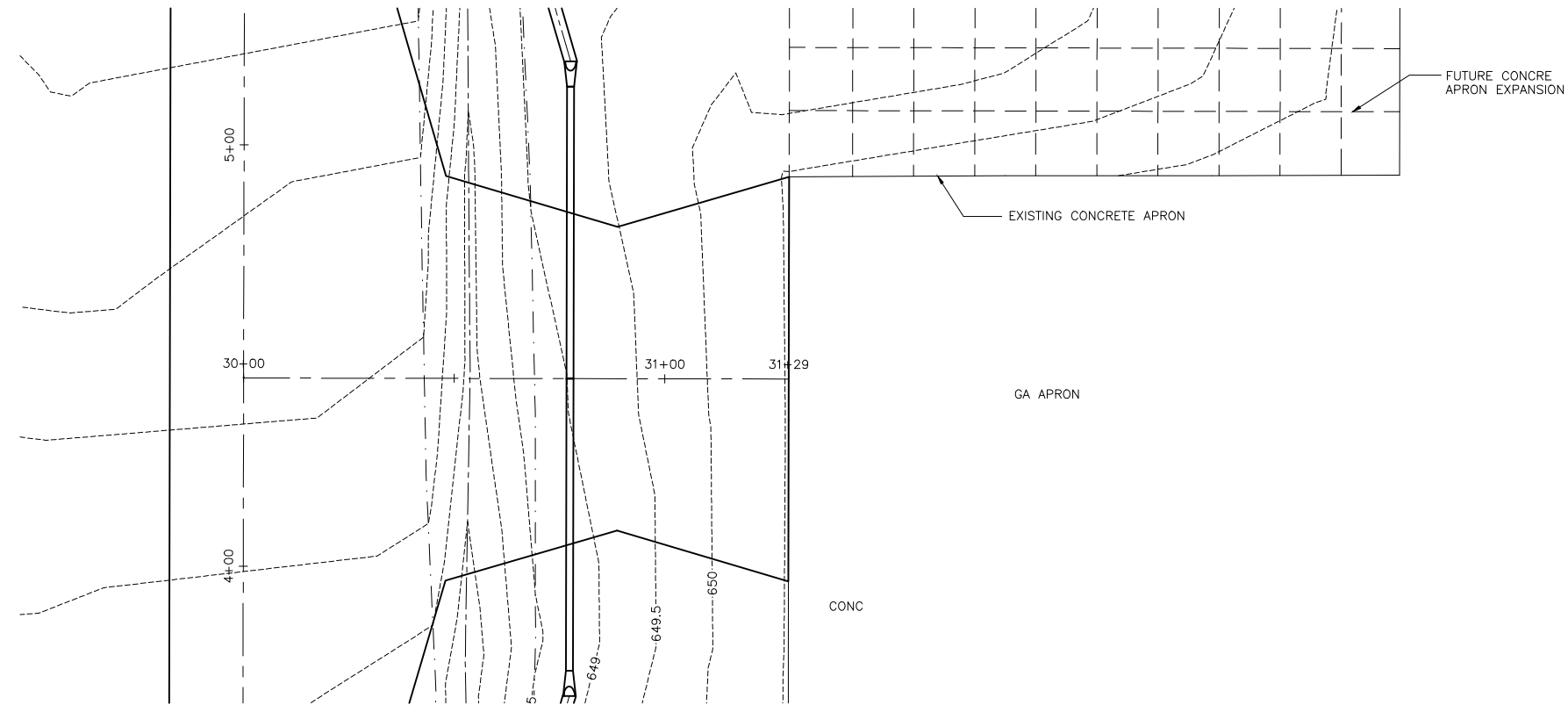
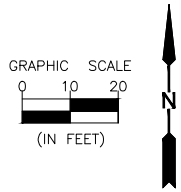
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ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
PERU, ILLINOIS

TAXIWAY "E" PLAN AND PROFILE
STA. 20+00 TO STA. 24+00

CONSTRUCTION
PLANS

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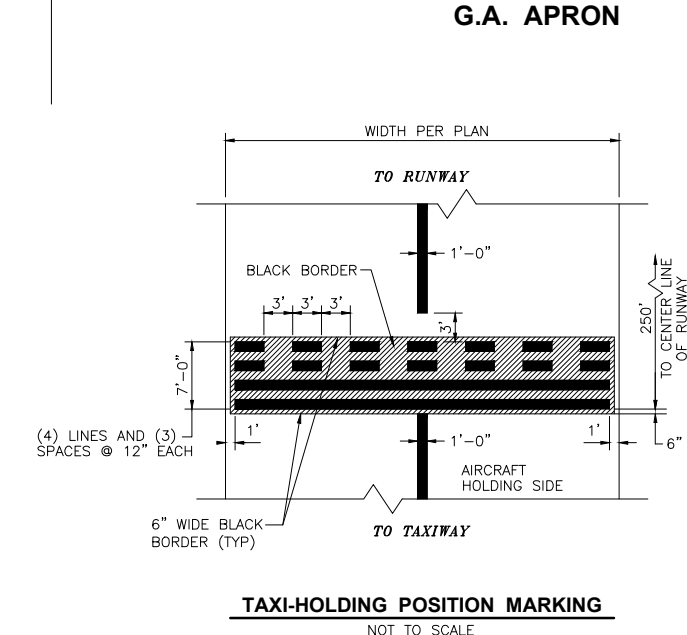
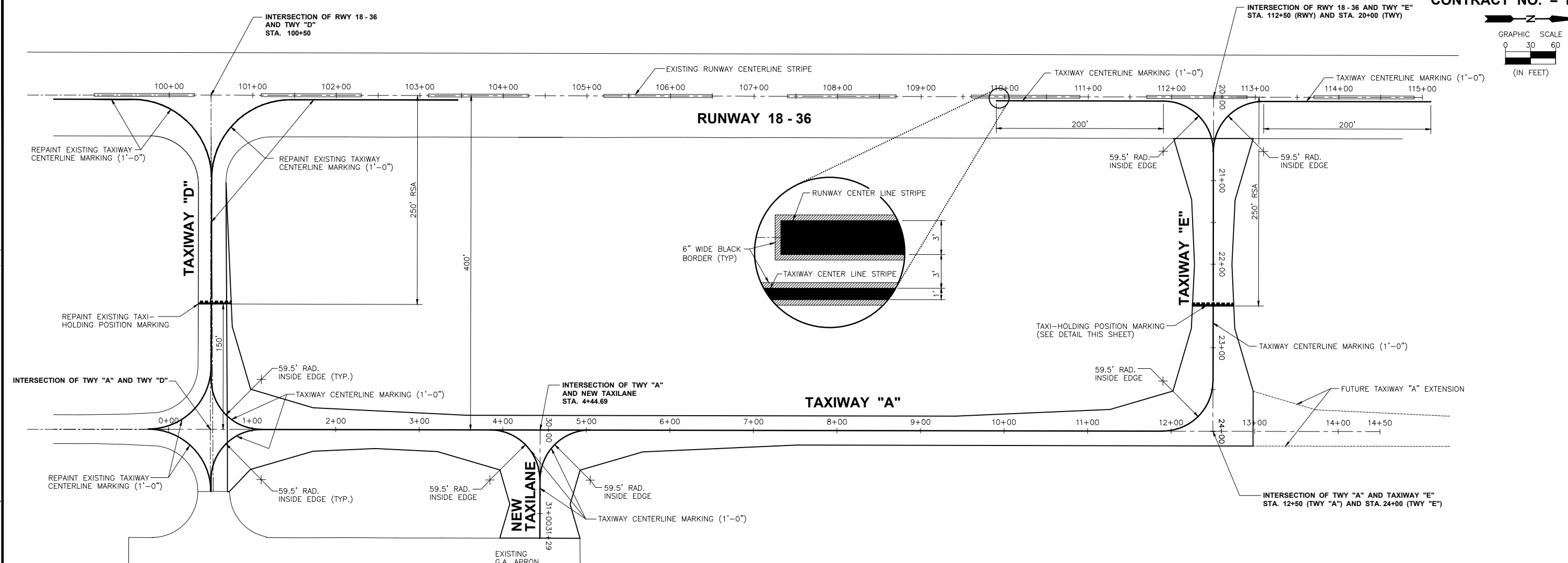
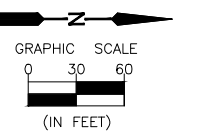
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ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
 PERU, ILLINOIS

G.A. APRON CONNECTION

CONSTRUCTION PLANS

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- 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. TAXIWAY "D" AND RUNWAY 18-36 CONSIST OF POROUS FRICTION COURSE SURFACE AND WILL REQUIRE ONE COAT IN EACH DIRECTION (TWO COATS TOTAL.) ALL OTHER SURFACES REQUIRE ONLY ONE COAT.
 5. APPLY REFLECTIVE MEDIA ON ALL PAINTED SURFACES EXCEPT ON THE BLACK BORDER.

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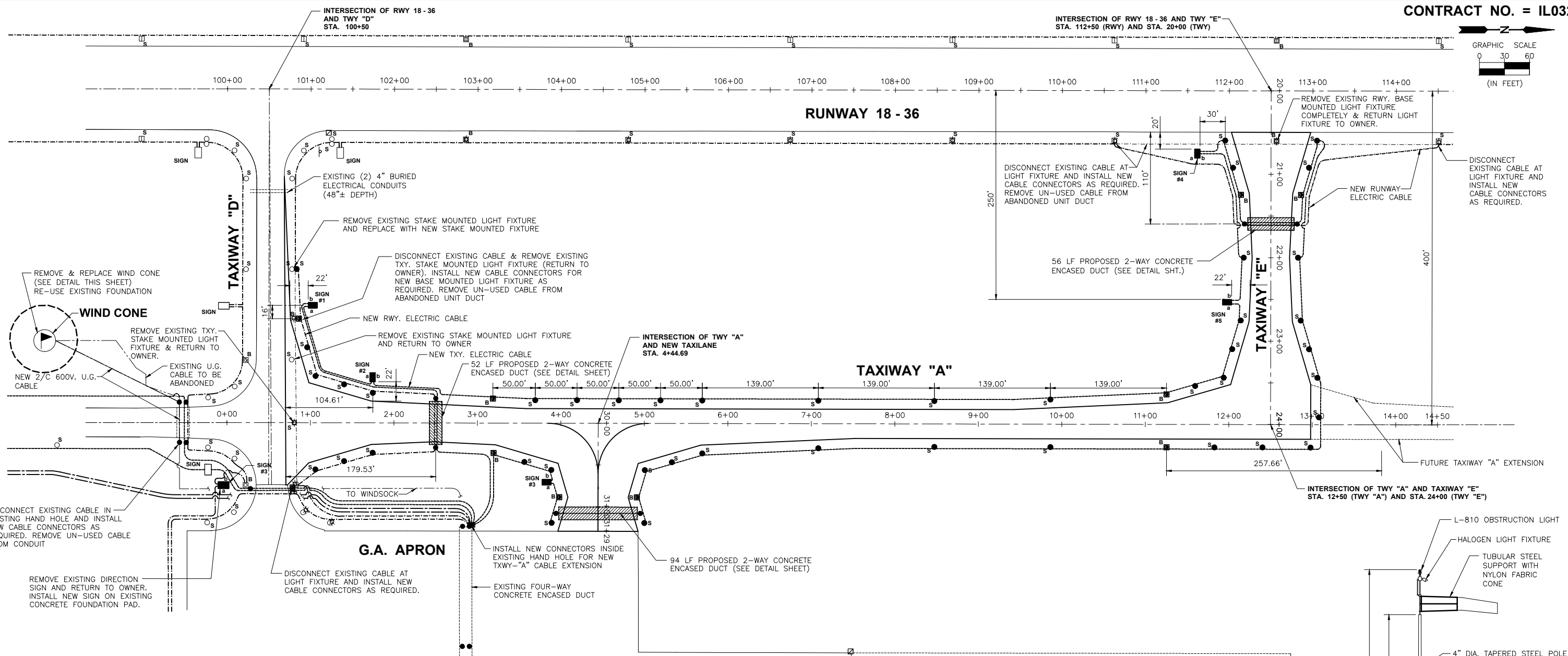
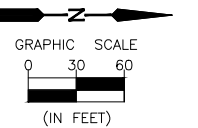
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ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
 PERU, ILLINOIS

PAVEMENT MARKING PLAN
AND DETAILS

CONSTRUCTION
PLANS

CURRENT AS OF: 10/17	
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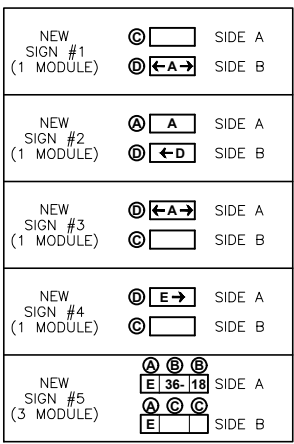
LEGEND

- 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)
- SIGN
- SIGN

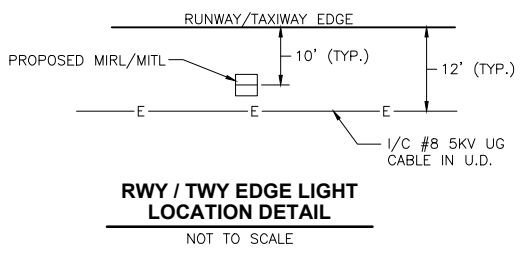
- Ⓐ YELLOW LETTERS / BLACK BACKGROUND
- Ⓑ WHITE LETTERS / RED BACKGROUND
- Ⓒ BLANK FACE - BLACK IN COLOR
- Ⓓ BLACK LETTERS / YELLOW BACKGROUND

- 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 PANELS TAXIWAY GUIDANCE SIGNS

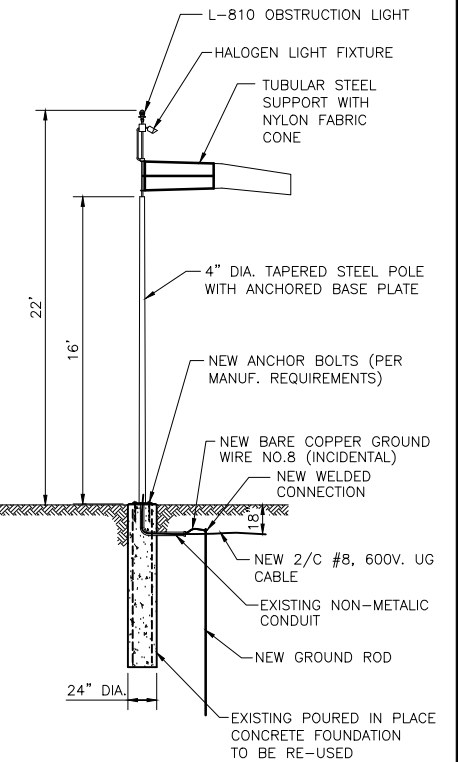


FUTURE APRON EXPANSION



WIND CONE NOTE:

- 1.) EXTERNALLY LIGHTED WITH HALOGEN LAMP FIXTURE.
- 2.) PROVIDE L-810 INCANDESCENT OBSTRUCTION LIGHT.
- 3.) 18" x 8' LONG NYLON WIND SOCK.
- 4.) CENTER-MOUNTED BRAKE FOR 1-PERSON MAINTENANCE.
- 5.) CENTER-HINGED, 4" DIA. STEEL POLE (BTM) AND 3" DIA. (TOP).
- 6.) POWDER COAT PAINTED INTERNATIONAL ORANGE.
- 7.) CONTRACTOR TO PROVIDE A 30 AMP WEATHERPROOF BLADE TYPE DISCONNECT SWITCH IN A LOCKABLE BOX LOCATED 4' ABOVE FINISHED GRADE TO ISOLATE POWER TO WIND CONE FROM POWER SOURCE.
- 8.) INSTALL WEATHERPROOF OUTLET ON LINE SIDE OF BLADE SWITCH.



PROPOSED (L-807) WIND CONE DETAIL

NOT TO SCALE

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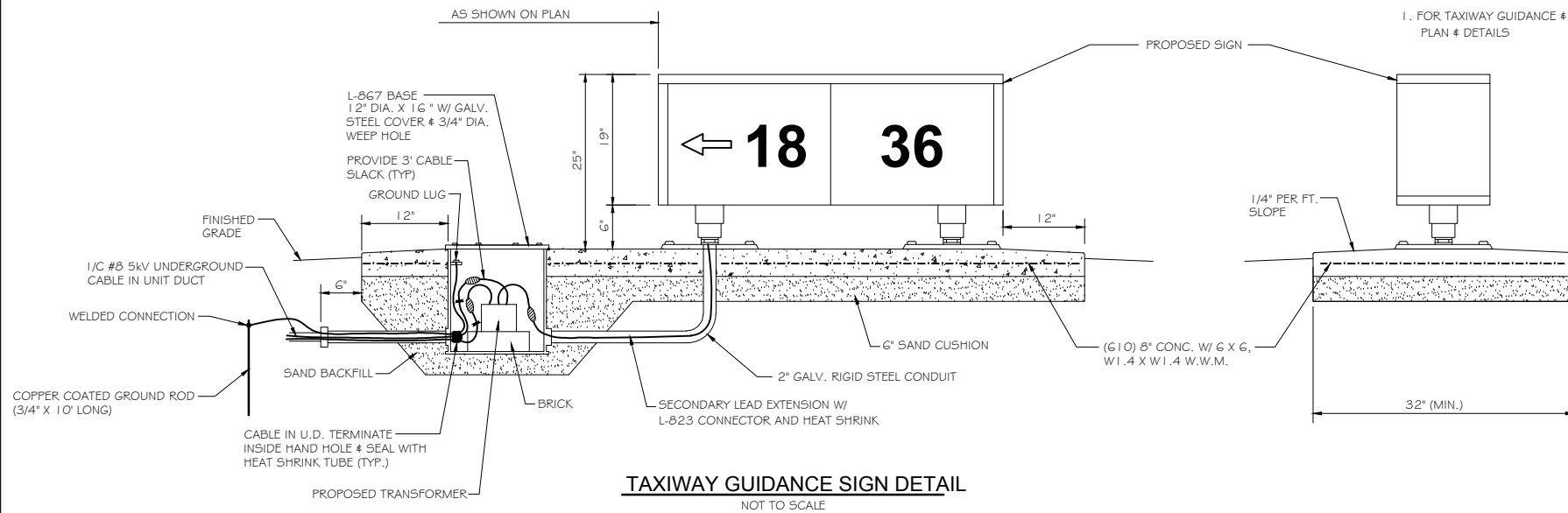
ILLINOIS VALLEY REGIONAL AIRPORT PARTIAL PARALLEL TAXIWAY EXTENSION PERU, ILLINOIS

ELECTRICAL LIGHTING PLAN AND DETAILS

CONSTRUCTION PLANS	CURRENT AS OF: 10/17	SHEET 13
	SCALE: AS NOTED	OF 31
	FILE NO.: 1109.00	

NOTE: (TAXIWAY GUIDANCE & RUNWAY SIGNS)

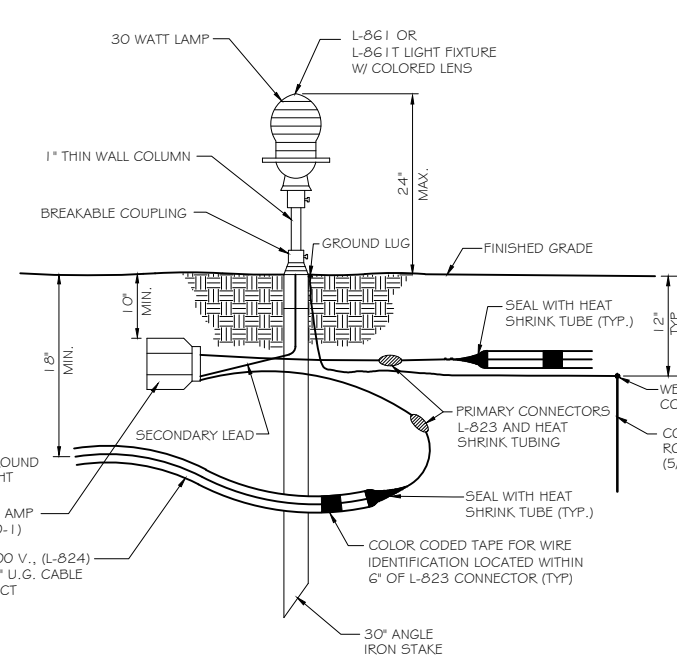
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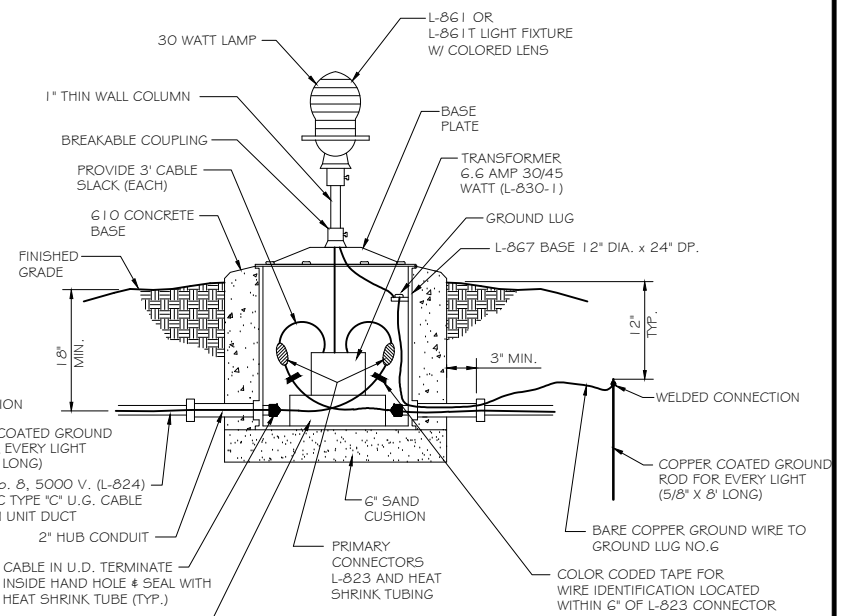
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1. BREAKING GROOVE OR BREAKABLE COUPLINGS SHALL NOT EXCEED 1-1/2\"/>

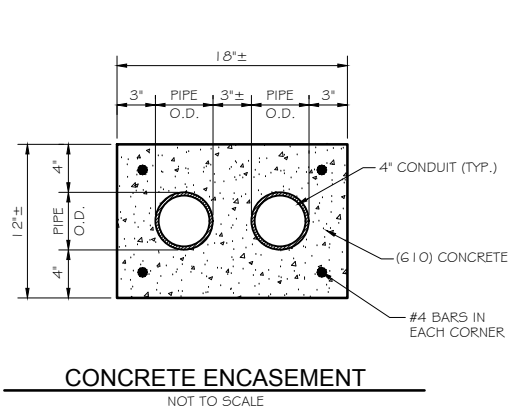
TAXIWAY GUIDANCE SIGN DETAIL
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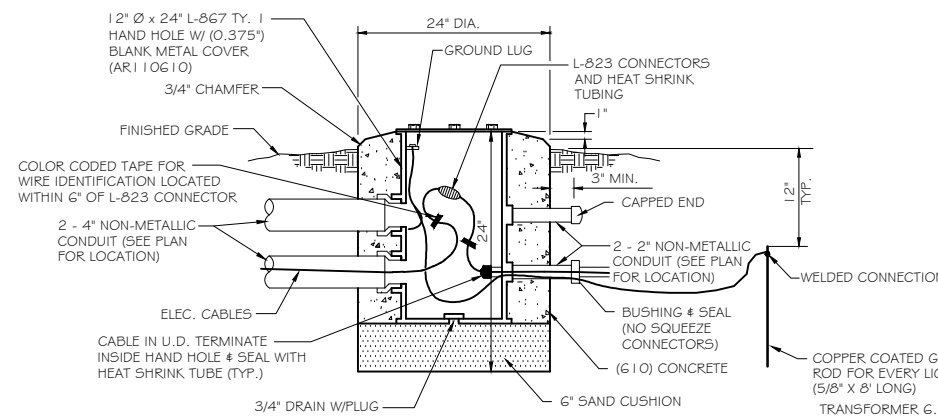
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MEDIUM INTENSITY LIGHT BASE MOUNTED
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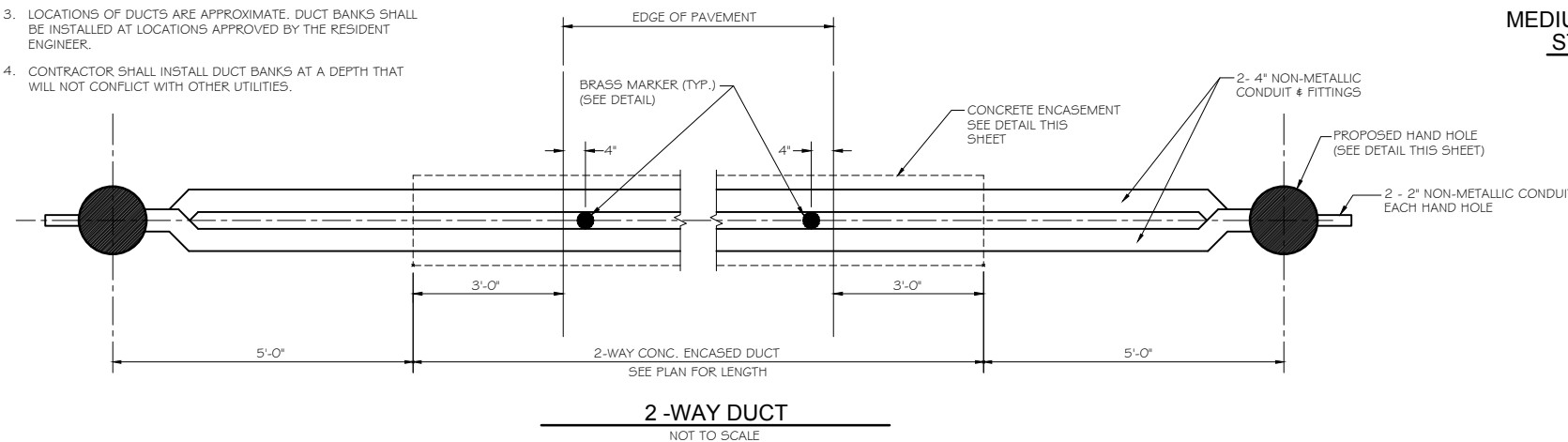
CONCRETE ENCASEMENT
NOT TO SCALE



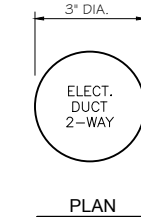
ELECTRICAL HAND HOLE DETAIL
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NOTES: (CONDUIT)

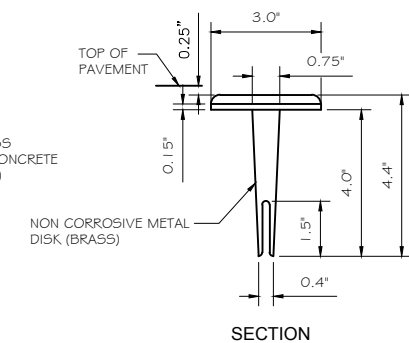
1. TOP OF CONCRETE ENCASEMENT TO BE NOT LESS THAN 18\"/>



2-WAY DUCT
NOT TO SCALE



PLAN



SECTION

CABLE MARKER BRASS PAVEMENT MARKER DETAIL
NOT TO SCALE

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

ELECTRICAL LIGHTING DETAILS

CONSTRUCTION PLANS
CURRENT AS OF: 10/17
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FILE NO.: 1109.00 Y- OF 31

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.

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.

- (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:

- (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.

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.

- (21) THE TOLERANCE FOR THE LATERAL SPACING (LIGHT LANE TO RUNWAY/TAXIWAY CENTERLINE) OF RUNWAY/TAXIWAY EDGE LIGHTS IS ± ONE (1) INCH. THIS ALSO APPLIES AT INTERSECTIONS TO LATERAL SPACING BETWEEN LIGHTS OF A RUNWAY/TAXIWAY AND THE INTERSECTING RUNWAY/TAXIWAY.
(22) SOIL PERMITTING, THE L-867 BASES SHALL NOT BE PRE-CAST IN CONCRETE. CONCRETE AROUND THE BASES MUST BE USED AS A BACKFILL.

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.

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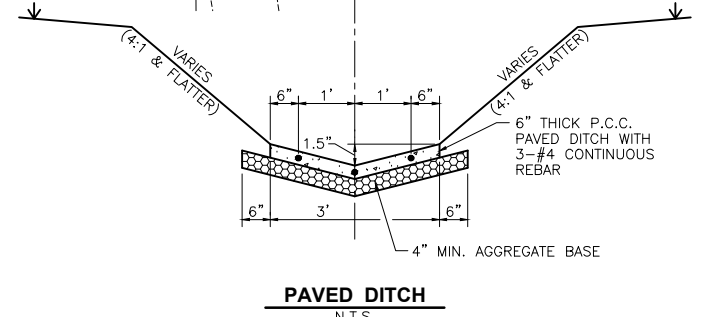
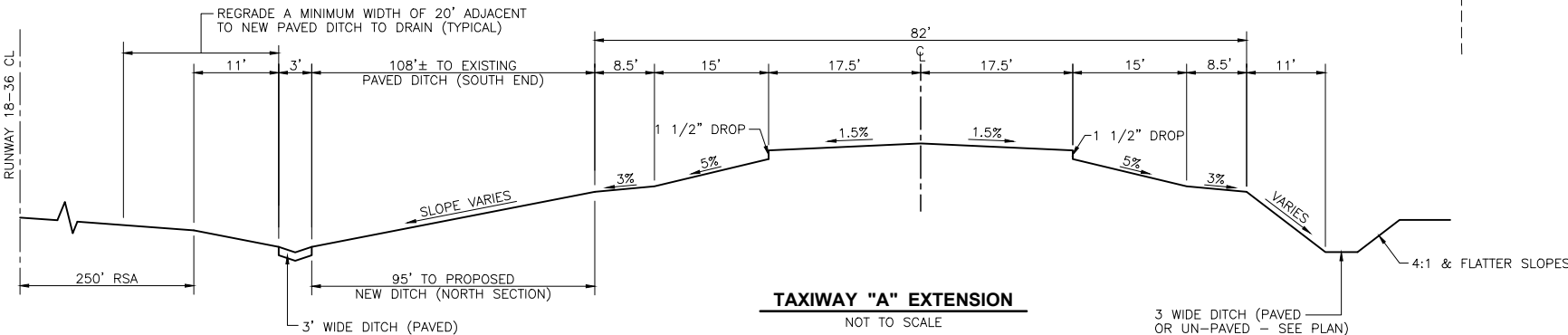
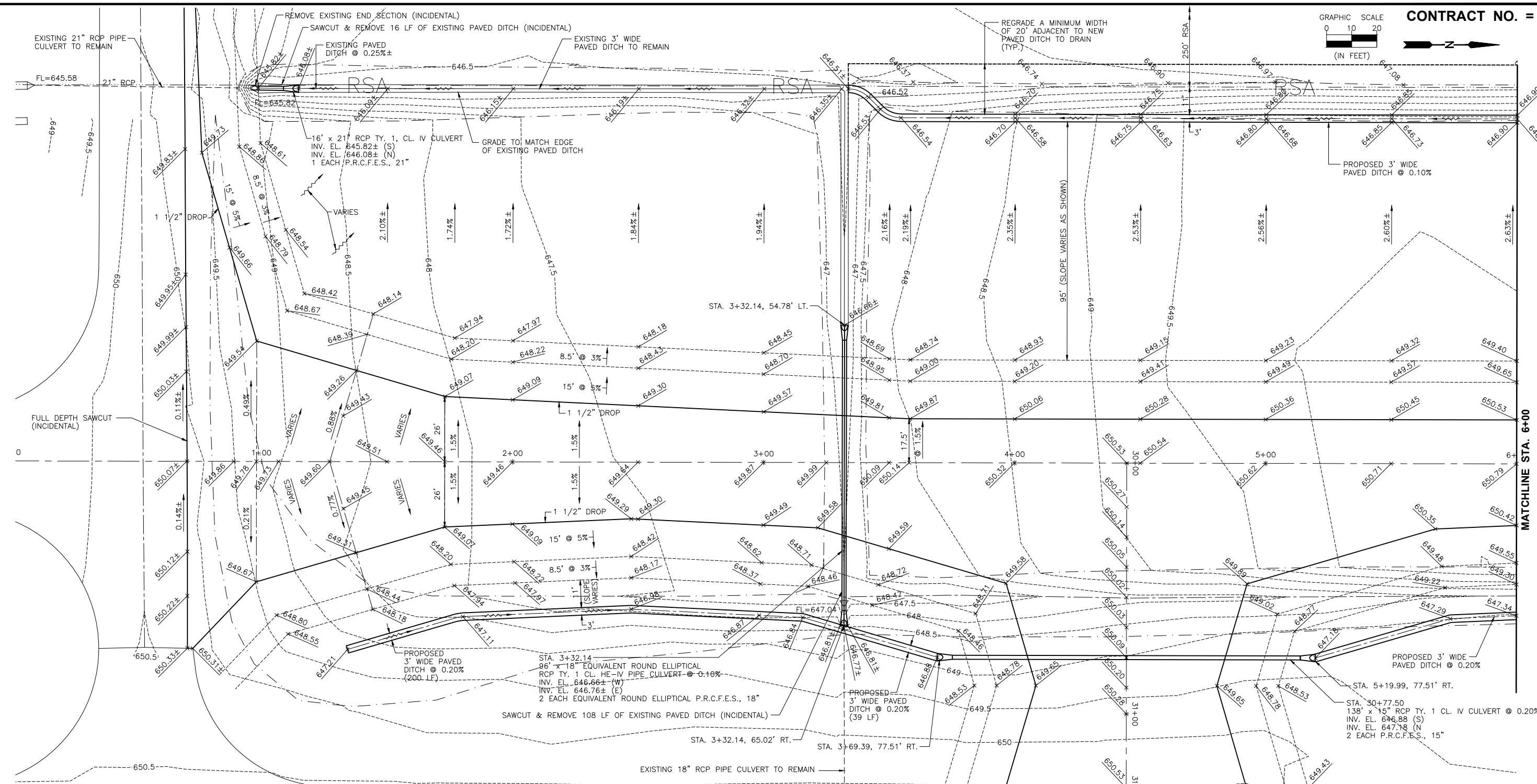
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PARTIAL PARALLEL TAXIWAY EXTENSION
PERU, ILLINOIS

ELECTRICAL NOTES

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

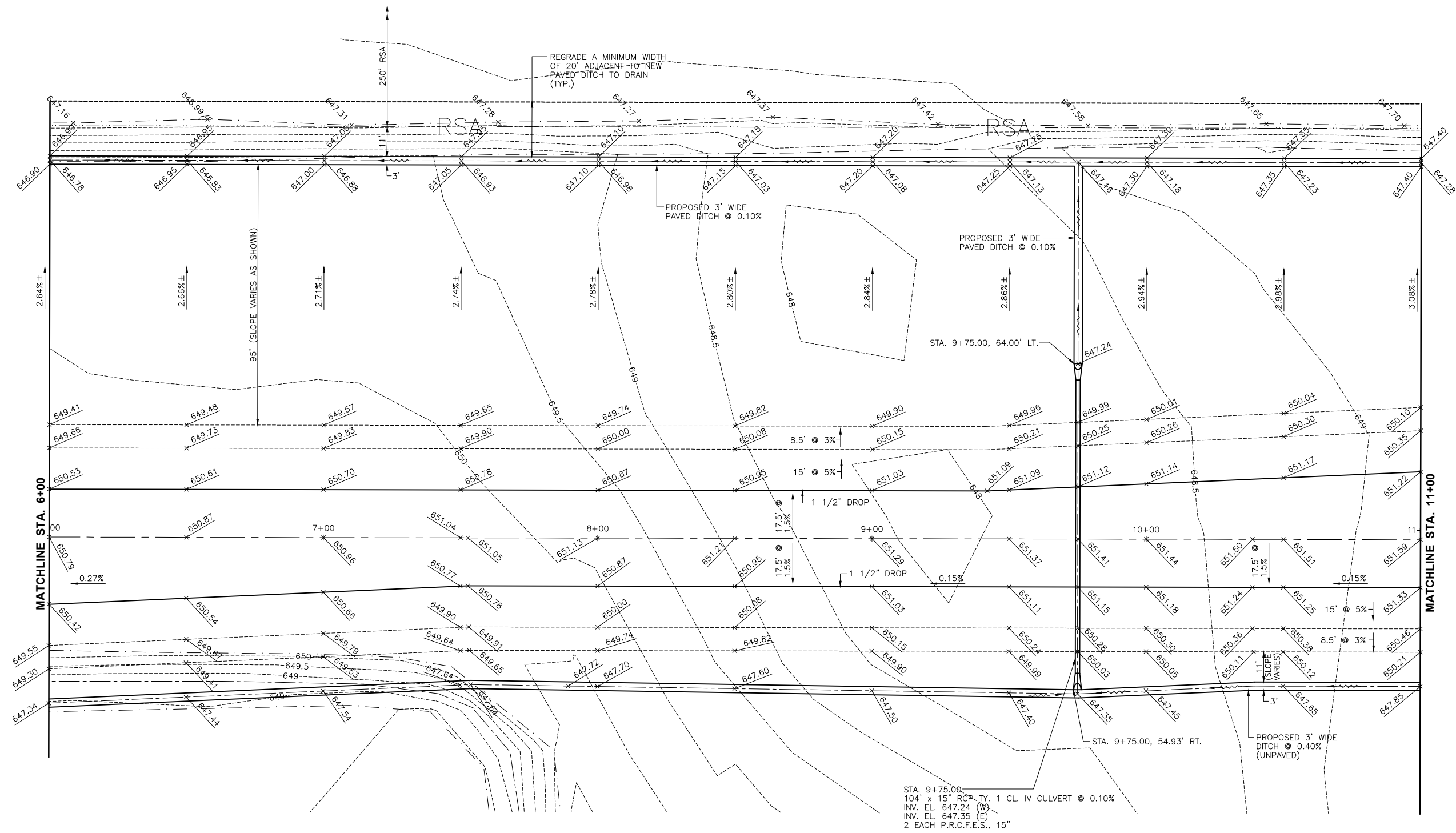
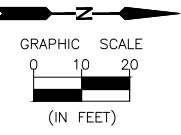
GRADING PLAN (STA. 0+00 - 6+00)

CONSTRUCTION PLANS

CURRENT AS OF: 10/17

SCALE: AS NOTED SHEET 16

FILE NO.: 1109.00 Y- OF 31



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 Drawing Name: H:\A\08\1\PERU AIRPORT\1109-00-Peru-NRA-Taxiway-Extension-Northward\CAD\C3D\Final Plans (revised 5-26-17 - Morris)\017-GRADE 6-11.dwg Last Modified: Jan 11, 2018 - 1:04pm Plotted on: Jan 11, 2018 - 4:14pm by nick

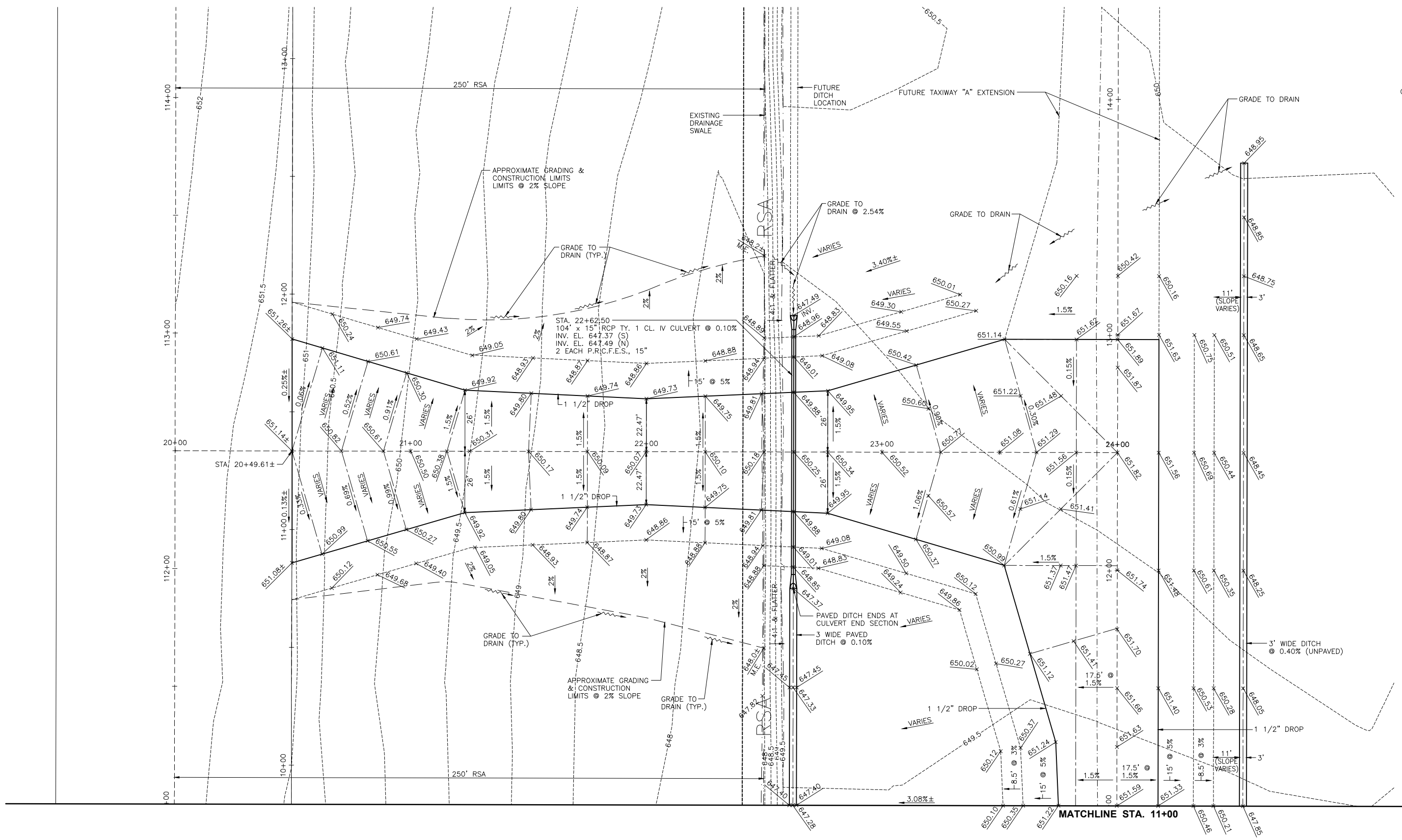
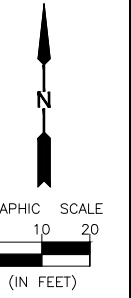
LEVEL	BY	DATE	REVISIONS	
			NO.	DESCRIPTION

PERU MORRIS
 ILLINOIS

ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
 PERU, ILLINOIS

GRADING PLAN (STA. 6+00 - 11+00)
 CONSTRUCTION PLANS

CURRENT AS OF: 10/17	SHEET 17
SCALE: AS NOTED	OF 31
FILE NO.: 1109.00	Y- OF



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 Drawing Name: H:\A\02\1\PERU AIRPORT\1109-00-Peru-NRA-Taxiway-Extension-Northward\CAD\C3D\Final Plans (revised 5-26-17 - Morris)\018-GRADE 20-24.dwg Last Modified: Jan 11, 2018 - 1:56pm Plotted on: Jan 11, 2018 - 4:15pm by nick

DRAWN BY: CHAMS	REVISIONS			
	LEVEL	BY	DATE	DESCRIPTION
CHECKED BY: CJM				
DATE: 10/17				

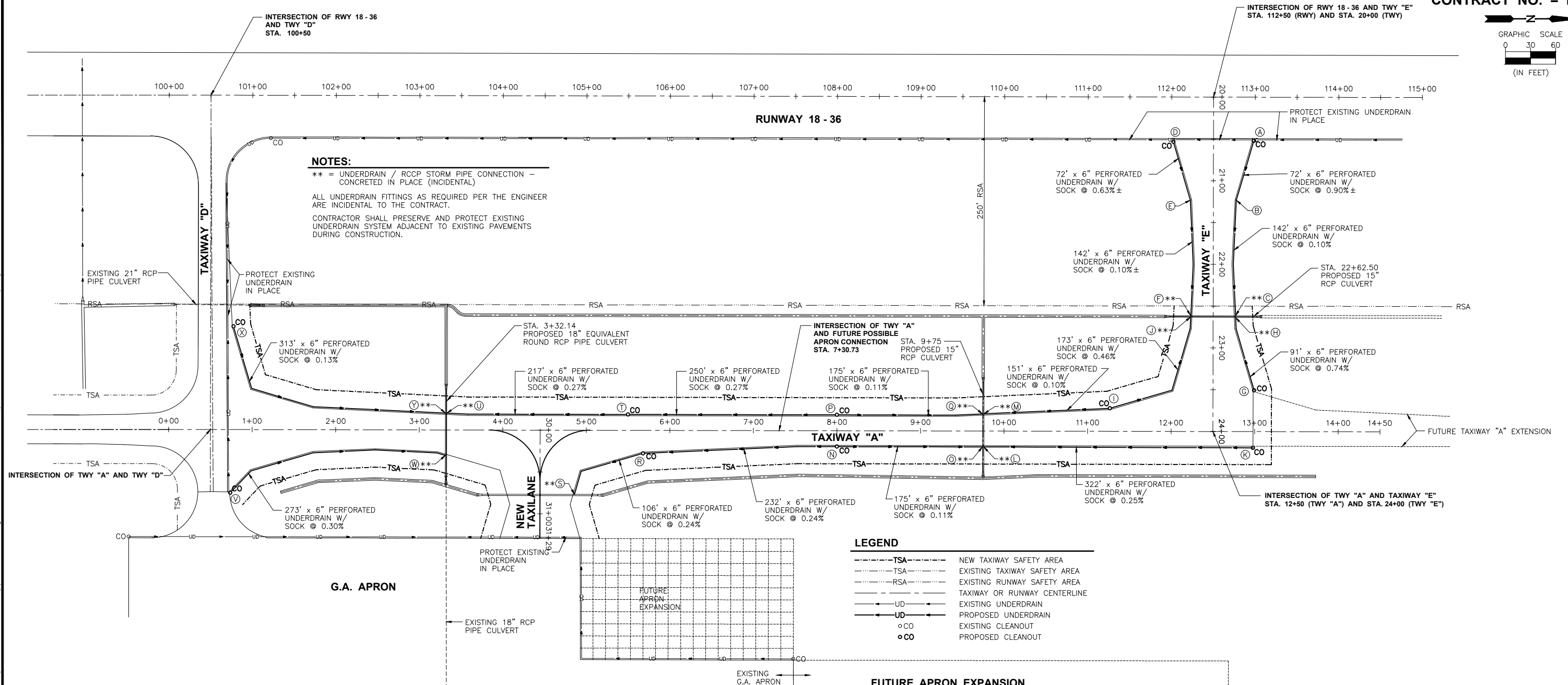
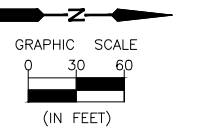
CHAMLIN & ASSOCIATES, INC.
 PERU MORRIS ILLINOIS

ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
 PERU, ILLINOIS

GRADING PLAN (STA. 11+00 - 13+25) AND
GRADING PLAN (STA. 20+00 - 24+00)

CONSTRUCTION PLANS

CURRENT AS OF: 10/17	
SCALE: AS NOTED	SHEET 18
FILE NO.: 1109.00 Y-	OF 31



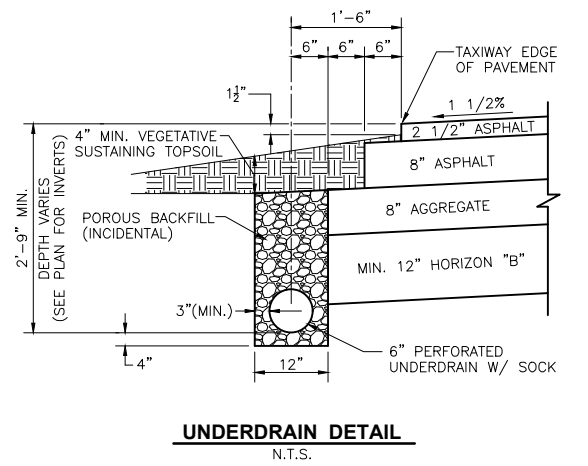
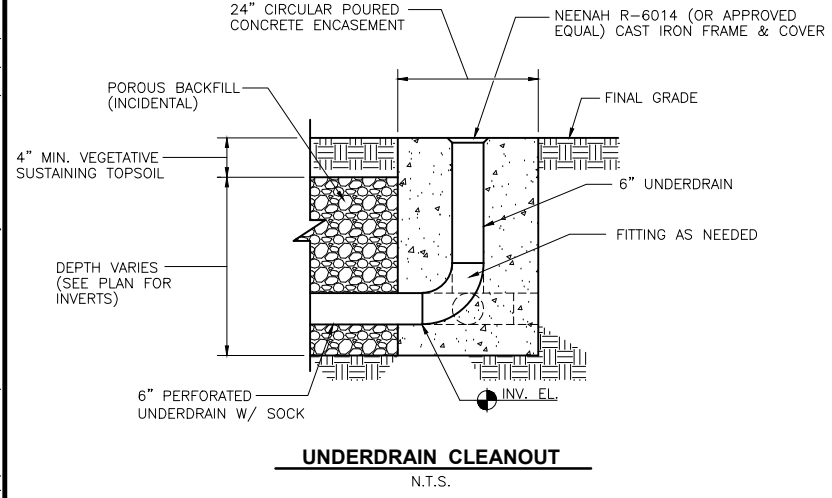
NOTES:
 ** = UNDERDRAIN / RCP STORM PIPE CONNECTION - CONCRETED IN PLACE (INCIDENTAL)
 ALL UNDERDRAIN FITTINGS AS REQUIRED PER THE ENGINEER ARE INCIDENTAL TO THE CONTRACT.
 CONTRACTOR SHALL PRESERVE AND PROTECT EXISTING UNDERDRAIN SYSTEM ADJACENT TO EXISTING PAVEMENTS DURING CONSTRUCTION.

LEGEND

- TSA --- NEW TAXIWAY SAFETY AREA
- TSA --- EXISTING TAXIWAY SAFETY AREA
- RSA --- EXISTING RUNWAY SAFETY AREA
- --- TAXIWAY OR RUNWAY CENTERLINE
- UD --- EXISTING UNDERDRAIN
- UD --- PROPOSED UNDERDRAIN
- CO EXISTING CLEANOUT
- CO PROPOSED CLEANOUT

DRAINAGE SUMMARY

A STA. 20+53.50 49.00' LT UNDERDRAIN CLEANOUT INV. EL. 648.50	G STA. 12+99.21 49.21' LT UNDERDRAIN CLEANOUT INV. EL. 648.37	M STA. 9+75 20.5' LT TIE INTO PIPE CULVERT INV. EL. 648.35	R STA. 5+68 27.5' RT UNDERDRAIN CLEANOUT INV. EL. 647.37	X STA. 0+78.0 123.5' LT UNDERDRAIN CLEANOUT INV. EL. 647.15
B STA. 21+23 27.5' LT INV. EL. 647.85	H STA. 22+62.50 26.83' LT TIE INTO PIPE CULVERT INV. EL. 647.70	N STA. 8+00 19.0' RT UNDERDRAIN CLEANOUT INV. EL. 648.00	S STA. 4+85.8 76.7' RT. TIE INTO PIPE CULVERT INV. EL. 647.20	Y STA. 3+31.33 20.2' LT TIE INTO PIPE CULVERT INV. EL. 646.80
C STA. 22+62.50 26.83' LT TIE INTO PIPE CULVERT INV. EL. 647.70	I STA. 11+26.75 27.50' LT UNDERDRAIN CLEANOUT INV. EL. 648.50	O STA. 9+75 19.0' RT TIE INTO PIPE CULVERT INV. EL. 647.80	T STA. 5+50 19.0' LT UNDERDRAIN CLEANOUT INV. EL. 647.40	
D STA. 20+53.50 49.00' RT UNDERDRAIN CLEANOUT INV. EL. 648.30	J STA. 22+62.50 26.83' RT TIE INTO PIPE CULVERT INV. EL. 647.70	P STA. 8+00 19.0' LT UNDERDRAIN CLEANOUT INV. EL. 648.00	U STA. 3+32.96 20.2' LT TIE INTO PIPE CULVERT INV. EL. 646.80	
E STA. 21+23 27.5' RT INV. EL. 647.85	K STA. 12.98 19.0' RT UNDERDRAIN CLEANOUT INV. EL. 648.81	Q STA. 9+75 20.5' LT TIE INTO PIPE CULVERT INV. EL. 647.80	V STA. 0+74.24 75.0' RT UNDERDRAIN CLEANOUT INV. EL. 647.55	
F STA. 22+62.50 26.83' RT TIE INTO PIPE CULVERT INV. EL. 647.70	L STA. 9+75 19.0' RT TIE INTO PIPE CULVERT INV. EL. 648.00	W STA. 3+31.33 30.4' RT TIE INTO PIPE CULVERT INV. EL. 646.80		



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DRAWN BY: CHAMS	REVISIONS			
CHECKED BY: CJM	LEVEL	BY	DATE	DESCRIPTION
DATE: 10/17				

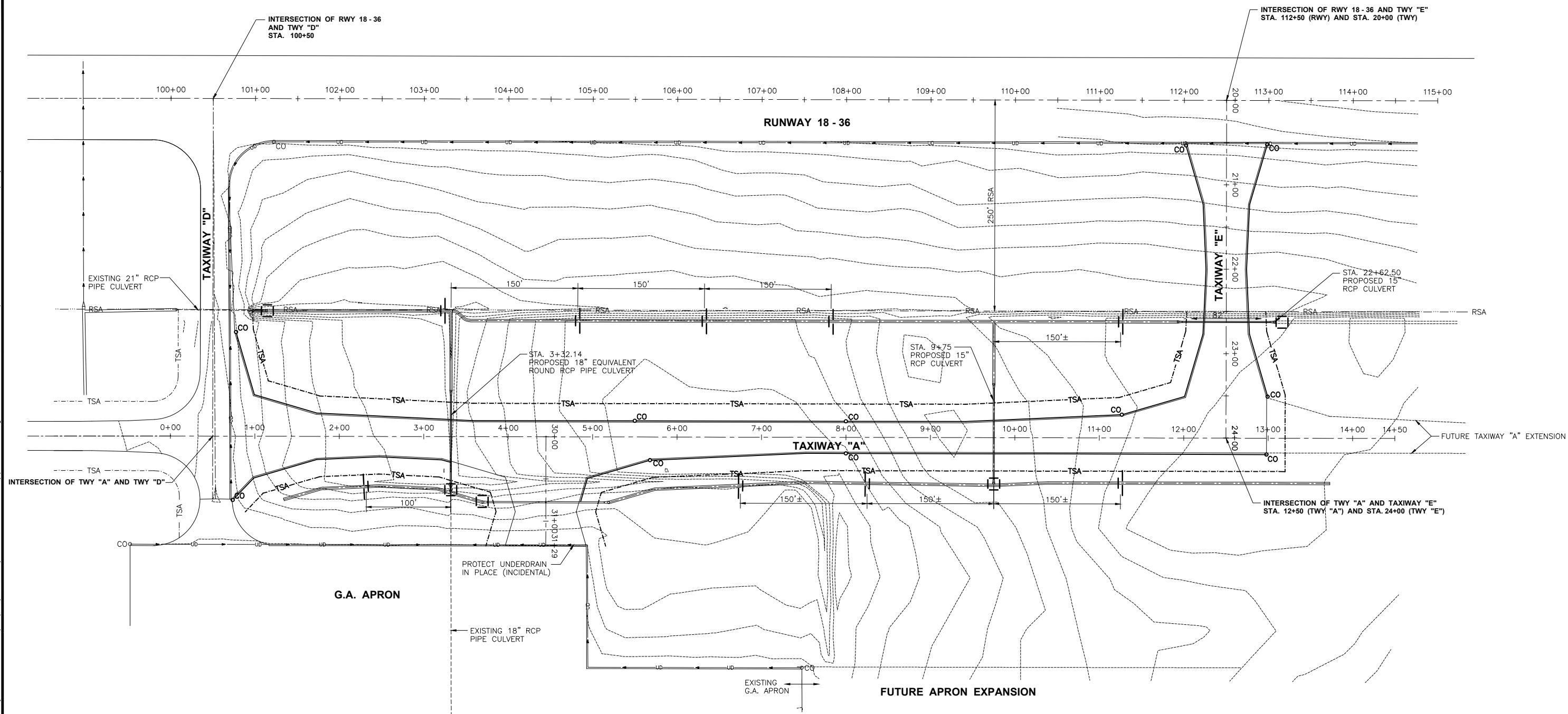
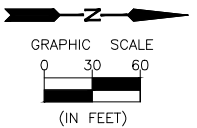
CHAMLIN & ASSOCIATES, INC.
 PERU MORRIS ILLINOIS

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

**PIPE UNDERDRAIN PLAN
 AND DETAILS**

CONSTRUCTION PLANS

CURRENT AS OF: 10/17	
SCALE: AS NOTED	SHEET 19
FILE NO.: 1109.00 Y-	OF 31



LEGEND

	SILT FENCE
	TEMPORARY DITCH CHECK
	INLET & PIPE PROTECTION (PAID FOR AS SILT FENCE)
	S.C.E. STABILIZED CONSTRUCTION ENTRANCE (INCIDENTAL TO CONTRACT)

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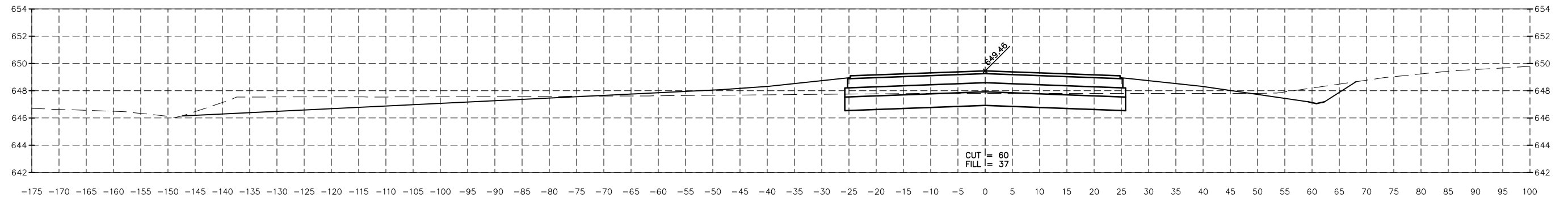
DRAWN BY: CHAMS	REVISIONS			
CHECKED BY: CJM	LEVEL	BY	DATE	DESCRIPTION
DATE: 10/17				

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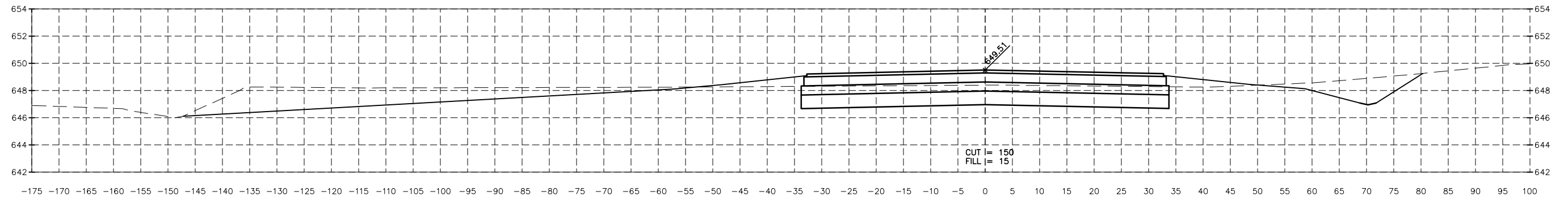
ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
 PERU, ILLINOIS

EROSION CONTROL PLAN
CONSTRUCTION PLANS

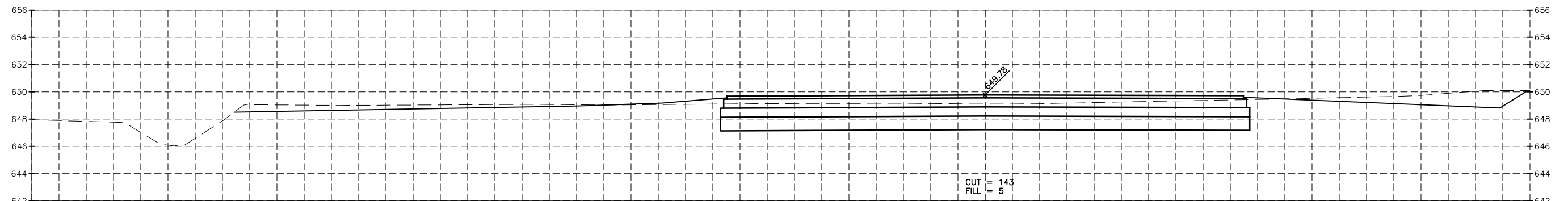
CURRENT AS OF: 10/17	
SCALE: AS NOTED	SHEET 20
FILE NO.: 1109.00 Y-	OF 31



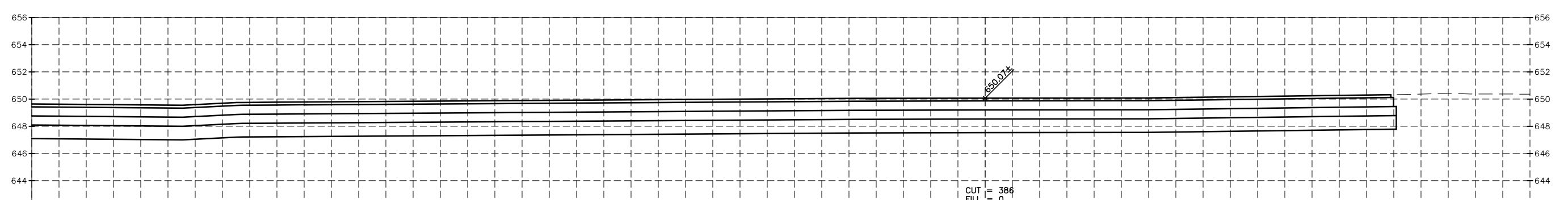
2+00.00



1+50.00



1+00.00



0+70.30

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Drawing Name: H:\A\08\1\PERU AIRPORT\1.09-00-Peru-NRA-Taxiway-Extension-Northward\CAD\Final Plans (revised 5-26-17 - Morris)\BASE-FINAL.dwg Last Modified: Jan 11, 2018 - 2:18pm by nickl

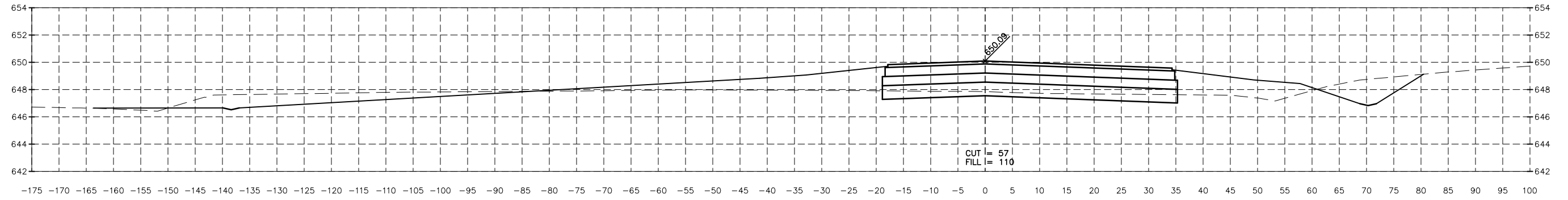
DRAWN BY: CHAMS	REVISIONS			
CHECKED BY: CJM	LEVEL	BY	DATE	DESCRIPTION
DATE: 10/17				



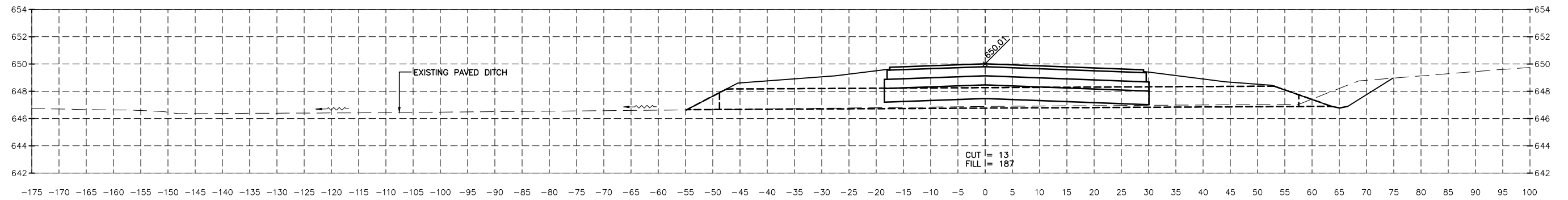
ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
PERU, ILLINOIS

CROSS SECTIONS

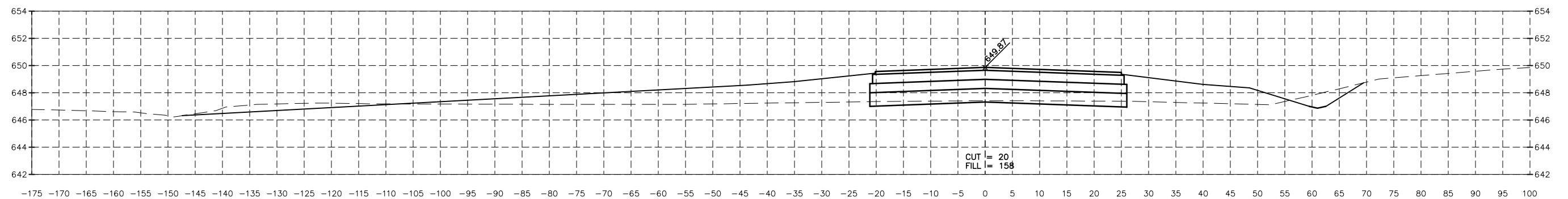
CONSTRUCTION PLANS	CURRENT AS OF: 10/17	
	SCALE: AS NOTED	SHEET 21
	FILE NO.: 1109.00	OF 31



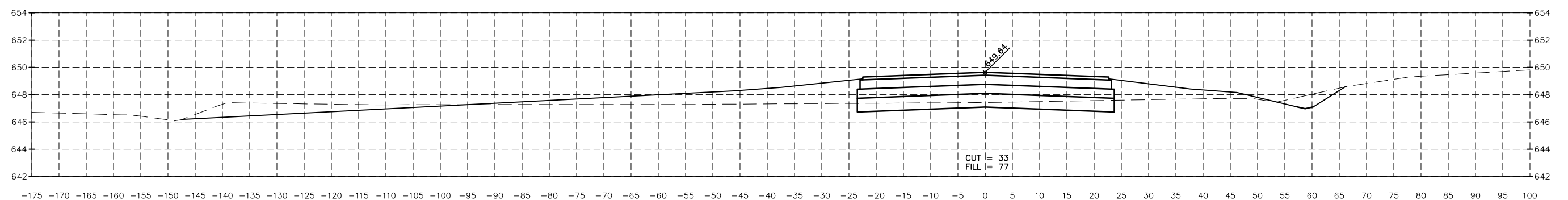
3+50.00



3+32.14



3+00.00



2+50.00

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Drawing Name: H:\A\08\1\PERU AIRPORT\1109-00-Peru-NRA-Taxiway-Extension-Northward\CAD\Final Plans (revised 5-26-17 - Morris)\BASE-FINAL.dwg Last Modified: Jan 11, 2018 - 2:09pm Plotted on: Jan 11, 2018 - 2:10pm by nick

DRAWN BY: CHAMS	REVISIONS			
CHECKED BY: CJM	LEVEL	BY	DATE	DESCRIPTION
DATE: 10/17				

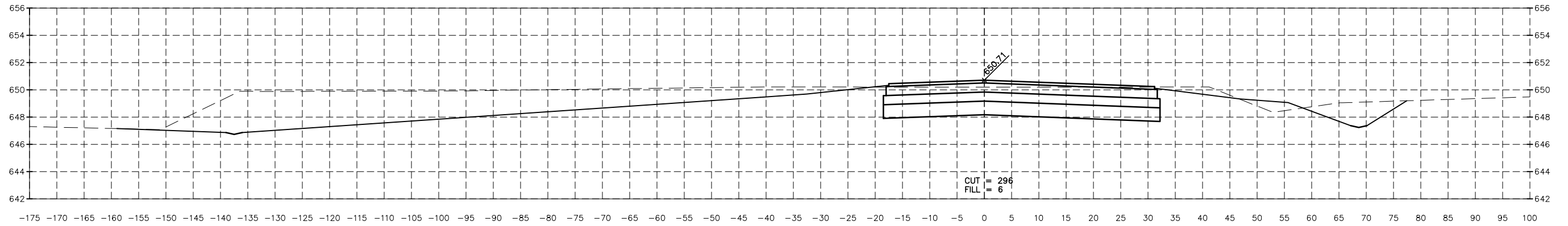
CHAMLIN & ASSOCIATES, INC.
PERU MORRIS ILLINOIS

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

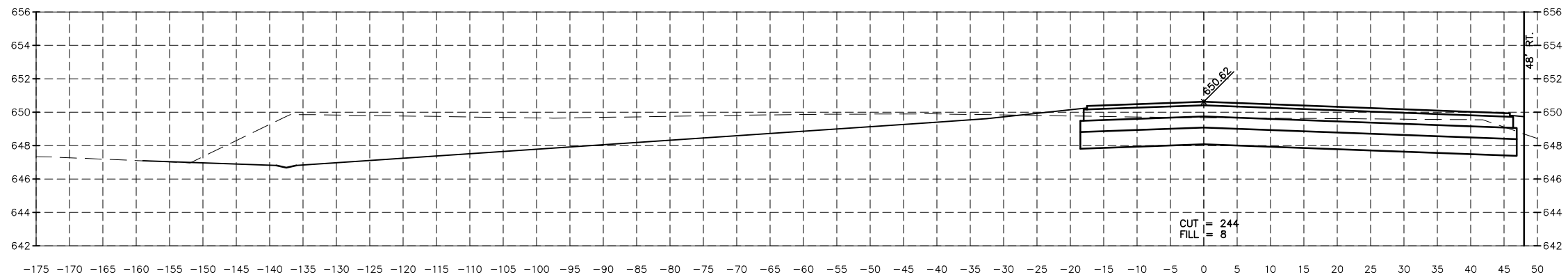
CROSS SECTIONS

CONSTRUCTION PLANS

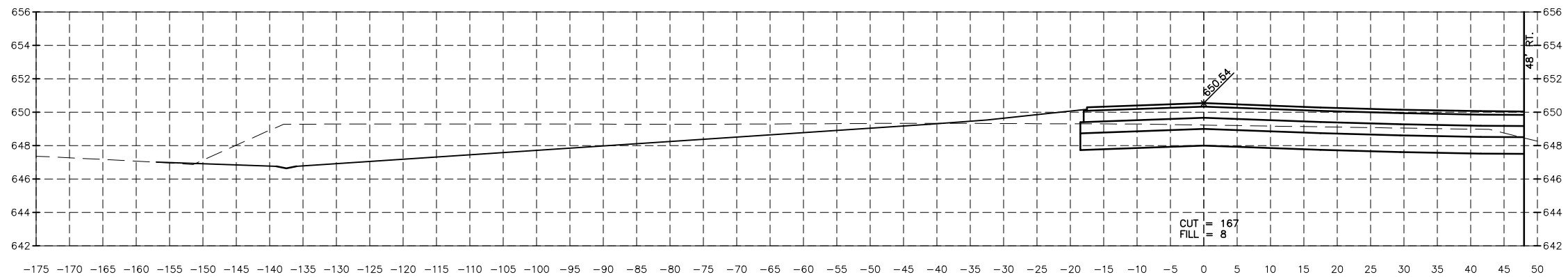
CURRENT AS OF: 10/17	
SCALE: AS NOTED	SHEET 22
FILE NO.: 1109.00	OF 31



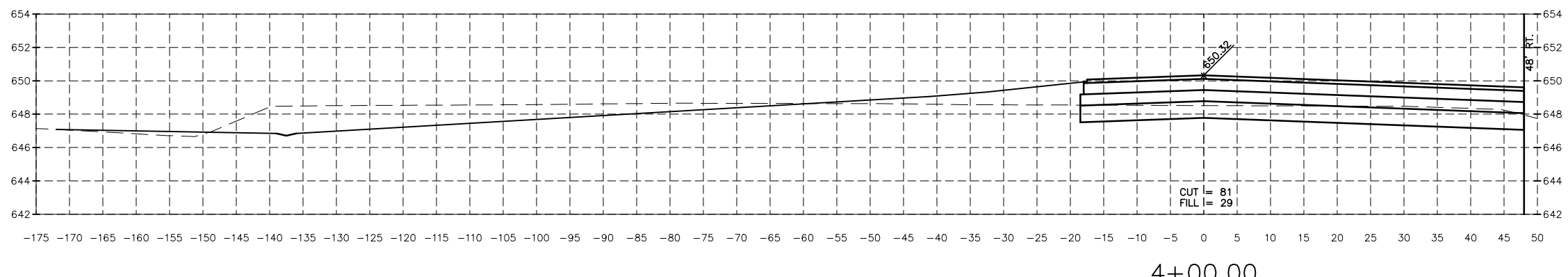
5+50.00



5+00.00



4+50.00



4+00.00

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CHECKED BY: CJM	LEVEL	BY	DATE	DESCRIPTION
DATE: 10/17				

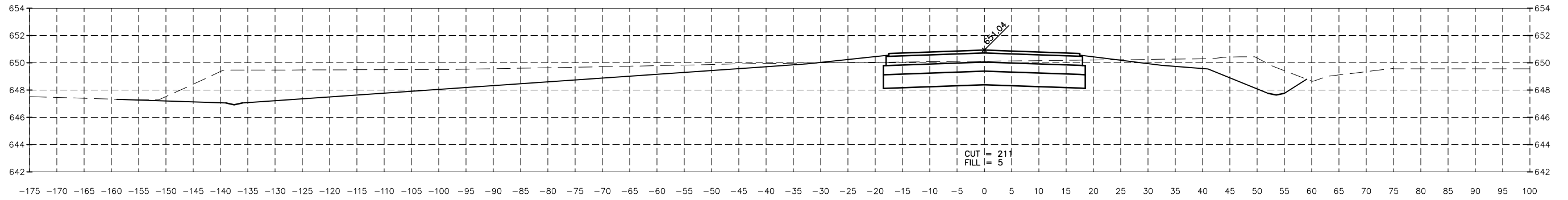
CHAMLIN & ASSOCIATES, INC.
PERU MORRIS ILLINOIS

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

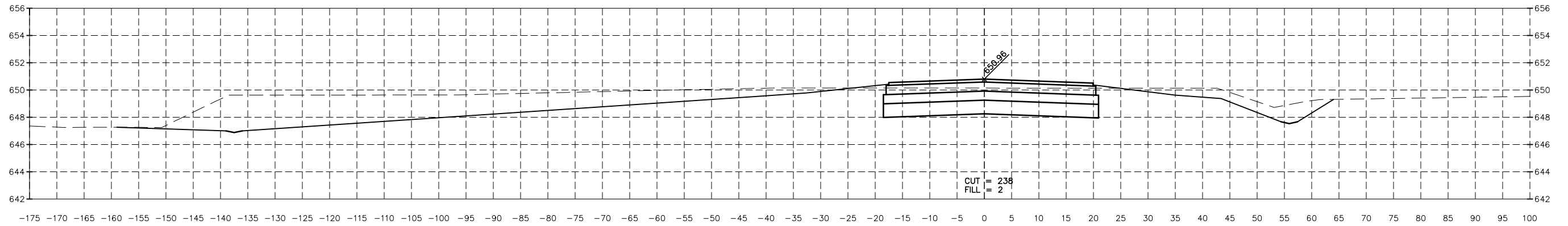
CROSS SECTIONS

CONSTRUCTION PLANS

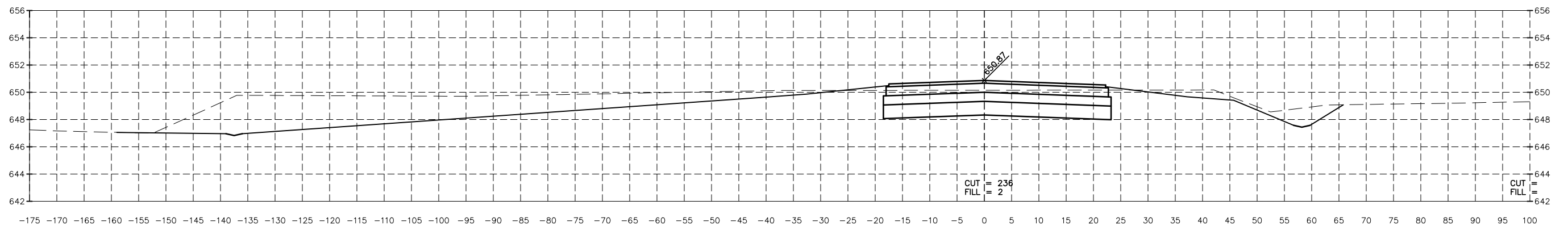
CURRENT AS OF: 10/17	
SCALE: AS NOTED	SHEET 23
FILE NO.: 1109.00 Y-	OF 31



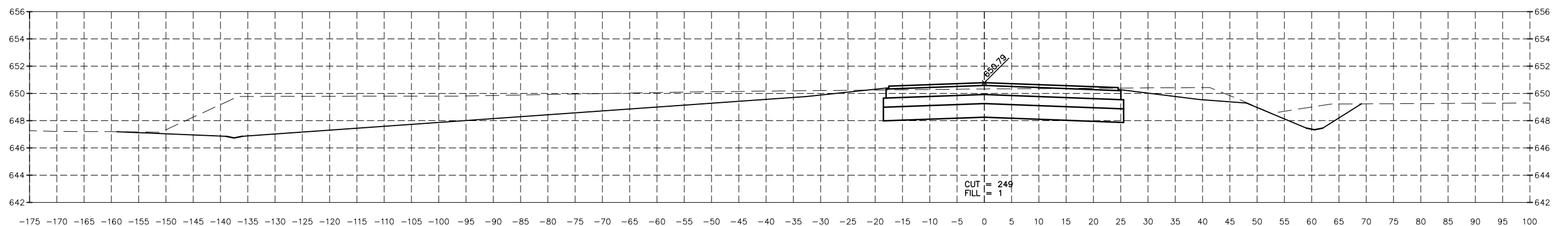
7+50.00



7+00.00



6+50.00



6+00.00

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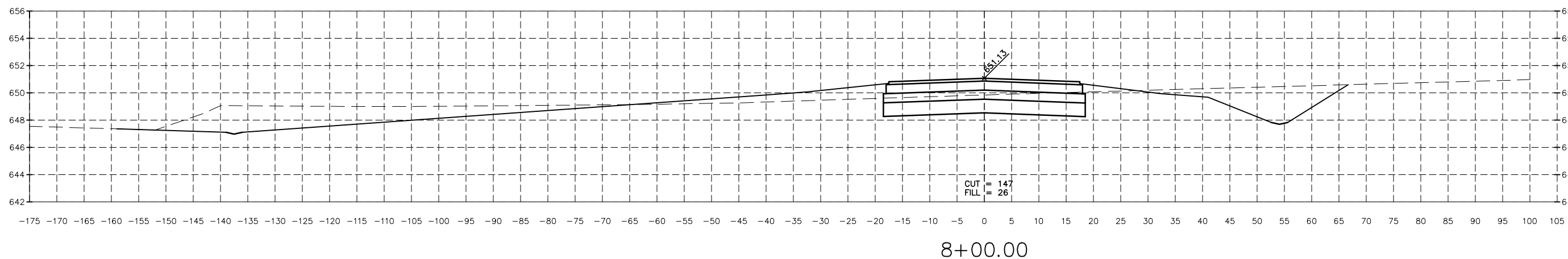
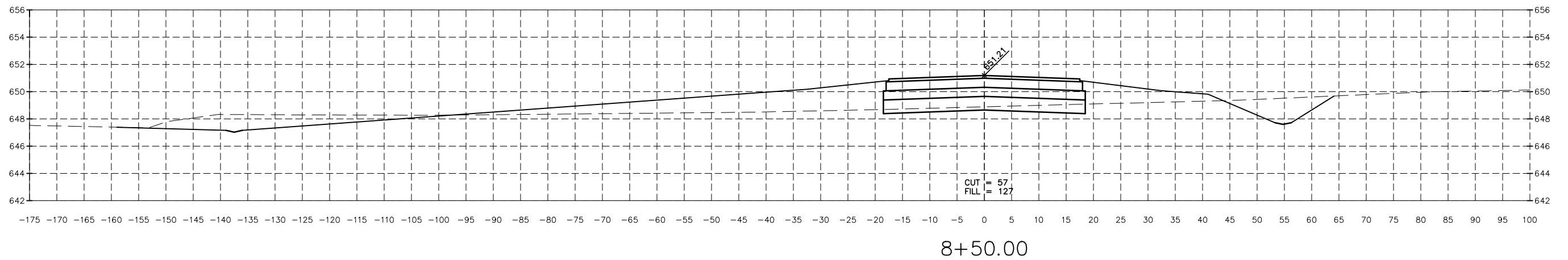
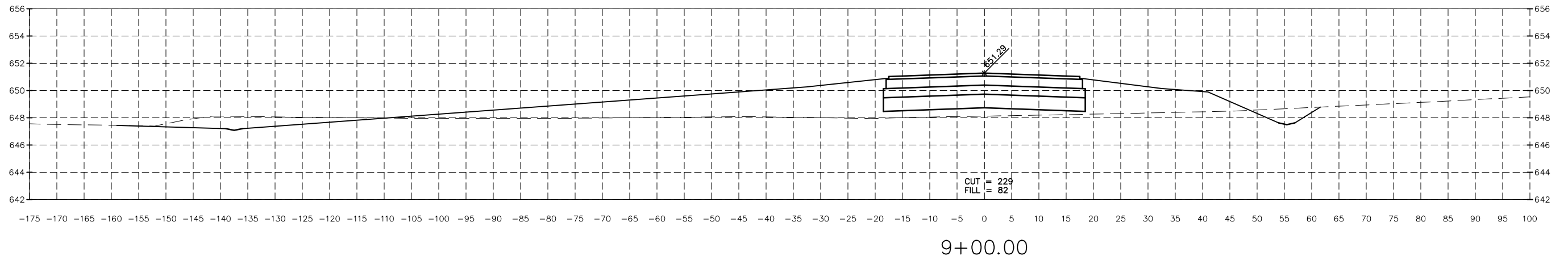
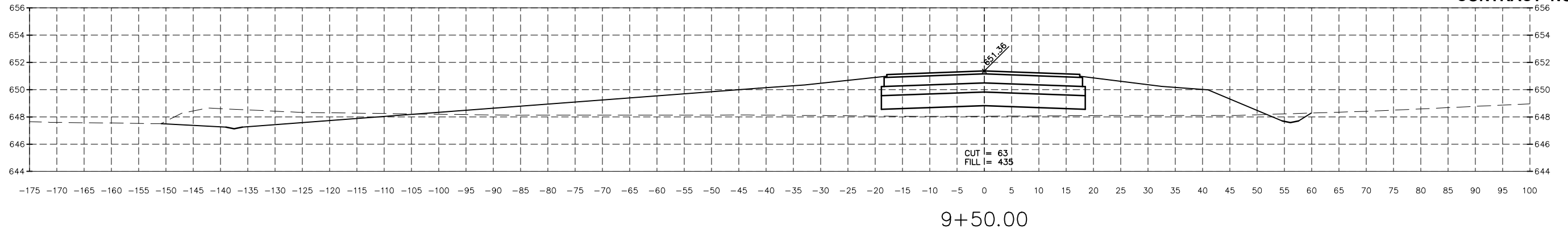
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DATE: 10/17				



ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
PERU, ILLINOIS

CROSS SECTIONS

CONSTRUCTION PLANS	CURRENT AS OF: 10/17	
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	FILE NO.: 1109.00	OF 31



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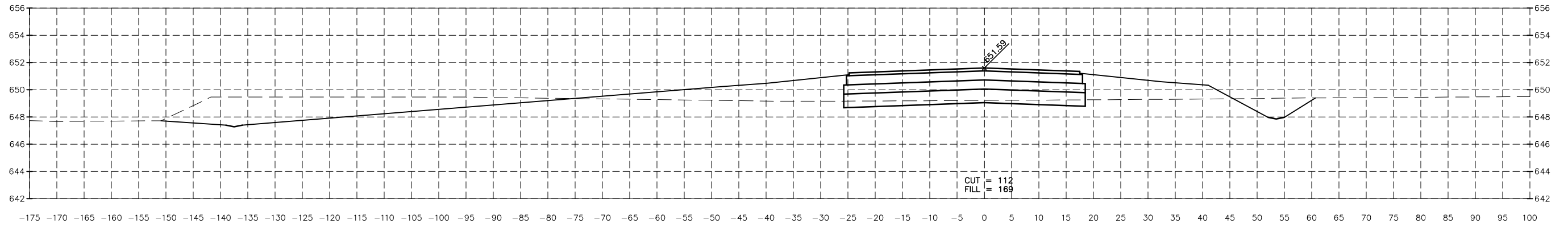
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DATE: 10/17				



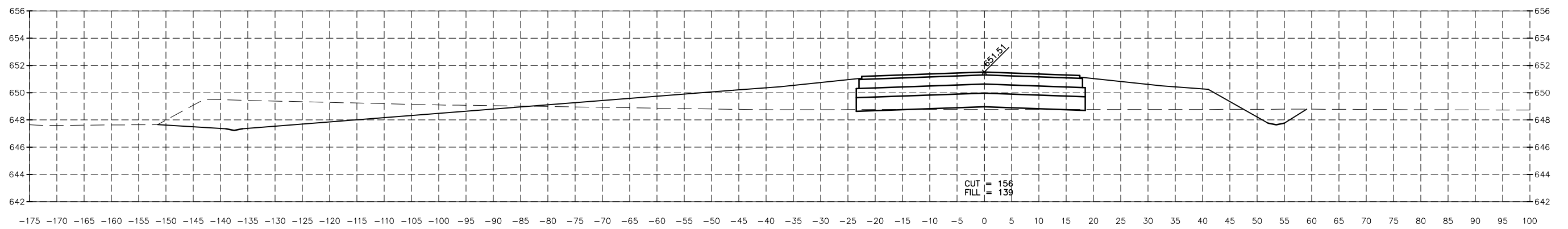
**ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
PERU, ILLINOIS**

CROSS SECTIONS

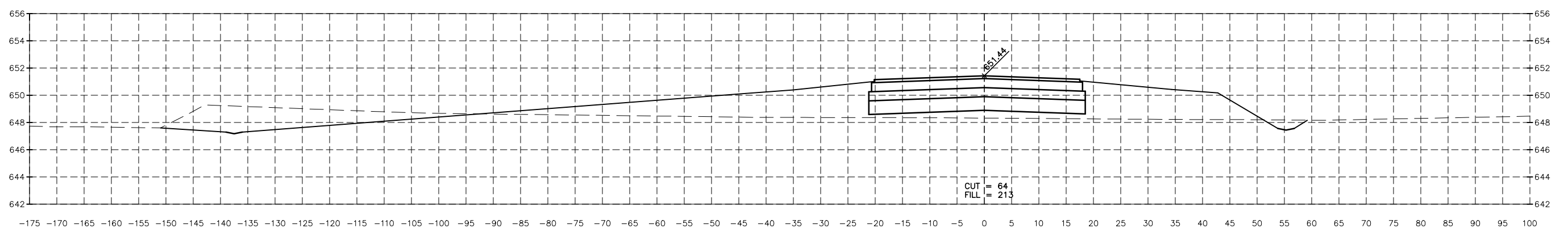
CONSTRUCTION PLANS	CURRENT AS OF: 10/17	
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	FILE NO.: 1109.00	OF 31



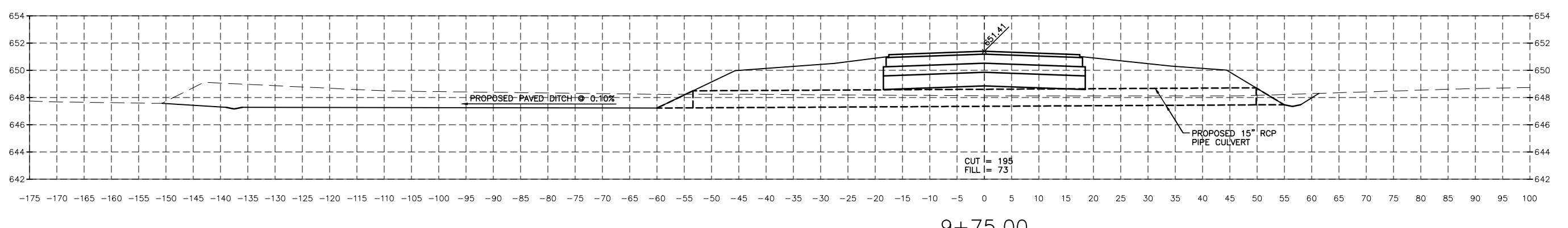
11+00.00



10+50.00



10+00.00



9+75.00

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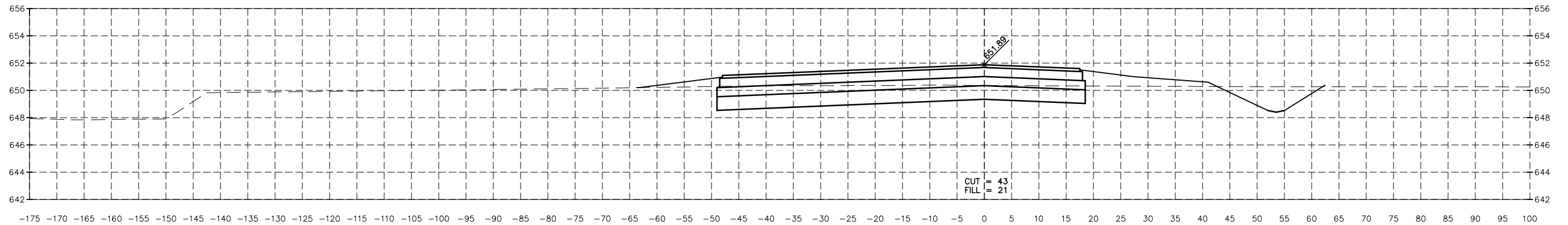
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DATE: 10/17				



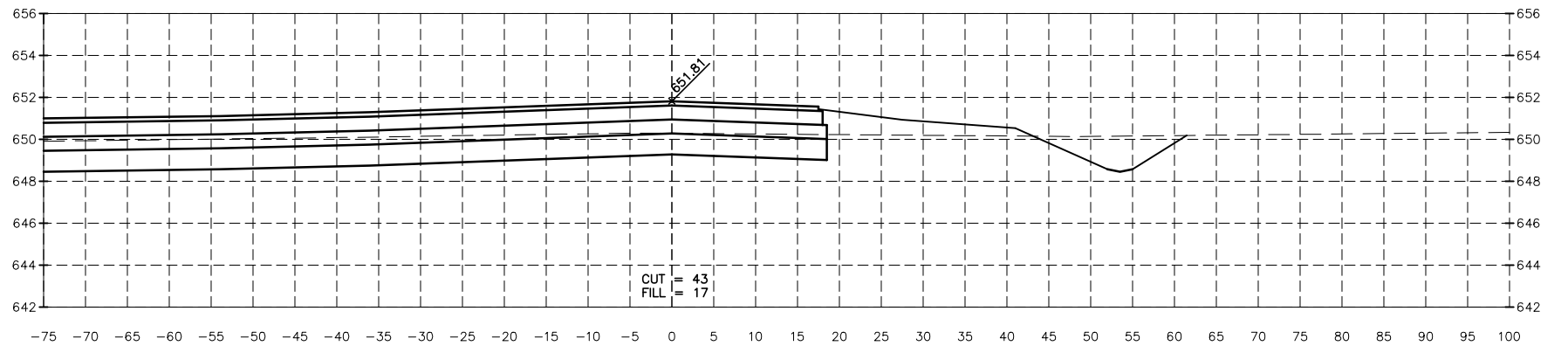
**ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
PERU, ILLINOIS**

CROSS SECTIONS

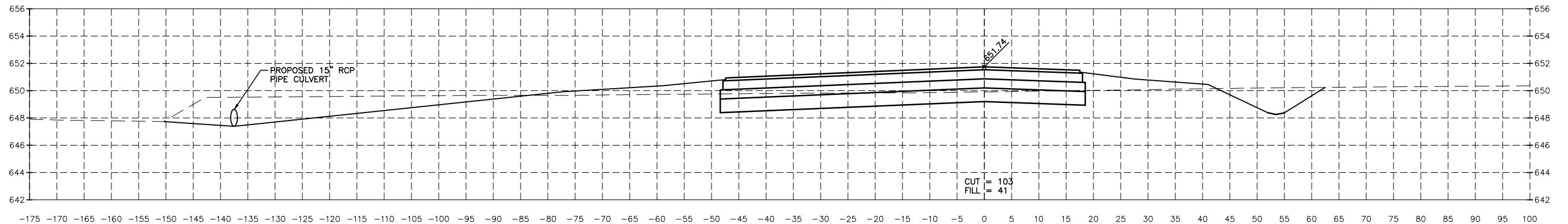
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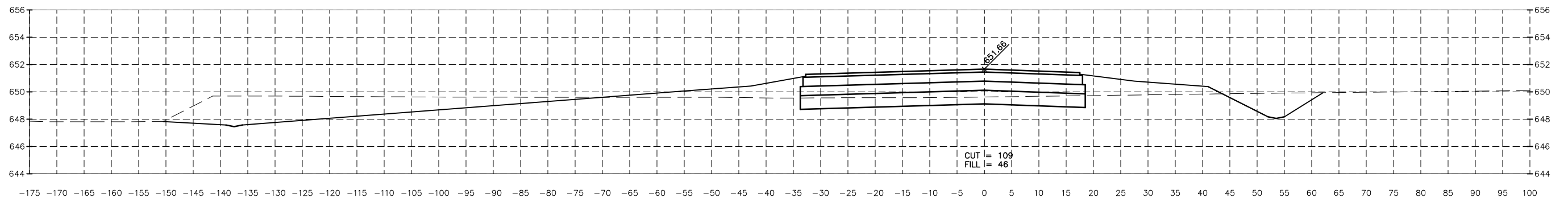
12+98.00



12+50.00



12+00.00



11+50.00

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CHECKED BY: KWH	LEVEL	BY	DATE	DESCRIPTION
DATE: 10/17				

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PERU MORRIS ILLINOIS

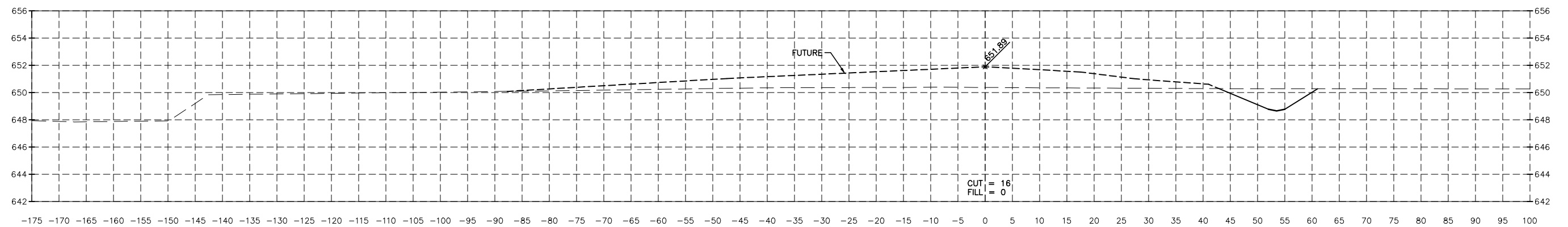
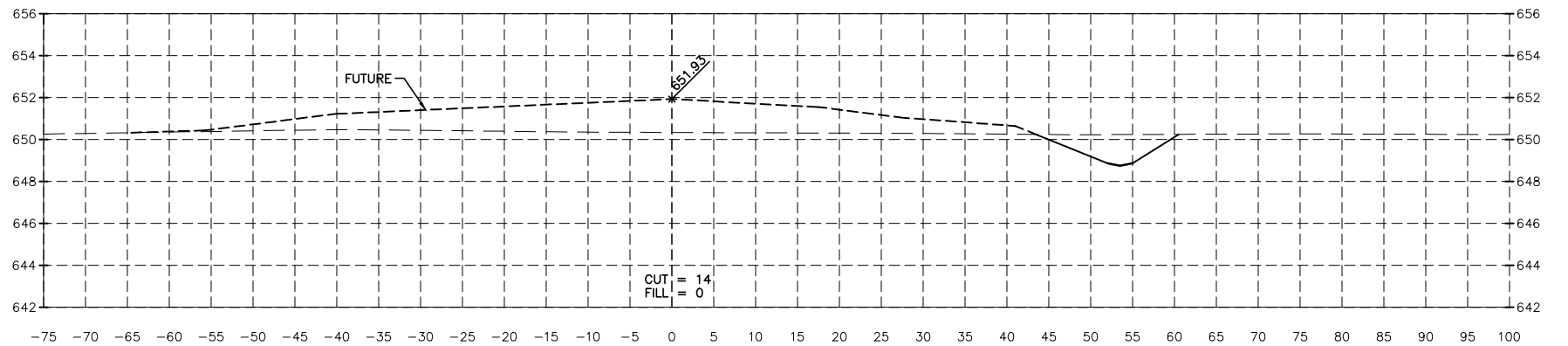
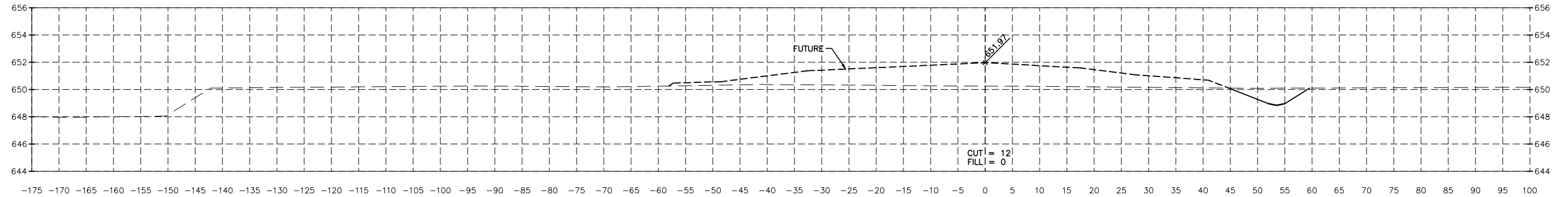
**ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
PERU, ILLINOIS**

CROSS SECTIONS

CONSTRUCTION PLANS

CURRENT AS OF: 10/17	
SCALE: AS NOTED	SHEET 27
FILE NO.: 1109.00	OF 31

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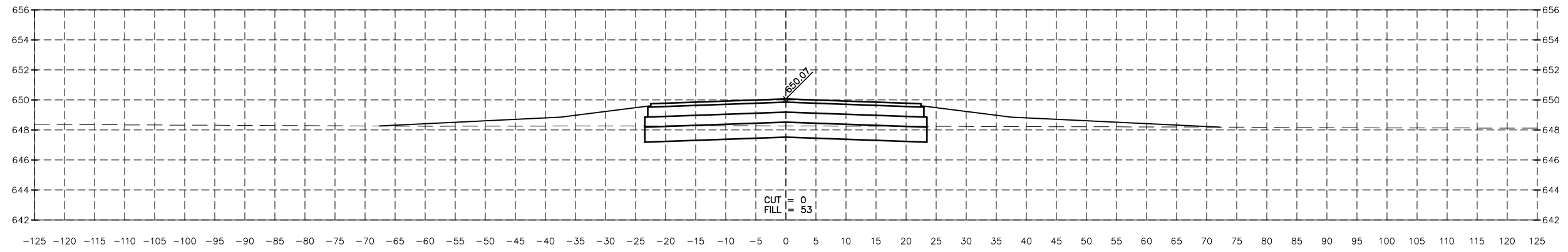
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DATE: 10/17				


 PERU MORRIS
 ILLINOIS

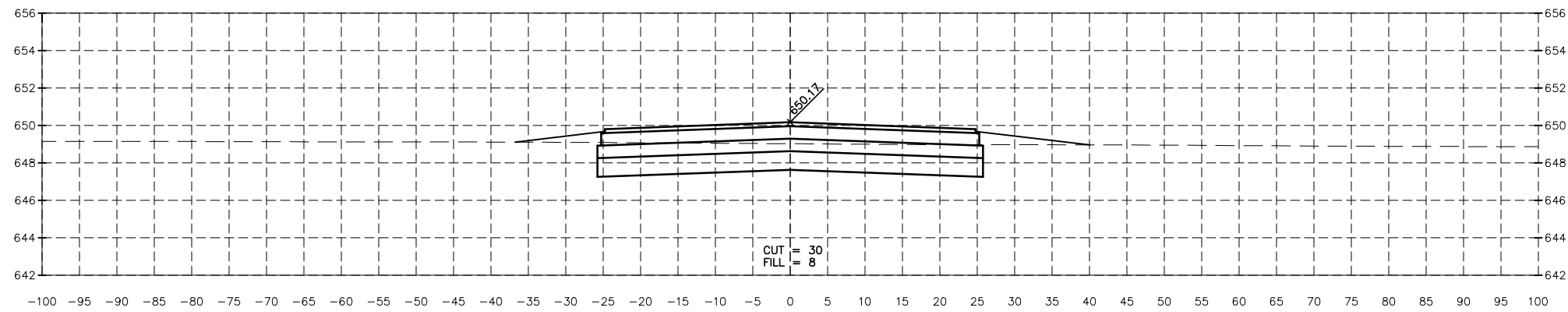
ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
PERU, ILLINOIS

CROSS SECTIONS

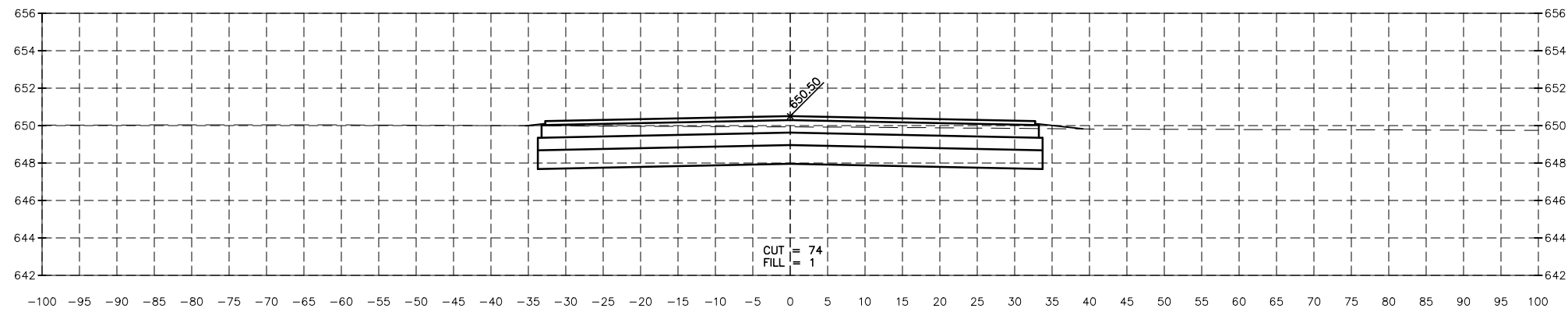
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	FILE NO.: 1109.00 Y-	OF 31



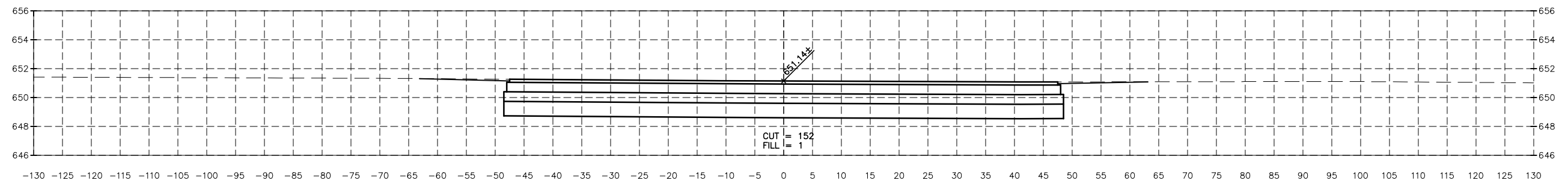
22+00.00



21+50.00



21+00.00



20+49.61

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Drawing Name: H:\A\08\1\PERU AIRPORT\1.09-00-Peru-NRA-Taxiway-Extension-Northward\CAD\CAD\Final Plans (revised 5-26-17 - Morris)\BASE-FINAL.dwg Last Modified: Jan 11, 2018 - 2:09pm Plotted on: Jan 11, 2018 - 2:15pm by nickl

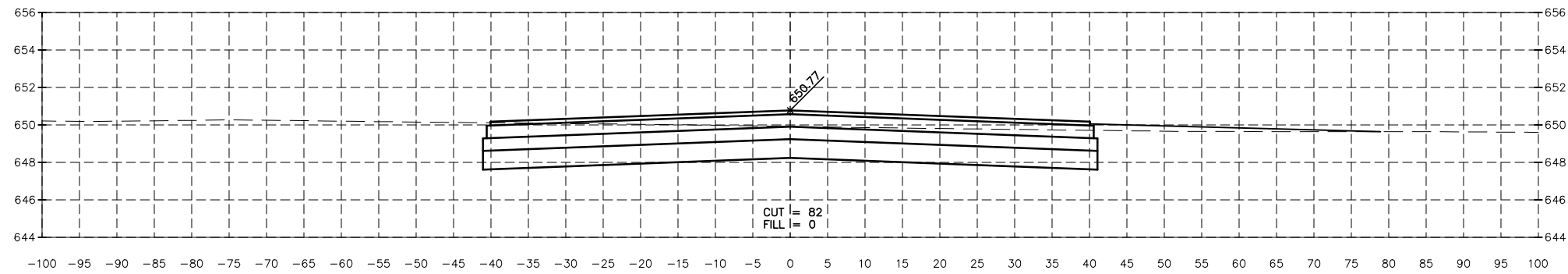
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CHECKED BY: KWH	LEVEL	BY	DATE	DESCRIPTION
DATE: 10/17				



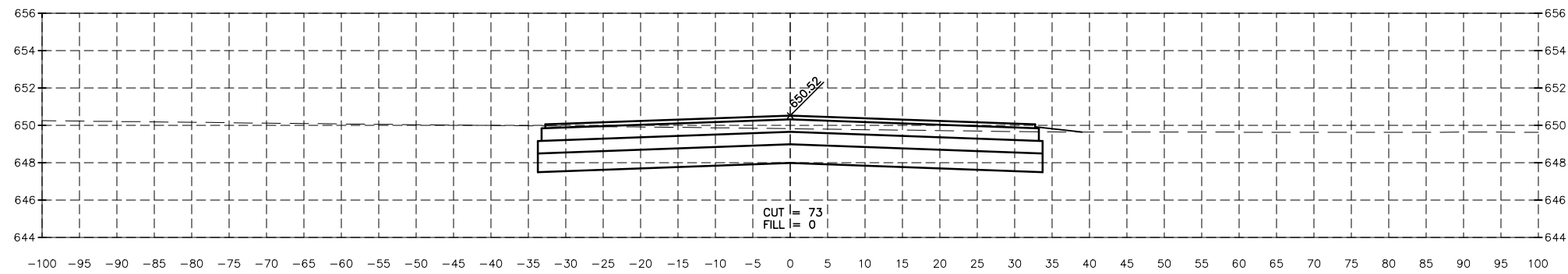
**ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
PERU, ILLINOIS**

CROSS SECTIONS

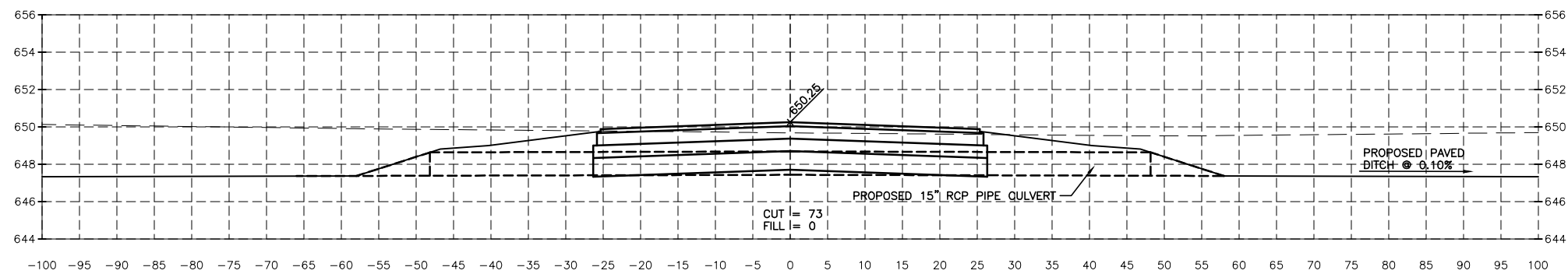
CONSTRUCTION PLANS	CURRENT AS OF: 10/17	
	SCALE: AS NOTED	SHEET 29
	FILE NO.: 1109.00 Y-	OF 31



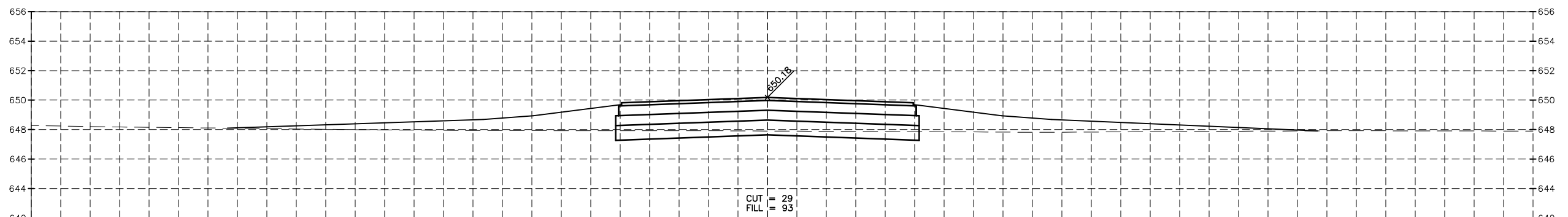
23+25.00



23+00.00



22+62.50



22+50.00

CHAMLIN & ASSOCIATES, INC. © 2014 Drawing Name: H:\A00B\1\PERU AIRPORT\1109-00-Peru-NRA-Taxiway-Extension-Northward\CAD\C3D\Final Plans (revised 5-26-17 - Morris)\BASE-FINAL.dwg Last Modified: Jan 11, 2018 - 2:09pm Plotted on: Jan 11, 2018 - 2:16pm by nickl

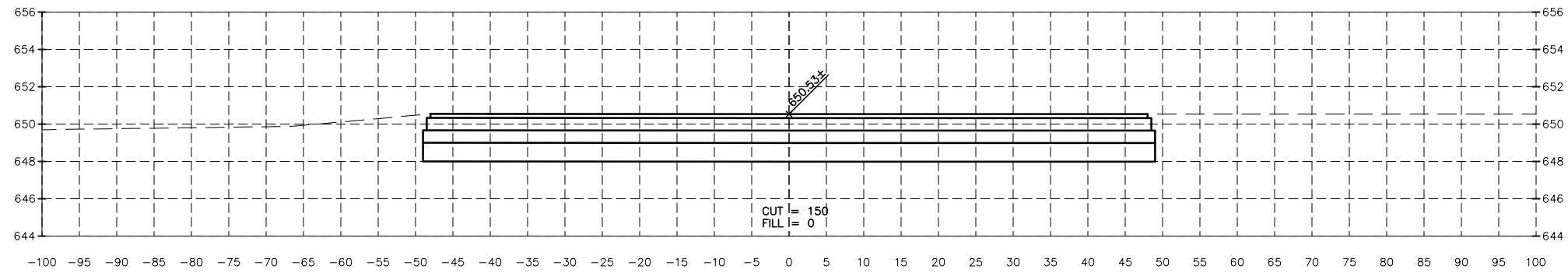
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DATE: 10/17				



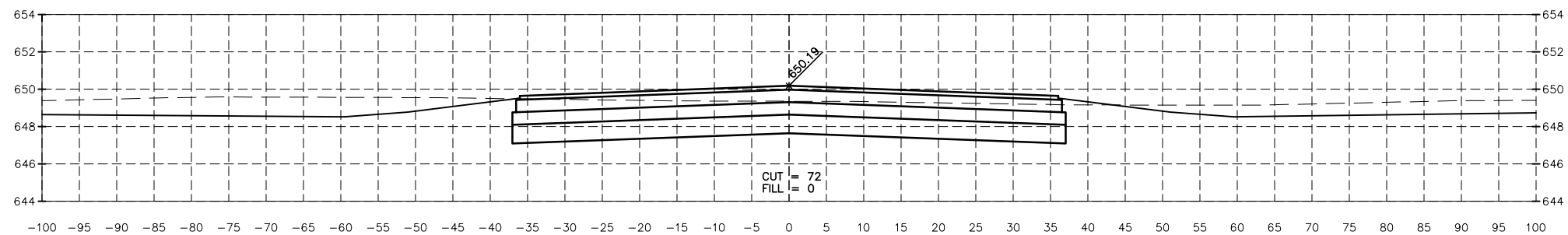
**ILLINOIS VALLEY REGIONAL AIRPORT
PARTIAL PARALLEL TAXIWAY EXTENSION
PERU, ILLINOIS**

CROSS SECTIONS

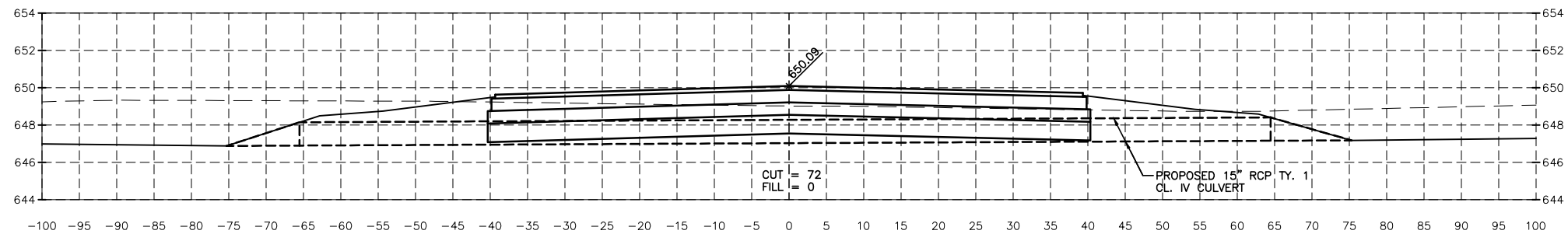
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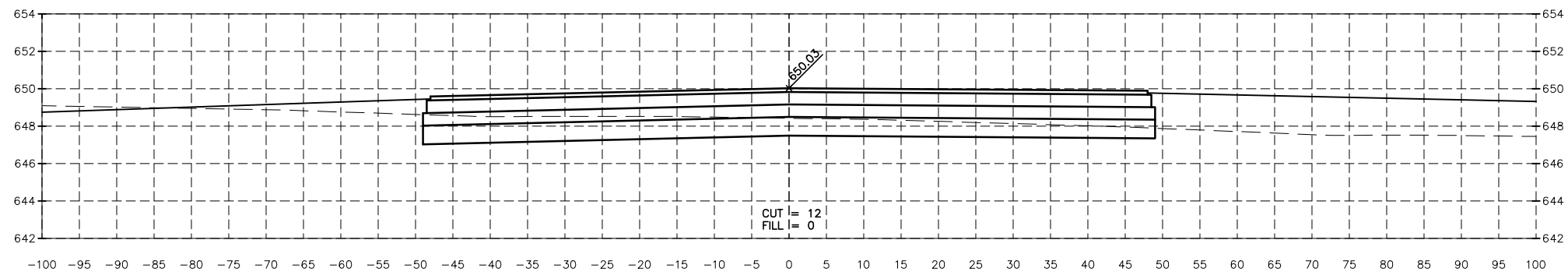
31+29.41



30+88.73



30+77.51



30+48.00

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Drawing Name: H:\A\08\1\PERU AIRPORT\1.09-00-Peru-NRA-Taxiway-Extension-Northward\CAD\Final Plans (revised 5-26-17 - Morris)\BASE-FINAL.dwg Last Modified: Jan 11, 2018 - 2:09pm Plotted on: Jan 11, 2018 - 2:17pm by nickl

DRAWN BY: CHAMS	REVISIONS			
CHECKED BY: CJM	LEVEL	BY	DATE	DESCRIPTION
DATE: 10/17				

CHAMLIN & ASSOCIATES, INC.
PERU MORRIS ILLINOIS

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

CROSS SECTIONS

CONSTRUCTION PLANS

CURRENT AS OF: 10/17	
SCALE: AS NOTED	SHEET 31
FILE NO.: 1109.00 Y-	OF 31