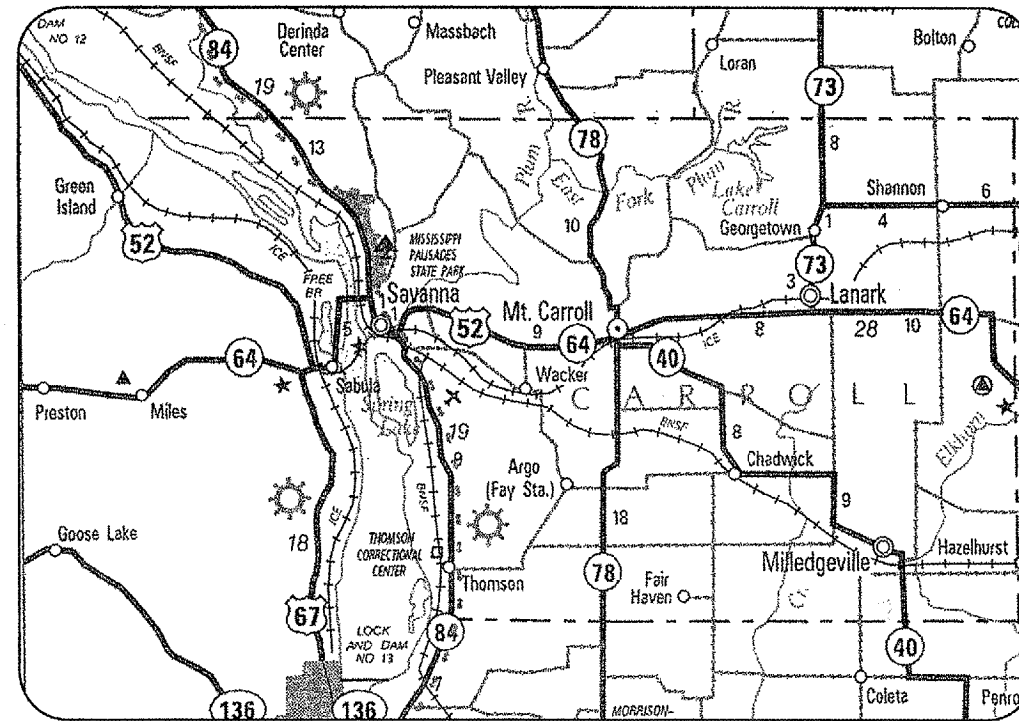


CONSTRUCTION PLANS FOR TRI-TOWNSHIP AIRPORT SAVANNA, CARROLL COUNTY, ILLINOIS PROPOSED WIDENING OF RUNWAY 13/31

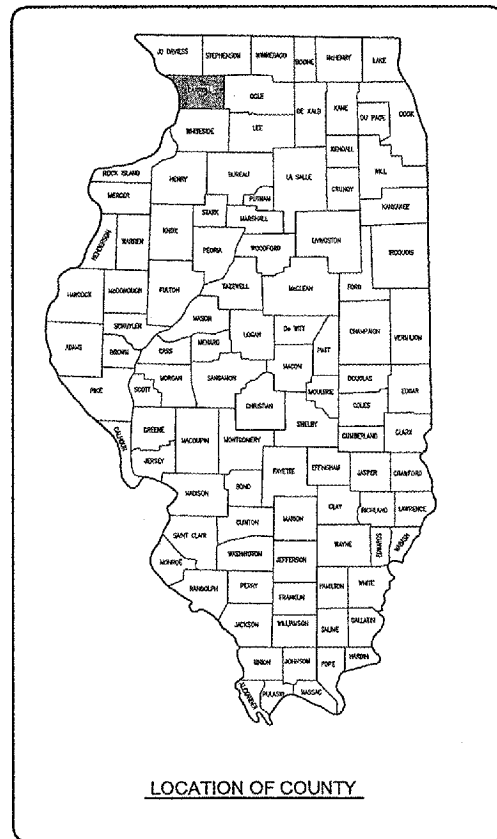
SCOPE OF WORK

THIS PROJECT WILL CONSIST OF WIDENING RUNWAY 13/31 FROM 60' TO 75' IN WIDTH. ASSOCIATED WORK INCLUDES EARTHWORK, MARKING AND RELOCATION OF THE MEDIUM INTENSITY RUNWAY LIGHTING SYSTEM.

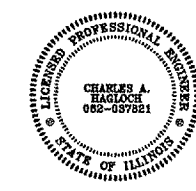


LOCATION

ILL. PROJ.: SFY-3538
A.I.P. PROJ.: 3-17-0091-B12
LATITUDE: 42° 02' 45"
LONGITUDE: 90° 06' 28"
ELEVATION: 616' M.S.L.
DATE: FEBRUARY 3, 2006



LOCATION OF COUNTY



REVISED 03/31/06



Hanson Professional Services Inc.

Submitted by *Charles A. Hagloch* ENG'R

Date Submitted MARCH 31, 2006

Lics. Exp. Date NOVEMBER 30, 2007

TRI-TOWNSHIP AIRPORT AUTHORITY

Approved *Rehan Turner* CHAIRMAN
Date *2/21/06*

Approved *Kenneth J. Smith* SECRETARY
Date *2-21-06*

DATE	REVISION	BY

TRI-TOWNSHIP AIRPORT
SAVANNA, CARROLL COUNTY
ILLINOIS
A.I.P. PROJ.: 3-17-0091-B12
ILL. PROJ.: SFY-3538

IB Project No. 826-08RWD-0800	10/24/05
Drawn R-001CVR.DWG	B.A.K.
Scale NOT TO SCALE	B.A.K.
Date 10/24/05	C.A.H.
LAYOUT	01/12/06
DRAWN	10/24/05
REVIEWED	10/24/05



PROPOSED WIDENING
OF RUNWAY 13/31
COVER SHEET

MAR 29, 2006 10:47 AM CAH
I:\AIRPORTS\SAVANNA\826-08RWD\AIRPORT\SHEETS\8A-001CVR.DWG - COVER

DATE	REVISION	BY

SUMMARY OF QUANTITIES

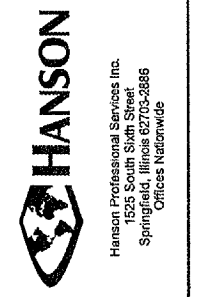
ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITIES	AS BUILT QUANTITIES
AR108158	1/C #8 5 KV UG CABLE IN UD	L.F.	8,870	
AR125540	MI THRESHOLD LIGHT STAKE MTD	EACH	2	
AR125961	RELOCATE STAKE MOUNTED LIGHT	EACH	46	
AR125962	RELOCATE BASE MOUNTED LIGHT	EACH	12	
AR150510	ENGINEER'S FIELD OFFICE	L.S.	1	
AR150540	HAUL ROUTE	L.S.	1	
AR152410	UNCLASSIFIED EXCAVATION	C.Y.	2,999	
AR156510	SILT FENCE	L.F.	7,660	
AR201610	BITUMINOUS BASE COURSE	TON	2,114	
AR209510	CRUSHED AGGREGATE BASE COURSE	TON	4,350	
AR401610	BITUMINOUS SURFACE COURSE	TON	805	
AR401900	REMOVE BITUMINOUS PAVEMENT	S.Y.	285	
AR602510	BITUMINOUS PRIME COAT	GAL.	3,183	
AR603510	BITUMINOUS TACK COAT	GAL.	1,782	
AR620520	PAVEMENT MARKING - WATERBORNE	S.F.	23,650	
AR620525	PAVEMENT MARKING - BLACK BORDER	S.F.	350	
AR620900	PAVEMENT MARKING REMOVAL	S.F.	5,760	
AR901510	SEEDING	ACRE	3.80	
AR908510	MULCHING	ACRE	2.70	
AR908520	EXCELSIOR BLANKET	S.Y.	5,169	

INDEX TO SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	SUMMARY OF QUANTITIES AND INDEX TO SHEETS
3	PROPOSED SAFETY PLAN
4	PROPOSED STORMWATER POLLUTION PREVENTION PLAN
5	PROPOSED CONSTRUCTION PLAN STA. 189+47.00 TO STA. 205+50
6	PROPOSED CONSTRUCTION PLAN STA. 205+50 TO STA. 221+50
7	PROPOSED CONSTRUCTION PLAN STA. 221+50 TO STA. 229+47.00
8	PROPOSED STAKING PLAN STA. 189+47.00 TO STA. 205+50
9	PROPOSED STAKING PLAN STA. 205+50 TO STA. 221+50
10	PROPOSED STAKING PLAN STA. 221+50 TO STA. 229+47.00
11	EXISTING ELECTRICAL PLAN STA. 189+47.00 TO STA. 205+50
12	EXISTING ELECTRICAL PLAN STA. 205+50 TO STA. 221+50
13	EXISTING ELECTRICAL PLAN STA. 221+50 TO STA. 229+47.00
14	PROPOSED ELECTRICAL PLAN STA. 189+47.00 TO STA. 205+50
15	PROPOSED ELECTRICAL PLAN STA. 205+50 TO STA. 221+50
16	PROPOSED ELECTRICAL PLAN STA. 221+50 TO STA. 229+47.00
17	ELECTRICAL DETAILS
18	ELECTRICAL DETAILS
19	ELECTRICAL NOTES
20	ELECTRICAL NOTES
21	PROPOSED MARKING PLAN STA. 189+47.00 TO STA. 205+50
22	PROPOSED MARKING PLAN STA. 205+50 TO STA. 221+50
23	PROPOSED MARKING PLAN STA. 221+50 TO STA. 229+47.00
24	PROPOSED CROSS-SECTIONS FOR RUNWAY 13/31 WIDENING STA. 189+00 TO STA. 189+50
25	PROPOSED CROSS-SECTIONS FOR RUNWAY 13/31 WIDENING STA. 190+00 TO STA. 191+00
26	PROPOSED CROSS-SECTIONS FOR RUNWAY 13/31 WIDENING STA. 191+50 TO STA. 192+50
27	PROPOSED CROSS-SECTIONS FOR RUNWAY 13/31 WIDENING STA. 193+00 TO STA. 194+00
28	PROPOSED CROSS-SECTIONS FOR RUNWAY 13/31 WIDENING STA. 194+50 TO STA. 195+50
29	PROPOSED CROSS-SECTIONS FOR RUNWAY 13/31 WIDENING STA. 196+00 TO STA. 197+00
30	PROPOSED CROSS-SECTIONS FOR RUNWAY 13/31 WIDENING STA. 197+50 TO STA. 198+50
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33	PROPOSED CROSS-SECTIONS FOR RUNWAY 13/31 WIDENING STA. 202+00 TO STA. 203+00
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35	PROPOSED CROSS-SECTIONS FOR RUNWAY 13/31 WIDENING STA. 205+00 TO STA. 206+00
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41	PROPOSED CROSS-SECTIONS FOR RUNWAY 13/31 WIDENING STA. 214+00 TO STA. 215+00
42	PROPOSED CROSS-SECTIONS FOR RUNWAY 13/31 WIDENING STA. 215+50 TO STA. 216+50
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44	PROPOSED CROSS-SECTIONS FOR RUNWAY 13/31 WIDENING STA. 218+50 TO STA. 219+50
45	PROPOSED CROSS-SECTIONS FOR RUNWAY 13/31 WIDENING STA. 220+00 TO STA. 221+00
46	PROPOSED CROSS-SECTIONS FOR RUNWAY 13/31 WIDENING STA. 221+50 TO STA. 222+50
47	PROPOSED CROSS-SECTIONS FOR RUNWAY 13/31 WIDENING STA. 223+00 TO STA. 224+00
48	PROPOSED CROSS-SECTIONS FOR RUNWAY 13/31 WIDENING STA. 224+50 TO STA. 225+50
49	PROPOSED CROSS-SECTIONS FOR RUNWAY 13/31 WIDENING STA. 226+00 TO STA. 227+00
50	PROPOSED CROSS-SECTIONS FOR RUNWAY 13/31 WIDENING STA. 227+50 TO STA. 228+50
51	PROPOSED CROSS-SECTIONS FOR RUNWAY 13/31 WIDENING STA. 229+00 TO STA. 229+90

TRI-TOWNSHIP AIRPORT
SAVANNA, CARROLL COUNTY
ILLINOIS

FILE PROJECT No. 826-06RWY1D-0800	DATE 10/24/05
EXHIBIT R-002ELP.DWG	B.A.K. 10/24/05
Scale NOT TO SCALE	B.A.K. 10/24/05
Date 10/24/05	C.A.H. 01/12/06
LAYOUT	REVIEWED
DRAWN	



PROPOSED WIDENING
OF RUNWAY 13/31
SUMMARY OF QUANTITIES
AND
INDEX TO SHEETS

SCOPE OF WORK

THIS PROJECT WILL CONSIST OF WIDENING RUNWAY 13/31 FROM 60' TO 75' IN WIDTH. ASSOCIATED WORK INCLUDES EARTHWORK, MARKING AND RELOCATION OF MEDIUM INTENSITY RUNWAY LIGHTING SYSTEM.

AIRPORT SECURITY NOTE

AIRPORT SECURITY WILL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR WILL CLOSE AND LOCK THE EXISTING GATE IN THE HAUL ROUTE AT THE END OF EACH WORKING DAY.

UTILITY NOTE

THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES AND AGENCIES WHICH 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. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY ALL UNDERGROUND NON-JULIE UTILITIES LOCATED WITHIN THE PROPOSED CONSTRUCTION LIMITS. THESE UNDERGROUND IMPROVEMENTS WILL BE LOCATED AT THE CONTRACTOR'S OWN EXPENSE PRIOR TO THE START OF CONSTRUCTION ACTIVITIES.

HEIGHT OF CONSTRUCTION EQUIPMENT

THE MAXIMUM ANTICIPATED HEIGHT OF THE CONSTRUCTION EQUIPMENT WILL BE 25 FEET. THE TALLEST EQUIPMENT IS EXPECTED TO BE A SEMI-TRUCK WITH THE TRAILER IN THE UP POSITION.

HAUL ROUTE AND VEHICLE PARKING

THE CONTRACTOR WILL USE THE DESIGNATED HAUL ROUTE AND PARKING AREA AS SHOWN ON THIS SHEET. THE PROPOSED PARKING AREA WILL BE 200' X 200'. THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN THE PROPOSED HAUL ROUTE AND PARKING AREA THROUGHOUT THE COURSE OF THE PROJECT. ANY AREAS DAMAGED OUTSIDE OF THESE AREAS WILL BE REPAIRED BY THE CONTRACTOR AND AT THE CONTRACTOR'S OWN EXPENSE. AT THE CONCLUSION OF THE PROJECT THE CONTRACTOR WILL GRADE, FERTILIZE, SEED AND MULCH THE HAUL ROUTE AND PARKING AREA AS NEEDED TO RESTORE IT 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.

CONTRACTOR RESPONSIBILITIES

THE CONTRACTOR'S EQUIPMENT PARKING AND STORAGE AREA WILL BE AS SHOWN ON THIS SHEET. THE CONTRACTOR'S EMPLOYEES WILL PARK THEIR VEHICLES IN THIS AREA. ONLY CONTRACTOR VEHICLES WILL BE ALLOWED OUTSIDE THIS AREA.

THE CONTRACTOR AND HIS EMPLOYEES WILL BE RESTRICTED TO THE WORK AREA AND ALL OTHER AREAS OF THE AIRPORT ARE "OFF LIMITS" TO THEM.

NO TRENCHES OR HOLES WILL REMAIN OPEN OVERNIGHT.

BARRICADES AND TRAFFIC CONES

IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE AND MAINTAIN BARRICADES AND TRAFFIC CONES AS DIRECTED BY THE AIRPORT MANAGER. THE BARRICADES WILL BE EQUIPPED WITH RED FLASHING OR STEADY BURN 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.

150-ENGINEER'S FIELD OFFICE NOTES

THE PROPOSED ENGINEER'S FIELD OFFICE WILL BE FURNISHED, MAINTAINED, AND REMOVED IN ACCORDANCE WITH ITEM AR150510 "ENGINEER'S FIELD OFFICE" AS STATED ON PAGE 168 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

THE LOCATION OF THE PROPOSED ENGINEER'S FIELD OFFICE WILL BE DETERMINED AT THE PRE-CONSTRUCTION MEETING.

THE ENGINEERING FIRM WILL MAKE PAYMENT FOR ALL LONG DISTANCE TELEPHONE CALLS IN EXCESS OF ONE HUNDRED DOLLARS (\$100.00) PER MONTH.

THE PROPOSED ENGINEER'S FIELD OFFICE WILL BE PAID FOR UNDER ITEMS: AR150510 ENGINEER'S FIELD OFFICE ____ 1 LS.

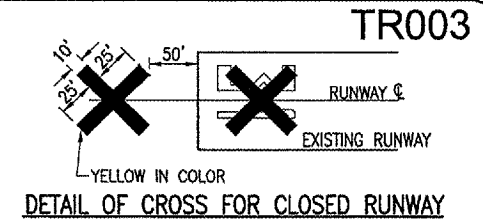
EROSION CONTROL

THIS PROJECT WILL DISTURB MORE THAN 1 ACRE OF LAND, THEREFORE A N.P.D.E.S. PERMIT WILL BE REQUIRED.

THE LOCATION, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ON THE PLANS IS NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES OF HIS OPERATIONAL PLANS AND SHALL OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION AND ASSISTANCE RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULE OF THE COMPANIES FOR REMOVAL OR ADJUSTMENT WHERE REQUIRED. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY OF JURISDICTION. THE ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

CALL J.U.L.I.E. FOR UTILITY INFORMATION AT 1-800-892-0123.

BENCHMARK DATA		
NO.	DESCRIPTION	ELEV.
1	CHISLED SQUARE ON CONC. BASE, GUIDANCE SIGN, STA 190+40, 124.5' LT.	610.85
2	CHISLED SQUARE ON CONC. BASE, GUIDANCE SIGN, STA 215+75, 111.4' LT.	612.94
3	MAG. NAIL ON CONC. BASE, RWY. LIGHT, STA. 226+01.90, 47.5' RT.	611.98



NOTE:

COST OF CONSTRUCTING, PLACING, MAINTAINING AND REMOVING CROSSES WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. THE CROSSES WILL BE YELLOW IN COLOR AND SHALL BE MADE OF A SUITABLE MATERIAL AS APPROVED BY THE AIRPORT MANAGER. THE CROSSES WILL BE PLACED OVER THE NUMERALS AND SECURED IN A MANNER APPROVED BY THE MANAGER. THE PROPOSED CROSSES WILL BE PLACED EACH DAY THE RUNWAY IS CLOSED AND REMOVED WHEN THE RUNWAY IS RE-OPENED. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PLACEMENT AND REMOVAL OF THE CROSSES. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

J.U.L.I.E. INFORMATION

COUNTY CARROLL
 CITY SAVANNA
 TOWNSHIP SAVANNA
 SECTION NO. 25
 ADDRESS TRI-TOWNSHIP AIRPORT
 8049 IL ROUTE 84S
 SAVANNA, ILLINOIS 61074

PROPOSED SAFETY PLAN

GENERAL - THE TRI-TOWNSHIP AIRPORT IS COMPRISED OF ONE RUNWAY. THE PROPOSED CONSTRUCTION WILL NECESSITATE CLOSING THE RUNWAY AND IT WILL REMAIN CLOSED UNTIL THE PROJECT IS COMPLETED. THE CONTRACTOR WILL NOTIFY THE AIRPORT MANAGER TWO WEEKS BEFORE HE STARTS THIS PROJECT. THIS WILL GIVE THE AIRPORT MANAGER SUFFICIENT TIME TO NOTIFY THE AIRPORT USERS AND ISSUE NOTAMS. ALL WORK INCLUDED IN OPENING AND CLOSING THE RUNWAY WILL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

RUNWAY CLOSURE PROCEDURES -

- * CONTACT THE AIRPORT MANAGER OR HIS ASSIGNED REPRESENTATIVE.
- * ISSUANCE OF NOTAM BY THE AIRPORT MANAGER OR HIS ASSIGNED REPRESENTATIVE.
- * PLACEMENT OF CROSSES (SEE DETAIL THIS SHEET).
- * PLACEMENT OF LIGHTED BARRICADES. ONLY AT THE TIME THAT ALL OF THE ABOVE ARE COMPLETED MAY ANY CONSTRUCTION OPERATIONS WITHIN 200 FT. OF THE EFFECTED RUNWAY CENTERLINE BEGIN.

RUNWAY REOPENING PROCEDURES -

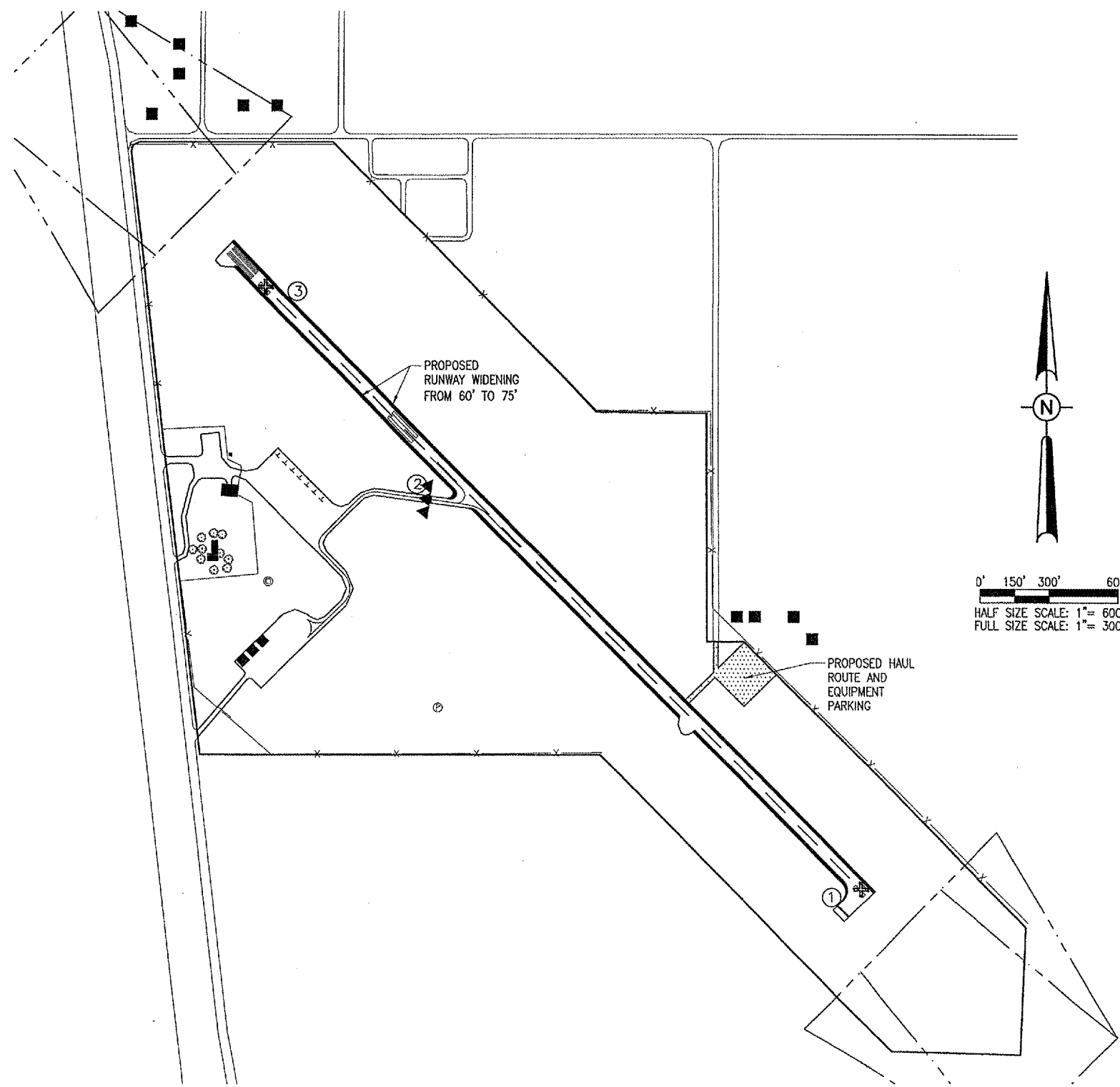
- * REMOVE CROSSES.
- * REMOVE LIGHTED BARRICADES.
- * NOTIFY THE AIRPORT MANAGER OR HIS REPRESENTATIVE TO CANCEL THE NOTAM.
- * CANCELLATION OF THE NOTAM. A CLOSED RUNWAY WILL NOT BE REOPENED UNTIL ALL EQUIPMENT AND WORK ARE FURTHER THAT 200 FT. FROM THE EFFECTED RUNWAY CENTERLINE.

IDENTIFICATION - WHEN THE CONTRACTORS VEHICLES AND EQUIPMENT ARE ON THE AIRPORT THEY SHALL BE PROPERLY MARKED WITH THREE (3') FOOT SQUARE CHECKERED FLAGS (INTERNATIONAL ORANGE AND WHITE). THE CONTRACTOR WILL ALSO PROVIDE WORKERS WITH SOME TYPE OF TAG OR GARMENT TO IDENTIFY THE PERSON AS BEING PART OF THE CONSTRUCTION CREW.

RADIO CONTROL - THE CONTRACTOR WILL BE REQUIRED TO BE IN TWO-WAY RADIO CONTACT (122.70 MHz.) WITH THE AIRPORT UNICOM. THIS WILL KEEP THE CONTRACTOR IN CONSTANT CONTACT WITH THE TRI-TOWNSHIP AIRPORT AND ENABLE THE AIRPORT TO IMMEDIATELY CONTACT THE CONTRACTOR IN CASE OF AN AERONAUTIC EMERGENCY THAT WOULD REQUIRE ACTION BY THE CONTRACTOR AND/OR HIS PERSONNEL.

LEGEND

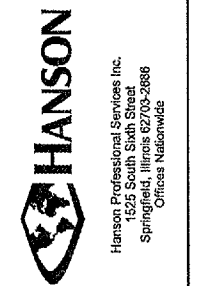
- EXISTING IMPROVEMENTS
- PROPOSED IMPROVEMENTS
- EXISTING BUILDINGS
- PROPOSED HAUL ROUTE AND EQUIPMENT PARKING AREA
- PROPOSED BENCHMARK
- PROPOSED BARRICADES OR TRAFFIC CONES



DATE	REVISION

TRI-TOWNSHIP AIRPORT
 SAVANNA, CARROLL COUNTY
 ILLINOIS
 A.I.P. PROJ.: 3-17-0091-812
 I.L. PROJ.: SFY-3538

FILE PROJECT No. 826-06RWYD_0800	DATE 10/24/05
REVISIONS R-003SET.DWG	B.A.K. 10/24/05
SCALE 1" = 300'	B.A.K. 10/24/05
DATE 10/24/05	C.A.H. 01/12/06
LAYOUT	
DRAWN	
REVIEWED	



PROPOSED WIDENING OF RUNWAY 13/31
 PROPOSED SAFETY PLAN

MAR 29, 2006 10:48 AM CAH I:\AIRPORTS\SAVANNA\826-06RWYD\AIRPORT\ SHEETS\IR-003SET.DWG - SAFETY

EROSION CONTROL NOTES

ALL PROPOSED EROSION CONTROL MEASURES SHALL BE COMPLETED AS DETAILED ON THIS EROSION CONTROL PLAN AND IN ACCORDANCE WITH THE SPECIFICATIONS.

EROSION CONTROL MEASURES ARE GOVERNED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY'S STANDARDS AND SPECIFICATIONS FOR SOIL EROSIONS AND SPECIFICATION FOR SOIL EROSIONS AND SEDIMENT CONTROL.

EROSION CONTROL FENCE SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORM WATER DRAINAGE.

COST OF REMOVAL AND REPLACEMENT SHALL BE INCLUDED IN THE UNIT PRICE FOR ITEM AR156510 SILT FENCE.

DATE	REVISION	BY

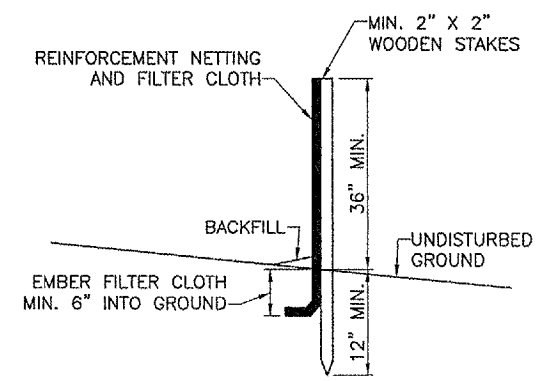
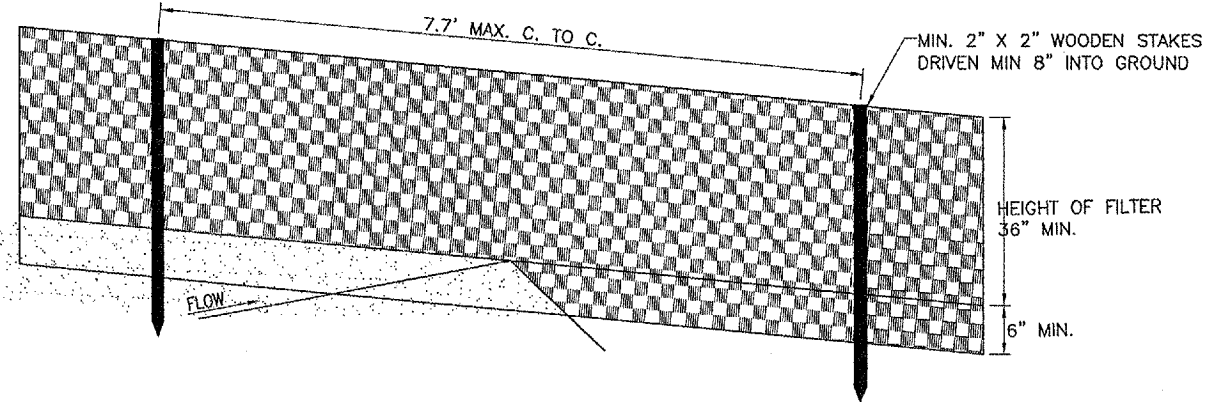
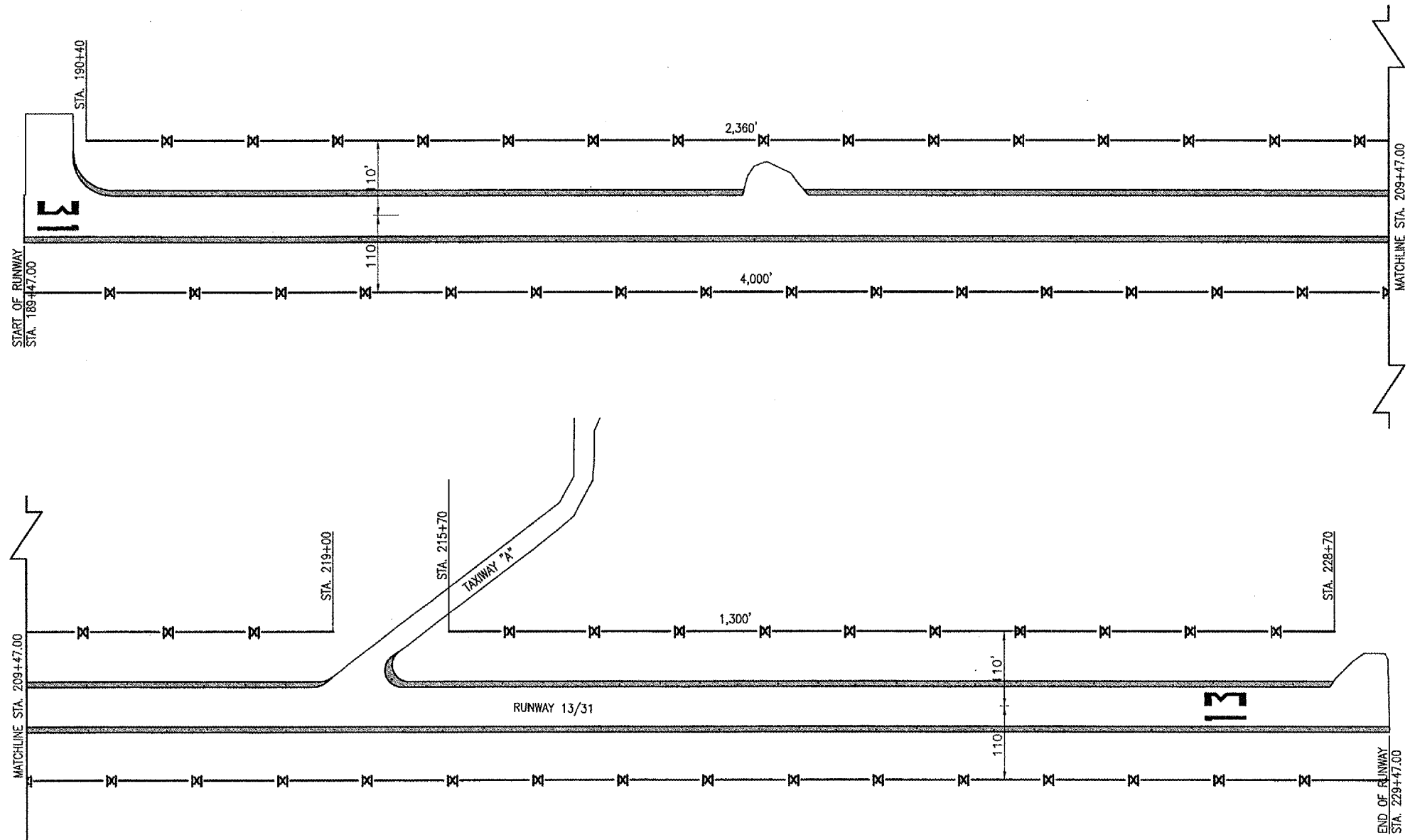
TRI-TOWNSHIP AIRPORT
SAVANNA, CARROLL COUNTY
ILLINOIS

Proj. No. 826-06RWYD-0800	
Drawn R-181SWP.DWG	
Scale	
Date 11/03/05	
LAYOUT	B.A.K. 11/03/05
DRAWN	B.A.K. 11/03/05
REVIEWED	C.A.H. 01/12/06



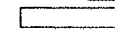

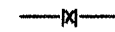
Hanson Professional Services Inc.
1524 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

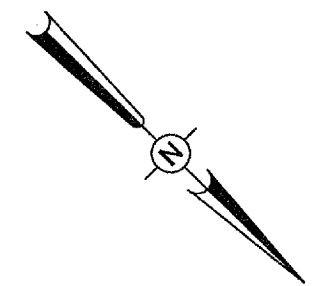
PROPOSED WIDENING
OF RUNWAY 13/31
PROPOSED STORMWATER
POLLUTION PREVENTION
PLAN



FILTER FENCE DETAIL
"NOT TO SCALE"

LEGEND

-  EXISTING PAVEMENT
-  PROPOSED PAVEMENT WIDENING
-  PROPOSED SILT FENCE



0' 50' 100' 200'
HALF SIZE SCALE: 1" = 200'
FULL SIZE SCALE: 1" = 100'

201-BITUMINOUS BASE COURSE NOTES

THE BITUMINOUS BASE COURSE (201) SHALL BE PLACED IN ACCORDANCE WITH ITEM AR201001 "BITUMINOUS BASE COURSE-METHOD 1" AS STATED ON PAGE 185 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1,2004.

THIS ITEM OF WORK SHALL CONSIST OF CONSTRUCTING TWO LIFTS OF A BITUMINOUS BASE COURSE (3 AND 2 IN. DEPTH) ON THE PROPOSED CRUSHED AGGREGATE BASE COURSE FOR THE RUNWAY 13-31 WIDENING.

THE PROPOSED BITUMINOUS BASE COURSE WILL BE DESIGNED TO A MARSHALL DESIGN OF LESS THAN 60,000 POUNDS.

201-4.9 TRANSPORTING, SPREADING, AND FINISHING.

DELETE ANY REFERENCE TO STRINGLINE AND SUBSTITUTE THE FOLLOWING:

THE CONTRACTOR WILL BE ALLOWED TO USE THE AUTOMATIC GRADE CONTROL SYSTEM OF THE PAVER THROUGH OUT THIS PROJECT. THE CONTRACTOR WILL USE A TRAVELING SKI ON THE EXISTING PAVEMENT SIDE OF THE PAVER. THIS WILL KEEP THE LIFT OF THE BITUMINOUS BASE COURSE RELATIVELY CONSISTENT IN DEPTH.

WHEN HAND SPREADING IS PERMITTED, THE MIXTURE WILL BE DISTRIBUTED AND SPREAD USING HAND TOOLS. WHEN THE WORK IS COMPLETED, THE LAYER WILL HAVE THE REQUIRED THICKNESS AND CONFORM TO THE GRADE AND SURFACE CONTOUR SHOWN ON THE PLANS.

201-4.12 SHAPING EDGES.

ADD THE FOLLOWING TO THIS PARAGRAPH:

ALL PAVEMENT EDGES (LONGITUDINAL, RADIUS, AND PAVEMENT ENDS) MUST BE LEFT IN PROPER ALIGNMENT AS SHOWN ON THE PLANS. THIS MAY BE ACCOMPLISHED BY TRIMMING METHOD OUTLINED ABOVE OR AT THE CONTRACTOR'S OPTION BY SAWING AFTER THE PAVING HAS BEEN COMPLETED. NO ADDITIONAL COMPENSATION WILL BE MADE IF THE SAWING METHOD IS USED.

DATE	REVISION	BY

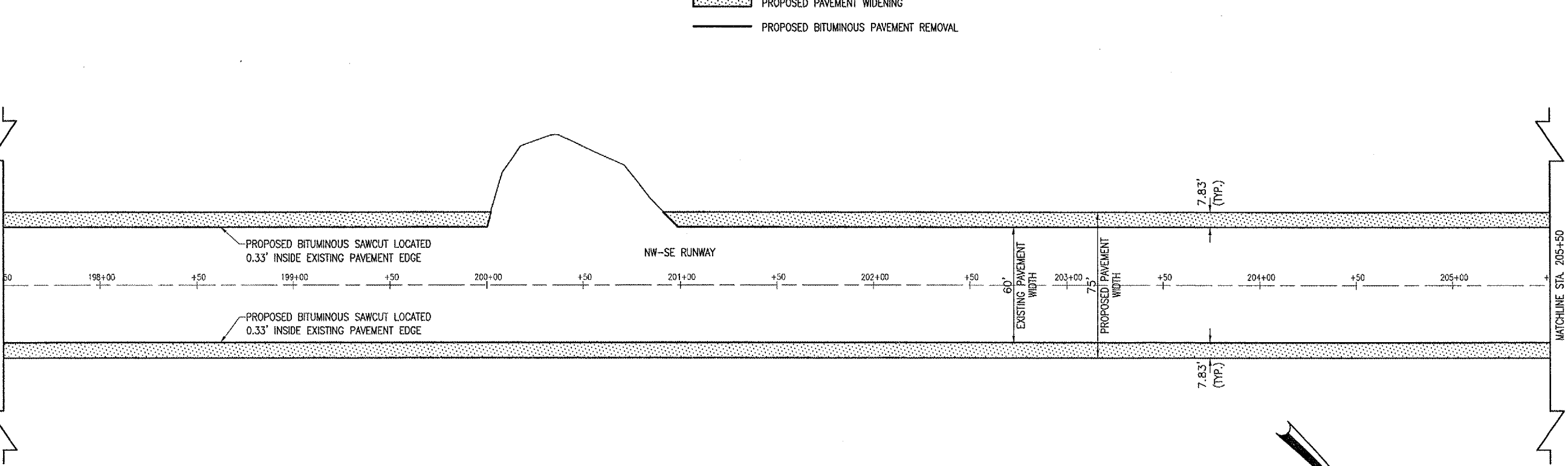
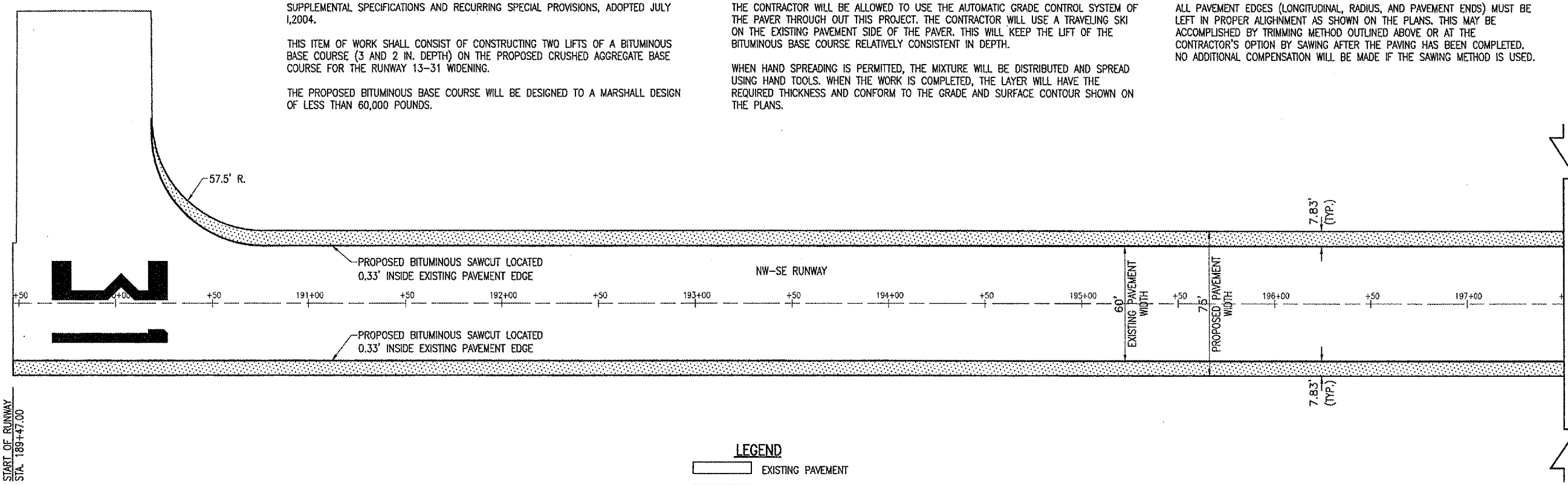
TRI-TOWNSHIP AIRPORT
SAVANNA, CARROLL COUNTY
ILLINOIS

IL PROJ.: SFY-3538 A.I.P. PROJ.: 3-17-0091-B12

HEI Project No. 626-06RMYD-0800	
Revision R-121CON.DWG	
Scale 1" = 30'	
Date 10/26/05	
LAYOUT B.A.K. 10/26/05	
DRAWN B.A.K. 10/26/05	
REVIEWED C.A.H. 01/12/06	



PROPOSED WIDENING
OF RUNWAY 13/31
CONSTRUCTION PLAN
STA. 189+47.00 TO STA. 205+50



LEGEND

- [Solid Line] EXISTING PAVEMENT
- [Dotted Pattern] PROPOSED PAVEMENT WIDENING
- [Thick Solid Line] PROPOSED BITUMINOUS PAVEMENT REMOVAL

0' 15' 30' 60'

HALF SIZE SCALE: 1" = 60'

FULL SIZE SCALE: 1" = 30'

MAR 23 2005 10:48 AM CAH I:\AIRPORTS\SAVANNA\026-06RMYD\AIRPORT\SHEETS\R-121CON.DWG - STA. 189+47.00 TO STA. 205+50

401-BITUMINOUS SURFACE COURSE NOTES

THE BITUMINOUS SURFACE COURSE (401) SHALL BE PLACED IN ACCORDANCE WITH ITEM AR401001 "BITUMINOUS SURFACE COURSE-METHOD 1" AS STATED ON PAGE 245 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1,2004.

THIS ITEM OF WORK SHALL CONSIST OF CONSTRUCTING ONE LIFT OF A BITUMINOUS SURFACE COURSE (2 IN. DEPTH) ON THE PROPOSED BITUMINOUS BASE COURSE FOR THE RUNWAY 13-31 WIDENING.

THE PROPOSED BITUMINOUS SURFACE COURSE WILL BE DESIGNED TO A MARSHALL DESIGN OF LESS THAN 60,000 POUNDS.

401-4.9 TRANSPORTING, SPREADING, AND FINISHING.

DELETE ANY REFERENCE TO STRINGLINE AND SUBSTITUTE THE FOLLOWING:

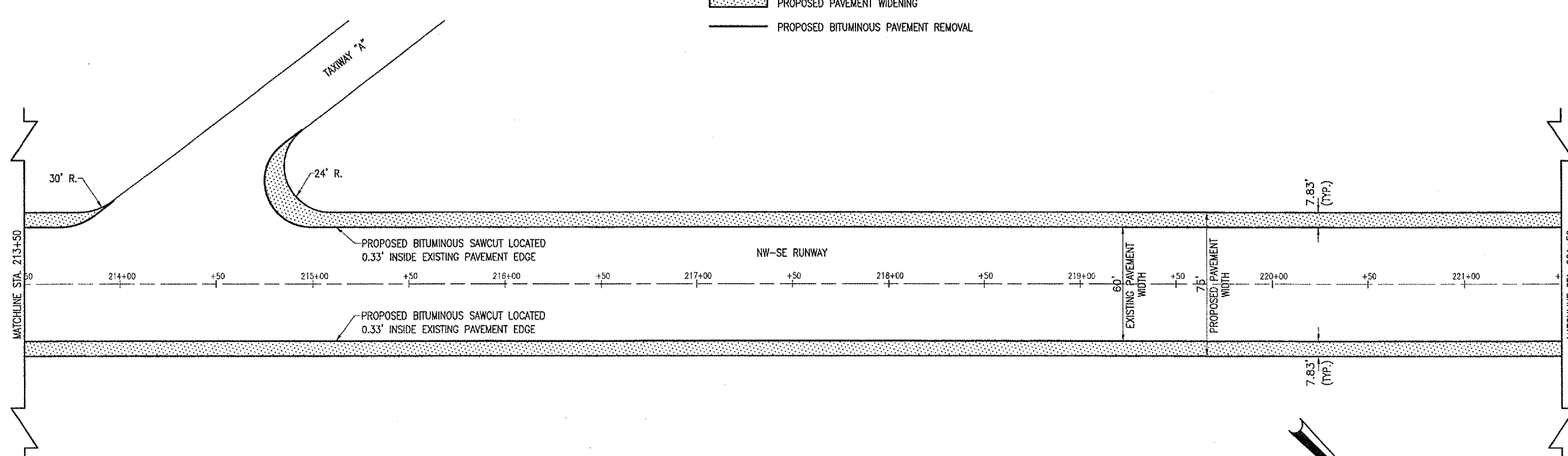
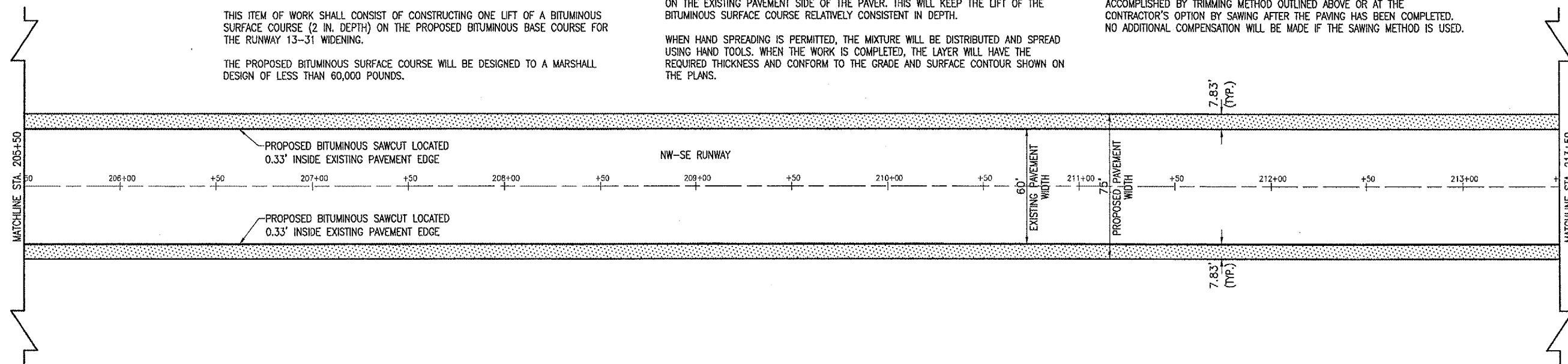
THE CONTRACTOR WILL BE ALLOWED TO USE THE AUTOMATIC GRADE CONTROL SYSTEM OF THE PAVER THROUGH OUT THIS PROJECT. THE CONTRACTOR WILL USE A TRAVELING SKI ON THE EXISTING PAVEMENT SIDE OF THE PAVER. THIS WILL KEEP THE LIFT OF THE BITUMINOUS SURFACE COURSE RELATIVELY CONSISTENT IN DEPTH.

WHEN HAND SPREADING IS PERMITTED, THE MIXTURE WILL BE DISTRIBUTED AND SPREAD USING HAND TOOLS. WHEN THE WORK IS COMPLETED, THE LAYER WILL HAVE THE REQUIRED THICKNESS AND CONFORM TO THE GRADE AND SURFACE CONTOUR SHOWN ON THE PLANS.

401-4.12 SHAPING EDGES.

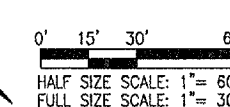
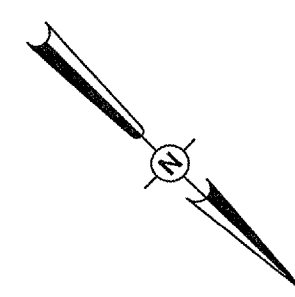
ADD THE FOLLOWING TO THIS PARAGRAPH:

ALL PAVEMENT EDGES (LONGITUDINAL, RADIUS, AND PAVEMENT ENDS) MUST BE LEFT IN PROPER ALIGNMENT AS SHOWN ON THE PLANS. THIS MAY BE ACCOMPLISHED BY TRIMMING METHOD OUTLINED ABOVE OR AT THE CONTRACTOR'S OPTION BY SAWING AFTER THE PAVING HAS BEEN COMPLETED. NO ADDITIONAL COMPENSATION WILL BE MADE IF THE SAWING METHOD IS USED.



LEGEND

- EXISTING PAVEMENT
- PROPOSED PAVEMENT WIDENING
- PROPOSED BITUMINOUS PAVEMENT REMOVAL



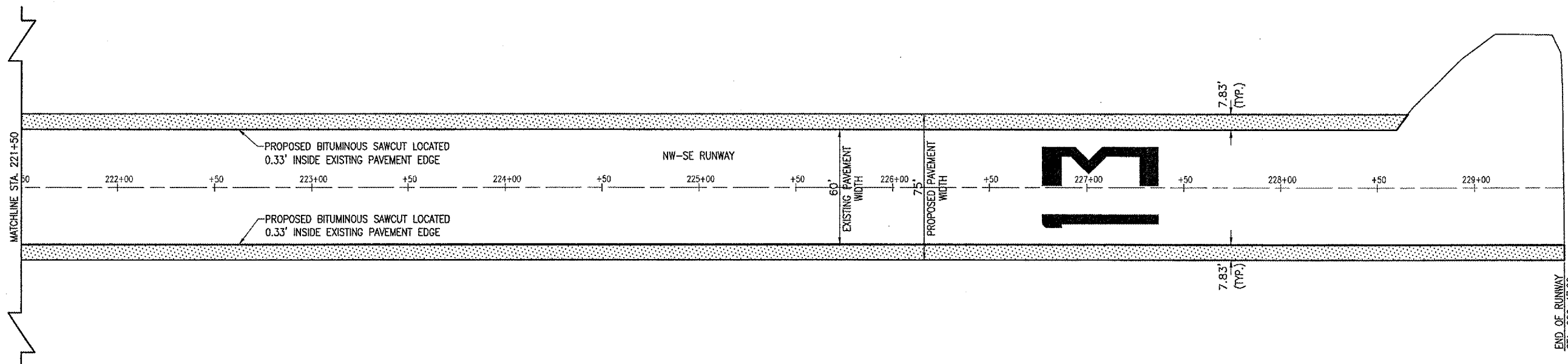
DATE	REVISION

TRI-TOWNSHIP AIRPORT
SAVANNA, CARROLL COUNTY
ILLINOIS

Project No.	826-06RWYD-0800
Sheet No.	R-12.1CON.DWG
Scale	1" = 30'
Date	10/26/05
LAYOUT	B.A.K. 10/26/05
DRAWN	B.A.K. 10/26/05
REVIEWED	C.A.H. 01/12/06



PROPOSED WIDENING
OF RUNWAY 13/31
PROPOSED
CONSTRUCTION PLAN
STA. 205+50 TO STA. 221+50



BITUMINOUS PAVEMENT REMOVAL NOTES

THE BITUMINOUS PAVEMENT REMOVAL SHALL CONSIST OF REMOVING THE EXISTING RUNWAY PAVEMENT AT THE LOCATIONS SHOWN ON THE CONSTRUCTION DRAWINGS. THE EXISTING BITUMINOUS SURFACE SHALL BE REMOVED FULL DEPTH AND DISPOSED OF BY THE CONTRACTOR OFF THE AIRPORT PROPERTY.

THE CONTRACTOR IS REQUIRED TO SAWCUT THE EXISTING PAVEMENT USING A WHEEL SAW AT THE LOCATIONS WHERE THE PROPOSED WIDENING WILL MATCH THE EXISTING PAVEMENT, AS SHOWN.

THE PAVEMENT SAWING WILL BE CONSIDERED INCIDENTAL TO THE PAVEMENT REMOVAL AND NO ADDITIONAL COMPENSATION WILL BE MADE.

ANY ADJACENT PAVEMENT DAMAGED BY THE PAVEMENT REMOVAL OPERATIONS WILL BE REPAIRED AT THE CONTRACTOR'S OWN EXPENSE.

THE QUANTITY OF BITUMINOUS PAVEMENT REMOVAL TO BE PAID FOR SHALL BE THE NUMBER OF SQUARE YARDS OF PAVEMENT REMOVED, AND DISPOSED OF IN ACCORDANCE WITH THE SPECIFICATIONS, CONSTRUCTION DRAWINGS, AND ACCEPTED BY THE ENGINEER. MEASUREMENT OF THE BITUMINOUS PAVEMENT REMOVAL SHALL BE TO THE NEAREST SQUARE YARD.

ALL BITUMINOUS PAVEMENT REMOVAL WILL BE PAID FOR UNDER ITEM:
AR401900 REMOVE BITUMINOUS PAVEMENT ____ 285 S.Y.

152410-UNCLASSIFIED EXCAVATION NOTES:

THE PROPOSED UNCLASSIFIED EXCAVATION SHALL BE PLACED IN ACCORDANCE WITH ITEM 152 "EXCAVATION AND EMBANKMENT" AS STATED ON PAGE 25 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

THE EARTH SUBGRADE WILL BE FIRST ROUGH CUT TO THE SPECIFIED ELEVATIONS, THE ELEVATIONS SHOWN ON THE STAKING PLAN ARE FOR FINISHED PAVEMENT. SUBGRADE ELEVATIONS WILL BE THE GRADE SHOWN MINUS THE PAVEMENT THICKNESS (INCLUDING BASE).

MATERIAL TO BE USED FOR SHOULDERING WILL BE STORED OUTSIDE OF THE PROPOSED PAVEMENT AREA AND WITHIN THE GRADING LIMITS.

THE MATERIAL TO BE USED FOR THE SHOULDERING WILL BE TOPSOIL OBTAINED FROM THE ON SITE UNCLASSIFIED EXCAVATION.

THE EXCAVATED AREAS WILL BE COMPACTED IN ACCORDANCE WITH PROCEDURES FOR AIRCRAFT WEIGHING LESS THAN 60,000 POUNDS.

THE PROPOSED SHOULDER MATERIAL WILL ONLY REQUIRE "LIGHT COMPACTION" TO THE SATISFACTION OF THE RESIDENT ENGINEER.

ALL EARTHWORK WILL BE CLASSIFIED AS "UNCLASSIFIED EXCAVATION".

THE PROPOSED UNCLASSIFIED EXCAVATION WILL BE PAID FOR UNDER ITEM:
AR152410 UNCLASSIFIED EXCAVATION ____ 2,999 C.Y.

602-BITUMINOUS PRIME COAT NOTES:

THE BITUMINOUS PRIME COAT (602) SHALL BE PLACED IN ACCORDANCE WITH ITEM AR602 "BITUMINOUS PRIME COAT" AS STATED ON PAGE 58 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

THE PROPOSED BITUMINOUS PRIME COAT SHALL BE PLACED ON THE PROPOSED AGGREGATE BASE COURSE PRIOR TO THE PLACEMENT OF THE FIRST LIFT OF PROPOSED BITUMINOUS SURFACE COURSE. THE PROPOSED AGGREGATE BASE COURSE SHALL HAVE A PRIME COAT OF BITUMINOUS MATERIAL APPLIED IN ACCORDANCE WITH THE REQUIREMENTS OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS.

THE PROPOSED BITUMINOUS PRIME COAT WILL BE PAID FOR UNDER ITEM:
AR602510 BITUMINOUS PRIME COAT ____ 3,183 GAL.

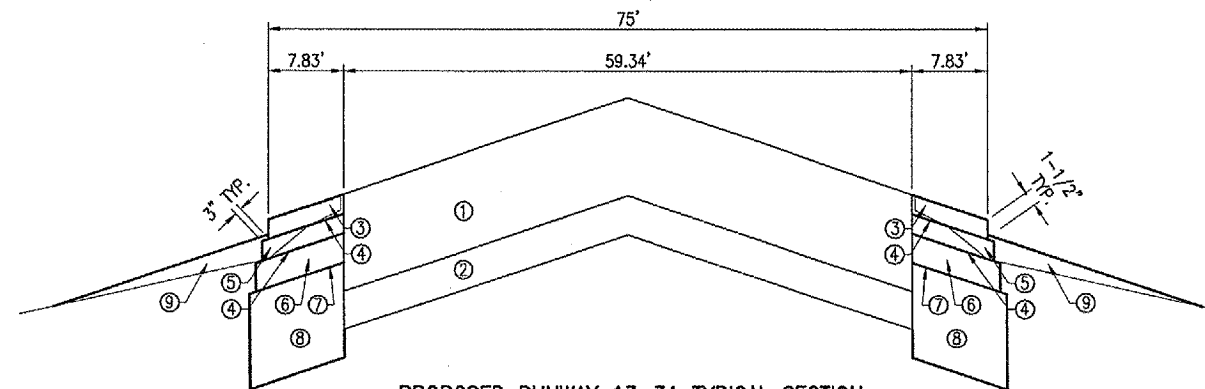
603-BITUMINOUS TACK COAT NOTES:

THE BITUMINOUS TACK COAT (603) SHALL BE PLACED IN ACCORDANCE WITH ITEM AR603 "BITUMINOUS TACK COAT" AS STATED ON PAGE 62 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

AN APPLICATION OF BITUMINOUS TACK WILL BE SPRAYED BEFORE THE PLACEMENT OF THE LIFT OF BITUMINOUS SURFACE COURSE AND IN BETWEEN LIFTS OF BITUMINOUS SURFACE COURSE. THE PLAN QUANTITY IS BASED ON THREE APPLICATIONS AT A RATE OF 0.1 GALLONS PER SQUARE YARD. THE PROPOSED BITUMINOUS PAVEMENT SHALL HAVE A TACK COAT OF BITUMINOUS MATERIAL APPLIED IN ACCORDANCE WITH THE REQUIREMENTS OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS.

THE VERTICAL FACE OF ALL BUTT JOINTS WILL BE PAINTED WITH A LIQUID ASPHALT (TACK COAT).

THE PROPOSED BITUMINOUS TACK COAT WILL BE PAID FOR UNDER ITEM:
AR603510 BITUMINOUS TACK COAT ____ 1,782 GAL.



PROPOSED RUNWAY 13-31 TYPICAL SECTION

"NOT TO SCALE"

NOTE:

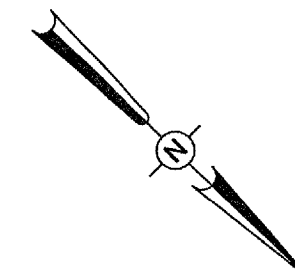
THE EXISTING PAVEMENT CONFIGURATION IS, FROM STA. 189+47 TO STA. 200+00 IS 10" BITUMINOUS ON 4" CRUSHED AGGREGATE BASE COURSE, FROM STA. 200+00 TO STA. 229+47 IS 8" BITUMINOUS ON 7" CRUSHED AGGREGATE BASE COURSE.

LEGEND FOR RUNWAY 13-31 TYPICAL SECTION

- ① EXISTING BITUMINOUS
- ② EXISTING CRUSHED AGGREGATE BASE COURSE
- ③ PROPOSED 401 BITUMINOUS SURFACE COURSE (2" DEPTH)
- ④ PROPOSED 603 BITUMINOUS TACK COAT (0.15 GAL./S.Y.)
- ⑤ PROPOSED 201 BITUMINOUS BASE COURSE (2" DEPTH)
- ⑥ PROPOSED 201 BITUMINOUS BASE COURSE (3" DEPTH)
- ⑦ PROPOSED 602 BITUMINOUS PRIME COAT (0.35 GAL./S.Y.)
- ⑧ PROPOSED 209 CRUSHED AGGREGATE BASE COURSE (10" DEPTH)
- ⑨ PROPOSED 152 UNCLASSIFIED EXCAVATION

LEGEND

- EXISTING PAVEMENT
- PROPOSED PAVEMENT WIDENING
- PROPOSED BITUMINOUS PAVEMENT REMOVAL



0' 15' 30' 60'
HALF SIZE SCALE: 1" = 60'
FULL SIZE SCALE: 1" = 30'

DATE	REVISION	BY

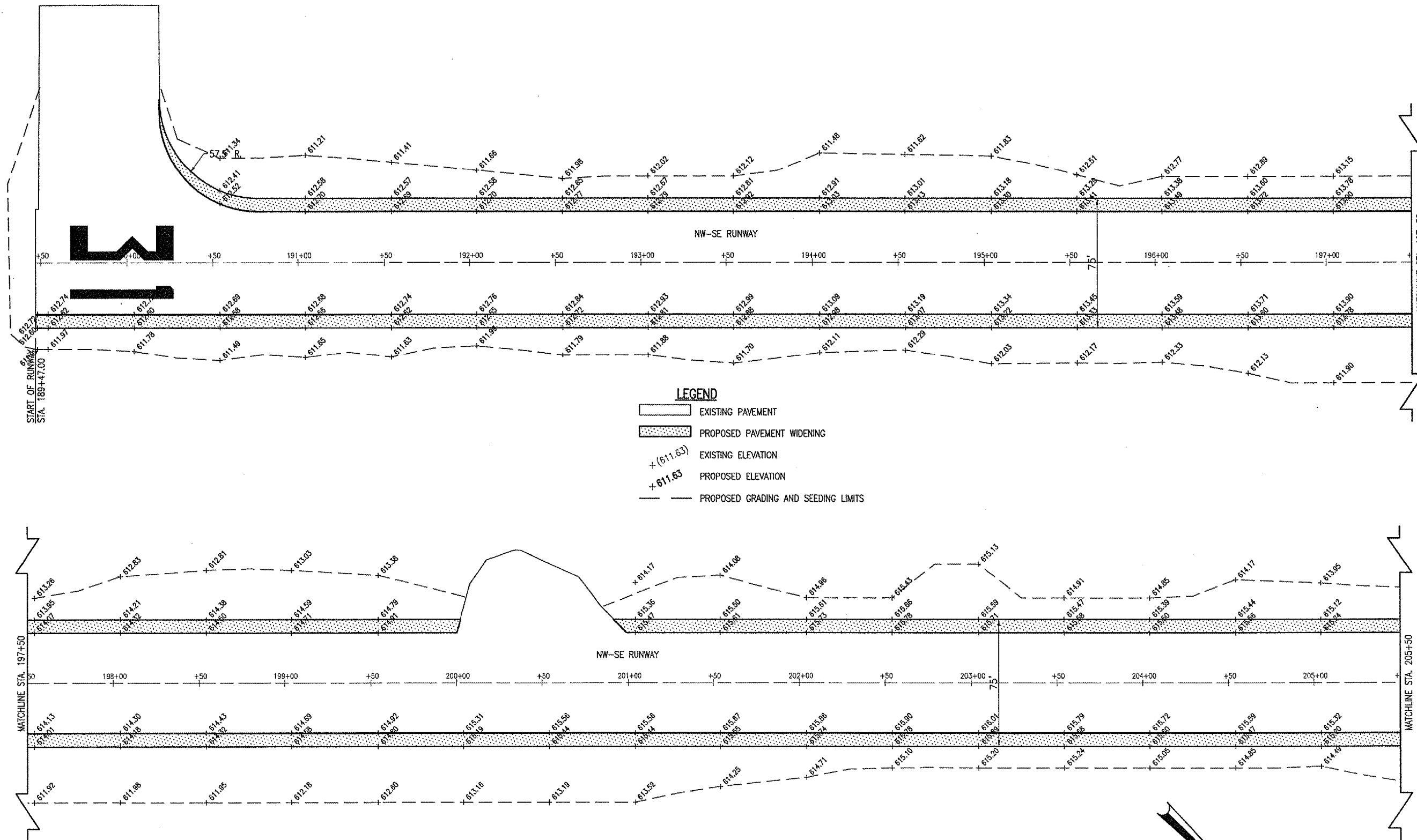
TRI-TOWNSHIP AIRPORT
SAVANNA, CARROLL COUNTY
ILLINOIS
A.I.P. PROJ.: 3-17-0991-B12
IL PROJ.: SPY-3538

HEL Project No. 826-08RWTD-0800	FILENAME R-121CON.DWG	DATE 10/26/05
SCALE 1"=30'	SCALE 1"=30'	SCALE 10/26/05
DATE 10/26/05	LAYOUT B.A.K.	10/26/05
DATE 10/26/05	DRAWN B.A.K.	10/26/05
DATE 01/12/06	REVIEWED C.A.H.	01/12/06

HANSON
Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62705-2986
Offices Nationwide

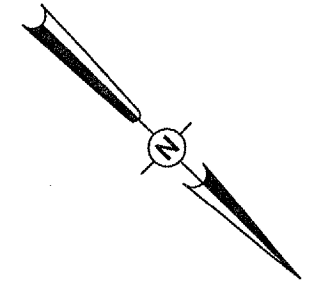
PROPOSED WIDENING
OF RUNWAY 13/31
PROPOSED
CONSTRUCTION PLAN
STA. 221+50 TO STA. 229+47.00

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LEGEND

- EXISTING PAVEMENT
- PROPOSED PAVEMENT WIDENING
- EXISTING ELEVATION
- PROPOSED ELEVATION
- PROPOSED GRADING AND SEEDING LIMITS



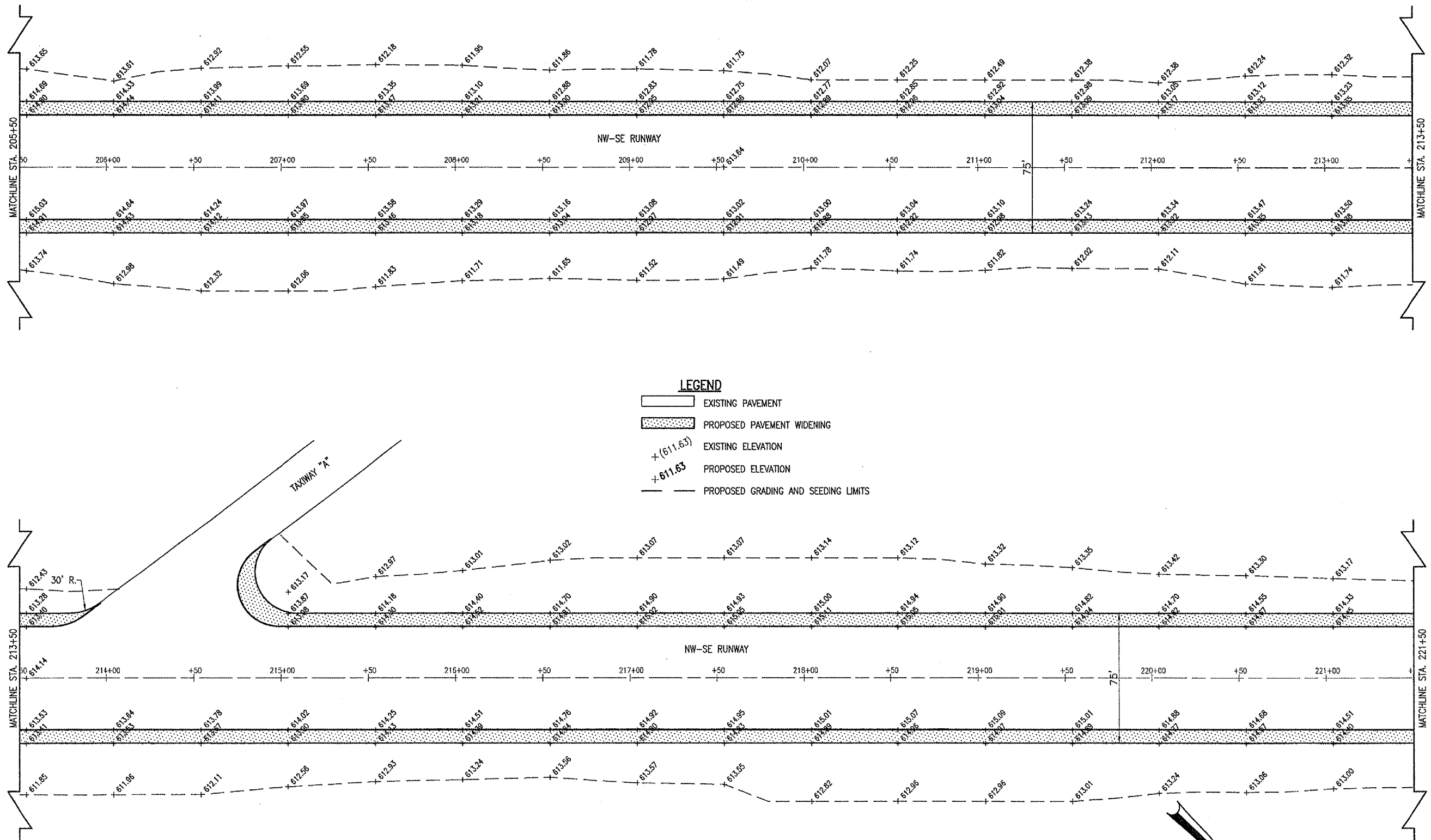
DATE	REVISION	BY

TRI-TOWNSHIP AIRPORT
 SAVANNA, CARROLL COUNTY
 ILLINOIS

HEL Project No. 826-06RWYD_0800	
Filename: R-191STK.DWG	
Scale: 1" = 30'	
Date: 10/28/05	
LAYOUT	B.A.K. 10/28/05
DRAWN	B.A.K. 10/28/05
REVIEWED	C.A.H. 01/12/06

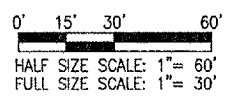
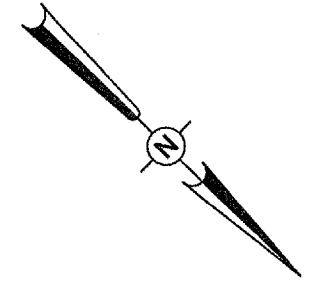
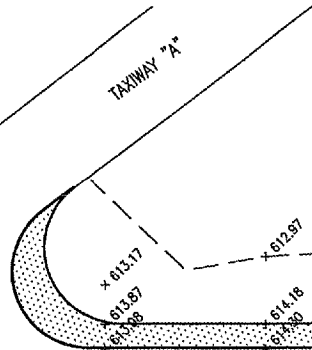
Hanson Professional Services, Inc.
 1028 South St
 Springfield, IL 62763-2886
 Offices Nationwide

PROPOSED WIDENING
 OF RUNWAY 13/31
 PROPOSED
 STAKING PLAN
 STA. 189+47.00 TO STA. 205+50



LEGEND

- EXISTING PAVEMENT
- PROPOSED PAVEMENT WIDENING
- + (611.63) EXISTING ELEVATION
- + 611.63 PROPOSED ELEVATION
- PROPOSED GRADING AND SEEDING LIMITS



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DATE	REVISION	BY

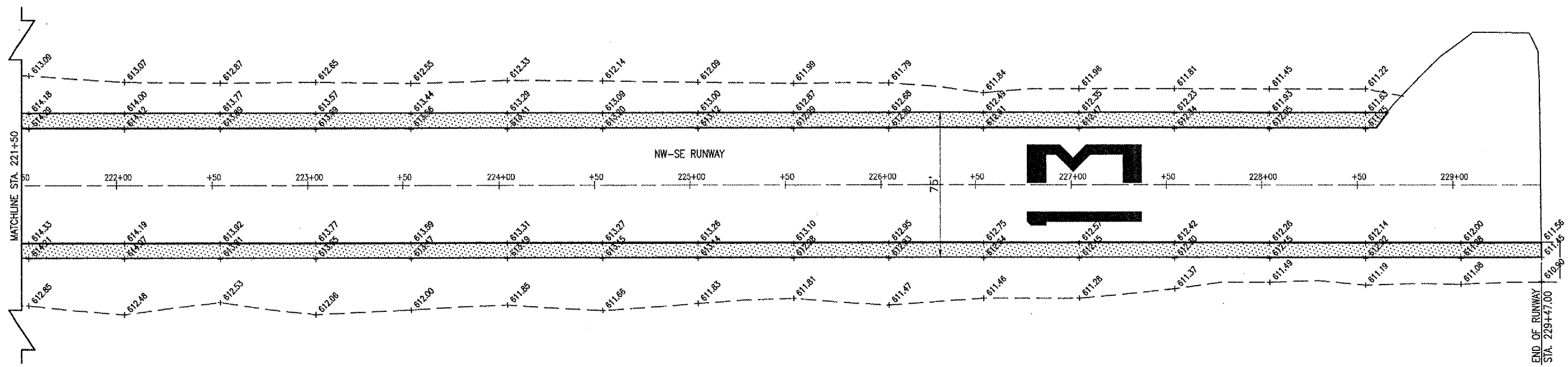
TRI-TOWNSHIP AIRPORT
 SAVANNA, CARROLL COUNTY
 ILLINOIS

FILE: Project Lib.: 826-06RWYD_0800	FILE: R-191STK.DWG
Scale: 1" = 30'	Date: 10/28/05
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PROPOSED WIDENING
 OF RUNWAY 13/31
 PROPOSED
 STAKING PLAN
 STA. 205+50 TO STA. 221+50

IL PROJ.: SFY-3538 A.I.P. PROJ.: 3-17-0091-B12



901 SEEDING NOTES

THE PROPOSED SEEDING SHALL BE ACCOMPLISHED IN ACCORDANCE WITH ITEM 901 "SEEDING" AS STATED ON PAGE 120 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

ALL DISTURBED AREAS LOCATED WITHIN THE PROPOSED GRADING AND SEEDING LIMITS WILL BE SEEDDED IN ACCORDANCE WITH THE ABOVE NOTED SPECIFICATION. ALL AREAS OUTSIDE THE DESIGNATED GRADING AND SEEDING LIMITS WILL ALSO BE SEEDDED BUT AT THE CONTRACTOR'S OWN EXPENSE.

ALL MATERIALS AND/OR DEBRIS RESULTING FROM THE SEEDING OPERATIONS WILL BE REMOVED FROM THE PAVEMENTS AND MISCELLANEOUS STRUCTURES PRIOR TO OPENING THE RUNWAY.

901-3.4 MAINTENANCE OF SEEDDED AREAS. DELETE THE SECOND PARAGRAPH OF THIS SECTION AND ADD THE FOLLOWING:

"THE CONTRACTOR WILL BE REQUIRED TO ESTABLISH A GOOD STAND OF GRASS OF UNIFORM COLOR AND DENSITY TO THE SATISFACTION OF THE RESIDENT ENGINEER. IF AT THE TIME WHEN THE CONTRACT HAS BEEN OTHERWISE COMPLETED, IT IS NOT POSSIBLE TO MAKE AN ADEQUATE DETERMINATION OF COLOR, DENSITY, AND UNIFORMITY OF SUCH STAND OF GRASS, THE ITEM OF WORK WILL BE REVIEWED AT A LATER DATE DETERMINED BY THE ILLINOIS DIVISION OF AERONAUTICS."

DATE SEEDING COMPLETED _____

THE PROPOSED SEEDING WILL BE PAID FOR UNDER ITEM:
AR901510 SEEDING _____ 3.8 ACRES

908 MULCHING NOTES

THE PROPOSED MULCHING SHALL BE ACCOMPLISHED IN ACCORDANCE WITH ITEM 908 "MULCHING" AS STATED ON PAGE 127 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

THIS ITEM SHALL CONSIST OF THE FURNISHING, TRANSPORTING, AND PLACING MULCH OVER THE SEEDDED AREA. DISTURBED AREAS OUTSIDE THE GRADING LIMITS SHALL ALSO BE MULCHED AND PARTICIPATION WILL BE THE SAME AS FOR SEEDDED AREAS.

908-2.1 MULCH MATERIAL: THE CONTRACTOR MAY EITHER FURNISH STRAW OR HYROMULCH AS THE TYPE OF MULCH MATERIAL TO BE USED ON THIS PROJECT.

908-3.1 MULCHING: THE HYDRAULIC MULCH SHALL BE APPLIED AS A SLURRY OF 2,500 POUNDS OF MULCH AND NOT LESS THAN 2,500 GALLONS OF WATER PER ACRE.

908-3.4 STRUCTURE CLEANING: AFTER THE PROPOSED MULCH HAS BEEN APPLIED, THE CONTRACTOR WILL CLEAN THE MULCH OFF ALL STRUCTURES (DRAINAGE, ELECTRICAL, LIGHTS, ETC.).

DATE MULCHING COMPLETED _____

THE PROPOSED MULCHING WILL BE PAID FOR UNDER ITEM:
AR908510 MULCHING _____ 2.7 ACRES

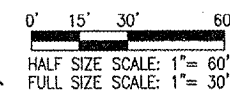
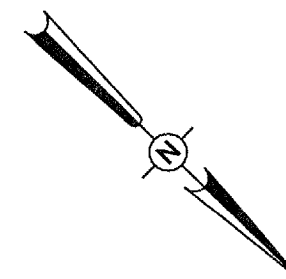
EXCELSIOR BLANKET NOTES

AN EROSION CONTROL MATERIAL (EXCELSIOR BLANKET) WILL BE INSTALLED ON THE FIRST SIX FEET OF THE EARTH SHOULDER AND IN ACCORDANCE WITH THE SPECIAL PROVISIONS.

THIS ITEM OF WORK SHALL BE PAID FOR UNDER ITEM:
AR908520 "EXCELSIOR BLANKET" _____ 5,169 S.Y.

LEGEND

	EXISTING PAVEMENT
	PROPOSED PAVEMENT WIDENING
+ (611.63)	EXISTING ELEVATION
+ 611.63	PROPOSED ELEVATION
	PROPOSED GRADING AND SEEDING LIMITS



REVISION	DATE	BY

TRI-TOWNSHIP AIRPORT
SAVANNA, CARROLL COUNTY
ILLINOIS

HL Project No. 826-06RWYD-0800	10/28/05
Element R-191STK.DWG	B.A.K.
Scale 1"=30'	10/28/05
Date 10/28/05	B.A.K.
LAYOUT	C.A.H.
DRAWN	01/12/06
REVIEWED	



PROPOSED WIDENING
OF RUNWAY 13/31








PROPOSED
STAKING PLAN

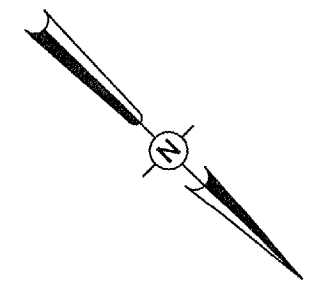
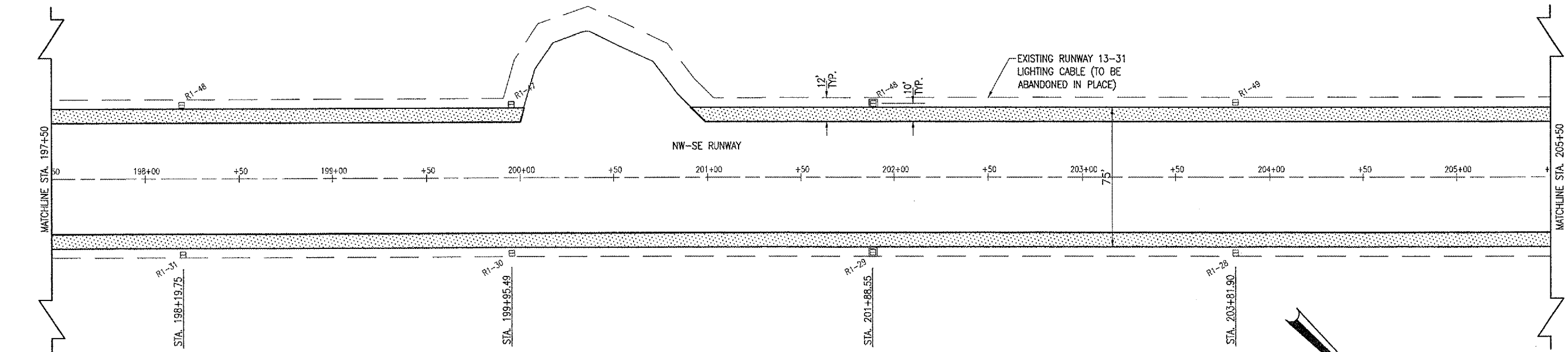
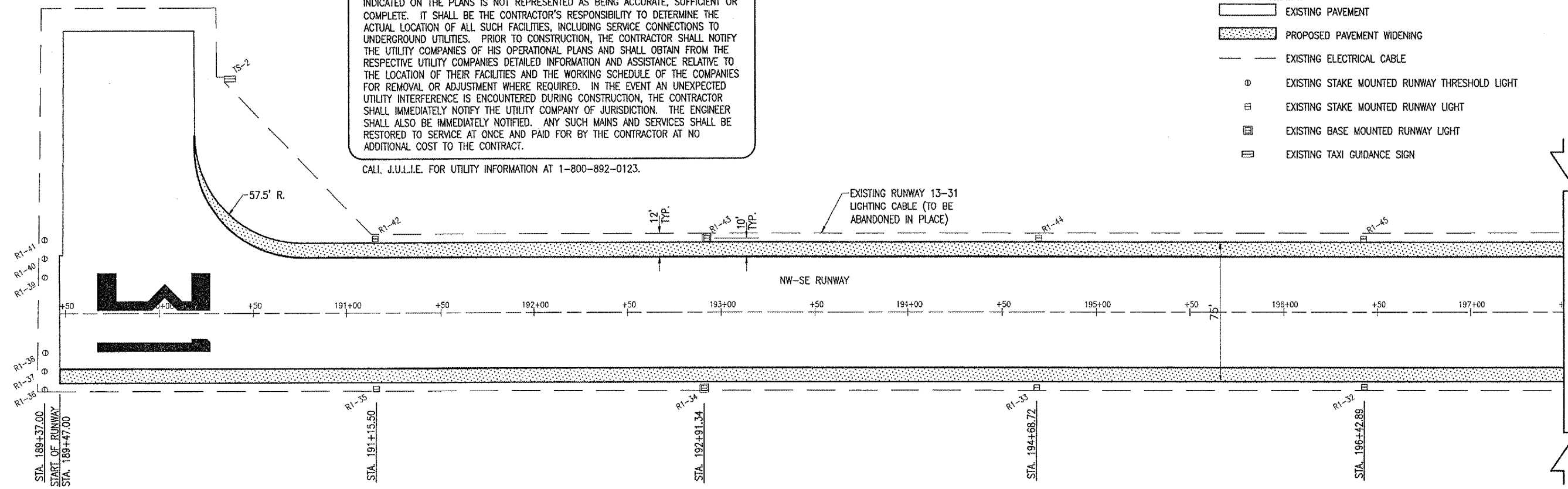
STA. 221+50 TO STA. 229+47.00

MAR 29, 2006 10:52 AM CAH I:\AIRPORTS\SAVANNA\826-06RWYD\AIRPORT\SHEETS\R-191STK.DWG - STA. 221+50 TO STA. 229+47.00

THE LOCATION, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ON THE PLANS IS NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES OF HIS OPERATIONAL PLANS AND SHALL OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION AND ASSISTANCE RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULE OF THE COMPANIES FOR REMOVAL OR ADJUSTMENT WHERE REQUIRED. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY OF JURISDICTION. THE ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

CALL J.U.L.I.E. FOR UTILITY INFORMATION AT 1-800-892-0123.

- LEGEND**
-  EXISTING PAVEMENT
 -  PROPOSED PAVEMENT WIDENING
 -  EXISTING ELECTRICAL CABLE
 -  EXISTING STAKE MOUNTED RUNWAY THRESHOLD LIGHT
 -  EXISTING STAKE MOUNTED RUNWAY LIGHT
 -  EXISTING BASE MOUNTED RUNWAY LIGHT
 -  EXISTING TAXI GUIDANCE SIGN



0' 15' 30' 60'
 HALF SIZE SCALE: 1" = 60'
 FULL SIZE SCALE: 1" = 30'

DATE	REVISION	BY

TRI-TOWNSHIP AIRPORT
 SAVANNA, CARROLL COUNTY
 ILLINOIS

IL PROJ.: SFY-3538 A.I.P. PROJ.: 3-17-0091-B12

IEL Project No. 826-06RWYD_0800 Filename: R-141ELE.DWG Scale: 1" = 30' Date: 10/31/05	LAYOUT DRAWN: B.A.K. 10/31/05 REVIEWED: C.A.H. 01/12/06
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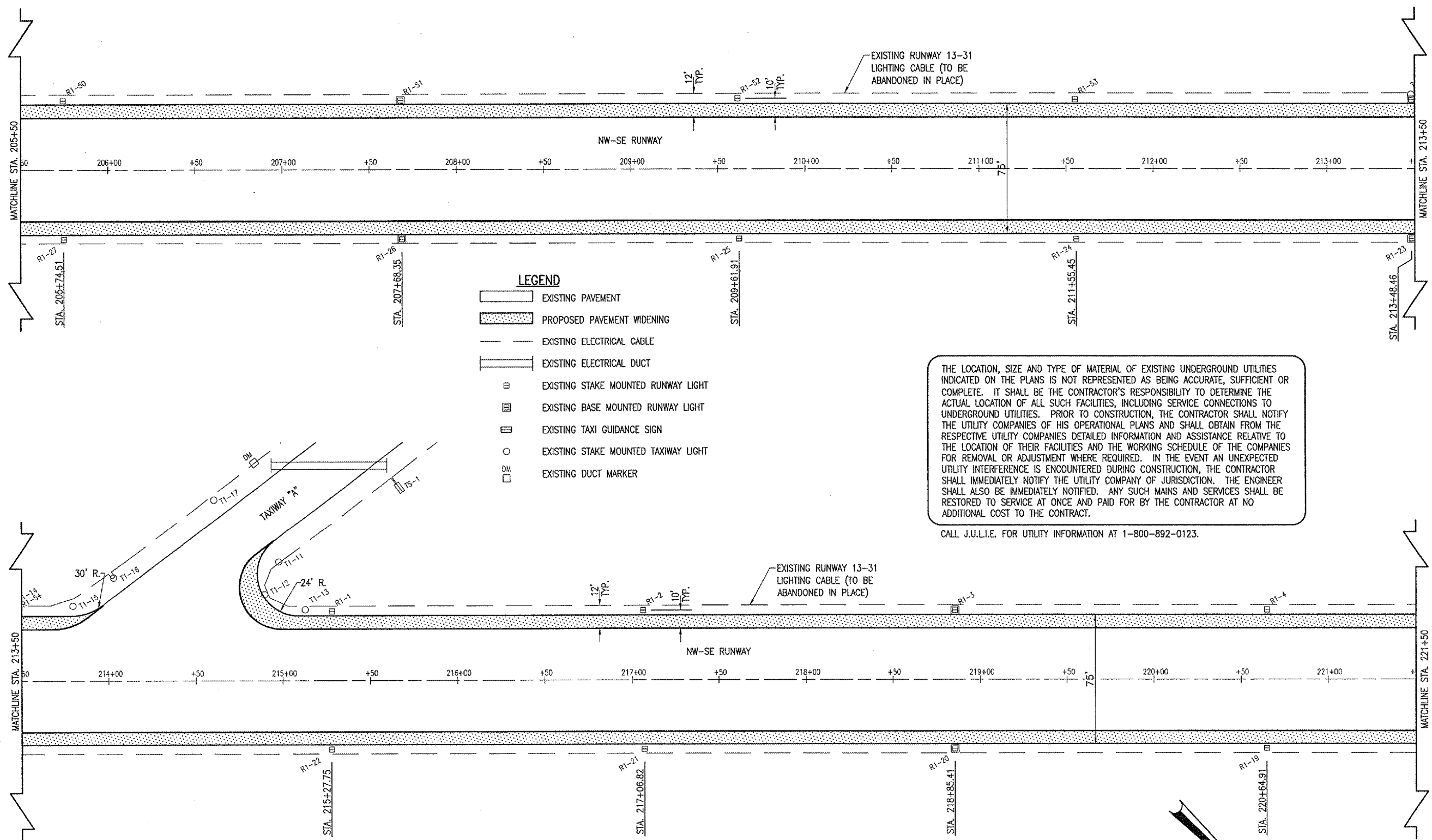


PROPOSED WIDENING
 OF RUNWAY 13/31

EXISTING
 ELECTRICAL PLAN

STA. 189+47.00 TO STA. 205+50

MAR 29, 2006 10:49 AM CAH
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- LEGEND**
- EXISTING PAVEMENT
 - PROPOSED PAVEMENT WIDENING
 - EXISTING ELECTRICAL CABLE
 - EXISTING ELECTRICAL DUCT
 - EXISTING STAKE MOUNTED RUNWAY LIGHT
 - EXISTING BASE MOUNTED RUNWAY LIGHT
 - EXISTING TAXI GUIDANCE SIGN
 - EXISTING STAKE MOUNTED TAXIWAY LIGHT
 - EXISTING DUCT MARKER

THE LOCATION, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ON THE PLANS IS NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES OF HIS OPERATIONAL PLANS AND SHALL OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION AND ASSISTANCE RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULE OF THE COMPANIES FOR REMOVAL OR ADJUSTMENT WHERE REQUIRED. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY OF JURISDICTION. THE ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

CALL J.U.L.I.E. FOR UTILITY INFORMATION AT 1-800-892-0123.

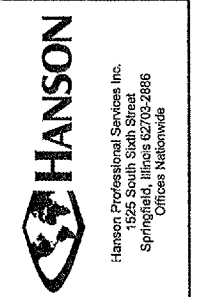
MAR 29, 2006 10:50 AM CAH
 I:\AIRPORTS\SAVANNA\826-06RWY\AIRPORT\SHEETS\R-14ELE.DWG - STA. 205+50 TO STA. 221+50

DATE	REVISION	BY

TRI-TOWNSHIP AIRPORT
 SAVANNA, CARROLL COUNTY
 ILLINOIS

IL PROJ.: SPY-3538 A.I.P. PROJ.: 3-17-0091-B12

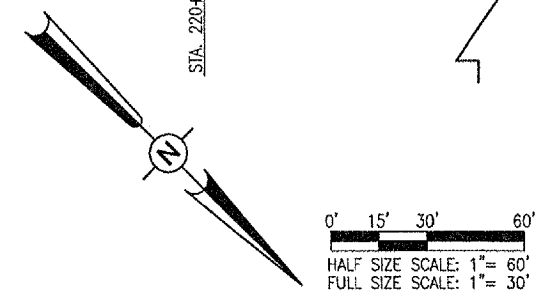
REL. Project No.	826-06RWYD-0800
Drawn	R-14.1ELE.DWG
Scale	1"=30'
Date	10/31/05
LAYOUT	B.A.K. 10/31/05
DRAWN	B.A.K. 10/31/05
REVIEWED	C.A.H. 01/12/06



PROPOSED WIDENING
 OF RUNWAY 13/31

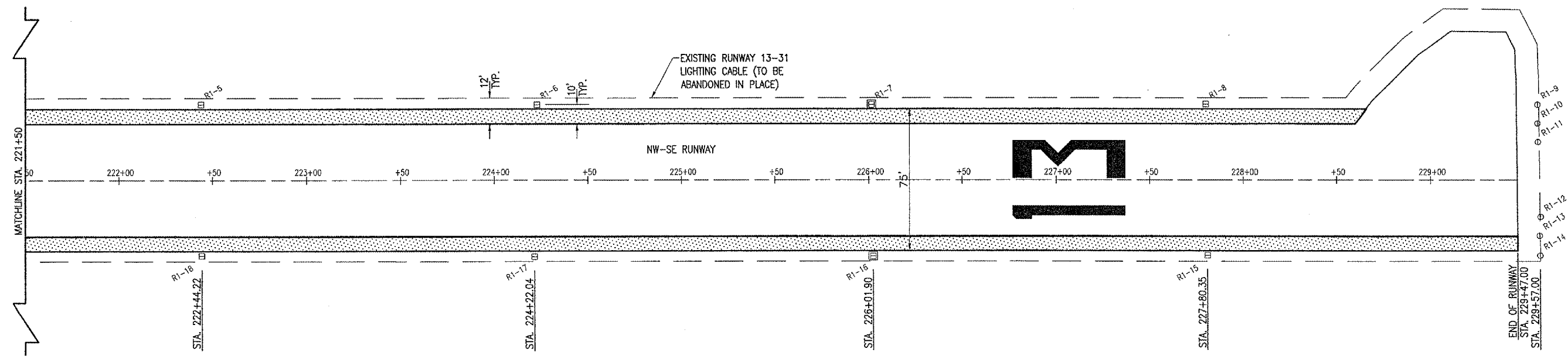
EXISTING
 ELECTRICAL PLAN

STA. 205+50 TO STA. 221+50



MAR 29, 2006 10:50 AM CAH
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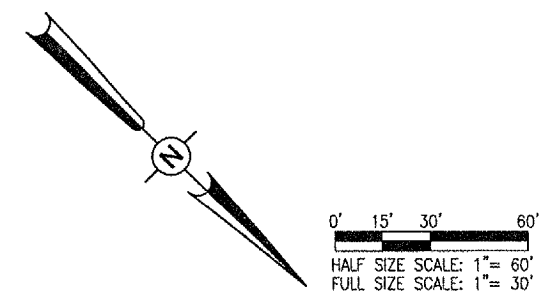
TR003



THE LOCATION, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ON THE PLANS IS NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES OF HIS OPERATIONAL PLANS AND SHALL OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION AND ASSISTANCE RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULE OF THE COMPANIES FOR REMOVAL OR ADJUSTMENT WHERE REQUIRED. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY OF JURISDICTION. THE ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

CALL J.U.L.I.E. FOR UTILITY INFORMATION AT 1-800-892-0123.

- LEGEND**
- EXISTING PAVEMENT
 - PROPOSED PAVEMENT WIDENING
 - EXISTING ELECTRICAL CABLE
 - EXISTING STAKE MOUNTED RUNWAY THRESHOLD LIGHT
 - EXISTING STAKE MOUNTED RUNWAY LIGHT
 - EXISTING BASE MOUNTED RUNWAY LIGHT



DATE	REVISION	BY

TRI-TOWNSHIP AIRPORT
 SAVANNA, CARROLL COUNTY
 ILLINOIS

IL. PROJ.: SF7-3538 A.I.P. PROJ.: 3-17-0091-B12

Hanson Professional Services Inc.	
Drawn: R-14.1.ELE.DWG	Date: 10/31/05
Scale: 1" = 30'	
LAYOUT	B.A.K. 10/31/05
DRAWN	B.A.K. 10/31/05
REVIEWED	C.A.H. 01/12/06

HANSON

Hanson Professional Services Inc.
 1525 South Sixth Street
 Springfield, Illinois 62705-2886
 Offices Nationwide

PROPOSED WIDENING
 OF RUNWAY 13/31

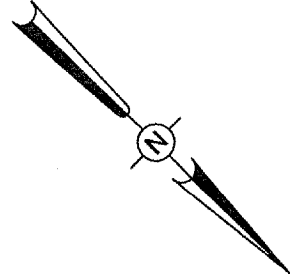
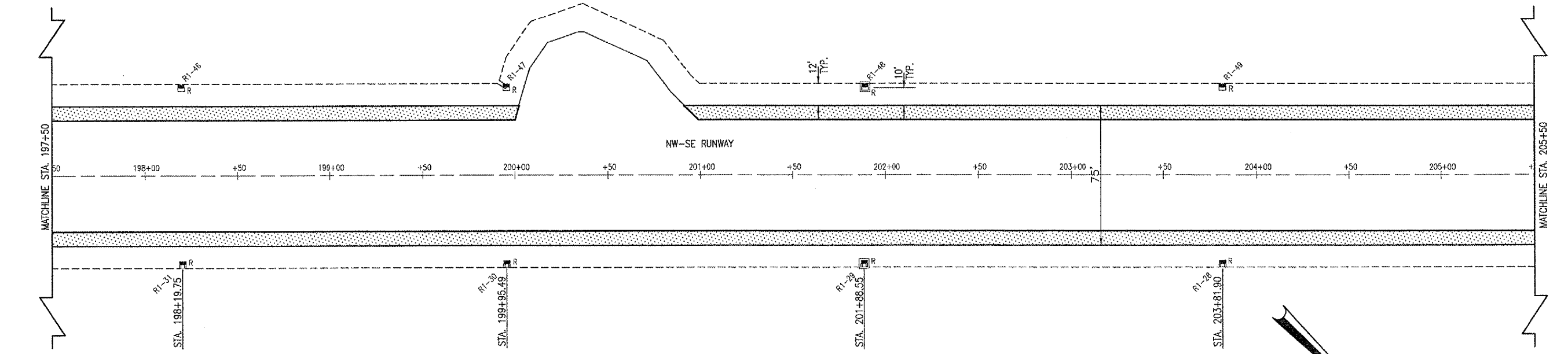
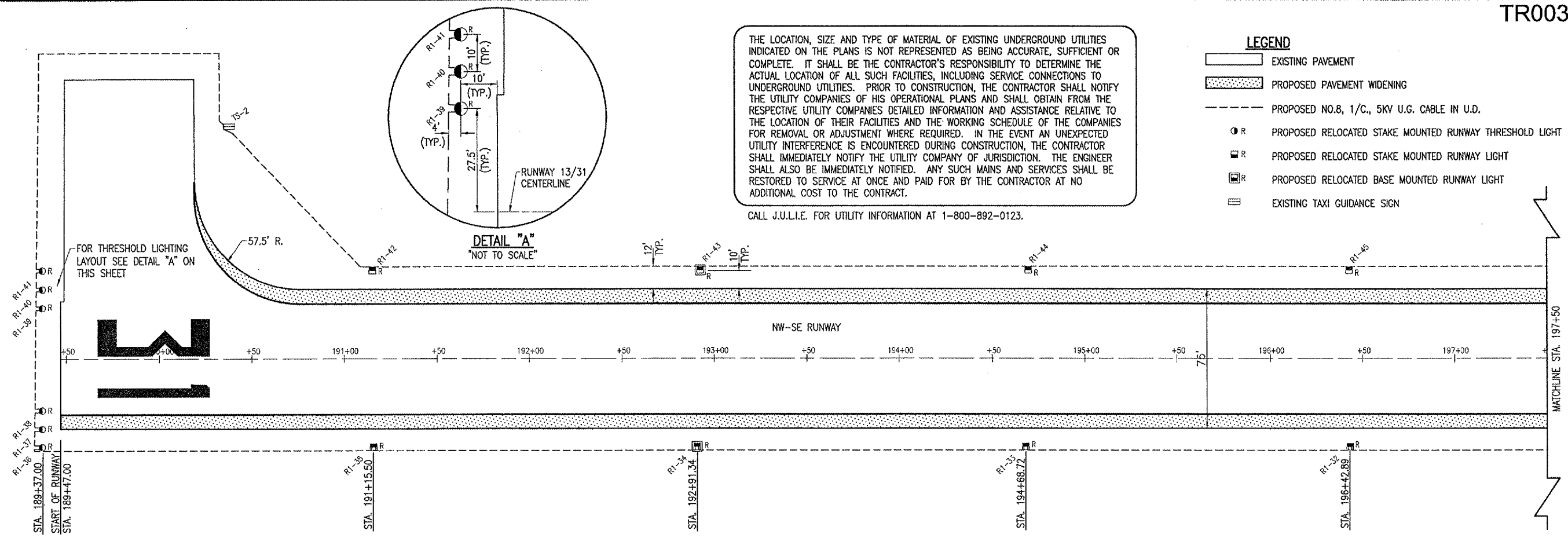
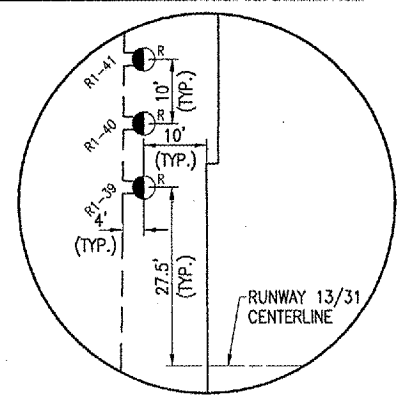
EXISTING
 ELECTRICAL PLAN

STA. 221+50 TO STA. 229+47.00

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CALL J.U.L.I.E. FOR UTILITY INFORMATION AT 1-800-892-0123.

- LEGEND**
- EXISTING PAVEMENT
 - PROPOSED PAVEMENT WIDENING
 - PROPOSED NO.8, 1/C., 5KV U.G. CABLE IN U.D.
 - PROPOSED RELOCATED STAKE MOUNTED RUNWAY THRESHOLD LIGHT
 - PROPOSED RELOCATED STAKE MOUNTED RUNWAY LIGHT
 - PROPOSED RELOCATED BASE MOUNTED RUNWAY LIGHT
 - EXISTING TAXI GUIDANCE SIGN



0' 15' 30' 60'
 HALF SIZE SCALE: 1" = 60'
 FULL SIZE SCALE: 1" = 30'

DATE	REVISION	BY

TRI-TOWNSHIP AIRPORT
 SAVANNA, CARROLL COUNTY
 ILLINOIS

IL PROJ: SPY-3538 A.I.P. PROJ: 3-17-0091-812

Proj. No. 826-06RWYD_0800	Drawn: R-142ELE.DWG	Date: 11/01/05
Scale: 1" = 30'	LAYOUT	B.A.K. 11/01/05
DATE: 11/01/05	DRAWN	B.A.K. 11/01/05
	REVIEWED	C.A.H. 01/12/06



PROPOSED WIDENING
 OF RUNWAY 13/31

PROPOSED
 ELECTRICAL PLAN

STA. 189+47.00 TO STA. 205+50

MAR 29, 2006 10:50 AM CAH
 I:\AIRPORTS\SAVANNA\826-06RWY\AIRPORT\SHEETS\R-142ELE.DWG - STA. 189+47.00 TO STA. 205+50

MAR 29, 2006 10:50 AM CAH
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TR003

DATE	REVISION	BY

TRI-TOWNSHIP AIRPORT
 SAVANNA, CARROLL COUNTY
 ILLINOIS

IL PROJ.: SFY-3538 A.I.P. PROJ.: 3-17-0091-B12

HEI Project No. 826-06RWYD.0800	Drawings R-142ELE.DWG	Scale 1"=30'	Date 11/01/05
LAYOUT	B.A.K.	11/01/05	
DRAWN	B.A.K.	11/01/05	
REVIEWED	C.A.H.	01/12/06	

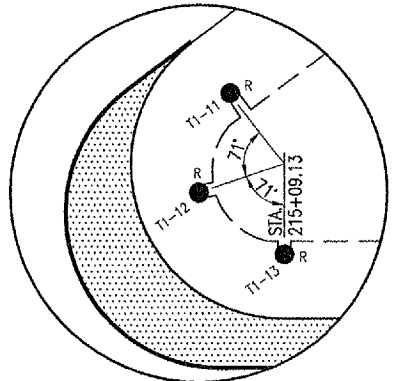
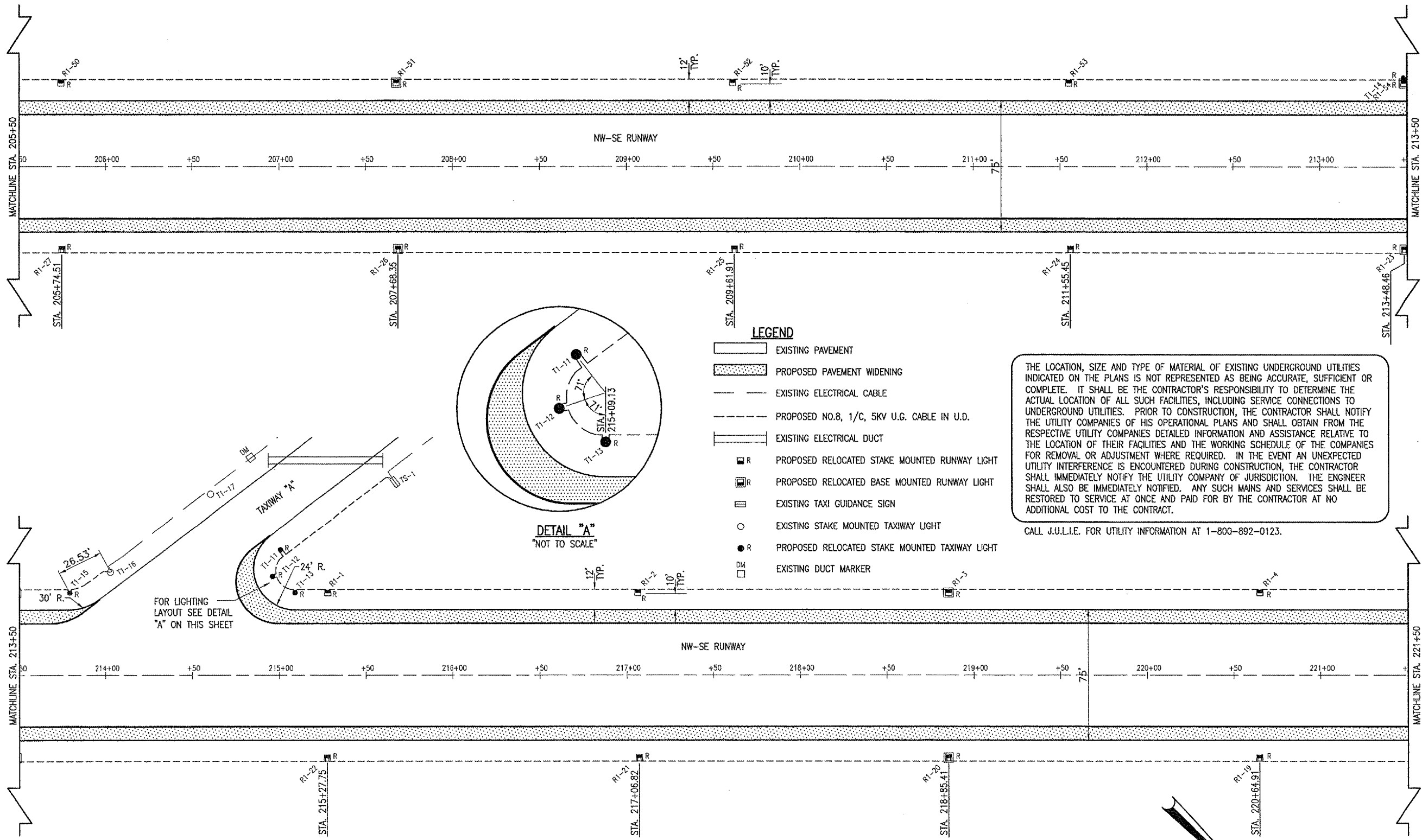


Hanson Professional Services Inc.
 1525 South Sixth Street
 Springfield, Illinois 62703-2886
 Offices Nationwide

PROPOSED WIDENING
 OF RUNWAY 13/31

PROPOSED
 ELECTRICAL PLAN

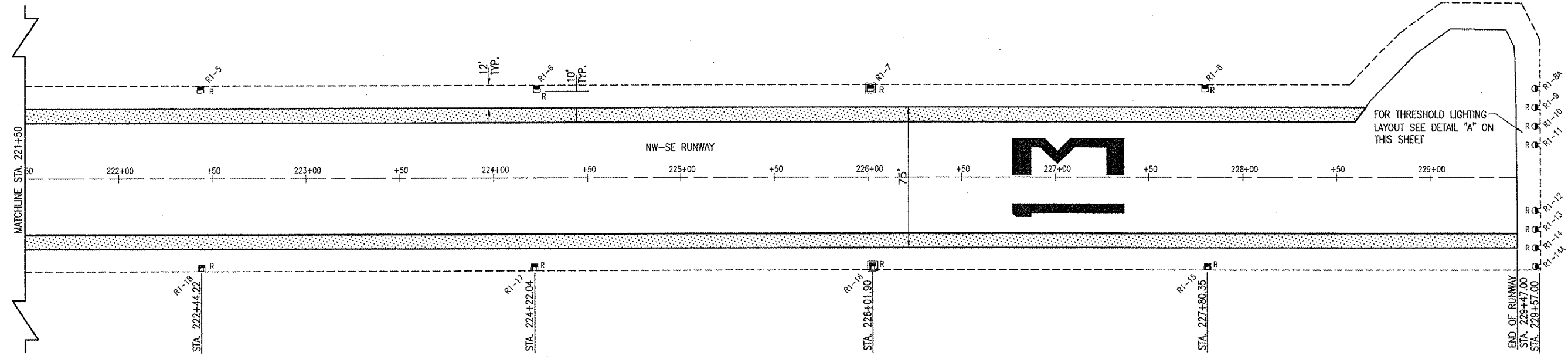
STA. 205+50 TO STA. 221+50



- LEGEND**
- EXISTING PAVEMENT
 - PROPOSED PAVEMENT WIDENING
 - EXISTING ELECTRICAL CABLE
 - PROPOSED NO.8, 1/C, 5KV U.G. CABLE IN U.D.
 - EXISTING ELECTRICAL DUCT
 - PROPOSED RELOCATED STAKE MOUNTED RUNWAY LIGHT
 - PROPOSED RELOCATED BASE MOUNTED RUNWAY LIGHT
 - EXISTING TAXI GUIDANCE SIGN
 - EXISTING STAKE MOUNTED TAXIWAY LIGHT
 - PROPOSED RELOCATED STAKE MOUNTED TAXIWAY LIGHT
 - EXISTING DUCT MARKER

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LIGHTING NOTES

THE CONTRACTOR IS REQUIRED TO RELOCATE THE EXISTING MEDIUM INTENSITY THRESHOLD LIGHTS, RUNWAY LIGHTS, TAXIWAY LIGHTS TO THE LOCATIONS SHOWN ON THESE DRAWINGS.

NEW ELECTRICAL CABLE AND ISOLATION TRANSFORMERS WILL BE FURNISHED TO INCORPORATE THE RELOCATED LIGHTS INTO THE PROPOSED LIGHTING SYSTEM.

FURNISHING AND INSTALLING THE ISOLATED TRANSFORMERS WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE LIGHT RELOCATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE EXISTING TRANSFORMERS ARE THE PROPERTY OF THE AIRPORT AND THEY WILL BE OFFERED TO THEM. IF THE AIRPORT MANAGER DOESN'T WANT THEM, THEN THE CONTRACTOR WILL DISPOSE OF THEM OFF THE AIRPORT SITE AT HIS OWN EXPENSE.

THE REMOVAL OF THE LIGHTS TO BE RELOCATED WILL BE INCIDENTAL TO ITEMS AR125961 AND AR125962, RESPECTIVELY.

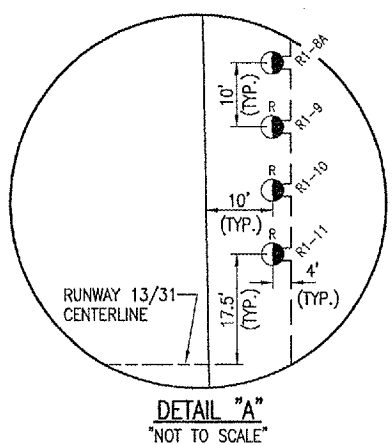
EXISTING CABLE IS TO BE ABANDONED IN PLACE UNLESS IT CONFLICTS WITH THE INSTALLATION OF A PROPOSED LIGHT OR CABLE, THEN IT WILL BE REMOVED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

ALL HOLES WILL BE FILLED IN BY THE CONTRACTOR WITH EARTH AND COMPACTED TO PREVENT FUTURE SETTLEMENT.

ANY LIGHTS OR SIGNS DAMAGED BY THE CONTRACTOR WILL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

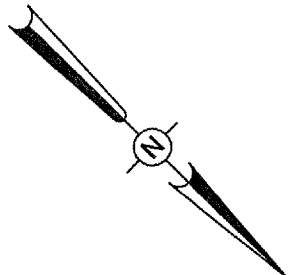
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LEGEND

- EXISTING PAVEMENT
- PROPOSED PAVEMENT WIDENING
- PROPOSED NO. 8, 1/C, 5KV U.G. CABLE IN U.D.
- PROPOSED STAKE MOUNTED RUNWAY THRESHOLD LIGHT
- PROPOSED RELOCATED STAKE MOUNTED RUNWAY THRESHOLD LIGHT
- PROPOSED RELOCATED STAKE MOUNTED RUNWAY LIGHT
- PROPOSED RELOCATED BASE MOUNTED RUNWAY LIGHT



BY	REVISION	DATE

TRI-TOWNSHIP AIRPORT
SAVANNA, CARROLL COUNTY
ILLINOIS

A.I.P. PROJ.: 3-17-0091-B12
IL PROJ.: SFY-3538

Project No. 826-08RWD_0800	10/31/05
Drawn R-142ELE.DWG	B.A.K.
Scale 1"=30'	10/31/05
Date 10/31/05	C.A.H.
LAYOUT	01/12/06
DRAWN	
REVIEWED	

Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2885
Offices Nationwide

PROPOSED WIDENING
OF RUNWAY 13/31

PROPOSED
ELECTRICAL PLAN

STA. 221+50 TO STA. 229+47.00

MAR 29, 2006 10:50 AM CAH I:\AIRPORTS\SAVANNA\826-08RWD\AIRPORT\SHETS\R-142ELE.DWG - STA. 221+50 TO STA. 229+47.00

DATE	REVISION

TRI-TOWNSHIP AIRPORT
SAVANNA, CARROLL COUNTY
ILLINOIS

Proj. No. 826-06RWYD-0800	
Drawn R-541ELE.DWG	
Scale NOT TO SCALE	
Date 10/24/05	
LAYOUT B.A.K. 10/24/05	
DRAWN B.A.K. 10/24/05	
REVIEWED C.A.H. 01/12/06	

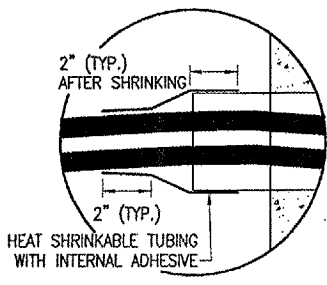
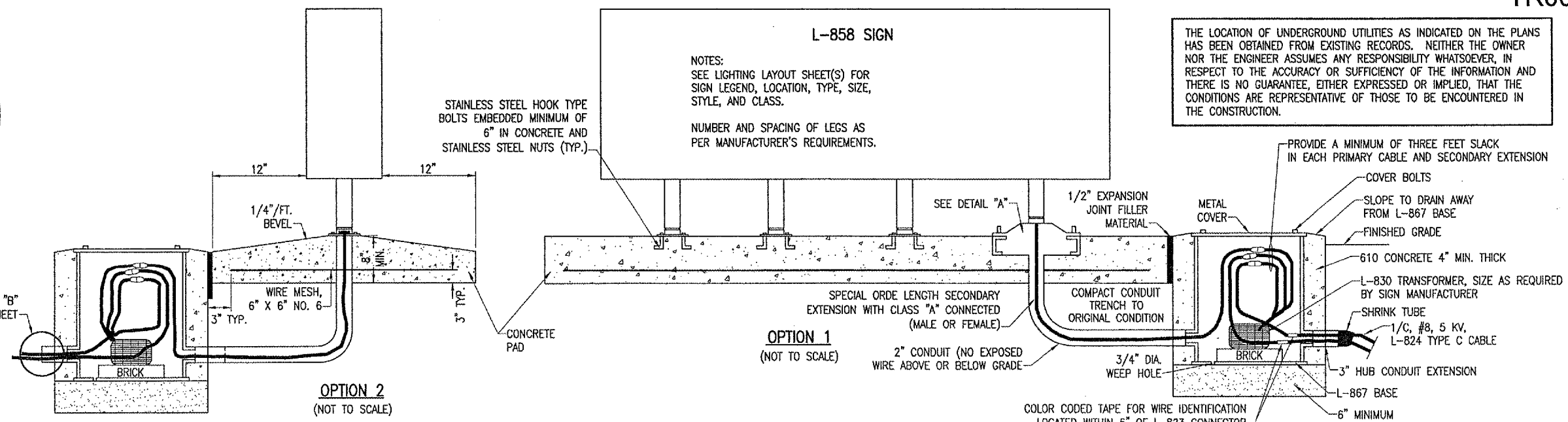
HANSON
Hanson Professional Services Inc.
1626 South Sixth Street
Springfield, Illinois 62702-2886
Chicago, Illinois

PROPOSED WIDENING
OF RUNWAY 13/31

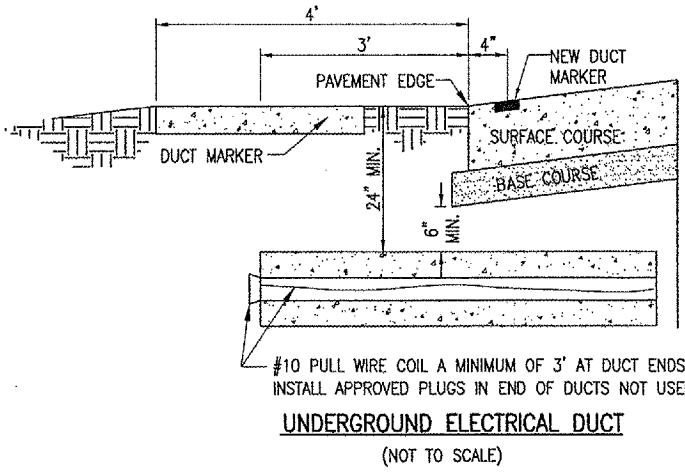
ELECTRICAL DETAILS

THE LOCATION OF UNDERGROUND UTILITIES AS INDICATED ON THE PLANS HAS BEEN OBTAINED FROM EXISTING RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER, IN RESPECT TO THE ACCURACY OR SUFFICIENCY OF THE INFORMATION AND THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE CONDITIONS ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION.

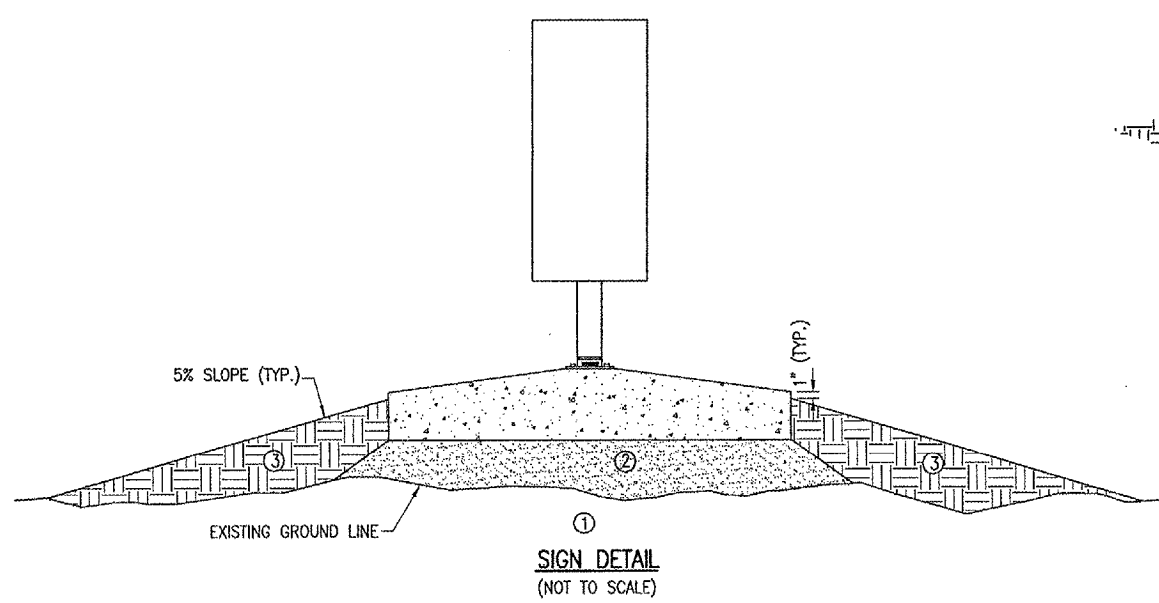
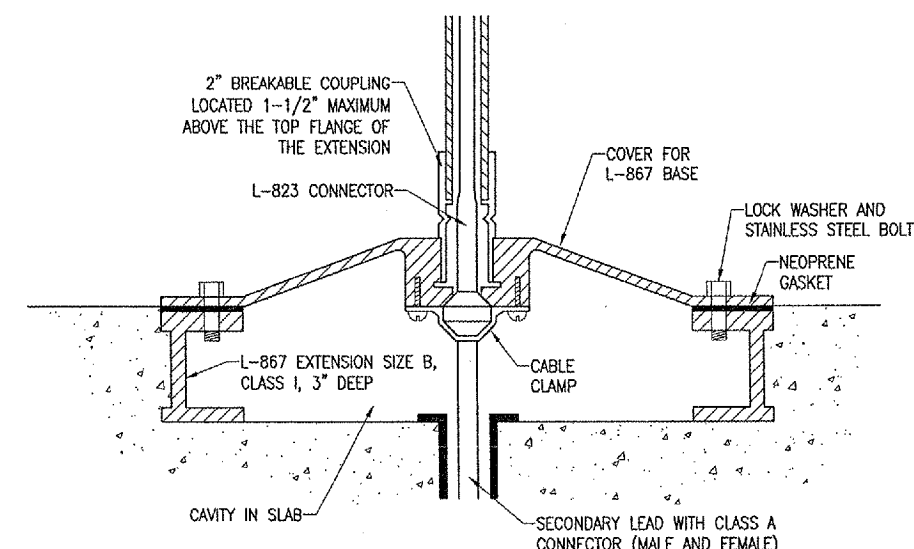
NOTES:
SEE LIGHTING LAYOUT SHEET(S) FOR SIGN LEGEND, LOCATION, TYPE, SIZE, STYLE, AND CLASS.
NUMBER AND SPACING OF LEGS AS PER MANUFACTURER'S REQUIREMENTS.



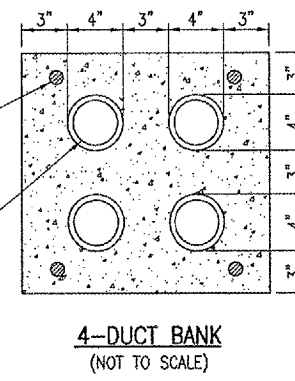
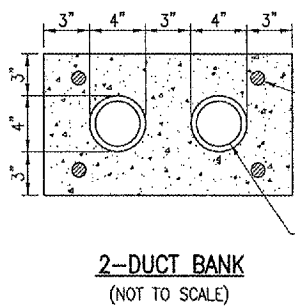
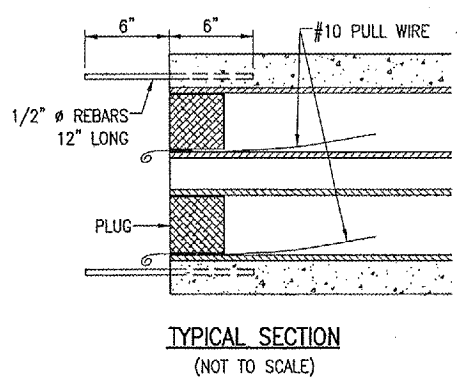
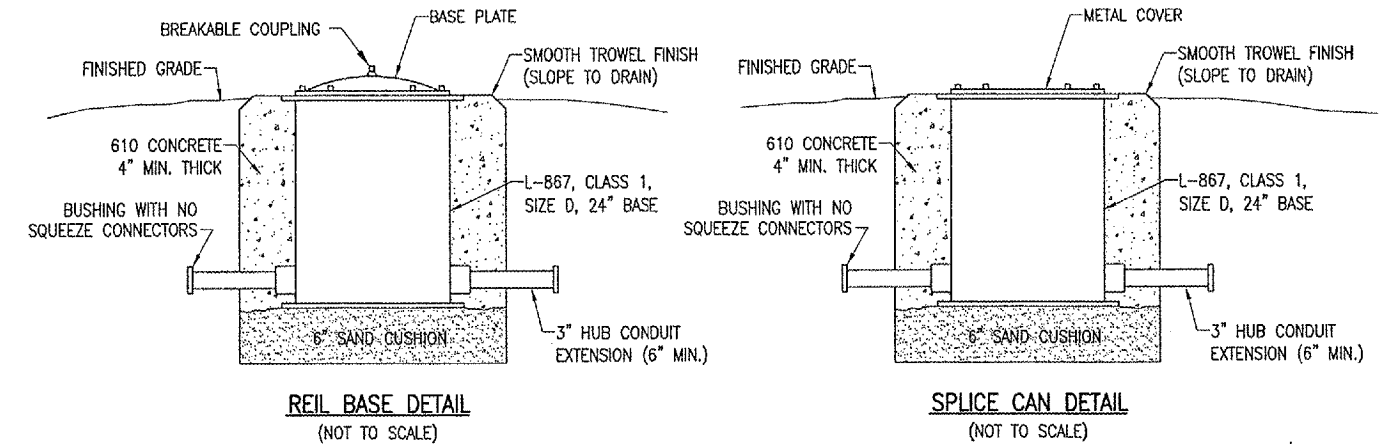
SEE DETAIL "B" ON THIS SHEET

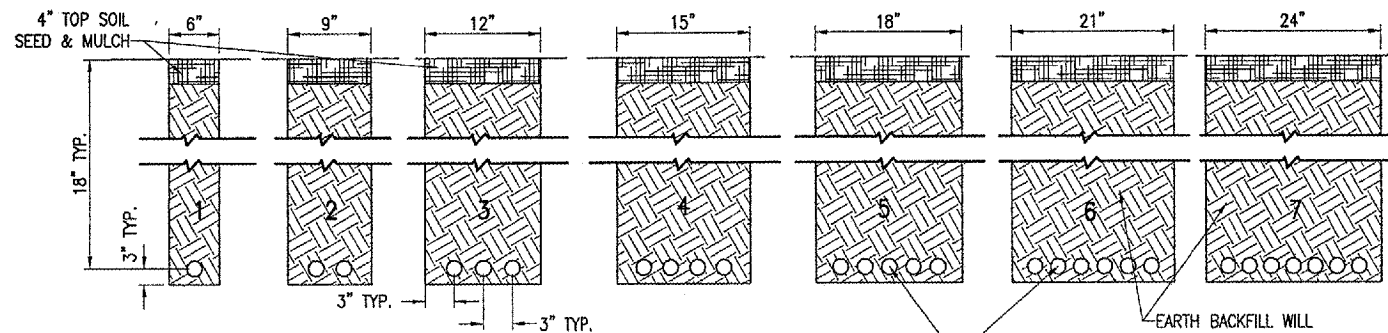


GENERAL NOTES
SEE LIGHTING LAYOUT SHEET FOR SIGN LEGEND, LOCATION, TYPE, SIZE, STYLE, AND CLASS.
SEE SHEETS 19 THROUGH 20 FOR ELECTRICAL NOTES.



- ① EXISTING SOD TO BE STRIPPED AND REMOVED
- ② SAND BACKFILL, VARIABLE DEPTH
- ③ PROPOSED TOPSOIL BACKFILL MATERIAL



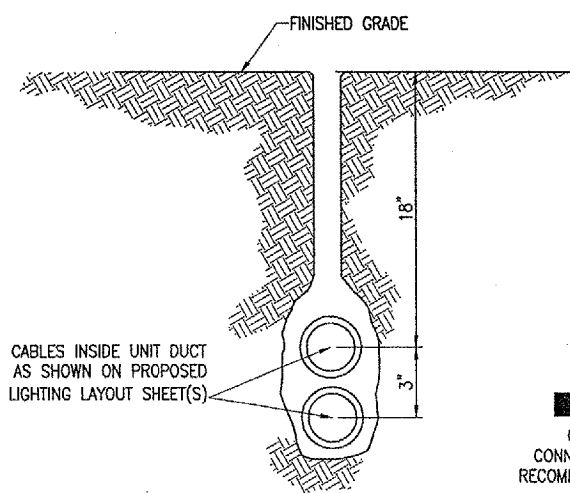


NOTES:
DETAIL NUMBERS INDICATE NO. OF CABLES.

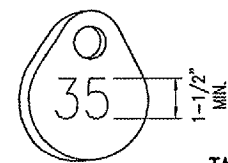
TRENCHES WITH MORE THAN SEVEN CABLES SHALL BE INCREASED 3" IN WIDTH FOR EACH ADDITIONAL CABLE; IF SPECIFIED ON PLANS TWO PARALLEL TRENCHES MAY BE CONSTRUCTED.

DEPTH OF TRENCHES SHALL BE AS SHOWN ABOVE UNLESS OTHERWISE SPECIFIED ON THE PLANS.

ALL DISTURBED SURFACES SHALL BE RESTORED TO THEIR ORIGINAL CONDITION. COST IS INCIDENTAL TO TRENCH.

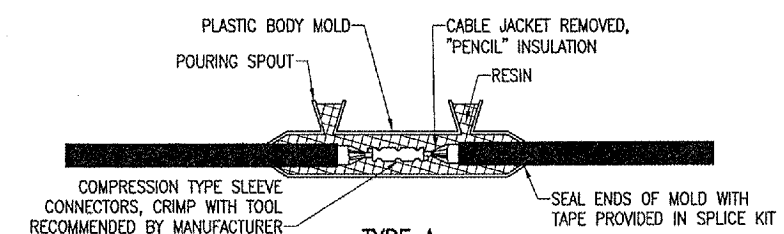


PLOWED CABLE
(NOT TO SCALE)



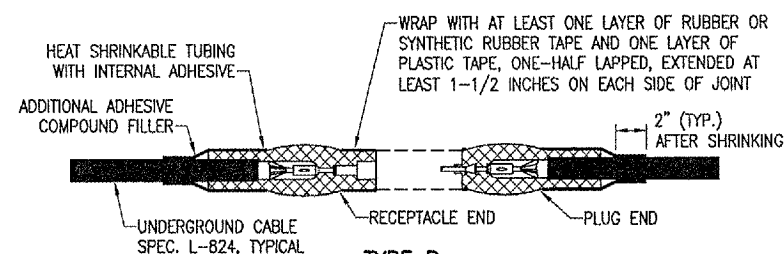
TAG DETAIL
(NOT TO SCALE)

NOTE:
AFFIX NON-CORROSIVE TAG TO FIXTURE FACING RUNWAY WITH SET SCREW, WIRE TIE, OR METAL BAND. NUMERALS SHALL BE ENGRAVED FOR PERMANENT READABILITY.



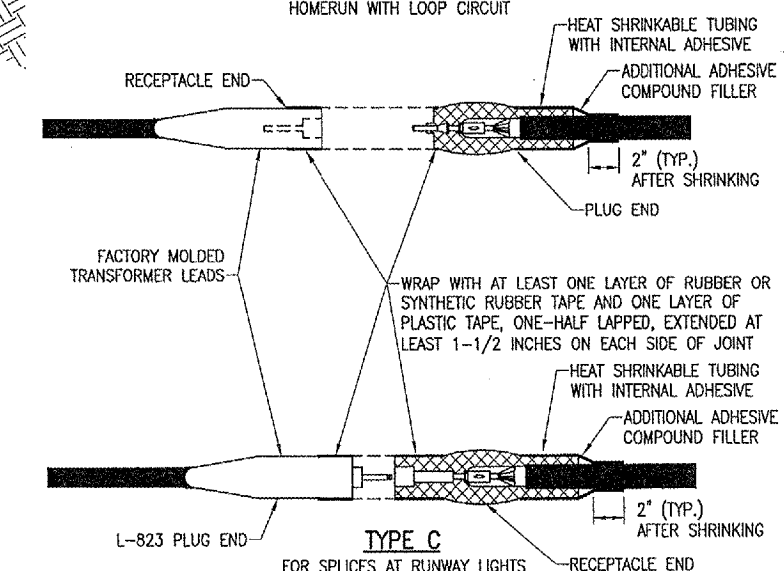
TYPE A

FOR SPLICES IN HOMERUNS FOR EXTENSIONS TO EXISTING CABLES ONLY



TYPE B

FOR SPLICES AT JUNCTION OF HOMERUN WITH LOOP CIRCUIT



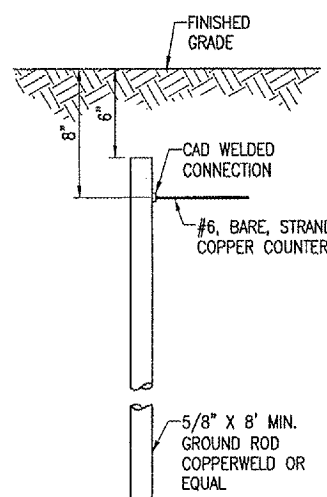
TYPE C

FOR SPLICES AT RUNWAY LIGHTS

NOTES:
SEE PROPOSED LIGHTING LAYOUT SHEET(S) FOR SPLICE TYPE.

INSIDE DIAMETER OF CONNECTOR SHALL PROPERLY MATCH THE OUTSIDE DIAMETER OF CABLE.

CABLE SPLICES
(NOT TO SCALE)



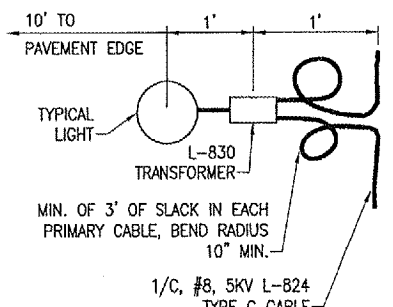
NOTES:
TYPE AND MINIMUM NUMBER OF GROUND RODS SHALL BE AS SPECIFIED ON THE PLAN.

THE RESISTANCE TO GROUND OF THE COUNTERPOISE GROUNDING SYSTEM SHALL NOT EXCEED 25 OHMS.

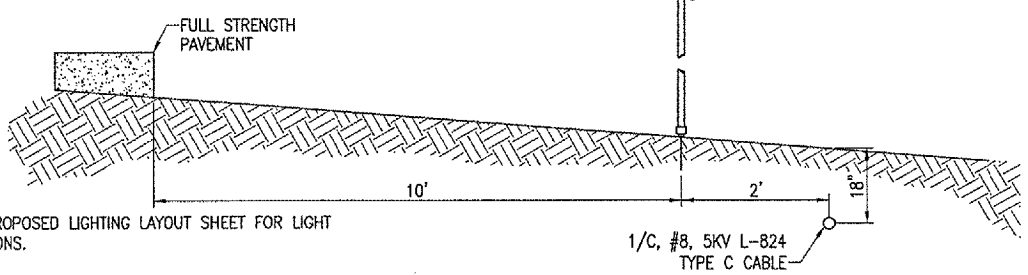
COST OF GROUND RODS IS INCIDENTAL TO THE ASSOCIATED ITEMS REQUIRING GROUNDING UNLESS OTHERWISE SPECIFIED.

GROUND ROD
(NOT TO SCALE)

CABLE TRENCHES
(NOT TO SCALE)

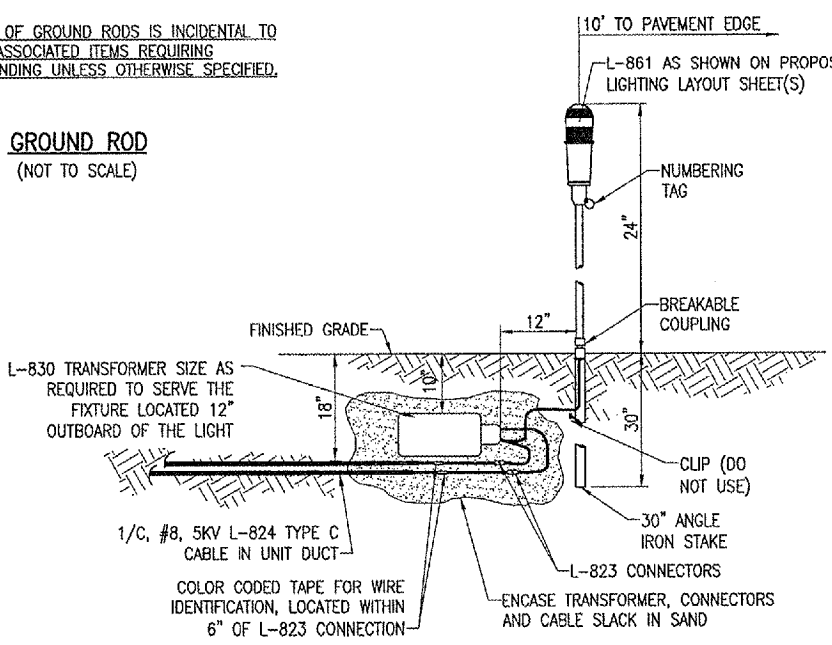


PLAN VIEW

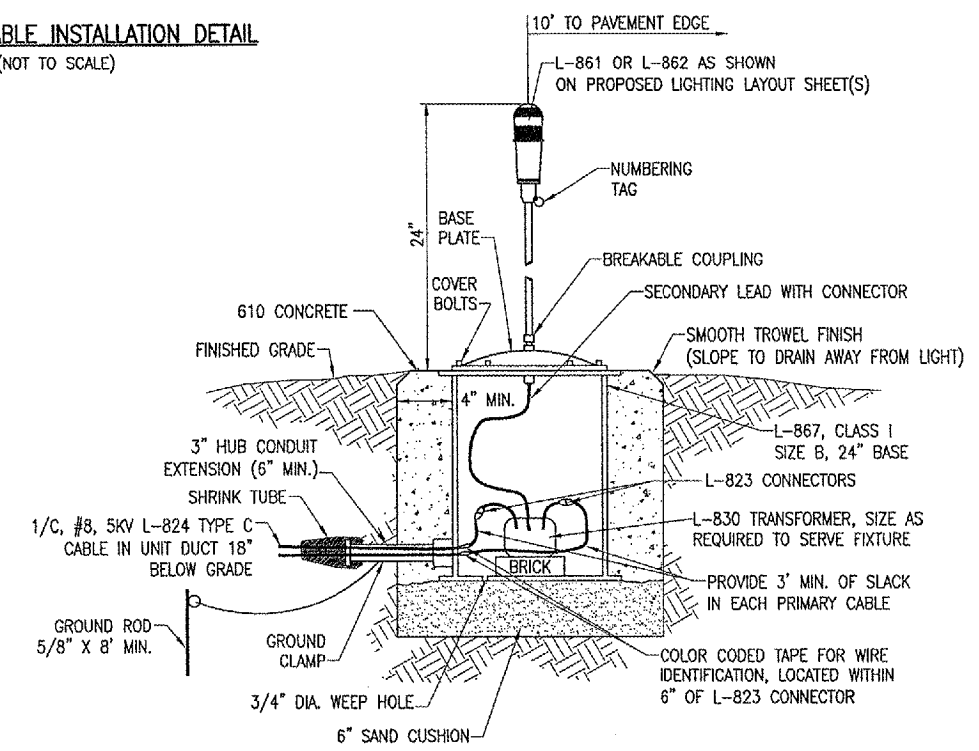


PROFILE VIEW

LIGHT AND CABLE INSTALLATION DETAIL
(NOT TO SCALE)



MEDIUM INTENSITY LIGHT - STAKE MOUNTED
(NOT TO SCALE)



MEDIUM/HIGH INTENSITY LIGHT - BASE MOUNTED
(NOT TO SCALE)

DATE	REVISION	BY

TRI-TOWNSHIP AIRPORT
SAVANNA, CARROLL COUNTY
ILLINOIS

ILL. Project No. 826-06RWD_0800	
Drawn: R-542ELE.DWG	
Scale: NOT TO SCALE	
Date: 10/24/05	
LAYOUT	B.A.K. 10/24/05
DRAWN	B.A.K. 10/24/05
REVIEWED	C.A.H. 01/12/06

HANSON
Hanson Professional Services Inc.
1325 South Sixth Street
Springfield, IL 62761
Offices Nationwide

PROPOSED WIDENING
OF RUNWAY 13/31

ELECTRICAL DETAILS

MAR 29 2006 11:09 AM CAH I:\AIRPORTS\SAVANNA\826-06RWD\AIRPORT\SHETS\R-542ELE.DWG - ELEC. DETAILS

GENERAL NOTES

1. THE ELECTRICAL INSTALLATION, AS A MINIMUM, SHALL MEET THE NATIONAL ELECTRICAL CODE AND LOCAL REGULATIONS.
2. THE CONTRACTOR SHALL 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. ANY NONCOMPATIBLE COMPONENTS FURNISHED BY THIS CONTRACTOR SHALL BE REPLACED BY HIM AT NO ADDITIONAL COST TO THE AIRPORT SPONSOR WITH A SIMILAR UNIT, APPROVED BY THE ENGINEER (DIFFERENT MODEL OR DIFFERENT MANUFACTURE) THAT IS COMPATIBLE WITH THE REMAINDER OF THE AIRPORT LIGHTING SYSTEM.
3. IN CASE THE CONTRACTOR ELECTS 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 SPECIFICATION, ANY COST FOR THESE ITEMS SHALL BE INCIDENTAL TO THE EQUIPMENT COST.
4. THE CONTRACTOR INSTALLED EQUIPMENT (INCLUDING FAA APPROVED) SHALL NOT GENERATE ANY ELECTROMAGNETIC INTERFERENCE IN THE EXISTING AND/OR NEW COMMUNICATIONS, WEATHER, AIR NAVIGATION, AND AIR TRAFFIC CONTROL EQUIPMENT. ANY EQUIPMENT GENERATING SUCH INTERFERENCE SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST WITH THE EQUIPMENT MEETING THE APPLICABLE SPECIFICATIONS AND NOT GENERATING ANY INTERFERENCE.
5. WHEN A SPECIFIC TYPE, STYLE, CLASS, ETC. OF FAA APPROVED EQUIPMENT IS SPECIFIED ONLY THAT TYPE, STYLE, CLASS, WILL BE ACCEPTABLE, EVEN THOUGH EQUIPMENT OF OTHER TYPES STYLES, CLASSES, ETC. MAY BE APPROVED.
6. ANY AND ALL INSTRUCTIONS FROM THE ENGINEER TO THE CONTRACTOR REGARDING CHANGES IN OR DEVIATIONS FROM THE PLANS AND SPECIFICATIONS SHALL BE IN WRITING WITH COPIES SENT TO THE AIRPORT SPONSOR AND THE FAA FIELD OFFICE (ADO/AFO). THE CONTRACTOR SHALL NOT ACCEPT ANY VERBAL INSTRUCTIONS FROM THE RESIDENT ENGINEER REGARDING ANY CHANGES FROM THE PLANS AND SPECIFICATIONS.
7. A MINIMUM OF THREE COPIES OF THE INSTRUCTION BOOK SHALL BE SUPPLIED WITH EACH DIFFERENT TYPE OF EQUIPMENT. THE BOOKS DESCRIBING A MORE SOPHISTICATED TYPE OF EQUIPMENT, SUCH AS REGULATORS, PAPI, REIL, ETC. AS A MINIMUM SHALL CONTAIN THE FOLLOWING:
 - 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 TROUBLE-SHOOTING.
 - G. COMPLETE POWER AND CONTROL DETAILED WIRING DIAGRAM(S), SHOWING EACH CONDUCTOR/ CONNECTION/COMPONENT -- "BLACK" BOXES ARE NOT ACCEPTABLE. THE DIAGRAM OF THE NARRATIVE SHALL SHOW VOLTAGE/CURRENTS/WAVE SHAPES AT STRATEGIC LOCATIONS TO BE USED WHEN CHECKING AND/OR TROUBLE-SHOOTING THE EQUIPMENT. WHEN THE EQUIPMENT HAS SEVERAL MODES OF OPERATION, SUCH AS SEVERAL BRIGHTNESS STEPS, THESE PARAMETERS SHALL BE INDICATED FOR ALL DIFFERENT MODES.
 - H. PARTS LIST WHICH WILL INCLUDE ALL MAJOR AND MINOR COMPONENTS SUCH AS RESISTORS, DIODES, ETC. IT SHALL INCLUDE A COMPLETE NOMENCLATURE OF EACH COMPONENT AND, IF APPLICABLE, THE NAME OF ITS MANUFACTURE AND THE CATALOG NUMBER.
 - I. SAFETY INSTRUCTIONS.

POWER AND CONTROL NOTES

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. WHERE THE EQUIPMENT DOES NOT HAVE SUFFICIENT STENCILING AREA, THE STENCILING SHALL BE DONE ON THE WALL NEXT TO THE UNIT. THE LETTERS SHALL BE ONE INCH HIGH AND PAINTED IN WHITE OR BLACK TO PROVIDE THE HIGHEST CONTRAST WITH THE BACKGROUND.
2. COLOR CODE ALL PHASE WIRING BY THE USE OF COLORED WIRE INSULATION AND/OR COLORED TAPE. WHERE TAPE IS USED, THE WIRE INSULATION SHALL BE BLACK, BLACK AND RED SHALL BE USED FOR SINGLE-PHASE, THREE WIRE SYSTEMS AND BLACK, RED AND BLUE SHALL BE USED FOR THREE-PHASE SYSTEMS. NEUTRAL CONDUCTORS, SIZE NO. 6 AWG OR SMALLER, SHALL BE IDENTIFIED BY A CONTINUOUS WHITE OR NATURAL GRAY OUTER FINISH ALONG ITS ENTIRE LENGTH. NEUTRAL CONDUCTORS LARGER THAN NO. 6 AWG SHALL BE IDENTIFIED EITHER BY A CONTINUOUS WHITE OR NATURAL GRAY OUTER FINISH ALONG ITS ENTIRE LENGTH OR BY THE USE OF WHITE TAPE AT ITS TERMINATIONS AND INSIDE ACCESSIBLE WIREWAYS.
3. ALL BRANCH CIRCUIT CONDUCTORS CONNECTED TO A PARTICULAR PHASE SHALL BE IDENTIFIED WITH THE SAME COLOR. THE COLOR CODING SHALL BE EXTENDED TO THE POINT OF UTILIZATION.
4. IN CONTROL WIRING THE SAME COLOR SHALL BE USED THROUGHOUT THE SYSTEM FOR THE SAME FUNCTION, SUCH AS 10%, 30%, 100% BRIGHTNESS CONTROL, ETC.
5. LOW VOLTAGE (600 V.) AND HIGH VOLTAGE (5000 V.) CONDUCTORS SHALL BE INSTALLED IN SEPARATE WIREWAYS.
6. NEATLY LACE WIRING IN DISTRIBUTION PANELS, WIREWAYS, SWITCHES AND JUNCTION/PULL BOXES.
7. THE MINIMUM SIZE OF PULL/JUNCTION BOXES, REGARDLESS OF THE QUANTITY AND SIZE OF THE CONDUCTORS SHOWN, SHALL BE AS FOLLOWS:
 - A. IN STRAIGHT PULLS THE LENGTH OF THE BOX SHALL NOT BE LESS THAN EIGHT TIMES THE TRADE DIAMETER OF THE LARGER CONDUIT. THE TOTAL AREA (INCLUDING THE CONDUIT CROSS-SECTIONAL AREA) OF A BOX END SHALL BE AT LEAST 3 TIMES GREATER THAN THE TOTAL TRADE CROSS-SECTIONAL AREA OF THE CONDUITS TERMINATING AT THE END.
 - B. IN ANGLE PULLS OR 'U' PULLS THE DISTANCE BETWEEN EACH CONDUIT ENTRY INSIDE THE BOX AND THE OPPOSITE WALL OF THE BOX SHALL NOT BE LESS THAN SIX (6) TIMES THE TRADE DIAMETER DIAMETER OF THE LARGEST CONDUIT. THIS DISTANCE SHALL BE INCREASED FOR ADDITIONAL ENTRIES BY THE AMOUNT OF THE SUM OF THE DIAMETERS OF ALL OTHER CONDUIT ENTRIES ON THE SAME WALL AS THE BOX. THE DISTANCE BETWEEN CONDUIT ENTRIES ENCLOSING THE SAME CONDUCTOR SHALL NOT BE LESS THAN SIX TIMES THE TRADE DIAMETER OF THE LARGEST CONDUIT.
8. A RUN OF CONDUIT BETWEEN TERMINATIONS AT EQUIPMENT ENCLOSURES, SQUARE DUCTS AND PULL/JUNCTION BOXES, SHALL NOT CONTAIN MORE THAN THE EQUIVALENT OF FOUR QUARTER BENDS (360 DEGREES TOTAL), INCLUDING THOSE BENDS LOCATED IMMEDIATELY AT THE TERMINATIONS, CAST, CONDUIT TYPE OUTLETS SHALL NOT BE TREATED AS PULL/JUNCTION BOXES.
9. EQUIPMENT CABINETS SHALL NOT BE USED AS PULL/JUNCTION BOXES. ONLY WIRING TERMINATING AT THE EQUIPMENT SHALL BE BROUGHT INTO THESE ENCLOSURES.
10. SPLICES AND JUNCTION POINTS SHALL BE PERMITTED ONLY IN JUNCTION BOXES, DUCTS EQUIPPED WITH REMOVABLE COVERS, AND AT EASILY ACCESSIBLE LOCATIONS.
11. CIRCUIT BREAKERS IN POWER DISTRIBUTION PANEL(S) SHALL BE THERMAL-MAGNETIC MOLDED CASE, PERMANENT TRIP WITH 100 AMPERE, MINIMUM FRAME.
12. DUAL LUGS SHALL BE USED WHERE TWO (2) WIRES, SIZE NO. 6 OR LARGER, ARE TO BE CONNECTED TO THE SAME TERMINAL.

13. ALL WALL MOUNTED EQUIPMENT ENCLOSURES SHALL BE MOUNTED ON WOODEN MOUNTING BOARDS, AND/OR GALVANIZED STEEL STRUT SUPPORT.
14. WOODEN EQUIPMENT MOUNTING BOARDS SHALL 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.
15. RIGID STEEL CONDUIT SHALL BE USED THROUGHOUT THE INSTALLATION UNLESS OTHERWISE SPECIFIED. THE MINIMUM TRADE SIZE SHALL BE 3/4 INCH.
16. ALL RIGID CONDUIT SHALL BE TERMINATED AT CONSTANT CURRENT REGULATORS WITH A SECTION (10" MINIMUM) OF FLEXIBLE CONDUIT.
17. UNLESS OTHERWISE SHOWN, ALL EXPOSED CONDUITS SHALL BE RUN PARALLEL TO OR AT RIGHT ANGLES WITH THE LINES OF THE STRUCTURE.
18. ALL STEEL CONDUITS, FITTINGS, NUTS, BOLTS, ETC. SHALL BE GALVANIZED.
19. USE CONDUIT BUSHINGS AT EACH CONDUIT TERMINATION. WHERE NO. 4 AWG OR LARGER UNDERGROUND WIRE IS INSTALLED, USE INSULATED BUSHINGS.
20. USE DOUBLE LOCK NUTS AT EACH CONDUIT TERMINATION.
21. 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.
22. UNLESS OTHERWISE NOTED, ALL INDOOR SINGLE CONDUCTOR CONTROL WIRING SHALL BE NO. 12 AWG.
23. THE FOLLOWING SHALL APPLY TO RELAY/CONTACTOR PANELS/ENCLOSURES:
 - A. ALL COMPONENTS SHALL BE MOUNTED IN DUST PROOF ENCLOSURE(S) WITH VERTICALLY HINGED COVERS.
 - B. THE ENCLOSURE(S) SHALL HAVE AMPLE SPACE FOR THE CIRCUIT COMPONENTS, TERMINAL BLOCKS AND INCOMING AND INTERNAL WIRING.
 - C. ALL CONTROL CONDUCTOR TERMINATIONS SHALL BE OF THE OPEN-EYE CONNECTOR/SCREW TYPE. SOLDERED CLOSED-EYE TERMINATIONS, OR TERMINATIONS WITHOUT CONNECTORS ARE NOT ACCEPTABLE.
 - D. WHEN THE ENCLOSURE COVER IS OPENED, ALL CIRCUIT COMPONENTS, WIRING AND TERMINALS SHALL BE EXPOSED AND ACCESSIBLE WITHOUT REMOVAL OF ANY PANELS, COVERS, ETC., EXCEPT THOSE COVERING HIGH VOLTAGE COMPONENTS.
 - E. ACCESS TO, OR REMOVAL OF A CIRCUIT COMPONENT OR TERMINAL BLOCK WILL NOT REQUIRE THE REMOVAL OF ANY OTHER CIRCUIT COMPONENT OR TERMINAL BLOCK.
 - F. EACH CIRCUIT COMPONENT SHALL BE CLEARLY IDENTIFIED INDICATING ITS CORRESPONDING NUMBER SHOWN ON THE DRAWINGS AND ITS FUNCTION.
 - G. A COMPLETE WIRING DIAGRAM (SCHEMATIC DIAGRAM) SHALL BE MOUNTED ON THE INSIDE OF THE COVER. THE DIAGRAM SHALL REPRESENT EACH CONDUCTOR BY A SEPARATE LINE.
 - H. THE DIAGRAM SHALL IDENTIFY EACH CIRCUIT COMPONENT AN NUMBERING AND COLOR OF EACH TERMINAL CONDUCTOR AND TERMINAL.
 - I. ALL WIRING SHALL BE NEATLY TRAINED AND LACED.
 - J. MINIMUM WIRE SIZE SHALL BE NO. 12 AWG.

DATE	REVISION	BY

TRI-TOWNSHIP AIRPORT
SAVANNA, CARROLL COUNTY
ILLINOIS

ILL. PROJ. NO.: 828-06RWD_0800	10/24/05
PLAN NO.: R-543ELE.DWG	10/24/05
SCALE: NOT TO SCALE	10/24/05
DATE: 10/24/05	01/12/06
LAYOUT	B.A.K.
DRAWN	B.A.K.
REVIEWED	C.A.H.



PROPOSED WIDENING
OF RUNWAY 13/31

ELECTRICAL NOTES

MAR 29, 2006 11:09 AM CAH
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FIELD LIGHTING NOTES

1. UNLESS OTHERWISE NOTED, ALL UNDERGROUND FIELD POWER MULTIPLE AND SERIES CIRCUIT CONDUCTORS WHETHER DEB OR IN DUCT/CONDUIT SHALL BE FAA APPROVED L-824 TYPE. INSULATION VOLTAGE AND SIZE SHALL BE AS SPECIFIED.
2. NO COMPONENTS OF PRIMARY CIRCUIT SUCH AS CABLE, CONNECTORS AND TRANSFORMERS SHALL BE BROUGHT ABOVE GROUND AT EDGE LIGHTS, SIGNS, REIL, PAPI, ETC.
3. THERE SHALL 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, REIL, ETC.) ENCLOSURES. THESE CABLES SHALL BE ENCLOSED IN RIGID CONDUIT OR IN FLEXIBLE, WATERTIGHT CONDUIT WITH BREAKABLE COUPLING(S) AT THE GRADE OR THE HOUSING COVER, AS SHOWN IN APPLICABLE DETAILS.
4. THE JOINTS OF THE L-823 PRIMARY CONNECTORS SHALL BE WRAPPED WITH AT LEAST ONE LAYER OF RUBBER OR SYNTHETIC RUBBER TAPE AND ONE LAYER OF PLASTIC TAPE, ONE-HALF LAPPED, EXTENDING AT LEAST 1-1/2 INCHES ON EACH SIDE OF THE JOINT, AS SHOWN ON SHEET NO. 18.
5. THE CABLE ENTRANCE INTO THE FIELD-ATTACHED L-823 CONNECTORS SHALL BE ENCLOSED BY A HEAT-SHRINKABLE TUBING WITH CONTINUOUS INTERNAL ADHESIVE, AS SHOWN ON SHEET NO. 18.
6. L-823 TYPE II, TWO-CONDUCTOR SECONDARY CONNECTORS SHALL BE CLASS 'A' (FACTORY MOLDED).
7. THERE SHALL BE NO SPLICES IN THE SECONDARY CABLE(S) WITHIN THE STEMS OF A RUNWAY/TAXIWAY EDGE/THRESHOLD LIGHTING FIXTURE AND THE WIREWAYS LEADING TO TAXIWAY SIGNS AND PAPI/REIL EQUIPMENT.
8. ELECTRICAL INSULATING GREASE SHALL BE APPLIED WITHIN THE L-823, SECONDARY, TWO CONDUCTOR CONNECTORS TO PREVENT WATER ENTRANCE. THESE CONNECTORS SHALL NOT BE TAPED.
9. DEB ISOLATION TRANSFORMERS SHALL BE BURIED AT A DEPTH OF TEN (10") INCHES ON A LINE CROSSING THE LIGHT AND PERPENDICULAR TO THE RUNWAY/TAXIWAY CENTERLINE AT A LOCATION TWELVE (12") INCHES FROM THE LIGHT OPPOSITE FROM THE RUNWAY/TAXIWAY.
10. A SLACK OF THREE (3') FEET, MINIMUM, SHALL BE PROVIDED IN THE PRIMARY CABLE AT EACH TRANSFORMER/CONNECTOR TERMINATION. AT STAKE-MOUNTED LIGHTS, THE SLACK SHALL BE LOOSELY COILED IMMEDIATELY BELOW THE ISOLATION TRANSFORMER.
11. DIRECTION OF PRIMARY CABLES SHALL BE IDENTIFIED BY COLOR CODING AS FOLLOWS: WHEN FACING LIGHT WITH BACK TO PAVEMENT, CABLE TO THE LEFT IS CODED RED AND CABLE TO RIGHT IS CODED BLUE. THIS APPLIES TO STAKE MOUNTED LIGHTS AND BASE MOUNTED LIGHTS WHERE THE BASE HAS ONLY ONE ENTRANCE.
12. L-867 BASES SHALL BE SIZE B, 24" DEEP, CLASS I, UNLESS OTHERWISE NOTED.
13. BASE MOUNTED BREAKABLE COUPLINGS SHALL NOT HAVE WEEP HOLES TO THE OUTSIDE. PLUGGED UP HOLES SHALL NOT BE ACCEPTABLE. IT SHALL BE A 1/4" DIAMETER, MINIMUM, OR EQUIVALENT OPENING FOR DRAINAGE FROM THE SPACE AROUND THE SECONDARY CONNECTOR INTO THE L-867 BASE.
14. THE ELEVATION OF THE BREAKABLE COUPLING GROOVE SHALL NOT EXCEED 1-1/2" ABOVE THE EDGE OF THE COVER IN CASE OF BASE MOUNTED COUPLINGS, OR THE TOP OF THE STAKE IN CASE OF STAKE MOUNTED COUPLINGS.

15. WHERE THE BREAKABLE COUPLING IS NOT AN INTEGRAL PART OF THE LIGHT FIXTURE STEM OR MOUNTING LEG, A BEAD OF SILICON SEAL SHALL BE APPLIED COMPLETELY AROUND LIGHT STEM OR WIREWAY AT BREAKABLE COUPLING TO PROVIDE A WATERTIGHT SEAL.
16. TOPS OF THE STAKES SUPPORTING LIGHT FIXTURES SHALL BE FLUSH WITH THE SURROUNDING GRADE.
17. PLASTIC LIGHTING FIXTURE COMPONENTS, SUCH AS LAMP HEADS, STEMS, BREAKABLE COUPLINGS, BASE COVERS, BRACKETS, STAKES, SHALL NOT BE ACCEPTABLE.
18. THE TOLERANCE FOR THE HEIGHT OF RUNWAY/TAXIWAY EDGE LIGHTS SHALL BE: ONE (1) INCH. IN CASE OF STAKE MOUNTED LIGHTS, THE SPECIFIED LIGHTING FIXTURE HEIGHT SHALL BE MEASURED BETWEEN THE TOP OF THE STAKE AND THE TOP OF THE LENS. IN CASE OF BASE MOUNTED LIGHTS, THE SPECIFIED LIGHTING FIXTURE HEIGHT SHALL BE MEASURED BETWEEN THE TOP OF THE BASE FLANGE AND THE TOP OF THE LENS, THUS INCLUDING THE BASE COVER, THE FRANGIBLE COUPLING, THE STEM, THE LAMP HOUSING AND THE LENS.
19. THE TOLERANCE FOR THE LATERAL SPACING (LIGHT LANE TO RUNWAY/TAXIWAY CENTERLINE) OF RUNWAY/TAXIWAY EDGE LIGHTS SHALL BE ONE (1) INCH. THIS ALSO APPLIES AT INTERSECTIONS TO LATERAL SPACING BETWEEN LIGHTS OF A RUNWAY/TAXIWAY AND THE INTERSECTING RUNWAY/TAXIWAY.
20. ENTRANCES INTO L-867 BASES SHALL BE SEALED WITH HEAT SHRINK AS SHOWN IN DETAIL "B" ON SHEET NO. 18.
21. GALVANIZED/PAINTED EQUIPMENT/COMPONENT SURFACES SHALL NOT BE DAMAGED BY DRILLING, FILING, ETC. DRAIN HOLES IN METAL TRANSFORMER HOUSINGS SHALL BE MADE BEFORE GALVANIZING.
22. EDGE LIGHT NUMBERING TAGS SHALL BE FACING THE PAVEMENT.
23. CABLE/SPLICE/DUCT MARKERS SHALL BE PRECAST CONCRETE OF THE SIZE SHOWN. LETTERS/NUMBERS/ARROWS FOR THE LEGEND TO BE IMPRESSED INTO THE TOPS OF THE MARKERS SHALL BE PRE-ASSEMBLED AND SECURED IN THE MOLD BEFORE THE CONCRETE IS POURED. LEGEND INSCRIBED BY HAND IN WET CONCRETE SHALL NOT BE ACCEPTABLE.
24. ALL UNDERGROUND CABLE RUNS SHALL BE IDENTIFIED BY CABLE MARKERS AT 200 FEET MAXIMUM SPACING, WITH AN ADDITIONAL MARKER AT EACH CHANGE OF DIRECTION OF THE CABLE RUN. CABLE MARKERS SHALL BE INSTALLED IMMEDIATELY ABOVE THE CABLES.
25. THERE SHALL BE NO SPLICES BETWEEN THE ISOLATION TRANSFORMERS. L-823 CONNECTORS ARE ALLOWED AT TRANSFORMER CONNECTIONS ONLY, UNLESS OTHERWISE SHOWN.
26. APPLY AN OXIDE INHIBITING, ANTI-SEIZING COMPOUND TO ALL SCREWS, NUTS AND BREAKAGE COUPLING THREADS.
27. LOCATIONS OF ENDS OF ALL UNDERGROUND DUCTS SHALL BE IDENTIFIED BY DUCT MARKERS.
28. WHERE A PARALLEL, CONSTANT VOLTAGE PAPI SYSTEM IS PROVIDED, THE "T" SPLICES SHALL BE OF THE CAST TYPE.
29. CONCRETE USED FOR SLABS, FOOTINGS, BACKFILL AROUND TRANSFORMER HOUSINGS, MARKINGS, ETC. SHALL BE 3000 PSI, AIR-ENTRAINED.
30. ALL POWER AND CONTROL CABLES IN MAN/HAND HOLES SHALL BE TAGGED. USE EMBOSSED COPPER STRIPS TO BE ATTACHED AT BOTH ENDS TO THE CABLE BY THE USE OF PLASTIC STRAPS. MINIMUM OF TWO TAGS SHALL BE PROVIDED ON EACH CABLE IN A MAN/HAND HOLE-ONE AT THE CABLE ENTRANCE AND ONE AT THE CABLE EXIT.

GROUNDING NOTES

1. ALL GROUND CONNECTIONS TO GROUND RODS, BUSSES, PANELS, ETC. SHALL BE MADE WITH PRESSURE TYPE SOLDERLESS LUGS AND GROUND CLAMPS SOLDERED OR BOLT AND WASHER TYPE CONNECTIONS ARE NOT ACCEPTABLE. CLEAN ALL METAL SURFACES BEFORE MAKING GROUND CONNECTIONS. CONNECTIONS TO GROUND RODS SHALL BE EXOTHERMIC WELD WHERE SPECIFIED HEREIN.
2. TOP OF GROUND RODS SHALL BE TEN (10) INCHES BELOW GRADE, UNLESS SPECIFIED OTHERWISE HEREIN, FOR RESPECTIVE APPLICATIONS.
3. THE RESISTANCE TO GROUND OF THE VAULT GROUNDING SYSTEM WITH THE COMMERCIAL POWER LINE NEUTRAL DISCONNECTED SHALL NOT EXCEED 10 OHMS.

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DATE	REVISION	BY

TRI-TOWNSHIP AIRPORT
SAVANNA, CARROLL COUNTY
ILLINOIS

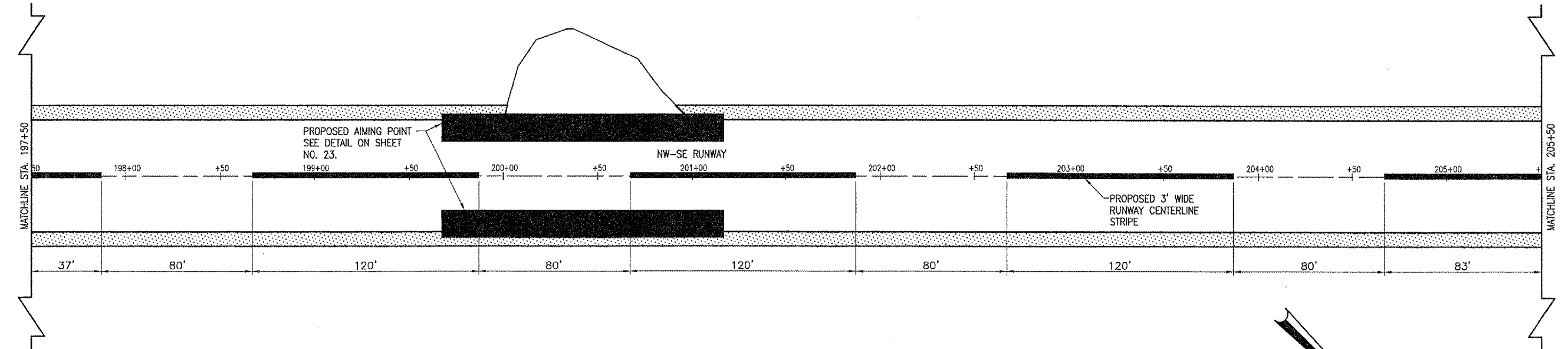
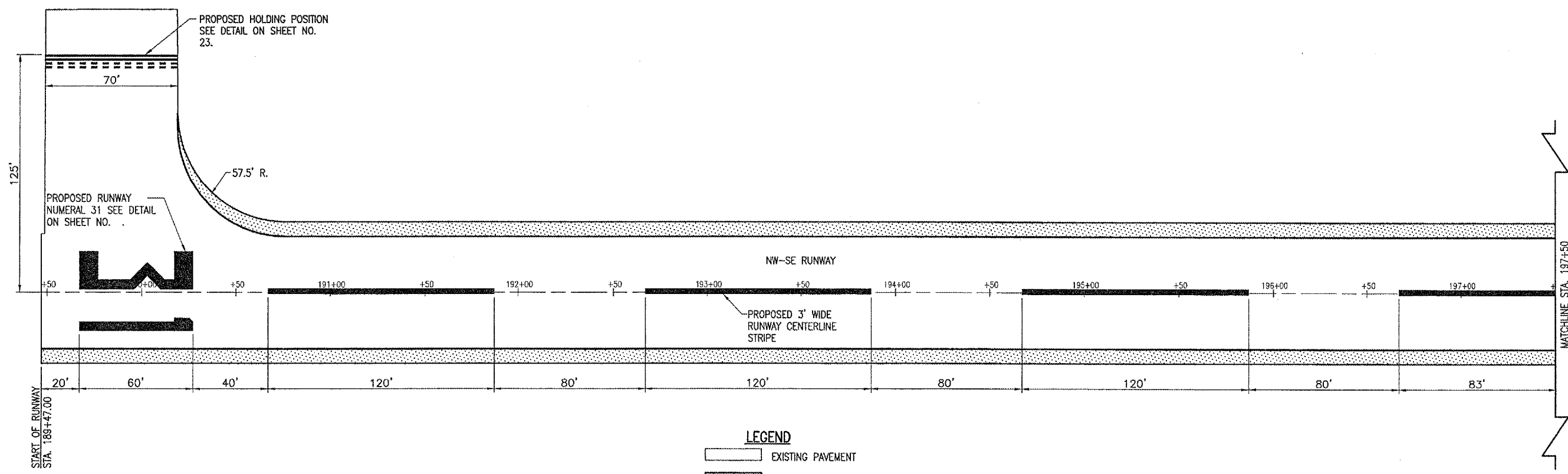
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PLANS R-544ELE.DWG	B.A.K. 10/24/05
SCALE NOT TO SCALE	B.A.K. 10/24/05
DATE 10/24/05	C.A.H. 01/12/06
LAYOUT	
DRAWN	
REVIEWED	



PROPOSED WIDENING
OF RUNWAY 13/31

ELECTRICAL NOTES



LEGEND

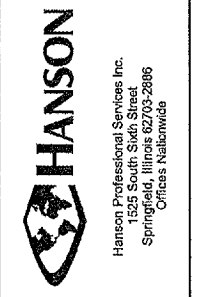
- EXISTING PAVEMENT
- PROPOSED PAVEMENT WIDENING
- PROPOSED MARKING

REVISION	DATE	BY

TRI-TOWNSHIP AIRPORT
SAVANNA, CARROLL COUNTY
ILLINOIS

IL PROJ.: SFT-3538 A.I.P. PROJ.: 3-17-0091-B12

HEL Project No. 826-DGRWYD-0800	
Filename: R-151MRK.DWG	
Scale: 1" = 30'	
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REVIEWED	C.A.H. 01/12/06

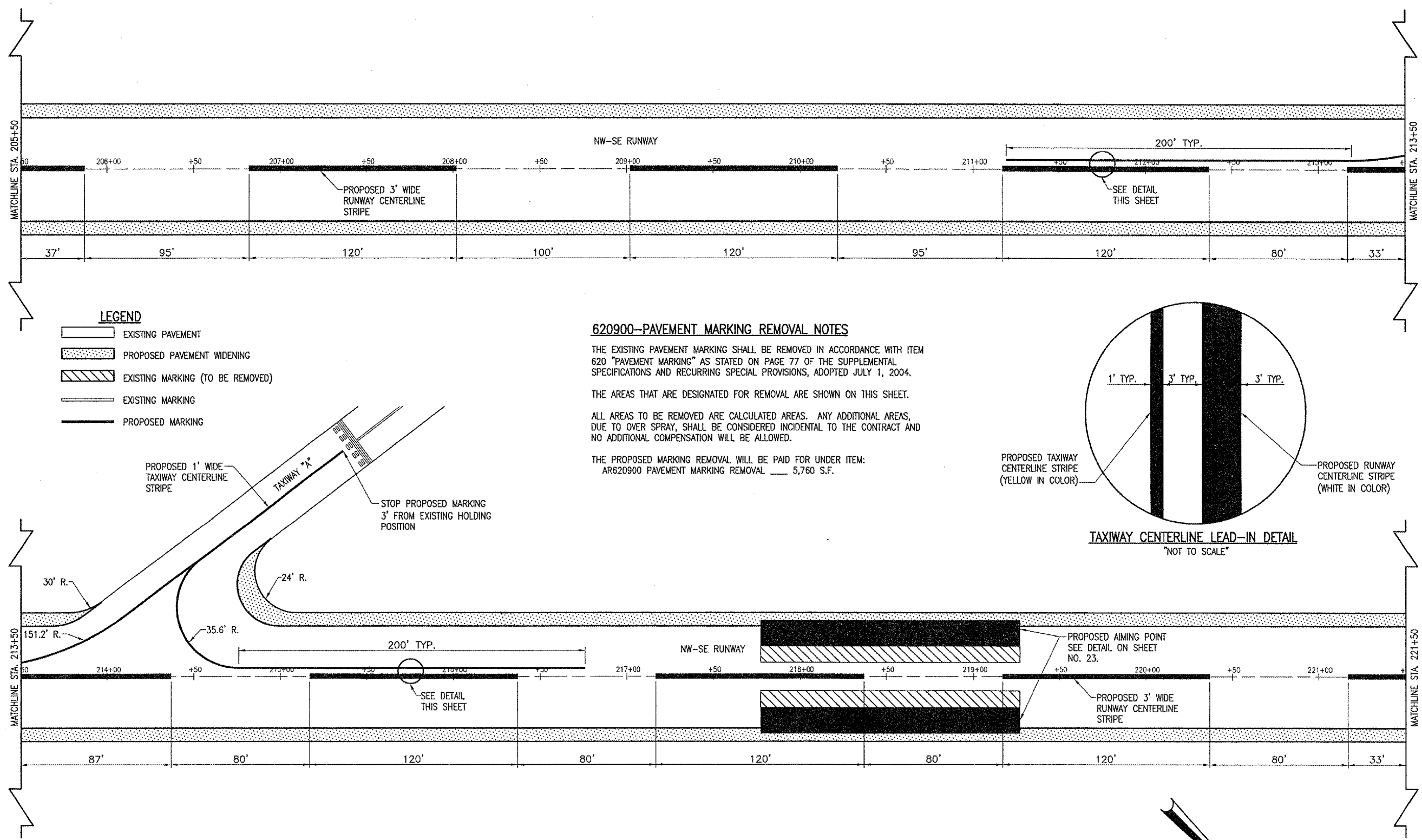


PROPOSED WIDENING
OF RUNWAY 13/31

PROPOSED
MARKING PLAN

STA. 189+47.00 TO STA. 205+50

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- LEGEND**
- EXISTING PAVEMENT
 - PROPOSED PAVEMENT WIDENING
 - EXISTING MARKING (TO BE REMOVED)
 - EXISTING MARKING
 - PROPOSED MARKING

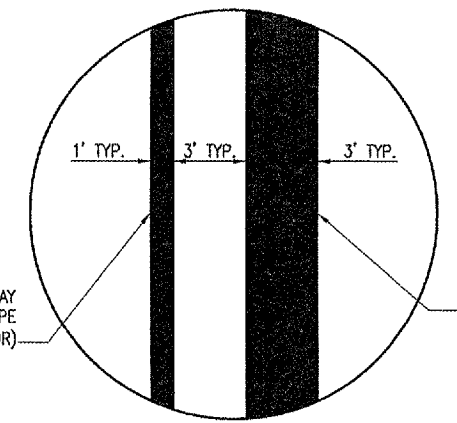
620900-PAVEMENT MARKING REMOVAL NOTES

THE EXISTING PAVEMENT MARKING SHALL BE REMOVED IN ACCORDANCE WITH ITEM 620 "PAVEMENT MARKING" AS STATED ON PAGE 77 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

THE AREAS THAT ARE DESIGNATED FOR REMOVAL ARE SHOWN ON THIS SHEET.

ALL AREAS TO BE REMOVED ARE CALCULATED AREAS. ANY ADDITIONAL AREAS, DUE TO OVER SPRAY, SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE PROPOSED MARKING REMOVAL WILL BE PAID FOR UNDER ITEM:
AR620900 PAVEMENT MARKING REMOVAL ___ 5,760 S.F.



TAXIWAY CENTERLINE LEAD-IN DETAIL
"NOT TO SCALE"

DATE	REVISION	BY

TRI-TOWNSHIP AIRPORT
SAVANNA, CARROLL COUNTY
ILLINOIS

A.I.P. PROJ.: 3-17-0091-B12
ILL. PROJ.: SFY-3538

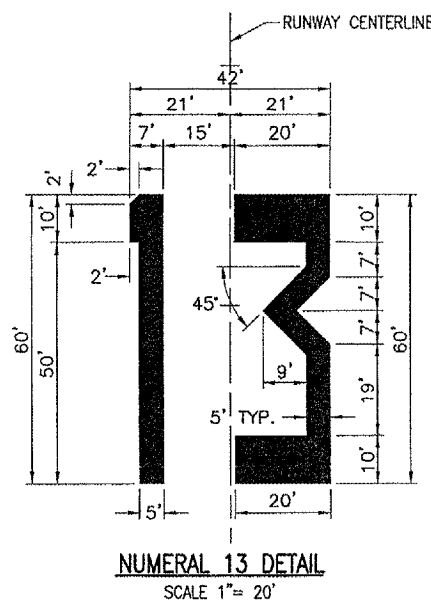
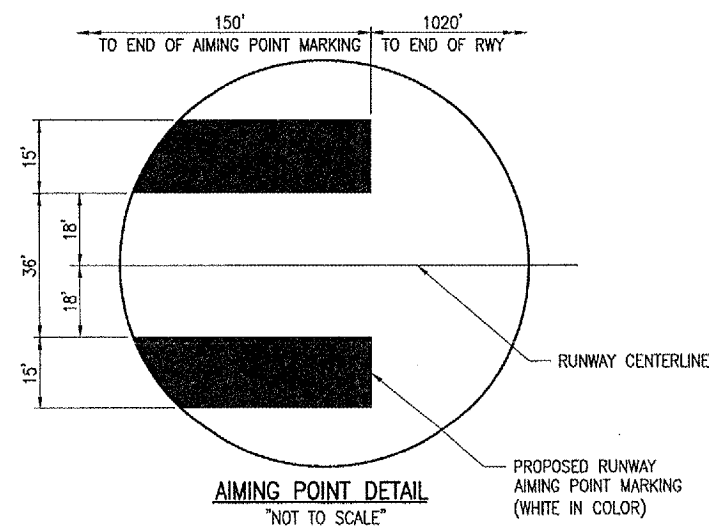
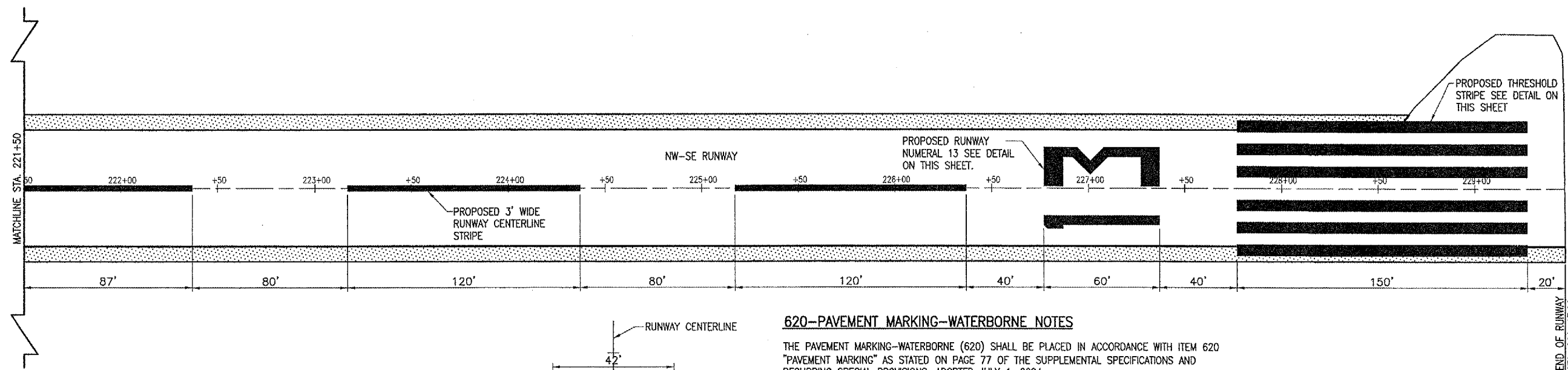
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Scale: 1"=30'	
Date: 11/02/05	
LAYOUT	B.A.K. 11/02/05
DRAWN	B.A.K. 11/02/05
REVIEWED	C.A.H. 01/12/06



PROPOSED WIDENING
OF RUNWAY 13/31

PROPOSED
MARKING PLAN
STA. 205+50 TO STA. 221+50

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620-PAVEMENT MARKING-WATERBORNE NOTES

THE PAVEMENT MARKING-WATERBORNE (620) SHALL BE PLACED IN ACCORDANCE WITH ITEM 620 "PAVEMENT MARKING" AS STATED ON PAGE 77 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

THIS ITEM SHALL CONSIST OF RUNWAY AND HOLDING LINE MARKING IN ACCORDANCE WITH THESE SPECIFICATIONS AND AT THE LOCATIONS SHOWN ON THE CONSTRUCTION PLANS. ALL RUNWAY MARKING WILL BE WHITE IN COLOR AND THE HOLDING LINE MARKING WILL BE YELLOW IN COLOR WITH A BLACK OUTLINE. THE PROPOSED PAVEMENT MARKING WILL BE APPLIED IN TWO APPLICATIONS.

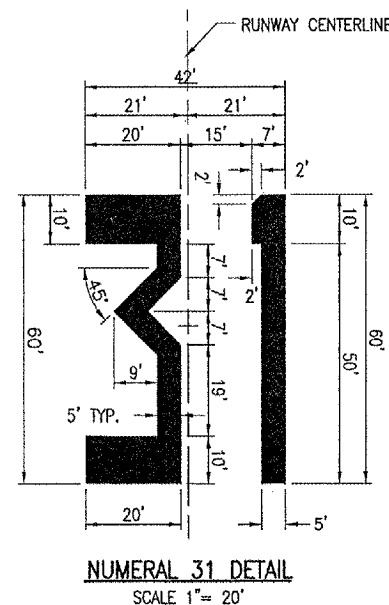
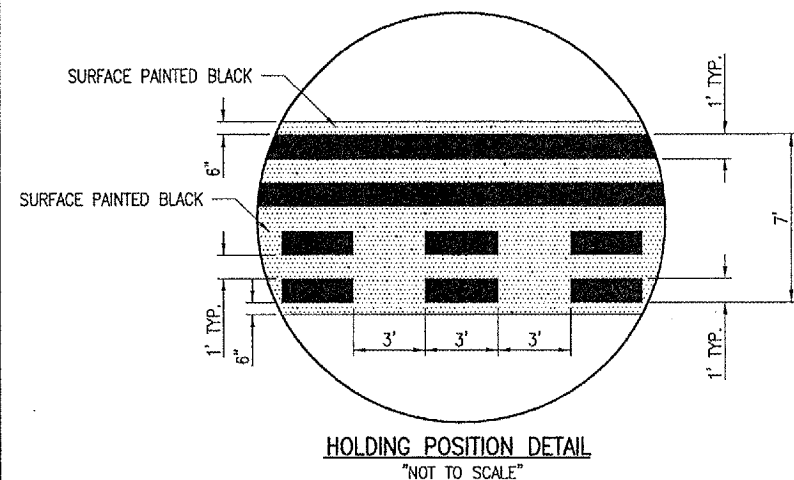
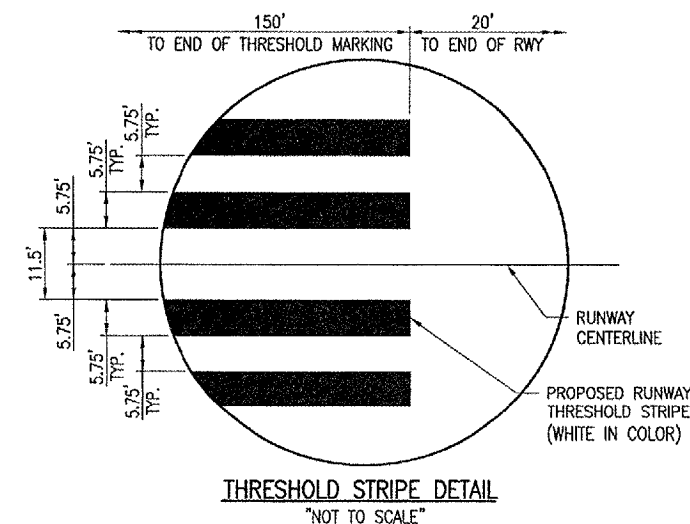
ANY MATERIAL DELIVERED THAT FAILS TO MEET THE SPECIFICATIONS SHALL BE DISPOSED OF BY THE VENDOR AND IMMEDIATELY REPLACED WITH ACCEPTABLE MATERIAL ENTIRELY AT THE VENDOR'S EXPENSE, INCLUDING HANDLING AND TRANSPORTATION CHARGES.

ALL PROPOSED MARKING WILL BE COMPLETED IN ACCORDANCE WITH THE DETAILS SHOWN ON THE CONSTRUCTION PLANS.

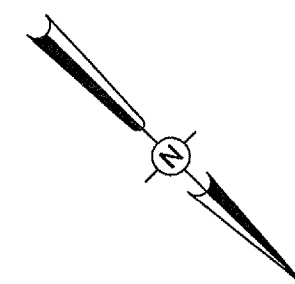
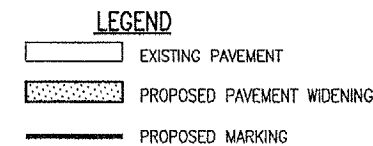
GLASS BEADS SHALL BE REQUIRED ONLY ON THE SECOND APPLICATION.

CUT-OFF SHEETS WILL BE REQUIRED TO INSURE STRAIGHT EDGES.

THE PROPOSED MARKING WILL BE PAID FOR UNDER ITEM:
AR620520 PAVEMENT MARKING-WATERBORNE 24,000 S.F.



MARKING QUANTITIES			
DESCRIPTION	UNIT AREA	NO. REQUIRED	TOTAL AREA
RUNWAY 13-31 CENTERLINE STRIPE	360	18	6,480
THRESHOLD STRIPE (RUNWAY END 13)	862.5	6	5,175
AIMING POINT	2,250	4	9,000
NUMERAL 1 (OF NUMERAL 13 AND 31)	320	2	640
NUMERAL 3 (OF NUMERAL 13 AND 31)	700	2	1,400
TOTAL WHITE			22,695
HOLDING POSITION (RUNWAY END 31)	210	1	210
TAXIWAY CENTERLINE	745	1	745
TOTAL YELLOW			955
HOLDING POSITION (BLACK BORDER)	350	1	350
TOTAL BLACK			350
TOTAL MARKING			24,000



DATE	REVISION	BY

TRI-TOWNSHIP AIRPORT
SAVANNA, CARROLL COUNTY
ILLINOIS

IL PROJ.: SFY-3538 A.I.P. PROJ.: 3-17-0091-812

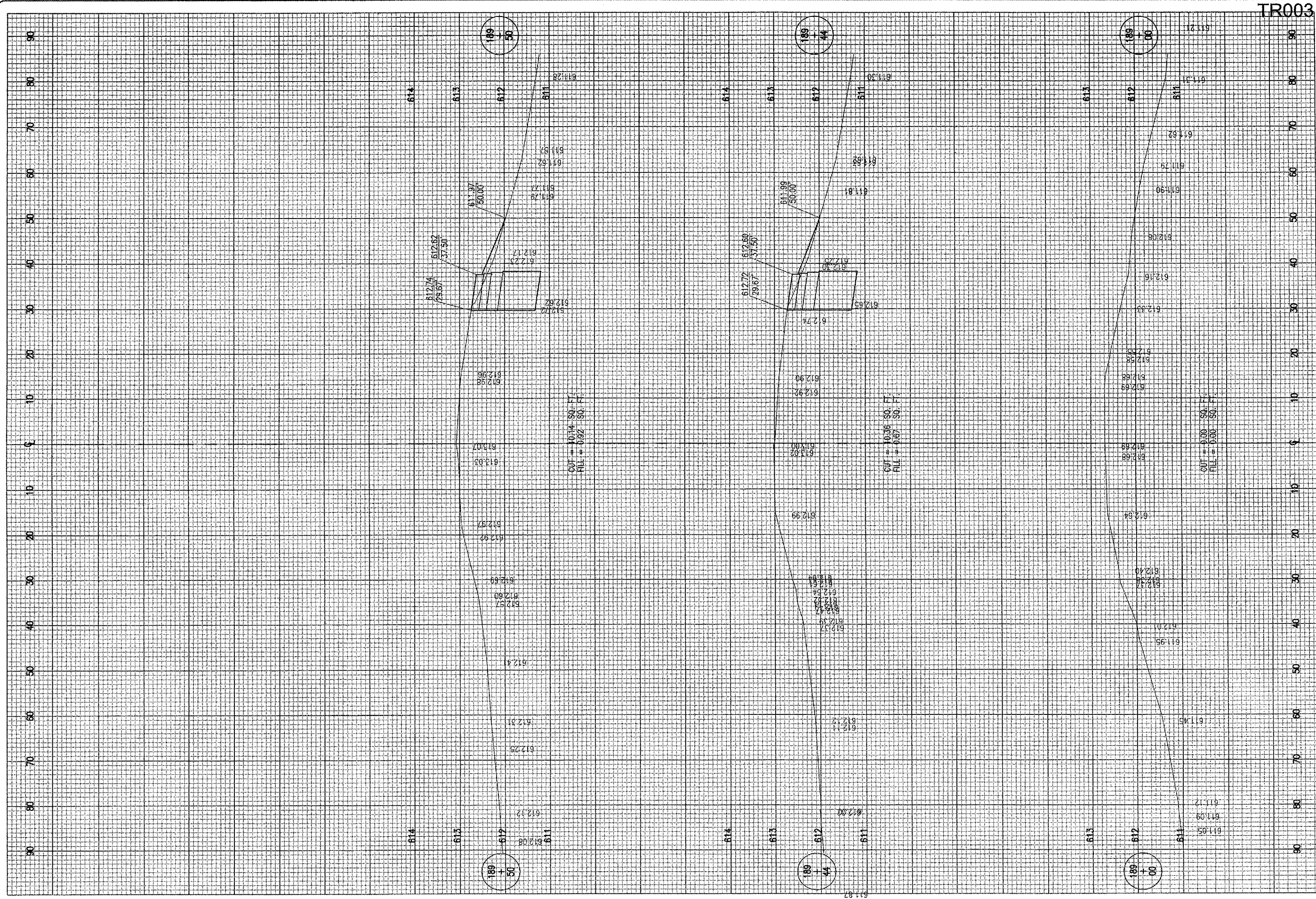
FILE PROJECT NO. 826-06RWYD_08DD	DATE 11/02/05
PLANNED R-151MRK.DWG	B.A.K. 11/02/05
SCALE 1" = 30'	B.A.K. 11/02/05
DATE 11/02/05	C.A.H. 01/12/06
LAYOUT	
DRAWN	
REVIEWED	



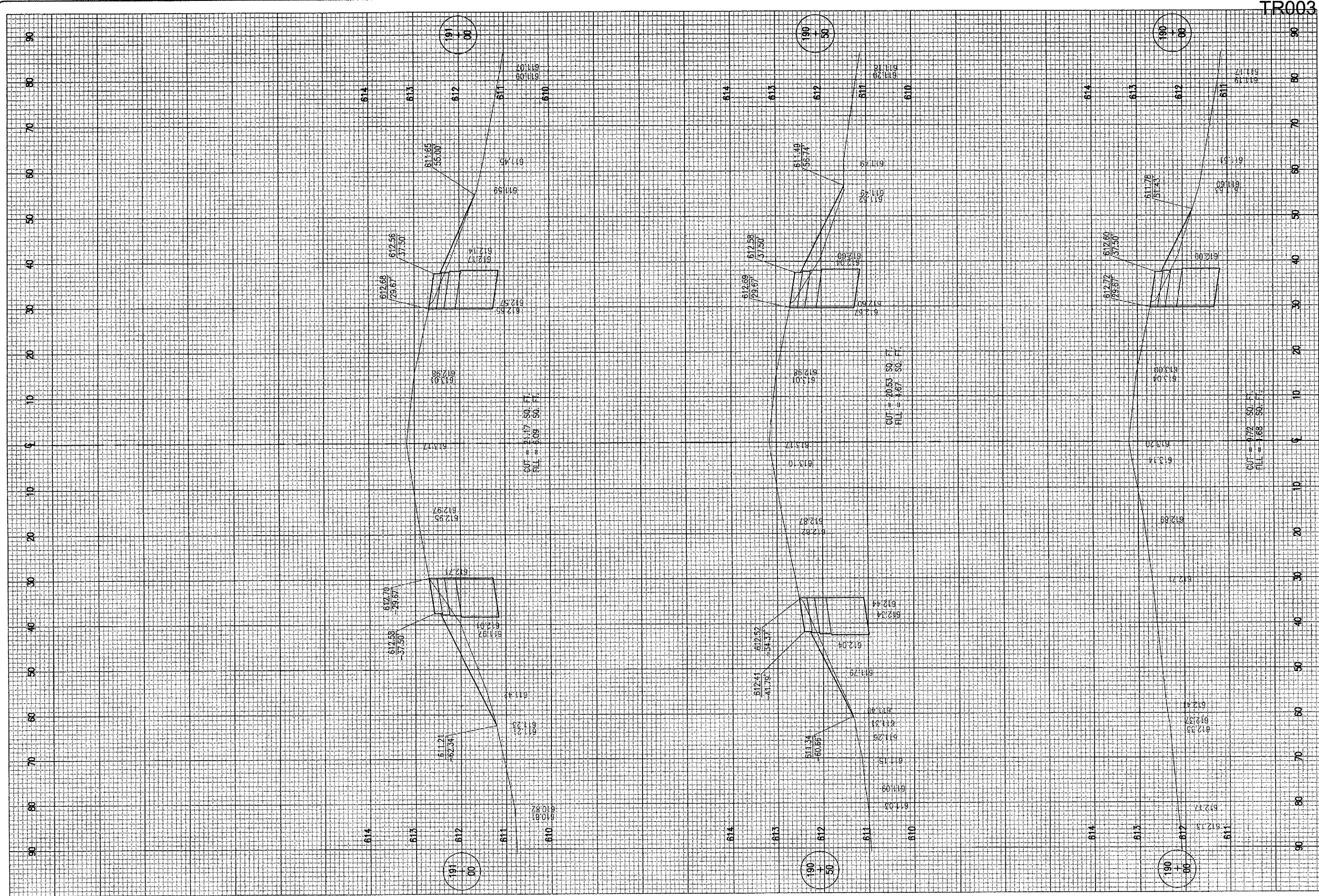
PROPOSED WIDENING OF RUNWAY 13/31 MARKING PLAN

STA. 221+50 TO STA. 229+47.00

MAR 29, 2006 10:51 AM CAH I:\AIRPORTS\SAVANNA\826-06RWY\AIRPORT\SHETS\R-151MRK.DWG - STA. 221+50 TO STA. 229+47.00



PROPOSED WIDENING OF RUNWAY 13/31		 Hanson Professional Services Inc. 1525 South Sixth Street Springfield, Illinois 62705-2886 Offices Nationwide	H&I Project No. 826-06RWYD_0800 Plans: R-301XS.DWG Scale: NOT TO SCALE Date: 10/24/05	DATE REVISION BY
PROPOSED CROSS-SECTIONS FOR RUNWAY 13/31 WIDENING STA. 189+00 TO STA. 189+50			LAYOUT B.A.K. 10/24/05 DRAWN B.A.K. 10/24/05 REVIEWED C.A.H. 01/12/06	TRI-TOWNSHIP AIRPORT SAVANNA, CARROLL COUNTY ILLINOIS A.I.P. PROJ.: 3-17-0091-B12 I.L. PROJ.: SFY-3538



TR003

DATE	REVISION	BY

TRI-TOWNSHIP AIRPORT
 SAVANNA, CARROLL COUNTY
 ILLINOIS

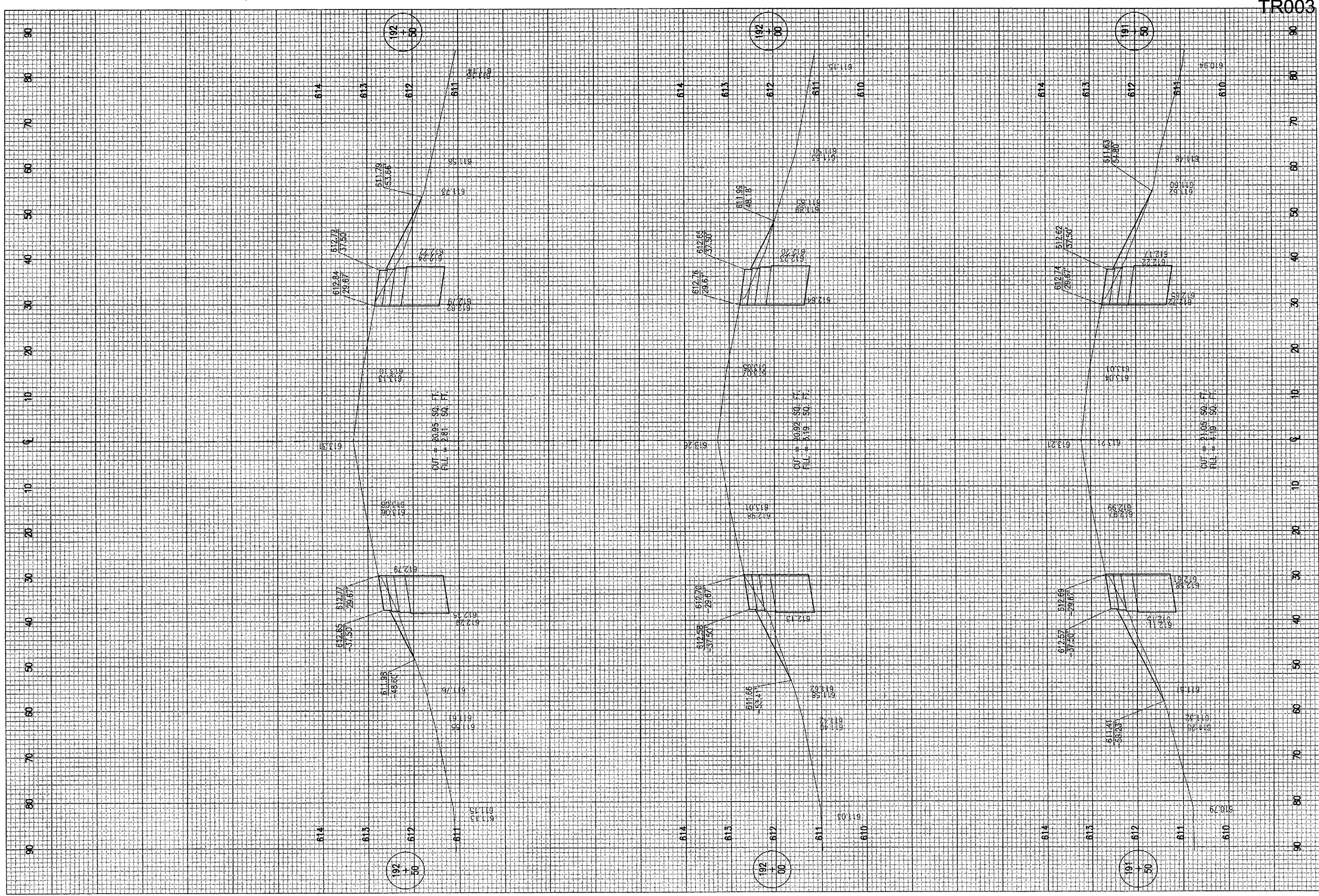
IL PROJ. SFY-3538 A.I.P. PROJ. 3-17-0091-B12

Proj. No. 826-06RWYD 0800	
Filename: R-302XS.DWG	
Scale: NOT TO SCALE	
Date: 10/24/05	
LAYOUT	B.A.K. 10/24/05
DRAWN	B.A.K. 10/24/05
REVIEWED	C.A.H. 01/12/06



PROPOSED WIDENING
 OF RUNWAY 13/31

PROPOSED CROSS-SECTIONS
 FOR RUNWAY 13/31 WIDENING
 STA. 190+00 TO STA. 191+00



TR003

DATE	REVISION	BY

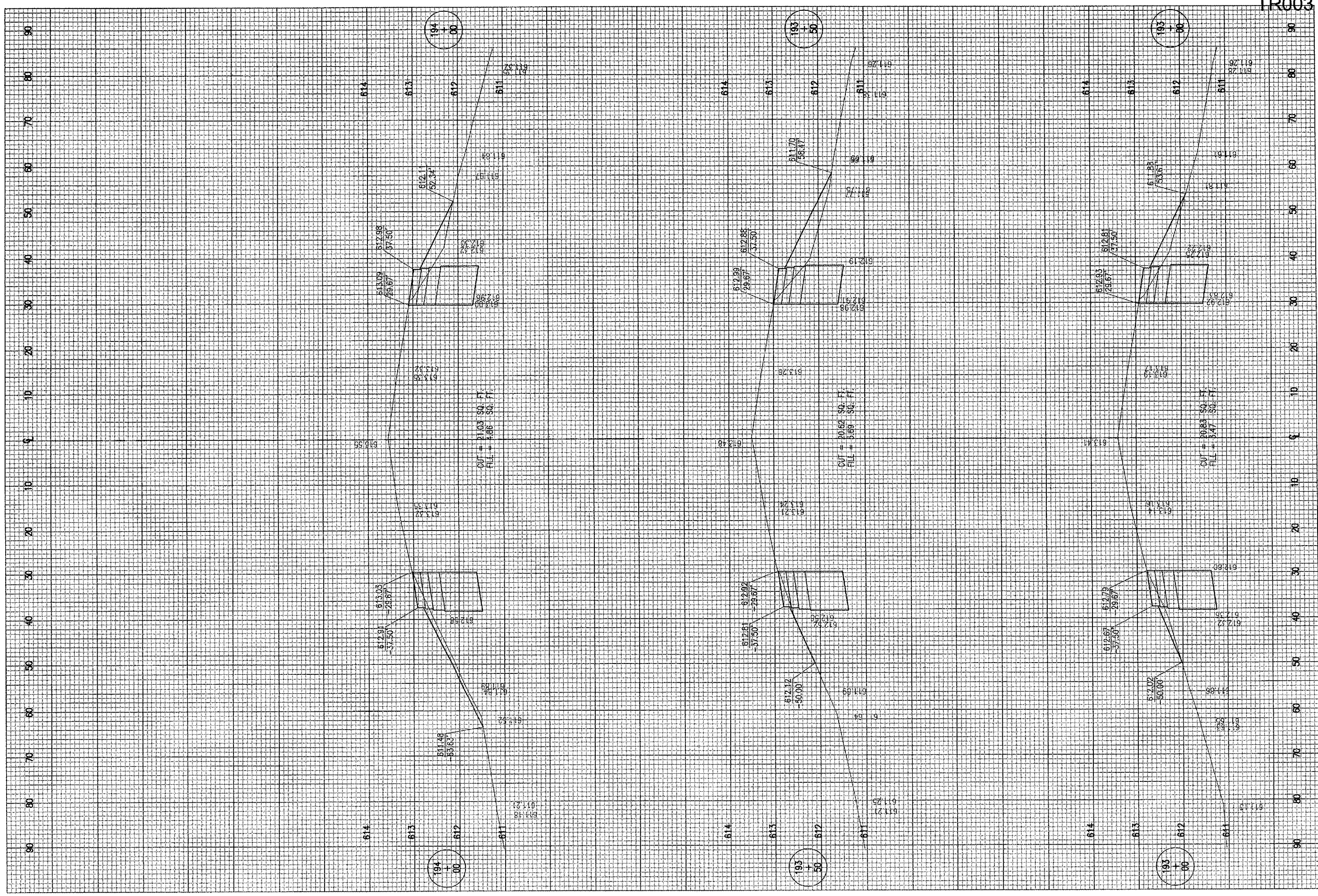
Project No. 826-06RWYD 0800
 Drawing: R-303XS.DWG
 Scale: NOT TO SCALE
 Date: 10/24/05

LAYOUT B.A.K. 10/24/05
 DRAWN B.A.K. 10/24/05
 REVIEWED C.A.H. 01/12/06

TRI-TOWNSHIP AIRPORT
 SAVANNA, CARROLL COUNTY
 ILLINOIS

I.L. PROJ.: SFY-3538 A.I.P. PROJ.: 3-17-0091-B12

<p>HANSON Hanson Professional Services Inc. 1525 South State Street Springfield, IL 62762-2886 Offices Nationwide</p>	
<p>PROPOSED WIDENING OF RUNWAY 13/31</p>	<p>PROPOSED CROSS-SECTIONS FOR RUNWAY 13/31 WIDENING STA. 191+50 TO STA. 192+50</p>



TR003

DATE	REVISION	BY

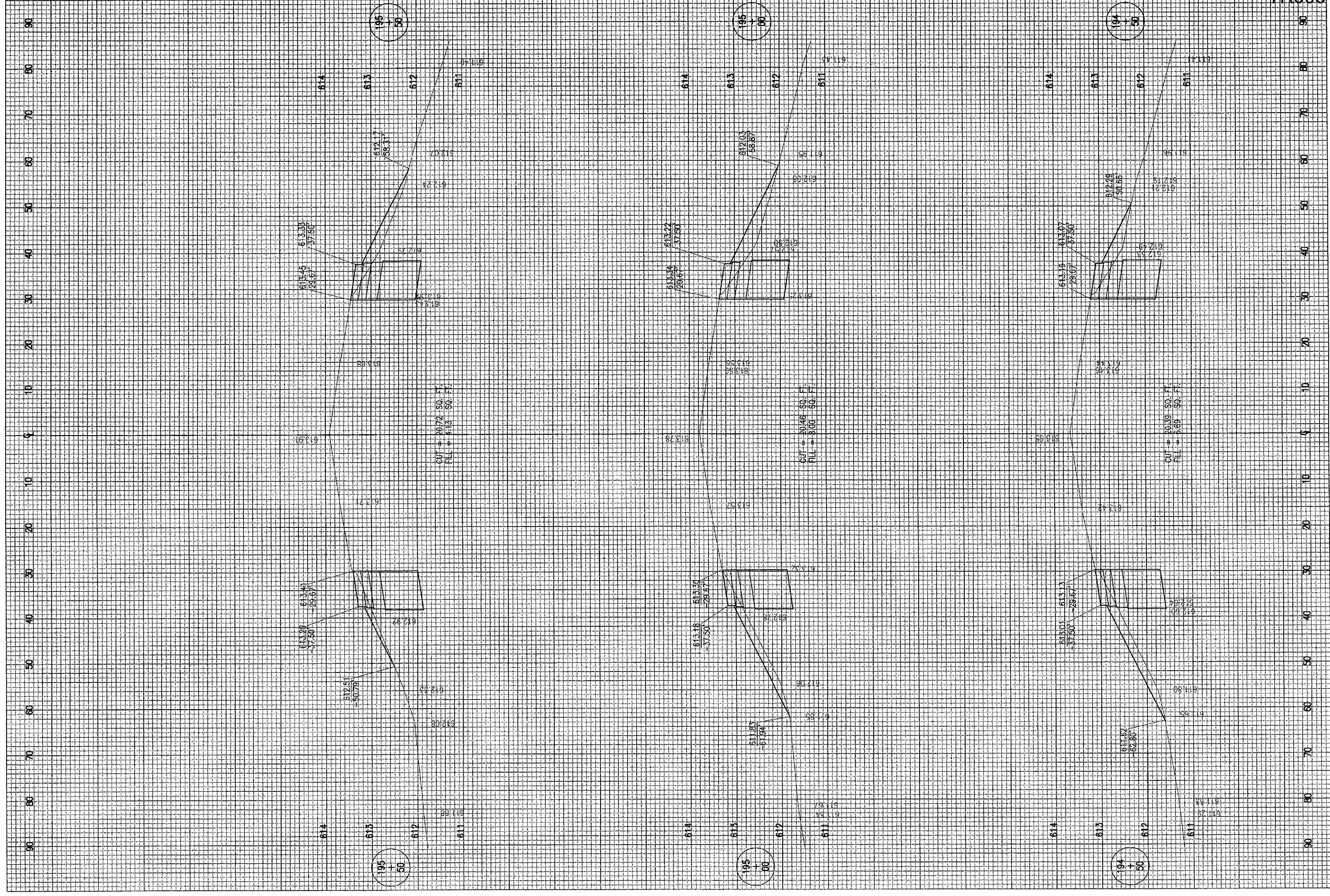
TRI-TOWNSHIP AIRPORT
 SAVANNA, CARROLL COUNTY
 ILLINOIS

IL PROJ.: SFY-3538 A.I.P. PROJ.: 3-17-0081-B12

HE Project No. 826-06RWYD.0800	Drawings R-304XS.DWG	Scale NOT TO SCALE	Date 10/24/05
LAYOUT	B.A.K.	10/24/05	
DRAWN	B.A.K.	10/24/05	
REVIEWED	C.A.H.	07/12/06	



PROPOSED WIDENING
 OF RUNWAY 13/31
 PROPOSED CROSS-SECTIONS
 FOR RUNWAY 13/31 WIDENING
 STA. 193+00 TO STA. 194+00



TR003

DATE	REVISION	BY

TRI-TOWNSHIP AIRPORT
 SAVANNA, CARROLL COUNTY
 ILLINOIS

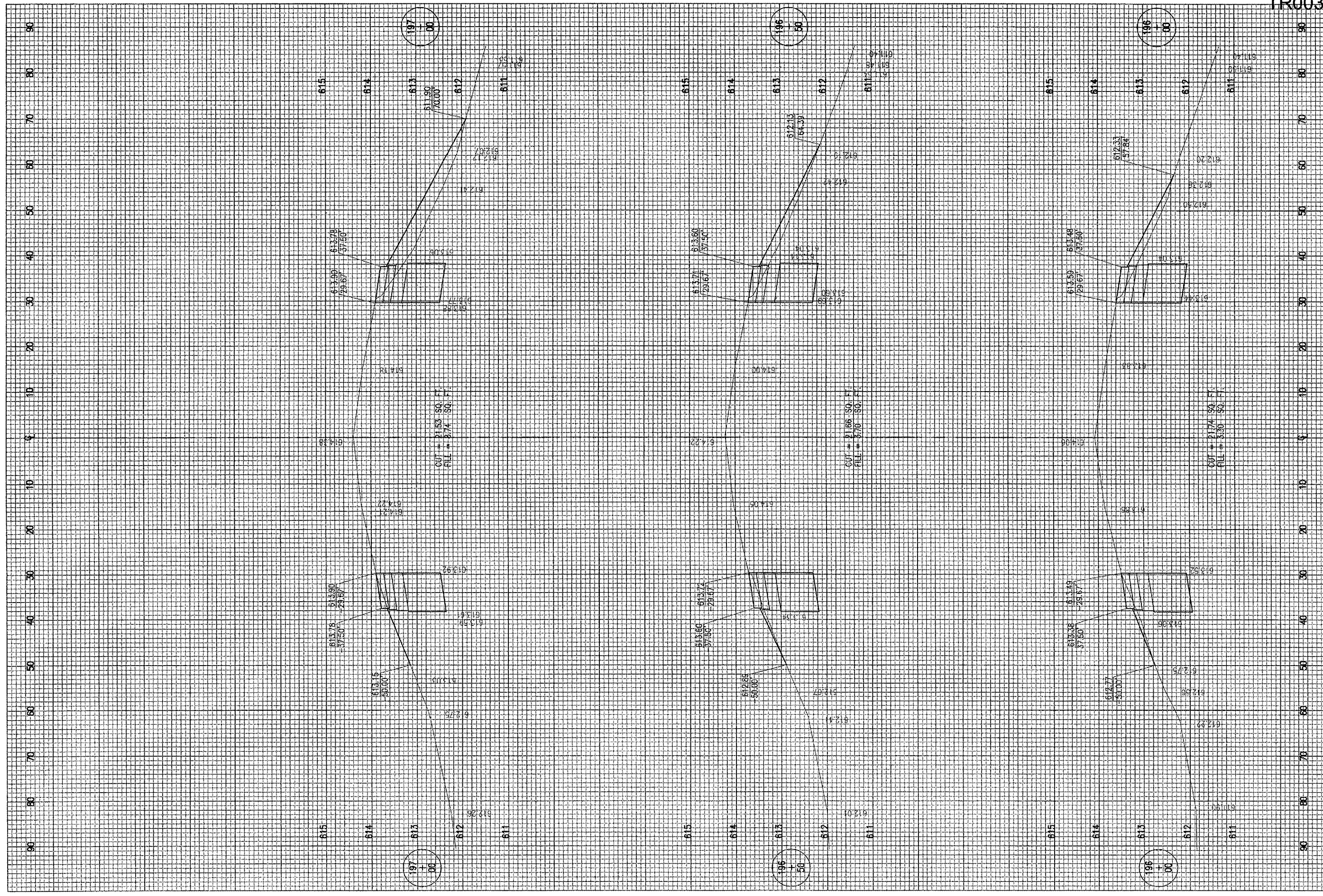
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FEI Project No. 826-06RWYD 0800 Filename: R-305XS.DWG Scale: NOT TO SCALE Date: 10/24/05	
LAYOUT	B.A.K. 10/24/05
DRAWN	B.A.K. 10/24/05
REVIEWED	C.A.H. 01/12/06



PROPOSED WIDENING
 OF RUNWAY 13/31

PROPOSED CROSS-SECTIONS
 FOR RUNWAY 13/31 WIDENING
 STA. 194+50 TO STA. 195+50



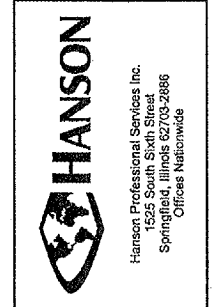
TR003

DATE	REVISION	BY

TRI-TOWNSHIP AIRPORT
 SAVANNA, CARROLL COUNTY
 ILLINOIS

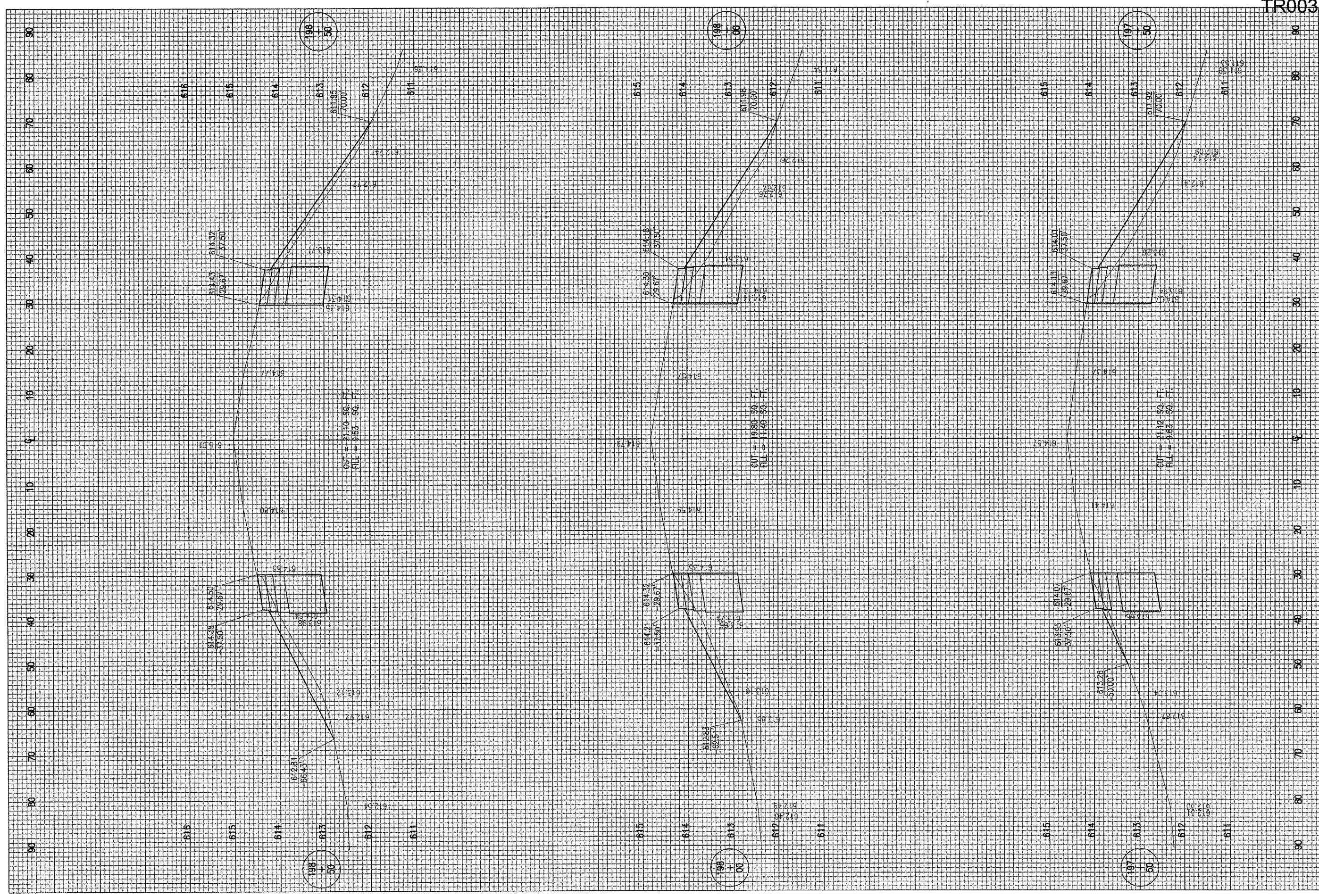
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LAYOUT	B.A.K.	10/24/05	
DRAWN	B.A.K.	10/24/05	
REVIEWED	C.A.H.	01/12/06	



PROPOSED WIDENING
 OF RUNWAY 13/31

PROPOSED CROSS-SECTIONS
 FOR RUNWAY 13/31 WIDENING
 STA. 196+00 TO STA. 197+00



TR003

DATE	REVISION	BY

TRI-TOWNSHIP AIRPORT
 SAVANNA, CARROLL COUNTY
 ILLINOIS

IL PROJ: SFY-3538 A.I.P. PROJ: 3-17-0091-812

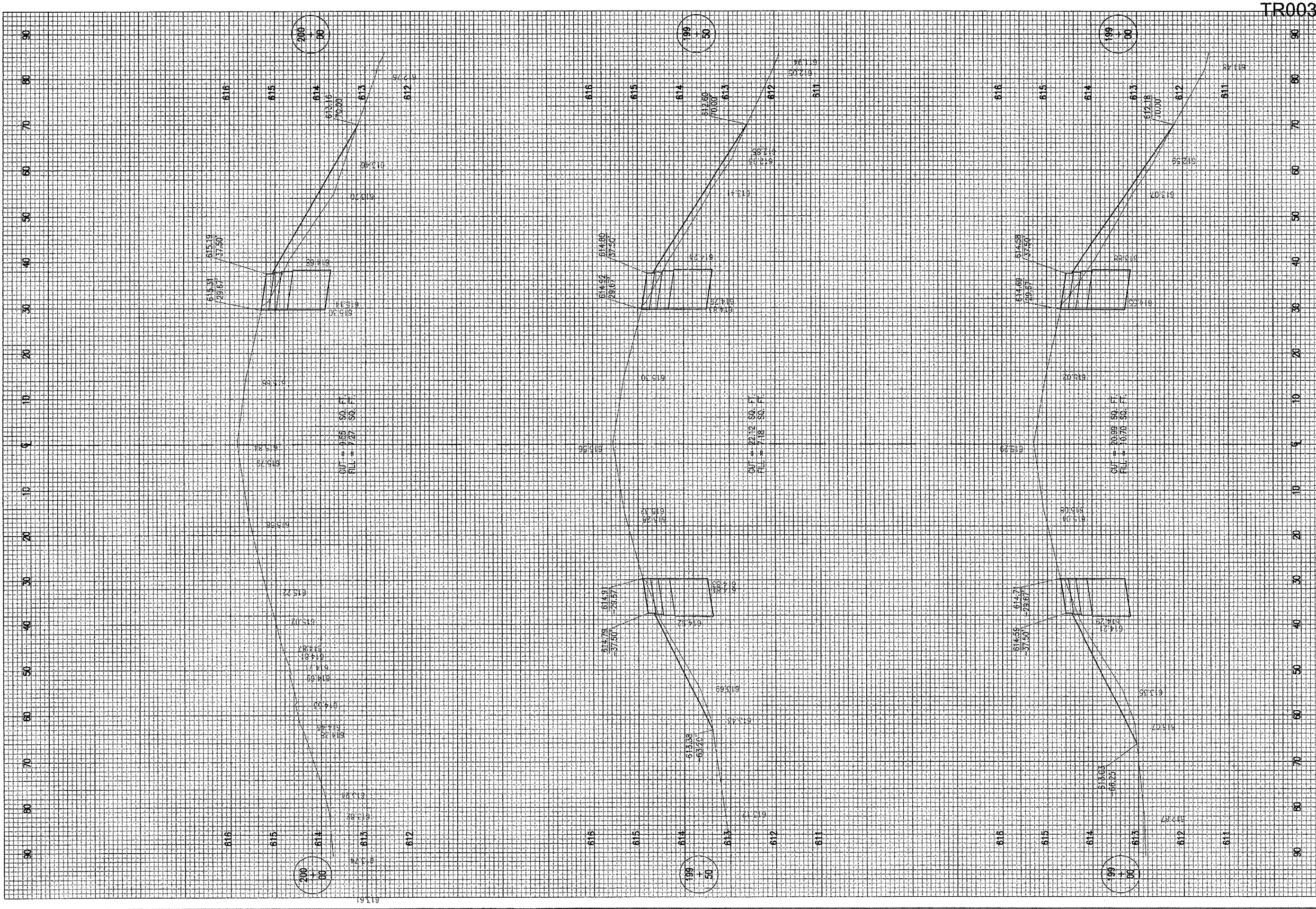
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Filename R-307XS.DWG	
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Date 10/24/05	
LAYOUT B.A.K. 10/24/05	
DRAWN B.A.K. 10/24/05	
REVIEWED C.A.H. 01/12/06	

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Hanson Professional Services Inc.
 1526 South Sixth Street
 Springfield, Illinois 62705-2886
 Offices Nationwide

PROPOSED WIDENING
 OF RUNWAY 13/31

PROPOSED CROSS-SECTIONS
 FOR RUNWAY 13/31 WIDENING
 STA. 197+50 TO STA. 198+50



TR003

DATE	REVISION	BY

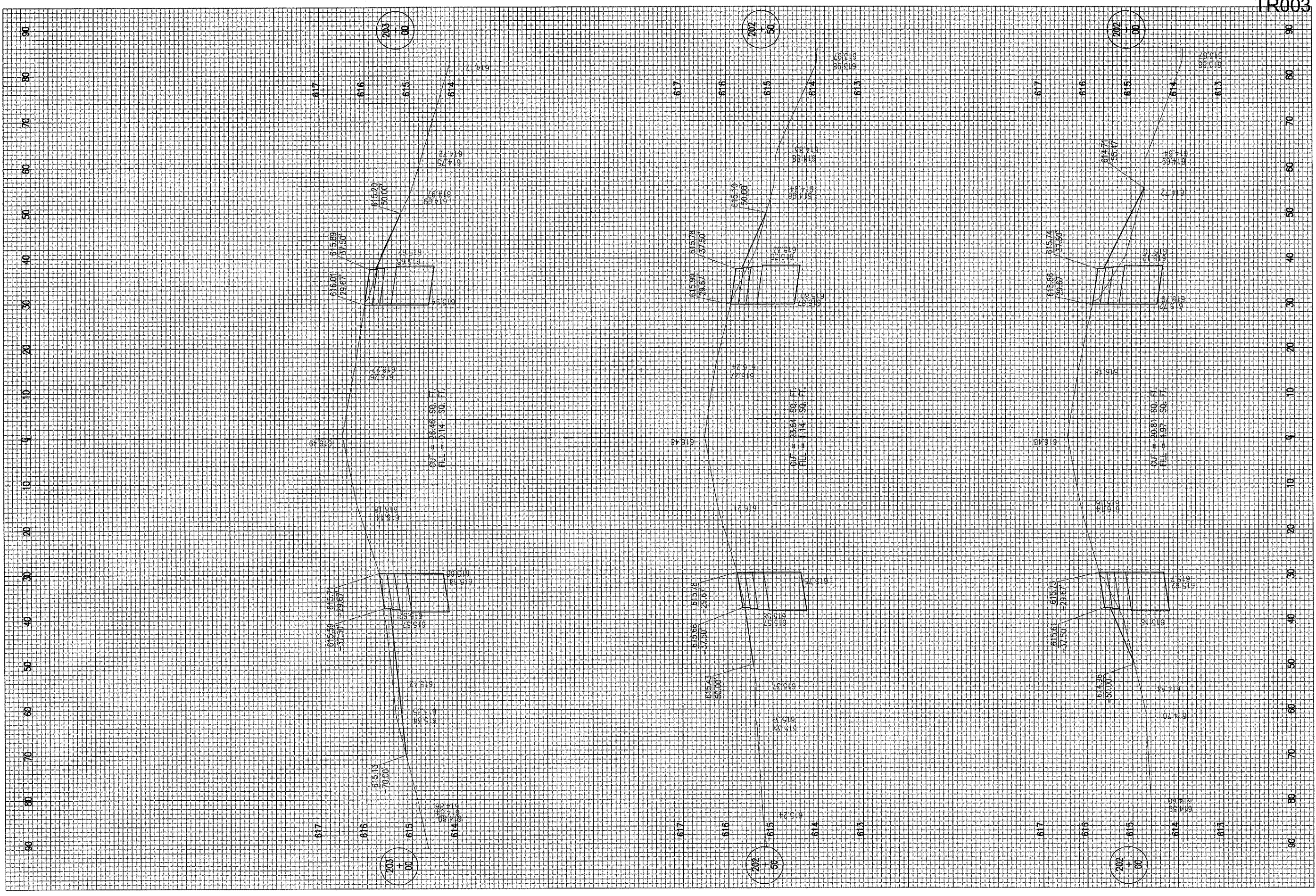
TRI-TOWNSHIP AIRPORT
 SAVANNA, CARROLL COUNTY
 ILLINOIS

IL PROJ.: SFY-3538 A.I.P. PROJ.: 3-17-0091-B12

REL. Project No. 826-06RWYD_0800	Filename: R-308XS.DWG
Scale: NOT TO SCALE	Date: 10/24/05
LAYOUT	B.A.K. 10/24/05
DRAWN	B.A.K. 10/24/05
REVIEWED	C.A.H. 01/12/06



PROPOSED WIDENING
 OF RUNWAY 13/31
 PROPOSED CROSS-SECTIONS
 FOR RUNWAY 13/31 WIDENING
 STA. 199+00 TO STA. 200+00



TR003

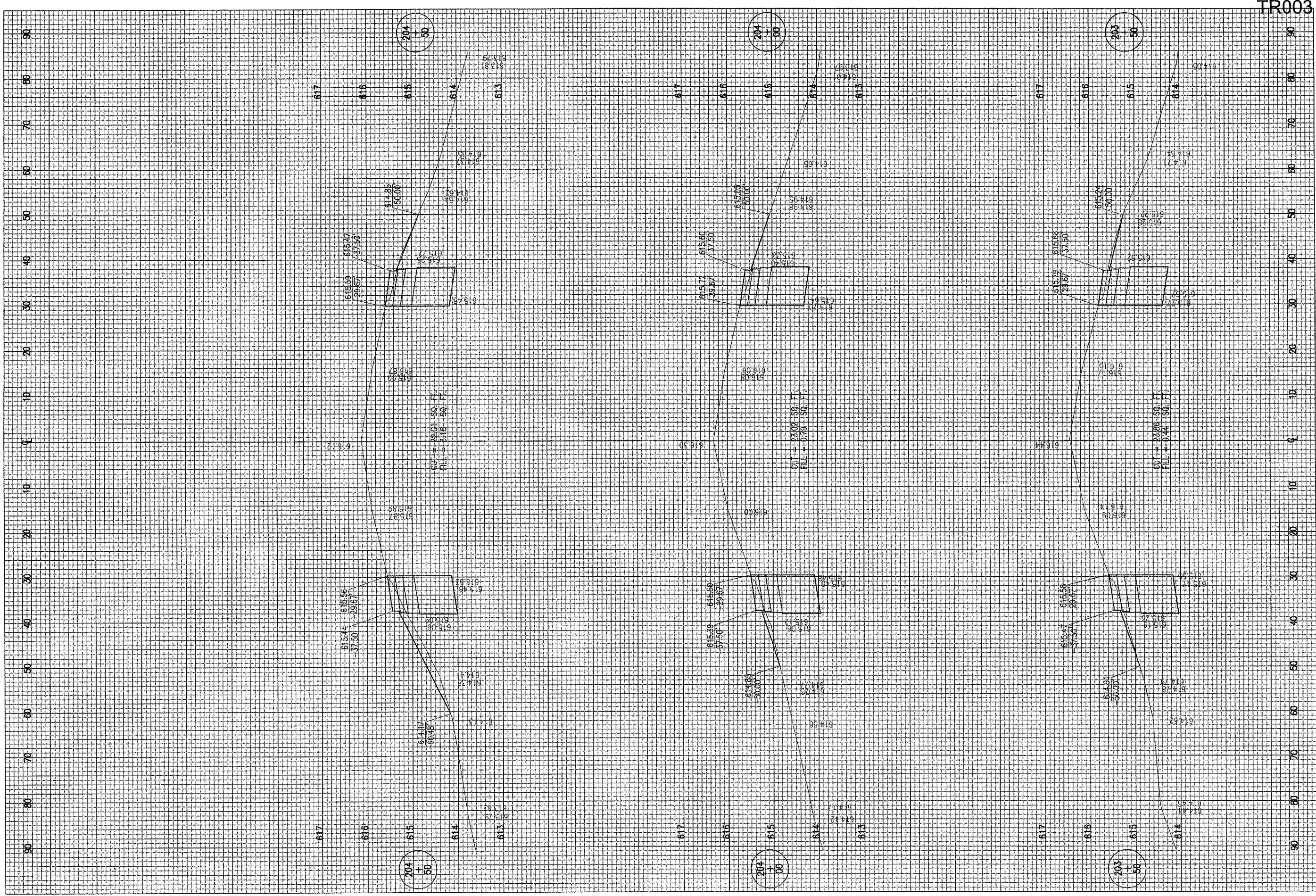
DATE	REVISION	BY

TRI-TOWNSHIP AIRPORT
 SAVANNA, CARROLL COUNTY
 ILLINOIS

HEI Project No. 826-06RWYD_0800	
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Scale: NOT TO SCALE	
Date: 10/24/05	
LAYOUT: B.A.K. 10/24/05	
DRAWN: B.A.K. 10/24/05	
REVIEWED: C.A.H. 01/12/06	



PROPOSED WIDENING
 OF RUNWAY 13/31
 PROPOSED CROSS-SECTIONS
 FOR RUNWAY 13/31 WIDENING
 STA. 202+00 TO STA. 203+00



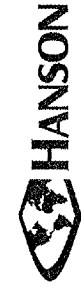
TR003

DATE	REVISION	BY

TRI-TOWNSHIP AIRPORT
 SAVANNA, CARROLL COUNTY
 ILLINOIS

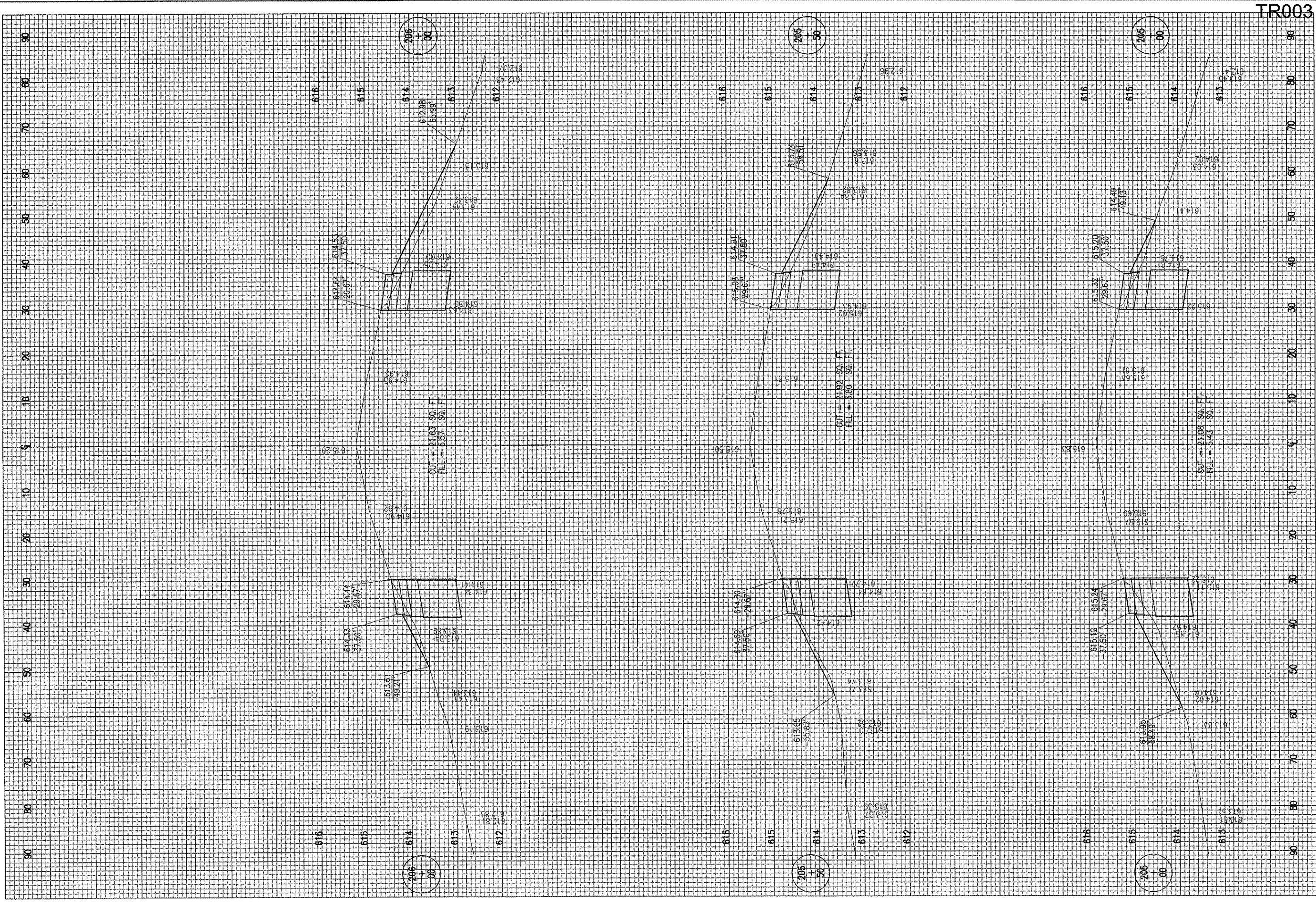
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H.E. Project No. 826-06RWYD 0800 Filename R-311XS.DWG Scale NOT TO SCALE Date 10/24/05	LAYOUT B.A.K. 10/24/05 DRAWN B.A.K. 10/24/05 REVIEWED C.A.H. 01/12/06
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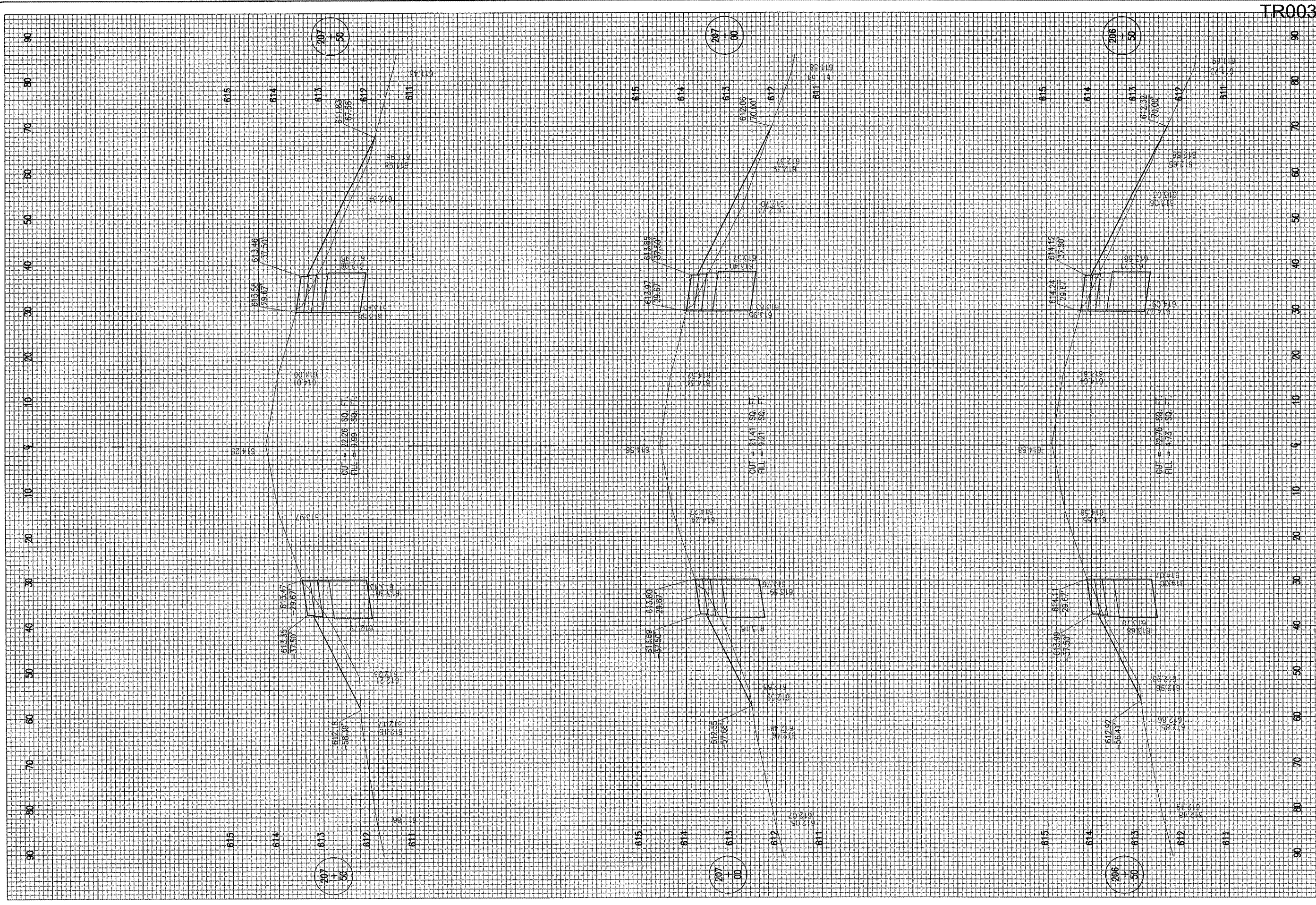


Hanson Professional Services Inc.
 1229 South Saren Street
 Springfield, IL 62768
 Offices Nationwide

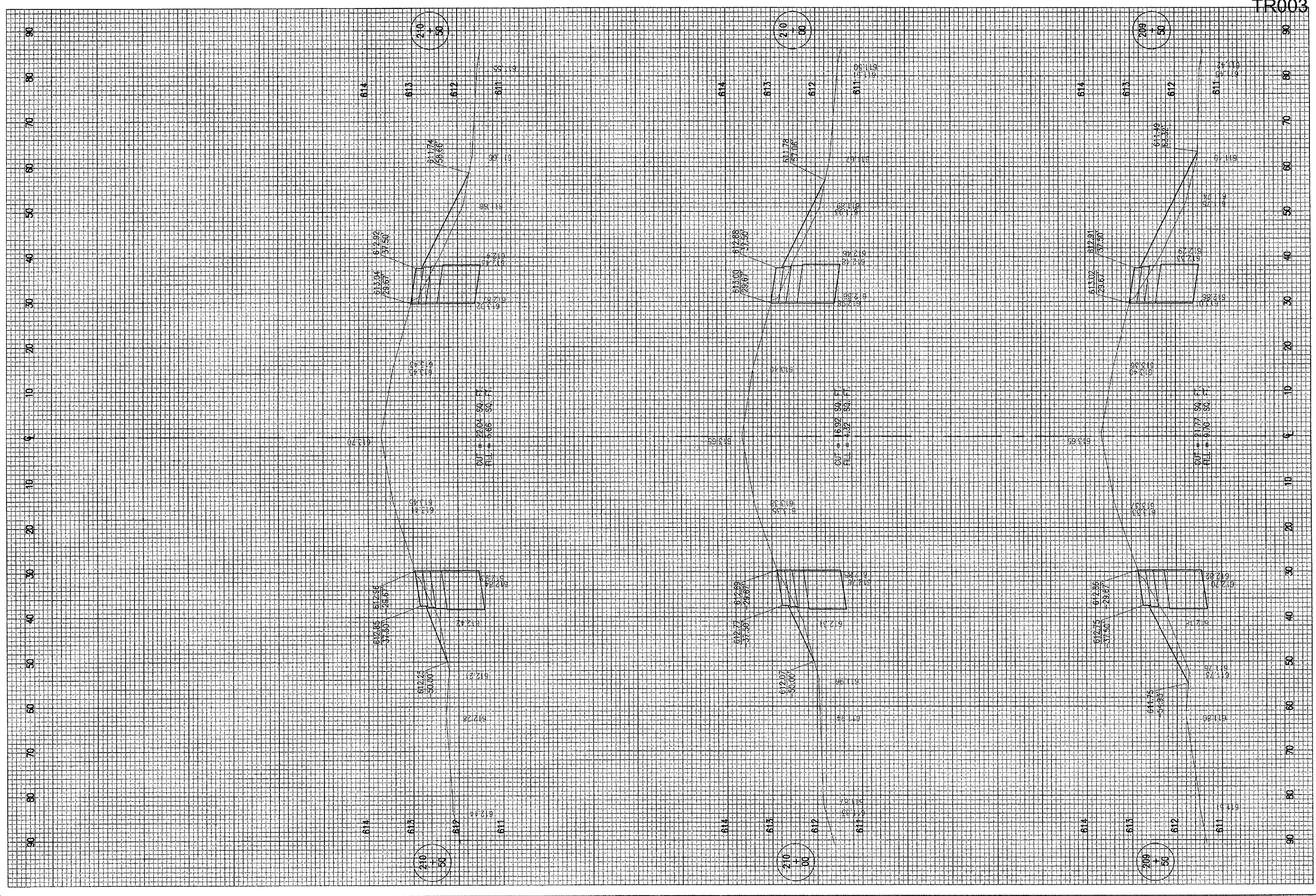
PROPOSED WIDENING
 OF RUNWAY 13/31
 PROPOSED CROSS-SECTIONS
 FOR RUNWAY 13/31 WIDENING
 STA. 203+50 TO STA. 204+50




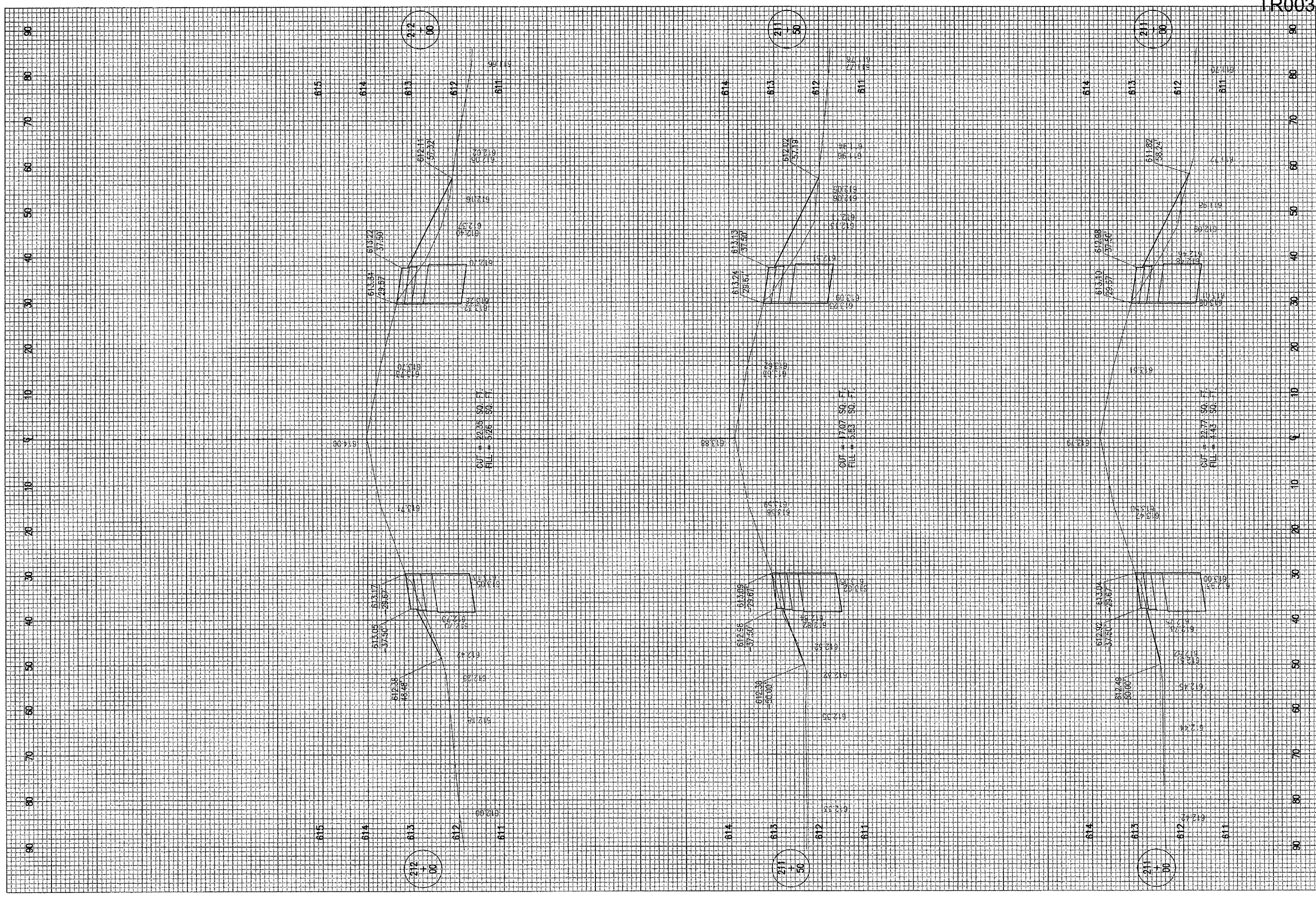
<p>35</p> <p>35 of 51 sheets</p>	<p>PROPOSED WIDENING OF RUNWAY 13/31</p> <p>PROPOSED CROSS-SECTIONS FOR RUNWAY 13/31 WIDENING STA. 205+00 TO STA. 206+00</p>		<p>HANSON</p> <p>Hanson Professional Services, Inc. 1625 South Sixth Street Springfield, Illinois 62705-2886 Offices Nationwide</p>	<p>REVIEWED C.A.H. 01/12/06</p> <p>DRAWN B.A.K. 10/24/05</p> <p>LAYOUT B.A.K. 10/24/05</p>	<p>HE Project No. 826-06RWTD 0800</p> <p>Filename R-312XS.DWG</p> <p>Scale NOT TO SCALE</p> <p>Date 10/24/05</p>	<p>TRI-TOWNSHIP AIRPORT SAVANNA, CARROLL COUNTY ILLINOIS</p> <p>IL PROJ.: SCY-3538 A.I.P. PROJ.: 3-17-0091-812</p>	<table border="1"> <tr> <th>DATE</th> <th>REVISION</th> <th>BY</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	DATE	REVISION	BY									
	DATE	REVISION		BY															



36	PROPOSED WIDENING OF RUNWAY 13/31 PROPOSED CROSS-SECTIONS FOR RUNWAY 13/31 WIDENING STA. 206+50 TO STA. 207+50	REVISION DATE
HANSON Hanson Professional Services Inc. 1525 South Sixth Street Springfield, Illinois 62705-2886 Offices Nationwide		TRI-TOWNSHIP AIRPORT SAVANNA, CARROLL COUNTY ILLINOIS I.L. PROJ.: SFY-3538 A.I.P. PROJ.: 3-17-0091-812
HD. Project No. 826-06RWYD 0800 Filename R-313XS.DWG Scale NOT TO SCALE Date 10/24/05		REVISION DATE
LAYOUT B.A.K. 10/24/05 DRAWN B.A.K. 10/24/05 REVIEWED C.A.H. 01/12/06		REVISION DATE



38 <small>38 of 51 sheets</small>	PROPOSED WIDENING OF RUNWAY 13/31		 <small>Hanson Professional Services Inc. 1525 South Sixth Street Springfield, Illinois 62705-2886 Offices Nationwide</small>	<small>HE Project No. 826-06RWYD 0800 Drawing R-315XS.DWG Scale NOT TO SCALE Date 10/24/05</small>		TRI-TOWNSHIP AIRPORT SAVANNA, CARROLL COUNTY ILLINOIS		<small>IL PROJ.: SFY-3538 A.I.P. PROJ.: 3-17-0091-B12</small>																					
	PROPOSED CROSS-SECTIONS FOR RUNWAY 13/31 WIDENING STA. 209+50 TO STA. 210+50			<table border="1"> <tr> <td>LAYOUT</td> <td>B.A.K.</td> <td>10/24/05</td> </tr> <tr> <td>DRAWN</td> <td>B.A.K.</td> <td>10/24/05</td> </tr> <tr> <td>REVIEWED</td> <td>C.A.H.</td> <td>01/12/06</td> </tr> </table>		LAYOUT	B.A.K.	10/24/05	DRAWN	B.A.K.	10/24/05	REVIEWED	C.A.H.	01/12/06	<table border="1"> <tr> <th>REVISION</th> <th>DATE</th> <th>BY</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>		REVISION	DATE	BY										
LAYOUT	B.A.K.	10/24/05																											
DRAWN	B.A.K.	10/24/05																											
REVIEWED	C.A.H.	01/12/06																											
REVISION	DATE	BY																											



TR003

DATE	REVISION	BY

TRI-TOWNSHIP AIRPORT
 SAVANNA, CARROLL COUNTY
 ILLINOIS

IL PROJ.: STY-3538 A.I.P. PROJ.: 3-17-0091-812

FILE Project No.	826-06RWYD.0800
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Date	10/24/05

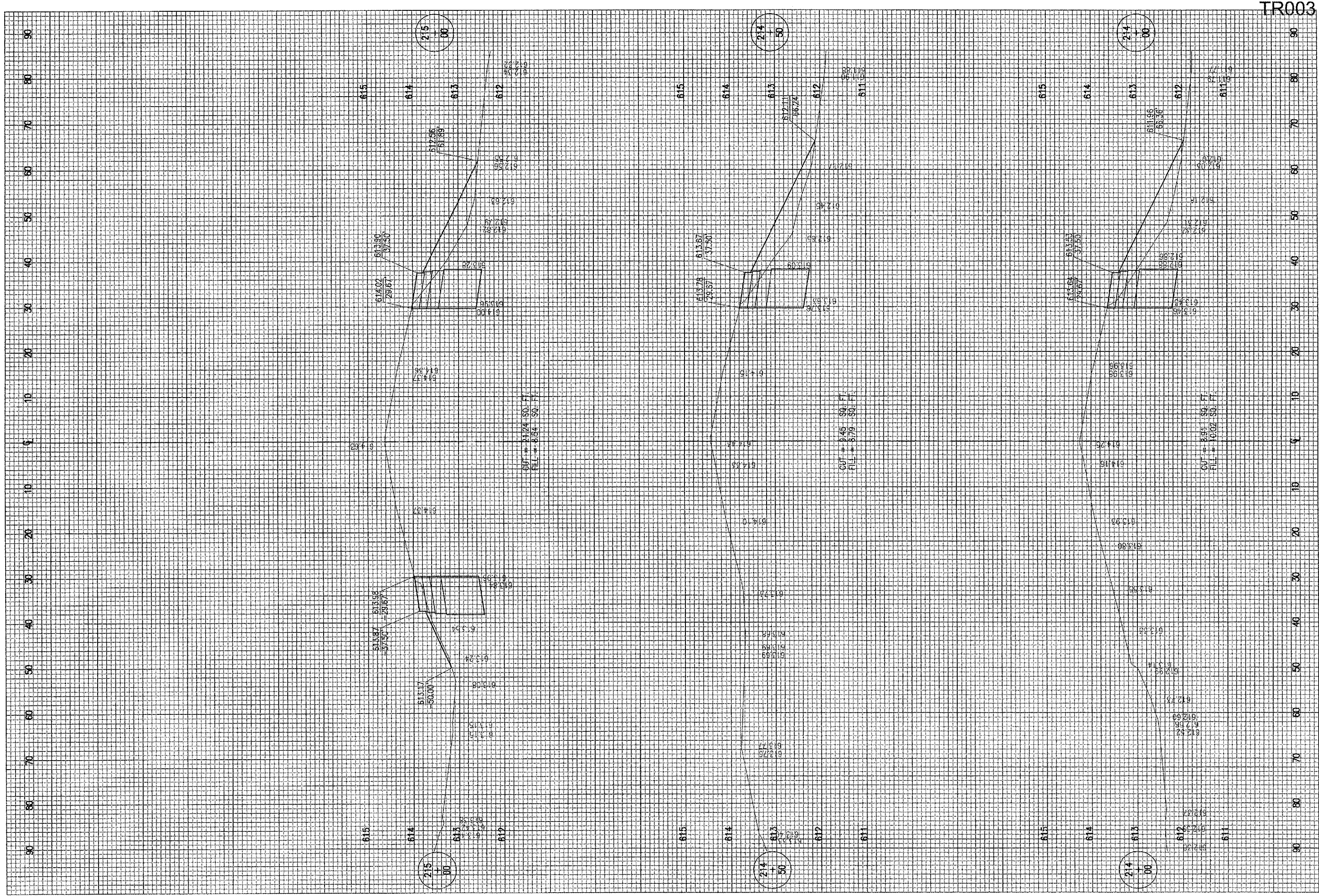
LAYOUT	B.A.K.	10/24/05
DRAWN	B.A.K.	10/24/05
REVIEWED	C.A.H.	01/12/06



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 Offices Nationwide

PROPOSED WIDENING
 OF RUNWAY 13/31

PROPOSED CROSS-SECTIONS
 FOR RUNWAY 13/31 WIDENING
 STA. 211+00 TO STA. 212+00



TR003

DATE	REVISION	BY

TRI-TOWNSHIP AIRPORT
 SAVANNA, CARROLL COUNTY
 ILLINOIS

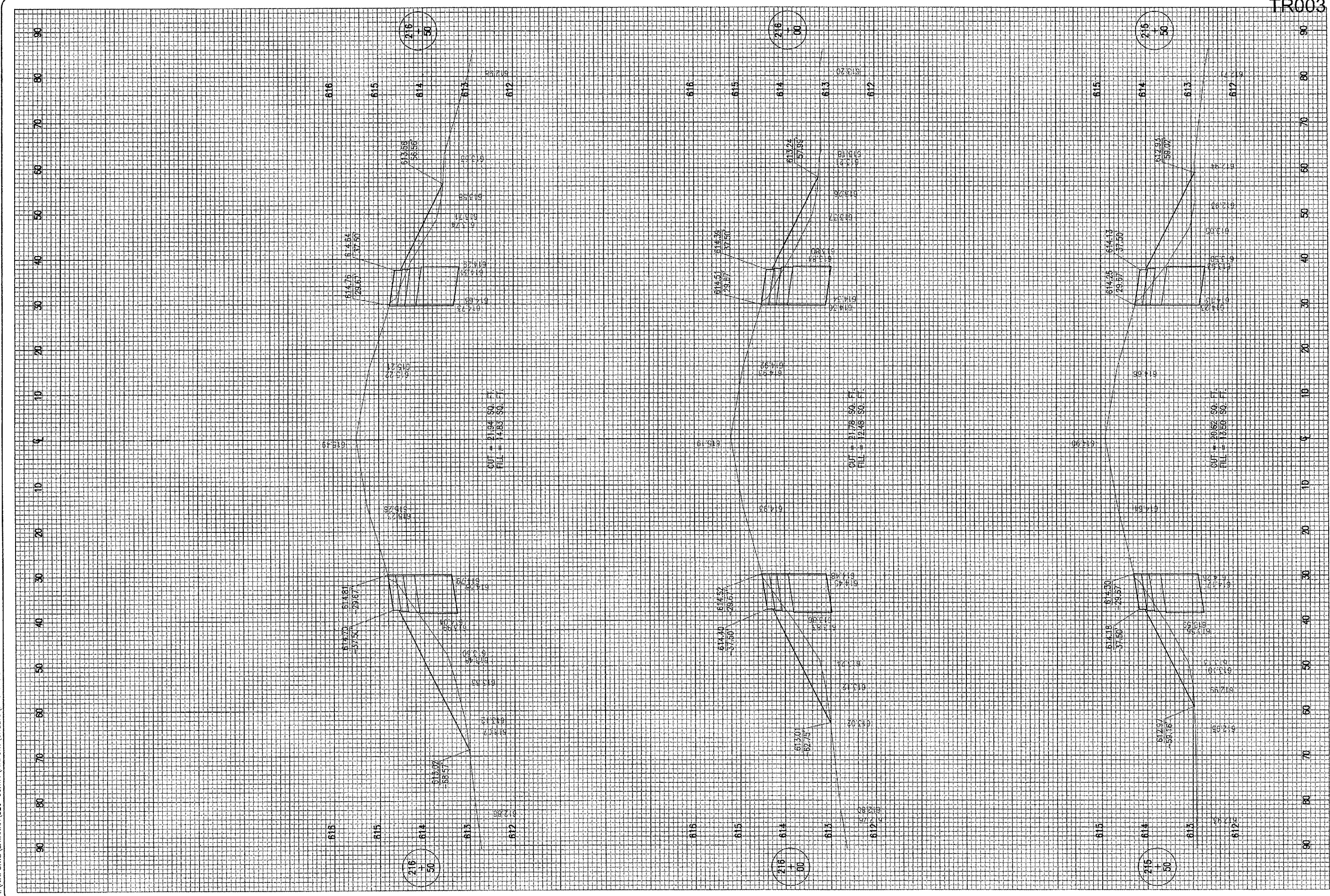
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S&B Project No. 826-06RWY 0800 DRAWING: R-318XS.DWG Scale: NOT TO SCALE Date: 10/24/05	LAYOUT DRAWN: B.A.K. 10/24/05 REVIEWED: B.A.K. 10/24/05 C.A.H. 01/12/06
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PROPOSED WIDENING
 OF RUNWAY 13/31

PROPOSED CROSS-SECTIONS
 FOR RUNWAY 13/31 WIDENING
 STA. 214+00 TO STA. 215+00



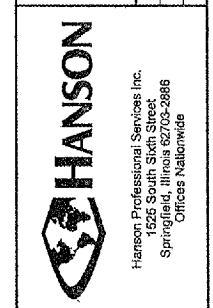
TR003

REVISION	DATE	BY

TRI-TOWNSHIP AIRPORT
 SAVANNA, CARROLL COUNTY
 ILLINOIS

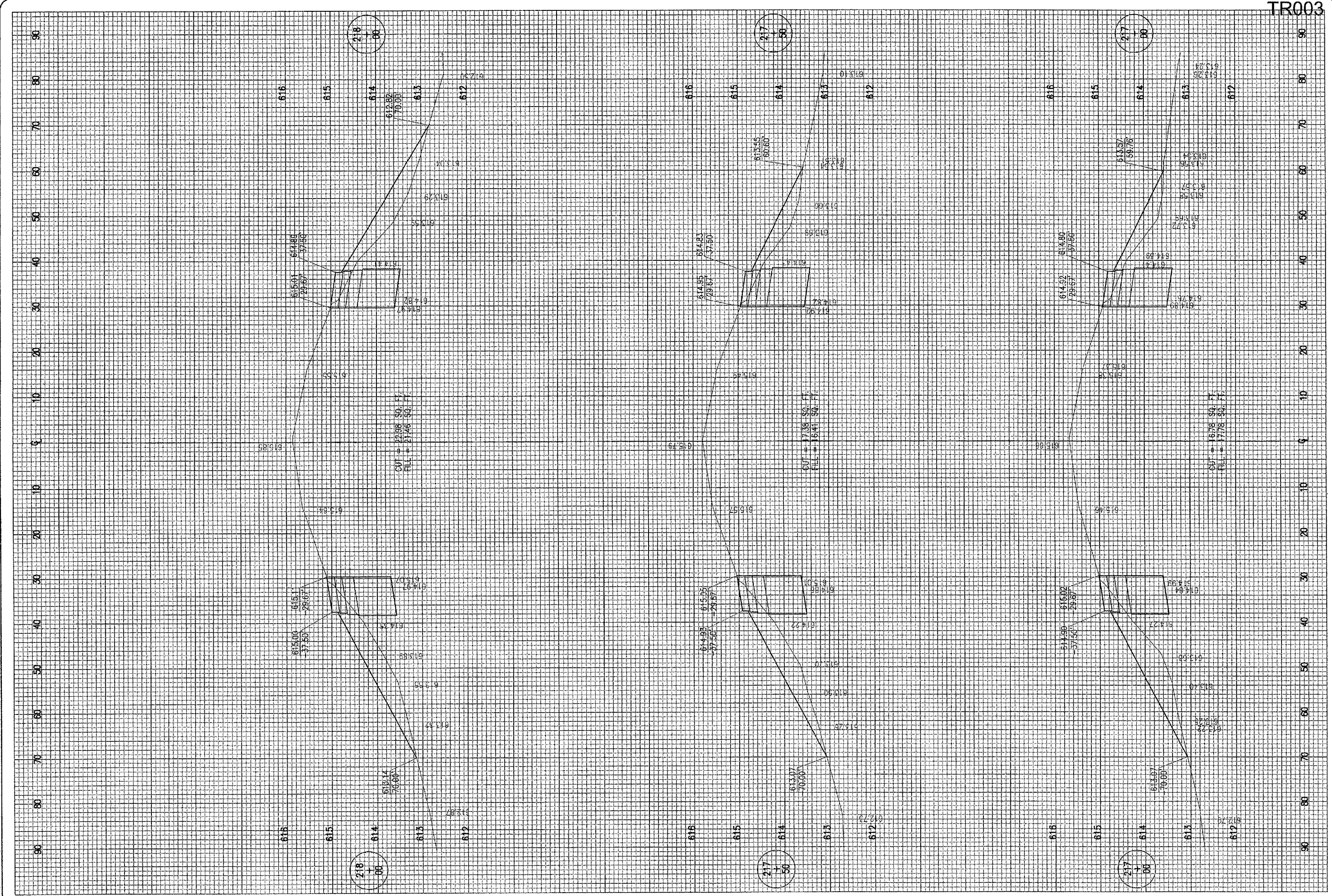
ILL. PROJ.: STY-3538 A.I.P. PROJ.: 3-17-0091-812

HD Project No. 826-06RWYD.0800 Name: R-319XS.DWG Scale: NOT TO SCALE Date: 10/24/05	LAYOUT DRAWN REVIEWED	B.A.K. B.A.K. C.A.H.	10/24/05 10/24/05 01/12/06
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PROPOSED WIDENING
 OF RUNWAY 13/31

PROPOSED CROSS-SECTIONS
 FOR RUNWAY 13/31 WIDENING
 STA. 215+50 TO STA. 216+50



TR003

DATE	REVISION	BY

TRI-TOWNSHIP AIRPORT
 SAVANNA, CARROLL COUNTY
 ILLINOIS

IL PROJ.: SFT-3538 A.I.P. PROJ.: 3-17-0091-B12

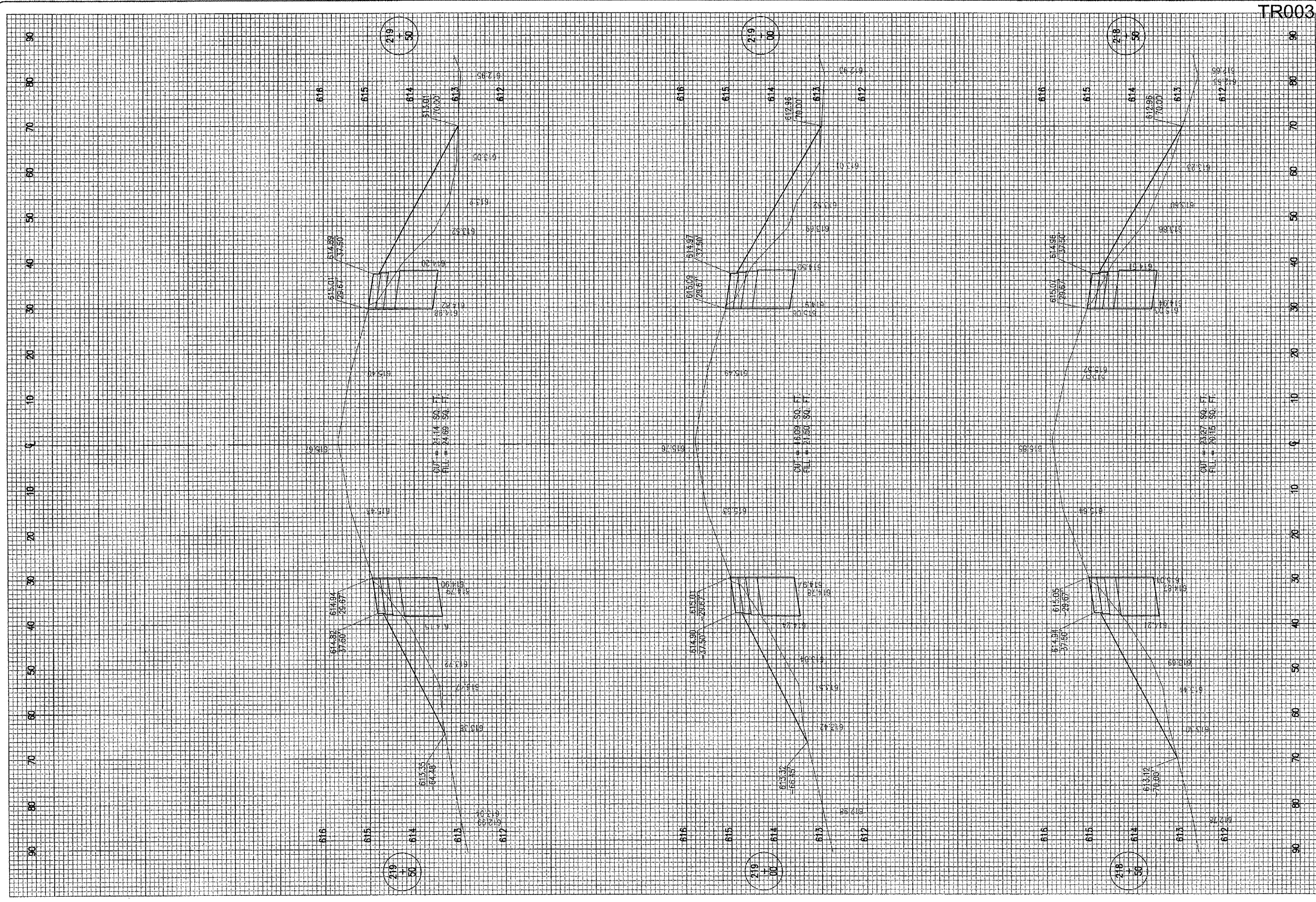
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Date: 10/24/05	
LAYOUT	B.A.K. 10/24/05
DRAWN	B.A.K. 10/24/05
REVIEWED	C.A.H. 01/12/06

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Hanson Professional Services Inc.
 1625 South Sixth Street
 Springfield, Illinois 62703-2886
 Offices Nationwide

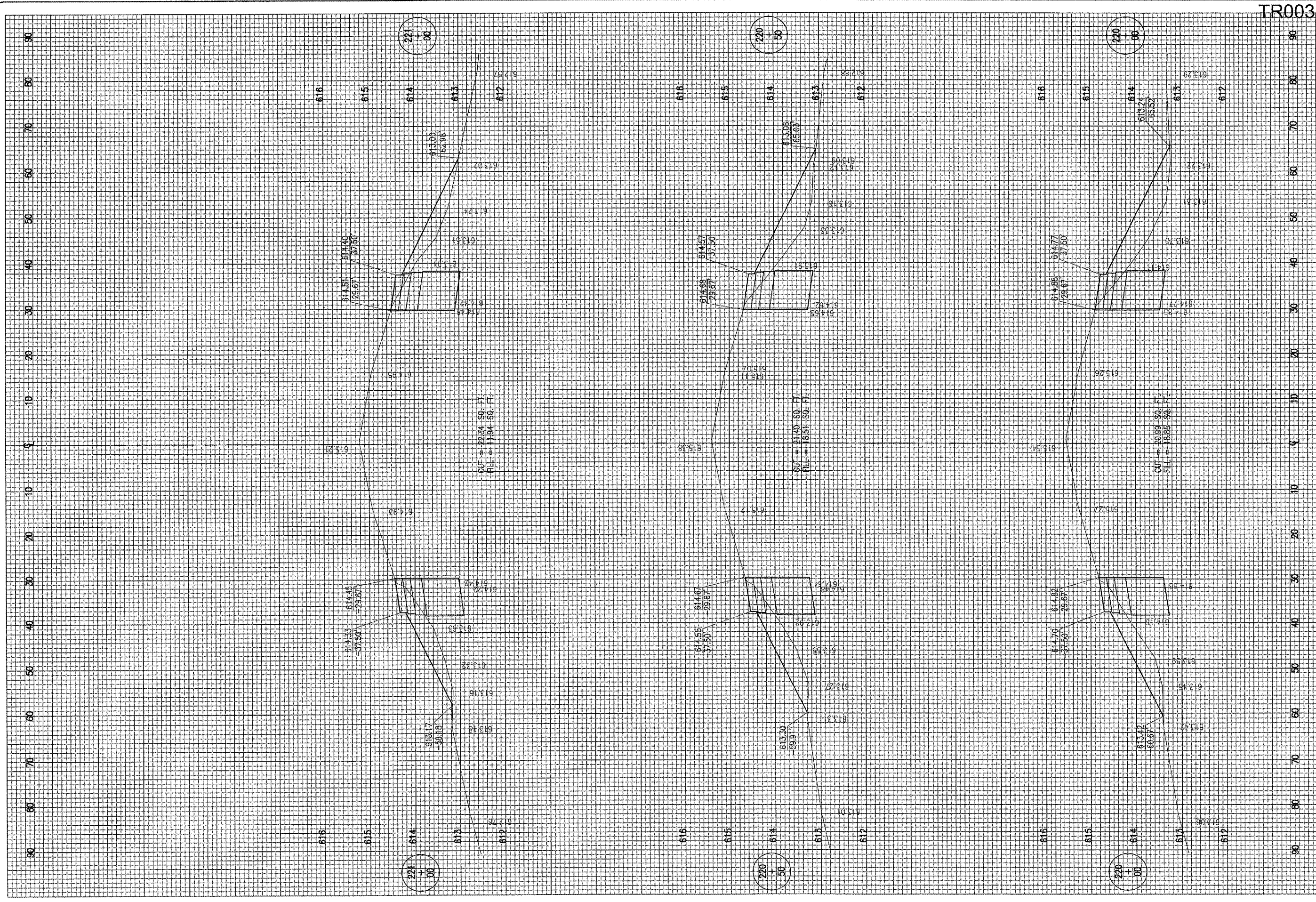
PROPOSED WIDENING
 OF RUNWAY 13/31

PROPOSED CROSS-SECTIONS
 FOR RUNWAY 13/31 WIDENING
 STA. 217+00 TO STA. 218+00



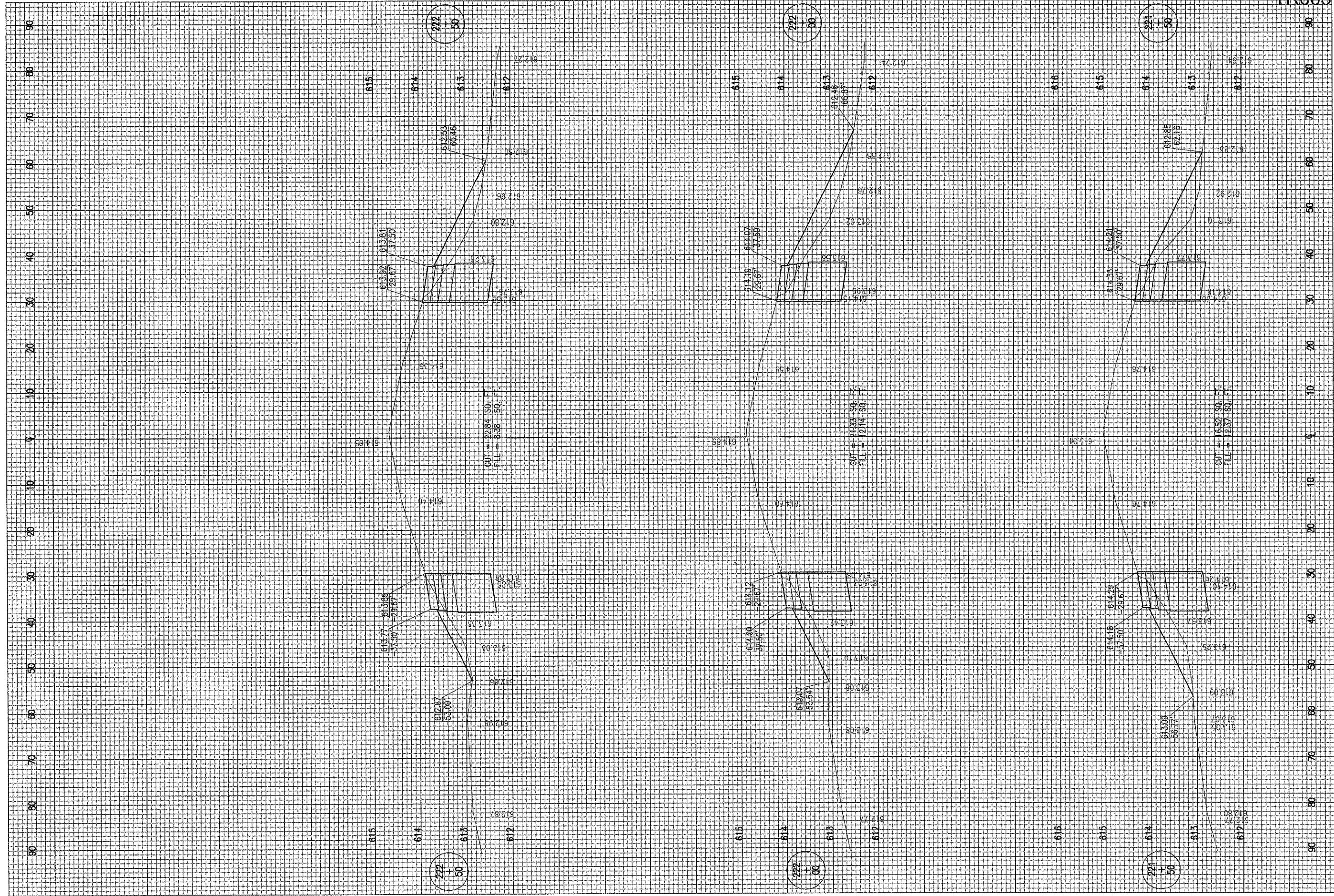
TR003

44	PROPOSED WIDENING OF RUNWAY 13/31 PROPOSED CROSS-SECTIONS FOR RUNWAY 13/31 WIDENING STA. 218+50 TO STA. 219+50	HANSON <small>Hanson Professional Services Inc. 1525 South Sixth Street Springfield, Illinois 62702-2886 Offices Nationwide</small>
I.E. Project No. 826-06RWYD 0800 Filename R=321XS.DWG Scale NOT TO SCALE Date 10/24/05		
DATE	REVISION	BY
TRI-TOWNSHIP AIRPORT SAVANNA, CARROLL COUNTY ILLINOIS IL PROJ.: SFY-3538 A.I.P. PROJ.: 3-17-0091-B12		



TR003

<p>PROPOSED WIDENING OF RUNWAY 13/31</p> <p>PROPOSED CROSS-SECTIONS FOR RUNWAY 13/31 WIDENING STA. 220+00 TO STA. 221+00</p>	<p>HANSON</p> <p>Hanson Professional Services Inc. 1525 South Sixth Street Springfield, Illinois 62705-2686 Chicago-Nationwide</p>	I.E.I. Project No. 826-08RWYD 0800- Revision R-322XS.DWG Scale NOT TO SCALE Date 10/24/05	LAYOUT B.A.K. 10/24/05 DRAWN B.A.K. 10/24/05 REVIEWED C.A.H. 01/12/06	TRI-TOWNSHIP AIRPORT SAVANNA, CARROLL COUNTY ILLINOIS	DATE REVISION BY
		IL PROJ. SFY-3538 A.I.P. PROJ. 3-17-0091-B12	45 45 of 51 sheets		



PROPOSED WIDENING
 OF RUNWAY 13/31

PROPOSED CROSS-SECTIONS
 FOR RUNWAY 13/31 WIDENING
 STA. 221+50 TO STA. 222+50



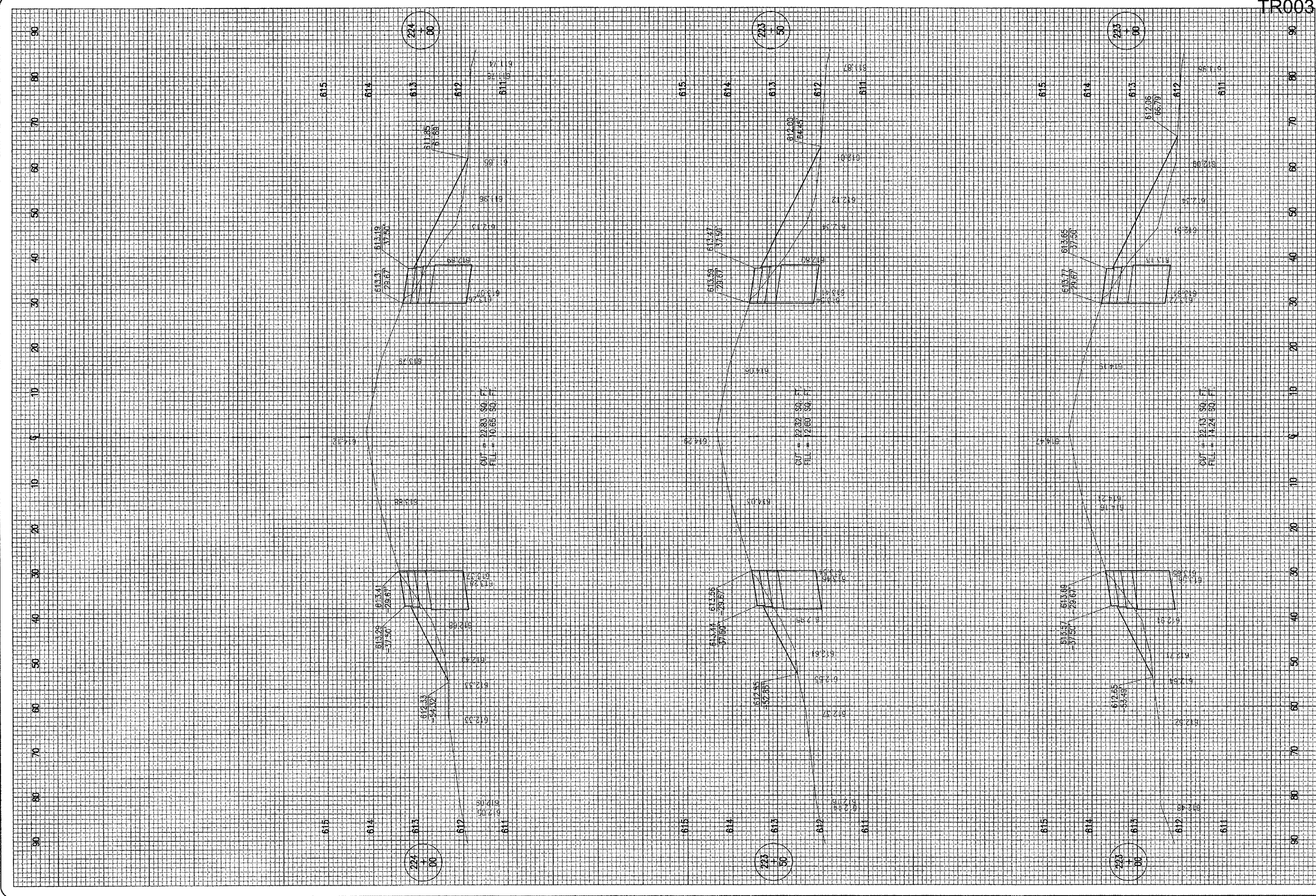
Hanson Professional Services Inc.
 1325 South State Street
 Springfield, IL 62761-2886
 Offices Nationwide

Project No.	B26-08RWAY 0800		
Drawings	R-323XS.DWG		
Scale	NOT TO SCALE		
Date	10/24/05		
LAYOUT	B.A.K.	10/24/05	
DRAWN	B.A.K.	10/24/05	
REVIEWED	C.A.H.	01/12/06	

TRI-TOWNSHIP AIRPORT
 SAVANNA, CARROLL COUNTY
 ILLINOIS

IL PROJ.: SFY-3538 A.I.P. PROJ.: 3-17-0091-812

DATE	REVISION	BY



TR003

DATE	REVISION	BY

TRI-TOWNSHIP AIRPORT
 SAVANNA, CARROLL COUNTY
 ILLINOIS

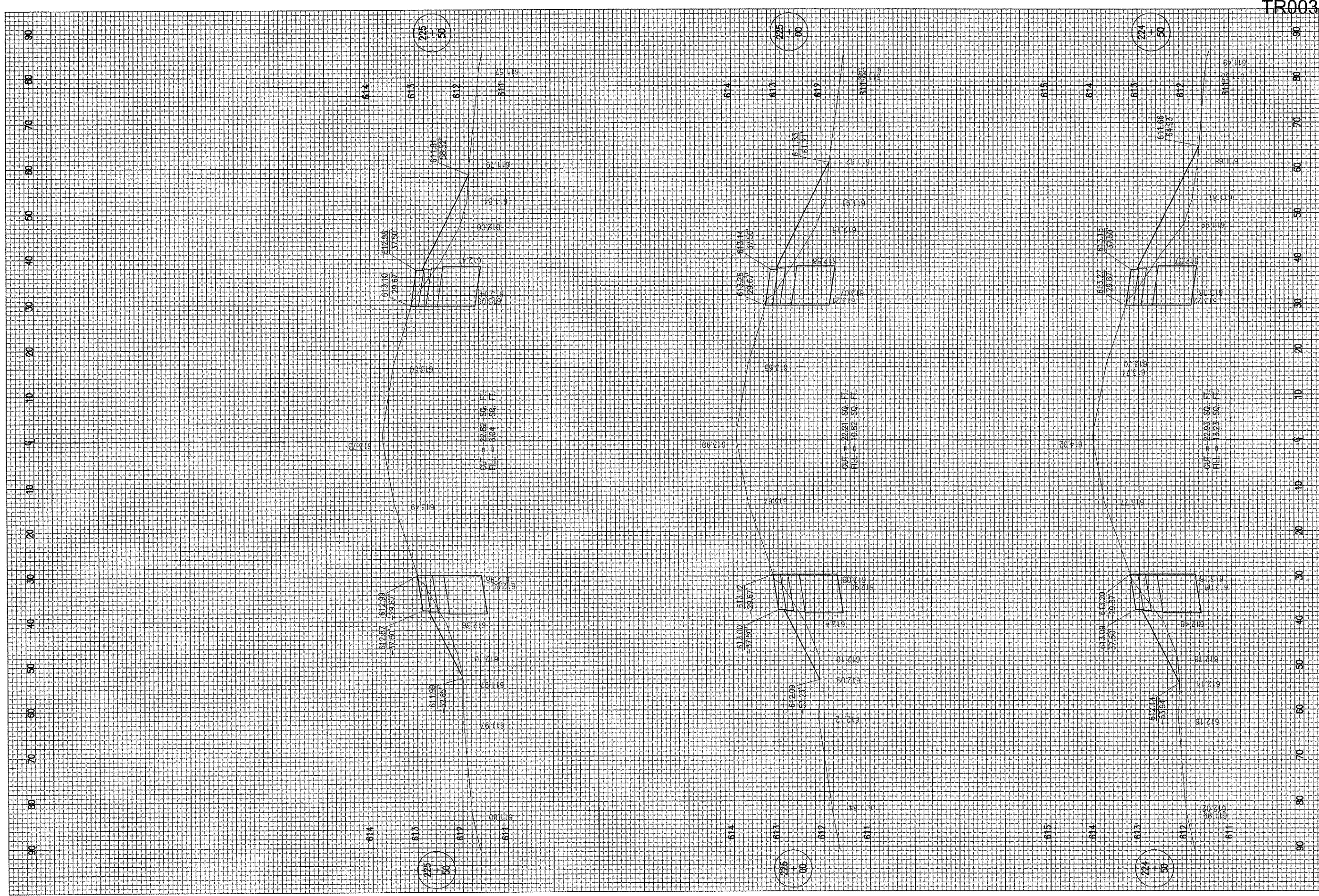
IL PROJ.: SFY-3538 A.I.P. PROJ.: 3-17-0091-B12

I.E. Project No. 826-06RWYD 0800 Filename R-324XS.DWG Scale NOT TO SCALE Date 10/24/05	LAYOUT B.A.K. 10/24/05 DRAWN B.A.K. 10/24/05 REVIEWED C.A.H. 01/12/06
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PROPOSED WIDENING
 OF RUNWAY 13/31

PROPOSED CROSS-SECTIONS
 FOR RUNWAY 13/31 WIDENING
 STA. 223+00 TO STA. 224+00



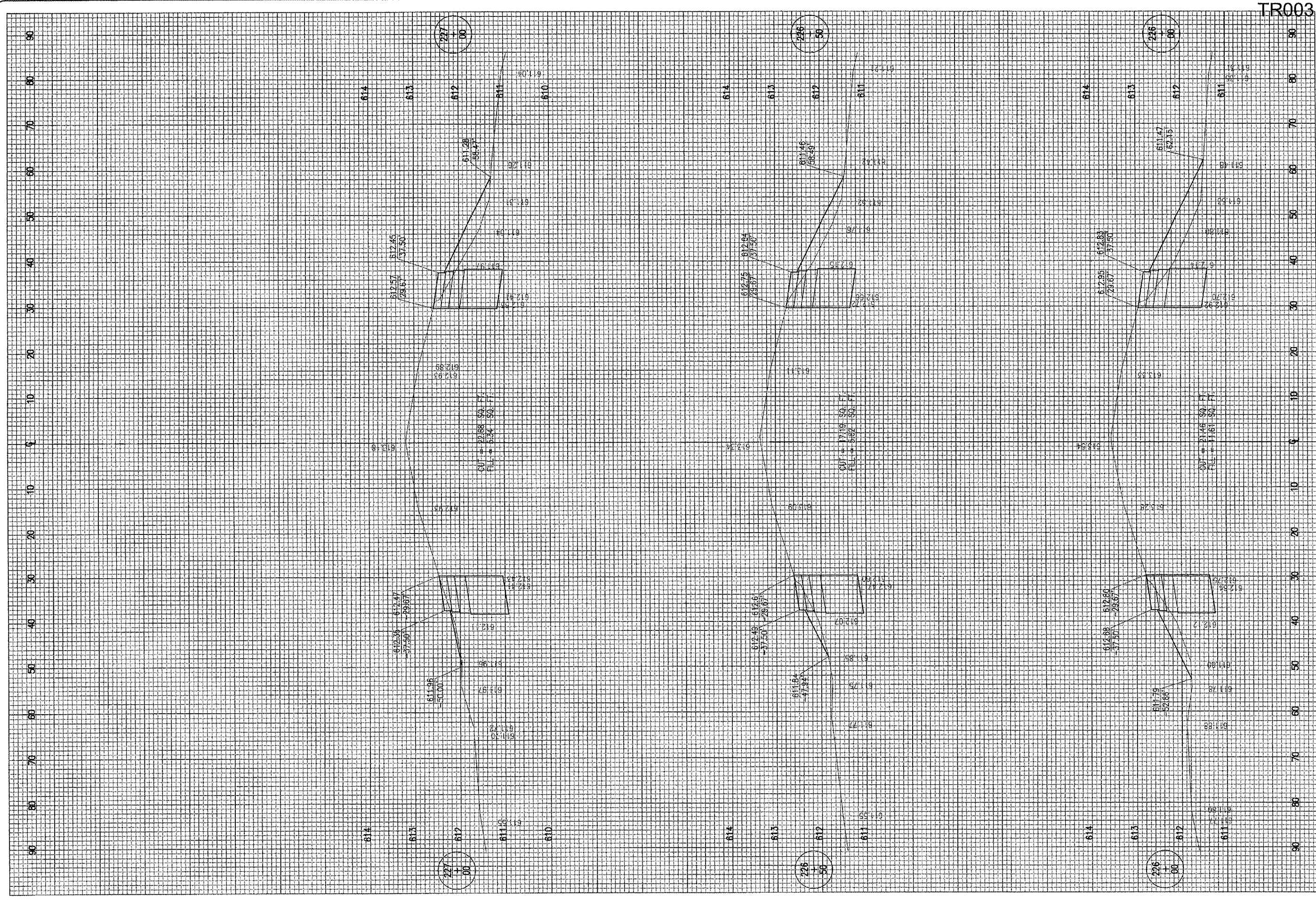
**PROPOSED WIDENING
 OF RUNWAY 13/31**
**PROPOSED CROSS-SECTIONS
 FOR RUNWAY 13/31 WIDENING
 STA. 224+50 TO STA. 225+50**



FILE Project No. 826-06RWYD 0900	LAYOUT	B.A.K.	10/24/05
File Name R-325XS.DWG	DRAWN	B.A.K.	10/24/05
Scale NOT TO SCALE	REVIEWED	C.A.H.	01/12/06
Date 10/24/05			

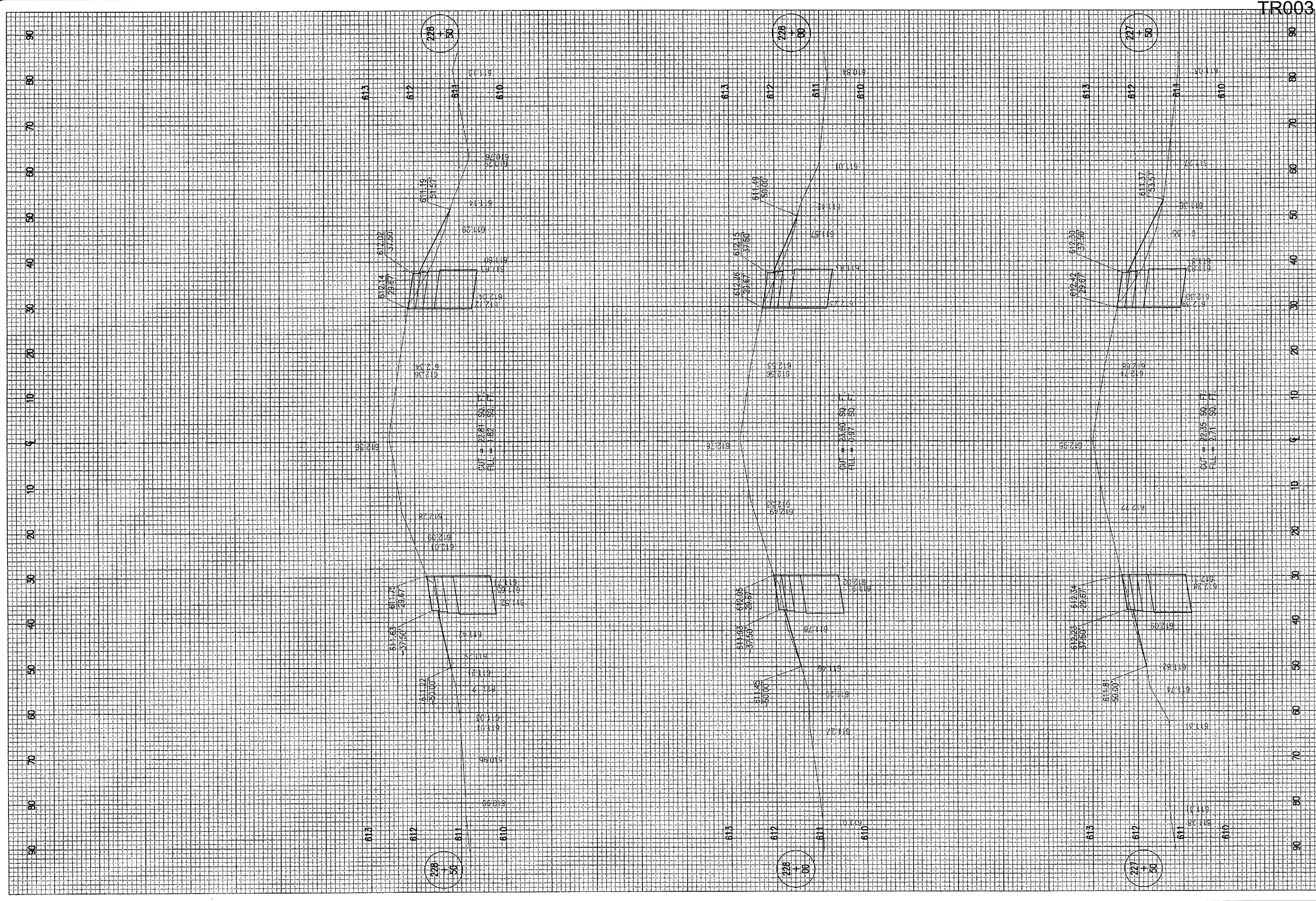
**TRI-TOWNSHIP AIRPORT
 SAVANNA, CARROLL COUNTY
 ILLINOIS**
 I.L. PROJ.: SFY-3538 A.I.P. PROJ.: 3-17-0091-812

DATE	REVISION	BY



TR003

PROPOSED WIDENING OF RUNWAY 13/31		PROPOSED CROSS-SECTIONS FOR RUNWAY 13/31 WIDENING STA. 226+00 TO STA. 227+00	
49		49	
49 of 51 sheets		49 of 51 sheets	
Hanson Professional Services Inc. 4525 South Sixth Street Springfield, Illinois 62703-2686 Chicago Nationwide		I/E Project No. 826-06RWD 0800 Filename R-326XS.DWG Scale NOT TO SCALE Date 10/24/05	
LAYOUT B.A.K. 10/24/05 DRAWN B.A.K. 10/24/05 REVIEWED C.A.H. 01/12/06		TRI-TOWNSHIP AIRPORT SAVANNA, CARROLL COUNTY ILLINOIS	
IL PROJ.: SPY-3538		A.I.P. PROJ.: 3-17-0091-B12	
DATE		REVISION	
BY		BY	



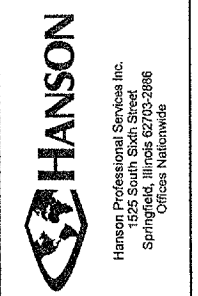
TR003

DATE	REVISION	BY

TRI-TOWNSHIP AIRPORT
 SAVANNA, CARROLL COUNTY
 ILLINOIS

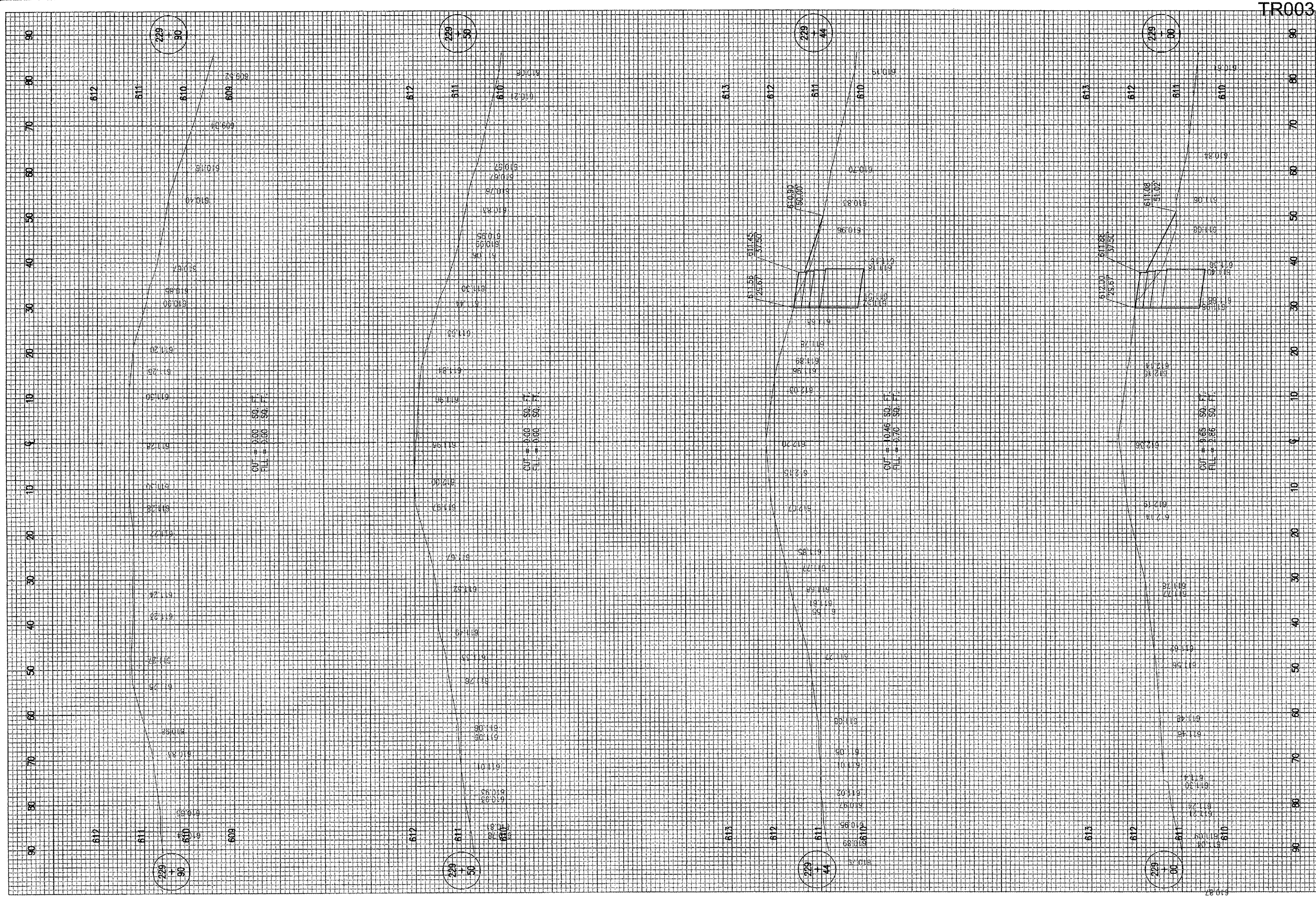
IL PROJ. SFY-3538 A.I.P. PROJ. 3-17-0091-812

IL Project No. 826-06RWYD 0800	
Filename R-327XS.DWG	
Scale NOT TO SCALE	
Date 10/24/05	
LAYOUT B.A.K. 10/24/05	
DRAWN B.A.K. 10/24/05	
REVIEWED C.A.H. 01/12/06	



PROPOSED WIDENING
 OF RUNWAY 13/31

PROPOSED CROSS-SECTIONS
 FOR RUNWAY 13/31 WIDENING
 STA. 227+50 TO STA. 228+50



TR003

DATE	REVISION	BY

TRI-TOWNSHIP AIRPORT
 SAVANNA, CARROLL COUNTY
 ILLINOIS

IL PROJ.: SFY-3538 A.I.P. PROJ.: 3-17-0061-812

HEL Project No. 826-06RWTD 0800	
Elevation R-32BXS.DWG	
Scale NOT TO SCALE	
Date 10/24/05	
LAYOUT B.A.K. 10/24/05	
DRAWN B.A.K. 10/24/05	
REVIEWED C.A.H. 01/12/06	



PROPOSED WIDENING
 OF RUNWAY 13/31

PROPOSED CROSS-SECTIONS
 FOR RUNWAY 13/31 WIDENING
 STA. 229+00 TO STA. 229+90