

CONSTRUCTION PLANS

FOR

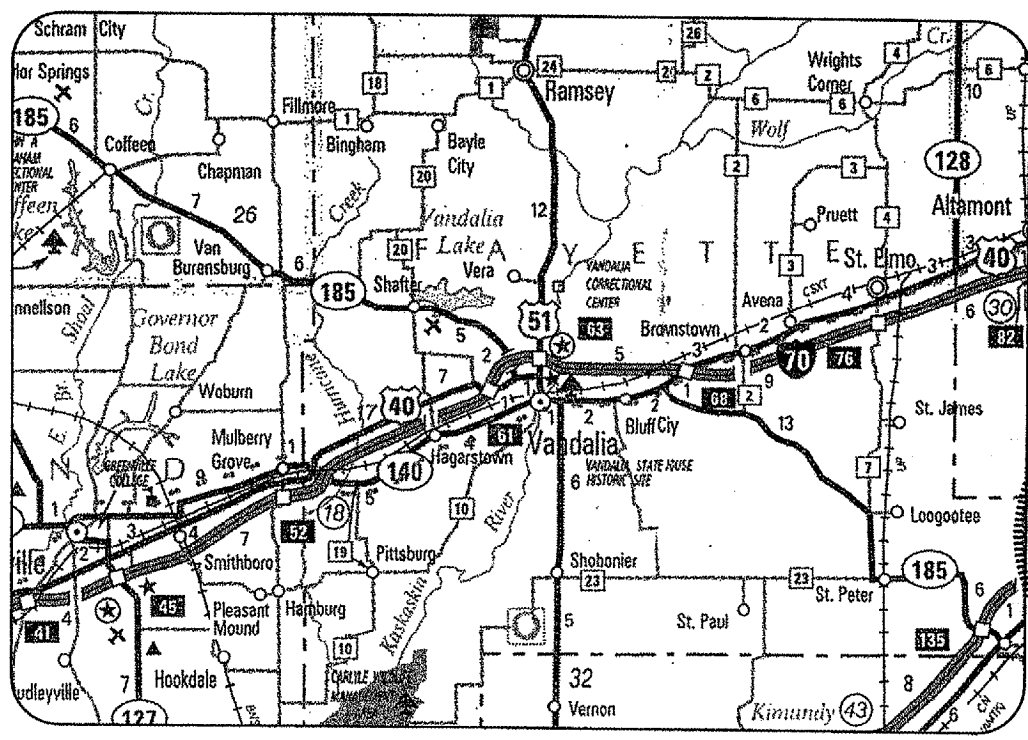
VANDALIA MUNICIPAL AIRPORT

VANDALIA, FAYETTE COUNTY, ILLINOIS

APRON AND TAXIWAY A, B, & C REHABILITATION

SCOPE OF WORK

THIS PROJECT CONSISTS OF REHABILITATING THE G.A. APRON AND TAXIWAYS "A", "B" AND "C". ASSOCIATED WORK INCLUDES MILLING, CRACK CLEANING AND SEALING, BITUMINOUS PAVING, MARKING, TIE DOWN REMOVAL AND REPLACEMENT, EARTH SHOULDER ADJUSTMENT, SEEDING AND MULCHING.



LOCATION

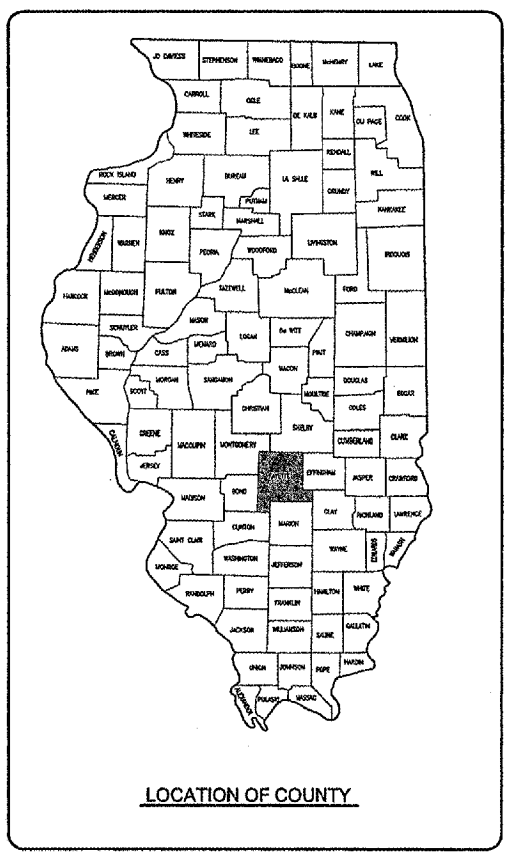
ILL. PROJ.: VLA-3432
 A.I.P. PROJ.: 3-17-0102-B8
 LATITUDE: 38° 59' 32"
 LONGITUDE: 89° 09' 54"
 ELEVATION: 538' M.S.L.
 DATE: MAY 20, 2005



REvised 7/14/05

HANSON
 Hanson Professional Services Inc.
 Submitted by: *Charles A. Hagloch* ENG'R
 Date Submitted: *July 14, 2005*
 Lics. Exp. Date: *NOV. 30, 2005*

VANDALIA PARK DISTRICT
 Approved: *MPC A. Guller* CHAIRMAN
 Date: _____
 Approved: *Mary Ann Pyle* SECRETARY
 Date: _____



REVISION	DATE	BY

VANDALIA MUNICIPAL AIRPORT
 VANDALIA, ILLINOIS
 ILL. PROJ.: VLA-3432
 A.I.P. PROJ.: 3-17-0102-B8

ILL. Project No. 330-05APND-0800	03/24/05
Revision R-001CVR.DWG	03/24/05
Scale NOT TO SCALE	03/24/05
Date 03/24/05	05/09/05
LAYOUT BNG	03/24/05
DRAWN BAK	03/24/05
REVIEWED CAH	05/09/05

HANSON
 Hanson Professional Services Inc.
 1825 South State Street
 Springfield, IL 62760-2888
 Offices Nationwide

APRON AND TAXIWAYS
 RECONSTRUCTION
 COVER SHEET

JUL 13 2005 9:32 AM BAK
I:\AIRPORTS\VANDALIA\830-05APND\AIRPORT\SHEETS\R-001CVR.DWG - COVER

DATE	REVISION	BY

SUMMARY OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITIES	AS BUILT QUANTITIES
AR125941	ADJUST STAKE MOUNTED LIGHT	EA.	17	
AR150510	ENGINEER'S FIELD OFFICE	L.S.	1	
AR162504	CLASS E FENCE 4'	L.F.	62	
AR162900	REMOVE CLASS E FENCE	L.F.	62	
AR201660	BITUMINOUS CRACK REPAIR	L.F.	1,700	
AR201661	CLEAN & SEAL BITUMINOUS CRACKS	L.F.	3,000	
AR401610	BITUMINOUS SURFACE COURSE	TON	1,773	
AR401620	BIT. SURFACE COURSE, LEVELING	TON	1,411	
AR401650	BITUMINOUS PAVEMENT MILLING	S.Y.	1,500	
AR401655	BUTT JOINT CONSTRUCTION	S.Y.	1,039	
AR401910	REMOVE & REPLACE BIT. PAVEMENT	S.Y.	14	
AR402622	POROUS FRICTION COURSE, 0.10'	S.Y.	14,619	
AR510510	TIE DOWN	EA.	45	
AR510900	REMOVE TIE DOWN	EA.	45	
AR603510	BITUMINOUS TACK COAT	GAL.	11,806	
AR620520	PAVEMENT MARKING - WATERBORNE	S.F.	3,651	
AR625510	TAR EMULSION SEAL COAT	S.Y.	2,606	
AR751940	ADJUST INLET	EA.	1	
AR751941	ADJUST INLET	EA.	1	
AR751952	ADJUST SPECIAL STRUCTURE	EA.	1	
AR901510	SEEDING	ACRE	0.90	
AR905520	TOPSOILING (FROM OFF-SITE)	C.Y.	286	
AR908510	MULCHING	ACRE	0.90	

INDEX TO SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	SUMMARY OF QUANTITIES & INDEX TO SHEETS
3	PROPOSED SAFETY PLAN
4	PROPOSED APRON PAVEMENT PREPARATION PLAN
5	PROPOSED TAXIWAY "A" PAVEMENT PREPARATION PLAN
6	PROPOSED TAXIWAY "B" & TAXIWAY "C" PAVEMENT PREPARATION PLAN
7	PROPOSED APRON CONSTRUCTION PLAN
8	PROPOSED TAXIWAY "A" CONSTRUCTION PLAN
9	PROPOSED TAXIWAY "B" & TAXIWAY "C" CONSTRUCTION PLAN
10	PROPOSED APRON STAKING PLAN
11	PROPOSED TAXIWAY "A" STAKING PLAN
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13	PROPOSED APRON MARKING PLAN
14	PROPOSED TAXIWAY "A" MARKING PLAN
15	PROPOSED TAXIWAY "B" & TAXIWAY "C" MARKING PLAN
16	PROPOSED CROSS-SECTIONS FOR APRON STA. 0+00 TO STA. 0+25
17	PROPOSED CROSS-SECTIONS FOR APRON STA. 0+50 TO STA. 0+75
18	PROPOSED CROSS-SECTIONS FOR APRON STA. 1+00 TO STA. 1+25
19	PROPOSED CROSS-SECTIONS FOR APRON STA. 1+50 TO STA. 1+75
20	PROPOSED CROSS-SECTIONS FOR APRON STA. 2+00 TO STA. 2+25
21	PROPOSED CROSS-SECTIONS FOR APRON STA. 2+50
22	PROPOSED CROSS-SECTIONS FOR APRON STA. 2+75 TO STA. 3+25
23	PROPOSED CROSS-SECTIONS FOR APRON STA. 3+50 TO STA. 3+75
24	PROPOSED CROSS-SECTIONS FOR APRON STA. 4+00 TO STA. 4+25
25	PROPOSED CROSS-SECTIONS FOR APRON STA. 4+50 TO STA. 4+75
26	PROPOSED CROSS-SECTIONS FOR APRON STA. 5+00 TO STA. 5+25
27	PROPOSED CROSS-SECTIONS FOR APRON STA. 5+50 TO STA. 5+63
28	PROPOSED CROSS-SECTIONS FOR TAXIWAY "A" STA. 0+00 TO STA. 0+50
29	PROPOSED CROSS-SECTIONS FOR TAXIWAY "A" STA. 0+75 TO STA. 1+50
30	PROPOSED CROSS-SECTIONS FOR TAXIWAY "A" STA. 1+75 TO STA. 2+50
31	PROPOSED CROSS-SECTIONS FOR TAXIWAY "A" STA. 2+75 TO STA. 3+25
32	PROPOSED CROSS-SECTIONS FOR TAXIWAY "A" STA. 3+50 TO STA. 4+00
33	PROPOSED CROSS-SECTIONS FOR TAXIWAY "A" STA. 4+25 TO STA. 4+75
34	PROPOSED CROSS-SECTIONS FOR TAXIWAY "A" STA. 5+00 TO STA. 6+00
35	PROPOSED CROSS-SECTIONS FOR TAXIWAY "A" STA. 6+25 TO STA. 7+18
36	PROPOSED CROSS-SECTIONS FOR TAXIWAY "B" STA. 0+00 TO STA. 0+75
37	PROPOSED CROSS-SECTIONS FOR TAXIWAY "B" STA. 1+00 TO STA. 2+01
38	PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 0+00 TO STA. 0+75
39	PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 1+00 TO STA. 1+25
40	PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 1+50 TO STA. 1+75
41	PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 2+00 TO STA. 2+42.45

VANDALIA MUNICIPAL AIRPORT
VANDALIA, ILLINOIS

IL PROJ.: VA-3432 A.I.P. PROJ.: 3-17-0102-B8

HEI Project No. 830-05APND-0800	Revision R-002ELP.DWG	Scale NOT TO SCALE	Date 03/24/05
LAYOUT	BKB	03/24/05	
DRAWN	BAK	03/24/05	
REVIEWED	CAH	05/09/05	



Hanson Professional Services Inc.
1625 South Sixth Street
Springfield, Illinois 62705-2886
Offices Nationwide

APRON AND TAXIWAYS
RECONSTRUCTION
SUMMARY OF QUANTITIES
&
INDEX TO SHEETS

SCOPE OF WORK

THIS PROJECT CONSISTS OF REHABILITATING THE G.A. APRON AND TAXIWAYS "A", "B" AND "C". ASSOCIATED WORK INCLUDES MILLING, CRACK CLEANING AND SEALING, BITUMINOUS PAVING, MARKING, TIE DOWN REMOVAL AND REPLACEMENT, EARTH SHOULDER ADJUSTMENT, SEEDING AND MULCHING.

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 DUMP TRUCK.

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 APPROXIMATELY 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.

THE CONTRACTOR SHALL KEEP ONE RUNWAY OPEN AT ALL TIMES AND MAINTAIN CONTINUOUS TAXIWAY ACCESS TO ALL HANGARS AND ADMINISTRATIVE AREAS.

ALL WORK PERFORMED SHALL BE DONE IN A ORDERLY AND EFFECTIVE MANNER TO MINIMIZE RUNWAY CLOSURE.

NO TRENCHES OR HOLES WILL REMAIN OPEN OVERNIGHT.

IN ORDER TO MAINTAIN AIRPORT OPERATIONS, THE CONTRACTOR WILL BE REQUIRED TO CONSTRUCT THIS PROJECT IN TWO STAGES. SEE SPECIAL PROVISIONS FOR STAGING OPERATIONS.

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.

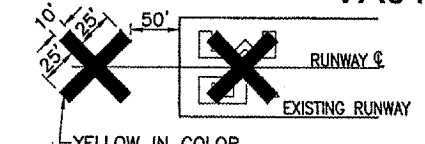
LEGEND

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

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	NGS BRASS DISK "A 257 1961"	530.73
2	"CB-4" CHSLD "□" NE COR DROP INLET	530.79
3	VANPORT NGS STEEL ROD	532.18



DETAIL OF CROSS FOR CLOSED RUNWAY
"NOT TO SCALE"

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: FAYETTE
CITY: VANDALIA
TOWNSHIP: BEAR GROVE
SECTION NO.: 2
ADDRESS: VANDALIA MUNICIPAL AIRPORT
R.R. #3
VANDALIA, ILLINOIS 62471

PROPOSED SAFETY PLAN

GENERAL - THE VANDALIA MUNICIPAL AIRPORT IS COMPRISED OF TWO RUNWAYS. THE PROPOSED CONSTRUCTION WILL NECESSITATE CLOSING BOTH RUNWAYS AT DIFFERENT TIMES AND STAGES OF CONSTRUCTION. ANY TIME THE CONTRACTOR IS WORKING WITHIN 200' OF THE RUNWAY CENTERLINE THE RUNWAY WILL BE CLOSED. ALL WORK INCLUDED IN OPENING AND CLOSING THE RUNWAY WILL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

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 (122.80 MHz.) WITH THE AIRPORT UNICOM. THIS WILL KEEP THE CONTRACTOR IN CONSTANT CONTACT WITH THE VANDALIA MUNICIPAL 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.

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.

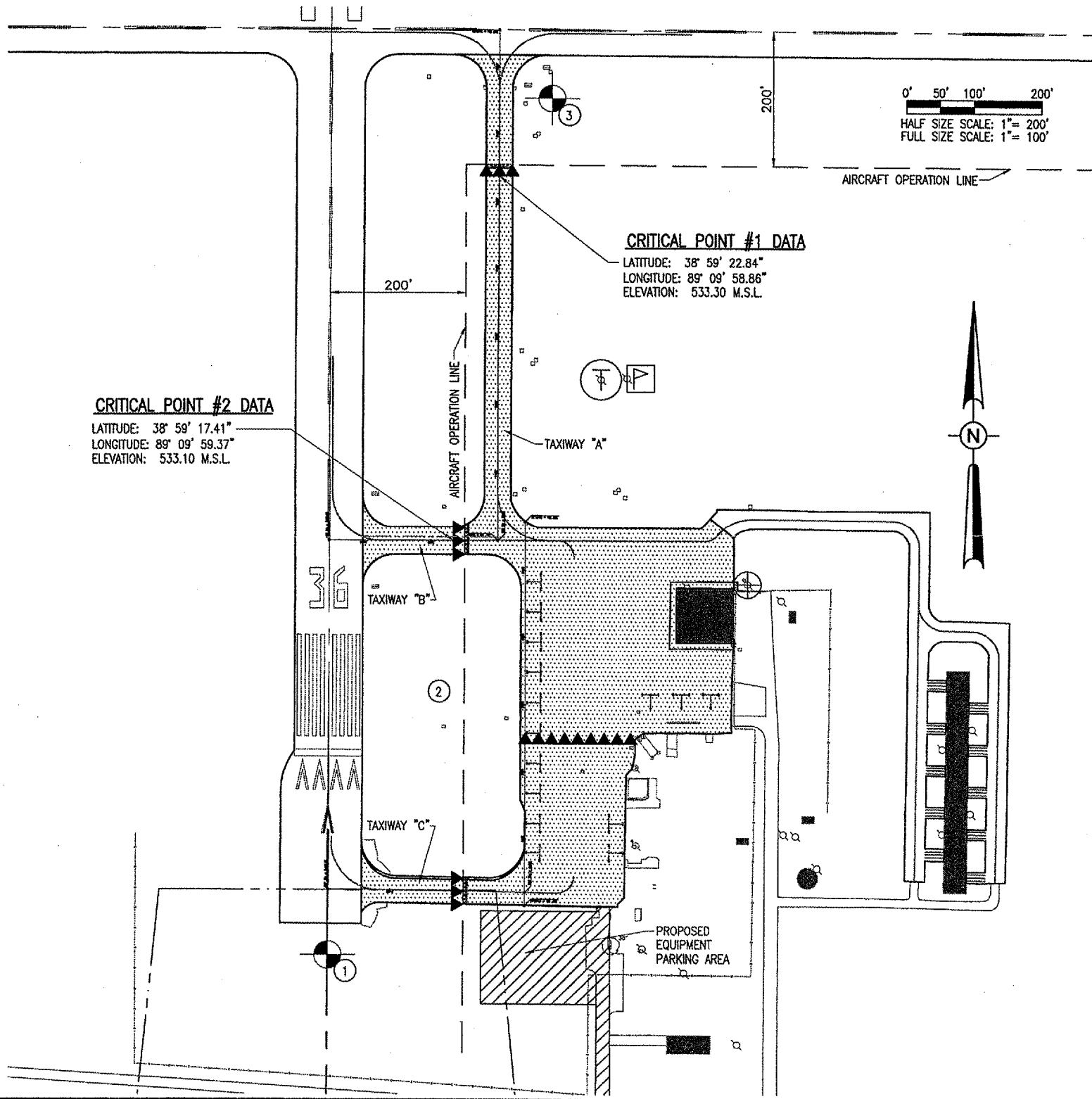
THE PROPOSED ENGINEER'S FIELD OFFICE WILL BE PAID FOR UNDER ITEMS: AR150510 ENGINEER'S FIELD OFFICE 1 L.S.

EROSION CONTROL

THIS PROJECT WILL DISTURB LESS THAN 1 ACRE OF LAND, THEREFORE NO N.P.D.E.S. PERMIT WILL BE REQUIRED.

AIRCRAFT OPERATION LINE

THE CONTRACTOR WILL LOCATE THIS LINE AT THE START OF CONSTRUCTION AND WILL PLACE FLAGGED LATHE ALONG IT ADJACENT TO THE PROPOSED IMPROVEMENT AREA. THIS LINE WILL BE THE LIMITS THAT ALL CONTRACTOR PERSONNEL MAY VENTURE WHEN A RUNWAY IS NOT CLOSED. THE CONTRACTOR WILL MAINTAIN THE LATHE LINE FOR RUNWAYS.



CRITICAL POINT #1 DATA
LATITUDE: 38° 59' 22.84"
LONGITUDE: 89° 09' 58.86"
ELEVATION: 533.30 M.S.L.

CRITICAL POINT #2 DATA
LATITUDE: 38° 59' 17.41"
LONGITUDE: 89° 09' 59.37"
ELEVATION: 533.10 M.S.L.

VA017

DATE	REVISION	BY

VANDALIA MUNICIPAL AIRPORT
VANDALIA, ILLINOIS
A.I.P. PROJ.: 3-17-0102-BB
IL PROJ.: VLA-3432

HE Project No.	Revision	Date	BY
830-05APND-0800	R-003SEY.DWG	03/15/05	BKB
Scale	1" = 100'	03/15/05	BAK
Date	03/15/05	05/09/05	CAH



APRON AND TAXIWAYS RECONSTRUCTION
PROPOSED SAFETY PLAN

JUL 13, 2005 9:33 AM BAK
F:\AIRPORTS\VANDALIA\830-05APND\AIRPORT SHEETS\AP-003SEY.DWG - SAFETY

CLEANING AND SEALING BITUMINOUS CRACKS

THE PAVEMENT CONDITIONS AND CRACKS WERE IDENTIFIED DURING A SURVEY (MARCH 2005) OF THE EXISTING APRON AREA. THE EXACT AMOUNT OF CRACKS TO BE CLEANED AND SEALED WILL BE THE NUMBER OF LINEAR FEET OF CRACKS MARKED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

ALL CRACKS DESIGNATED BY THE RESIDENT ENGINEER FOR CLEANING AND SEALING WILL BE DONE SO AS STATED IN THE SPECIAL PROVISIONS.

THE PROPOSED PAVEMENT MILLING WILL BE ACCOMPLISHED BEFORE THE CRACKS ARE CLEANED AND SEALED. THE RESIDENT ENGINEER WILL DETERMINE IF THE CRACKS LOCATED IN A MILLED AREA ARE LARGE ENOUGH TO WARRANT CLEANING AND SEALING.

ALL CLEANING AND SEALING OF BITUMINOUS CRACKS SHALL BE PAID FOR UNDER ITEM:
AR201661 "CLEAN & SEAL BITUMINOUS CRACKS" _____ 3,000 L.F.

FENCE REMOVAL NOTES

THE EXISTING FENCE TO BE REMOVED IS SHOWN ON THIS SHEET. THE CONTRACTOR WILL REMOVE THE FABRIC, POSTS, ETC. AND DISPOSE OF ALL MATERIAL OFF THE AIRPORT SITE.

THE CONTRACTOR WILL FILL ALL HOLES (MADE FROM THE REMOVAL OF THE FENCE) WITH BITUMINOUS MATERIAL PRIOR TO THE POROUS FRICTION COURSE AND BITUMINOUS SURFACE COURSE BEING LAYED.

ALL TURFED AREAS DISTURBED BY THE PROPOSED FENCE REMOVAL WILL BE LIMED, FERTILIZED, AND SEEDED IN ACCORDANCE WITH ITEM 901 "SEEDING". THIS WORK WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE PROPOSED FENCE REMOVAL AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE PROPOSED FENCE REMOVAL WILL BE PAID FOR UNDER ITEM:
AR162900 "REMOVE CLASS E FENCE" _____ 62 LIN. FT.

BITUMINOUS PAVEMENT MILLING

THE AREA DESIGNATED AS [Hatched Pattern] ON THIS SHEET WILL BE CUT OR TRIMMED AS SHOWN ON THE CROSS-SECTIONS. THE CUTTING OR TRIMMING WILL BE DONE BY ROTO-MILLING. THE TOLERANCE OF THE MILLING WILL BE AS STATED IN THE STANDARD SPECIFICATIONS.

THE EXISTING PAVEMENT WILL BE SAWED AROUND THE EXISTING FLUME DRAINS. SAWING WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE PROPOSED PAVEMENT MILLING AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

ALL MILLED MATERIAL WILL BE DISPOSED OF OFF THE AIRPORT SITE.

PRIOR TO APPLYING THE BITUMINOUS OVERLAY ALL MILLED MATERIAL WILL BE BROOMED AND BLOWN CLEAN AND A BITUMINOUS TACK COAT APPLIED. THE VERTICAL FACE OF ALL SAW CUTS WILL BE PAINTED WITH A LIQUID ASPHALT.

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

ALL BITUMINOUS PAVEMENT MILLING AREAS WILL BE LOCATED AND MARKED BY THE RESIDENT ENGINEER.

THE BITUMINOUS PAVEMENT MILLING WILL BE PAID FOR UNDER ITEM:
AR401650 "BITUMINOUS PAVEMENT MILLING" _____ 1,500 SQ. YDS.

WATER WELL ADJUSTMENT NOTES

THE CONTRACTOR WILL SIZE THE PROPOSED NEENAH (OR EQUAL) METAL ADJUSTING RINGS TO MATCH THE DIAMETER OF THE EXISTING FRAME AND THE PROPOSED ELEVATION. MORE THAN ONE RING MAY BE REQUIRED.

THE CONTRACTOR WILL REMOVE THE EXISTING LID FROM THE WATER WELL AND PLACE THE RINGS TO MATCH THE PROPOSED TOP ELEVATION.

THE EXISTING LID WILL BE RE-USED ON THE ADJUSTED STRUCTURE.

THE PROPOSED WATER WELL ADJUSTMENT WILL BE PAID FOR UNDER:
ITEM AR751952 "ADJUST SPECIAL STRUCTURE" _____ PER EACH

BITUMINOUS CRACK REPAIR

THE LENGTH AND NUMBER OF CRACKS TO BE REPAIRED WILL BE DESIGNATED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

THE CRACKS SHALL BE CUT OPEN USING AN "EARTH SAW" OR "VERMEER TRENCHER" AT A WIDTH OF 10" PLUS OR MINUS 1", AND A DEPTH OF 8".

THE EXCAVATED MATERIAL WILL BE DISPOSED OF OFF THE AIRPORT SITE BY THE CONTRACTOR.

THE REPAIR TRENCH WILL BE FILLED WITH BITUMINOUS SURFACE COURSE IN 3 LIFTS. THE FIRST TWO LIFTS 3-1/2 INCHES AND THE LAST LIFT 1-1/2 INCHES. THE BITUMINOUS MATERIAL FOR THE FIRST LIFTS WILL BE COMPACTED IN THE TRENCH BY A SHOE, ROLLER OR OTHER MEANS APPROVED BY THE RESIDENT ENGINEER PRIOR TO FILLING. THE LAST LIFT MAY BE COMPACTED BY CONVENTIONAL ROLLER AND TRIMMED TO THE EXISTING PAVEMENT SURFACE.

THE BITUMINOUS CRACK REPAIR WILL BE PAID FOR UNDER ITEM:
AR201660 "BITUMINOUS CRACK REPAIR" _____ 1,700 LIN. FT.

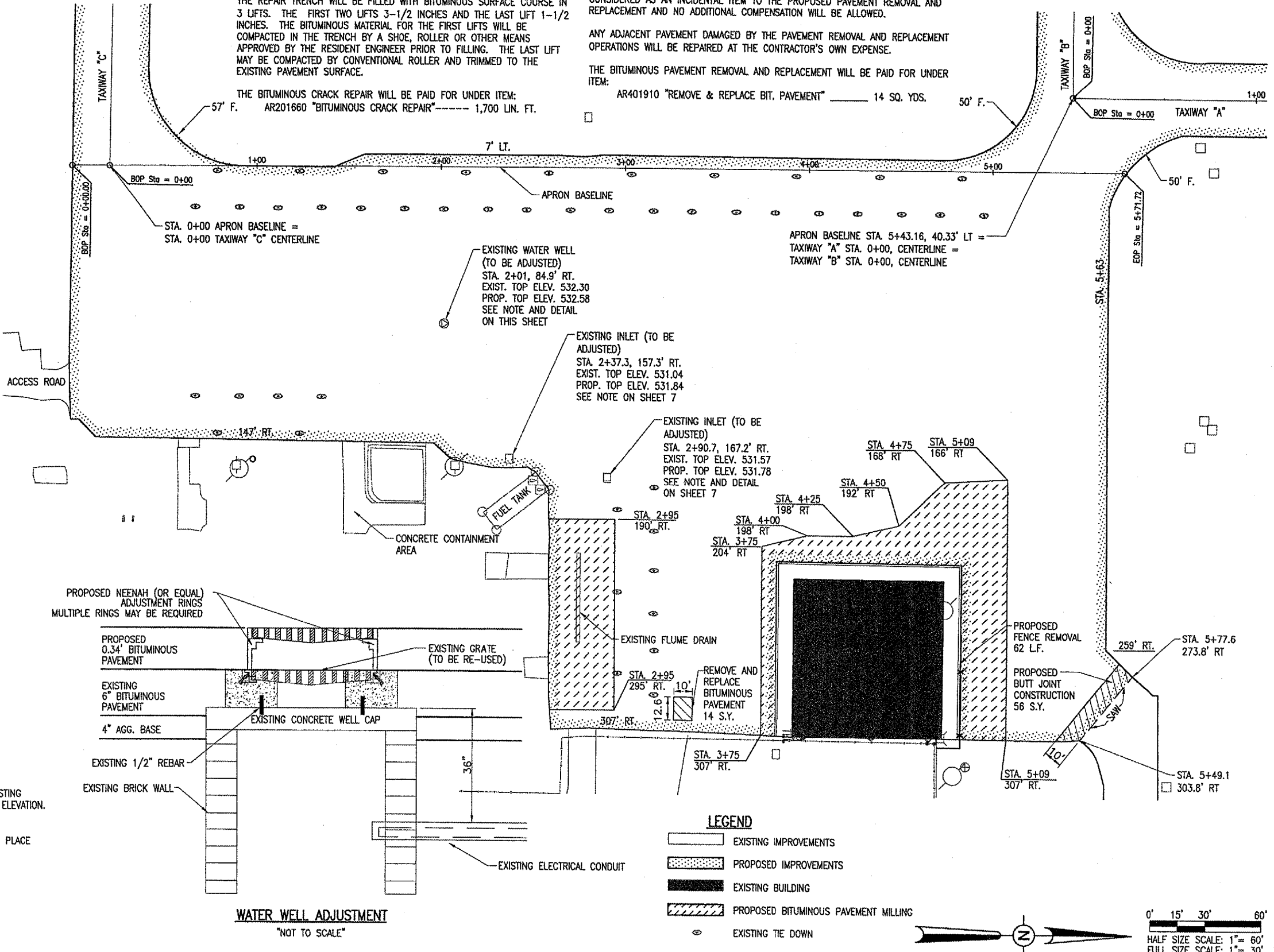
REMOVE AND REPLACE BITUMINOUS PAVEMENT NOTES

THE AREA DESIGNATED AS [Hatched Pattern] ON THIS SHEET WILL HAVE THE EXISTING BITUMINOUS PAVEMENT REMOVED (FULL DEPTH) AND REPLACED WITH BITUMINOUS MATERIAL TO THE EXISTING PAVEMENT ELEVATION. THE BITUMINOUS MATERIAL USED IN THE REPLACEMENT WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE PROPOSED REMOVAL AND REPLACEMENT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. ALL REMOVED MATERIAL WILL BE DISPOSED OF OFF THE AIRPORT SITE.

WHERE THE PROPOSED REMOVAL AND REPLACEMENT AREA ABUTS THE EXISTING PAVEMENT, THE PAVEMENT WILL BE SAWED FULL DEPTH. THE SAWING WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE PROPOSED PAVEMENT REMOVAL AND REPLACEMENT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

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

THE BITUMINOUS PAVEMENT REMOVAL AND REPLACEMENT WILL BE PAID FOR UNDER ITEM:
AR401910 "REMOVE & REPLACE BIT. PAVEMENT" _____ 14 SQ. YDS.



VA017

BY	
REVISION	
DATE	
VANDALIA MUNICIPAL AIRPORT VANDALIA, ILLINOIS	
A.I.P. PROJ.: 3-17-0102-88	

ILL. Project No. 830-05APND-0800	03/23/05
Revision R-111PRP.DWG	BKB
Scale 1"=30'	BAK
Date 03/23/05	CAH
LAYOUT	05/09/05
DRAWN	
REVIEWED	

Hanson Professional Services Inc.
1525 South State Street
Springfield, Illinois 62703-2888
Offices Nationwide

APRON AND TAXIWAYS RECONSTRUCTION
PROPOSED APRON PAVEMENT PREPARATION PLAN

JUL 13, 2005 9:41 AM BAK I:\AIRPORTS\VANDALIA\830-05APND\AIRPORT_SHEETS\R-111PRP.DWG - APRON

DATE	REVISION	BY

VANDALIA MUNICIPAL AIRPORT
VANDALIA, ILLINOIS

IL PROJ.: VA-3432 A.I.P. PROJ.: 3-17-0102-88

ISD Drawn No. 830-05APND-0800	
Filename: R-111PRP.DWG	
Scale: 1" = 30'	
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REVIEWED	CAH 05/09/05



APRON AND TAXIWAYS
RECONSTRUCTION

PROPOSED TAXIWAY "A"
PAVEMENT PREPARATION
PLAN

- LEGEND**
- EXISTING IMPROVEMENTS
 - PROPOSED IMPROVEMENTS
 - PROPOSED BUTT JOINT CONSTRUCTION
 - EXISTING TAXI GUIDANCE SIGN
 - EXISTING ELECTRICAL DUCT
 - EXISTING INLET
 - EXISTING UTILITY POLE

AR401655 BUTT JOINT CONSTRUCTION NOTES

THE PROPOSED BUTT JOINTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH ITEM AR401655 "BUTT JOINT CONSTRUCTION" AS STATED ON PAGE 295 OF THE SUPPLEMENTAL SPECIFICATION AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

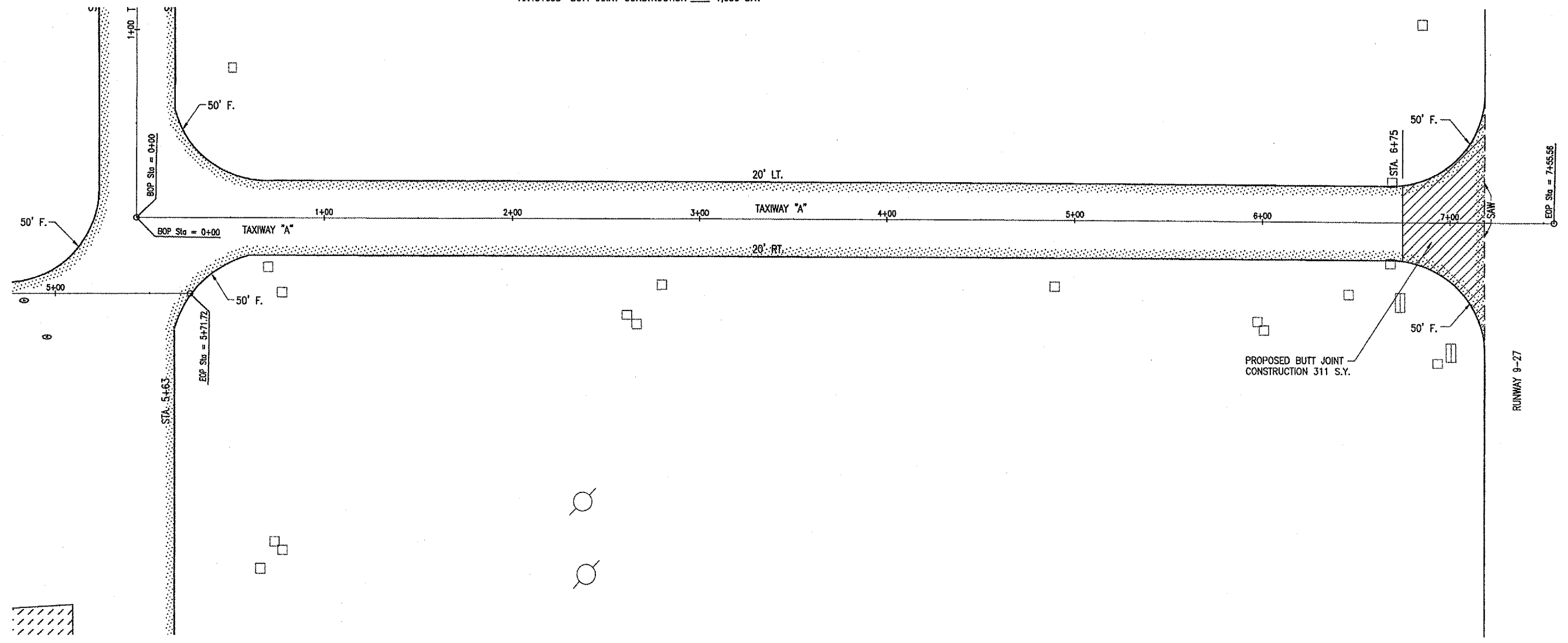
THIS ITEM SHALL CONSIST OF REMOVING THE EXISTING BITUMINOUS PAVEMENT SURFACE BY MILLING IN ORDER TO CONSTRUCT A BUTT JOINT FOR THE TRANSITION OF THE PROPOSED BITUMINOUS OVERLAY AT THE LOCATIONS AS SHOWN ON THE PLANS.

THE PAVEMENT SURFACE WILL THEN BE MILLED TO A DEPTH OF 0.17 FT. AT THE BUTT END AND WILL TAPER TO 0 IN. AT THE OPPOSITE END. THE PLANNER MUST BE CAPABLE OF MILLING THE SURFACE TO THE DESIRED ELEVATIONS AND GRADES.

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

ALL BITUMINOUS PAVEMENT MILLING AREAS WILL BE LOCATED AND MARKED BY THE RESIDENT ENGINEER.

THE PAVEMENT MILLING WILL BE PAID FOR UNDER ITEM:
AR401655 "BUTT JOINT CONSTRUCTION" 1,039 S.Y.



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DATE	REVISION	BY

VANDALIA MUNICIPAL AIRPORT
VANDALIA, ILLINOIS

IL. PROJ.: VJA-3432 A.I.P. PROJ.: 3-17-0102-B8

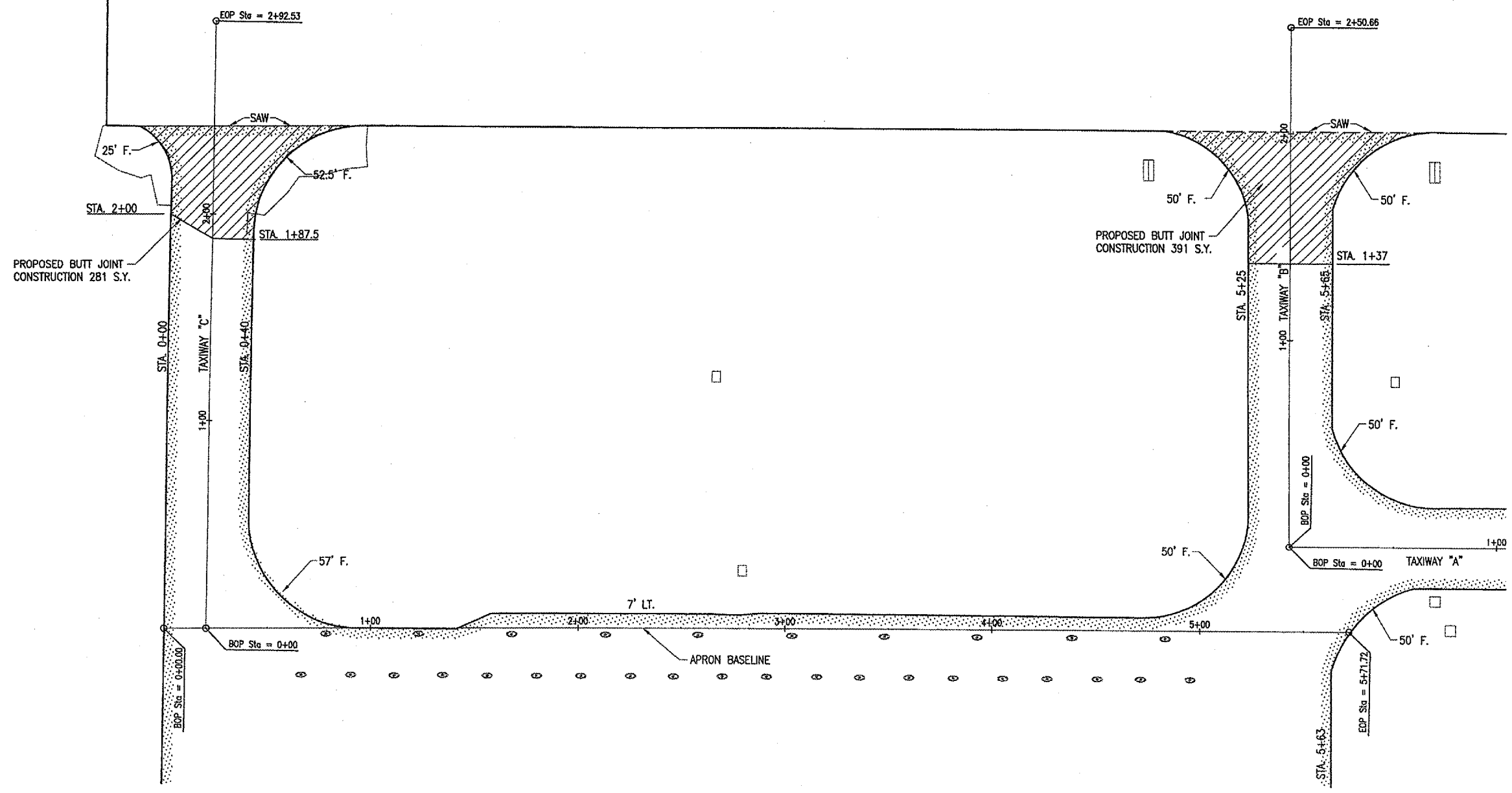
RE Project No.	830-05APND-0800
Drawn	R-111PRP.DWG
Scale	1" = 30'
Date	03/23/05
LAYOUT	BKB 03/23/05
DRAWN	BAK 03/23/05
REVIEWED	CAH 05/09/05

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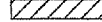



APRON AND TAXIWAYS
RECONSTRUCTION

PROPOSED
TAXIWAY "B" & TAXIWAY "C"
PAVEMENT PREPARATION PLAN

- LEGEND**
- EXISTING IMPROVEMENTS
 - PROPOSED IMPROVEMENTS
 - PROPOSED BUTT JOINT CONSTRUCTION
 - EXISTING TAXI GUIDANCE SIGN
 - EXISTING ELECTRICAL DUCT
 - EXISTING INLET



LEGEND

-  EXISTING IMPROVEMENTS
-  EXISTING BUILDING
-  PROPOSED PFC LIMITS
-  PROPOSED TAR EMULSION SEAL COAT
-  EXISTING STAKE MOUNTED LIGHT (TO BE ADJUSTED)
-  EXISTING STAKE MOUNTED LIGHT
-  EXISTING BASE MOUNTED LIGHT

LIGHT ADJUSTMENT

ALL EXISTING LIGHTS (TO BE ADJUSTED) ARE MEDIUM INTENSITY STAKE MOUNTED LIGHTS.

AFTER THE EARTH FILLETS HAVE BEEN PLACED, THE CONTRACTOR WILL ADJUST THE DESIGNATED LIGHTS TO THE FINISHED GRADE. THE ADJUSTED LIGHTS WILL BE LOCATED AND POSITIONED AS SHOWN ON THIS SHEET & SHEET 8 & 9.

THE CONTRACTOR WILL BE RESPONSIBLE FOR MARKING LOCATIONS OF THE EXISTING LIGHTS SO THE LIGHTS CAN BE REPLACED IN THEIR ORIGINAL POSITIONS.

WHILE ADJUSTING THE LIGHTS THE CONTRACTOR WILL NOT STRETCH THE ELECTRICAL CABLE. THE EXISTING CABLE WILL BE DUG UP A SUFFICIENT DISTANCE TO ALLOW FOR PROPER INSTALLATION OF THE ADJUSTED LIGHTS. NORMAL ONE (1) FOOT CABLE LOOPS WILL BE LEFT IN EACH CABLE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS.

THE LIGHT ADJUSTMENT WILL BE PAID FOR UNDER:
ITEM AR125941 "ADJUST STAKE MOUNTED LIGHT" -----17 EACH"

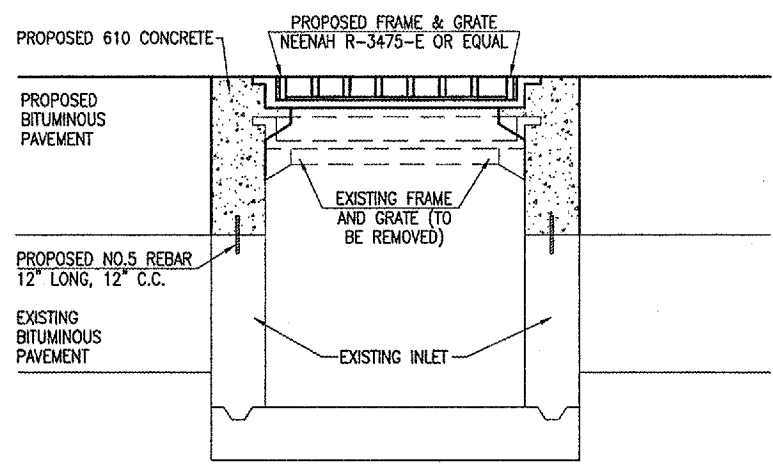
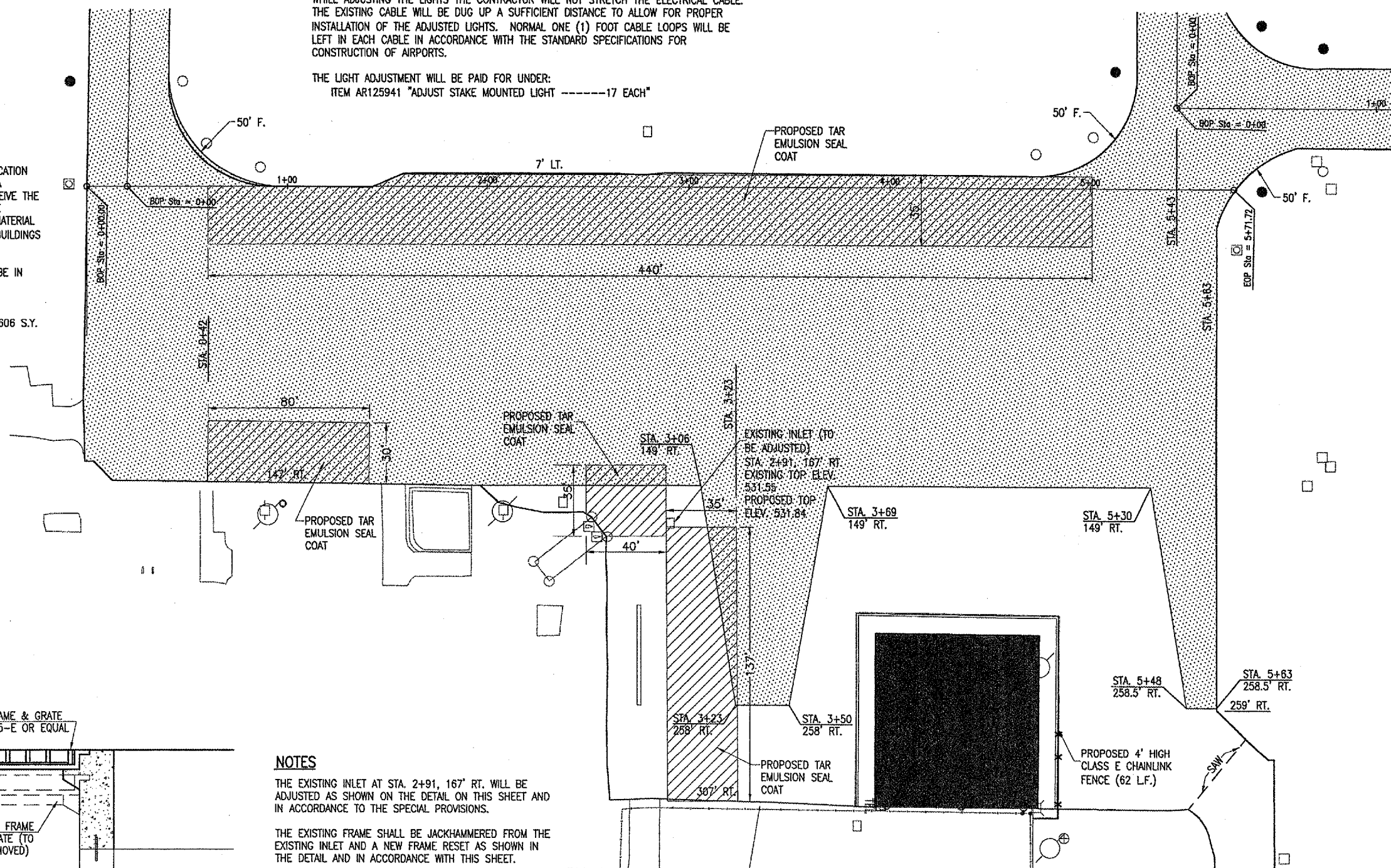
PAVING QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
AR401610	BITUMINOUS SURFACE COURSE	TON	1,773
AR401620	BIT. SURFACE COURSE, LEVELING	TON	1,411
AR402822	POROUS FRICTION COURSE, 0.10"	S.Y.	14,619
AR603510	BITUMINOUS TACK COAT	GAL.	11,806
AR625510	TAR EMULSION SEAL COAT	S.Y.	2,606

TAR EMULSION SEAL COAT

THIS ITEM OF WORK SHALL CONSIST OF THE APPLICATION OF TWO COATS OF TAR EMULSION SEAL COAT ON A PREPARED ASPHALT SURFACE. THE AREAS TO RECEIVE THE SEAL COAT ARE AS DETAILED ON THIS SHEET. THE CONTRACTOR WILL BE REQUIRED TO REMOVE ANY MATERIAL THAT IS SPLASHED OR SPRAYED ON ANY/OR ALL BUILDINGS OR CONCRETE.

THE SEAL COAT MIXTURE AND APPLICATION SHALL BE IN ACCORDANCE WITH THE SPECIAL PROVISIONS.

THIS ITEM WILL BE PAID FOR UNDER ITEM:
AR625510 "TAR EMULSION SEAL COAT" ___ 2,606 S.Y.



PROPOSED INLET ADJUSTMENT DETAIL
"NOT TO SCALE"

NOTES

THE EXISTING INLET AT STA. 2+91, 167' RT. WILL BE ADJUSTED AS SHOWN ON THE DETAIL ON THIS SHEET AND IN ACCORDANCE TO THE SPECIAL PROVISIONS.

THE EXISTING FRAME SHALL BE JACKHAMMERED FROM THE EXISTING INLET AND A NEW FRAME RESET AS SHOWN IN THE DETAIL AND IN ACCORDANCE WITH THIS SHEET.

THE PROPOSED INLET ADJUSTMENT WILL BE PAID FOR UNDER THE FOLLOWING:
AR751940 "ADJUST INLET" _____ 1 EACH.

CLASS E FENCE NOTES

THE PROPOSED CLASS "E" FENCE SHALL BE INSTALLED AT THE LOCATIONS SHOWN ON THIS SHEET AND IN ACCORDANCE WITH THE DETAILS SHOWN IN THE SPECIAL PROVISIONS.

THE PROPOSED CLASS "E" FENCE WILL BE PAID FOR UNDER ITEM:
AR162504 "CLASS E FENCE 4" _____ 62 LIN. FT.



DATE	REVISION	BY

VANDALIA MUNICIPAL AIRPORT
VANDALIA, ILLINOIS

IEL Project No. 830-05AFND-0800 File Name: R-121CON.DWG Scale: 1" = 30' Date: 03/23/05	LAYOUT DRAWN: BKB REVIEWED: CAH	03/23/05 03/23/05 xx/xx/xx
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 Springfield, Illinois 62703-2866
 Offices Nationwide

APRON AND TAXIWAYS
RECONSTRUCTION
 PROPOSED APRON
CONSTRUCTION
PLAN

JUL 13, 2005 9:45 AM BAK
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DATE	REVISION	BY

VANDALIA MUNICIPAL AIRPORT
VANDALIA, ILLINOIS






IL. PROJ.: VLA-3432 A.I.P. PROJ.: 3-17-0102-B8

ILL. Project No. 830-058PND-0800 Element R-121CON.DWG Scale 1" = 30' Date 03/23/05	LAYOUT BKB 03/23/05 DRAWN BAK 03/23/05 REVIEWED CAH xx/xx/xx
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APRON AND TAXIWAYS
RECONSTRUCTION
PROPOSED TAXIWAY "A"
CONSTRUCTION
PLAN

LEGEND

-  EXISTING IMPROVEMENTS
-  PROPOSED PFC LIMITS
-  EXISTING STAKE MOUNTED LIGHT (TO BE ADJUSTED)
-  EXISTING STAKE MOUNTED LIGHT
-  EXISTING BASE MOUNTED LIGHT

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.

THE PROPOSED BITUMINOUS TACK COAT SHALL BE PLACED ON THE PROPOSED BITUMINOUS PAVEMENT PRIOR TO THE PLACEMENT OF THE NEXT LIFT OF PROPOSED BITUMINOUS SURFACE COURSE. 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.

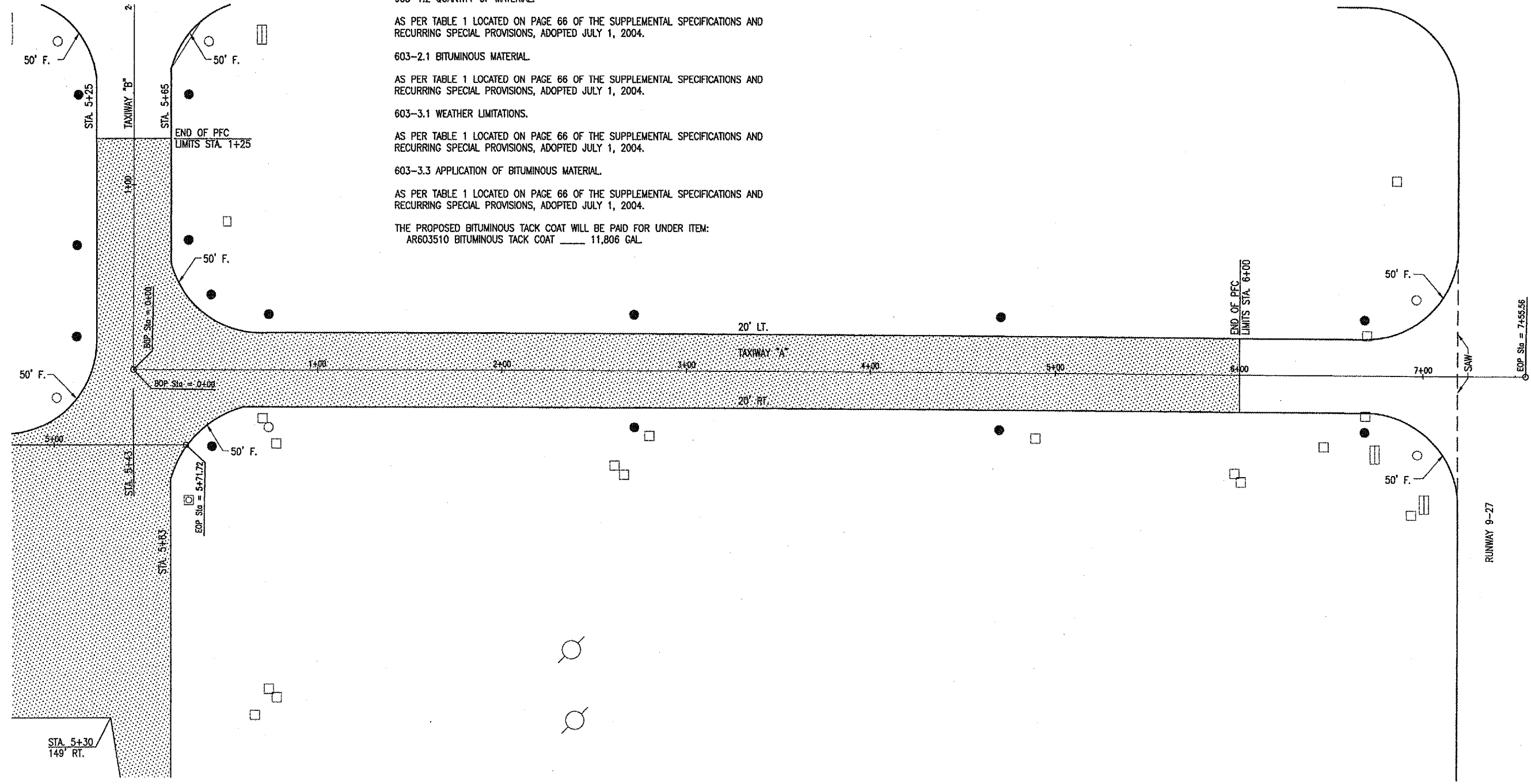
603-1.2 QUANTITY OF MATERIAL.
AS PER TABLE 1 LOCATED ON PAGE 66 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

603-2.1 BITUMINOUS MATERIAL.
AS PER TABLE 1 LOCATED ON PAGE 66 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

603-3.1 WEATHER LIMITATIONS.
AS PER TABLE 1 LOCATED ON PAGE 66 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.






603-3.3 APPLICATION OF BITUMINOUS MATERIAL.
AS PER TABLE 1 LOCATED ON PAGE 66 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

THE PROPOSED BITUMINOUS TACK COAT WILL BE PAID FOR UNDER ITEM:
AR603510 BITUMINOUS TACK COAT _____ 11,806 GAL.



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LEGEND

-  EXISTING IMPROVEMENTS
-  PROPOSED PFC LIMITS
-  EXISTING STAKE MOUNTED LIGHT (TO BE ADJUSTED)
-  EXISTING STAKE MOUNTED LIGHT
-  EXISTING BASE MOUNTED LIGHT

POROUS FRICTION COURSE NOTES

THE PROPOSED POROUS FRICTION COURSE WILL BE CONSTRUCTED IN ONE LAYER, HAVING A COMPACTED NOMINAL THICKNESS OF 0.10 FOOT.

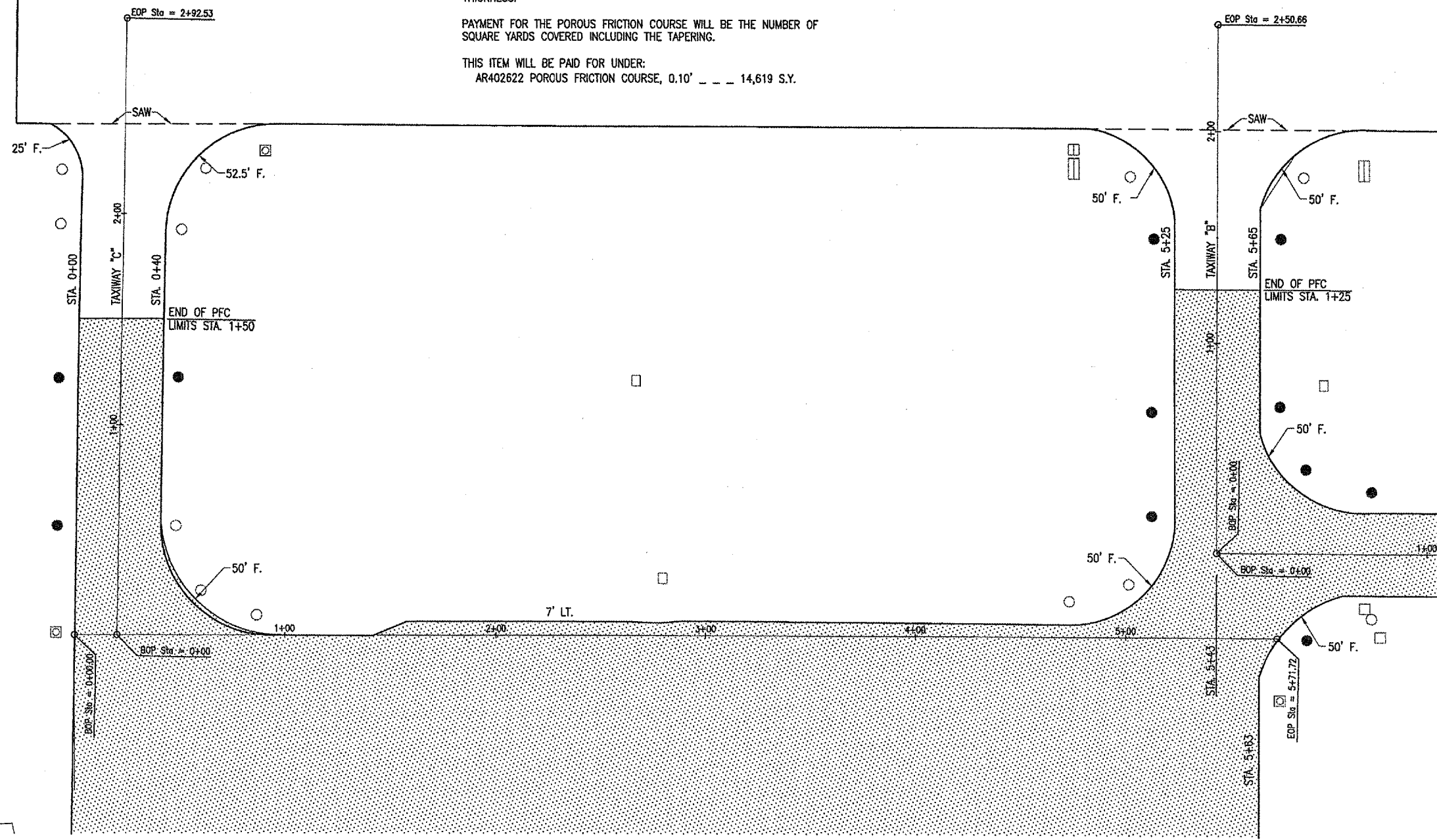
POROUS FRICTION COURSE SHALL BE PLACED ON A CLEAN AND PREPARED SURFACE ONLY AFTER THE APPROVAL OF THE RESIDENT ENGINEER.

POROUS FRICTION COURSE WILL BE CONSTRUCTED IN THE LOCATIONS SHOWN ON THE CONSTRUCTION PLANS AND IN ACCORDANCE WITH THE SPECIAL PROVISIONS.

IN AREAS WHERE THE PROPOSED BITUMINOUS IS PAVED BEYOND THE EDGE OF THE POROUS FRICTION COURSE, THE FINAL THREE (3) FEET OF THE POROUS FRICTION COURSE WILL BE TAPERED FROM 0.10 FEET TO 0 FEET THICKNESS.

PAYMENT FOR THE POROUS FRICTION COURSE WILL BE THE NUMBER OF SQUARE YARDS COVERED INCLUDING THE TAPERING.

THIS ITEM WILL BE PAID FOR UNDER:
AR402622 POROUS FRICTION COURSE, 0.10' _ _ _ 14,619 S.Y.



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DATE	REVISION	BY

VANDALIA MUNICIPAL AIRPORT
VANDALIA, ILLINOIS

IL PROJ.: VLA-3432 A.I.P. PROJ.: 3-17-0102-BB

REL Project No. 830-05AFN-0800	
Revision R-121CON.DWG	
Scale 1" = 30'	
Date 03/23/05	
LAYOUT	BKB 03/23/05
DRAWN	BAK 03/23/05
REVIEWED	CAH 05/16/05



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APRON AND TAXIWAYS
RECONSTRUCTION

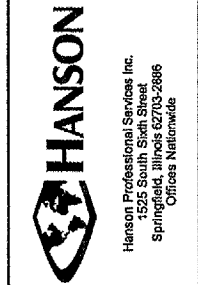
PROPOSED
TAXIWAY "B" & TAXIWAY "C"
CONSTRUCTION PLAN

DATE	REVISION

VANDALIA MUNICIPAL AIRPORT
VANDALIA, ILLINOIS

IL PROJ: VLA-3432 A.I.P. PROJ: 3-17-0102-88

ILE Project No. 830-058PND-0800	
Drawn: R-19 LSTK.DWG	
Scale: 1" = 30'	
Date: 03/23/05	
LAYOUT	BKB 03/23/05
DRAWN	BAK 03/23/05
REVIEWED	CAH xx/xx/xx



APRON AND TAXIWAYS
RECONSTRUCTION

PROPOSED
APRON
STAKING PLAN

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 SEEDED AREA. DISTURBED AREAS OUTSIDE THE GRADING LIMITS SHALL ALSO BE MULCHED AND PARTICIPATION WILL BE THE SAME AS FOR SEEDED AREAS.

908-2.1 MULCH MATERIAL: THE CONTRACTOR MAY EITHER FURNISH STRAW OR HYDROMULCH 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.

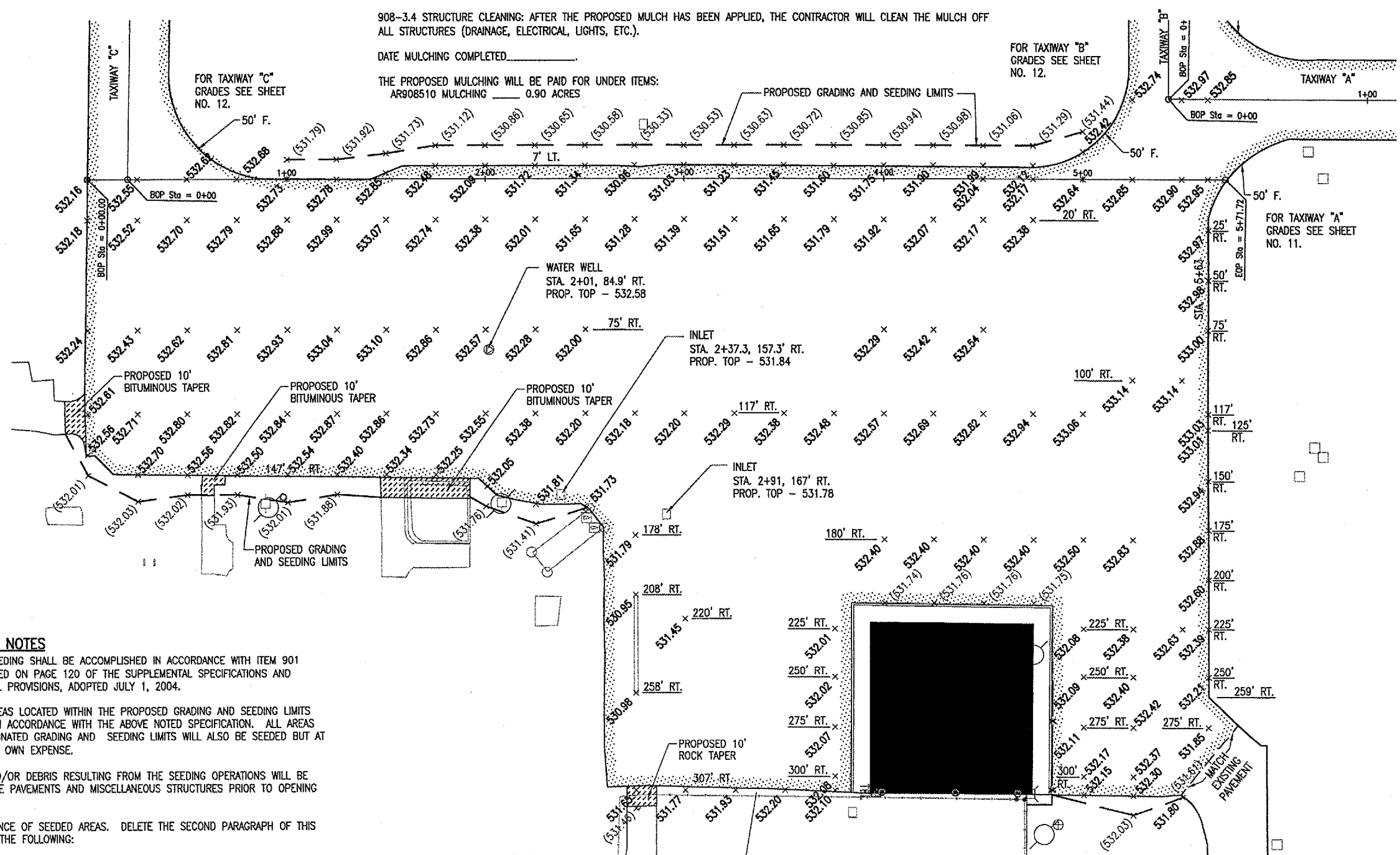
908-3.4 STRUCTURE CLEANING: AFTER THE PROPOSED MULCH HAS BEEN APPLIED, THE CONTRACTOR WILL CLEAN THE MULCH OFF ALL STRUCTURES (DRAINAGE, ELECTRICAL, LIGHTS, ETC.).

DATE MULCHING COMPLETED _____

THE PROPOSED MULCHING WILL BE PAID FOR UNDER ITEMS:
AR908510 MULCHING 0.90 ACRES

LEGEND

- EXISTING IMPROVEMENTS
- PROPOSED IMPROVEMENTS
- EXISTING BUILDING
- PROPOSED SEEDING AND MULCHING LIMITS
- 530.79 EXISTING GRADE
- 530.79 PROPOSED GRADE



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 SEEDING IN ACCORDANCE WITH THE ABOVE NOTED SPECIFICATION. ALL AREAS OUTSIDE THE DESIGNATED GRADING AND SEEDING LIMITS WILL ALSO BE SEEDING 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 SEEDED 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."

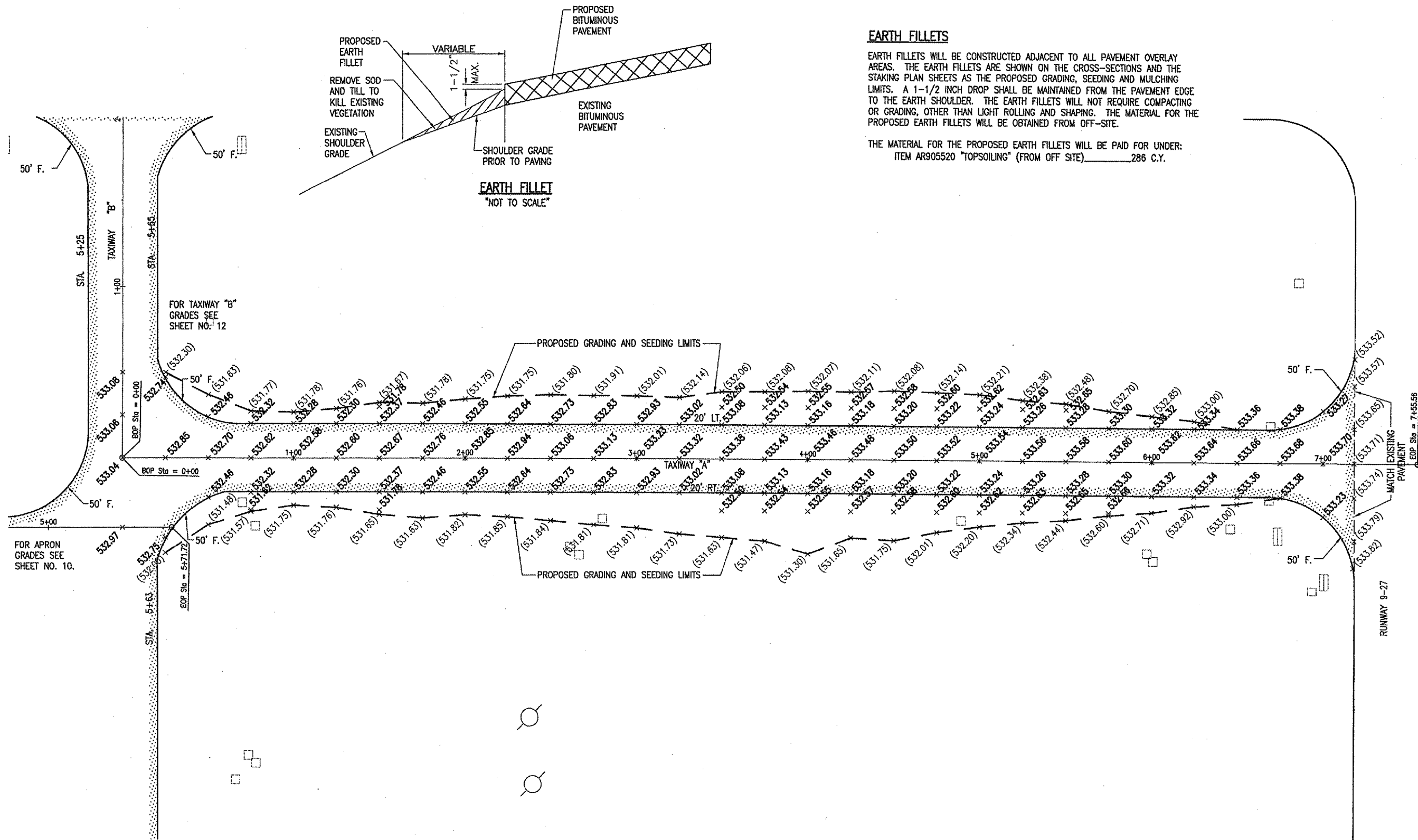
DATE SEEDING COMPLETED _____

THE PROPOSED SEEDING WILL BE PAID FOR UNDER ITEMS: AR901510 SEEDING 0.90 ACRES

SEEDING QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
AR901510	SEEDING	ACRE	0.90
AR908510	MULCHING	ACRE	0.90





EARTH FILLETS

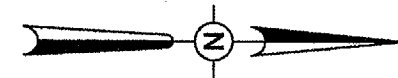
EARTH FILLETS WILL BE CONSTRUCTED ADJACENT TO ALL PAVEMENT OVERLAY AREAS. THE EARTH FILLETS ARE SHOWN ON THE CROSS-SECTIONS AND THE STAKING PLAN SHEETS AS THE PROPOSED GRADING, SEEDING AND MULCHING LIMITS. A 1-1/2 INCH DROP SHALL BE MAINTAINED FROM THE PAVEMENT EDGE TO THE EARTH SHOULDER. THE EARTH FILLETS WILL NOT REQUIRE COMPACTING OR GRADING, OTHER THAN LIGHT ROLLING AND SHAPING. THE MATERIAL FOR THE PROPOSED EARTH FILLETS WILL BE OBTAINED FROM OFF-SITE.

THE MATERIAL FOR THE PROPOSED EARTH FILLETS WILL BE PAID FOR UNDER:
ITEM AR905520 "TOPSOILING" (FROM OFF SITE) 286 C.Y.

EARTH FILLET
"NOT TO SCALE"

LEGEND

- EXISTING IMPROVEMENTS
- PROPOSED IMPROVEMENTS
- PROPOSED SEEDING AND MULCHING LIMITS
- 530.79 EXISTING GRADE
- 530.79 PROPOSED GRADE



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

DATE	REVISION	BY

VANDALIA MUNICIPAL AIRPORT
VANDALIA, ILLINOIS
IL PROJ.: VA-3432 A.I.P. PROJ.: 3-17-0102-BB

NO. Project No. 830-05APND-0800	DATE 03/23/05
Drawn R-191 STK.DWG	BY BKB
Scale 1" = 30'	03/23/05
DATE 03/23/05	REVIEWED CAH
	xx/xx/xx



APRON AND TAXIWAYS
RECONSTRUCTION
PROPOSED
TAXIWAY "A"
STAKING PLAN

TIE DOWN REMOVAL NOTES

THE EXISTING TIE DOWNS LOCATED IN THE AREAS TO BE OVERLAID WILL BE REMOVED AND DISPOSED OFF THE AIRPORT SITE.

THE CONTRACTOR WILL SEPARATE THE TIE DOWNS TO BE REMOVED FROM THE SURROUNDING PAVEMENT PRIOR TO PULLING THE TIE DOWN OUT. REMOVAL OF THE TIE DOWN WILL NOT CAUSE ANY DISPLACEMENT OF THE SURROUNDING PAVEMENT. ANY DISPLACEMENT WILL BE CORRECTED BY THE CONTRACTOR TO THE SATISFACTION OF THE RESIDENT ENGINEER.

THE CONTRACTOR WILL FILL THE HOLE WITH SAND.

THE REMOVAL AND DISPOSAL OF THE TIE DOWNS AND FILLING OF THE HOLES WITH SAND WILL BE PAID FOR UNDER ITEM:

AR510900 "REMOVE TIE DOWN" 45 EA.

TIE DOWN NOTES

NEW TIE DOWNS WILL BE INSTALLED IN ACCORDANCE WITH DETAIL "B" AND AT THE LOCATIONS SHOWN ON THIS SHEET.

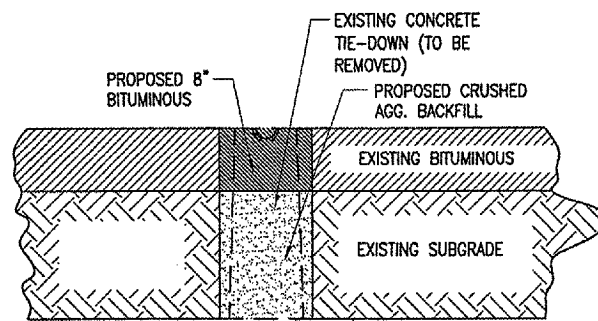
THE PERIMETER OF EACH PROPOSED TIE DOWN SHALL BE SAWED.

TIE DOWN CASTINGS SHALL BE NEENAH R-3490A OR EQUAL.

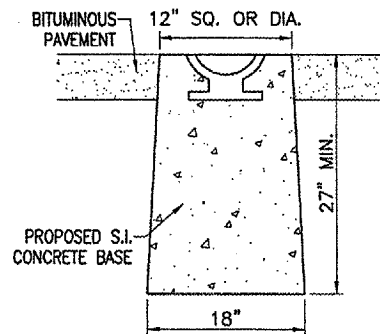
CONCRETE SHALL MEET THE REQUIREMENTS OF 610 - STRUCTURAL CONCRETE.

THE PROPOSED TIE DOWN MARKING WILL BE IN ACCORDANCE WITH THE TIE DOWN MARKING DETAIL ON THIS SHEET AND THE SPECIFICATIONS.

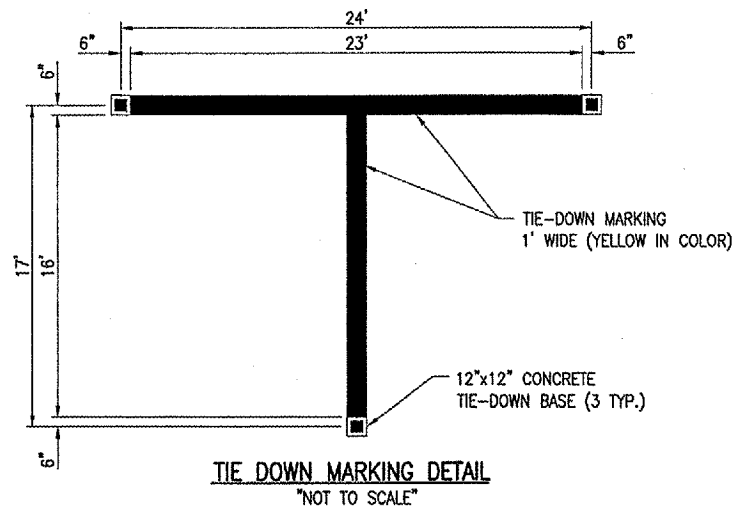
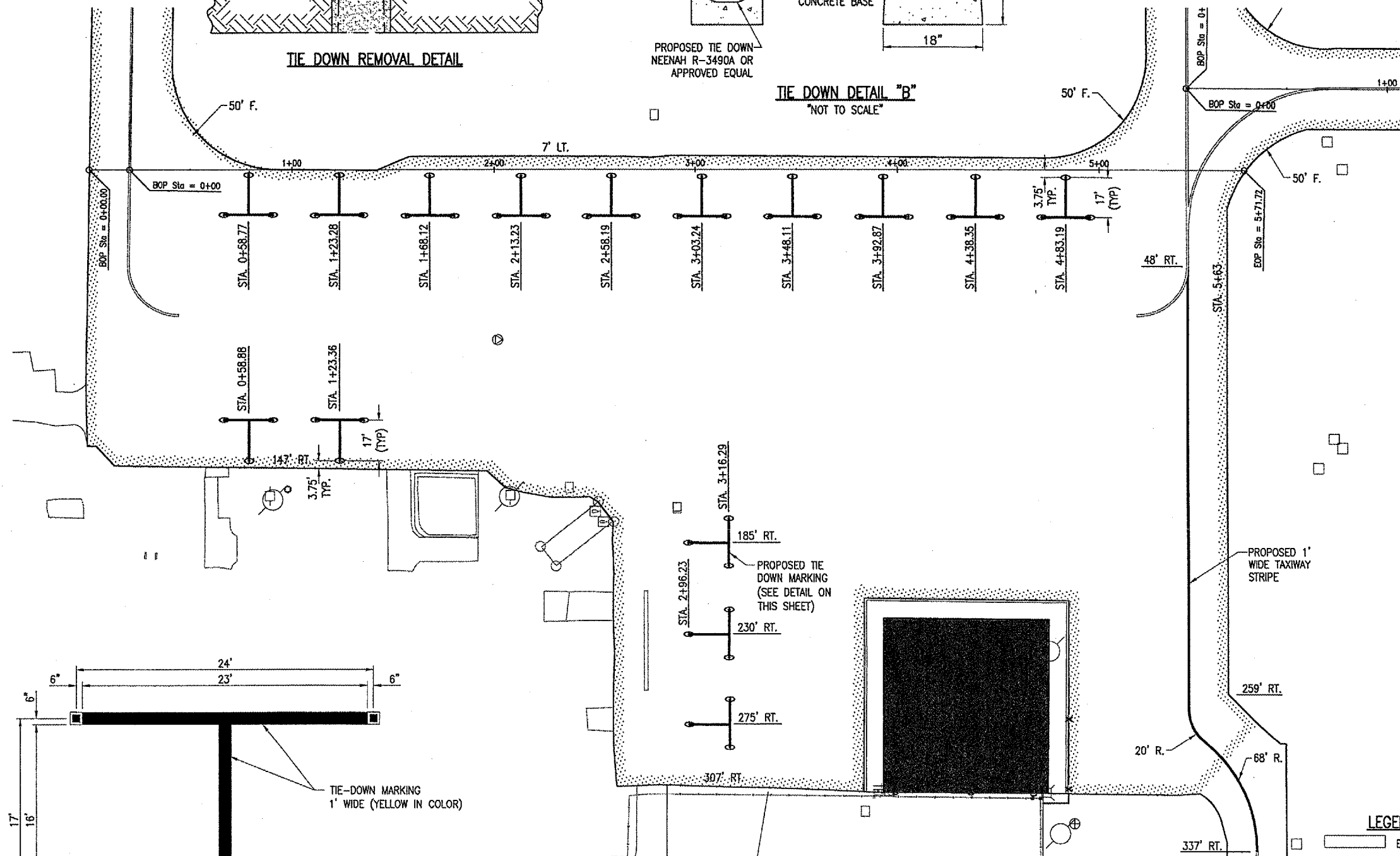
THE TIE DOWNS WILL BE PAID FOR UNDER ITEM: AR510510 "TIE DOWN" 45 EA.



TIE DOWN REMOVAL DETAIL



TIE DOWN DETAIL "B"
"NOT TO SCALE"

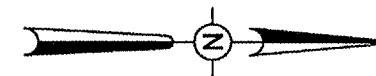


TIE DOWN MARKING DETAIL
"NOT TO SCALE"

LEGEND

- EXISTING IMPROVEMENTS
- PROPOSED IMPROVEMENTS
- EXISTING BUILDING
- EXISTING MARKING
- PROPOSED MARKING

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



DATE	REVISION

VANDALIA MUNICIPAL AIRPORT
VANDALIA, ILLINOIS

IL PROJ.: VJA-3432 A.I.P. PROJ.: 3-17-0102-88

ISD Project No. 830-05APND-0800	DATE 03/23/05
Drawn R-151MRK.DWG	DRAWN BAK
Scale 1" = 30'	REVIEWED CAH
Date 03/23/05	DATE 05/09/05



APRON AND TAXIWAYS
RECONSTRUCTION

PROPOSED
APRON
MARKING PLAN

DATE	REVISION	BY

VANDALIA MUNICIPAL AIRPORT
VANDALIA, ILLINOIS

IL. PROJ.: VLA-3432 A.I.P. PROJ.: 3-17-0102-BB

REL. Project No. 830-05APM-0800	FILED
Drawings R-151MRK.DWG	DATE
Scale 1" = 30'	DATE
Date 03/23/05	DATE
LAYOUT BKB 03/23/05	DATE
DRAWN BAK 03/23/05	DATE
REVIEWED CAH 05/09/05	DATE

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1425 South State Street
Springfield, Illinois 62703-2896
Offices Nationwide

APRON AND TAXIWAYS
RECONSTRUCTION

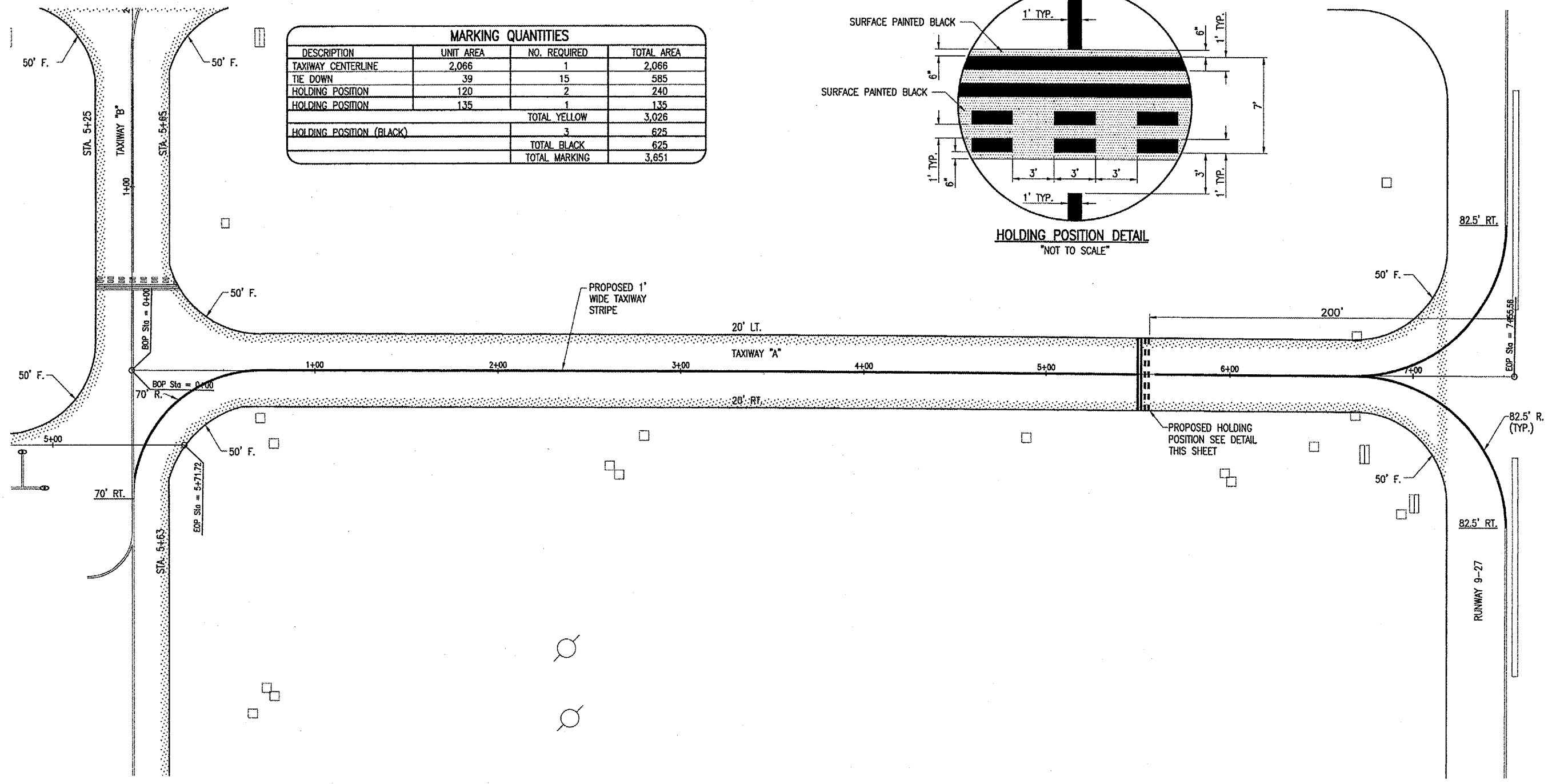
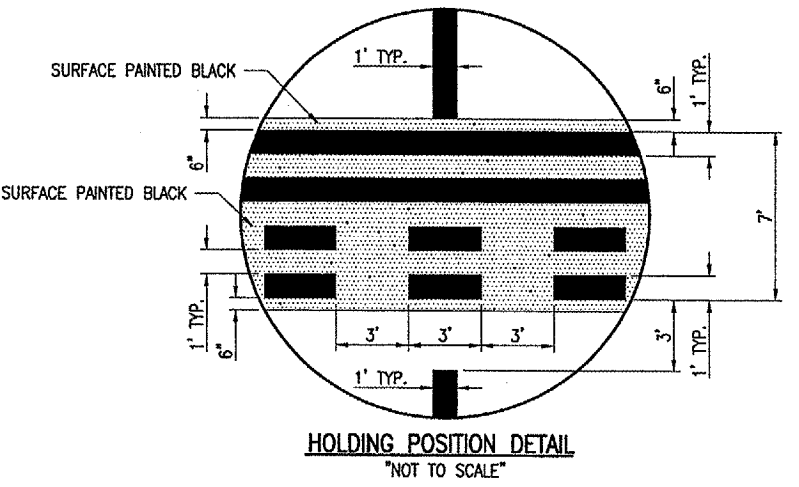
PROPOSED
TAXIWAY "A"
MARKING PLAN

LEGEND

- EXISTING IMPROVEMENTS
- PROPOSED IMPROVEMENTS
- EXISTING MARKING
- PROPOSED MARKING

MARKING QUANTITIES

DESCRIPTION	UNIT AREA	NO. REQUIRED	TOTAL AREA
TAXIWAY CENTERLINE	2,066	1	2,066
TIE DOWN	39	15	585
HOLDING POSITION	120	2	240
HOLDING POSITION	135	1	135
		TOTAL YELLOW	3,026
HOLDING POSITION (BLACK)		3	625
		TOTAL BLACK	625
		TOTAL MARKING	3,651







JUL 13, 2005 9:57 AM BAK
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0' 15' 30' 60'

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

LEGEND

-  EXISTING IMPROVEMENTS
-  PROPOSED IMPROVEMENTS
-  EXISTING MARKING
-  PROPOSED MARKING

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 TAXIWAY CENTERLINE, HOLDING POSITION (BLACK AND YELLOW) AND TIE DOWN MARKING IN ACCORDANCE WITH THESE SPECIFICATIONS AND AT THE LOCATIONS SHOWN ON THE CONSTRUCTION PLANS. THE PROPOSED PAVEMENT MARKING WILL BE APPLIED IN TWO APPLICATIONS.

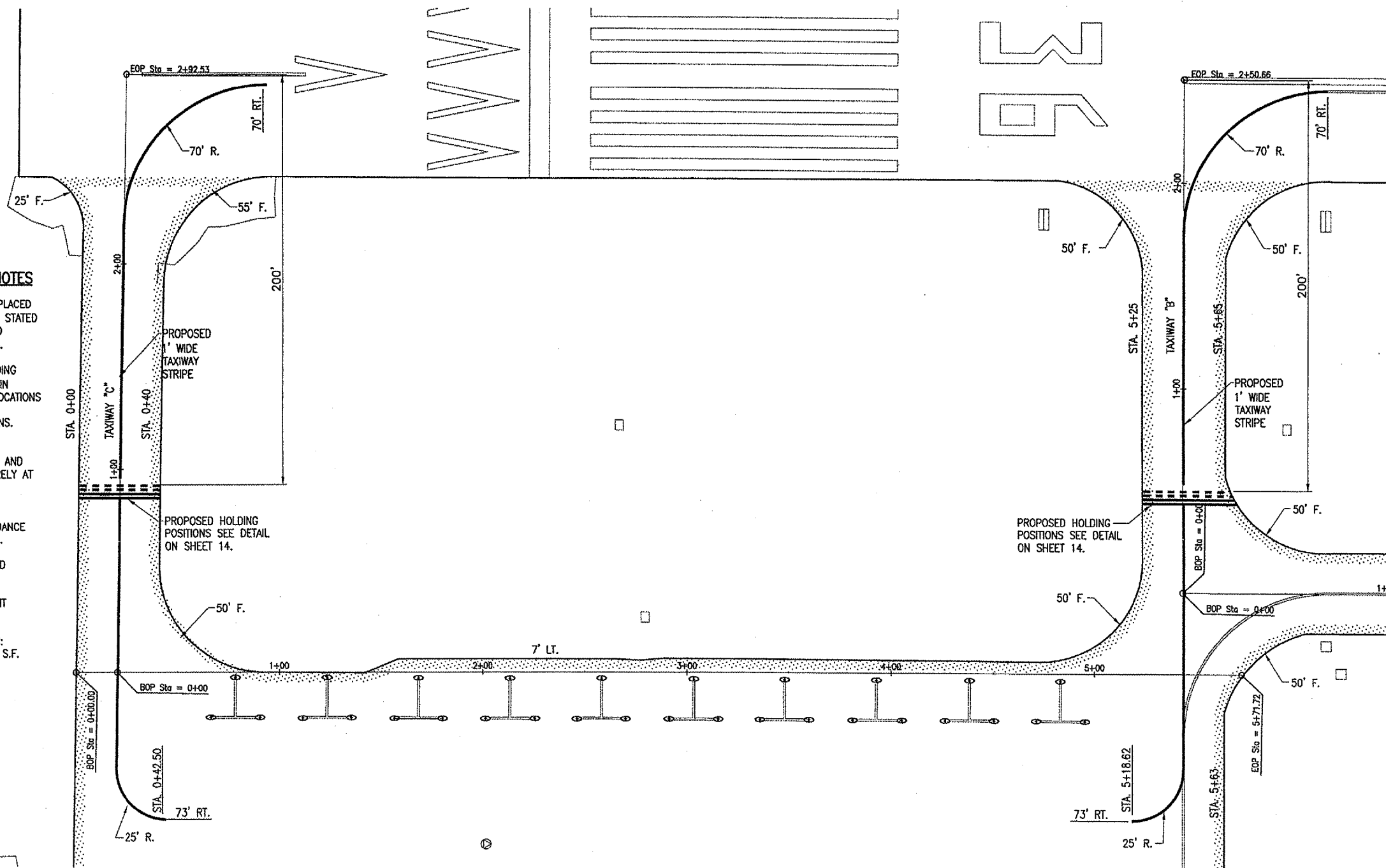
ANY MATERIAL DELIVERED THAT FAILS TO MEET THE SPECIFICATIONS SHALL BE DISPOSED OF BY THE VENDOR AND IMMEDIATELY REPLACED WITH ACCEPTABLE MATERIAL ENTIRELY AT THE VENDOR'S EXPENSE, INCLUDING HANDLING AND TRANSPORTATION CHARGES.

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 _ 3,651 S.F.



DATE	REVISION	BY

VANDALIA MUNICIPAL AIRPORT
VANDALIA, ILLINOIS

IL PROJ.: VLA-3432 A.I.P. PROJ.: 3-17-0102-B8

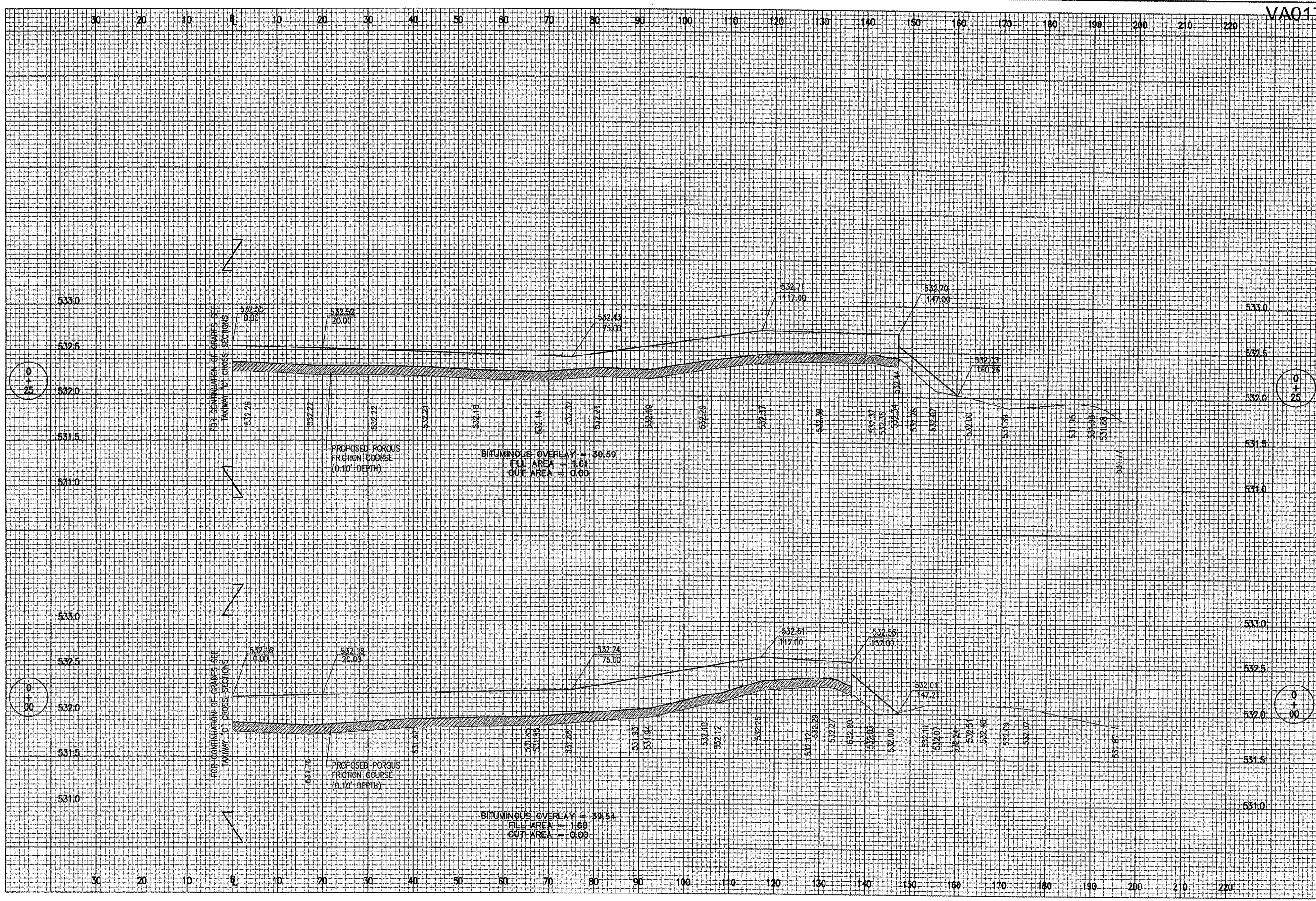
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LAYOUT	BKB	03/23/05	
DRAWN	BAK	03/23/05	
REVIEWED	CAH	05/09/05	

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

APRON AND TAXIWAYS
RECONSTRUCTION
PROPOSED
TAXIWAY "B" & TAXIWAY "C"
MARKING PLAN

JUL 13, 2005 9:57 AM BAK
I:\AIRPORTS\VANDALIA\830-05APN\AIRPORT\ SHEETS\R-151MRK.DWG - TAXIWAY B AND C





DATE	REVISION	BY

VANDALIA MUNICIPAL AIRPORT
 VANDALIA, ILLINOIS

IL PROJ.: VLA-3432 A.I.P. PROJ.: 3-17-0102-B8

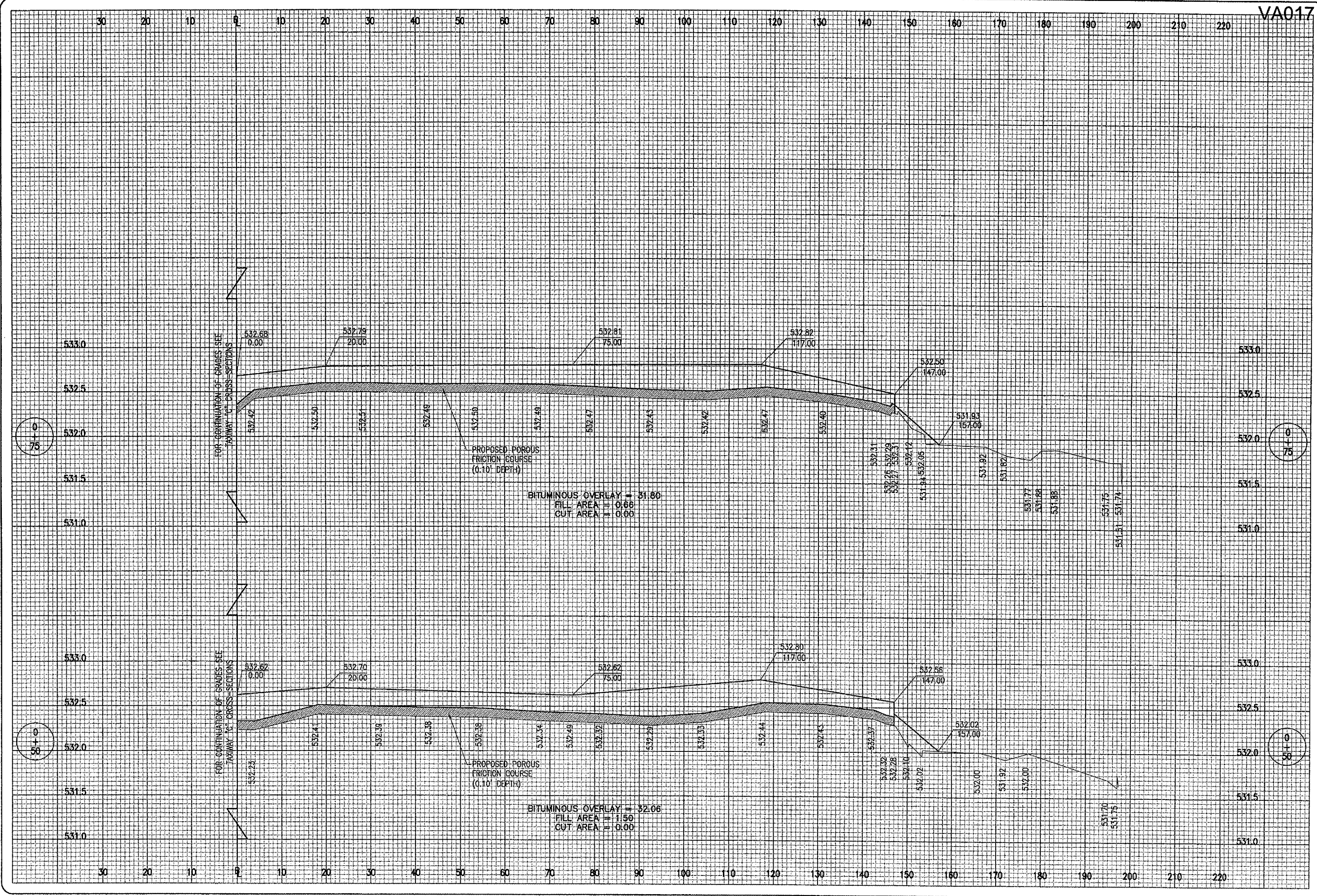
REVISION	DATE	BY
LAYOUT	4/18/05	BKB
DRAWN	4/18/05	BAK
REVIEWED	05/12/05	CAH



APRON AND TAXIWAYS
 RECONSTRUCTION

PROPOSED CROSS-SECTIONS
 FOR APRON
 STA. 0+00 TO STA. 0+25

JUL 13 2005 10:15 AM BAK
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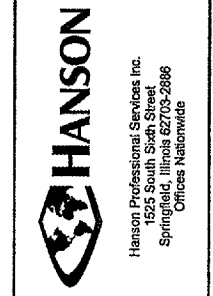
VA017

DATE	REVISION	BY

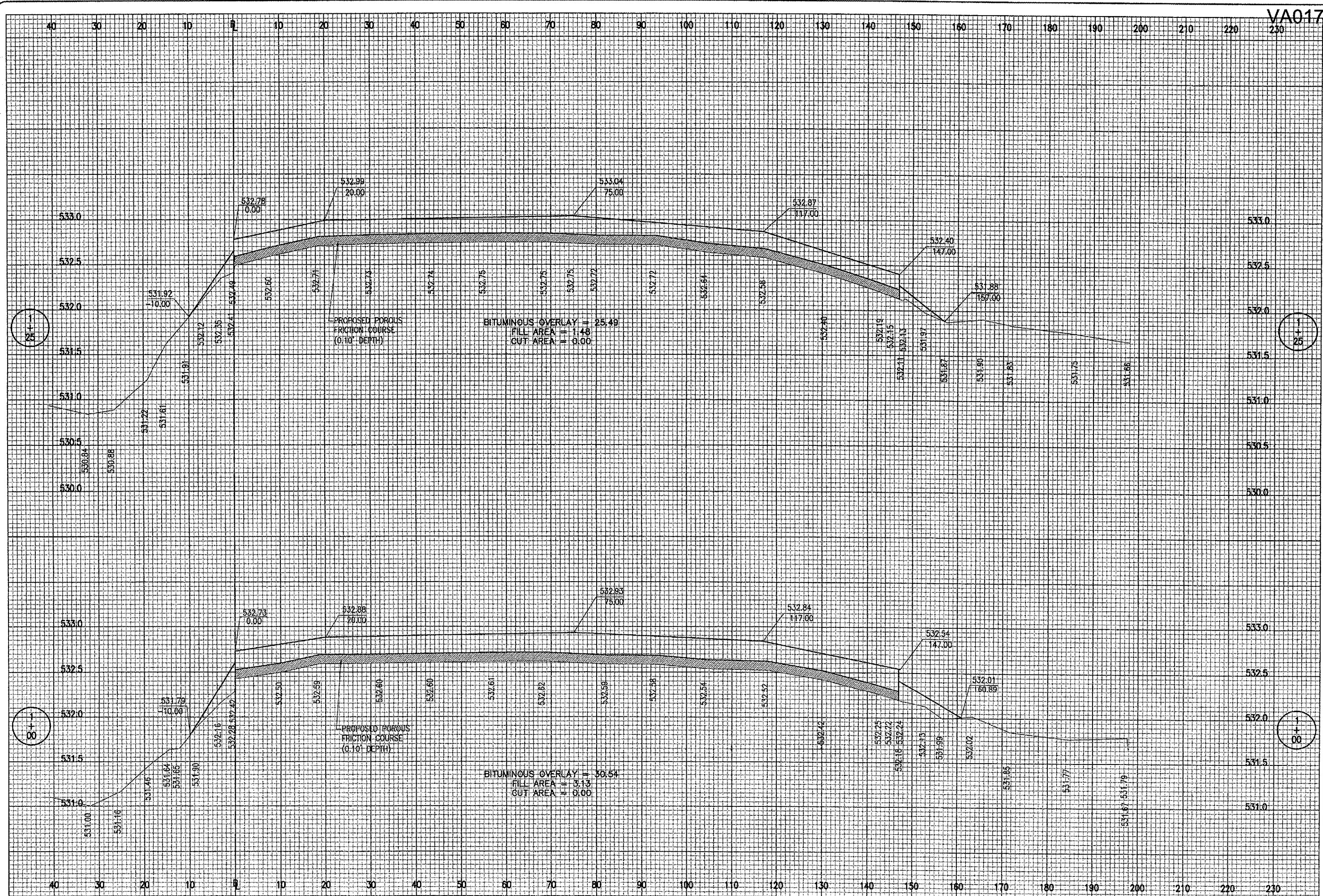
VANDALIA MUNICIPAL AIRPORT
 VANDALIA, ILLINOIS

IL PROJ.: VLA-3432 A.I.P. PROJ.: 3-17-0102-B8

H.E. Project No. 830-05APND-0800 File Name: R-316XS-APN.DWG Scale: H. 1" = 10' V. 1" = 0.5' Date: 4/18/05	LAYOUT DRAWN REVIEWED	BKB BAK CAH	4/18/05 4/18/05 05/12/05
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APRON AND TAXIWAYS RECONSTRUCTION
 PROPOSED CROSS-SECTIONS FOR APRON
 STA. 0+50 TO STA. 0+75



DATE	REVISION	BY

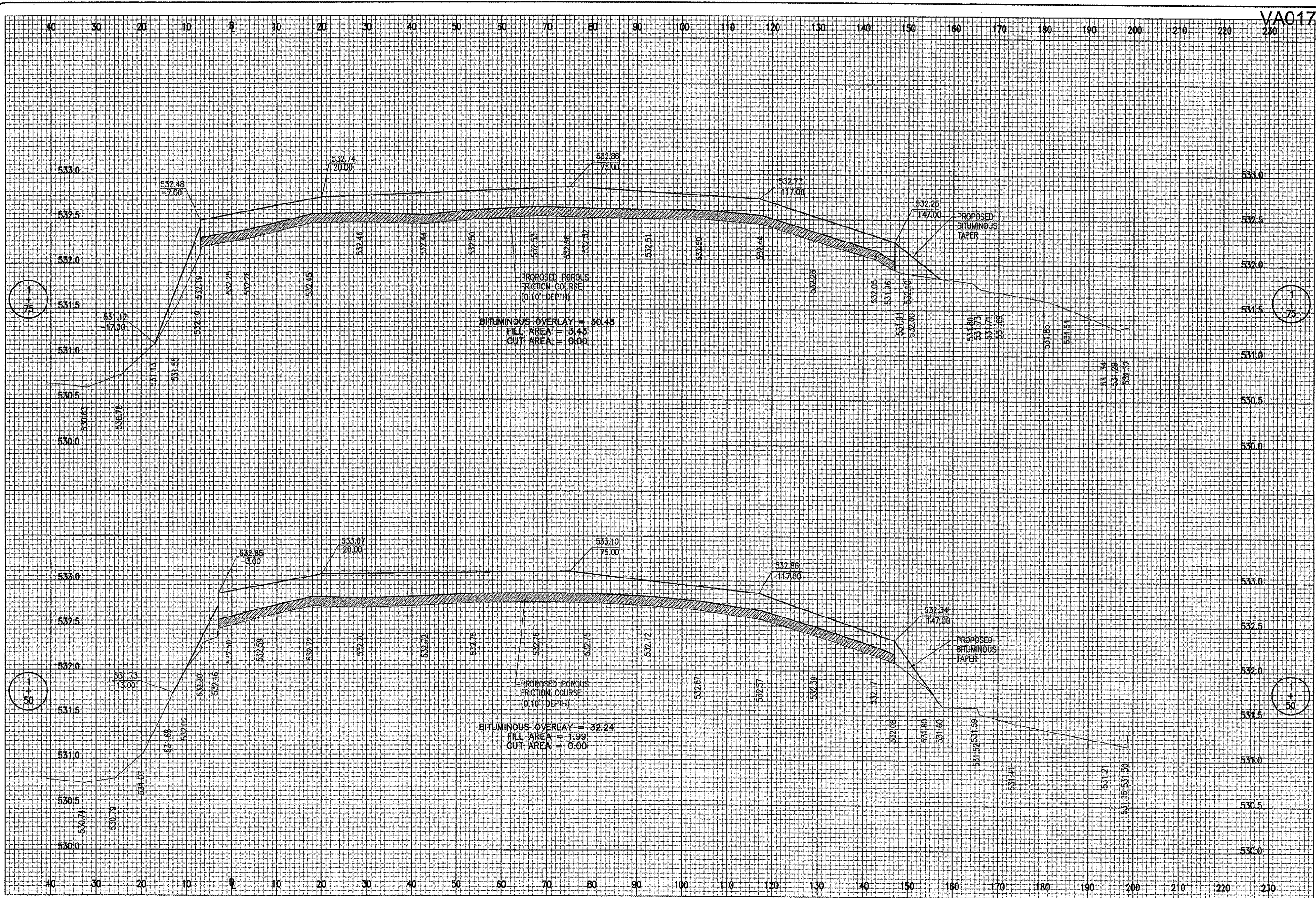
VANDALIA MUNICIPAL AIRPORT
 VANDALIA, ILLINOIS

IL PROJ.: VLA-3432 A.I.P. PROJ.: 3-17-0102-B8

I.E. Project No. 830-05APN-0800 Filename R-317XS-APN.DWG Scale H: 1" = 10' V: 1" = 0.5' Date 4/19/05	LAYOUT BKB 4/19/05 DRAWN BAK 4/19/05 REVIEWED CAH 05/12/05
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APRON AND TAXIWAYS
 RECONSTRUCTION
 PROPOSED CROSS-SECTIONS
 FOR APRON
 STA. 1+00 TO STA. 1+25



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DATE	REVISION	BY

VANDALIA MUNICIPAL AIRPORT
 VANDALIA, ILLINOIS

IL PROJ.: VLA-3432 A.I.P. PROJ.: 3-17-0102-88

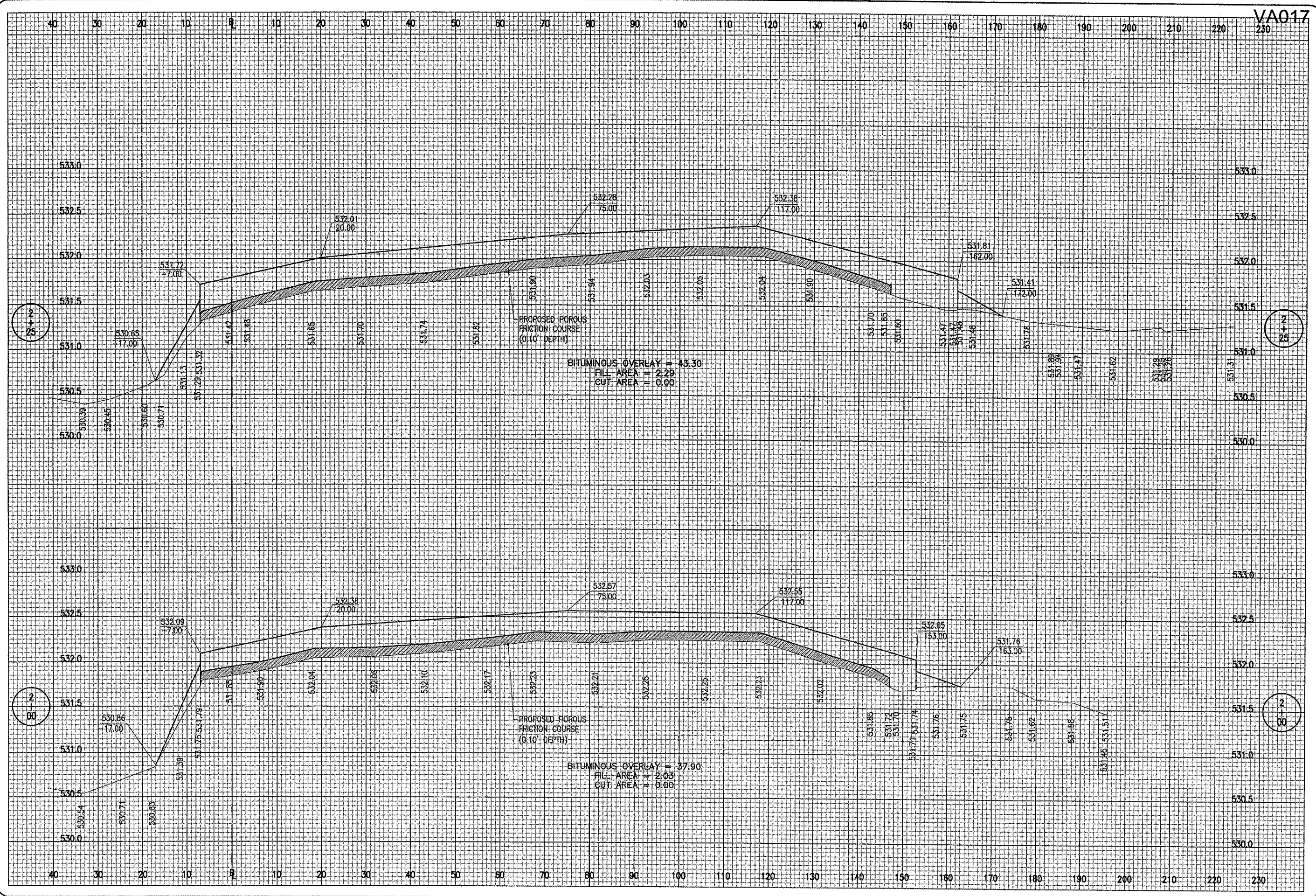
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File Name R-318XS-APN.DWG	4/19/05
Scale H. 1" = 10' V. 1" = 0.5'	05/12/05
Date 4/19/05	



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 1525 South State Street
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 Offices Nationwide

APRON AND TAXIWAYS
 RECONSTRUCTION
 PROPOSED CROSS-SECTIONS
 FOR APRON
 STA. 1+50 TO STA. 1+75

JUL 13, 2005 10:16 AM BAK
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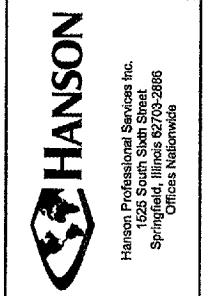


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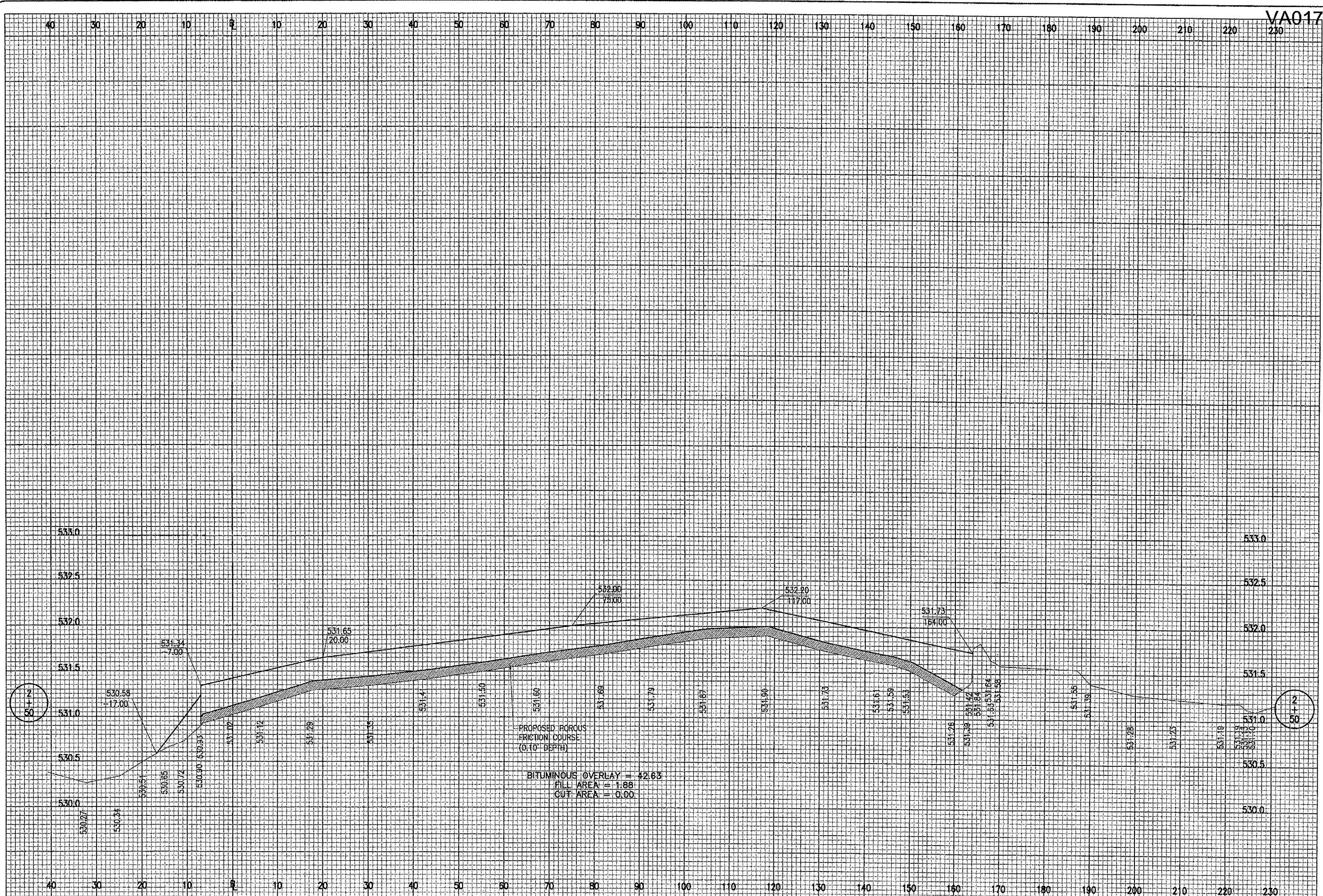
DATE	REVISION	BY

VANDALIA MUNICIPAL AIRPORT
 VANDALIA, ILLINOIS
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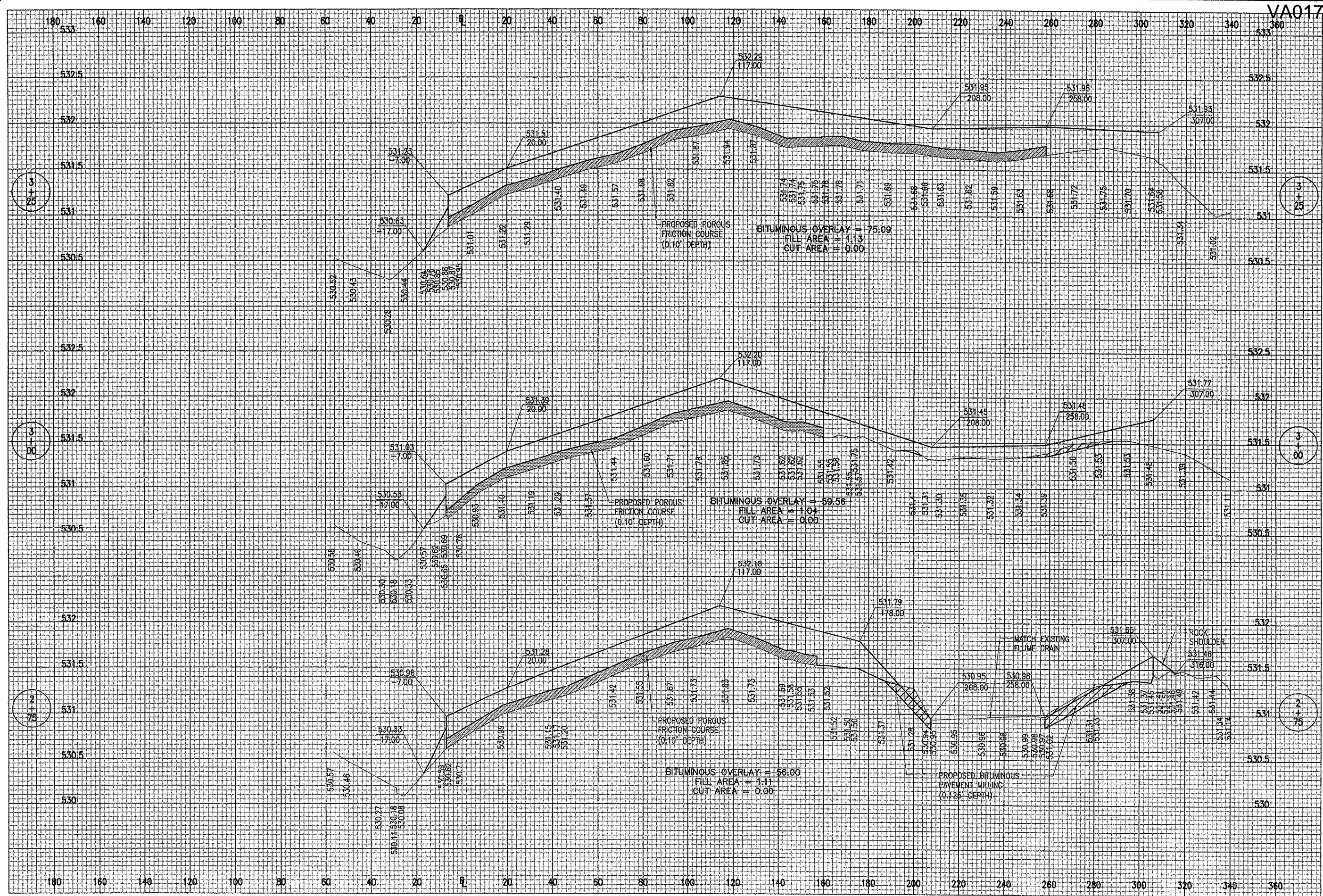
REVISION	DATE	BY
LAYOUT	4/19/05	BKG
DRAWN	4/19/05	BKH
REVIEWED	05/12/05	CAH



APRON AND TAXIWAYS
 RECONSTRUCTION
 PROPOSED CROSS-SECTIONS
 FOR APRON
 STA. 2+00 TO STA. 2+25



DATE		REVISION	
VANDALIA MUNICIPAL AIRPORT VANDALIA, ILLINOIS			
ILL. Project No. 830-05APND-0800 Drawing R-32DXS-APN.DWG Scale H. 1" = 10' V. 1" = 0.5' Date 4/19/05		LAYOUT BKB 4/19/05 DRAWN BAK 4/19/05 REVIEWED CAH 05/12/05	
HANSON Hanson Professional Services Inc. 1525 South Sixth Street Springfield, Illinois 62703-2886 Offices Nationwide			
APRON AND TAXIWAYS RECONSTRUCTION PROPOSED CROSS-SECTIONS FOR APRON STA. 2+50			
21 21 of 41 sheets			
IL. PROJ.: VLA-3432		A.I.P. PROJ.: 3-17-0102-B8	



VA017

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DATE	REVISION	BY

VANDALIA MUNICIPAL AIRPORT
 VANDALIA, ILLINOIS

IL PROJ.: VLA-3432 A.I.P. PROJ.: 3-17-0102-88

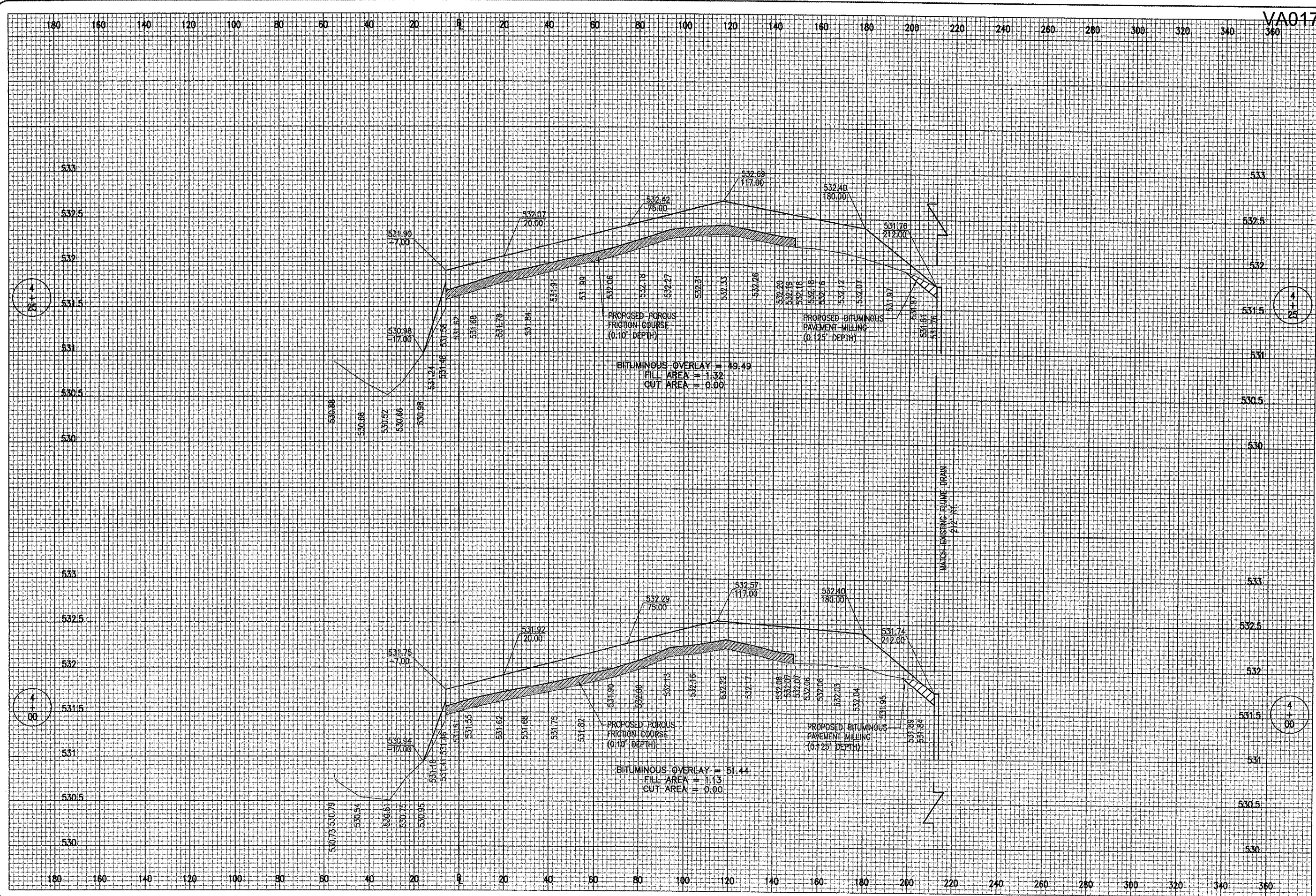
IBD Project No. 830-05APND-0800	LAYOUT	BKG	4/19/05
Flattener R-321XS-APN.DWG	DRAWN	BAK	4/19/05
Scale H. 1" = 20' V. 1" = 0.5'	REVIEWED	CAH	5/09/05
Date 4/19/05			



APRON AND TAXIWAYS
 RECONSTRUCTION

PROPOSED CROSS-SECTIONS
 FOR APRON
 STA. 2+75 TO STA. 3+25

JUL 13, 2005 10:23 AM BAK
 E:\AIRPORTS\VANDALIA\830-05APN\AIRPORT_SHEETS\R-323XS-APN.DWG - STA. 4+00 TO STA. 4+25



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DATE	REVISION	BY

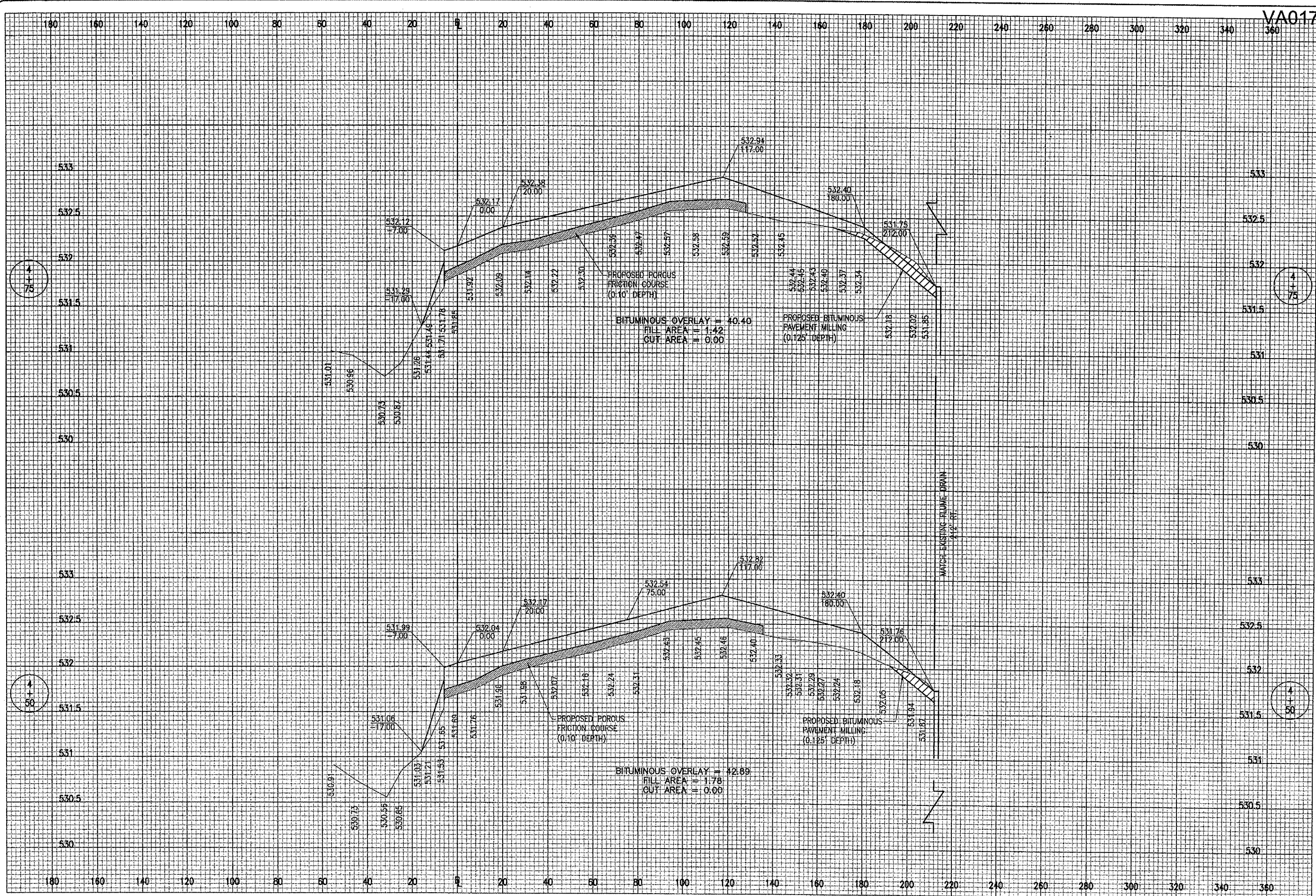
VANDALIA MUNICIPAL AIRPORT
 VANDALIA, ILLINOIS

IL PROJ.: VA-3432 A.I.P. PROJ.: 3-17-0102-BB

ILL. Project No. 830-05APND-0800 Elevation R-323XS-APN.DWG Scale H. 1" = 20' V. 1" = 0.5' Date 4/21/05	LAYOUT BKB 4/21/05 DRAWN BAK 4/21/05 REVIEWED CAH xx/xx/xx
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APRON AND TAXIWAYS
 RECONSTRUCTION
 PROPOSED CROSS-SECTIONS
 FOR APRON
 STA. 4+00 TO STA. 4+25



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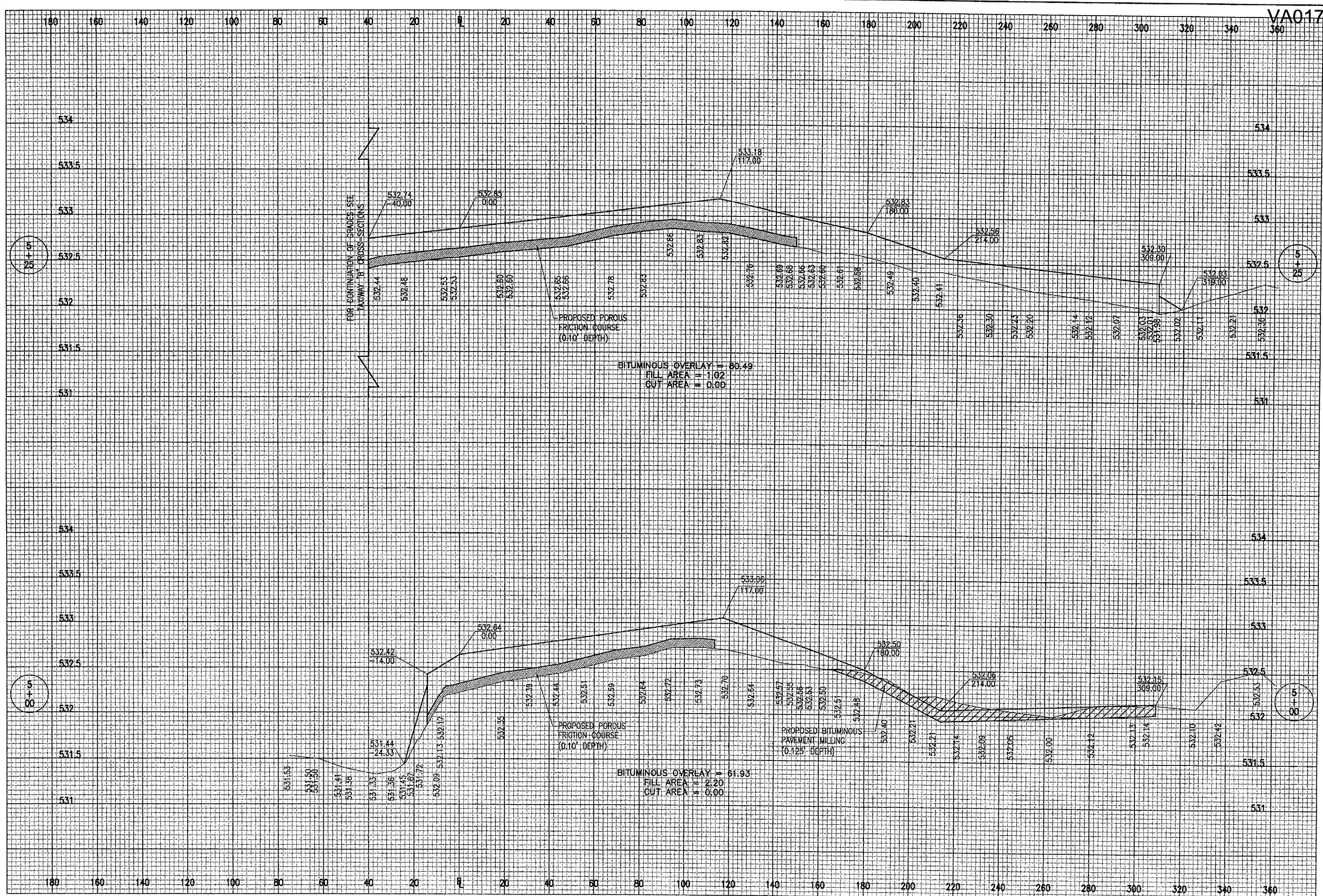
DATE	REVISION	BY

VANDALIA MUNICIPAL AIRPORT
 VANDALIA, ILLINOIS
 I.L. PROJ.: VA-3432 A.I.P. PROJ.: 3-17-0102-BB

I.L. Project No. 830-05APN-0800 Filename: R-324XS-APN.DWG Scale: H. 1" = 20' V. 1" = 0.5' Date: 4/21/05	LAYOUT: BKB 4/21/05 DRAWN: BAK 4/21/05 REVIEWED: CAH 05/16/05
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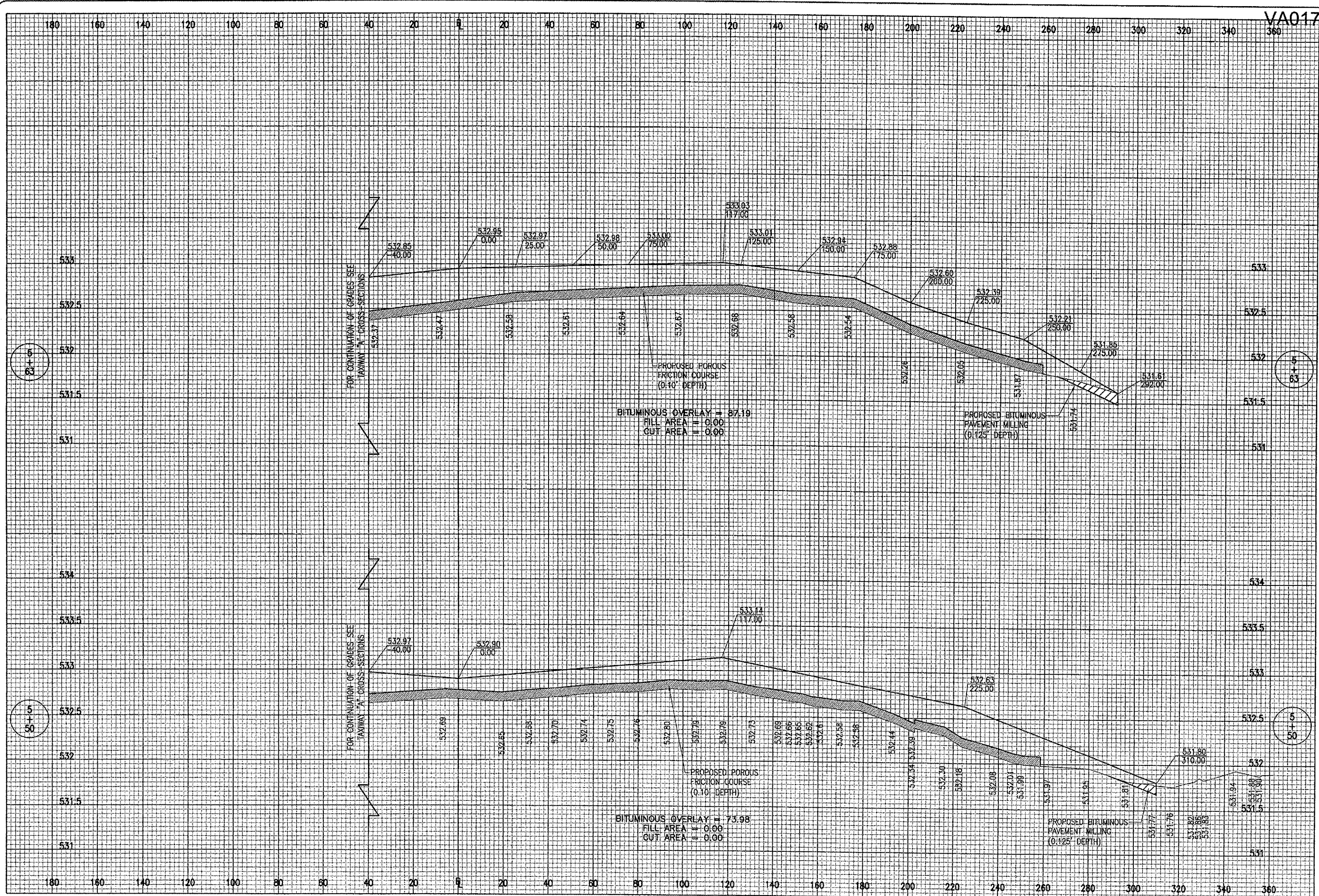


APRON AND TAXIWAYS
 RECONSTRUCTION
 PROPOSED CROSS-SECTIONS
 FOR APRON
 STA. 4+50 TO STA. 4+75



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BY		REVISION	
DATE		DATE	
VANDALIA MUNICIPAL AIRPORT VANDALIA, ILLINOIS			
I.B. Project No. 830-05APN-0800 Name R-325XS-APN.DWG Scale H. 1" = 20' V. 1" = 0.5' Date 4/21/05		LAYOUT BKB 4/21/05 DRAWN BAK 4/21/05 REVIEWED CAH 05/16/05	
<p>Hanson Professional Services Inc. 1625 South Sixth Street Springfield, Illinois 62703-2886 Offices Nationwide</p>			
APRON AND TAXIWAYS RECONSTRUCTION		PROPOSED CROSS-SECTIONS FOR APRON STA. 5+00 TO STA. 5+25	
26 26 of 41 sheets			
IL PROJ.: VLA-3432		A.I.P. PROJ.: 3-17-0102-B8	



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DATE	REVISION	BY

VANDALIA MUNICIPAL AIRPORT
 VANDALIA, ILLINOIS

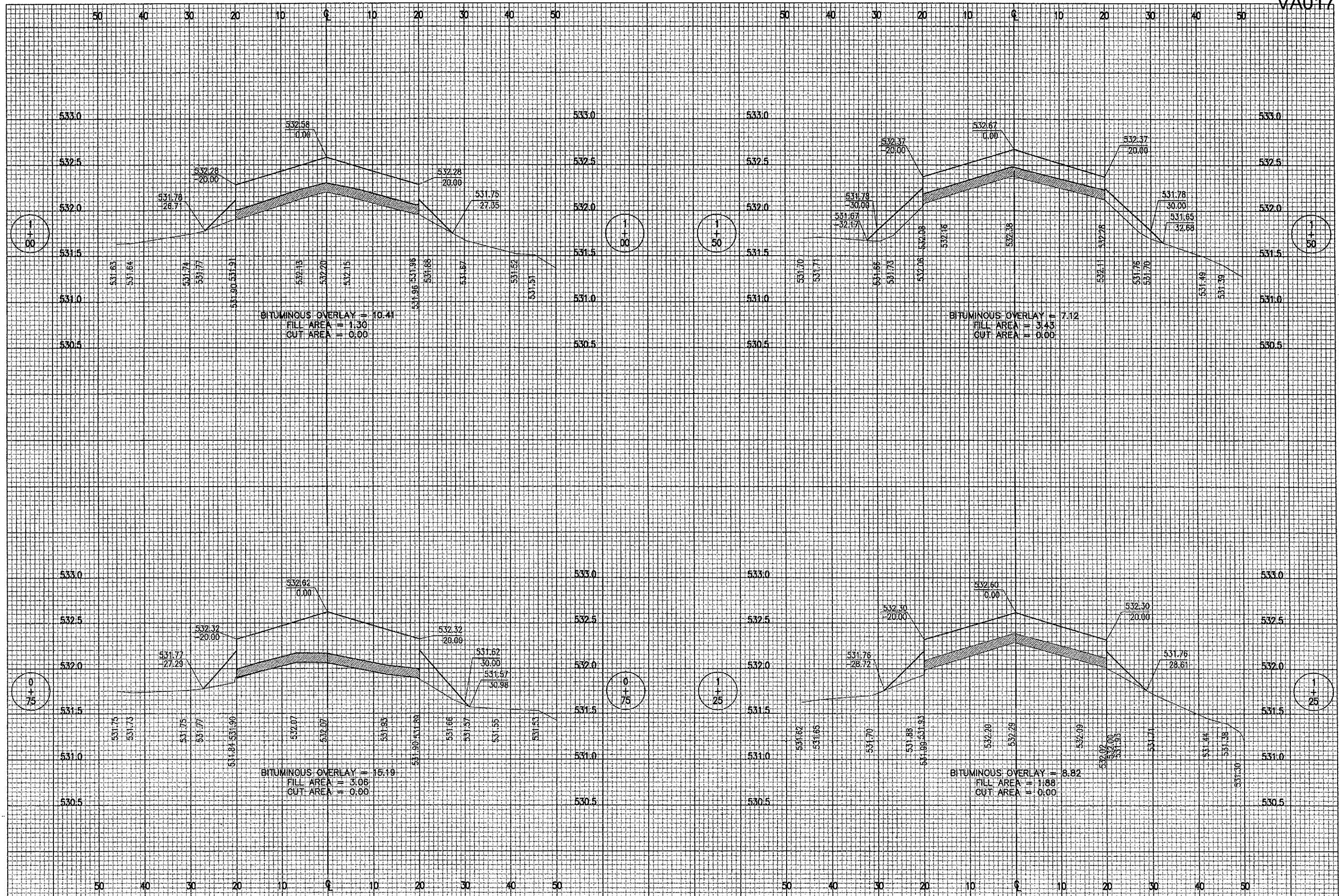
IL PROJ.: VLA-3432 A.I.P. PROJ.: 3-17-0102-88

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APRON AND TAXIWAYS
 RECONSTRUCTION

PROPOSED CROSS-SECTIONS
 FOR APRON
 STA. 5+50 TO STA. 5+63



DATE	REVISION	BY

VANDALIA MUNICIPAL AIRPORT
 VANDALIA, ILLINOIS

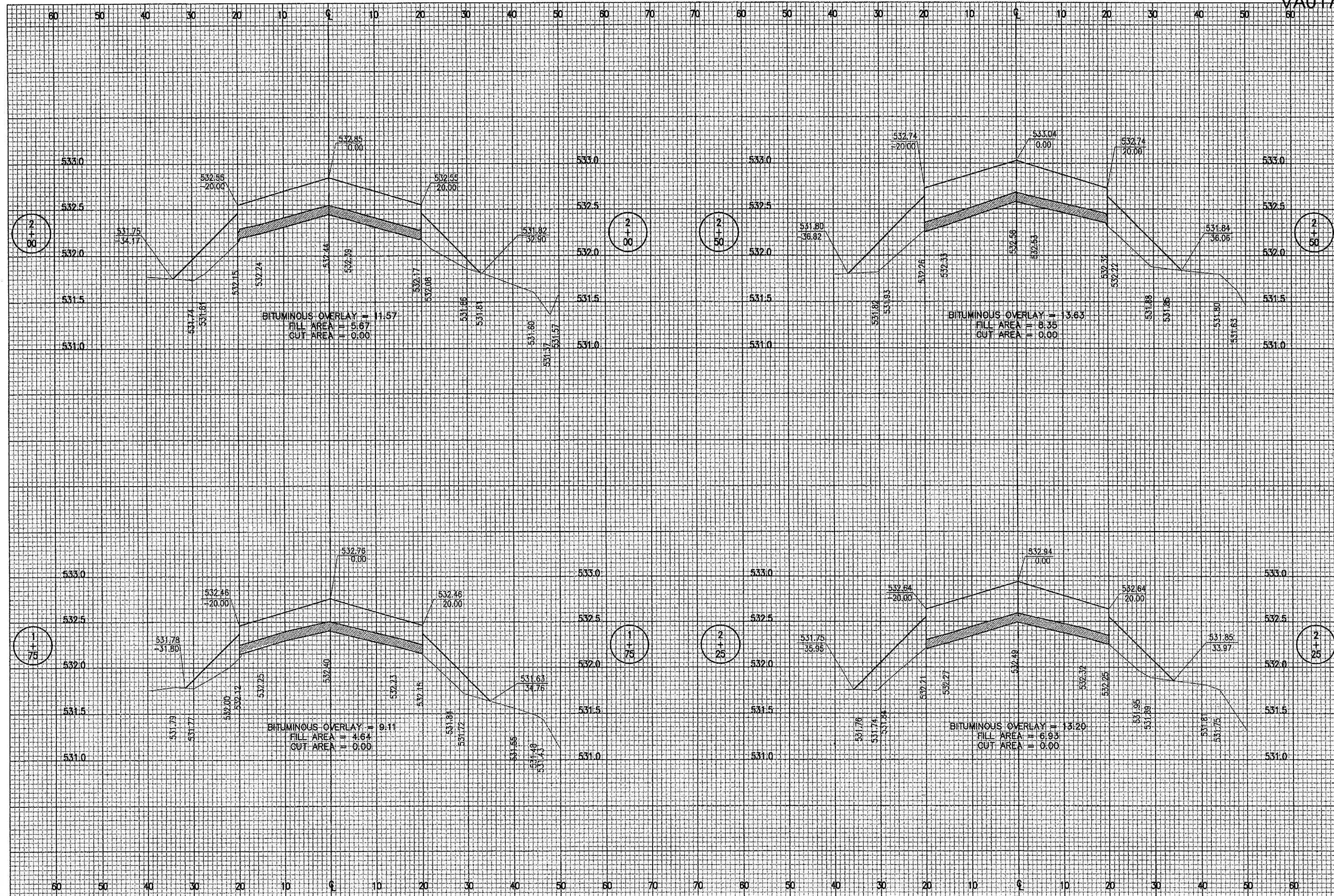
IL. PROJ.: VLA-3432 A.I.P. PROJ.: 3-17-0102-B8

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Hanson Professional Services Inc.
 10240 W. 111th St. #203-286
 Springdale, MN 55106
 Offices Nationwide

APRON AND TAXIWAYS
 RECONSTRUCTION
 PROPOSED CROSS-SECTIONS
 FOR TAXIWAY "A"
 STA. 0+75 TO STA. 1+50



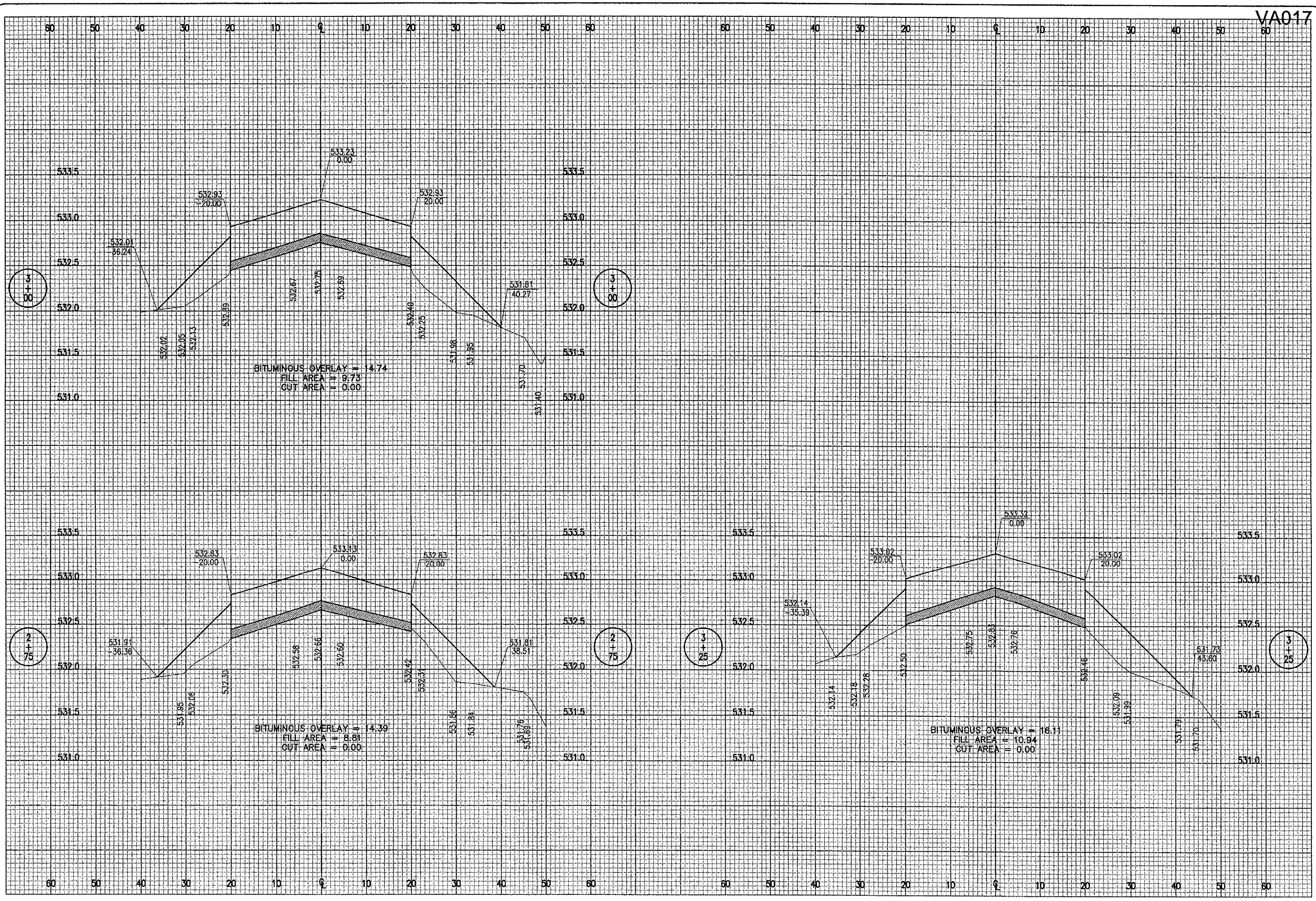
DATE	REVISION	BY

VANDALIA MUNICIPAL AIRPORT
 VANDALIA, ILLINOIS
 I.L. PROJ.: VLA-3432
 A.I.P. PROJ.: 3-17-0102-88

Project No.	830-05APND-0800
Element	R-303XS-A.DWG
Scale	H. 1"=10' V. 1"=0.5'
Date	04/13/05
LAYOUT	BKB 04/13/05
DRAWN	MDR 04/13/05
REVIEWED	CAH 05/06/05



APRON AND TAXIWAYS
 RECONSTRUCTION
 PROPOSED CROSS-SECTIONS
 FOR TAXIWAY "A"
 STA. 1+75 TO STA. 2+50



DATE	REVISION	BY

VANDALIA MUNICIPAL AIRPORT
 VANDALIA, ILLINOIS

IL PROJ.: VLA-3432 A.I.P. PROJ.: 3-17-0102-BB

DATE	BY	REVIEWED
04/13/05	BKB	CAH
04/13/05	MDR	
05/09/05		

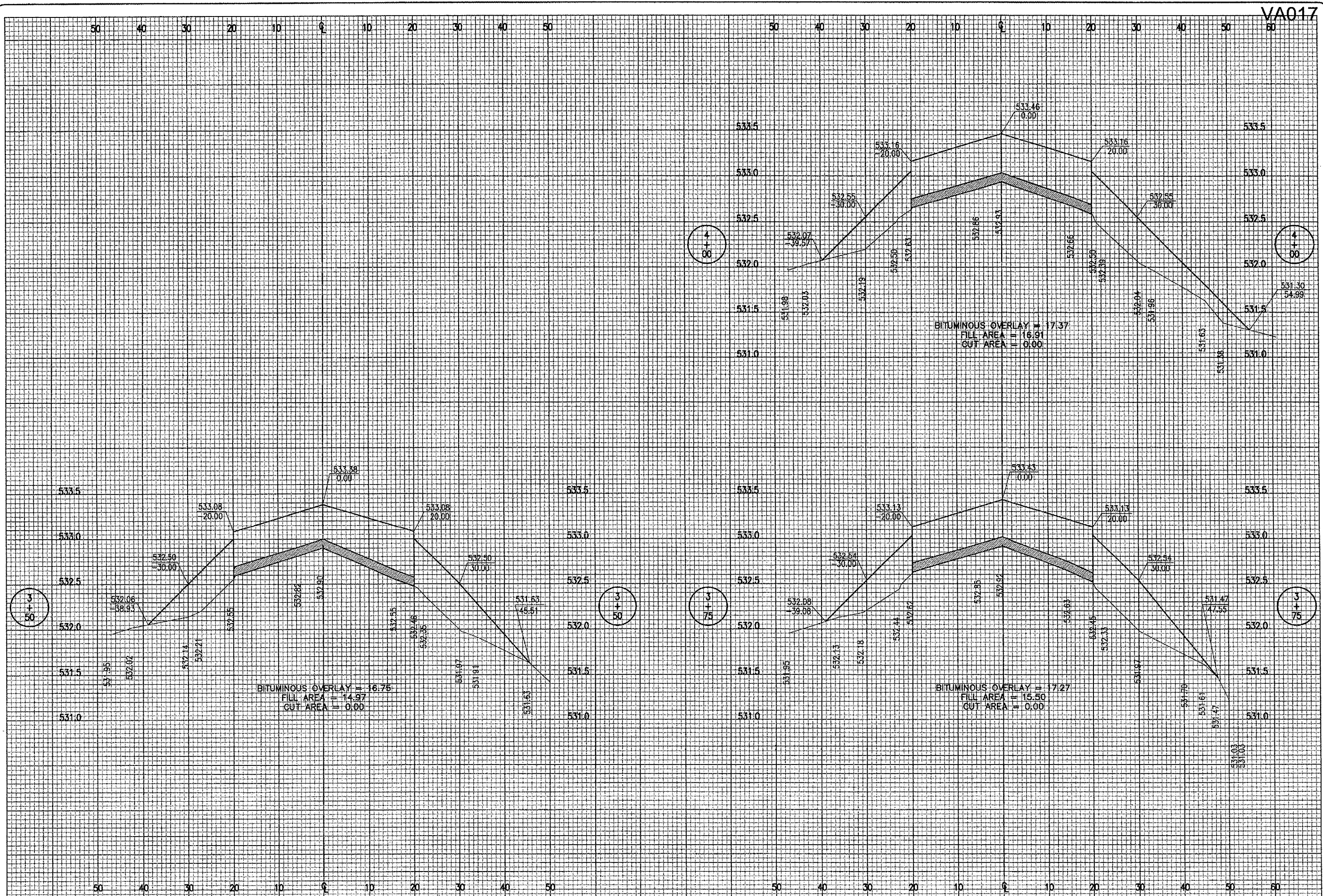
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 Scale: H. 1" = 10' V. 1" = 0.5'
 Date: 04/13/05



APRON AND TAXIWAYS
 RECONSTRUCTION
 PROPOSED CROSS-SECTIONS
 FOR TAXIWAY "A"
 STA. 2+75 TO STA. 3+25

JUL 13, 2005 10:05 AM BAK
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VA017



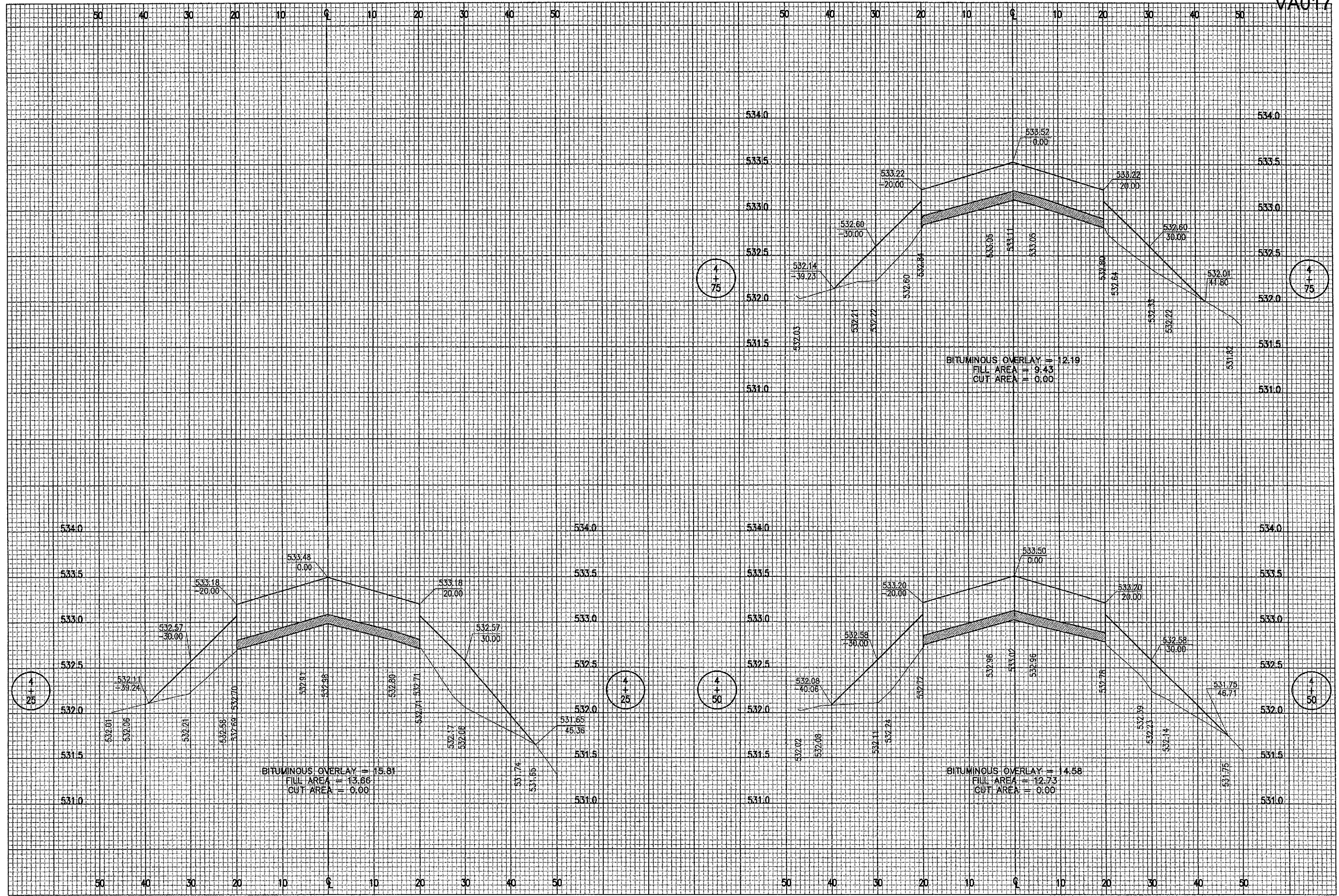
DATE	REVISION	BY

VANDALIA MUNICIPAL AIRPORT
 VANDALIA, ILLINOIS
 I.L. PROJ.: VLA-3432 A.L.P. PROJ.: 3-17-0102-88

FILE PROJECT NO. 830-05APND-0800	LAYOUT	BXG	04/13/05
FILENAME R-305XS-A.DWG	DRAWN	MDR	4/13/05
SCALE H. 1" = 10' V. 1" = 0.5'	REVIEWED	CAH	05/09/05
DATE 04/13/05			



APRON AND TAXIWAYS
 RECONSTRUCTION
 PROPOSED CROSS-SECTIONS
 FOR TAXIWAY "A"
 STA. 3+50 TO STA. 4+00



DATE	REVISION	BY

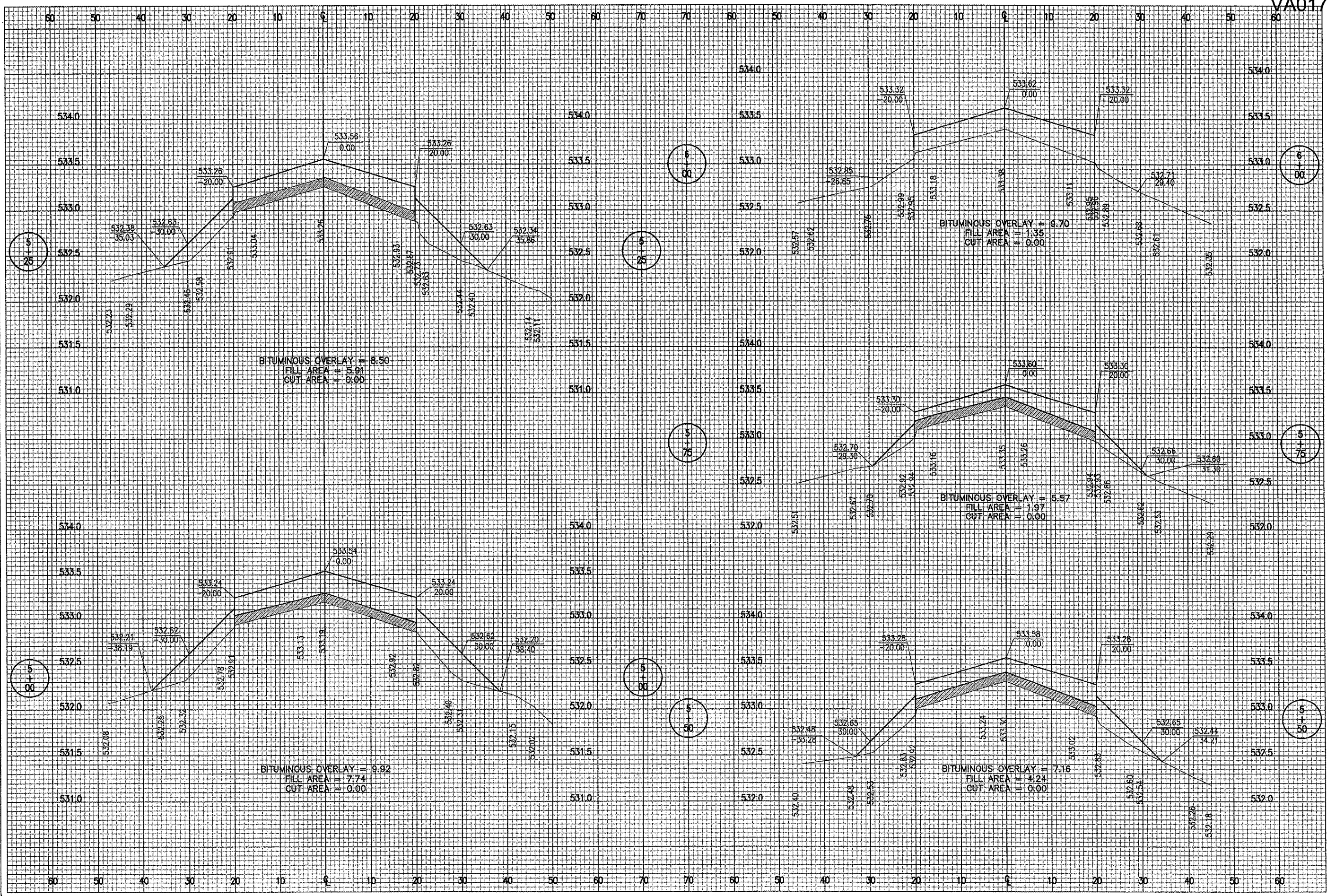
VANDALIA MUNICIPAL AIRPORT
 VANDALIA, ILLINOIS

IL PROJ.: VJA-3432 A.I.P. PROJ.: 3-17-0102-88

IPI Project No. 830-05APND-0800 File Name: R-306XS-A.DWG Scale: H, 1"=10' V, 1"=0.5' Date: 04/13/05	LAYOUT DRAWN REVIEWED	BKB BAK CAH	04/13/05 04/13/05 05/09/05
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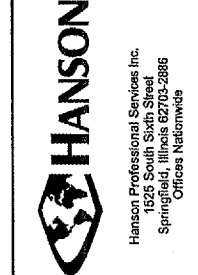
APRON AND TAXIWAYS
 RECONSTRUCTION
 PROPOSED CROSS-SECTIONS
 FOR TAXIWAY 'A'
 STA. 4+25 TO STA. 4+75



DATE	REVISION	BY

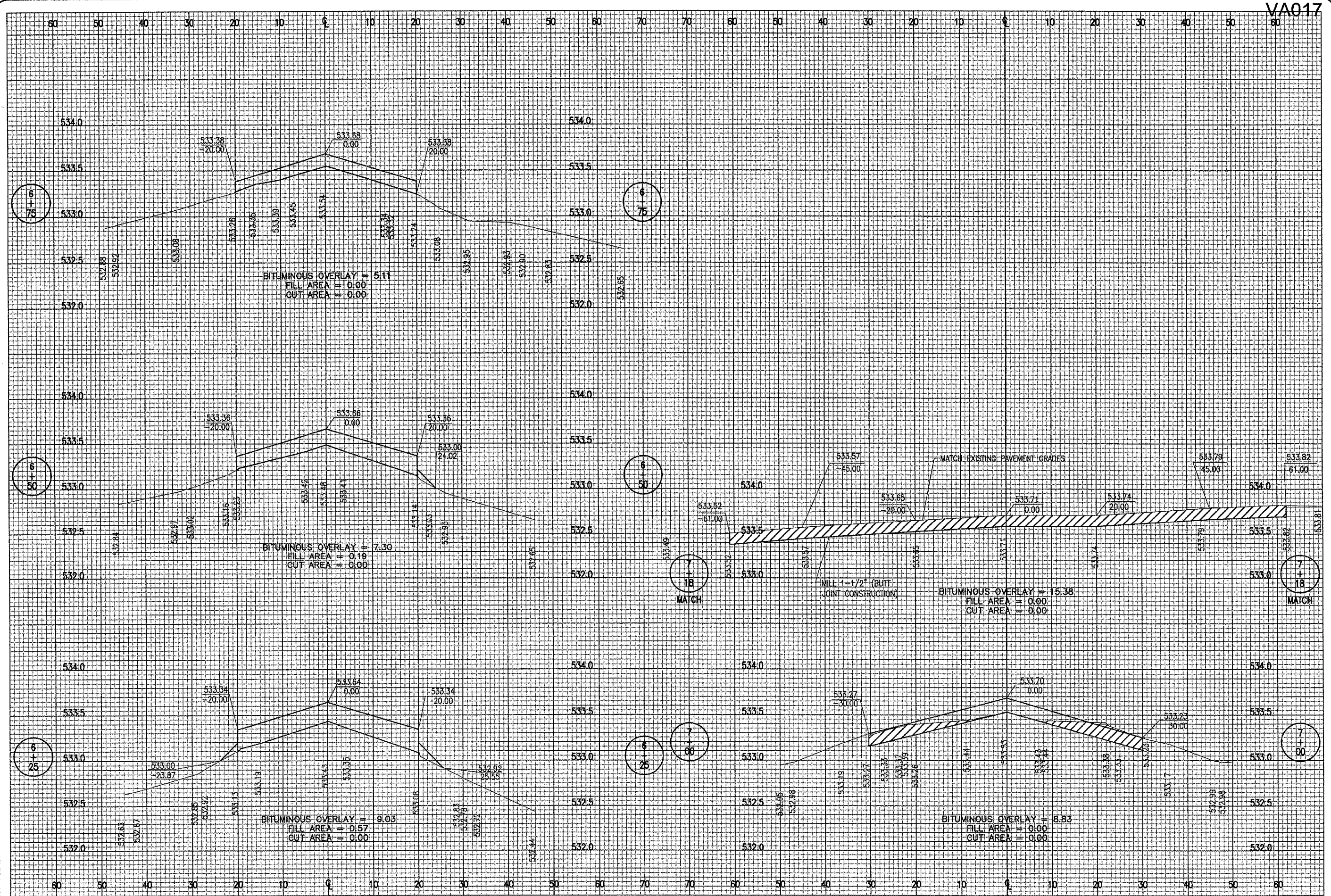
VANDALIA MUNICIPAL AIRPORT
 VANDALIA, ILLINOIS
 ILL. PROJ.: VLA-3432 A.I.P. PROJ.: 3-17-0102-88

ILL. Project No. 830-05APND-0800 Estimate R-307XS-A.DWG Scale H. 1" = 10' V. 1" = 0.5' Date 04/14/05	LAYOUT BKB 04/14/05 DRAWN MDR 04/14/05 REVIEWED CAH 05/09/05
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APRON AND TAXIWAYS
 RECONSTRUCTION
 PROPOSED CROSS-SECTIONS
 FOR TAXIWAY "A"
 STA. 5+00 TO STA. 6+00

VA017



DATE	REVISION	BY

VANDALIA MUNICIPAL AIRPORT
 VANDALIA, ILLINOIS

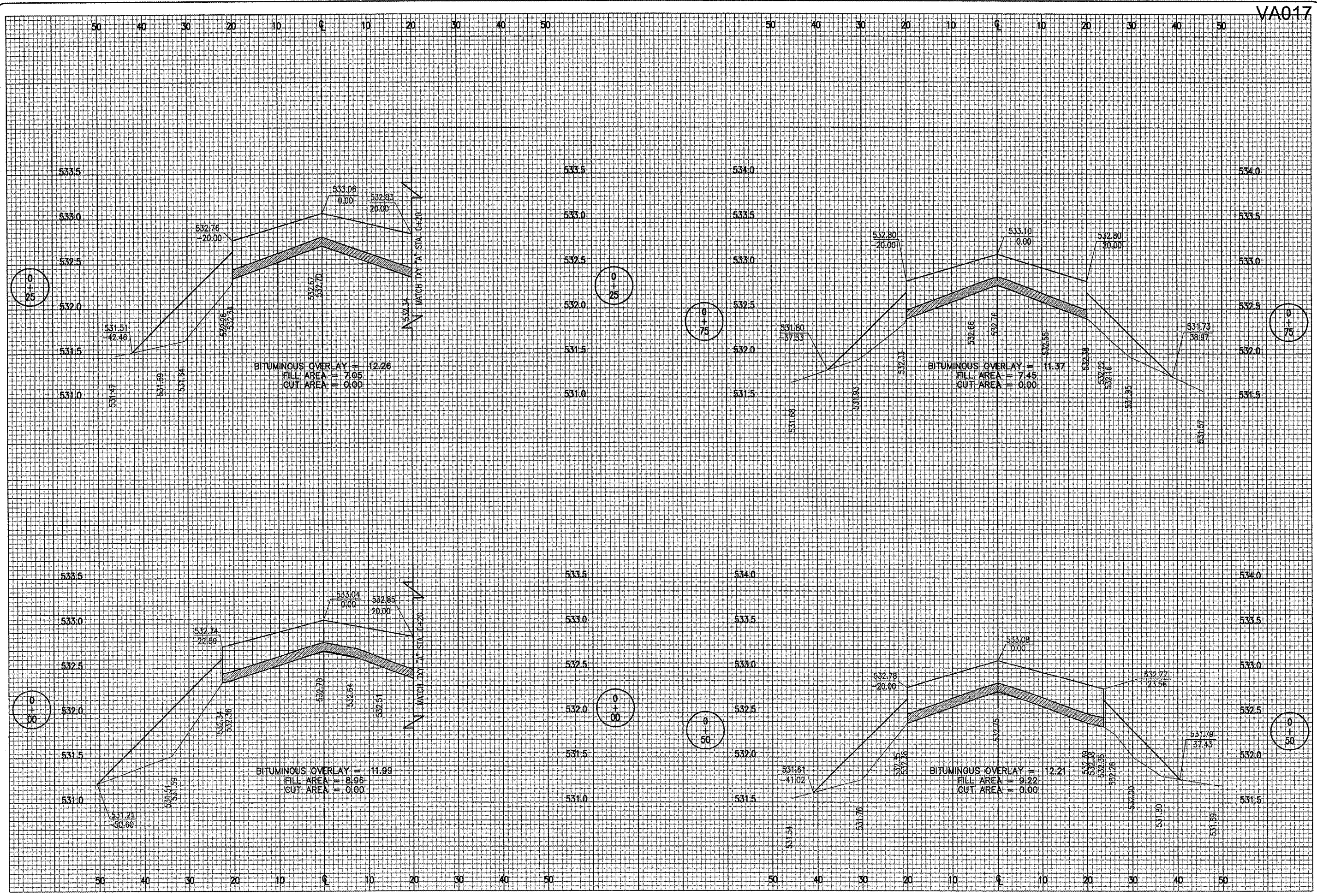
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APRON AND TAXIWAYS
 RECONSTRUCTION

PROPOSED CROSS-SECTIONS
 FOR TAXIWAY "A"
 STA. 6+25 TO STA. 7+18

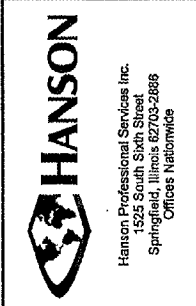


DATE	REVISION	BY

VANDALIA MUNICIPAL AIRPORT
 VANDALIA, ILLINOIS
 I.L. PROJ.: VLA-3432
 A.I.P. PROJ.: 3-17-0102-B8

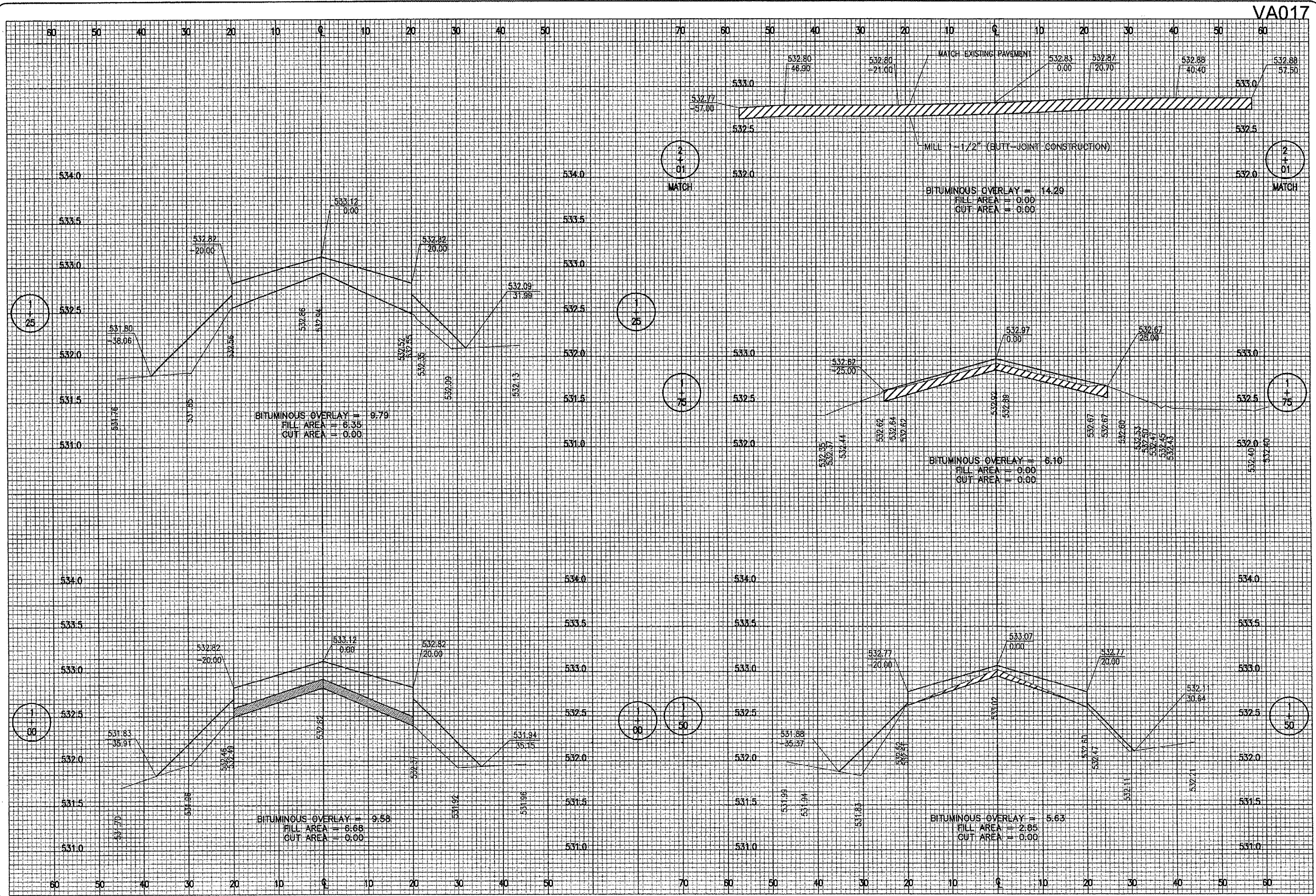
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DRAWN	MDR	04/22/05
REVIEWED	CAH	05/09/05

H.E. Project No. 830-05APND-0800
 Filename: R-309XS-B.DWG
 Scale: H. 1" = 10' V. 1" = 0.5'
 Date: 04/22/05



APRON AND TAXIWAYS
 RECONSTRUCTION
 PROPOSED CROSS-SECTIONS
 FOR TAXIWAY "B"
 STA. 0+00 TO STA. 0+75

JUL 13, 2005 10:07 AM BAK
 I:\AIRPORTS\VANDALIA\B30-05APR\AIRPORT\SHEETS\R-310XS-B.DWG - STA. 1+00 TO STA. 2+01



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VANDALIA MUNICIPAL AIRPORT
 VANDALIA, ILLINOIS

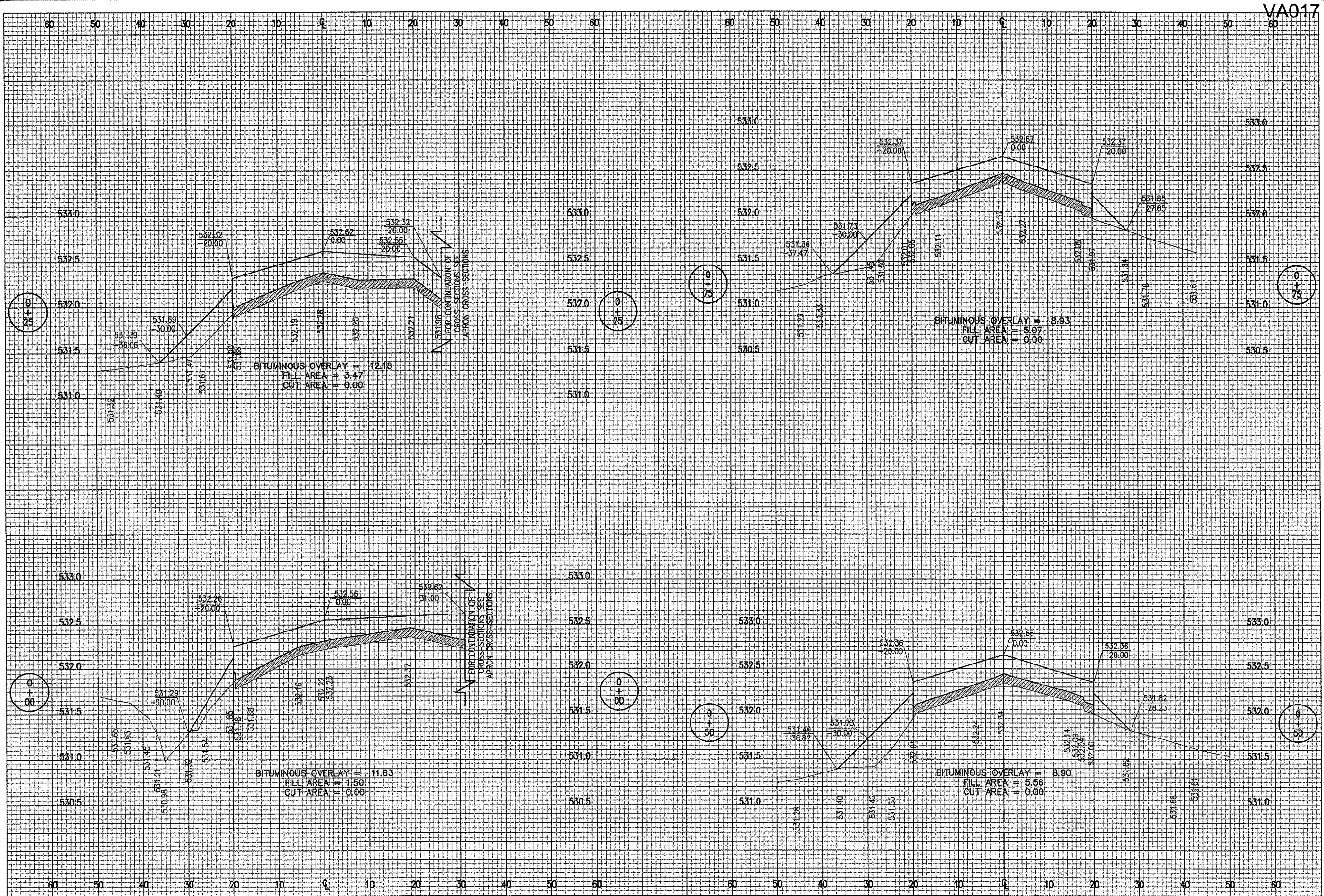
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HEI Project No. 630-05APND-0800	Element R-310XS-B.DWG
Scale H, 1" = 10' V, 1" = 0.5'	Date 04/25/05
LAYOUT BKB	04/25/05
DRAWN MDR	04/25/05
REVIEWED CAH	05/09/05



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 1525 South Sixth Street
 Springfield, Illinois 62703-2886
 Offices Nationwide

APRON AND TAXIWAYS
 RECONSTRUCTION
 PROPOSED CROSS-SECTIONS
 FOR TAXIWAY "B"
 STA. 1+00 TO STA. 2+01



DATE	REVISION	BY

VANDALIA MUNICIPAL AIRPORT
 VANDALIA, ILLINOIS

IL PROJ.: VJA-3432 A.I.P. PROJ.: 3-17-0102-88

H.E. Project No. 830-05APND-0800 Filename R-311XS-C.DWG Scale H. 1" = 10' V. 1" = 0.5' Date 04/25/05	LAYOUT DRAWN REVIEWED	BKJ MDR CAH	04/25/05 04/25/05 05/05/05
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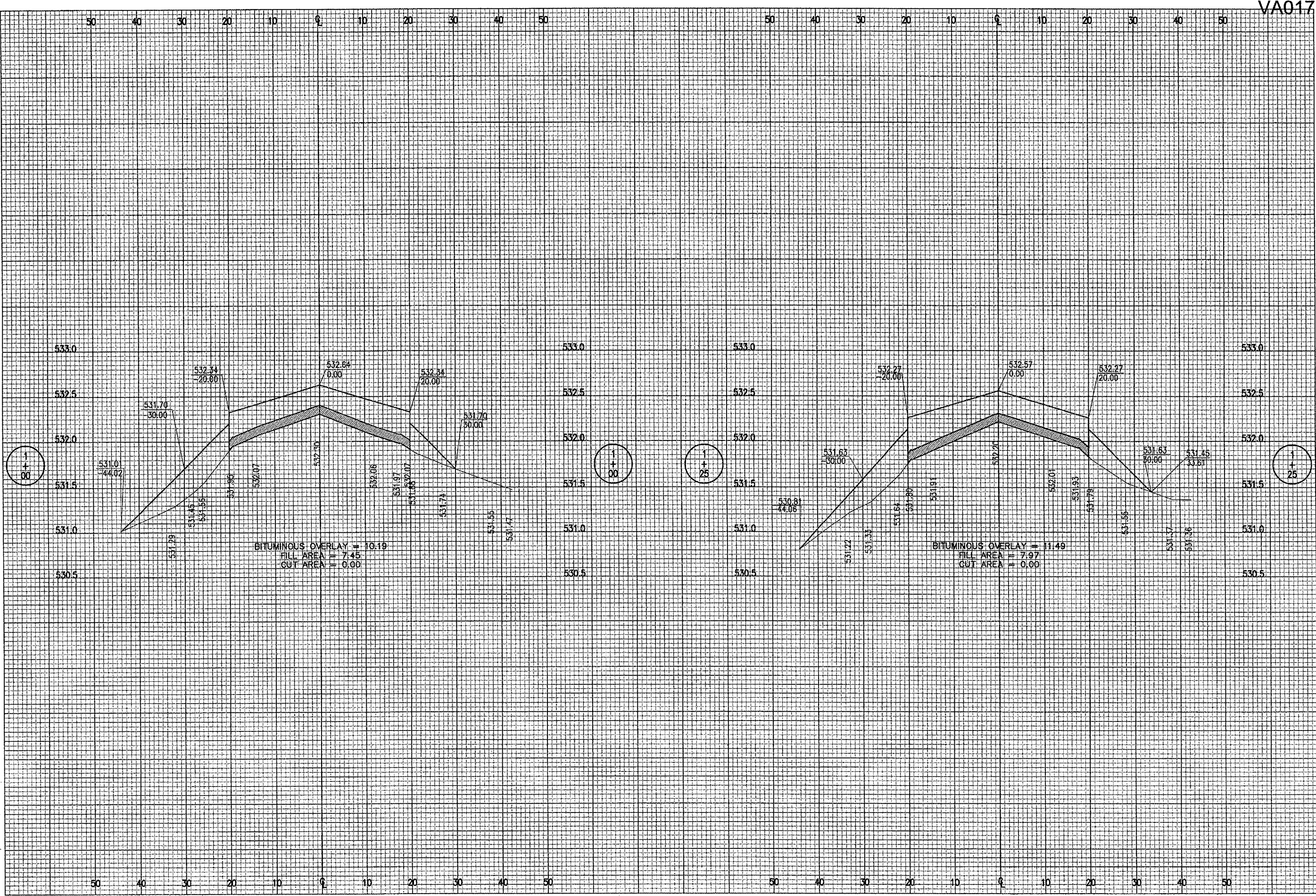


Hanson Professional Services Inc.
 1525 South Sixth Street
 Springfield, Illinois 62705-2886
 Offices Nationwide

APRON AND TAXIWAY
 RECONSTRUCTION
 PROPOSED CROSS-SECTIONS
 FOR TAXIWAY "C"
 STA. 0+00 TO STA. 0+75

JUL 13 2005 10:08 AM BAK
 I:\AIRPORTS\VANDALIA\530-05APN\AIRPORT\SHEETS\R-312XS-C.DWG - STA. 1+00 TO STA. 1+25

VA017



DATE	REVISION	BY

VANDALIA MUNICIPAL AIRPORT
 VANDALIA, ILLINOIS
 I.L. PROJ.: VA-3432 A.I.P. PROJ.: 3-17-0102-88

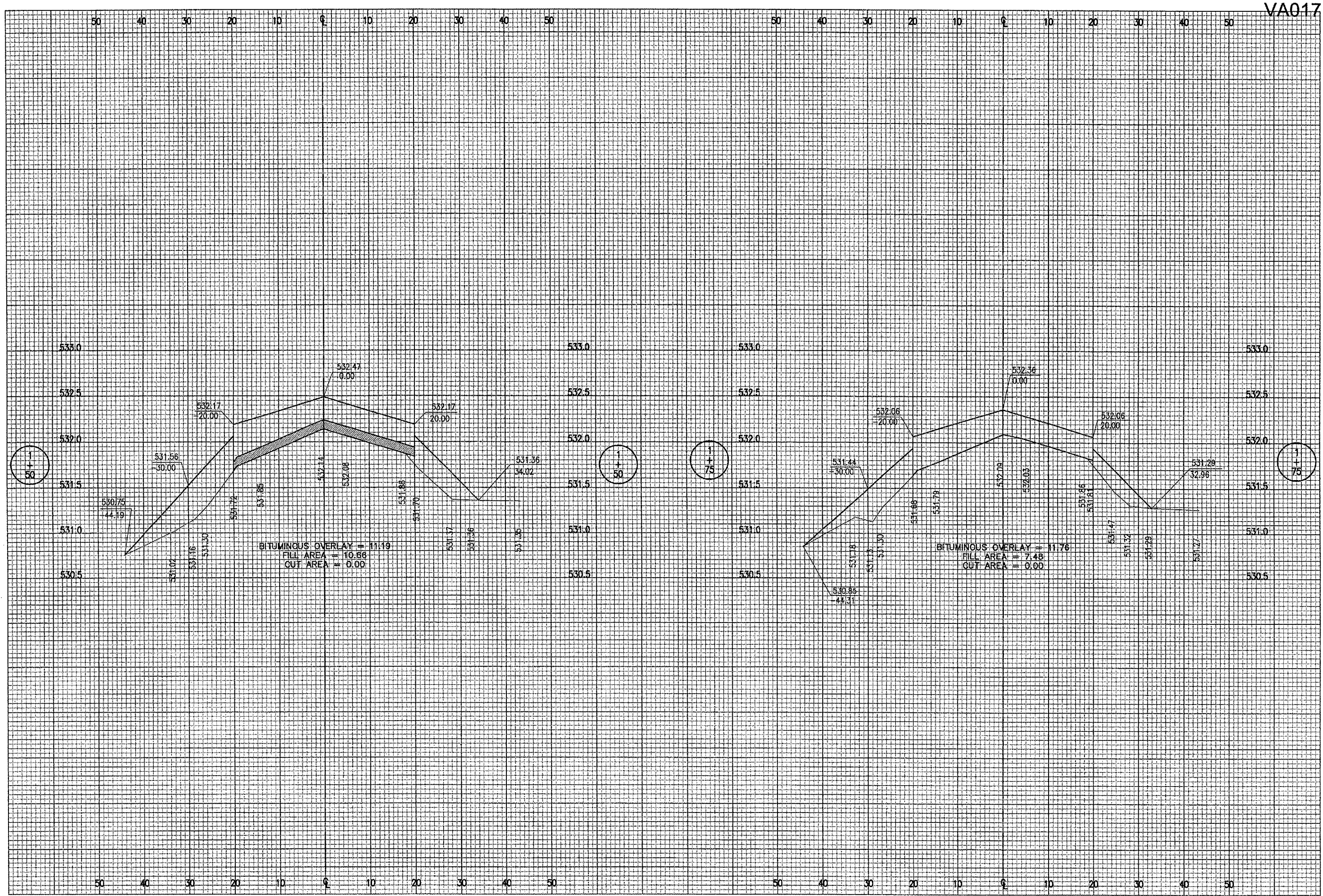
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APRON AND TAXIWAYS
 RECONSTRUCTION
 PROPOSED CROSS-SECTIONS
 FOR TAXIWAY "C"
 STA. 1+00 TO STA. 1+25

JUL 13, 2005 10:08 AM BAK
 I:\AIRPORTS\VANDALIA\830-05APN\AIRPORT\SHEETS\R-31.3XS-C.DWG - STA. 1+50 TO STA. 1+75

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VANDALIA MUNICIPAL AIRPORT
 VANDALIA, ILLINOIS

IL PROJ.: VLA-3432 / A.I.P. PROJ.: 3-17-0102-88

I.E. Project No. 830-05APND-0800 Filename R-31.3XS-C.DWG Scale H. 1" = 10' V. 1" = 0.5' Date 04/25/05	LAYOUT BKB 04/25/05 DRAWN MDR 04/25/05 REVIEWED CAH 05/09/05
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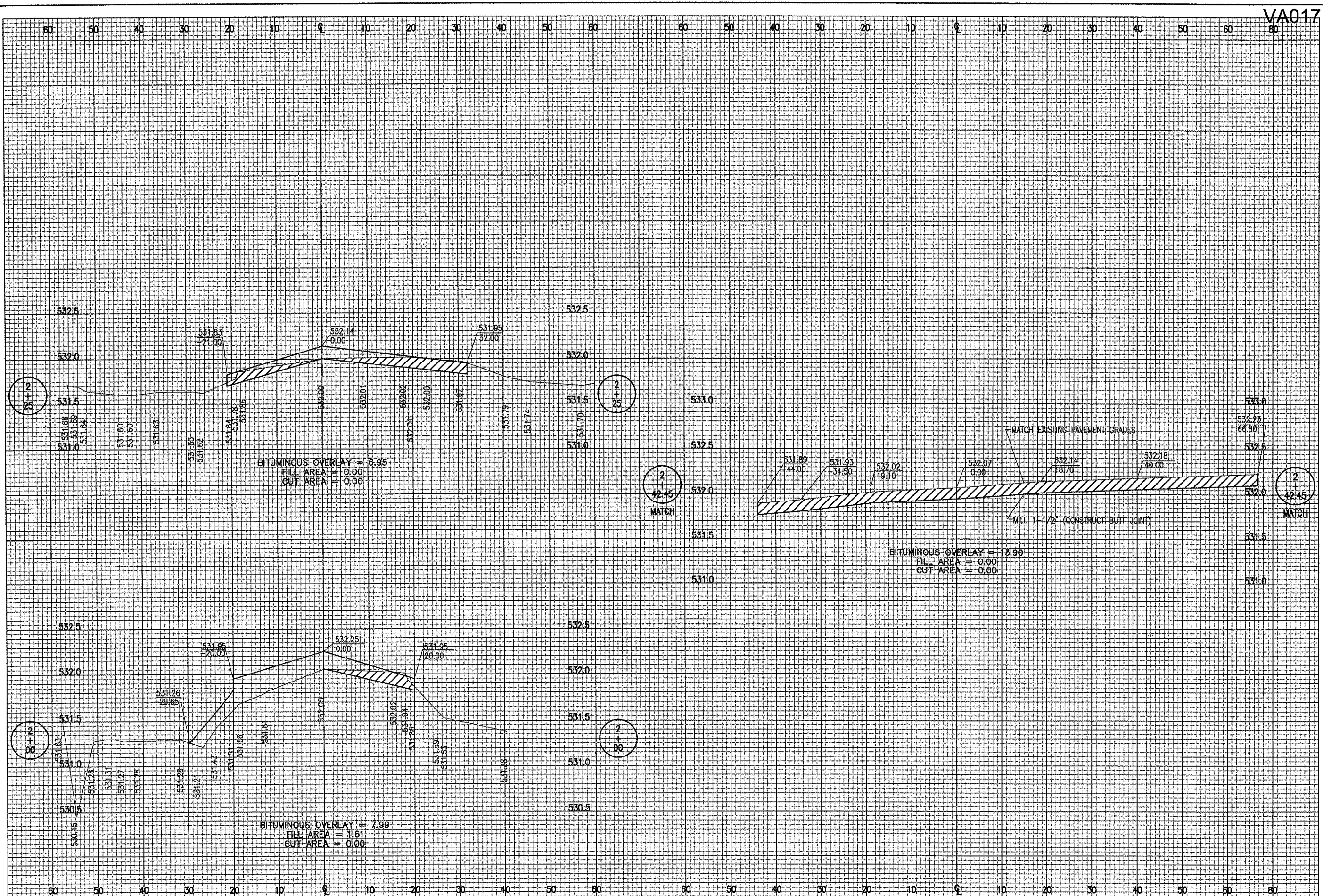


APRON AND TAXIWAY
 RECONSTRUCTION

PROPOSED CROSS-SECTIONS
 FOR TAXIWAY "C"
 STA. 1+50 TO STA. 1+75

JUL 13, 2005 10:09 AM BAK
 I:\AIRPORTS\VANDALIA\B30-05APN\AIRPORT\ SHEETS\R-314XS-C.DWG - STA. 2+00 TO STA. 2+42.45

VA017



DATE	REVISION	BY

VANDALIA MUNICIPAL AIRPORT
 VANDALIA, ILLINOIS

IL PROJ.: VLA-3432 A.I.P. PROJ.: 3-17-0102-BB

I.E. Project No. 830-05APND-0800 Scheme R-314XS-C.DWG Scale H. 1" = 10' V. 1" = 0.5' Date 04/25/05	LAYOUT BKB 04/25/05 DRAWN MDR 04/25/05 REVIEWED BKB 05/09/05
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APRON AND TAXIWAY
 RECONSTRUCTION

PROPOSED CROSS-SECTIONS
 FOR TAXIWAY "C"
 STA. 2+00 TO STA. 2+42.45