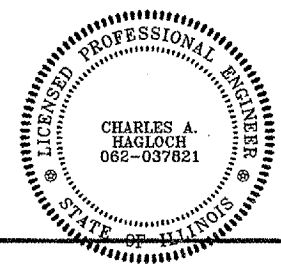


# CONSTRUCTION PLANS FOR DEKALB TAYLOR MUNICIPAL AIRPORT

## DEKALB, DEKALB COUNTY, ILLINOIS

### REMOVE AND REGRADE RUNWAY END 2, EXTEND TAXIWAY "A", WIDEN TAXIWAY "A" & "C"

THIS WORK SHALL CONSIST OF THE PERMANENT RELOCATION OF THE RUNWAY END 2 THRESHOLD; REMOVE AND REPLACE TAXIWAY C-1; RE-GRADING OF THE RUNWAY END 2 SAFETY AREA; GRADING OF THE CRITICAL AREA FOR THE PROPOSED GLIDE SLOPE; CONSTRUCTION OF ACCESS ROADS FOR THE PROPOSED MALSR AND GLIDE SLOPE; WIDEN TAXIWAY C AND PART OF TAXIWAY A; EXTENSION OF TAXIWAY A FROM TAXIWAY C TO RUNWAY END 27.



PLANS PREPARED BY:

Submitted by: *Charles A. Hagloch* ENG'R  
Date Submitted: APRIL 14, 2006  
Lic. Exp. Date: NOVEMBER 30, 2007

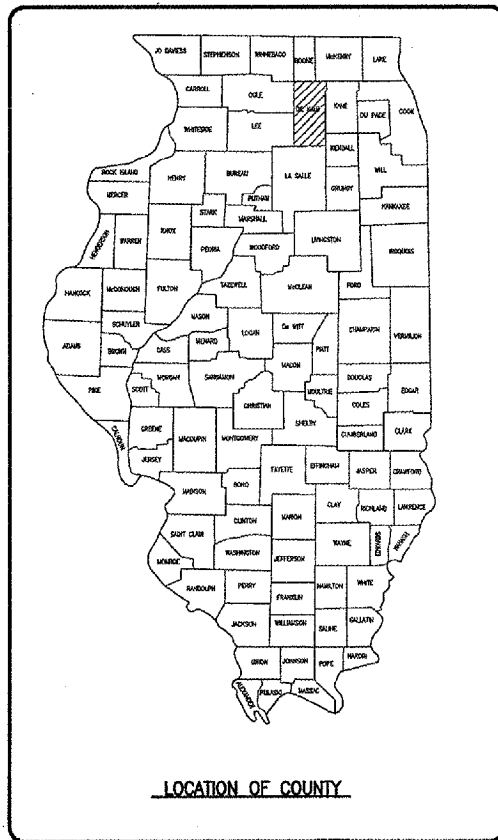
PLANS PREPARED BY:

Submitted by: *Kevin N. Lightfoot* ENG'R  
Date Submitted: APRIL 14, 2006  
Lic. Exp. Date: NOVEMBER 30, 2007

CITY OF DEKALB

Approved: *Joel Maurer*  
JOEL MAURER - CITY ENGINEER  
Date: 4-13-06

Approved: *Tom Cleveland*  
TOM CLEVELAND - AIRPORT MANAGER  
Date: 4-14-06



LOCATION OF COUNTY



LOCATION MAP

ILL. PROJ. DKB-3448  
AIP PROJ. 3-17-0139-B43

LATITUDE: 41° 55' 48"  
LONGITUDE: 88° 42' 48"  
ELEVATION: 911.0' M.S.L.

DATE: APRIL 14, 2006



COVERING ELECTRICAL  
DESIGN  
SHEETS 24  
THROUGH 31

DATE	REVISION	BY

DEKALB TAYLOR MUNICIPAL AIRPORT  
AIP PROJ.: 3-17-0139-B43  
ILL. PROJ.: DKB-3448

80305TXAD_0800	12/28/05
R-001CVR.DWG	12/28/05
NIS	CAH
12/28/05	12/30/05
LAYOUT	MDR
DRAWN	MDR
REVIEWED	CAH

Hanson Professional Services Inc.  
1825 South State Street  
Springfield, Illinois 62702-2886  
Offices Nationwide

DEKALB AIRPORT  
IMPROVEMENTS

COVER SHEET

1  
1 of 224 sheets

APR 13, 2006 3:06 PM CAH  
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102	PROPOSED CROSS-SECTIONS FOR TAXIWAY "A" STA. 141+00
103	PROPOSED CROSS-SECTIONS FOR TAXIWAY "A" STA. 141+50
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118	PROPOSED CROSS-SECTIONS FOR RWY 9-27 LEFT BASELINE STA. 135+50
119	PROPOSED CROSS-SECTIONS FOR RWY 9-27 LEFT BASELINE STA. 136+00
120	PROPOSED CROSS-SECTIONS FOR RWY 9-27 LEFT BASELINE STA. 136+50 TO STA. 137+00
121	PROPOSED CROSS-SECTIONS FOR RWY 9-27 LEFT BASELINE STA. 137+50 TO STA. 138+00
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132	PROPOSED CROSS-SECTIONS FOR GLIDE SLOPE ROAD STA. 119+50 TO STA. 120+50
133	PROPOSED CROSS-SECTIONS FOR GLIDE SLOPE ROAD STA. 121+00 TO STA. 121+50
134	PROPOSED CROSS-SECTIONS FOR GLIDE SLOPE ROAD STA. 122+00 TO STA. 122+50
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144	PROPOSED STAKING PLAN STA. 116+00 TO STA. 150+00
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149	EXISTING ELECTRICAL PLAN STA. 111+00 TO STA. 116+00
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156	EXISTING MARKING REMOVAL PLAN STA. 116+00 TO STA. 152+00
157	PROPOSED MARKING PLAN STA. 100+00 TO STA. 111+00
158	PROPOSED MARKING PLAN STA. 111+00 TO STA. 116+00
159	PROPOSED MARKING PLAN STA. 116+00 TO STA. 152+00
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162	PROPOSED CROSS-SECTIONS FOR TAXIWAY "A" STA. 123+93.82 TO STA. 124+43.82
163	PROPOSED CROSS-SECTIONS FOR TAXIWAY "A" STA. 124+93.82 TO STA. 125+43.82
164	PROPOSED CROSS-SECTIONS FOR TAXIWAY "A" STA. 125+93.82 TO STA. 126+43.82
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182	PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 115+50.00
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188	PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 120+50.00 TO STA. 121+00.00
189	PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 121+50.00 TO STA. 122+00.00
190	PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 122+45.00
191	PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 123+00.00
192	PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 123+50.00
193	PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 124+00.00 TO STA. 124+50.00
194	PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 125+00.00 TO STA. 125+50.00
195	PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 126+00.00 TO STA. 126+50.00
196	PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 127+00.00 TO STA. 128+00.00
197	PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 128+50.00 TO STA. 129+50.00
198	PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 130+00.00 TO STA. 130+50.00
199	PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 131+00.00 TO STA. 131+50.00
200	PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 132+00.00 TO STA. 132+50.00
201	PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 133+00.00 TO STA. 133+50.00
202	PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 134+00.00 TO STA. 134+50.00
203	PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 135+00.00 TO STA. 136+00.00
204	PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 136+50.00 TO STA. 137+50.00
205	PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 138+00.00 TO STA. 139+00.00
206	PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 139+50.00 TO STA. 140+50.00
207	PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 141+00.00 TO STA. 141+50.00
208	PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 142+00.00 TO STA. 142+50.00
209	PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 143+00.00 TO STA. 143+50.00
210	PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 144+00.00 TO STA. 144+50.00
211	PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 145+00.00 TO STA. 145+50.00
212	PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 146+00.00 TO STA. 146+50.00
213	PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 147+00.00
214	PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 147+50.00
215	PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 148+00.00
216	PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 148+50.00
217	PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 149+00.00
218	PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 149+50.00
219	PROPOSED CROSS-SECTIONS FOR TAXIWAY "C" STA. 150+00.00
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221	PROPOSED ELECTRICAL DETAILS
222	PROPOSED ELECTRICAL DETAILS
223	PROPOSED ELECTRICAL NOTES
224	PROPOSED ELECTRICAL NOTES

DK050

DATE		REVISION			
BY		DATE		BY	
<b>DIMAX</b> DEKALB TAYLOR MUNICIPAL AIRPORT					
AIR PROJ.: 3-17-0139-B43 IL PROJ.: DKB-3448					
PLS. Project No. 803051XAD_0800 Filename: R-001.FLP.DWG Scale: N/A Date: 12/27/05					
LAYOUT	MOR	MOR	MOR	MOR	MOR
DRAWN	MOR	MOR	MOR	MOR	MOR
REVIEWED	CAH	CAH	CAH	CAH	CAH
<b>HANSON</b> Hanson Professional Services Inc. 1525 South Sixth Street Springfield, Illinois 62706-2888 Offices Nationwide					
DEKALB AIRPORT IMPROVEMENTS INDEX OF SHEETS					
2					
2 of 224 sheets					



### SUMMARY OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	RWY END 2 REMOVAL QUANTITIES	TWY A & C WIDENING QUANTITIES	TWY A QUANTITIES	TOTAL QUANTITIES	AS BUILT QUANTITIES
AR108158	1/C #8 5 KV UG CABLE IN UD	L.F.	1,457	7,014	6,092	14,563	
AR108554	2/C #4 600 V UG CABLE IN UD	L.F.	0	0	1,091	1,091	
AR108558	2/C #8 600 V UG CABLE IN UD	L.F.	251	0	0	251	
AR110014	4" DIRECTIONAL BORE	L.F.	560	0	0	560	
AR110502	2-WAY CONCRETE ENCASED DUCT	L.F.	56	0	153	209	
AR110504	4-WAY CONCRETE ENCASED DUCT	L.F.	280	0	0	280	
AR110552	EXTEND 2-WAY DUCT	L.F.	0	66	0	66	
AR110554	EXTEND 4-WAY DUCT	L.F.	0	30	0	30	
AR110714	ELECTRIC MANHOLE 4'	EACH	3	0	0	3	
AR110900	REMOVE DUCT	L.F.	0	0	82	82	
AR125445	TAXI GUIDANCE SIGN, 5 CHARACTER	EACH	0	0	1	1	
AR125446	TAXI GUIDANCE SIGN, 6 CHARACTER	EACH	0	0	1	1	
AR125447	TAXI GUIDANCE SIGN, 7 CHARACTER	EACH	0	1	0	1	
AR125470	MODIFY EXISTING SIGN PANEL	EACH	0	0	1	1	
AR125565	SPLICE CAN	EACH	0	0	3	3	
AR125901	REMOVE STAKE MOUNTED LIGHT	EACH	2	0	2	4	
AR125902	REMOVE BASE MOUNTED LIGHT	EACH	2	1	1	4	
AR125904	REMOVE TAXI GUIDANCE SIGN	EACH	0	0	2	2	
AR125950	ADJUST PLASI	EACH	1	0	0	1	
AR125961	RELOCATE STAKE MOUNTED LIGHT	EACH	22	55	34	111	
AR125962	RELOCATE BASE MOUNTED LIGHT	EACH	2	7	2	11	
AR125964	RELOCATE TAXI GUIDANCE SIGN	EACH	1	3	2	6	
AR125967	RELOCATE REILS	PAIR	1	0	0	1	
AR125968	RELOCATE PAPI	EACH	1	0	0	1	
AR150510	ENGINEER'S FIELD OFFICE	L.S.	0	0	0	1	
AR150540	HAUL ROUTE	L.S.	0	0	0	1	
AR151450	CLEARING AND GRUBBING	ACRE	0.2	0	0	0.2	
AR152410	UNCLASSIFIED EXCAVATION	C.Y.	44,355	6,812	34,621	85,788	
AR152441	ON-SITE BORROW	C.Y.	1,126	0	2,976	4,102	
AR156510	SILT FENCE	L.F.	1,497	0	500	1,997	
AR156511	DITCH CHECK	EACH	0	0	2	2	
AR156513	SEPARATION FABRIC	S.Y.	5,948	9,833	6,078	21,859	
AR156520	INLET PROTECTION	EACH	2	1	3	6	
AR156521	HEADWALL PROTECTION	EACH	0	6	1	7	
AR156530	TEMPORARY SEEDING	ACRE	28.4	8.5	16.0	52.9	
AR156544	RIPRAP-GRADATION NO. 4	S.Y.	0	45	192	237	
AR161616	CLASS C GATE - 16'	EACH	1	0	0	1	
AR201610	BITUMINOUS BASE COURSE	TON	704	3,126	2,017	5,847	
AR201630	BITUMINOUS BASE TEST SECTION	EACH	0	1	0	1	
AR208540	OVERSIZED AGGREGATE	TON	802	3,604	2,311	6,717	
AR209510	CRUSHED AGGREGATE BASE COURSE	TON	2,718	3,219	2,871	8,808	
AR401610	BITUMINOUS SURFACE COURSE	TON	242	1,007	667	1,916	
AR401650	BITUMINOUS PAVEMENT MILLING	S.Y.	0	42	0	42	
AR401665	BITUMINOUS PAVEMENT SAWING	L.F.	0	5,568	0	5,568	
AR401900	REMOVE BITUMINOUS PAVEMENT	S.Y.	5,730	42	4,165	9,937	
AR602510	BITUMINOUS PRIME COAT	GAL.	761	4,682	2,119	7,562	
AR603510	BITUMINOUS TACK COAT	GAL.	613	2,719	1,754	5,086	
AR620520	PAVEMENT MARKING-WATERBORNE	S.F.	41,018	8,712	3,875	53,605	
AR620900	PAVEMENT MARKING REMOVAL	S.F.	0	8,029	46	8,075	
AR620912	TEMPORARY MARK & LIGHT	L.S.	0	0	0	1	
AR701518	18" RCP, CLASS IV	L.F.	0	53	0	53	
AR701524	24" RCP, CLASS IV	L.F.	0	0	402	402	
AR701530	30" RCP, CLASS IV	L.F.	0	26	303	329	
AR701536	36" RCP, CLASS IV	L.F.	0	67	136	203	
AR701548	48" RCP, CLASS IV	L.F.	0	0	116	116	
AR701612	12" RCP, CLASS V	L.F.	0	0	1,418	1,418	
AR701900	REMOVE PIPE	L.F.	0	0	180	180	
AR705410	POROUS BACKFILL	C.Y.	32	197	167	396	
AR705524	4" PERFORATED UNDERDRAIN W/SOCK	L.F.	876	5,307	2,644	8,827	
AR705546	6" NON PERFORATED UNDERDRAIN	L.F.	0	0	100	100	
AR705548	8" NON PERFORATED UNDERDRAIN	L.F.	0	0	100	100	
AR705550	10" NON PERFORATED UNDERDRAIN	L.F.	0	0	100	100	
AR705630	UNDERDRAIN INSPECTION HOLE	EACH	4	14	11	29	
AR705900	REMOVE UNDERDRAIN	L.F.	1,587	5,395	0	6,982	
AR705903	REMOVE UNDERDRAIN INSP. HOLE	EACH	5	10	9	24	
AR751411	INLET-TYPE B	EACH	0	0	1	1	
AR751540	MANHOLE 4'	EACH	0	0	1	1	
AR751944	ADJUST MANHOLE - PAVEMENT	EACH	0	0	2	2	
AR751945	ADJUST MANHOLE - NON PAVEMENT	EACH	0	0	5	5	
AR752430	PRECAST REINFORCED CONC. FES 30"	EACH	0	0	1	1	
AR752436	PRECAST REINFORCED CONC. FES 36"	EACH	0	0	4	4	
AR752618	CONCRETE HEADWALL 18"	EACH	0	2	0	2	

### SUMMARY OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	RWY END 2 REMOVAL QUANTITIES	TWY A & C WIDENING QUANTITIES	TWY A QUANTITIES	TOTAL QUANTITIES	AS BUILT QUANTITIES
AR752630	CONCRETE HEADWALL 30"	EACH	0	1	0	1	
AR752636	CONCRETE HEADWALL 36"	EACH	0	2	0	2	
AR752648	CONCRETE HEADWALL 48"	EACH	0	0	1	1	
AR752903	REMOVE HEADWALL	EACH	0	5	2	7	
AR770516	16" DUCTILE IRON SANITARY SEWER	L.F.	0	0	410	410	
AR770704	SANITARY MANHOLE 4'	EACH	0	0	1	1	
AR770905	REMOVE SANITARY MANHOLE	EACH	0	0	1	1	
AR770945	ADJUST SANITARY MANHOLE	EACH	0	0	1	1	
AR800405	INSTALL TEMPORARY LIGHTING	L.S.	0	0	0	1	
AR800429	FIELD TILE TRACING	EACH	0	0	6	6	
AR800463	FILED TILE REPAIR	EACH	0	0	6	6	
AR901510	SEEDING	ACRE	28.2	7.5	15.6	51.3	
AR901550	LIME AND FERTILIZER	ACRE	0	0	3.8	3.8	
AR908510	MULCHING	ACRE	28.1	6.6	15.2	49.9	
AR908520	EXCELSIOR BLANKET	S.Y.	947	4,771	2,149	7,867	

DK050

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BY	
REVISION	
DATE	

**DIMAX**  
DEKALB TAYLOR MUNICIPAL AIRPORT  
IL PROJ.: DKB-3448 AIP PROJ.: 3-17-0139-843

U.S. Project No. 80305TXAD 0800	
Envelope R-002.F.P.DWG	
Scale N/A	
Date 12/28/05	
LAYOUT MDR 12/25/05	
DRAWN MDR 12/28/05	
REVIEWED CAH 03/08/06	

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

DEKALB AIRPORT  
IMPROVEMENTS  
SUMMARY OF QUANTITIES

**SCOPE OF WORK**

THIS WORK SHALL CONSIST OF THE PERMANENT RELOCATION OF THE RUNWAY END 2 THRESHOLD; REMOVE AND REPLACE TAXIWAY C-1; RE-GRADING OF THE RUNWAY END 2 SAFETY AREA; GRADING OF THE CRITICAL AREA FOR THE PROPOSED GLIDE SLOPE; CONSTRUCTION OF ACCESS ROADS FOR THE PROPOSED MALSR AND GLIDE SLOPE; WIDEN TAXIWAY C AND PART OF TAXIWAY A; EXTENSION OF TAXIWAY A FROM TAXIWAY C TO RUNWAY END 27.

**BARRICADES AND TRAFFIC CONES**

IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE AND MAINTAIN BARRICADES, TRAFFIC CONES AND SIGNS AS SHOWN ON THE STAGING PLAN, DISPLACEMENT INSTALLATION PLANS AND AS DIRECTED BY THE RESIDENT ENGINEER. THE BARRICADES WILL BE EQUIPPED WITH RED STEADY BURN OR RED FLASHING LIGHTS. THE BARRICADES WILL HAVE A MAXIMUM HEIGHT OF 30 INCHES, INCLUSIVE OF THE LIGHT. THE BARRICADES, THEIR MAINTENANCE, PLACEMENT AND REMOVAL WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

**CONTRACTOR RESPONSIBILITIES**

THE CONTRACTOR'S EQUIPMENT PARKING AND STORAGE AREA WILL BE AS SHOWN ON THIS PROPOSED SAFETY PLAN. THE CONTRACTOR'S EMPLOYEES WILL PARK THEIR VEHICLES IN THIS AREA, AND ONLY CONTRACTOR VEHICLES REQUIRED FOR CONSTRUCTION WILL BE ALLOWED OUTSIDE THIS AREA.

AREA #1 WILL BE THE PRIMARY AREA FOR EQUIPMENT STORAGE DURING THE DEMOLITION AND CONSTRUCTION OF THE RUNWAY END 2 RELOCATION AND TAXIWAY "A" EXTENSION. VACATED PLEASANT STREET MAY BE USED FOR CONTINUOUS HAULING OPERATIONS TO THESE AREAS. AREA #2 WILL BE UTILIZED FOR TAXIWAY "A" AND "C" WIDENING CONSTRUCTION.

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

THE CONTRACTOR WILL BE REQUIRED TO LIMIT THE USE OF CONSTRUCTION EQUIPMENT ON ANY EXISTING PAVEMENTS. ONLY THAT EQUIPMENT NEEDED TO COMPLETE THE SPECIFIC WORK ON THE EXISTING PAVEMENTS WILL BE ALLOWED. NO EXCESSIVE TRAFFIC ACROSS THESE PAVEMENTS WILL BE PERMITTED. ANY DAMAGE TO EXISTING PAVEMENTS WILL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER AT NO ADDITIONAL COST TO THE CONTRACT.

**HAUL ROUTE AND EQUIPMENT PARKING**

THE DESIGNATED HAUL ROUTES WILL BE THE ONLY VEHICULAR ACCESS TO THE CONSTRUCTION SITE.

THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN THE PROPOSED HAUL ROUTES AND EQUIPMENT PARKING AND MATERIAL STORAGE AREAS THROUGHOUT THE COURSE OF THE PROJECT. ANY AREAS DAMAGED OUTSIDE OF THE DESIGNATED HAUL ROUTES AND EQUIPMENT PARKING AND MATERIAL STORAGE AREAS WILL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE. AT THE CONCLUSION OF THE PROJECT, THE CONTRACTOR WILL RESTORE THE HAUL ROUTES AND ADJACENT TURF AREAS WILL BE RESTORED TO THEIR ORIGINAL STATE. RESTORATION OF THESE AREAS WILL BE CONSIDERED INCIDENTAL TO THE PROJECT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

**PROPOSED SAFETY PLAN**

THE DEKALB TAYLOR MUNICIPAL AIRPORT IS COMPRISED OF TWO RUNWAYS. THIS PROJECT WILL REQUIRE RUNWAY ENDS 2 AND 27 TO BE TEMPORARILY DISPLACED AT THE START OF CONSTRUCTION ACTIVITIES. TAXIWAY "A" WILL BE CLOSED FOR THE DURATION OF THIS PROJECT. ALL TAXIWAY AND RUNWAY CLOSURES WILL BE COORDINATED WITH THE AIRPORT MANAGER IN ADVANCE TO ALLOW TIME FOR THE ISSUANCE OF THE REQUIRED NOTICE TO AIRMAN (NOTAM).

NO OPEN HOLES OR TRENCHES WILL BE ALLOWED WITHIN 200' OF AN ACTIVE RUNWAY, WITHIN 40' OF A ACTIVE TAXIWAY.

IDENTIFICATION - WHEN THE CONTRACTOR'S VEHICLES AND EQUIPMENT ARE ON THE AIRPORT THEY SHALL BE PROPERLY MARKED WITH THREE (3) FOOT SQUARE CHECKERED FLAGS. (INTERNATIONAL ORANGE AND WHITE).

RADIO CONTROL - THE CONTRACTOR WILL BE REQUIRED TO BE IN TWO-WAY RADIO CONTACT (122.7 MHZ.) WITH THE AIRPORT UNICOM. THIS WILL KEEP THE CONTRACTOR IN CONSTANT CONTACT WITH THE DEKALB TAYLOR MUNICIPAL AIRPORT AND ENABLE THE AIRPORT TO IMMEDIATELY CONTACT THE CONTRACTOR IN CASE OF A AERONAUTICAL EMERGENCY THAT WOULD REQUIRE ACTION BY THE CONTRACTOR AND/OR HIS PERSONNEL.

**EROSION CONTROL**

THIS PROJECT WILL DISTURB MORE THAN 1 ACRE OF LAND. A STORMWATER POLLUTION PREVENTION PLAN HAS BEEN PREPARED AND IS INCLUDED IN THE PLANS, SPECIFICATIONS, AND CONTRACT DOCUMENTS.

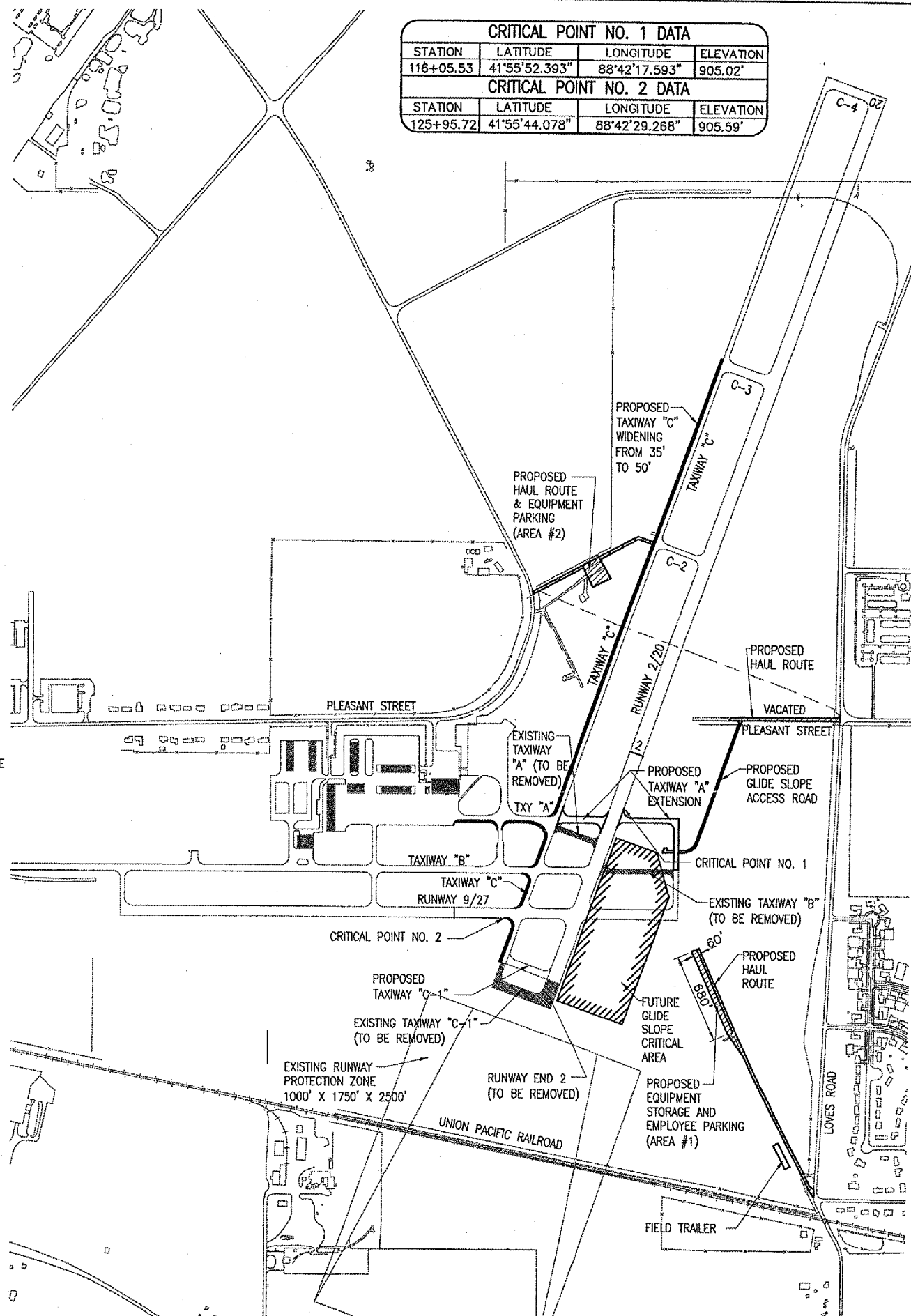
**150-ENGINEER'S FIELD OFFICE NOTES**

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 AS SHOWN. THIS WILL REQUIRE PHONE AND ELECTRIC SERVICE TO BE SUPPLIED.

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.



CRITICAL POINT NO. 1 DATA			
STATION	LATITUDE	LONGITUDE	ELEVATION
116+05.53	41°55'52.393"	88°42'17.593"	905.02'
CRITICAL POINT NO. 2 DATA			
STATION	LATITUDE	LONGITUDE	ELEVATION
125+95.72	41°55'44.078"	88°42'29.268"	905.59'

**AIRPORT SECURITY NOTE**

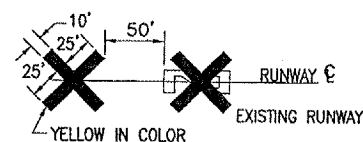
AIRPORT SECURITY WILL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR WILL ALLOW HIS PERSONNEL AND EQUIPMENT ACCESS TO THE CONSTRUCTION SITE ONLY THROUGH THE PROPOSED HAUL ROUTES AS DESIGNATED. THE CONTRACTOR WILL ENSURE THE GATE TO THE HAUL ROUTES ARE CLOSED AND LOCKED AT THE END OF EACH WORKING DAY. A ROAD CLOSED SIGN WILL BE IN PLACE ON VACATED PLEASANT STREET FACING EAST WHENEVER ASSOCIATED GATE IS OPEN.

**HEIGHT OF CONSTRUCTION EQUIPMENT**

THE MAXIMUM ANTICIPATED HEIGHT OF THE CONSTRUCTION EQUIPMENT IS 20 FEET. THE TALLEST EQUIPMENT IS EXPECTED TO BE A TRACTOR TRAILER FULLY EXTENDED.

**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-J.U.L.I.E. UTILITIES LOCATED WITHIN THE PROPOSED CONSTRUCTION LIMITS. THESE UNDERGROUND UTILITIES ARE TO BE LOCATED PRIOR TO THE START OF CONSTRUCTION OPERATIONS.



**DETAIL OF CROSS FOR CLOSED RUNWAY**  
"NOT TO SCALE"

**NOTE:**

THE 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 RESIDENT ENGINEER. THE CROSSES WILL BE PLACED OVER THE NUMERALS AND SECURED IN A MANNER APPROVED BY THE RESIDENT ENGINEER. 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 AT NO ADDITIONAL COST TO THE CONTRACT.

**J.U.L.I.E. INFORMATION**

COUNTY.....DEKALB  
CITY.....DEKALB  
TOWNSHIP.....CORTLAND  
SECTION NO.....18 AND 19  
AIRPORT ADDRESS.....DEKALB MUNICIPAL AIRPORT  
3232 EAST PLEASANT STREET  
DEKALB, ILLINOIS 60115  
815-756-7525

**J.U.L.I.E. TELEPHONE NUMBER**

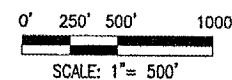
1-800-892-0123

KNOWN UTILITIES WITHIN THE LIMITS OF THE PROPOSED IMPROVEMENTS ARE:

- MRC TELECOMMUNICATIONS  
P.O. BOX 60  
RUBICON, WISCONSIN 53078
- COMMONWEALTH EDISON  
123 ENERGY AVENUE  
ROCKFORD, ILLINOIS 61109
- VERIZON  
112 WEST ELM STREET  
SYCAMORE, ILLINOIS 60178
- TOWN OF CORTLAND  
1909 SOMONIAK RD.  
CORTLAND, IL. 60112
- NORTHERN ILLINOIS GAS  
300 WEST TERRA COTTA AVENUE  
CRYSTAL LAKE, IL 60014-3595
- DEKALB SANITARY DISTRICT  
303 HOLLISTER AVE.  
DEKALB, IL 60115
- DEKALB COUNTY HIGHWAY DEPARTMENT  
WILLIAM LORENCE, COUNTY ENGINEER  
2910 BARBER GREENE RD.  
DEKALB, IL. 60115
- CORTLAND TOWNSHIP  
ROBERT NORDMAN  
HIGHWAY COMMISSIONER  
1020 PRAIRIE STREET  
CORTLAND, IL. 60112

**LEGEND**

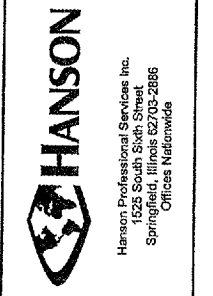
- EXISTING IMPROVEMENTS
- PROPOSED IMPROVEMENTS
- EXISTING PAVEMENT TO BE REMOVED
- PROPOSED HAUL ROUTE



DATE	REVISION

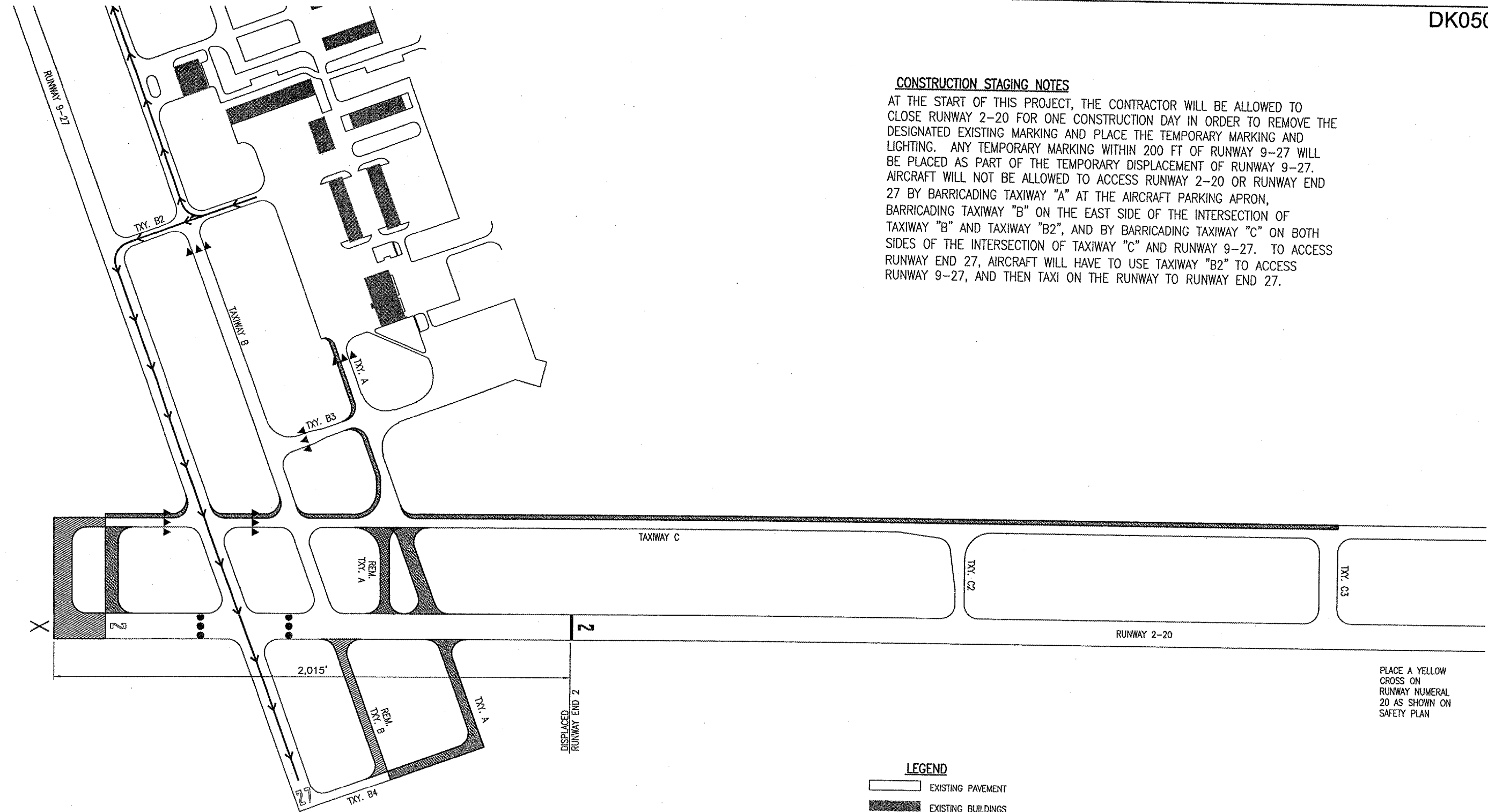


ILL. Project No. 803051XXAD_0800	RR-0035FY.DWG	Scale 1" = 500'	Date 01/06/04
LAYOUT	MDR	01/06/04	
DRAWN	MDR	01/06/04	
REVIEWED	CAH	03/16/06	



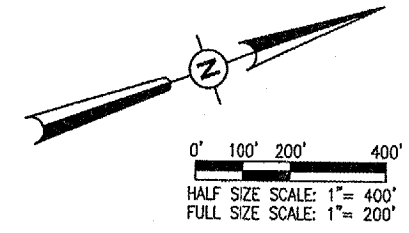
**DEKALB AIRPORT IMPROVEMENTS**  
**PROPOSED SAFETY PLAN**

MAY 15, 2006 3:35 PM CAH  
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**CONSTRUCTION STAGING NOTES**  
 AT THE START OF THIS PROJECT, THE CONTRACTOR WILL BE ALLOWED TO CLOSE RUNWAY 2-20 FOR ONE CONSTRUCTION DAY IN ORDER TO REMOVE THE DESIGNATED EXISTING MARKING AND PLACE THE TEMPORARY MARKING AND LIGHTING. ANY TEMPORARY MARKING WITHIN 200 FT OF RUNWAY 9-27 WILL BE PLACED AS PART OF THE TEMPORARY DISPLACEMENT OF RUNWAY 9-27. AIRCRAFT WILL NOT BE ALLOWED TO ACCESS RUNWAY 2-20 OR RUNWAY END 27 BY BARRICADING TAXIWAY "A" AT THE AIRCRAFT PARKING APRON, BARRICADING TAXIWAY "B" ON THE EAST SIDE OF THE INTERSECTION OF TAXIWAY "B" AND TAXIWAY "B2", AND BY BARRICADING TAXIWAY "C" ON BOTH SIDES OF THE INTERSECTION OF TAXIWAY "C" AND RUNWAY 9-27. TO ACCESS RUNWAY END 27, AIRCRAFT WILL HAVE TO USE TAXIWAY "B2" TO ACCESS RUNWAY 9-27, AND THEN TAXI ON THE RUNWAY TO RUNWAY END 27.

- LEGEND**
- EXISTING PAVEMENT
  - EXISTING BUILDINGS
  - PROPOSED IMPROVEMENTS
  - PROPOSED PAVEMENT REMOVAL
  - PROPOSED TRAFFIC CONES
  - PROPOSED BARRICADES
  - CROSS FOR CLOSED RUNWAY



PLACE A YELLOW CROSS ON RUNWAY NUMERAL 20 AS SHOWN ON SAFETY PLAN

DATE	REVISION	BY

**DIMAX**  
 DEKALB TAYLOR MUNICIPAL AIRPORT  
 IL. PROJ.: DKB-3448 AIP PROJ.: 3-17-0139-843

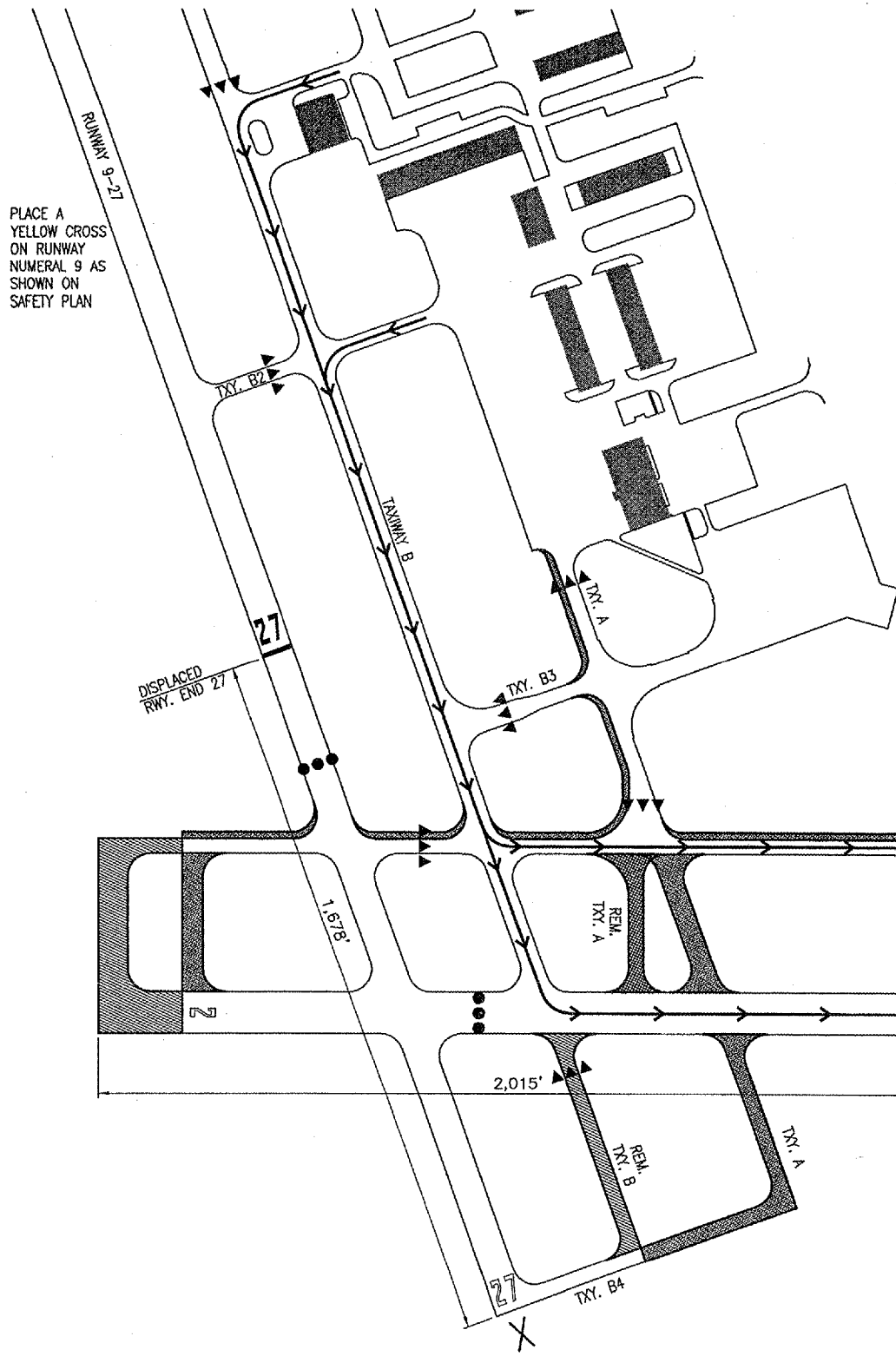
HPS Project No. 80305TXAD.0800	FILENAME R-104STG.DWG	DATE 01/17/06
Scale 1" = 200'	LAYOUT K.D.M.	01/17/06
DRAWN B.A.K.	REVIEWED C.A.H.	03/06/06

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

DEKALB AIRPORT IMPROVEMENTS  
 PROPOSED DISPLACEMENT INSTALLATION PLAN  
 FOR RUNWAY 2-20



PLACE A YELLOW CROSS ON RUNWAY NUMERAL 9 AS SHOWN ON SAFETY PLAN

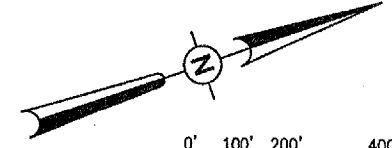


**CONSTRUCTION STAGING NOTES**

AFTER RUNWAY 2-20 HAS BEEN TEMPORARILY DISPLACED, THE CONTRACTOR WILL BE ALLOWED TO CLOSE RUNWAY 9-27 FOR ONE CONSTRUCTION DAY IN ORDER TO REMOVE THE DESIGNATED EXISTING MARKING AND PLACE THE TEMPORARY MARKING AND LIGHTING. ANY MARKING REMOVAL AND TEMPORARY MARKING ON RUNWAY 2-20 THAT WAS NOT DONE WHEN RUNWAY 2-20 WAS TEMPORARILY DISPLACED WILL BE ACCOMPLISHED AT THIS TIME. AIRCRAFT WILL NOT BE ALLOWED TO ACCESS RUNWAY 9-27 OR RUNWAY END 2 BY BARRICADING TAXIWAY "A" AT THE AIRCRAFT PARKING APRON AND WEST OF TAXIWAY "C", BARRICADING TAXIWAY "B" ON THE WEST SIDE OF THE T-HANGAR ACCESS AND THE SOUTH SIDE OF THE INTERSECTION OF TAXIWAY "B" AND TAXIWAY "B2", BARRICADING TAXIWAY "B3" WHERE IT INTERSECTS WITH TAXIWAY "B", BARRICADING TAXIWAY "C" ON THE SOUTH SIDE WHERE IT INTERSECTS WITH TAXIWAY "B", AND BY BARRICADING TAXIWAY "B" ON THE EAST SIDE OF RUNWAY 2-20. TO ACCESS RUNWAY 2- 20, AN AIRCRAFT WILL HAVE TO USE TAXIWAY "B2" TO TAXIWAY "B", AND THEN TAXI ON TAXIWAY "B" TO RUNWAY 2-20.

**LEGEND**

- EXISTING PAVEMENT
- EXISTING BUILDINGS
- PROPOSED IMPROVEMENTS
- PROPOSED PAVEMENT REMOVAL
- PROPOSED TRAFFIC CONES
- PROPOSED BARRICADES
- CROSS FOR CLOSED RUNWAY



0' 100' 200' 400'  
 HALF SIZE SCALE: 1"= 400'  
 FULL SIZE SCALE: 1"= 200'

DATE	REVISION	BY

**DIMAX**  
 DEKALB TAYLOR MUNICIPAL AIRPORT  
 IL PROJ.: DK0-3448  
 AIP PROJ.: 3-17-0139-B43

DES. Project No. 80305TXVAD.0800	FILENAME: R-1033STG.DWG	SCALE: 1"= 200'	DATE: 01/17/06
LAYOUT: K.D.M.	01/17/06	DRAWN: B.A.K.	01/17/06
REVIEWED: C.A.H.	03/06/06		

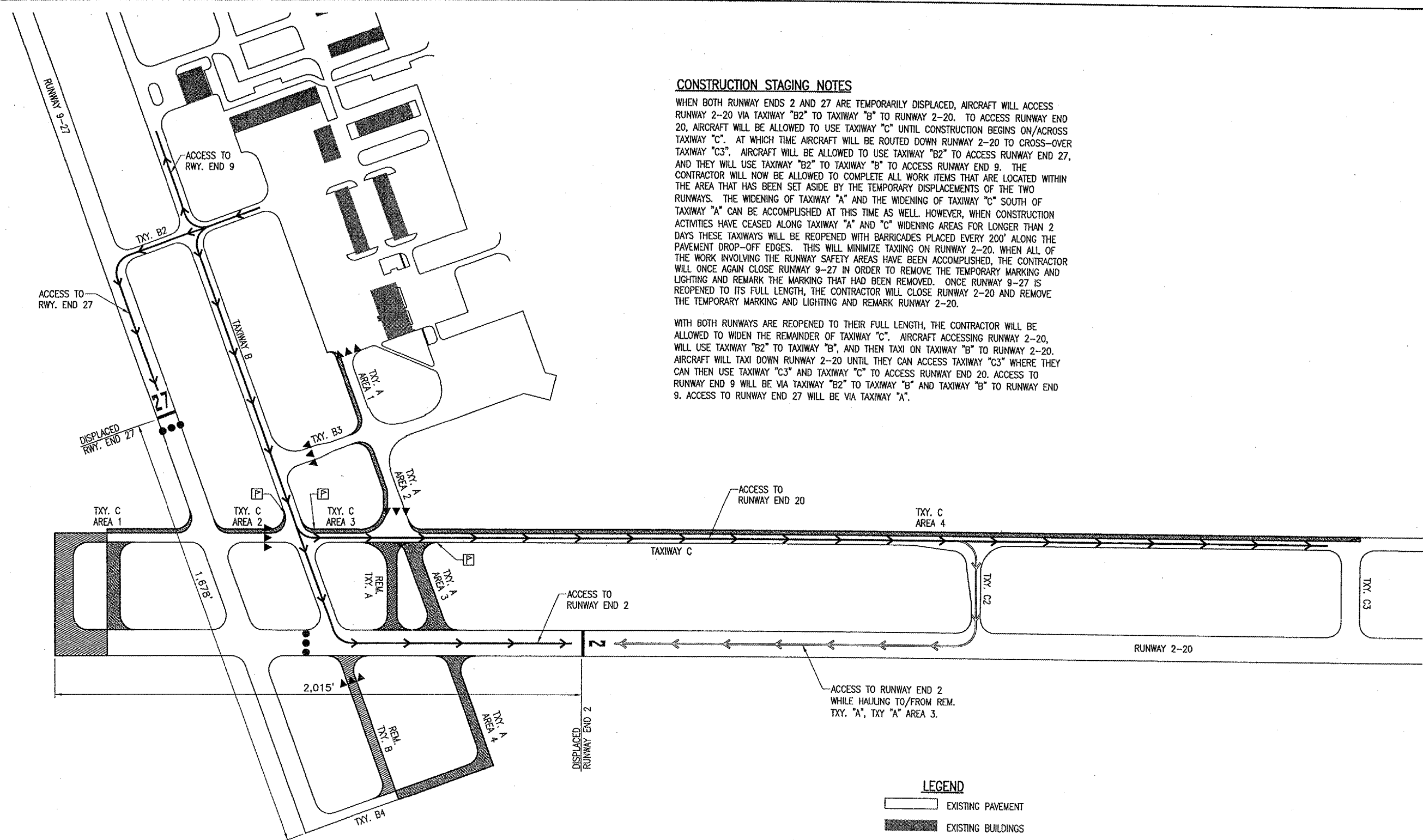
**HANSON**  
 Hanson Professional Services Inc.  
 7525 South Sixth Street  
 Springfield, Illinois 62703-2886  
 Chicago Nationwide

DEKALB AIRPORT IMPROVEMENTS  
 PROPOSED DISPLACEMENT INSTALLATION PLAN  
 FOR RUNWAY 9-27

**CONSTRUCTION STAGING NOTES**

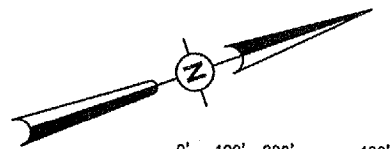
WHEN BOTH RUNWAY ENDS 2 AND 27 ARE TEMPORARILY DISPLACED, AIRCRAFT WILL ACCESS RUNWAY 2-20 VIA TAXIWAY "B2" TO TAXIWAY "B" TO RUNWAY 2-20. TO ACCESS RUNWAY END 20, AIRCRAFT WILL BE ALLOWED TO USE TAXIWAY "C" UNTIL CONSTRUCTION BEGINS ON/ACROSS TAXIWAY "C". AT WHICH TIME AIRCRAFT WILL BE ROUTED DOWN RUNWAY 2-20 TO CROSS-OVER TAXIWAY "C3". AIRCRAFT WILL BE ALLOWED TO USE TAXIWAY "B2" TO ACCESS RUNWAY END 27, AND THEY WILL USE TAXIWAY "B2" TO TAXIWAY "B" TO ACCESS RUNWAY END 9. THE CONTRACTOR WILL NOW BE ALLOWED TO COMPLETE ALL WORK ITEMS THAT ARE LOCATED WITHIN THE AREA THAT HAS BEEN SET ASIDE BY THE TEMPORARY DISPLACEMENTS OF THE TWO RUNWAYS. THE WIDENING OF TAXIWAY "A" AND THE WIDENING OF TAXIWAY "C" SOUTH OF TAXIWAY "A" CAN BE ACCOMPLISHED AT THIS TIME AS WELL. HOWEVER, WHEN CONSTRUCTION ACTIVITIES HAVE CEASED ALONG TAXIWAY "A" AND "C" WIDENING AREAS FOR LONGER THAN 2 DAYS THESE TAXIWAYS WILL BE REOPENED WITH BARRICADES PLACED EVERY 200' ALONG THE PAVEMENT DROP-OFF EDGES. THIS WILL MINIMIZE TAXIING ON RUNWAY 2-20. WHEN ALL OF THE WORK INVOLVING THE RUNWAY SAFETY AREAS HAVE BEEN ACCOMPLISHED, THE CONTRACTOR WILL ONCE AGAIN CLOSE RUNWAY 9-27 IN ORDER TO REMOVE THE TEMPORARY MARKING AND LIGHTING AND REMARK THE MARKING THAT HAD BEEN REMOVED. ONCE RUNWAY 9-27 IS REOPENED TO ITS FULL LENGTH, THE CONTRACTOR WILL CLOSE RUNWAY 2-20 AND REMOVE THE TEMPORARY MARKING AND LIGHTING AND REMARK RUNWAY 2-20.

WITH BOTH RUNWAYS ARE REOPENED TO THEIR FULL LENGTH, THE CONTRACTOR WILL BE ALLOWED TO WIDEN THE REMAINDER OF TAXIWAY "C". AIRCRAFT ACCESSING RUNWAY 2-20, WILL USE TAXIWAY "B2" TO TAXIWAY "B", AND THEN TAXI ON TAXIWAY "B" TO RUNWAY 2-20. AIRCRAFT WILL TAXI DOWN RUNWAY 2-20 UNTIL THEY CAN ACCESS TAXIWAY "C3" WHERE THEY CAN THEN USE TAXIWAY "C3" AND TAXIWAY "C" TO ACCESS RUNWAY END 20. ACCESS TO RUNWAY END 9 WILL BE VIA TAXIWAY "B2" TO TAXIWAY "B" AND TAXIWAY "B" TO RUNWAY END 9. ACCESS TO RUNWAY END 27 WILL BE VIA TAXIWAY "A".



**LEGEND**

- EXISTING PAVEMENT
- EXISTING BUILDINGS
- PROPOSED IMPROVEMENTS
- PROPOSED PAVEMENT REMOVAL
- PROPOSED TRAFFIC CONES
- PROPOSED BARRICADES
- PROPOSED FLAGGER



0' 100' 200' 400'  
 HALF SIZE SCALE: 1" = 400'  
 FULL SIZE SCALE: 1" = 200'

DATE	REVISION	BY

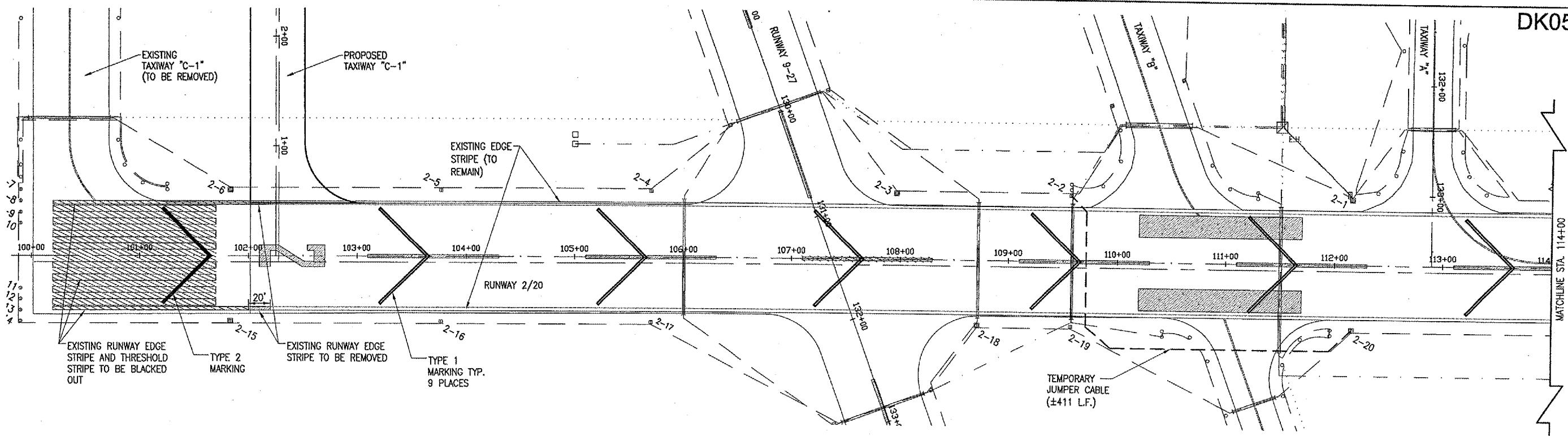
**DIMA**  
 DEKALB TAYLOR MUNICIPAL AIRPORT  
 I.L. PROJ.: DKB-3448  
 AIP PROJ.: 3-17-0139-B43

ISS. Project No.	80305TXAD_0800
Engineer	R-102STG.DWG
Scale	1" = 200'
Date	01/17/06
LAYOUT	K.D.M. 01/17/06
DRAWN	B.A.K. 01/17/06
REVIEWED	C.A.H. 03/06/06

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

**DEKALB AIRPORT IMPROVEMENTS**  
 PROPOSED STAGING PLAN  
 WHILE RUNWAYS 2-20 & 9-27  
 ARE DISPLACED

DK050



**MARKING TO BE BLACKED OUT NOTE:**

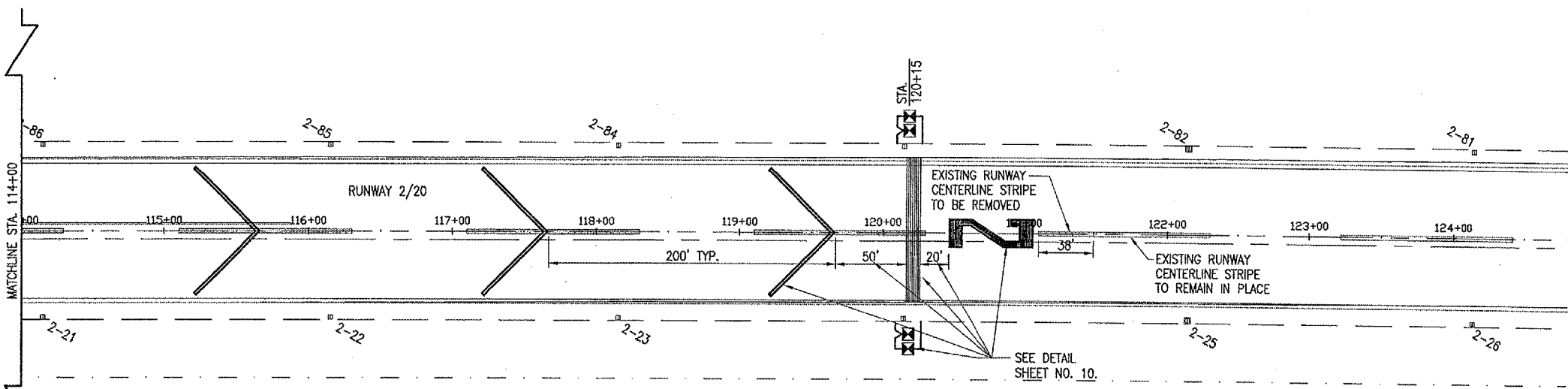
THE EXISTING MARKING DESIGNATED TO BE BLACKED OUT IS SHOWN ON THIS SHEET. THE RUNWAY 2-20 CENTERLINE LOCATED AT STA. 107+10 TO STA. 108+30 WILL BE BLACKED OUT WHILE RUNWAY 9-27 IS MONITORED FOR TRAFFIC. THIS WILL PREVENT CLOSING THE AIRPORT AND/OR RUNWAY 9-27 DURING THE RUNWAY 2-20 DISPLACEMENT.

THE CHEVRON AT THE INTERSECTION OF THE TWO RUNWAYS WILL NOT BE PLACED UNTIL RUNWAY 9-27 IS DISPLACED.

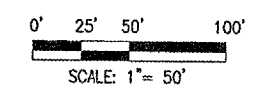
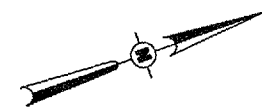
THE CONTRACTOR WILL COVER THE DESIGNATED MARKING WITH BLACK PAINT AS A BLOCK SO THE SHAPE OF THE EXISTING MARKING CANNOT BE DETERMINED.

THE BLACKING OUT OF THE EXISTING MARKING SHALL BE PAID FOR UNDER ITEM:  
AR620912 "TEMPORARY MARK AND LIGHT" \_\_\_\_ L.S.

- LEGEND**
- EXISTING PAVEMENT
  - PROPOSED PAVEMENT
  - EXISTING MARKING (TO BE REMOVED)
  - EXISTING MARKING (TO BE BLACKED OUT)
  - PROPOSED MARKING (TYPE 1)
  - PROPOSED MARKING (TYPE 2)
  - EXISTING ELECTRICAL CABLES
  - EXISTING ELECTRICAL DUCT
  - EXISTING REIL CABLES
  - EXISTING PAPI CABLES
  - PROPOSED ELECTRICAL CABLES
  - EXISTING STAKE MOUNTED RUNWAY LIGHT
  - EXISTING BASE MOUNTED RUNWAY LIGHT
  - EXISTING STAKE MOUNTED TAXIWAY LIGHT
  - EXISTING BASE MOUNTED TAXIWAY LIGHT
  - EXISTING THRESHOLD LIGHT (TO BE RELOCATED)
  - EXISTING P.A.P.I. (TO BE RELOCATED)
  - E.H. EXISTING ELECTRICAL HANDHOLE
  - PROPOSED TEMPORARY RELOCATED THRESHOLD LIGHT



SEE DETAIL SHEET NO. 10.



DATE	REVISION	BY

**DITMA**  
DEKALB TAYLOR MUNICIPAL AIRPORT  
IL. PROJ.: DK8-3448    AIP PROJ.: 3-17-0139-B43

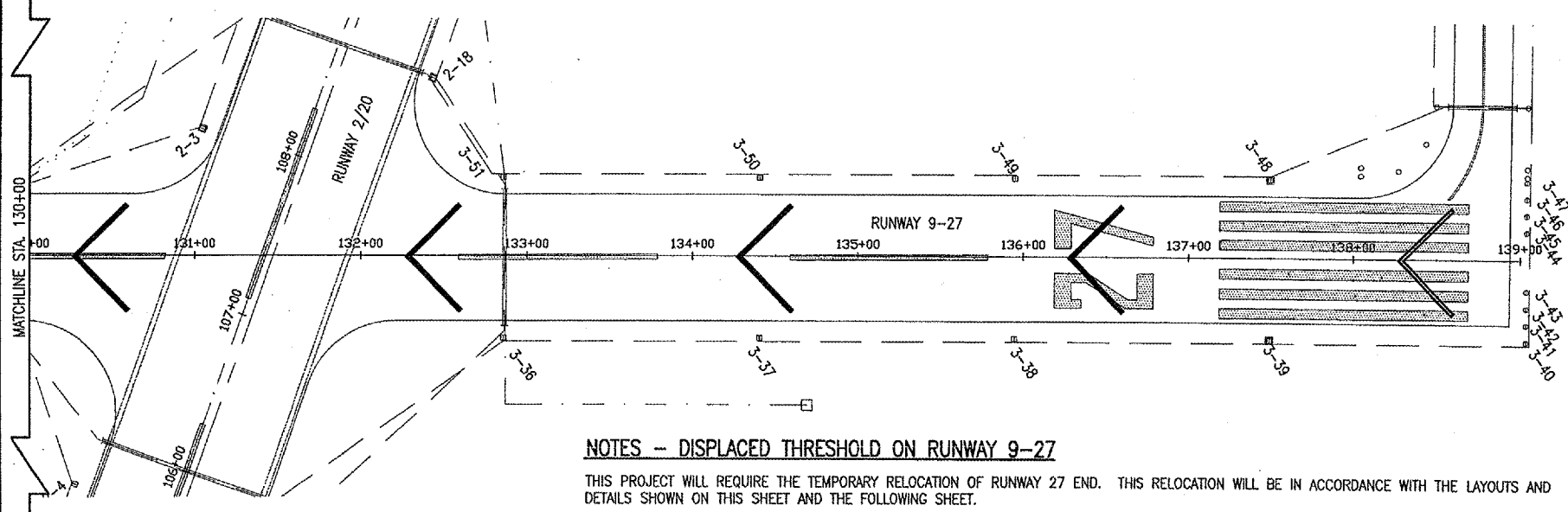
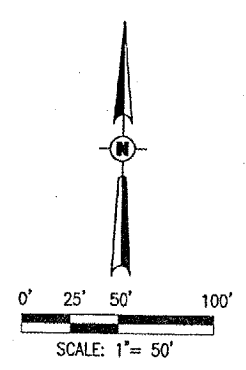
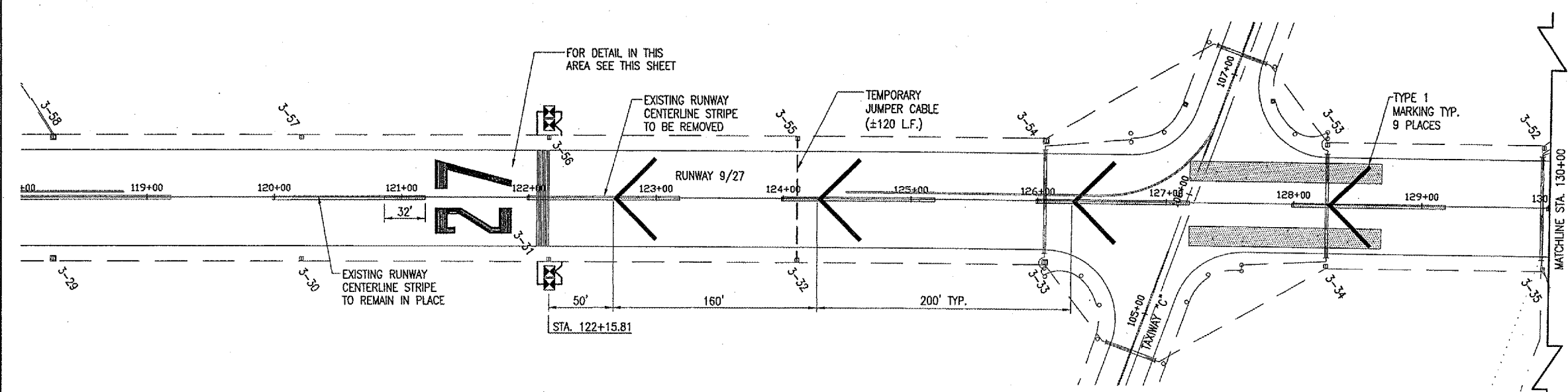
HPS Project No. 803051XAD_0800	01/10/05
Revision R-152TEMP_MRK.DWG	01/10/05
Scale 1" = 50'	01/10/05
Date 01/10/05	03/06/06
LAYOUT JMB	CAH
DRAWN JMB	
REVIEWED CAH	

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DEKALB AIRPORT IMPROVEMENTS  
PROPOSED TEMPORARY MARKING AND LIGHTING PLAN  
STA. 100+00 TO STA. 125+00

MAY 15, 2006 3:40 PM CAH  
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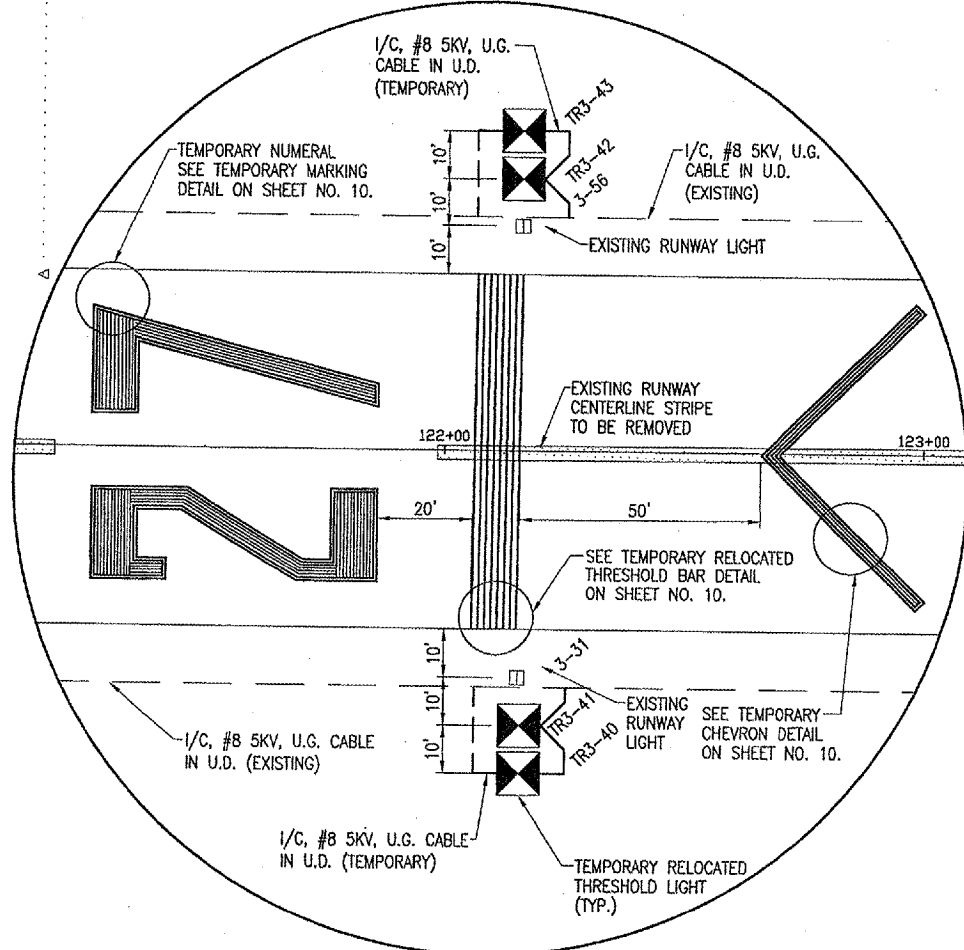


**NOTES - DISPLACED THRESHOLD ON RUNWAY 9-27**

- THIS PROJECT WILL REQUIRE THE TEMPORARY RELOCATION OF RUNWAY 27 END. THIS RELOCATION WILL BE IN ACCORDANCE WITH THE LAYOUTS AND DETAILS SHOWN ON THIS SHEET AND THE FOLLOWING SHEET.
- THE PROPOSED TEMPORARY MARKING (TYPE 1) WILL CONSIST OF PLACING REFLECTIVE TAPE ON THE EXISTING PAVEMENT AT THE LOCATIONS AND DETAILS SHOWN ON THIS SHEET AND THE FOLLOWING SHEET. PRIOR TO PLACING THE REFLECTIVE TAPE, THESE LOCATIONS SHALL BE PRESSURE WASHED.
- THE REFLECTIVE TAPE WILL BE 4" WIDE, WHITE OR YELLOW IN COLOR. THE PROPOSED TAPE SHALL BE STANDARD HIGHWAY PRESSURE SENSITIVE TRAFFIC MARKING TAPE OR APPROVED EQUAL.
- THE TEMPORARY RELOCATED THRESHOLD BAR AND RUNWAY NUMERAL WILL BE WHITE IN COLOR AND CONSTRUCTED IN ACCORDANCE WITH THE DETAILS ON THIS SHEET AND THE FOLLOWING SHEET.
- THE TEMPORARY CHEVRONS WILL BE PLACED ON RUNWAY 9-27 AS SHOWN ON THIS SHEET.
- ALL TEMPORARY MARKING WILL BE IN PLACE AT THE END OF EACH CONSTRUCTION DAY AND REPAIRED TO THE SATISFACTION OF THE RESIDENT ENGINEER.
- EXISTING RUNWAY LIGHTS 3-29 AND 3-58 WILL HAVE THEIR 360° CLEAR LENSES REMOVED AND A SPLIT CLEAR-AMBER LENSE FROM RUNWAY LIGHTS 3-35 AND 3-52 PLACED ON THEM. THE AMBER SIDE WILL FACE TOWARD THE WEST. THE 360° CLEAR LENSES WILL BE PLACED ON LIGHTS 3-35 AND 3-52. RUNWAY LIGHTS 3-1 THRU 3-4, 3-25 THRU 3-28 WILL HAVE THEIR LENSES ROTATED SO THE AMBER SIDE FACES TOWARD THE WEST. ALL EXISTING RUNWAY 9-27 LIGHTS EAST OF THE TEMPORARY DISPLACEMENT WILL BE COVERED IN A WAY THAT WILL NOT OMIT ANY LIGHT AND IS APPROVED BY THE RESIDENT ENGINEER.
- EXISTING THRESHOLD LIGHTS 3-40 THRU 3-43 WILL BE RELOCATED AS SHOWN ON THIS SHEET AND SHEET NO. 10. TO COMPLETE THE RELOCATED THRESHOLD. THE LENSES ON LIGHTS 3-34 AND 3-53 WILL BE REPLACED WITH SPLIT RED/GREEN LENSES. UPON REMOVAL OF THE TEMPORARY RELOCATED THRESHOLD, ALL LIGHTS AND LIGHT LENSES WILL BE RETURNED TO THEIR ORIGINAL LOCATIONS AND ORIENTATIONS.
- APPROXIMATELY 100' OF NO. 8, 5KV., 1/C TYPE C U.G. CABLE WILL BE REQUIRED TO CONNECT THE TEMPORARY THRESHOLD LIGHTS INTO THE RUNWAY 9-27 LIGHTING CIRCUIT. THIS JUMPER WILL BE PLACE BETWEEN LIGHTS 3-55 & 3-32 ACROSS RUNWAY 9-27.
- ALL PROPOSED NO. 8, 5KV., 1/C TYPE C CABLE NEEDED TO TEMPORARILY WIRE THE PROPOSED TEMPORARY THRESHOLD LIGHTS WILL BE DISPOSED OF OFF THE AIRPORT SITE UPON REMOVAL OF THE RELOCATED THRESHOLD. THIS CABLE WILL BE CONSIDERED INCIDENTAL TO THE TEMPORARY MARKING AND LIGHTING AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE EXISTING REIL'S AND P.L.A.S.I. ON RUNWAY END 27 WILL BE TURNED OFF UNTIL THE TEMPORARY DISPLACED THRESHOLD IS REMOVED.

**LEGEND**

- EXISTING PAVEMENT
- EXISTING MARKING (TO BE REMOVED)
- PROPOSED MARKING (TYPE 1)
- EXISTING ELECTRICAL CABLES
- EXISTING ELECTRICAL DUCT
- EXISTING REIL CABLES
- EXISTING PAPI CABLES
- PROPOSED ELECTRICAL CABLES
- EXISTING STAKE MOUNTED RUNWAY LIGHT
- EXISTING BASE MOUNTED RUNWAY LIGHT
- EXISTING STAKE MOUNTED TAXIWAY LIGHT
- EXISTING BASE MOUNTED TAXIWAY LIGHT
- EXISTING THRESHOLD LIGHT (TO BE RELOCATED)
- EXISTING P.L.A.S.I. (TO BE RELOCATED)
- EXISTING R.E.I.L.'s (TO BE REMOVED)
- PROPOSED TEMPORARY RELOCATED THRESHOLD LIGHT



**DETAIL "A"**  
 FULL SIZE SCALE: 1" = 20"  
 HALF SIZE SCALE: 1" = 40"

DATE	REVISION	BY



IL PROJ.: DK8-3448 AIP PROJ.: 3-17-0139-843

Project No. 80305TYAD-0800	DATE	01/10/05
Revision R-152TEMP_MRK.DWG	DATE	01/10/05
Scale 1" = 50'	LAYOUT	JMB 01/10/05
	DRAWN	JMB 01/10/05
	REVIEWED	CAH 03/06/06



DEKALB AIRPORT IMPROVEMENTS  
 PROPOSED TEMPORARY MARKING AND LIGHTING PLAN  
 STA. 118+00 TO STA. 139+00

MAY 15, 2006 3:40 PM CAH I:\AIRPORTS\DEKALB\803-08TYA\AIRPORT\SHETS\GENERAL\R-152TEMP\_MRK.DWG

**NOTES - DISPLACED THRESHOLD ON RUNWAY 2-20**

THIS PROJECT WILL REQUIRE THE TEMPORARY RELOCATION OF RUNWAY 2 END. THIS RELOCATION WILL BE IN ACCORDANCE WITH THE LAYOUTS AND DETAILS SHOWN ON THIS SHEET AND ON RUNWAY END 2 PROPOSED TEMPORARY MARKING AND LIGHTING PLAN.

THE PROPOSED TEMPORARY MARKING (TYPE 1) WILL CONSIST OF PLACING REFLECTIVE TAPE ON THE EXISTING PAVEMENT AT THE LOCATIONS AND DETAILS SHOWN ON THIS SHEET AND ON RUNWAY END 2 PROPOSED TEMPORARY MARKING AND LIGHTING PLAN. PRIOR TO PLACING THE REFLECTIVE TAPE, THESE LOCATIONS SHALL BE PRESSURE WASHED.

THE REFLECTIVE TAPE WILL BE 4" WIDE, WHITE OR YELLOW IN COLOR. THE PROPOSED TAPE SHALL BE STANDARD HIGHWAY PRESSURE SENSITIVE TRAFFIC MARKING TAPE OR APPROVED EQUAL.

THE TEMPORARY RELOCATED THRESHOLD BAR AND RUNWAY NUMERAL WILL BE WHITE IN COLOR AND CONSTRUCTED IN ACCORDANCE WITH THE DETAILS ON THIS SHEET AND ON RUNWAY END 2 PROPOSED TEMPORARY MARKING AND LIGHTING PLAN.

THE PROPOSED TEMPORARY CHEVRONS WILL BE YELLOW IN COLOR AND CONSTRUCTED IN ACCORDANCE WITH THE DETAIL ON THIS SHEET.

THE TEMPORARY CHEVRONS WILL BE PLACED ON RUNWAY 2-20 AS SHOWN ON THIS SHEET AND ON RUNWAY END 2 PROPOSED TEMPORARY MARKING AND LIGHTING PLAN.

ALL TEMPORARY MARKING WILL BE IN PLACE AT THE END OF EACH CONSTRUCTION DAY AND REPAIRED TO THE SATISFACTION OF THE RESIDENT ENGINEER.

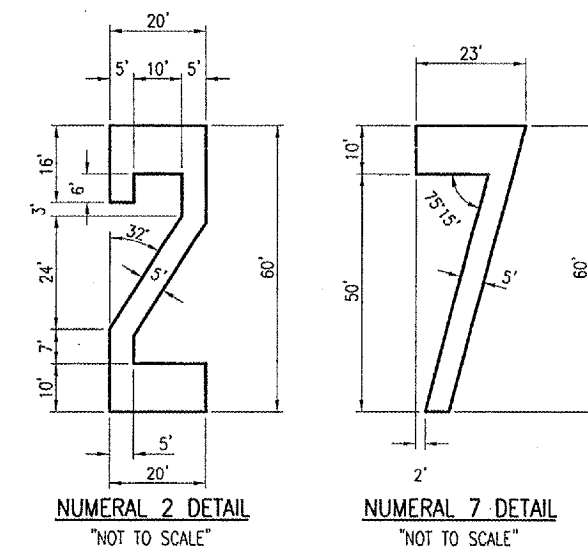
THE EXISTING RUNWAY LIGHTS 2-1 THRU 2-6, 2-83 THRU 2-86, AND 2-15 THRU 2-24 WILL HAVE THEIR SPLIT CLEAR-AMBER LENSES REMOVED AND SWAPPED WITH THE LENSES FROM LIGHTS 2-25 THRU 2-34 AND 2-82 THRU 2-73. THE AMBER SIDE OF THE LENSES WILL BE POSITIONED TOWARD THE NORTH. RUNWAY LIGHTS 2-1, 2-20, 2-21, 2-22, 2-23, 2-84, 2-85 AND 2-86 WILL BE EQUIPPED WITH 360° BLUE LENSES. THE CONTRACTOR WILL OBTAIN THESE BLUE LENSES FOR THE TAXIWAY LIGHTS TO BE REMOVED AND RELOCATED. THEN REMAINING RUNWAY 2-20 LIGHTS THAT ARE SOUTH OF THE TEMPORARY DISPLACED THRESHOLD. THE LIGHTS WILL BE COVERED IN A WAY THAT IS APPROVED BY THE RESIDENT ENGINEER AND WILL NOT EMIT LIGHT.

EXISTING THRESHOLD LIGHTS 2-7 THRU 2-10 WILL BE RELOCATED AS SHOWN ON THIS SHEET TO COMPLETE THE RELOCATED THRESHOLD. THE LENSES ON LIGHTS 2-24 AND 2-83 WILL BE REPLACED WITH SPLIT RED/GREEN LENSES FROM EXISTING THRESHOLD LIGHTS 2-11 AND 2-12. LIGHTS 2-11 THRU 2-14 WILL BE USED TO CREATE THE TEMPORARY DISPLACED THRESHOLD ON RUNWAY END 27. THE CONTRACTOR WILL USE FOUR OF THE EXISTING THRESHOLD GLOBES OFF OF RUNWAY END 27 TO COMPLETE THE TEMPORARY THRESHOLD ON 27. UPON REMOVAL OF THE TEMPORARY THRESHOLDS THE CONTRACTOR WILL INSTALL THE THRESHOLD LIGHTS ON THE NEW RUNWAY END 2 THRESHOLD AND RETURN ALL GLOBES TO THEIR ORIGINAL OWNERS. THE CLEAR-AMBER LENSES WILL BE REMOVED FROM LIGHTS 2-25 THRU 2-34 AND 2-82 THRU 2-73 AND RETURNED TO THEIR ORIGINAL LOCATIONS. THE 360° CLEAR LENSES ON THOSE LIGHTS WILL BE RETURNED TO THEIR ORIGINAL LOCATIONS. THE SPLIT CLEAR-AMBER LENSES ON LIGHTS 2-25 AND 2-82 WILL REMAIN ON THOSE TWO LIGHTS.

APPROXIMATELY 100' OF NO. 8, 5KV., 1/C TYPE C UG. CABLE WILL BE REQUIRED TO CONNECT THE TEMPORARY THRESHOLD LIGHTS INTO THE RUNWAY 2-20 LIGHTING CIRCUIT. A TEMPORARY JUMPER CABLE (±140 L.F.) WILL BE REQUIRED BETWEEN 2-4 AND 2-17, SECURED TO THE PAVEMENT IN A MANNER APPROVED BY THE RESIDENT ENGINEER.

ALL PROPOSED NO. 8, 5KV., 1/C TYPE C CABLE NEEDED TO TEMPORARILY WIRE THE PROPOSED TEMPORARY THRESHOLD LIGHTS WILL BE TURNED OVER TO THE AIRPORT UPON REMOVAL OF THE RELOCATED THRESHOLD. THIS CABLE WILL BE CONSIDERED INCIDENTAL TO THE TEMPORARY MARKING AND LIGHTING AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE EXISTING REIL'S AND V.A.S.I. FOR RUNWAY END 2 WILL BE TURNED OFF UNTIL THEY ARE REMOVED OR RELOCATED.

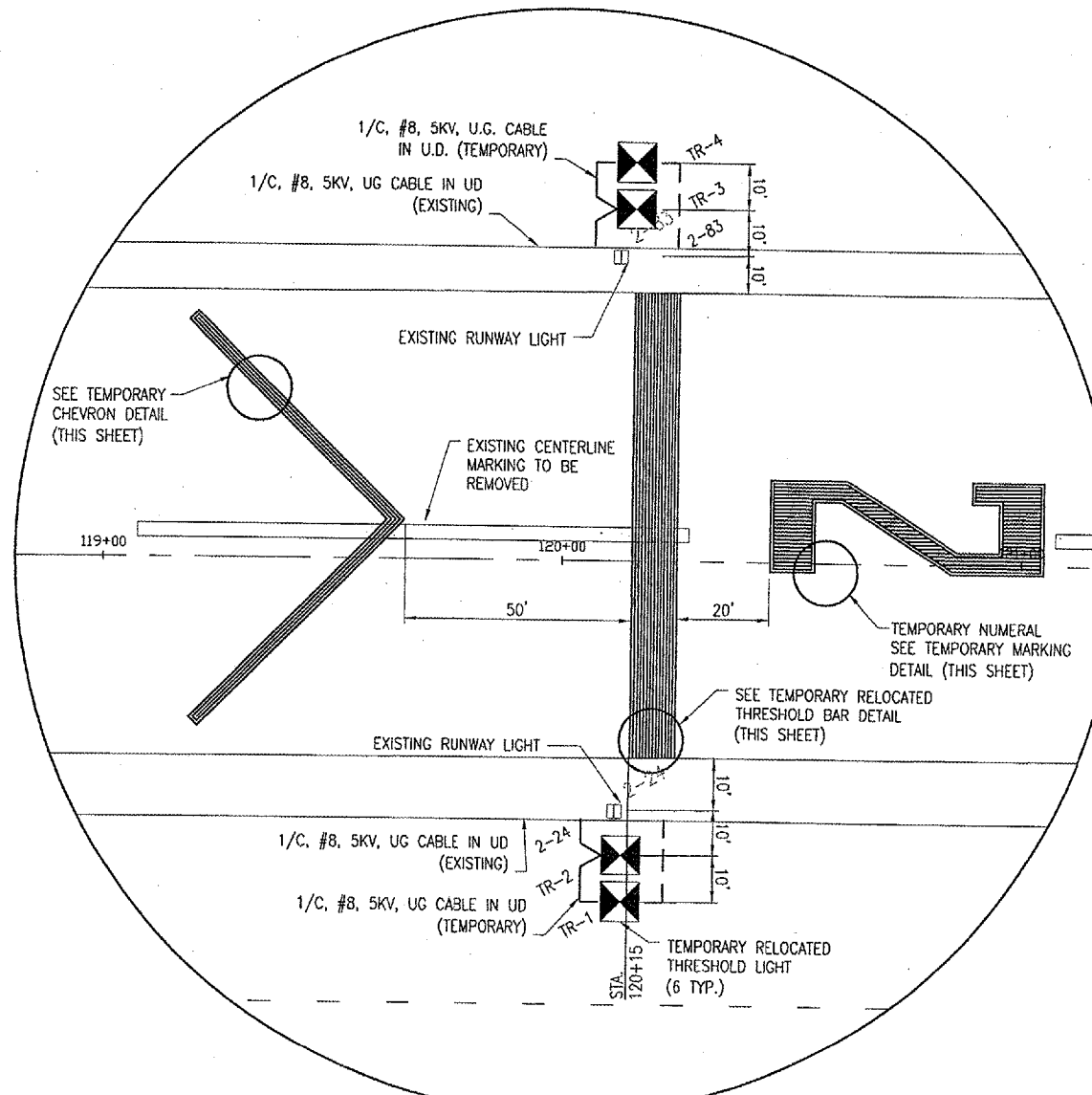


**MARKING REMOVAL NOTES**

THE AREAS THAT ARE DESIGNATED EXISTING (TO BE REMOVED) WILL BE REMOVED BY SANDBLASTING, SHOT BLASTING OR WATER BLASTING.

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 SHALL BE PAID FOR UNDER ITEM AR620912 "TEMPORARY MARK AND LIGHT" \_\_\_\_\_ 1 L.S.

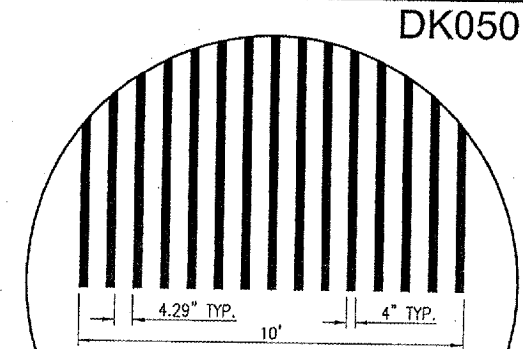


**DETAIL "A"**  
FULL SIZE SCALE: 1" = 20'  
HALF SIZE SCALE: 1" = 40'

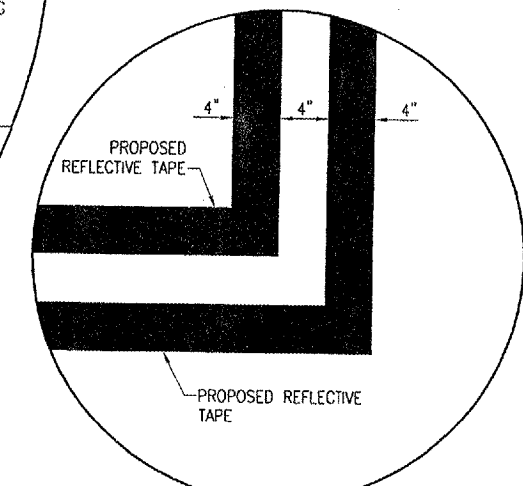
RUNWAY 2-20 MARKING REMOVAL QUANTITIES			
DESCRIPTION	UNIT AREA	NUMBER REQUIRED	TOTAL AREA (S.F.)
RUNWAY NUMERAL 2	650	1	650
RUNWAY TOUCH DOWN AIMING BAR	3,000	2	6,000
RUNWAY CENTERLINE STRIPE	360	8.37	3,013
RUNWAY EDGE MARKING	60	2	120
TOTAL RUNWAY 2-20 MARKING REMOVAL 9,783			
RUNWAY THRESHOLD STRIPE (TO BE BLACKED OUT)	13,800	1	13,800
RUNWAY EDGE MARKING (TO BE BLACKED OUT)	540	2	1,080
TOTAL RUNWAY 2-20 MARKING (TO BE BLACKED OUT) 14,880			

RUNWAY 9-27 MARKING REMOVAL QUANTITIES			
DESCRIPTION	UNIT AREA	NUMBER REQUIRED	TOTAL AREA (S.F.)
RUNWAY NUMERAL 2	650	1	650
RUNWAY NUMERAL 7	500	1	500
RUNWAY TOUCH DOWN AIMING BAR	2,250	2	4,500
RUNWAY CENTERLINE STRIPE	360	4	1,440
RUNWAY THRESHOLD STRIPE	862.5	6	5,175
TOTAL RUNWAY 9-27 MARKING REMOVAL 12,265			

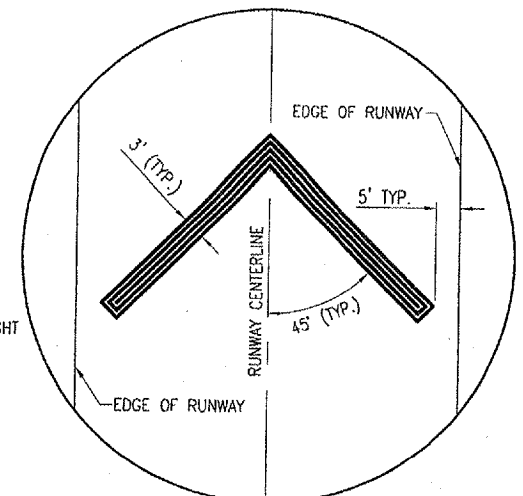
- LEGEND**
- EXISTING PAVEMENT
  - EXISTING MARKING (TO BE REMOVED)
  - PROPOSED TEMPORARY MARKING
  - EXISTING ELECTRICAL CABLES
  - PROPOSED ELECTRICAL CABLES
  - EXISTING STAKE MOUNTED RUNWAY LIGHT
  - PROPOSED TEMPORARY RELOCATED THRESHOLD LIGHT



**TEMPORARY RELOCATED THRESHOLD BAR DETAIL**  
"NOT TO SCALE"



**TEMPORARY MARKING DETAIL**  
"NOT TO SCALE"



**TEMPORARY CHEVRON DETAIL**  
"NOT TO SCALE"

DK050

DATE	REVISION	BY

**DITMA**  
DEKALB TAYLOR MUNICIPAL AIRPORT

HP's Project No. 803051XVAD 0800  
Filename: R-153TEMP\_MRK.DWG  
Scale: NOT TO SCALE  
Date: 01/10/05

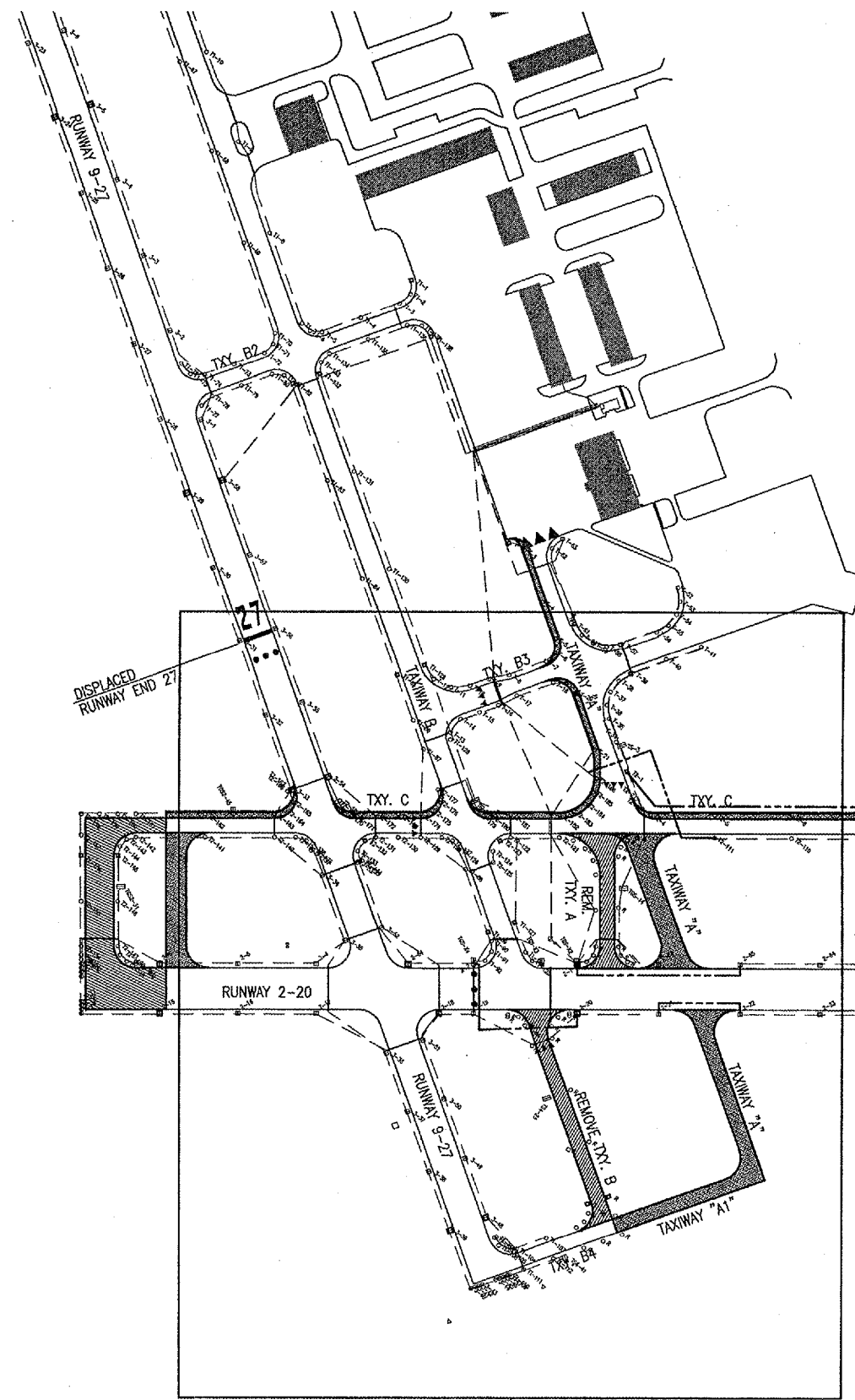
LAYOUT	JMB	JMB	01/10/05
DRAWN	JMB	JMB	01/10/05
REVIEWED	CAH	CAH	03/06/06

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Springfield, Illinois 62703-2986  
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DEKALB AIRPORT IMPROVEMENTS  
PROPOSED TEMPORARY MARKING AND LIGHTING NOTES AND DETAILS

MAY 16 2006 7:34 AM BAK I:\AIRPORTS\DEKALB\B03-05TXVA\AIRPORT\SHETS\GENERAL\P-153TEMP\_MRK.DWG

MAY 16, 2006 7:36 AM BAK  
 I:\AIRPORTS\DEKALB\803-OSTYVA AIRPORT\SHEETS\GENERAL\R-14\TEMP-TEMP.DWG



FOR LOCATION OF PROPOSED JUMPER CABLES IN THIS AREA, SEE SHEET 12

**JUMPER CABLE NOTES:**

IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE RUNWAY AND TAXIWAY LIGHTING CIRCUITS THROUGHOUT THIS PROJECT. THE CONTRACTOR WILL INSTALL JUMPER CABLES AND "BAG" LIGHTS TO PREVENT THEM FROM EMITTING LIGHT.

THE CONTRACTOR WILL INSTALL AN ABOVE GROUND SOUTH RUNWAY 2-20 JUMPER CABLE ACROSS RUNWAY END 2. THIS CABLE WILL RUN FROM EXISTING RUNWAY LIGHT 2-2 TO EXISTING RUNWAY LIGHT 2-20. THIS JUMPER CABLE WILL BE IN PLACE WHEN THE CONTRACTOR TEMPORARILY DISPLACES RUNWAY END 2. THERE WILL BE SUFFICIENT SLACK IN THIS JUMPER CABLE TO ALLOW THE CONTRACTOR TO PLACE IT UP ON THE PAVEMENT WHEN HE IS WORKING ON REMOVING TAXIWAY "B" AND CONSTRUCTING TAXIWAY "A" EXTENSION. THE APPROXIMATE LENGTH OF THE PROPOSED JUMPER CABLE IS 411 LINEAR FEET. THIS JUMPER WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE TEMPORARY DISPLACEMENT OF RUNWAY END 2 AND WILL BE PAID FOR UNDER ITEM AR820912 "TEMPORARY MARK & LIGHT" PER LUMP SUM.

THE CONTRACTOR WILL INSTALL ABOVE THE GROUND EAST AND WEST RUNWAY 2-20 JUMPER CABLES. THE EAST JUMPER CABLE WILL BE RUN FROM EXISTING RUNWAY LIGHT 2-21 TO EXISTING RUNWAY LIGHT 2-22. THE WEST JUMPER CABLE WILL BE RUN FROM EXISTING LIGHT 2-1 TO EXISTING RUNWAY LIGHT 2-85. THESE JUMPER CABLES WILL BE IN PLACE WHEN THE CONTRACTOR BEGINS WORK ON CONSTRUCTING TAXIWAY "A" EXTENSION. THE APPROXIMATE LENGTHS OF THE PROPOSED JUMPER CABLES ARE:

- EAST JUMPER - 249 L.F.
- WEST JUMPER - 445 L.F.

ALL EXISTING RUNWAY 2-20 LIGHTS THAT ARE LOCATED SOUTH OF EXISTING RUNWAY LIGHT 2-1 AND RUNWAY LIGHT 2-20 WILL BE DE-ACTIVATED.

THE CONTRACTOR WILL INSTALL THE ABOVE GROUND TAXIWAY "C" SOUTH AND WEST JUMPER CABLES. THE WEST JUMPER CABLE WILL RUN FROM EXISTING TAXIWAY "C" LIGHT T2-1 TO EXISTING TAXIWAY "C" LIGHT T2-25. THE SOUTH JUMPER CABLE WILL BE RUN FROM EXISTING TAXIWAY "C" LIGHT T2-111 TO EXISTING TAXIWAY "C" LIGHT T2-186. THE APPROXIMATE LENGTHS OF THE PROPOSED JUMPER CABLES ARE:

- WEST JUMPER - 3,717 L.F.
- SOUTH JUMPER - 467 L.F.

**JUMPER CABLE NOTES (CONT.):**

DK050

ALL EXISTING TAXIWAY "C" LIGHTS RUNNING ALONG THE EAST SIDE OF TAXIWAY "C" BETWEEN AND INCLUDING TAXIWAY "C" LIGHTS T2-111 AND T2-75 WILL BE "BAGGED".

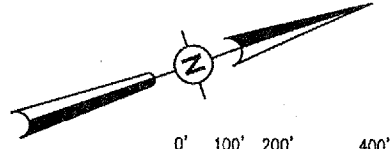
THE CONTRACTOR WILL USE EXTRA CAUTION WHEN CONSTRUCTION EQUIPMENT ARE WORKING IN THE GENERAL AREA OF THESE JUMPER CABLES. THESE JUMPERED LIGHTING CIRCUITS WILL BE CHECKED EVERY EVENING BEFORE THE CONTRACTOR LEAVES THE SITE TO INSURE THE LIGHTING CIRCUITS ARE FUNCTIONING CORRECTLY. IF THE LIGHTING CIRCUITS ARE NOT FUNCTIONING CORRECTLY, THEN THE CONTRACTOR WILL REPAIR/REPLACE THE CABLING UNTIL THE FAILED CIRCUIT DOES FUNCTION CORRECTLY. ANY WORK ASSOCIATED WITH PLACING AND KEEPING THE CIRCUITS ACTIVE WILL BE CONSIDERED INCIDENTAL TO THIS ITEM OF WORK AND NO ADDITIONAL COMPENSTATION WILL BE ALLOWED.

ONCE THE PROPOSED CONSTRUCTION HAS BEEN COMPLETED AND THE JUMPER CABLES CAN BE REMOVED, THE CONTRACTOR WILL REMOVE THE JUMPERS AND RE-CONNECT THE EXISTING POWER CABLES TO THE DESIGNATED LIGHTS. THE REMOVED JUMPER CABLES SHALL BE TURNED OVER TO THE AIRPORT MANAGER FOR FUTURE USE BY THE AIRPORT.

THE INSTALLATION OF THESE JUMPER CABLES, THE BAGGING OF THE LIGHTS, AND THE MAINTENANCE OF THE CABLE AND "BAGGING" WILL BE PAID FOR UNDER ITEM AR800405 "INSTALL TEMPORARY LIGHTING" PER LUMP SUM.

**LEGEND**

- EXISTING PAVEMENT
- EXISTING BUILDINGS
- PROPOSED IMPROVEMENTS
- PROPOSED PAVEMENT REMOVAL
- PROPOSED TRAFFIC CONES
- PROPOSED BARRICADES
- PROPOSED FLAGGER
- EXISTING ELECTRICAL CIRCUIT
- PROPOSED JUMPER CABLE



0' 100' 200' 400'  
 HALF SIZE SCALE: 1" = 400'  
 FULL SIZE SCALE: 1" = 200'

DATE	REVISION	BY

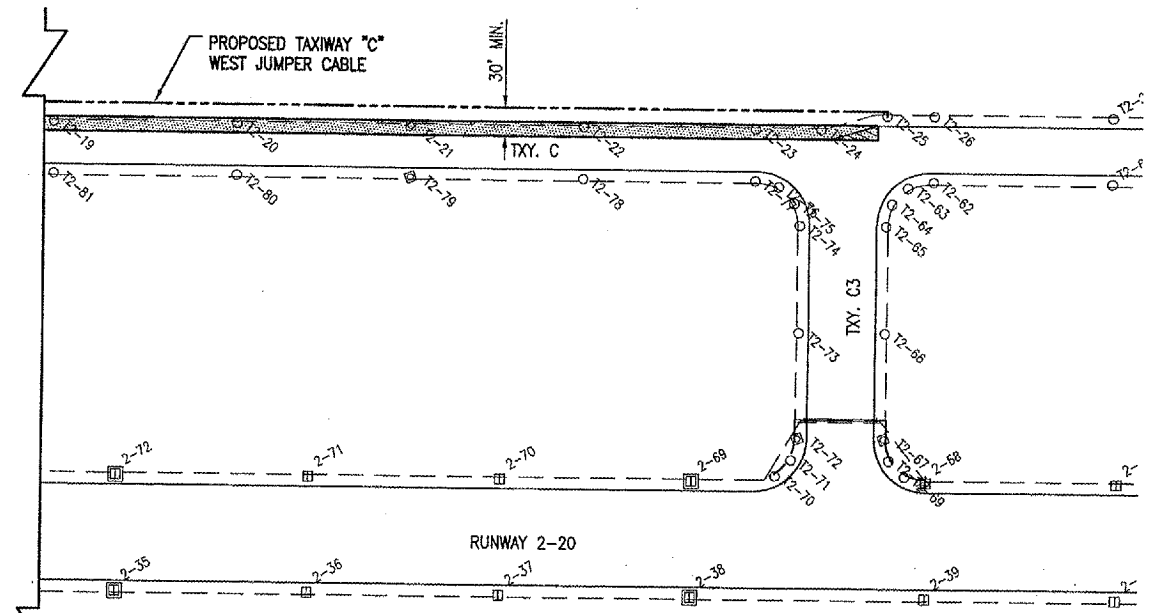
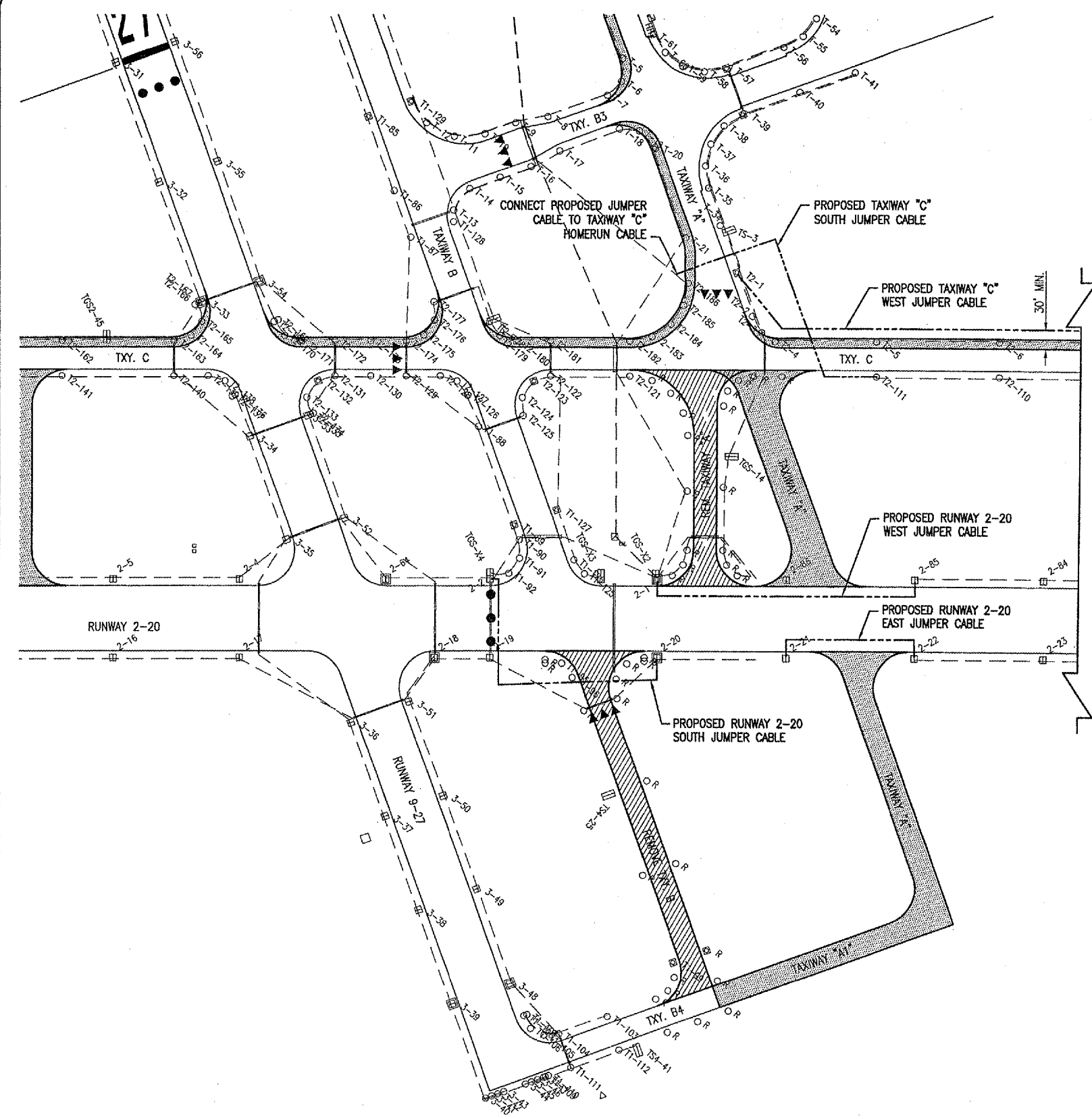
**DIMA**  
 DEKALB TAYLOR MUNICIPAL AIRPORT  
 IL PROJ.: DKB-3448  
 AIR PROJ.: 3-17-0139-B43

HPS Project No. 80305TXAD_0800	
Element: R-14 TELE-TEMP.DWG	
Scale: 1" = 200'	Date: 01/17/06
LAYOUT	K.D.M. 01/17/06
DRAWN	B.A.K. 01/17/06
REVIEWED	C.A.H. 03/16/06

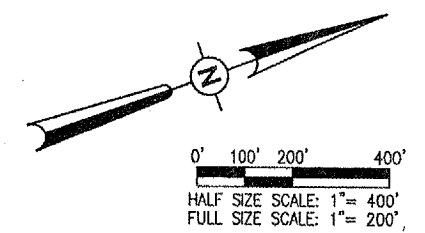
**HANSON**  
 Hanson Professional Services Inc.  
 1525 South Sixth Street  
 Springfield, Illinois 62703-2686  
 Offices Nationwide

DEKALB AIRPORT  
 IMPROVEMENTS  
 PROPOSED RUNWAY 2-20 AND  
 TAXIWAY "C" JUMPER CABLES





- LEGEND**
- EXISTING PAVEMENT
  - EXISTING BUILDINGS
  - PROPOSED IMPROVEMENTS
  - PROPOSED PAVEMENT REMOVAL
  - PROPOSED TRAFFIC CONES
  - PROPOSED BARRICADES
  - PROPOSED FLAGGER
  - EXISTING ELECTRICAL CIRCUIT
  - PROPOSED JUMPER CABLE



DATE	REVISION	BY

**DIMAX**  
DEKALB TAYLOR MUNICIPAL AIRPORT

IL PROJ.: DKB-3448 AIP PROJ.: 3-17-0139-B43

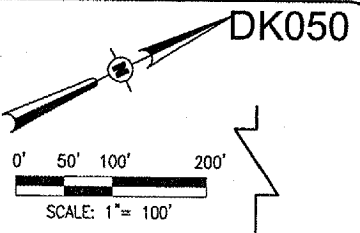
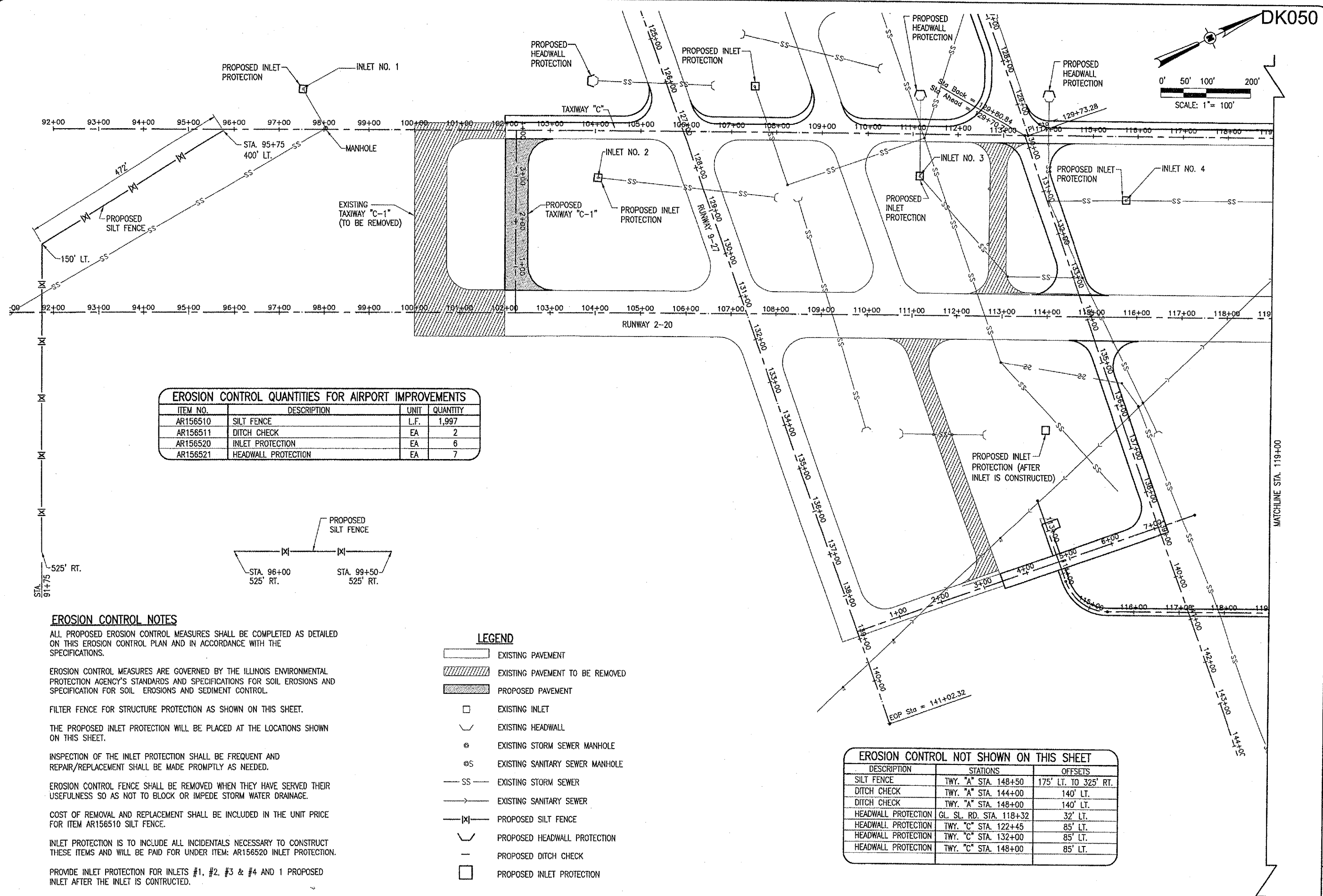
ISS Project No. 803051XAD_0800	Element R-141ELE-TEMP.DWG
Scale 1" = 100'	Date 01/17/06
LAYOUT K.D.M. 01/17/06	DRAWN B.A.K. 01/17/06
REVIEWED C.A.H. 03/16/06	

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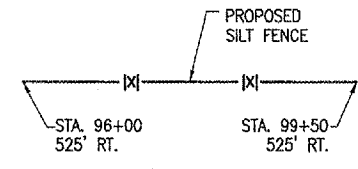
DEKALB AIRPORT IMPROVEMENTS  
PROPOSED JUMPER CABLE DETAILS

MAY 16, 2006 7:36 AM BAK  
I:\AIRPORTS\DEKALB\803-051XAD\AIRPORT\SHEETS\GENERAL\R-141ELE-TEMP.DWG

MAY 16, 2006 7:39 AM BAK  
 I:\AIRPORTS\DEKALB\803-05TX\AIRPORT SHEETS\GENERAL\R-181SWP.DWG



EROSION CONTROL QUANTITIES FOR AIRPORT IMPROVEMENTS			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
AR156510	SILT FENCE	L.F.	1,997
AR156511	DITCH CHECK	EA	2
AR156520	INLET PROTECTION	EA	6
AR156521	HEADWALL PROTECTION	EA	7



**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.

FILTER FENCE FOR STRUCTURE PROTECTION AS SHOWN ON THIS SHEET.

THE PROPOSED INLET PROTECTION WILL BE PLACED AT THE LOCATIONS SHOWN ON THIS SHEET.

INSPECTION OF THE INLET PROTECTION SHALL BE FREQUENT AND REPAIR/REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.

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.

INLET PROTECTION IS TO INCLUDE ALL INCIDENTALS NECESSARY TO CONSTRUCT THESE ITEMS AND WILL BE PAID FOR UNDER ITEM: AR156520 INLET PROTECTION.

PROVIDE INLET PROTECTION FOR INLETS #1, #2, #3 & #4 AND 1 PROPOSED INLET AFTER THE INLET IS CONSTRUCTED.

**LEGEND**

- EXISTING PAVEMENT
- EXISTING PAVEMENT TO BE REMOVED
- PROPOSED PAVEMENT
- EXISTING INLET
- EXISTING HEADWALL
- EXISTING STORM SEWER MANHOLE
- EXISTING SANITARY SEWER MANHOLE
- EXISTING STORM SEWER
- EXISTING SANITARY SEWER
- PROPOSED SILT FENCE
- PROPOSED HEADWALL PROTECTION
- PROPOSED DITCH CHECK
- PROPOSED INLET PROTECTION

EROSION CONTROL NOT SHOWN ON THIS SHEET		
DESCRIPTION	STATIONS	OFFSETS
SILT FENCE	TWY. "A" STA. 148+50	175' LT. TO 325' RT.
DITCH CHECK	TWY. "A" STA. 144+00	140' LT.
DITCH CHECK	TWY. "A" STA. 148+00	140' LT.
HEADWALL PROTECTION	GL. SL. RD. STA. 118+32	32' LT.
HEADWALL PROTECTION	TWY. "C" STA. 122+45	85' LT.
HEADWALL PROTECTION	TWY. "C" STA. 132+00	85' LT.
HEADWALL PROTECTION	TWY. "C" STA. 148+00	85' LT.

REVISION	DATE	BY

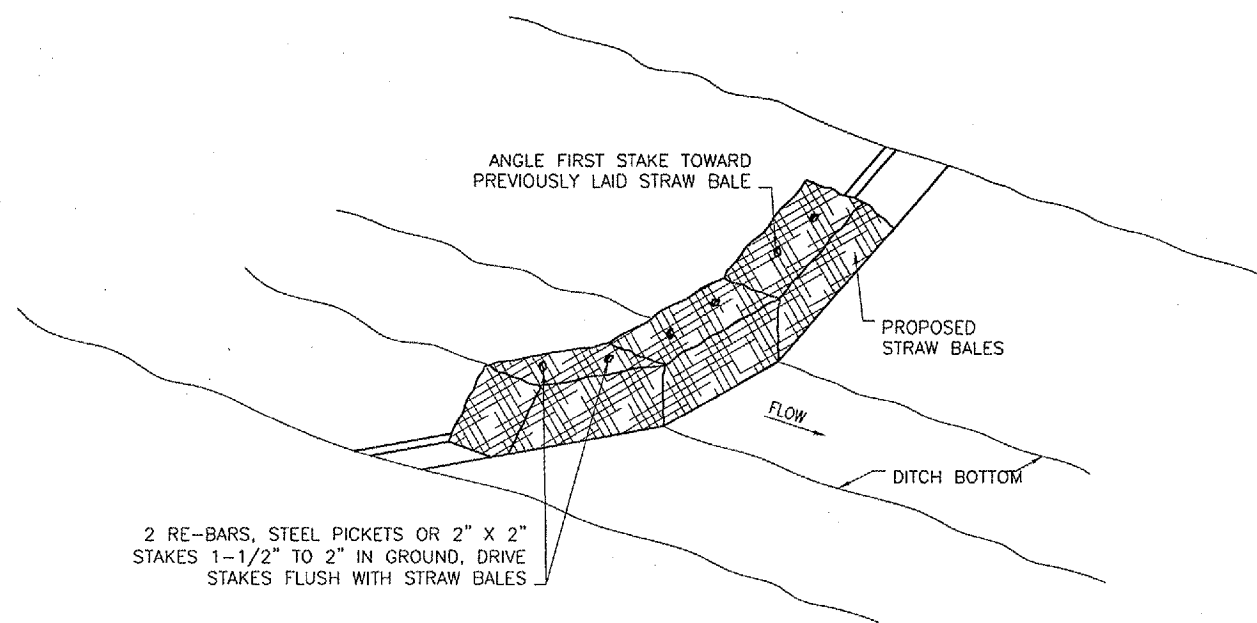


IL PROJ.: DKB-3448 AIP PROJ.: 3-17-0139-843

HB Project No.	80305TXAD.0800
Filename	R-181SWP.DWG
Scale	1"=100'
Date	01/05/04
LAYOUT	CAH 12/29/03
DRAWN	MJR 01/05/04
REVIEWED	CAH 03/06/06

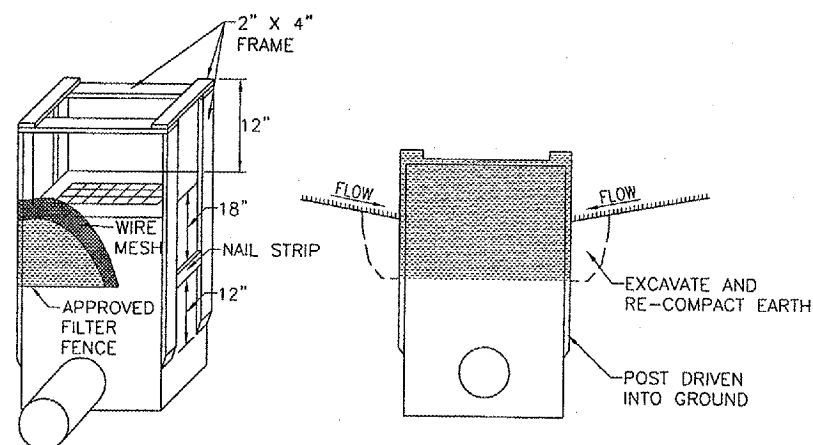


DEKALB AIRPORT IMPROVEMENTS  
 PROPOSED STORM WATER POLLUTION PREVENTION PLAN  
 STA. 91+00 TO STA. 119+00

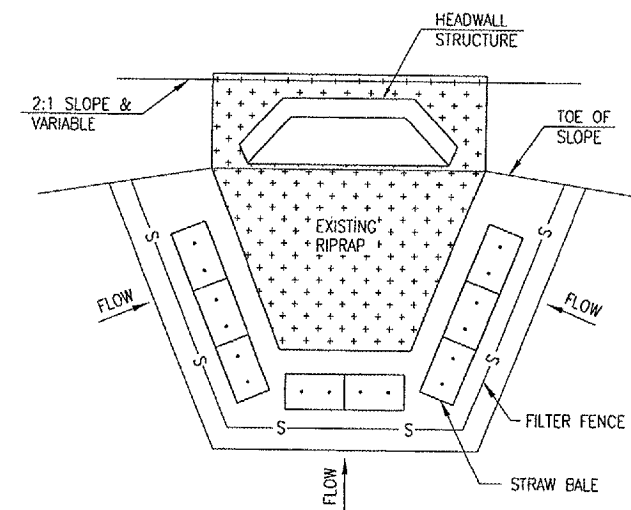


ANCHORING DETAIL

DITCH CHECK DETAIL  
"NOT TO SCALE"

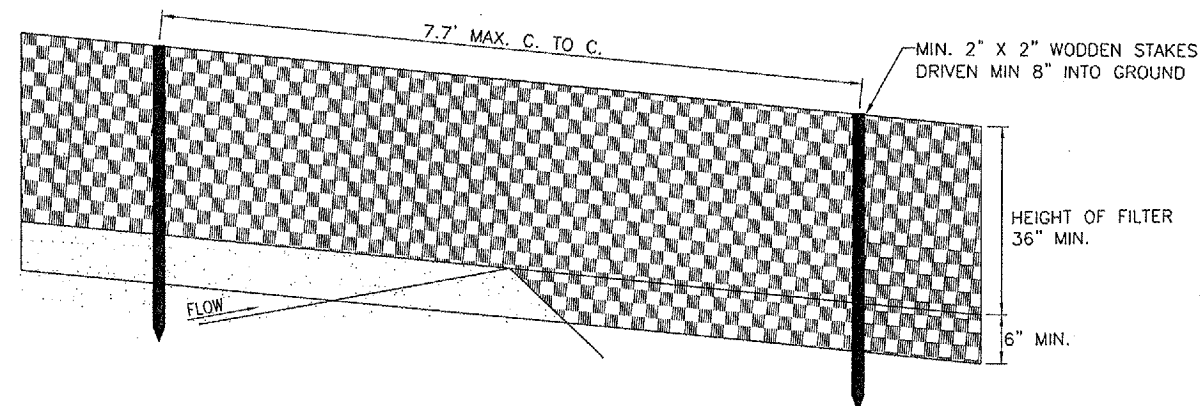


INLET PROTECTION DETAIL  
"NOT TO SCALE"

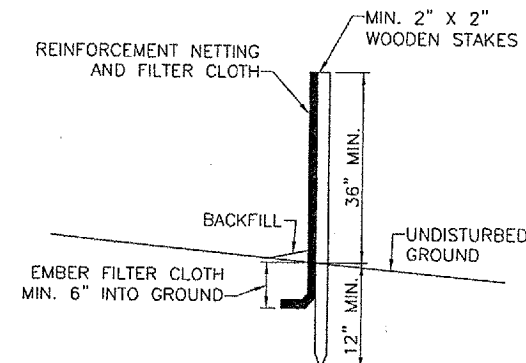


HEADWALL STRUCTURE PROTECTION  
"NOT TO SCALE"

NOTE:  
HEADWALLS FOR 24-IN RCP REQUIRE 24 STRAW BALES AND 24 L.F. OF SILT FILTER FENCE.



PERSPECTIVE VIEW



SECTION

FILTER FENCE DETAIL  
"NOT TO SCALE"

DATE	REVISION	BY

**DTMAX**  
DEKALB TAYLOR MUNICIPAL AIRPORT

AIP PROJ.: 3-17-0139-B43

IL PROJ.: DKB-3448

HEL Project No.	80305IXYAD 0800
File Name	R-581SWP.DWG
Scale	N.T.S.
Date	01/05/04
LAYOUT	MDR 01/05/07
DRAWN	MDR 01/05/04
REVIEWED	CAH 03/06/06

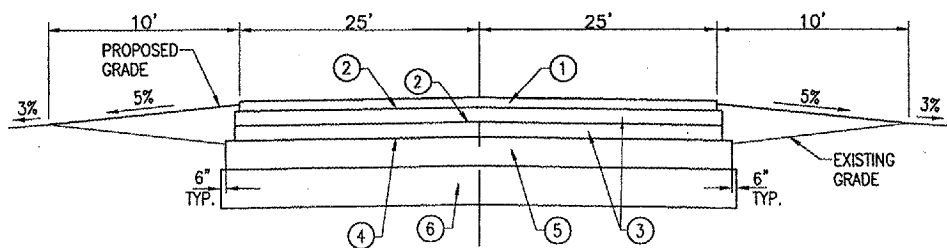
**HANSON**

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

DEKALB AIRPORT  
IMPROVEMENTS  
PROPOSED STORM WATER  
POLLUTION PREVENTION PLAN  
DETAIL SHEET







TAXIWAY TYPICAL SECTION "A-A"  
(NOT TO SCALE)

**TAXIWAY TYPICAL SECTION "A-A" LEGEND**

- ① 401-BITUMINOUS SURFACE COURSE (2" DEPTH)
- ② 603-TACK COAT (0.05 TO 0.15 GAL./S.Y.)
- ③ 201-BITUMINOUS BASE COURSE (2-3" LIFTS)
- ④ 602-PRIME COAT (0.35 GAL./S.Y.)
- ⑤ 209-CRUSHED AGGREGATE BASE COURSE (6" DEPTH)
- ⑥ 208-OVERSIZED AGGREGATE (8" DEPTH)

**PAVING QUANTITIES**

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
AR152410	UNCLASSIFIED EXCAVATION	C.Y.	44,355
AR201610	BITUMINOUS BASE COURSE	TON	704
AR208540	OVERSIZED AGGREGATE	TON	802
AR209510	CRUSHED AGGREGATE BASE COURSE	TON	736
AR401610	BITUMINOUS SURFACE COURSE	TON	230
AR602510	BITUMINOUS PRIME COAT	GAL.	725
AR603510	BITUMINOUS TACK COAT	GAL.	613

**LEGEND**

- EXISTING PAVEMENT
- PROPOSED PAVEMENT
- EXISTING PAVEMENT (TO BE REMOVED)

**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 PROPOSED TAXIWAY C-1.

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

401-4.9 TRANSPORTING, SPREADING, AND FINISHING. DELETE ANY REFERENCE TO STRINGLINE AND SUBSTITUTE THE FOLLOWING:

A STRINGLINE WILL NOT BE REQUIRED ON THE SURFACE LIFT PROVIDING THE BASE COURSE IS PAVED TO A DESIRED SLOPE AND GRADE.

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 THE 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.

**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 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 JANUARY 1, 2004.

603-2.1 BITUMINOUS MATERIAL.

AS PER TABLE 1 LOCATED ON PAGE 66 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JANUARY 1, 2004.

603-3.1 WEATHER LIMITATIONS.

AS PER TABLE 1 LOCATED ON PAGE 66 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JANUARY 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 JANUARY 1, 2004.

THE PROPOSED BITUMINOUS TACK COAT WILL BE PAID FOR UNDER ITEM:  
AR603510 BITUMINOUS TACK COAT \_\_\_\_\_ 613 GAL.

**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 (2-3" DEPTH EACH) ON THE CRUSHED AGGREGATE BASE COURSE FOR THE PROPOSED TAXIWAY "C-1".

THE PROPOSED BITUMINOUS BASE COURSE WILL BE DESIGNED TO A MARSHALL DESIGN OF MORE 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 ONE SIDE OF THE PAVER AND USE DEPTH CHECK CONTROL ON OTHER SIDE, DUE THE IRREGULAR TRANSVERSE SLOPES. THIS WILL KEEP EACH 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:

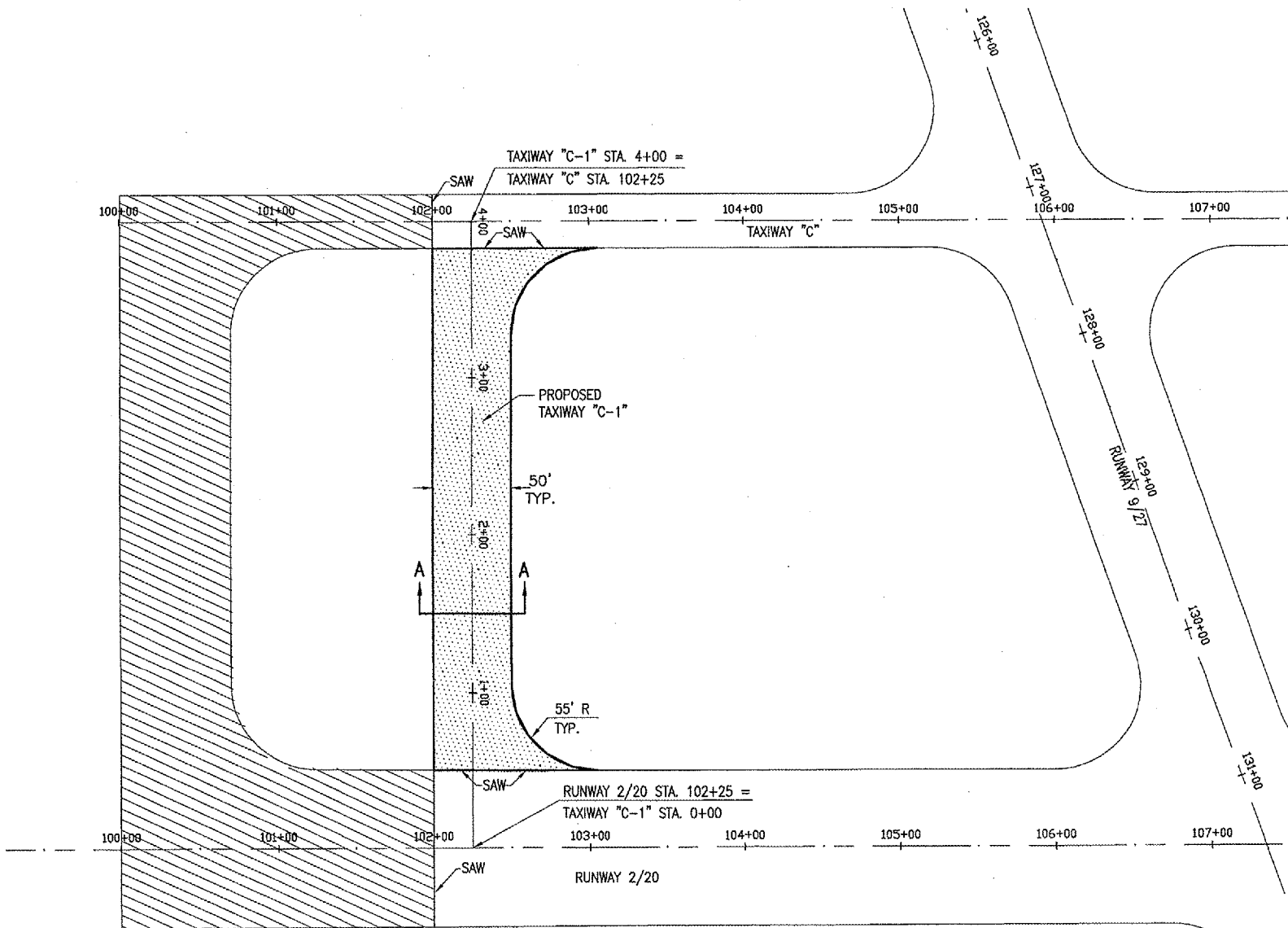
ALL PAVEMENT EDGES (LONGITUDINAL, RADIUS, AND PAVEMENT ENDS) MUST BE LEFT IN PROPER ALIGNMENT AS SHOWN ON THE PLANS. THIS MAY BE ACCOMPLISHED BY THE TRIMMING METHOD OUTLINED ABOVE OR AT THE CONTRACTOR'S OPTION BY SAWING AFTER THE PAVING HAS BEEN COMPLETED. NO ADDITIONAL COMPENSATION WILL BE MADE IF THE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

**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 BASE COURSE. THE PROPOSED AGGREGATE BASE COURSE SHALL HAVE A PRIME COAT OF BITUMINOUS MATERIAL APPLIED IN ACCORDANCE WITH THE REQUIREMENTS OF THE SPECIAL PROVISIONS.

THE PROPOSED BITUMINOUS PRIME COAT WILL BE PAID FOR UNDER ITEM:  
AR602510 BITUMINOUS PRIME COAT \_\_\_\_\_ 725 GAL.



**209-CRUSHED AGGREGATE BASE COURSE NOTES:**

THE CRUSHED AGGREGATE BASE COURSE (209) SHALL BE PLACED IN ACCORDANCE WITH ITEM 209 "CRUSHED AGGREGATE BASE COURSE" AS STATED ON PAGE 45 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

THE BASE COURSE MATERIAL (CA-6) WILL BE USED TO CONSTRUCT A BASE COURSE FOR THE PROPOSED TAXIWAY "C-1", THE BASE COURSE WILL BE 6" IN DEPTH AND COMPACTED TO NOT LESS THAN 95 PERCENT DENSITY.

THE PROPOSED AGGREGATE FOR THE BASE COURSE MATERIAL SHALL MEET THE REQUIREMENTS OF GRADATION "B" IN TABLE 1 OF THE SUPPLEMENTAL SPECIFICATIONS.

209-3.2 EQUIPMENT ADD THE FOLLOWING PARAGRAPHS TO THIS SECTION:

"PROVISIONS SHALL BE MADE BY THE CONTRACTOR FOR FURNISHING WATER AT THE PLANT AND AT THE SITE OF THE WORK BY EQUIPMENT OF AMPLE CAPACITY AND OF SUCH DESIGN AS TO ASSURE UNIFORM MIXING AND APPLICATIONS."

THE CONTRACTOR WILL PROVIDE THE RESIDENT ENGINEER A PROCTOR CURVE SHOWING OPTIMUM DENSITY AND MOISTURE FOR THE SUPPLIED BASE COURSE MATERIAL.

THE COMPACTION CONTROL TEST TO BE USED SHALL BE FAA COMPACTION CONTROL TEST T-611 FOR AIRCRAFT WEIGHING MORE THAN 60,000 LBS.

209-4.1 DELETE THE FIFTH SENTENCE AND REPLACE IT WITH THE FOLLOWING:

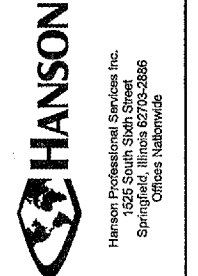
"IF AT THE TIME THE AGGREGATES ARE WEIGHED THEY CONTAIN MORE THAN SIX (6) PERCENT OF ABSORBED AND FREE MOISTURE BY WEIGHT, A DEDUCTION FOR THE MOISTURE IN EXCESS OF THIS AMOUNT SHALL BE MADE IN DETERMINING THE PAY QUANTITY."

APR 04, 2006 7:52 AM BAK \\AIRPORTS\DEKALE\803-051XX\AIRPORT\SHEETS\RWY -2\121CON.DWG

DATE	REVISION	BY



HEL PROJECT NO. 803051XAD 0800	DATE 12/29/03
PLAN NO. R-121CON.DWG	CAH 12/29/03
SCALE 1"=50'	MDR 12/29/03
DATE 12/29/03	CAH 03/06/06
LAYOUT	REVIEWED
DRAWN	

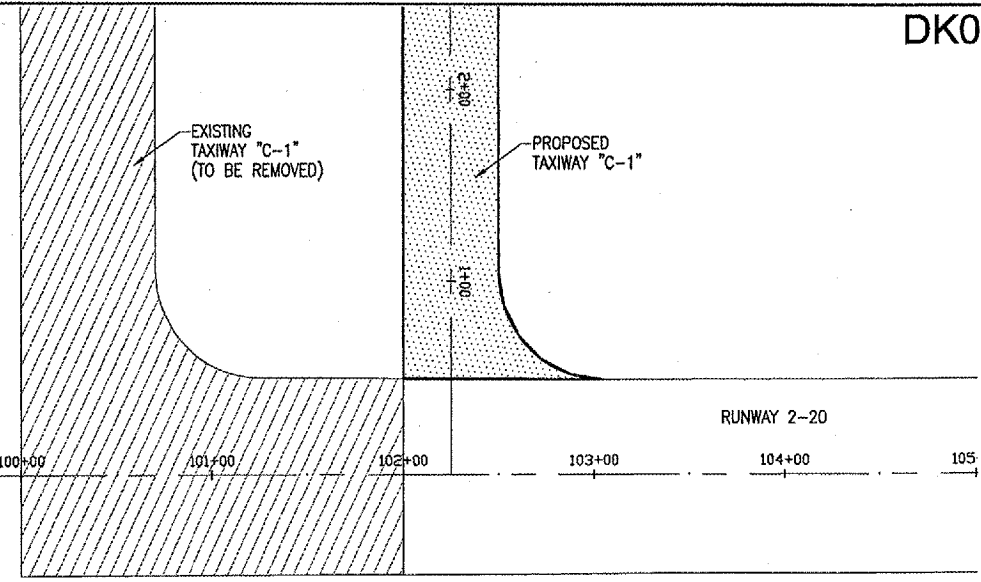


REMOVE AND REGRADE  
RUNWAY END 2  
PROPOSED  
CONSTRUCTION  
PLAN

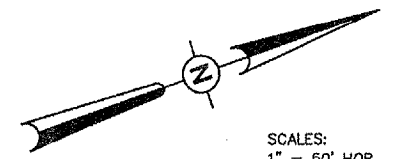
APR 07, 2006 9:42 AM BAK  
 I:\AIRPORTS\DEKALB\B03-05TXVA\AIRPORT\SHEETS\RWY -2\RCPO1001.DWG

**LEGEND**  
 [White Box] EXISTING PAVEMENT  
 [Hatched Box] EXISTING PAVEMENT TO BE REMOVED  
 [Dotted Box] PROPOSED PAVEMENT

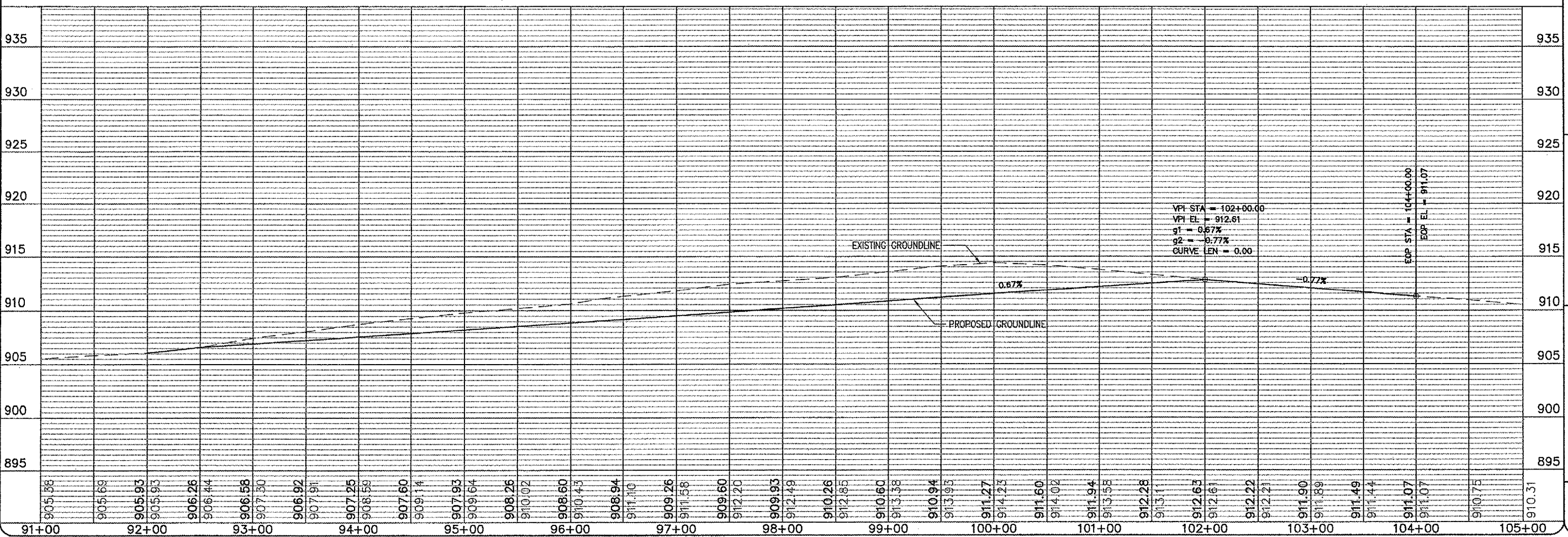
00 92+00 93+00 94+00 95+00 96+00 97+00 98+00 99+00 100+00 101+00 102+00 103+00 104+00 105



DK050



SCALES:  
 1" = 50' HOR  
 1" = 5' VER



DATE	REVISION	BY

**DIMAX**  
 DEKALB TAYLOR MUNICIPAL AIRPORT  
 ILL. PROJ.: DK9-3448 AIP PROJ.: 3-17-0139-B42

FILE PROJECT No. 80305TXVA0800	PLAN No. RCPO1001.DWG
DATE 8/19/04	SCALE H. 1" = 50' V. 1" = 5'
LAYOUT TXW 8/19/04	DRAWN TXW 8/19/04
REVIEWED CAH 03/06/06	

**HANSON**  
 Hanson Professional Services Inc.  
 1225 S. 4th Street  
 Springfield, Illinois 62703-2888  
 Offices Nationwide

REMOVE AND REGRADE  
 RUNWAY END 2  
 PROPOSED PLAN & PROFILE  
 FOR RUNWAY END 2  
 STA. 91+00 TO STA. 105+00

**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 MORE 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 \_\_\_\_\_ 44,355 C.Y.

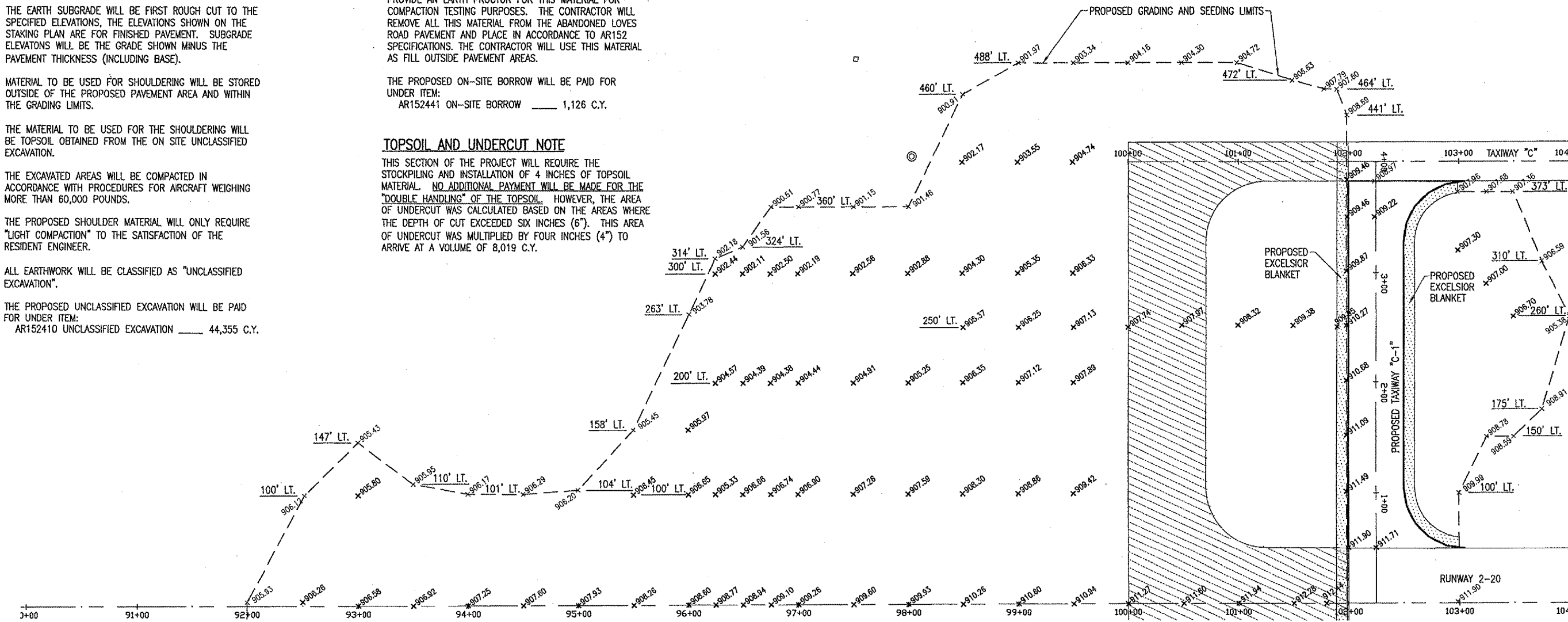
**ON-SITE BORROW NOTES:**

THE CITY OF DEKALB HAS STOCKPILED 1,126 C.Y. OF EARTH MATERIAL (CLAY & TOPSOIL) ON ABANDONED LOVES ROAD. THIS AREA WILL BE CONSIDERED THE ON-SITE BORROW FOR THE "REMOVE AND REGRADE RUNWAY END 2" PORTION OF THIS PROJECT. THE CONTRACTOR WILL PROVIDE AN EARTH PROCTOR FOR THIS MATERIAL FOR COMPACTION TESTING PURPOSES. THE CONTRACTOR WILL REMOVE ALL THIS MATERIAL FROM THE ABANDONED LOVES ROAD PAVEMENT AND PLACE IN ACCORDANCE TO AR152 SPECIFICATIONS. THE CONTRACTOR WILL USE THIS MATERIAL AS FILL OUTSIDE PAVEMENT AREAS.

THE PROPOSED ON-SITE BORROW WILL BE PAID FOR UNDER ITEM:  
AR152441 ON-SITE BORROW \_\_\_\_\_ 1,126 C.Y.

**TOPSOIL AND UNDERCUT NOTE**

THIS SECTION OF THE PROJECT WILL REQUIRE THE STOCKPILING AND INSTALLATION OF 4 INCHES OF TOPSOIL MATERIAL. NO ADDITIONAL PAYMENT WILL BE MADE FOR THE "DOUBLE HANDLING" OF THE TOPSOIL. HOWEVER, THE AREA OF UNDERCUT WAS CALCULATED BASED ON THE AREAS WHERE THE DEPTH OF CUT EXCEEDED SIX INCHES (6"). THIS AREA OF UNDERCUT WAS MULTIPLIED BY FOUR INCHES (4") TO ARRIVE AT A VOLUME OF 8,019 C.Y.



NOTE:  
MATCHLINE AT RUNWAY 2-20 CENTERLINE.  
SEE NEXT SHEET FOR REMAINING GRADES.

**REMOVE BITUMINOUS PAVEMENT**

THE AREA DESIGNATED AS [diagonal hatching symbol] ON THIS SHEET WILL HAVE THE EXISTING PAVEMENT REMOVED (FULL DEPTH) TO A SUITABLE SUBGRADE. ALL REMOVED MATERIAL WILL BE DISPOSED OF OFF THE AIRPORT SITE.

WHERE THE PROPOSED REMOVAL AREA ABUTTS THE EXISTING PAVEMENT, THE PAVEMENT WILL BE SAWS AS SHOWN ON THIS SHEET. THE SAWING WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE PROPOSED PAVEMENT REMOVAL AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

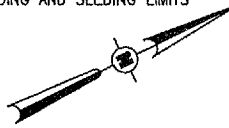
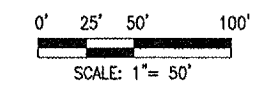
ANY ADJACENT PAVEMENT DAMAGED BY THE PAVEMENT REMOVAL OPERATIONS WILL BE REPAIRED AT THE CONTRACTOR'S OWN EXPENSE.

THE REMOVAL OF BITUMINOUS PAVEMENT WILL BE PAID FOR UNDER ITEM:  
AR401900 "REMOVE BITUMINOUS PAVEMENT" \_\_\_\_\_ 5,730 SQ. YDS.

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.

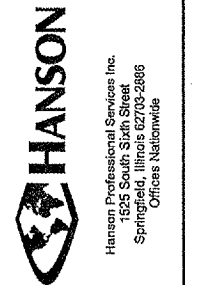
- LEGEND**
- [diagonal hatching symbol] EXISTING PAVEMENT
  - [solid black symbol] PROPOSED PAVEMENT
  - [diagonal hatching symbol] EXISTING PAVEMENT (TO BE REMOVED)
  - [dotted symbol] PROPOSED EXCELSIOR BLANKET
  - [square symbol] EXISTING INLET
  - [circle with center symbol] EXISTING MANHOLE
  - [solid line symbol] EXISTING GRADE
  - [dashed line symbol] PROPOSED GRADE
  - [long dashed line symbol] PROPOSED GRADING AND SEEDING LIMITS



DATE	REVISION	BY



IFS Project No. 80305TXD_0800 Filename R-191STK.DWG Scale 1" = 50' Date 8/19/04	LAYOUT TW 8/19/04 DRAWN TW 8/19/04 REVIEWED CAH 03/06/06
--	--



REMOVE AND REGRADE RUNWAY END 2  
 PROPOSED STAKING PLAN  
 STA. 92+00 TO STA. 104+00

APR 06, 2006 3:13 PM BAK I:\AIRPORTS\DEKALB\803-05TXVA\AIRPORT\SHEETS\RWY-2\191STK.DWG

AIP PROJ.: 3-17-0139-B42 I.L. PROJ.: DKB-3448





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.

SEEDING DATA

THE GRADING LIMITS ARE SHOWN ON THE STAKING PLAN SHEETS BY A HEAVY DASHED LINE (---). ALL AREAS WITHIN THESE LIMITS, EXCEPT THE PROPOSED PAVEMENT, SHALL BE LIMED, FERTILIZED AND SEEDDED IN ACCORDANCE WITH THE FOLLOWING FORMULA AND RATES OF APPLICATION.

Table with 2 columns: Fertilizer/Seed Name and Rate. Includes Lime (2 tons/acre), Fertilizer (N, P2O5, K2O), and Seeding (Alta Fescue, Perennial Ryegrass, etc.).

Table with 2 columns: Seeding Name and Rate. Includes Alta Fescue (80), Perennial Ryegrass (30), Creeping Red Fescue (20), Spring Oats (48), and Area to be Seeded (28.0 acres).

EXCELSIOR BLANKET NOTES

AN EROSION CONTROL MATERIAL (EXCELSIOR BLANKET) WILL BE INSTALLED AT THE LOCATIONS SHOWN ON THIS SHEET AND IN ACCORDANCE WITH THE SPECIAL PROVISIONS.

THIS ITEM OF WORK SHALL BE PAID FOR UNDER ITEM: AR908520 "EXCELSIOR BLANKET" 947 S.Y.

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 IS 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 28.2 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 WILL FURNISH HYDROMULCH AS THE TYPE OF MULCH MATERIAL TO BE USED ON THIS PROJECT.

908-3.1 THE HYDROMULCH 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 28.1 ACRES

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
EXISTING GRADE
PROPOSED GRADE
PROPOSED GRADING AND SEEDING LIMITS
PROPOSED SWALE

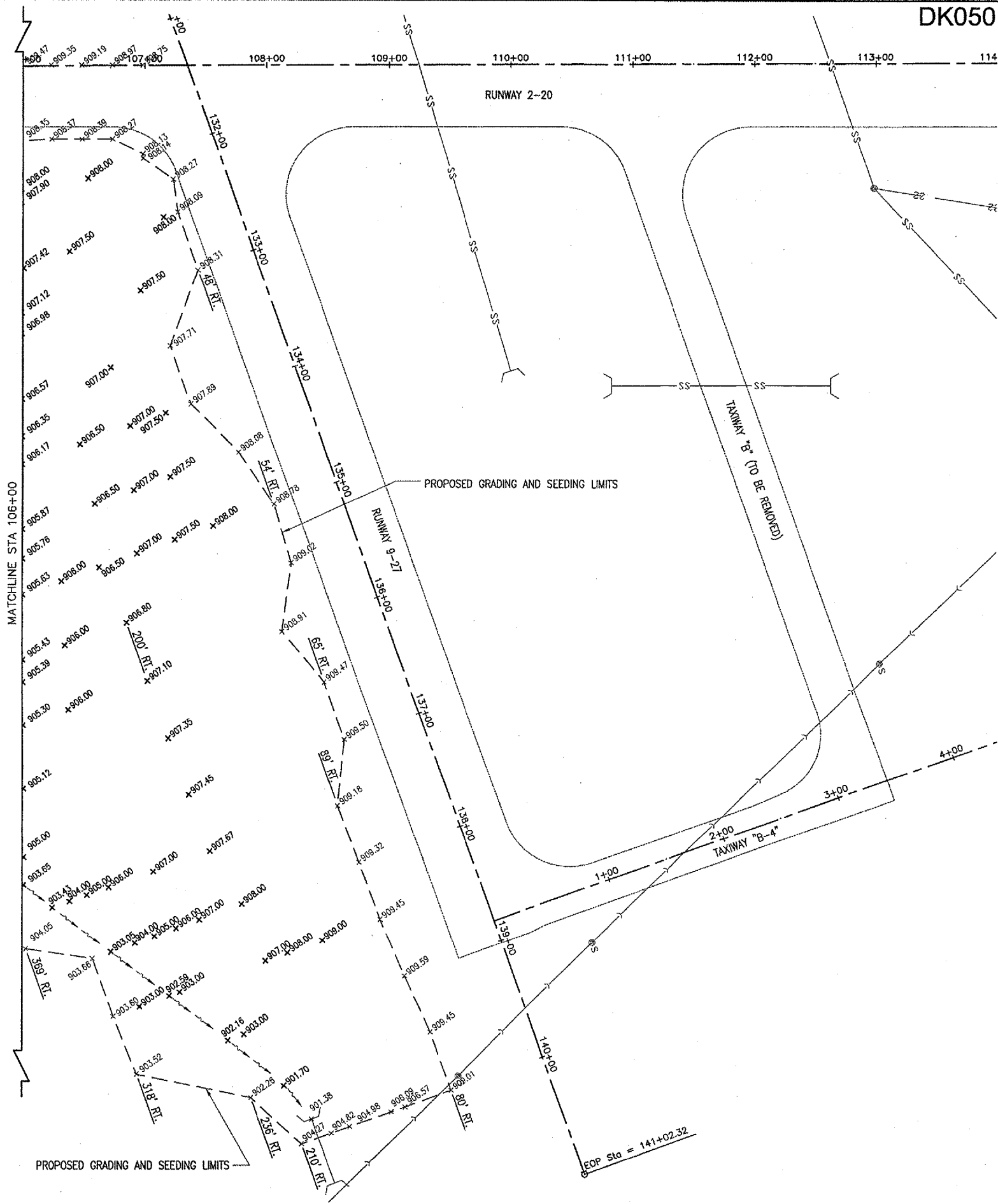
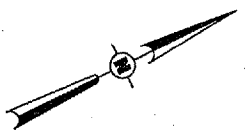
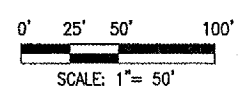
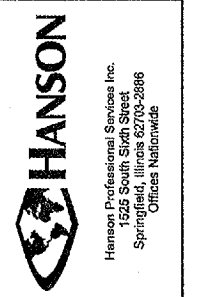


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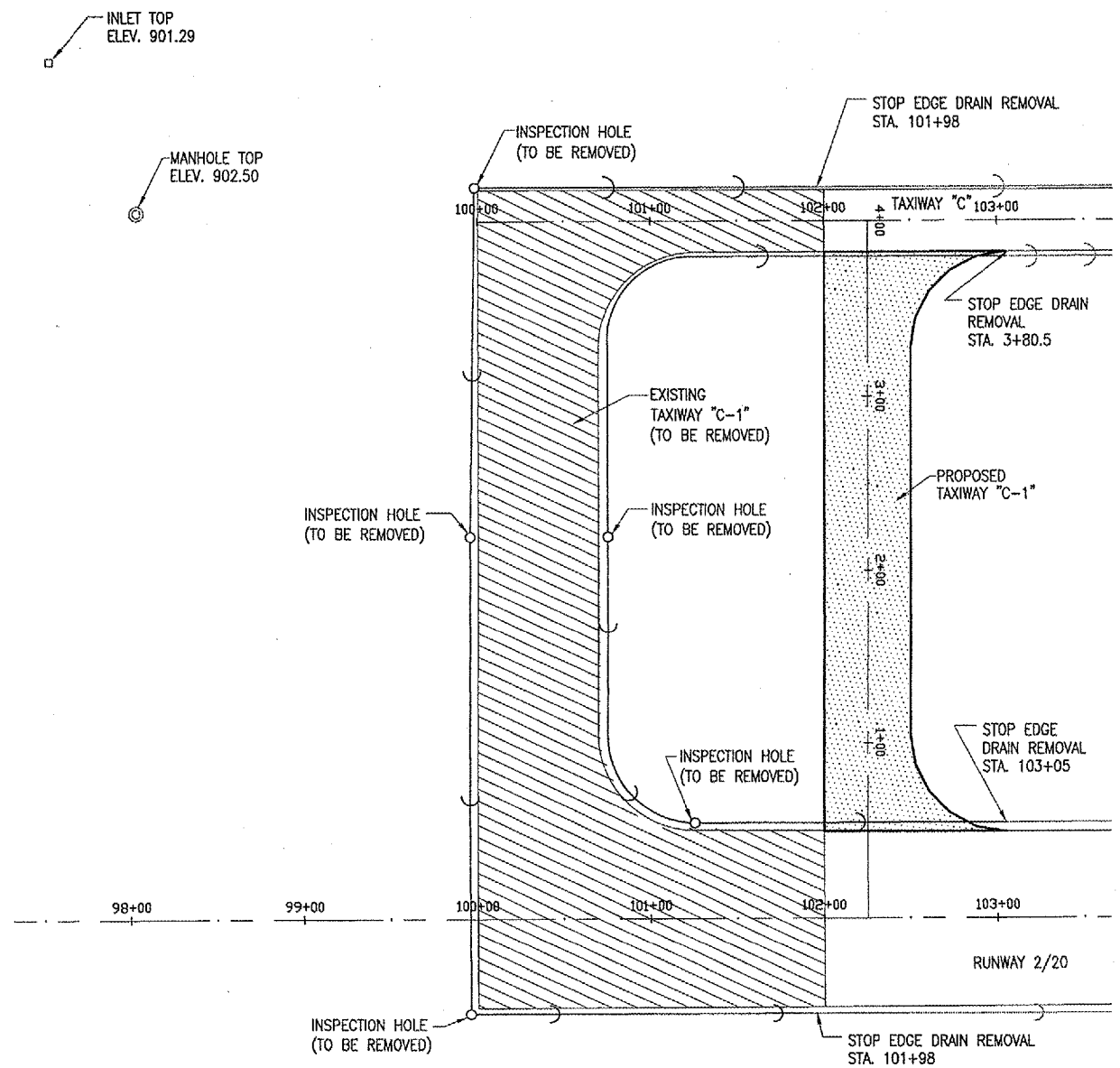


Table with columns: FILE, DRAWN, REVIEWED, DATE. Includes project file name 'R-19-35STK.DWG' and dates '8/19/04'.



REMOVE AND REGRADE RUNWAY END 2 PROPOSED STAKING PLAN FOR RUNWAY 9-27 RT. OF CL STA. 132+00 TO STA. 140+00

APR 07, 2006 9:48 AM BAK I:\AIRPORTS\DEKALB\803-051XX\AIRPORT\SHEETS\RWY -2\19-35STK.DWG



EXISTING UNDERDRAIN LAYOUT

705-UNDERDRAIN NOTES:

THE PROPOSED UNDERDRAIN PIPE WILL BE CONSTRUCTED IN ACCORDANCE WITH ITEM 705 "PIPE UNDERDRAINS FOR AIRPORTS" AS STATED ON PAGE 109 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

THIS ITEM OF WORK SHALL CONSIST OF FURNISHING AND INSTALLING 4" P.E. TUBING (WRAPPED) AND UNDERDRAIN INSPECTION HOLES AT THE LOCATIONS AND TO THE GRADES SHOWN ON THE CONSTRUCTION PLANS.

705-3.3 LAYING AND INSTALLING PIPE. REVISE THIS SECTION AS FOLLOWS:

"PIPE DRAINS SHALL BE INSTALLED AT THE LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER. THE PIPE SHALL BE BEDDED IN THE UNDERLYING MATERIAL TO A DEPTH NOT LESS THAN 10 PERCENT OF THE EXTERNAL DIAMETER OF THE PIPE, AND WHERE TRENCHING IS REQUIRED, THE TRENCH SHALL HAVE A WIDTH OF NOT LESS 8 IN. THE BOTTOM OF THE TRENCH SHALL BE COMPACTED IN A MANNER MEETING THE APPROVAL OF THE ENGINEER.

JOINTS AND FITTINGS MAY BE ASSEMBLED WITHOUT GASKETS OR SOLVENT CEMENT IF THE JOINT IS SAND TIGHT AND THE SPIGOT ENTERS THE SOCKET NOT LESS THAN 1/3 OF THE SOCKET DEPTH FOR SOLVENT CEMENT JOINTS AND FULL-DEPTH FOR ELASTOMERIC GASKET JOINTS.

NO PIPE SHALL BE PLACED IN THE TRENCH UNTIL IT AND THE PREPARED FOUNDATION HAVE BEEN APPROVED BY THE RESIDENT ENGINEER. THE PIPE SHALL BE LAID SO THAT THE FLOWLINE WILL BE AT THE GRADE SHOWN ON THE PLANS OR ESTABLISHED BY THE RESIDENT ENGINEER. THE PERMISSIBLE MINIMUM COVER OVER A PIPE SHALL BE 6 IN.

LAYING OF PIPES SHALL COMMENCE AT THE OUTLET END AND PROCEED TOWARD THE INLET END WITH THE PIPES TRUE TO LINE AND GRADE.

THE ENDS OF THE PIPE SHALL BE CAREFULLY CLEANED BEFORE THEY ARE PLACED, AND SHALL BE PLACED TO AVOID UNNECESSARY HANDLING ON THE FOUNDATION. AS EACH LENGTH OF PIPE IS LAID, THE ENDS OF THE PIPE SHALL BE PROTECTED TO PREVENT THE ENTRANCE OF ANY MATERIAL.

LONGITUDINAL LAPS SHALL BE PLACED AT THE SIDES AND SEPARATE SECTIONS OF PIPE SHALL BE JOINED WITH TIGHTLY-DRAWN, APPROVED CONNECTING BANDS.

THE TRENCH SHALL BE BACKFILLED WITH SELECT MATERIAL, MEETING THE APPROVAL OF THE ENGINEER, PLACED IN 8 IN. LAYERS, LOOSE MEASUREMENT, AND COMPACTED TO THE ENGINEER'S SATISFACTION. THE PIPE UNDER PROPOSED PAVEMENT, PLUS 10 FT ON EITHER SIDE, WILL BE BACKFILLED WITH POROUS BACKFILL TO THE ORIGINAL GROUND ELEVATIONS OR TO THE SUBGRADE ELEVATION IF THE FILL HAS BEEN CONSTRUCTED PRIOR TO THE INSTALLATION."

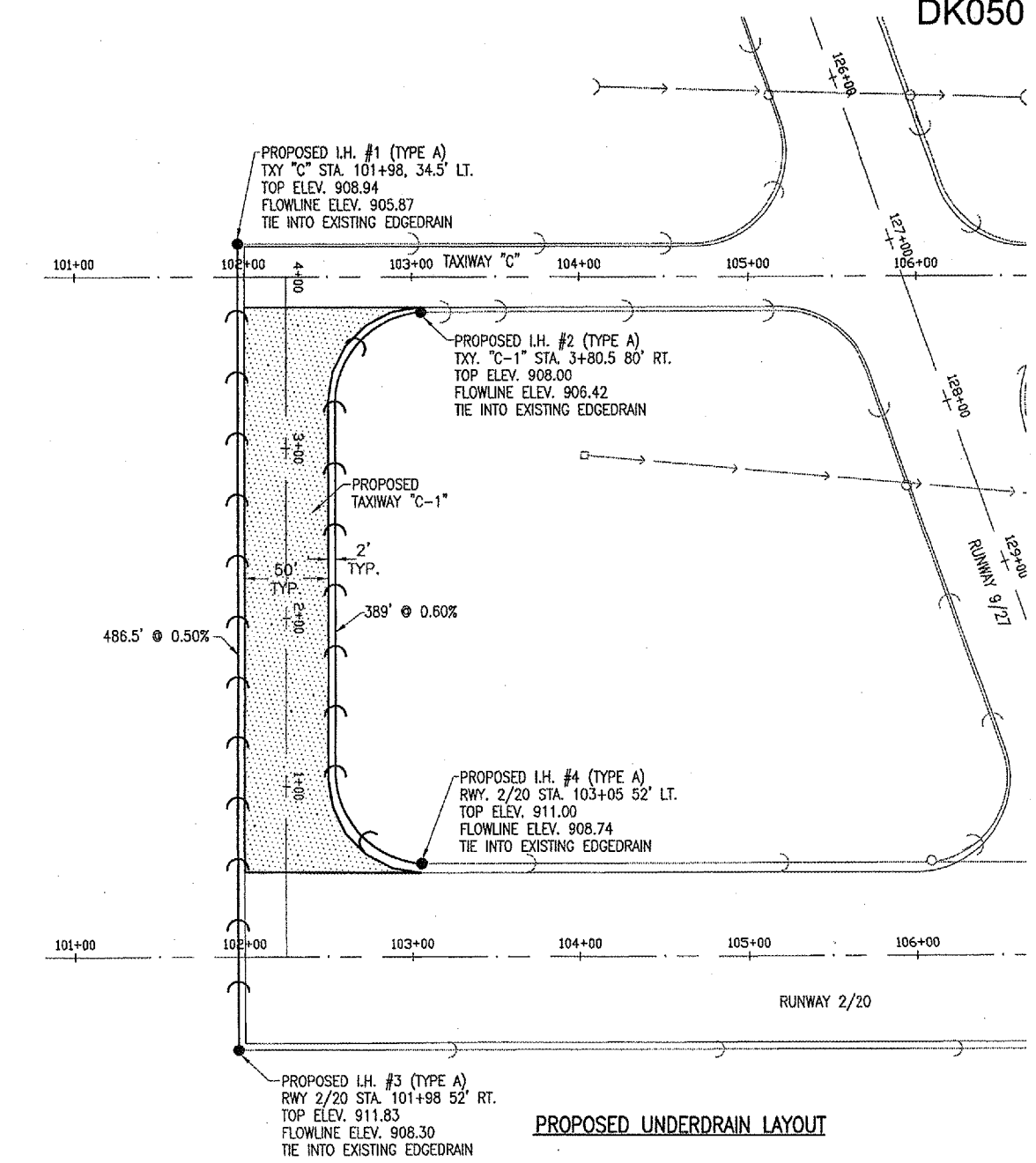
THE CONTRACTOR SHALL VERIFY THE FLOWLINE ELEVATION OF ALL PROPOSED INSPECTION HOLES. ADJUSTMENTS TO SLOPES ON THE PROPOSED PIPE WILL BE DONE TO ACCOMMODATE CHANGES IN THESE ELEVATIONS.

705-3.6 BACKFILLING; ADD THE FOLLOWING TO THIS SECTION:

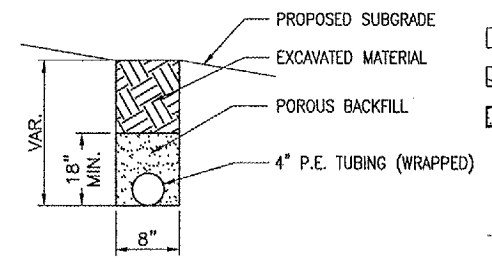
"THE EDGE DRAIN TRENCH WILL BE BACKFILLED WITH POROUS BACKFILL NO. 1 IN ACCORDANCE WITH THE DETAIL ON THE CONSTRUCTION PLANS. THE POROUS BACKFILL WILL BE COMPACTED IN ACCORDANCE WITH THE SPECIFICATION SET FORTH FOR GRANULAR MATERIAL BACKFILL."

THE PROPOSED UNDERDRAIN PIPE WILL BE PAID FOR UNDER ITEMS:

AR705410 POROUS BACKFILL	32 C.Y.
AR705524 4" PERFORATED UNDERDRAIN W/SOCK	876 L.F.
AR705530 UNDERDRAIN INSPECTION HOLE	4 EACH
AR705900 REMOVE UNDERDRAIN	1,587 L.F.
AR705903 REMOVE UNDERDRAIN INSP. HOLE	5 EACH

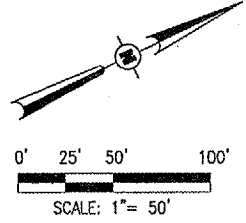


PROPOSED UNDERDRAIN LAYOUT



UNDERDRAIN DETAIL  
NOT TO SCALE

- LEGEND
- EXISTING PAVEMENT
  - EXISTING PAVEMENT TO BE REMOVED
  - PROPOSED PAVEMENT
  - EXISTING HEADWALL
  - EXISTING INLET
  - EXISTING STORM SEWER
  - EXISTING INSPECTION HOLE
  - EXISTING INSPECTION HOLE (TO BE REMOVED)
  - EXISTING UNDERDRAIN
  - EXISTING UNDERDRAIN (TO BE REMOVED)
  - PROPOSED INSPECTION HOLE
  - PROPOSED UNDERDRAIN



APR 04, 2006 8:05 AM BAK I:\AIRPORTS\DEKALB\803-051XVA\AIRPORT\SHETS\RWY -2\R-131DRN.DWG

DATE	REVISION	BY

**DIMA**  
DEKALB TAYLOR MUNICIPAL AIRPORT  
IL. PROJ.: DKG-3448 AIP PROJ.: 3-17-01-39-B42

HEL PROJECT No. 803051XVAD_0800	DATE 12/29/03
ELEVATION R-131DRN.DWG	DATE 12/29/03
SCALE 1" = 50'	DATE 12/29/03
LAYOUT CAH 12/29/03	DATE 12/29/03
DRAWN MDR 12/29/03	DATE 12/29/03
REVIEWED CAH 03/06/06	DATE 03/06/06

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

REMOVE AND REGRADE  
RUNWAY END 2  
PROPOSED  
UNDERDRAIN  
PLAN

REVISION	BY
DATE	

**DIMAX**  
**DEKALB TAYLOR MUNICIPAL AIRPORT**  
 I.L. PROJ.: DK0-3448 AIP PROJ.: 3-17-0139-B42

12/29/03	CAH
12/29/03	MDR
03/06/06	CAH

**HANSON**  
 Hanson Professional Services Inc.  
 1505 E. Lake Street  
 Springfield, Illinois 62705-2886  
 Offices Nationwide

REMOVE AND REGRADE  
 RUNWAY END 2  
 EXISTING ELECTRICAL PLAN

**LIGHT REMOVAL NOTES**

ALL EXISTING RUNWAY AND TAXIWAY LIGHTS THAT ARE DESIGNATED FOR REMOVAL WITH AN "X" WILL BE REMOVED. THE LIGHTS AND THEIR ISOLATING TRANSFORMER WILL BE TURNED OVER TO THE AIRPORT MANAGER. THE LIGHT STAKES/BASES WILL BE REMOVED AND DISPOSED OF OFF THE AIRPORT SITE.

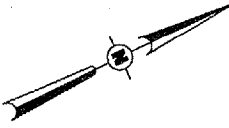
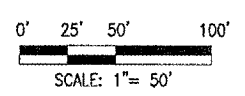
THE HOLE LEFT FROM THE LIGHT REMOVAL WILL BE FILLED IN WITH EARTH AND COMPACTED TO PREVENT FUTURE SETTLEMENT. THE DISTURBED AREAS WILL BE FERTILIZED AND SEEDDED IN ACCORDANCE WITH THE SPECIAL PROVISIONS.

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

REMOVAL OF THE EXISTING LIGHTS AND ISOLATING TRANSFORMERS WILL BE PAID FOR UNDER ITEMS:  
 AR125901 "REMOVE STAKE MOUNTED LIGHT" PER EACH AND  
 AR125902 "REMOVE BASE MOUNTED LIGHT" PER EACH.

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.

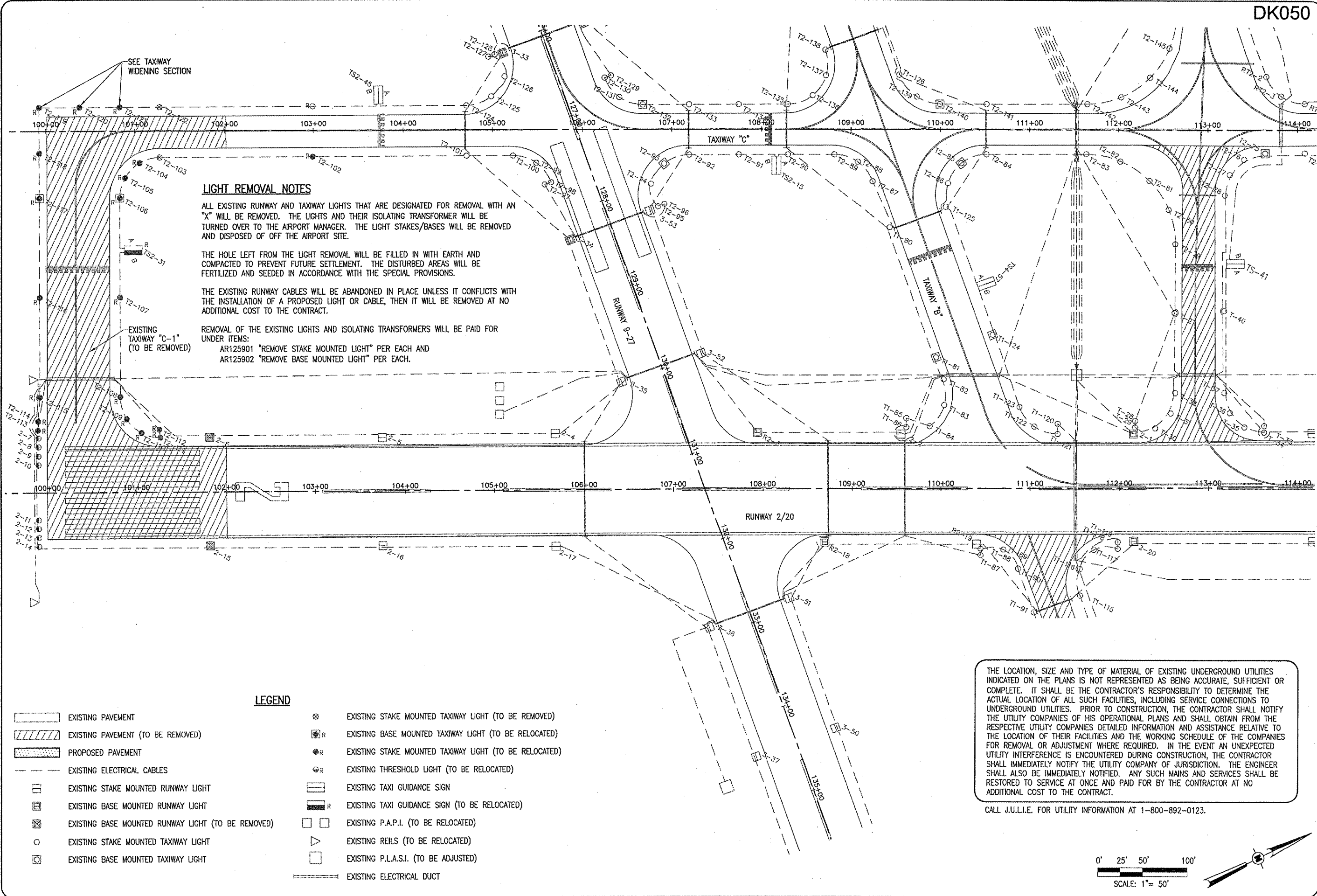
CALL J.U.L.I.E. FOR UTILITY INFORMATION AT 1-800-892-0123.



**LEGEND**

- EXISTING PAVEMENT
- EXISTING PAVEMENT (TO BE REMOVED)
- PROPOSED PAVEMENT
- EXISTING ELECTRICAL CABLES
- EXISTING STAKE MOUNTED RUNWAY LIGHT
- EXISTING BASE MOUNTED RUNWAY LIGHT
- EXISTING BASE MOUNTED RUNWAY LIGHT (TO BE REMOVED)
- EXISTING STAKE MOUNTED TAXIWAY LIGHT
- EXISTING BASE MOUNTED TAXIWAY LIGHT
- EXISTING STAKE MOUNTED TAXIWAY LIGHT (TO BE REMOVED)
- EXISTING BASE MOUNTED TAXIWAY LIGHT (TO BE RELOCATED)
- EXISTING STAKE MOUNTED TAXIWAY LIGHT (TO BE RELOCATED)
- EXISTING THRESHOLD LIGHT (TO BE RELOCATED)
- EXISTING TAXI GUIDANCE SIGN
- EXISTING TAXI GUIDANCE SIGN (TO BE RELOCATED)
- EXISTING P.A.P.I. (TO BE RELOCATED)
- EXISTING REILS (TO BE RELOCATED)
- EXISTING P.L.A.S.I. (TO BE ADJUSTED)
- EXISTING ELECTRICAL DUCT

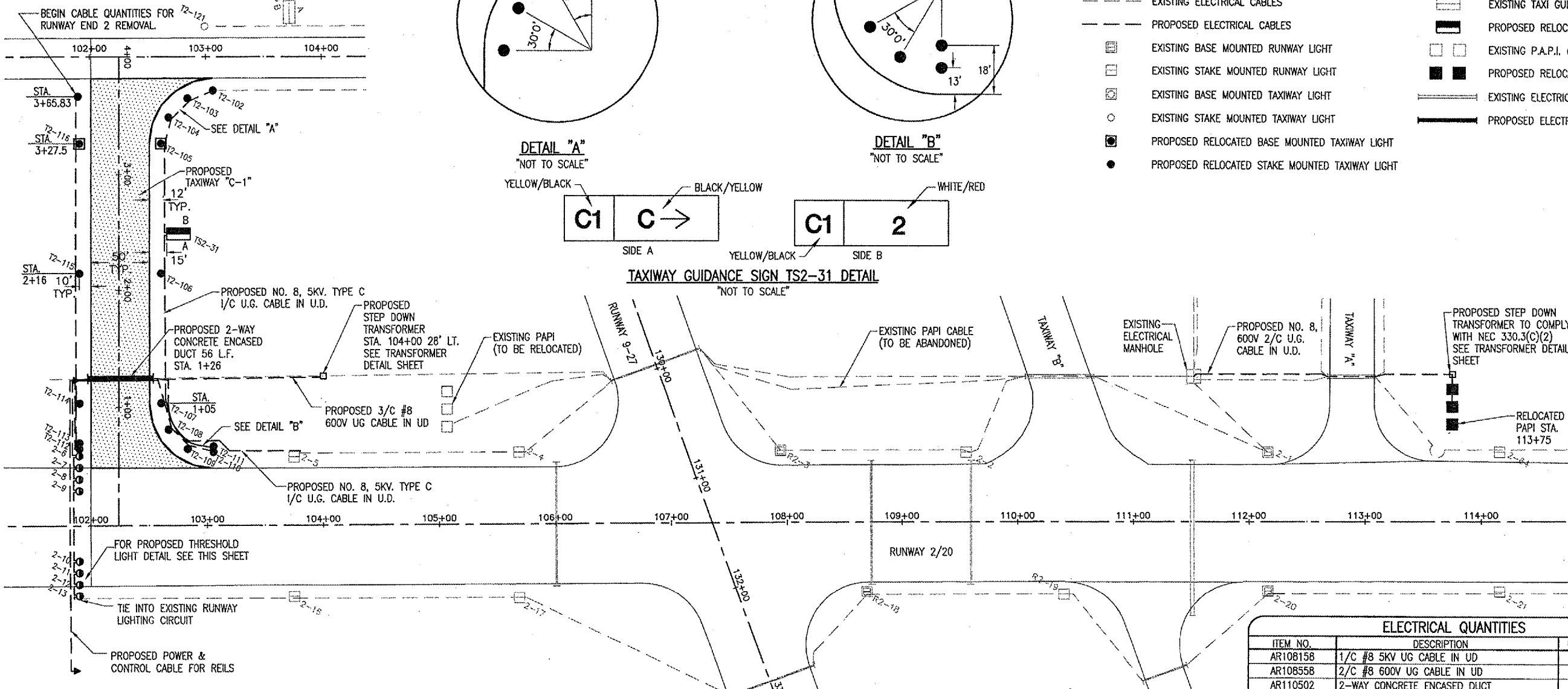
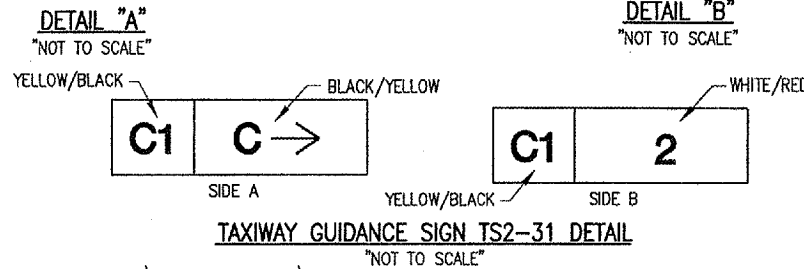
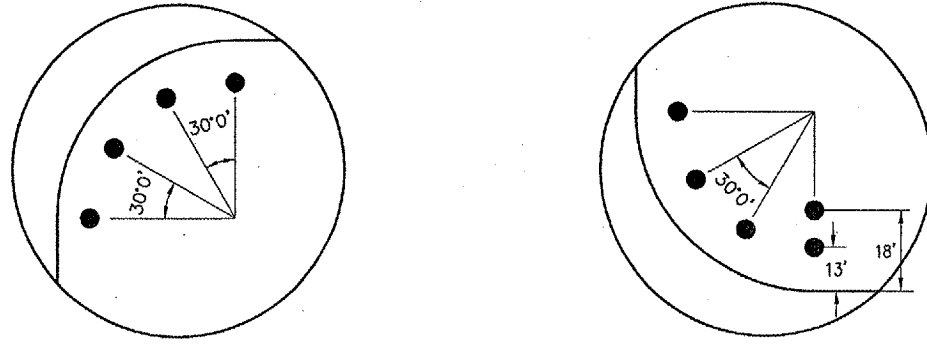
APR 03, 2006 11:25 AM BAK I:\AIRPORTS\DEKALB\803-05TAXI\AIRPORT\SHEETS\RYM -2\R-141ELE.DWG



**NOTE:**  
FOR ELECTRICAL LAYOUT BEYOND THIS POINT SEE PROPOSED ELECTRICAL PLAN IN TAXIWAY "A" & "C" WIDENING SECTION.

DK050

- LEGEND**
- EXISTING PAVEMENT
  - PROPOSED PAVEMENT
  - EXISTING ELECTRICAL CABLES
  - PROPOSED ELECTRICAL CABLES
  - EXISTING BASE MOUNTED RUNWAY LIGHT
  - EXISTING STAKE MOUNTED RUNWAY LIGHT
  - EXISTING BASE MOUNTED TAXIWAY LIGHT
  - EXISTING STAKE MOUNTED TAXIWAY LIGHT
  - PROPOSED RELOCATED BASE MOUNTED TAXIWAY LIGHT
  - PROPOSED RELOCATED STAKE MOUNTED TAXIWAY LIGHT
  - PROPOSED RELOCATED THRESHOLD LIGHT
  - PROPOSED RELOCATED REILS
  - EXISTING TAXI GUIDANCE SIGN
  - PROPOSED RELOCATED TAXI GUIDANCE SIGN
  - EXISTING P.A.P.I. (TO BE RELOCATED)
  - PROPOSED RELOCATED P.A.P.I.
  - EXISTING ELECTRICAL DUCT
  - PROPOSED ELECTRICAL DUCT



**CABLE NOTES**

ALL PROPOSED RUNWAY LIGHT AND TAXIWAY LIGHT CABLES WILL BE LOCATED 12' FROM THE PAVEMENT EDGE UNLESS OTHERWISE STATED OR DIRECTED BY THE RESIDENT ENGINEER.

ALL PROPOSED R.E.I.L. AND PAPI POWER CABLES WILL BE PLACED IN THE LOCATION SHOWN ON THESE PLANS.

ALL PROPOSED CABLE WILL BE PLACED 18" BELOW PROPOSED GRADE.

THE PROPOSED RUNWAY/TAXIWAY LIGHT CABLE WILL BE NO. 8, 5KV, TYPE C, 1/C UG CABLE IN UNIT DUCT.

**REIL NOTES**

THE PROPOSED REILS SHALL BE INSTALLED AS SHOWN ON THIS SHEET AND AS DETAILED IN THE ELECTRICAL STANDARDS AND IN ACCORDANCE WITH THE SPECIAL PROVISIONS. THE REIL AIMING ANGLES WILL BE HORIZONTAL-15° OUT AND VERTICAL-10° UP. ALL CONTROL AND POWER CABLES BETWEEN THE MASTER AND SLAVE UNITS WILL BE AS PER MANUFACTURER RECOMMENDATIONS. THESE CABLES WILL BE CONSIDERED INCIDENTAL TO THE INSTALLATION OF THE REILS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE PROPOSED POWER CABLES TO THE REILS MASTER UNITS WILL BE PAID FOR UNDER ITEM: AR125967 "RELOCATE REILS" \_\_\_\_\_ PER PAIR.

FURNISHING AND INSTALLING THE PROPOSED REIL UNITS, CONTROL AND POWER CABLES BETWEEN MASTER AND SLAVE UNITS, AND ALL MISCELLANEOUS APPURTENANCES NECESSARY TO COMPLETE THIS ITEM WILL BE PAID FOR UNDER ITEM: AR125967 "RELOCATE REILS" \_\_\_\_\_ PER PAIR.

**110-DUCT NOTES:**

THE PROPOSED CONCRETE ENCASED ELECTRICAL DUCT WILL BE CONSTRUCTED IN ACCORDANCE WITH ITEM 110 "INSTALLATION OF AIRPORT UNDERGROUND ELECTRICAL DUCT" AS STATED ON PAGE 148 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004, AND ITEM 110 OF THE SPECIAL PROVISION SPECIFICATIONS.

THIS ITEM OF WORK SHALL CONSIST OF FURNISHING AND INSTALLING 2-WAY CONCRETE ENCASED ELECTRICAL DUCTS AT THE LOCATIONS SHOWN ON THE CONSTRUCTION PLANS.

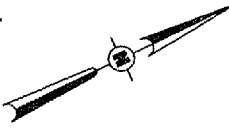
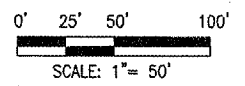
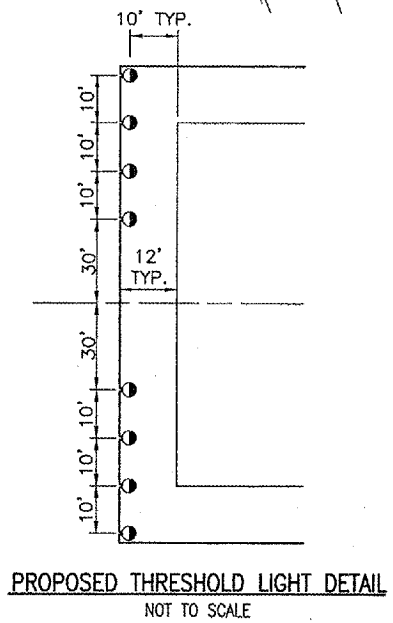
THE DUCTS WILL BE PLACED PRIOR TO EARTH GRADING AND THE TOPS OF THE PROPOSED DUCTS WILL BE PLACED 12" BELOW THE BOTTOM OF THE PROPOSED AGGREGATE BASE.

THE PROPOSED ELECTRICAL DUCT WILL BE PAID FOR UNDER ITEMS: AR110502 2-WAY CONCRETE ENCASED DUCT \_\_\_\_\_ 56 L.F.

ELECTRICAL QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
AR108158	1/C #8 5KV UG CABLE IN UD	L.F.	1,457
AR108558	2/C #8 600V UG CABLE IN UD	L.F.	251
AR110502	2-WAY CONCRETE ENCASED DUCT	L.F.	56
AR125901	REMOVE STAKE MOUNTED LIGHT	EACH	2
AR125902	REMOVE BASE MOUNTED LIGHT	EACH	2
AR125950	ADJUST PLASI	EACH	1
AR125961	RELOCATE STAKE MOUNTED LIGHT	EACH	22
AR125962	RELOCATE BASE MOUNTED LIGHT	EACH	2
AR125964	RELOCATE TAXI GUIDANCE SIGN	EACH	1
AR125967	RELOCATE REILS	PAIR	1
AR125968	RELOCATE PAPI	EACH	1

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.I.E. FOR UTILITY INFORMATION AT 1-800-892-0123.



APR 03, 2006 11:44 AM BAK  
L:\AIRPORTS\DEKALB\803-05TAXIWAY AIRPORT SHEETS\RWY -2\R-14\TEL.DWG

DATE	REVISION	BY

**DIMA**  
DEKALB TAYLOR MUNICIPAL AIRPORT  
IL PROJ.: 3-17-0139-B42  
AIR PROJ.: DK8-348

Project No.	80303MALSD
Revision	R=141ELE.DWG
Scale	1" = 50'
Date	12/29/03
LAYOUT	CAH 12/29/03
DRAWN	MOR 12/29/03
REVIEWED	CAH 03/06/06

**HANSON**  
Hanson Professional Services Inc.  
1525 South 56th Street  
Springfield, Illinois 62703-2886  
Offices Nationwide

REMOVE AND REGRADE  
RUNWAY END 2  
PROPOSED  
ELECTRICAL  
PLAN



ELECTRICAL LEGEND -- ONE-LINE DIAGRAM	
	CABLE TERMINATOR/LUG
	TRANSFORMER
	DISCONNECT SWITCH
	FUSIBLE DISCONNECT SWITCH
	CIRCUIT BREAKER
	THERMAL MAGNETIC CIRCUIT BREAKER
	FUSE
	TRANSIENT VOLTAGE SURGE SUPPRESSOR OR SURGE PROTECTOR DEVICE
	GROUND -- GROUND ROD, GROUNDING ELECTRODE, OR AT EARTH POTENTIAL
	INDICATING LIGHT
	MOTOR
	LOAD, MOTOR, f = HORSEPOWER
	ELECTRIC UTILITY METER BASE
	JUNCTION BOX WITH SPLICE
	EQUIPMENT, XXX = DEVICE DESCRIPTION
	GROUND BUS OR TERMINAL
	NEUTRAL BUS
	PANELBOARD WITH MAIN LUGS
	PANELBOARD WITH MAIN BREAKER
	FUSE PANEL WITH MAIN FUSE PULLOUT
	DUPLEX RECEPTACLE 120V SINGLE PHASE GROUNDING TYPE
	CONTROL STATION
	TRANSFER SWITCH
	ENGINE GENERATOR SET

ELECTRICAL LEGEND -- SCHEMATIC	
	NORMALLY OPEN (N.O.) CONTACT
	NORMALLY CLOSED (N.C.) CONTACT
	STARTER COIL, * = STARTER NUMBER
	OVERLOAD RELAY CONTACT
	CONTROL RELAY, * = CONTROL RELAY NUMBER
	RELAY, * = RELAY NUMBER
	TOGGLE SWITCH / 2 POSITION SWITCH
	2-POSITION SELECTOR SWITCH
	3-POSITION SELECTOR SWITCH (H-O-A SHOWN)
	2 POLE DISCONNECT SWITCH
	3 POLE DISCONNECT SWITCH
	PHOTOCELL
	TERMINAL BLOCK, * = TERMINAL NUMBER
	DEVICE TERMINAL, * = DEVICE TERMINAL NUMBER
	INTERNAL PANEL WIRING
	FIELD WIRING
	FUSE
	GROUND BUS OR TERMINAL
	NEUTRAL BUS
	GROUND, GROUND ROD
	INDUSTRIAL CONTROL RELAY OR LIGHTING CONTACTOR
	S1 CUTOUT HANDLE REMOVED
	S1 CUTOUT HANDLE INSERTED
	N.O. THERMAL SWITCH
	N.C. THERMAL SWITCH

ELECTRICAL ABBREVIATIONS	
A.F.F.	ABOVE FINISHED FLOOR
A, AMP	AMPERES
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE
BKR	BREAKER
C	CONDUIT
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CR	CONTROL RELAY
CU	COPPER
DPDT	DOUBLE POLE DOUBLE THROW
DPST	DOUBLE POLE SINGLE THROW
EM	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING
ENCL	ENCLOSURE
EP	EXPLOSION PROOF
ES	EMERGENCY STOP
ETL	INTERTEK -- ELECTRICAL TESTING LABS
ETM	ELAPSE TIME METER
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GFI	GROUND FAULT INTERRUPTER
GND	GROUND
GRSC	GALVANIZED RIGID STEEL CONDUIT
HID	HIGH INTENSITY DISCHARGE
HOA	HAND OFF AUTOMATIC
HP	HORSEPOWER
HPS	HIGH PRESSURE SODIUM
J	JUNCTION BOX
KVA	KILOVOLT AMPERE(S)
KW	KILOWATTS
LC	LIGHTING CONTACTOR
LTFMC	LIQUID TIGHT FLEXIBLE METAL CONDUIT (UL LISTED)
LTG	LIGHTING
LP	LIGHTING PANEL
MAX	MAXIMUM
MCB	MAIN CIRCUIT BREAKER
MCM	THOUSAND CIRCULAR MIL
MDP	MAIN DISTRIBUTION PANEL
MFR	MANUFACTURER
MH	METAL HALIDE
MIN	MINIMUM
MLO	MAIN LUGS ONLY
NEC	NATIONAL ELECTRICAL CODE (NFPA 70)
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OHE	OVERHEAD ELECTRIC
OL	OVERLOAD

ELECTRICAL ABBREVIATIONS (CONTINUED)	
PB	PULL BOX
PC	PHOTO CELL
PDB	POWER DISTRIBUTION BLOCK
PNL	PANEL
RCPT	RECEPTACLE
R	RELAY
S	STARTER
SPD	SURGE PROTECTION DEVICE
SPST	SINGLE POLE SINGLE THROW
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
TYP	TYPICAL
UG	UNDERGROUND
UGE	UNDERGROUND ELECTRIC
UL	UNDERWRITER'S LABORATORIES
V	VOLTS
W/	WITH
W/O	WITHOUT
WP	WEATHER PROOF
XFER	TRANSFER
XFMR	TRANSFORMER

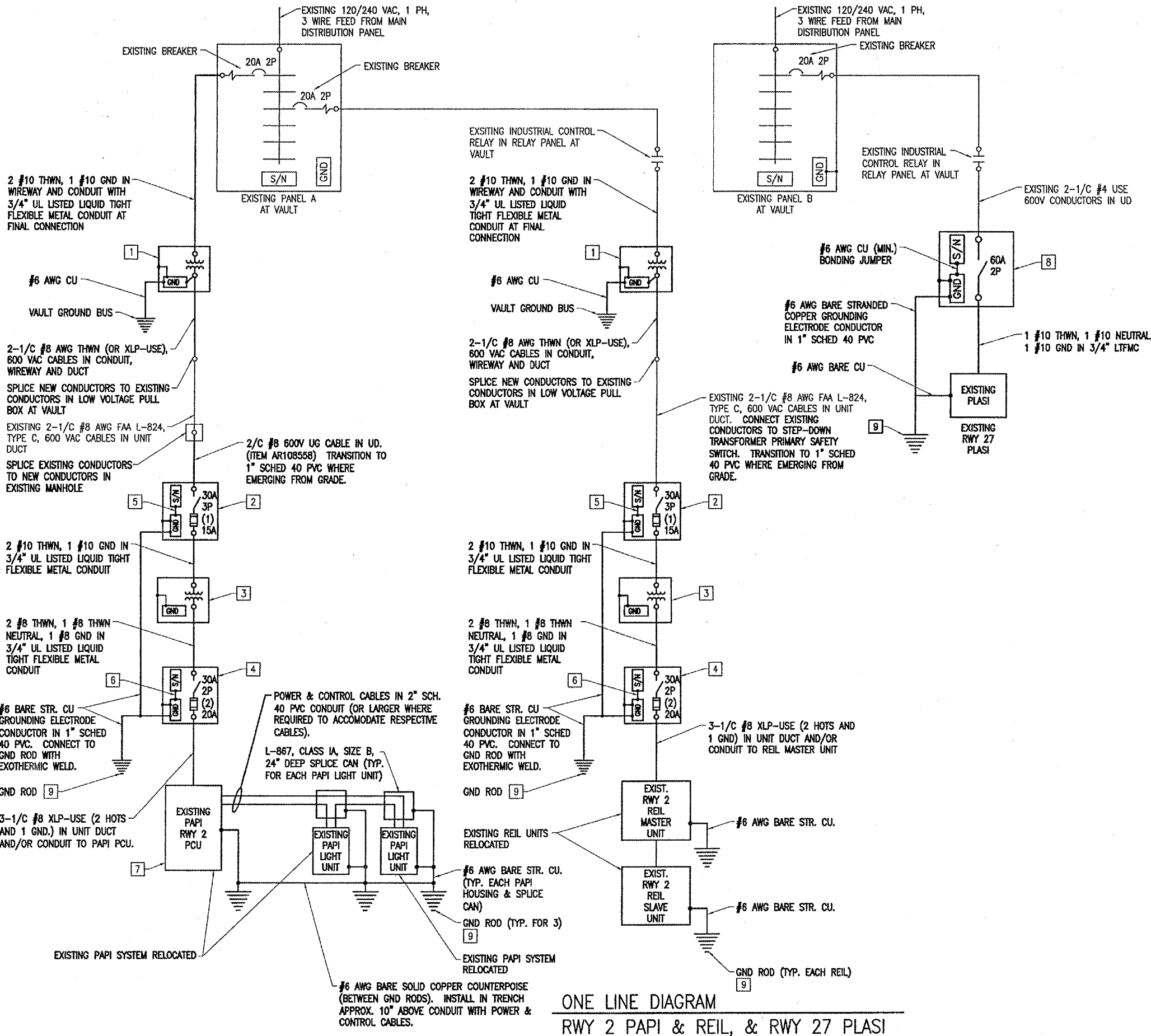
AIRPORT EQUIPMENT ABBREVIATIONS	
CCR	CONSTANT CURRENT REGULATOR
MRL	MEDIUM INTENSITY RUNWAY LIGHT
MTL	MEDIUM INTENSITY TAXIWAY LIGHT
NDB	NON-DIRECTIONAL BEACON
PAPI	PRECISION APPROACH PATH INDICATOR
PLASI	PULSE LIGHT APPROACH SLOPE INDICATOR
REIL	RUNWAY END IDENTIFIER LIGHT
VADI	VISUAL APPROACH DESCENT INDICATOR
VASI	VISUAL APPROACH SLOPE INDICATOR
WC	WIND CONE

NOTES:

- ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED IN CONFORMANCE WITH NFPA 70 (MOST CURRENT ISSUE IN FORCE), THE RESPECTIVE EQUIPMENT MANUFACTURER'S DIRECTIONS AND ALL OTHER APPLICABLE LOCAL CODES, LAWS, ORDINANCES, AND REQUIREMENTS IN FORCE. ANY INSTALLATIONS WHICH VOID THE U.L. LISTING, ETL LISTING (OR OTHER THIRD PARTY LISTING) AND/OR THE MANUFACTURER'S WARRANTY OF A DEVICE SHALL NOT BE PERMITTED.
- CONTRACTOR SHALL COORDINATE WORK AND ANY POWER OUTAGES WITH THE RESPECTIVE FACILITY OWNER PERSONNEL AND THE AIRPORT MANAGER.
- COLOR CODE PHASE AND NEUTRAL CONDUCTOR INSULATION FOR NO. 6 AWG OR SMALLER. PROVIDE COLORED INSULATION OR COLORED MARKING TAPE FOR PHASE AND NEUTRAL CONDUCTORS FOR NO. 4 AWG AND LARGER. INSULATED GROUND CONDUCTORS SHALL HAVE GREEN COLORED INSULATION FOR ALL CONDUCTOR AWG AND/OR KCMIL. STANDARD COLORS FOR POWER WIRING AND BRANCH CIRCUITS SHALL BE AS FOLLOWS:

120/240 VAC, 1 PHASE, 3 WIRE	480 VAC, 1 PHASE (L-N), 3 WIRE
PHASE A      BLACK	PHASE A      BLACK WITH BROWN TAPE
PHASE B      RED	NEUTRAL      WHITE OR GRAY
NEUTRAL      WHITE	GROUND      GREEN
GROUND      GREEN	

DATE	REVISION	BY	 DEKALB TAYLOR MUNICIPAL AIRPORT	A.I.P. PROJ.: DK0-3448 I.L. PROJ.: 17-0139-B42
HANSON Hanson Professional Services Inc. 1405 S. State Street Springfield, Illinois 62703-2886 Offices Nationwide			HANSON Hanson Professional Services Inc. 1405 S. State Street Springfield, Illinois 62703-2886 Offices Nationwide	
REMOVE AND REGRADE RUNWAY END 2			ELECTRICAL LEGEND AND ABBREVIATIONS	
24			24 of 224 sheets	



ONE LINE DIAGRAM  
RWY 2 PAPI & REIL, & RWY 27 PLASI

KEYED NOTES

- 1 3KVA 240 VAC TO 480 VAC, 1 PHASE, 2 WIRE STEP UP TRANSFORMER IN A WEATHERPROOF HOUSING, ACME CAT. NO. T-2-53013-S OR APPROVED EQUAL. SECONDARY SHALL BE WIRED 480 VAC, PHASE TO PHASE WITH ONE SECONDARY LEAD BONDED TO GROUND. OUTPUT SHALL BE 1 HOT AND 1 GROUNDED (NEUTRAL) CONDUCTOR.
- 2 30 AMP, 3 POLE, 600 VAC, UL LISTED HEAVY DUTY FUSIBLE SAFETY SWITCH IN A NEMA 3R & 12 ENCLOSURE WITHOUT KNOCKOUTS, SQUARE D CLASS 3110, CAT. NO. H361AWK WITH H60SN NEUTRAL ASSEMBLY, OR APPROVED EQUAL. INCLUDE EQUIPMENT GROUND KIT. PROVIDE 1-15 AMP, 600V, CLASS RK5 FUSE, BUSSMANN FRN-R-15, OR APPROVED EQUAL. USE CENTER POLE FOR SINGLE PHASE APPLICATION. INCLUDE 2 SPARE FUSES OF SAME SIZE & TYPE.
- 3 3KVA 480 VAC TO 120/240 VAC, 1 PHASE, 3 WIRE, 60HZ STEP DOWN TRANSFORMER IN A WEATHERPROOF HOUSING, ACME CAT. NO. T-2-53013-S OR APPROVED EQUAL.
- 4 30 AMP, 2 POLE WITH SOLID NEUTRAL, 240VAC, UL LISTED HEAVY DUTY FUSIBLE SAFETY SWITCH IN A NEMA 3R & 12 ENCLOSURE WITHOUT KNOCKOUTS, SQUARE D CLASS 3110, CAT. NO. H221AWK WITH H60SN NEUTRAL ASSEMBLY. INCLUDE EQUIPMENT GROUND KIT. PROVIDE 2-20 AMP, 250V, CLASS RK5 FUSES, BUSSMANN FRN-R-20, OR APPROVED EQUAL. INCLUDE 2 SPARE FUSES OF SAME SIZE & TYPE.
- 5 BOND NEUTRAL TO GROUND WITH #8 AWG CU BONDING JUMPER OR BONDING SCREW IN CONFORMANCE WITH 2005 NEC 250.32
- 6 BOND NEUTRAL TO GROUND WITH #8 AWG CU BONDING JUMPER OR BONDING SCREW IN CONFORMANCE WITH 2005 NEC 250.30
- 7 EXISTING RWY 2 PAPI PCU (POWER & CONTROL UNIT). NOTE WHERE STEP-DOWN TRANSFORMER IS LOCATED WITHIN 10' OF PAPI PCU ONE GROUND ROD SHALL BE USED FOR THE XFMR & PAPI PCU.
- 8 HEAVY DUTY 60 AMP, 600 VAC, 2 POLE OR 3 POLE WITH S/N & GND, NOT FUSIBLE SAFETY SWITCH IN A NEMA 3R & 12 ENCLOSURE, SQUARE D CLASS 3110, CAT. NO. HU362AWK WITH SNO610 & GTK0610, OR APPROVED EQUAL. INSTALL AT PLASI. NOTE 60 AMP SAFETY SWITCH REQUIRED TO ACCOMMODATE 4 AWG CONDUCTORS FOR LUG TERMINATIONS & WIRE BENDING SPACE. INCLUDE LEGEND PLATE LABELED "RWY 27 PLASI 120 VAC FED FROM VAULT".
- 9 10' L x 3/4" DIA UL LISTED COPPERCLAD GND ROD. MIN. BURY 30" BELOW GRADE. ALL CONNECTIONS TO GND RODS SHALL BE EXOTHERMIC WELD.

NOTES

1. ALL VAULT WORK AND/OR POWER OUTAGES SHALL BE COORDINATED WITH THE AIRPORT MANAGER.
2. ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED IN CONFORMANCE WITH NFPA 70 (NEC MOST CURRENT ISSUE IN FORCE), THE RESPECTIVE EQUIPMENT MANUFACTURER'S DIRECTIONS AND ALL OTHER APPLICABLE LOCAL CODES, LAWS, ORDINANCES AND REQUIREMENTS IN FORCE. ANY INSTALLATIONS WHICH VOID THE U.L. LISTING (OR OTHER THIRD PARTY LISTING) AND/OR THE MANUFACTURER'S WARRANTY OF A DEVICE SHALL NOT BE PERMITTED.
3. ALL EQUIPMENT NOT LABELED AS "EXISTING" IS NEW.
4. ADDITIONAL EXISTING CIRCUITS NOT SHOWN FOR CLARITY.
5. FIELD VERIFY LOCATION OF STEP DOWN TRANSFORMERS AND ASSOCIATED SAFETY SWITCHES WITH RESIDENT ENGINEER.
6. RELOCATION OF REILS SHALL BE PAID FOR UNDER ITEM AR125967 RELOCATE REILS - PER PAIR.
7. RELOCATION OF PAPI SHALL BE PAID FOR UNDER ITEM AR125968 RELOCATE PAPI - PER EACH.
8. SAFETY SWITCH AND GROUNDING UPGRADES FOR PLASI SHALL BE PAID FOR UNDER ITEM AR125950 ADJUST PLASI - PER EACH.

BY	
REVISION	
DATE	

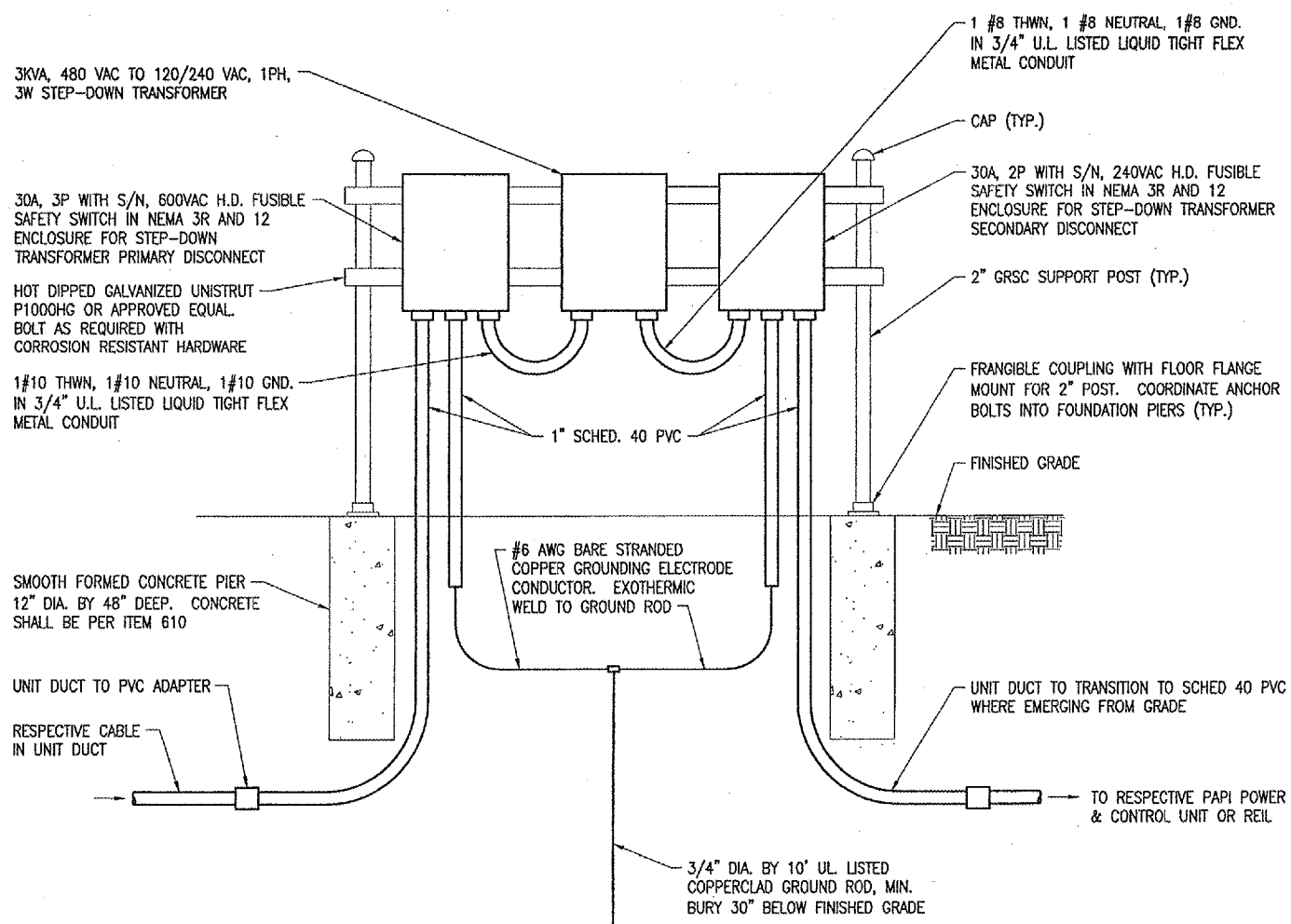


U.L. Project No. 803-0577AD 0800	
Filename: E-601.DWG	
Scale: NONE	
Date: 12/05/02	
LAYOUT: KNL 03/20/06	
DRAWN: MW 03/20/06	
REVIEWED: CAH 12/16/05	



REMOVE AND REGRADE  
RUNWAY END 2  
ONE LINE DIAGRAM  
RUNWAY 2 PAPI AND REIL  
AND RUNWAY 27 PLASI

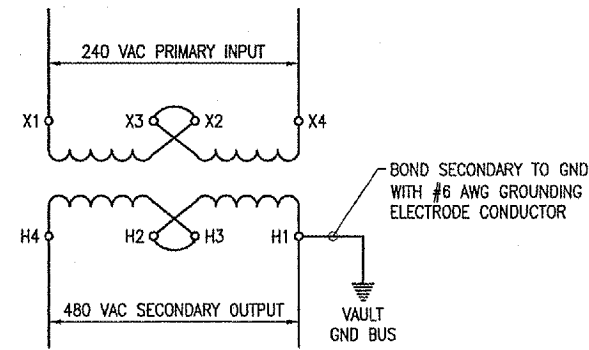
APR 07, 2006 10:02 AM BAK I:\AIRPORTS\DEKALB\803-0577AD\AIRPORT\SHEETS\ELECTRICAL\E-601.DWG - Work-FLR



- NOTES
1. SEE ELECTRICAL ONE-LINE DIAGRAMS FOR ADDITIONAL INFORMATION ON EQUIPMENT AND WIRING.
  2. FIELD VERIFY LOCATION OF EACH STEP-DOWN TRANSFORMER INSTALLATION WITH RESIDENT ENGINEER.
  3. LIQUID TIGHT FLEXIBLE METAL CONDUIT SHALL BE U.L. LISTED SUITABLE FOR GROUNDING AND SUNLIGHT RESISTANT. NEC 350.6 NOTES LIQUID TIGHT FLEXIBLE METAL CONDUIT AND ASSOCIATED FITTINGS SHALL BE LISTED. DO NOT INSTALL LIQUID TIGHT FLEXIBLE METAL CONDUIT THAT IS NOT UL LISTED.

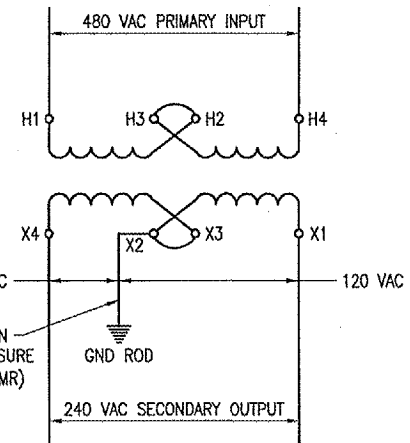
**RUNWAY 2 STEP-DOWN TRANSFORMER ELEVATION**

(TYPICAL FOR 2. ONE STEP-DOWN TRANSFORMER INSTALLATION SHALL BE PROVIDED FOR RUNWAY 2 PAPI RELOCATION, THE OTHER STEP-DOWN TRANSFORMER INSTALLATION SHALL BE FOR RUNWAY 2 REIL RELOCATION)



NOTES: CONFIRM WIRING WITH RESPECTIVE TRANSFORMER MFR.

**240 VAC TO 480 VAC STEP UP TRANSFORMER CONNECTION DIAGRAM FOR ACME T-2-53013-S TRANSFORMER**



NOTES: CONFIRM WIRING WITH RESPECTIVE TRANSFORMER MFR.

**480 VAC TO 120/240 VAC STEP DOWN TRANSFORMER CONNECTION DIAGRAM FOR ACME T-2-53013-S TRANSFORMER**

DATE	REVISION	BY



IL PROJ.: DK8-3448 AIP PROJ.: 3-17-0139-B42

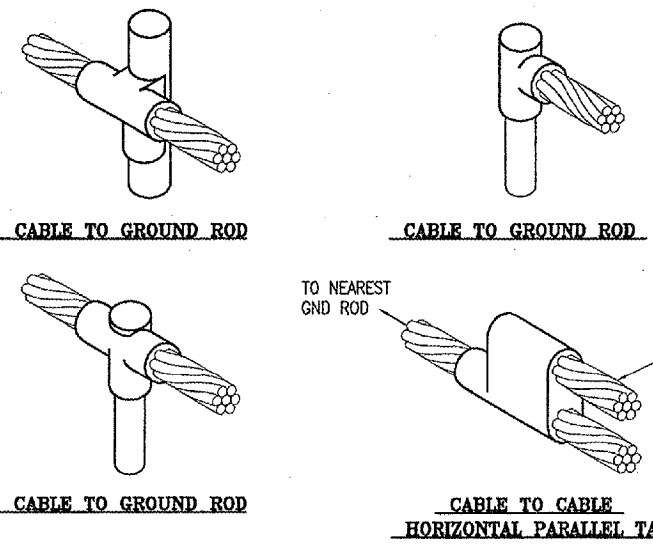
Project No. 80305TXAD_0800	Drawn KNL 02/03/05
Revision E-501.DWG	Checked MW 02/03/05
Scale NONE	Reviewed CAH 12/16/05
Date 04/22/05	



Hanson Professional Services Inc.  
1626 South State Street  
Springfield, Illinois 62703-2806  
Chicago, Illinois

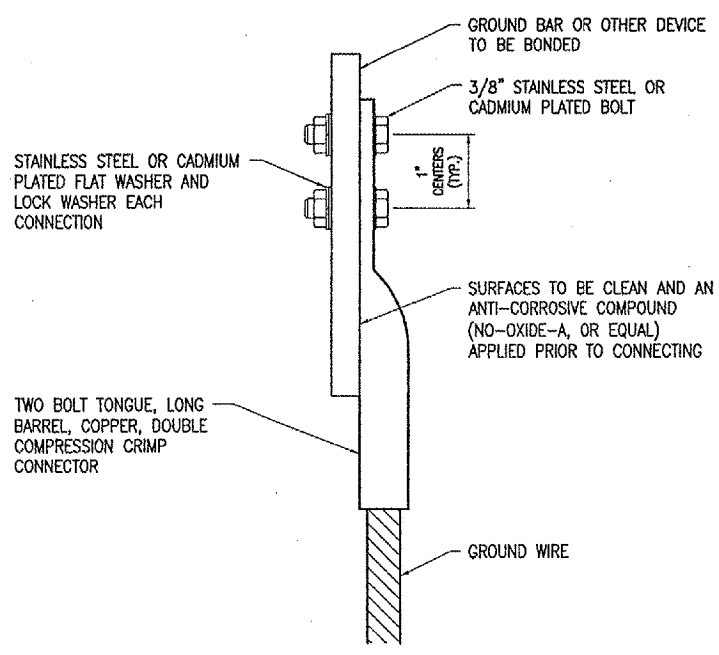
REMOVE AND REGRADE RUNWAY END 2  
STEP-UP AND STEP-DOWN TRANSFORMER DETAILS

APR 07 2006 10:06 AM BAK I:\AIRPORTS\DEKALB\803-05TXA\AIRPORT\SHEETS\ELECTRICAL\E-501.DWG



TO NEAREST GND ROD

TAP CONDUCTOR SHALL BE ROUTED IN THE DIRECTION TOWARDS THE NEAREST GROUND ROD



2 HOLE LONG BARREL COMPRESSION LUG TABLE

WIRE SIZE	BURNDY CAT. NO.	THOMAS & BETTS CAT. NO.
#6 AWG STRANDED	YA6C-2TC38	256-30695-1158
#2 AWG STRANDED	YA2C-2TC38	256-30695-1160
#1/0 AWG STRANDED	YA25-2TC38	256-30695-1162
#2/0 AWG STRANDED	YA26-2TC38	256-30695-1116
#3/0 AWG STRANDED	YA27-2TC38	54816BE

**NOTES**

- ALL CONNECTIONS TO GROUND BUS BAR SHALL BE WITH 2 HOLE TONGUE LONG BARREL COMPRESSION LUGS BOLTED TO THE BUS BAR.
- GROUND WIRE CONNECTIONS TO EQUIPMENT SHALL BE WITH 2 HOLE TONGUE LONG BARREL COMPRESSION LUGS BOLTED TO THE DEVICE OR WITH THE RESPECTIVE EQUIPT MANUFACTURER'S LUG OR TERMINAL WHERE APPLICABLE.
- GROUNDING ELECTRODE CONDUCTORS, BONDING JUMPERS, & INDIVIDUAL GROUND WIRES SHALL NOT BE INSTALLED IN METAL CONDUIT.
- ALL CONNECTIONS SHALL BE COATED WITH A CORROSION PREVENTATIVE COMPOUND (SANCHEM INC. NO-OX-ID "A-SPECIAL", OR APPROVED EQUAL) BEFORE JOINING. ALL COPPER BUS BARS SHALL BE CLEANED PRIOR TO MAKING CONNECTIONS TO REMOVE SURFACE OXIDATION. CLEAN SURFACES, OF RESPECTIVE DEVICES TO BE BONDED, TO BARE METAL, PER NEC 250-12.

GROUNDING LUG CONNECTION DETAIL

**LEGEND PLATE SCHEDULE**

DEVICE	LABEL
STEP-UP TRANSFORMER IN THE VAULT FOR THE RUNWAY 2 REILS	STEP-UP XFMR RY 2 REILS 240V TO 480V
PRIMARY DISCONNECT FOR STEP-DOWN TRANSFORMER THAT SERVES THE RUNWAY 2 REILS	STEP-DOWN XFMR DISCONNECT, 480V FED FROM VAULT
STEP-DOWN TRANSFORMER FOR THE RUNWAY 2 REILS	STEP-DOWN XFMR RY 2 REILS 480V TO 120/240V
SECONDARY DISCONNECT FOR STEP-DOWN TRANSFORMER THAT SERVES THE RUNWAY 2 REILS	RY 2 REILS DISCONNECT 240 VAC
STEP-UP TRANSFORMER IN THE VAULT FOR THE RUNWAY 2 PAPI	STEP-UP XFMR RY 2 PAPI 240V TO 480V
PRIMARY DISCONNECT FOR STEP-DOWN TRANSFORMER THAT SERVES THE RUNWAY 2 PAPI	STEP-DOWN XFMR DISCONNECT, 480V FED FROM VAULT
STEP-DOWN TRANSFORMER FOR THE RUNWAY 2 PAPI	STEP-DOWN XFMR RY 2 PAPI 480V TO 120/240V
SECONDARY DISCONNECT FOR STEP-DOWN TRANSFORMER THAT SERVES THE RUNWAY 2 PAPI	RY 2 PAPI DISCONNECT 240 VAC
SAFETY SWITCH AT RUNWAY 27	RY 27 PLASI 120 VAC FED FROM VAULT

NOTE: LEGEND PLATES SHALL BE WEATHERPROOF ENGRAVED PLASTIC OR PHENOLIC MATERIAL, 1/4" HIGH WHITE LETTERS ON A RED BACKGROUND UNLESS NOTED OTHERWISE. SECURE WITH WEATHERPROOF ADHESIVE OR MACHINE SCREWS. FURNISH ADDITIONAL LEGEND PLATES WHERE REQUIRED BY CODE, FOR ADDITIONAL EQUIPMENT, AS DETAILED HEREIN ON THE PLANS, AND AS NOTED IN THE SPECIAL PROVISION SPECIFICATIONS.

**DETAIL NOTES**

- EXOTHERMIC WELDS SHALL BE CADWELD AS MANUFACTURED BY ERICO PRODUCTS, SOLON, OHIO OR THERMOWELD AS MANUFACTURED BY CONTINENTAL INDUSTRIES, TULSA, OKLAHOMA. VERIFY PROPER SIZES, TYPES, AND REQUIREMENTS FOR THE RESPECTIVE APPLICATION WITH THE MANUFACTURER, AND INSTALL PER THEIR DIRECTIONS.
- FOR APPLICATIONS TO METAL SURFACES THAT ARE LESS THAN 3/16" THICK CONTACT THE EXOTHERMIC WELD MANUFACTURER FOR DIRECTION AND INSTRUCTION ON EXOTHERMIC WELD INSTALLATION TO THE RESPECTIVE SURFACE.
- FOR APPLICATIONS TO GALVANIZED STEEL OR PAINTED STEEL, REMOVE GALVANIZING AND/OR PAINT & CLEAN THE SURFACE TO EXPOSE BARE STEEL BEFORE MAKING EXOTHERMIC WELD CONNECTION.
- INDIVIDUAL GROUNDING ELECTRODE CONDUCTORS SHALL NOT BE INSTALLED IN METAL CONDUIT. INSTALL GROUNDING ELECTRODE CONDUCTORS IN SCHED 40 PVC CONDUIT AS REQUIRED IN FOUNDATIONS, FOR PROTECTION, WHERE ENTERING ENCLOSURES, ETC.

EXOTHERMIC WELD DETAILS

DATE	REVISION	BY

**DIMAX**

**DEKALB TAYLOR MUNICIPAL AIRPORT**

A.I.P. PROJ.: 3-17-0139-B42  
I.L. PROJ.: DK0-3448

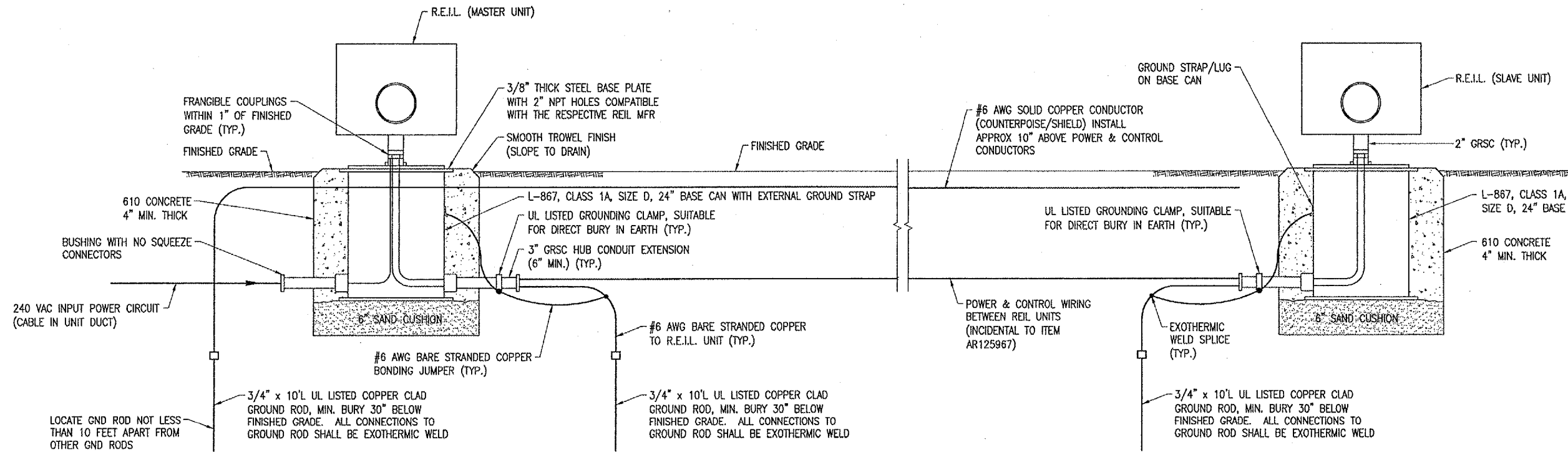
Proj. No. 803-051XXAD_0800	Drawn: KNL	Date: 03/21/06
File Name: E-504.DWG	Scale: NO SCALE	Reviewed: CAH
Scale: NO SCALE	Date: 12/02/05	
LAYOUT	NOV	03/21/06
DRAWN	CAH	03/21/06
REVIEWED		12/16/05

**HANSON**

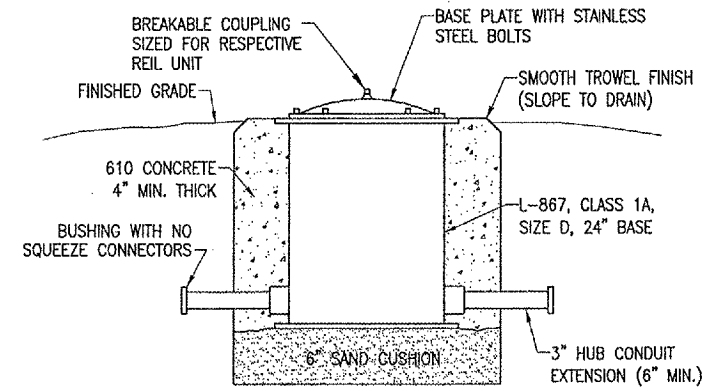
Hanson Professional Services Inc.  
1000 S. St. Louis  
Springfield, Ill. 62703-2886  
Offices Nationwide

REMOVE AND REGRADE  
RUNWAY END 2

GROUNDING DETAILS  
AND LEGEND PLATE  
SCHEDULE



**REIL INSTALLATION DETAIL**  
NOT TO SCALE



**REIL BASE DETAIL**  
(NOT TO SCALE)

INCLUDE INTERNAL AND EXTERNAL GROUND LUGS

**NOTES**

1. VERIFY INSTALLATION & WIRING REQUIREMENTS WITH THE RESPECTIVE REIL MANUFACTURER.
2. REILS SHALL BE AIMED AT ANGLE 10 DEGREES VERTICALLY AND TOED OUT 15 DEGREES FROM THE LINE PARALLEL TO THE RUNWAY CENTERLINE.
3. RELOCATION OF REILS SHALL BE PAID FOR UNDER ITEM AR125967 RELOCATE REILS - PER PAIR.

APR 07, 2006 10:12 AM BAK I:\AIRPORTS\DEKALB\803-05TXVA\AIRPORT\SHEETS\ELECTRICAL\E-503.DWG

DATE	REVISION	BY

**DITMA**  
DEKALB TAYLOR MUNICIPAL AIRPORT  
AIP PROJ.: 3-17-0139-B42  
IL PROJ.: DK0-3448

HP's Project No.	80305TXVA0800
File Name	E-503.DWG
Scale	NONE
Date	04/22/05
LAYOUT	KNL 02/03/05
DRAWN	MV 02/03/05
REVIEWED	CAH 12/16/05

**HANSON**  
Hanson Professional Services Inc.  
1025 South Shiloh Rd.  
Springer, Oklahoma 74086  
Offices Nationwide

REMOVE AND REGRADE  
RUNWAY END 2  
REIL  
INSTALLATION  
DETAIL



BY	
REVISION	
DATE	

**DIMA**  
 DEKALB TAYLOR MUNICIPAL AIRPORT  
 ILL. PROJ.: DK8-3448  
 AIP PROJ.: 3-17-0139-B42

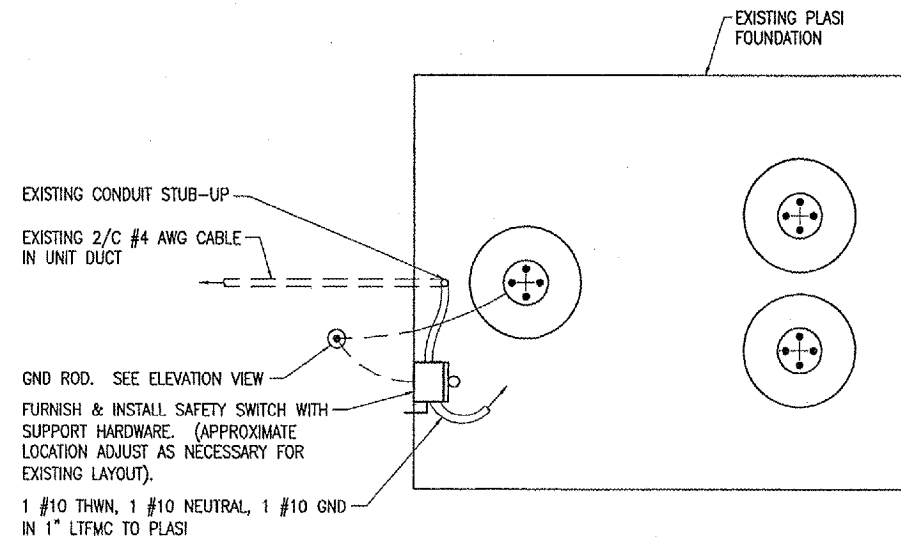
Project No.	803051XXAD_0800
Filename	E-610.DWG
Scale	NONE
Date	04/22/05
LAYOUT	KNL 09/23/05
DRAWN	MM 09/27/05
REVIEWED	CAH 12/16/05

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

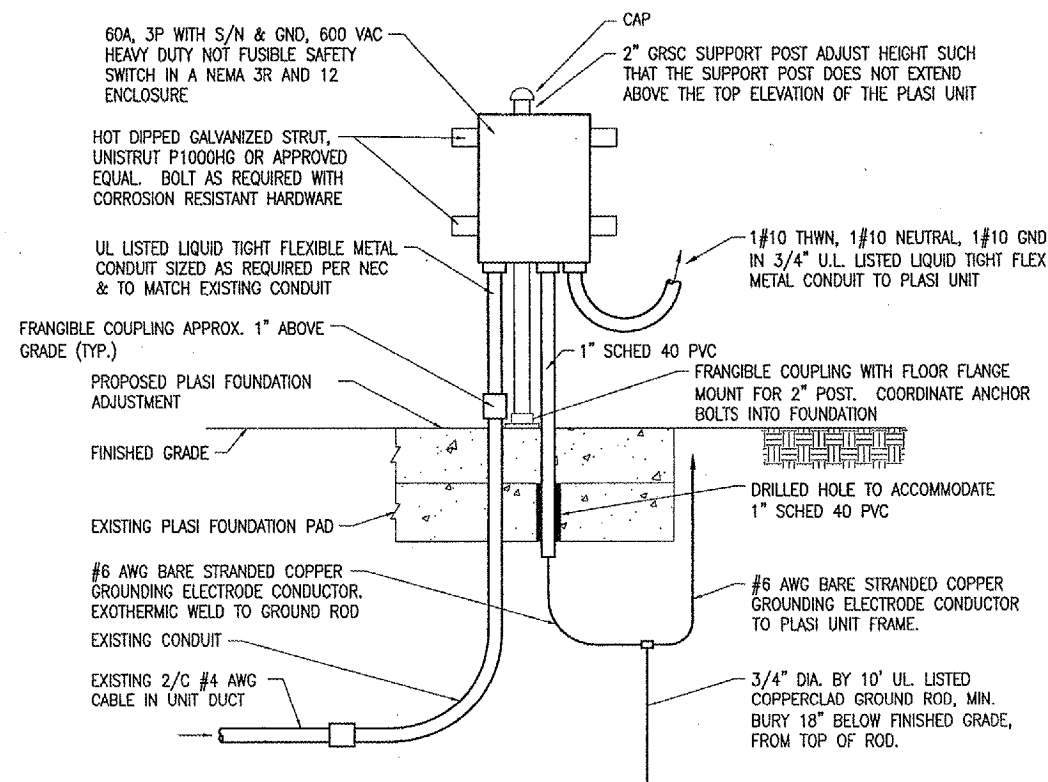
REMOVE AND REGRADE  
 RUNWAY END 2  
 PROPOSED  
 PLASI WIRING DETAILS  
 AND NOTES

**NOTES**

1. PLASI UNIT LOCATED ON RUNWAY 27 IS EXISTING. A HEAVY DUTY 60 AMP, 2 POLE OR 3 POLE WITH SOLID NEUTRAL & GND, 600 VAC NOT FUSIBLE SAFETY SWITCH IN A NEMA 3R AND 12 ENCLOSURE SHALL BE FURNISHED & INSTALLED AT THE PLASI. 60 AMP SAFETY SWITCH IS REQUIRED TO ACCOMMODATE #4 AWG CONDUCTORS FOR LUG TERMINATIONS & WIRE BENDING SPACE. NEUTRAL SHALL BE BONDED TO GROUND IN SAFETY SWITCH & GND ROD SHALL BE INSTALLED TO CONFORM WITH NEC 250.32
2. LTFMC DENOTES LIQUID TIGHT FLEXIBLE METAL CONDUIT UL LISTED, SUITABLE FOR GROUNDING, AND SUNLIGHT RESISTANT. NEC 350.6 NOTES LIQUID TIGHT FLEXIBLE METAL CONDUIT AND ASSOCIATED FITTINGS SHALL BE LISTED. DO NOT INSTALL LTFMC THAT IS NOT UL LISTED.
3. PLASI WIRING AND GROUNDING SHALL BE AS RECOMMENDED BY THE PLASI MANUFACTURER (DEVORE AVIATION CORPORATION, 6104 JEFFERSON BLVD, N.E., ALBUQUERQUE, NEW MEXICO 87109-3410, PHONE: 505-345-8713, FAX: 505-344-3835), AS DETAILED HEREIN ON THE PLANS, AND PER THE REQUIREMENTS OF THE SPECIAL PROVISION SPECIFICATIONS ITEM AR125989 REFURBISH PLASI.
4. INSTALLATION OF THE SAFETY SWITCH AND ASSOCIATED CONDUIT, WIRING, FITTINGS, GROUNDING, & ACCESSORIES FOR EACH PLASI UNIT SHALL BE PAID FOR UNDER ITEM AR125950 ADJUST PLASI PER EACH.

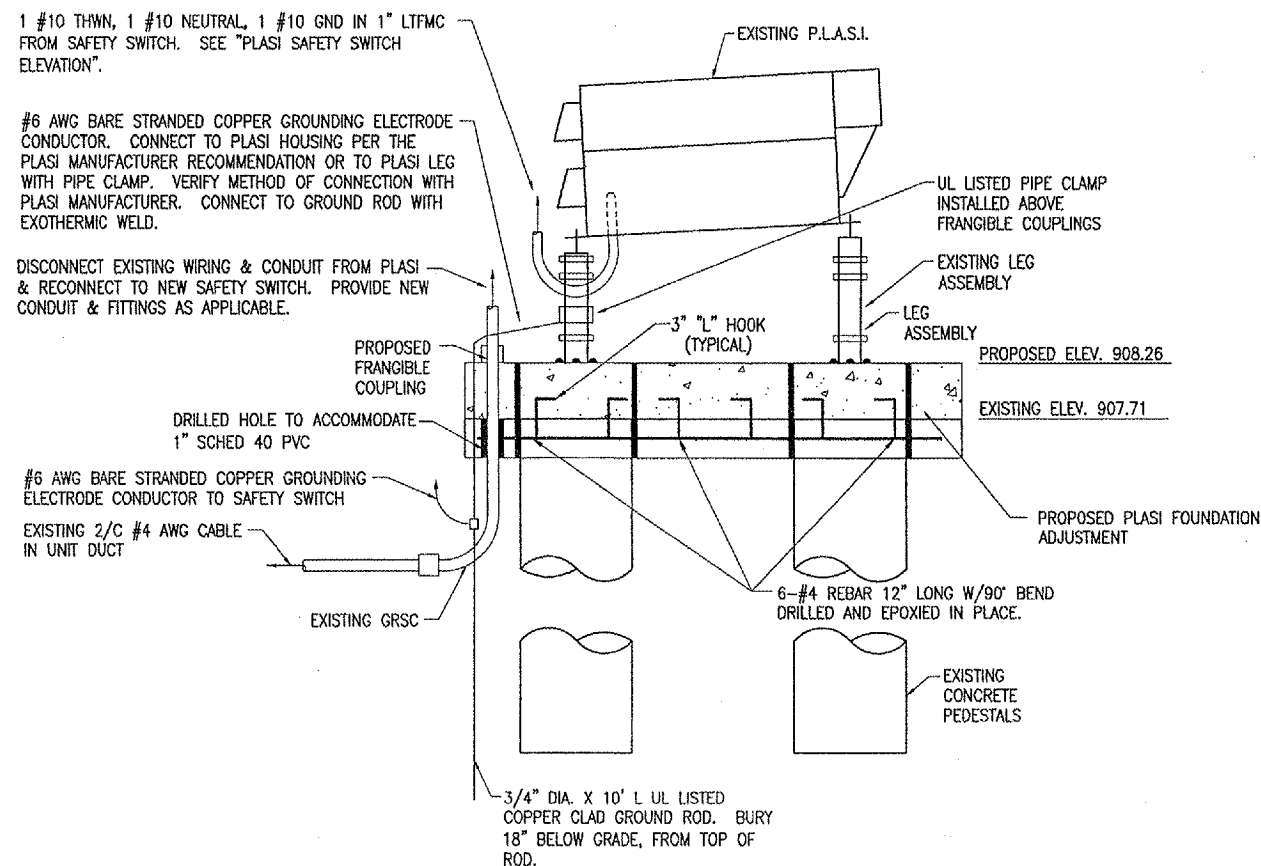


**PLASI FOUNDATION PLAN VIEW**



NOTE: SEE NEW ELECTRICAL ONE LINE DIAGRAM FOR VAULT AND PLASI FOR ADDITIONAL INFORMATION ON EQUIPMENT AND WIRING.

**PLASI SAFETY SWITCH ELEVATION**  
 "NOT TO SCALE"



**PLASI ELEVATION**

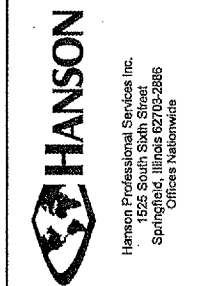
ALL WORK SHOWN ON THIS SHEET SHALL BE PAID FOR UNDER ITEM AR125950 - ADJUST PLASI - PER EA.

DATE	REVISION	BY



IL PROJ: DK8-3448 AIP PROJ: 3-17-0139-B42

Project No.	80305TYAD_0800
Revision	R-545ELE.DWG
Scale	N/A
Date	01/22/04
LAYOUT	CAH 01/22/04
DRAWN	MOR 01/22/04
REVIEWED	CAH 03/06/06



REMOVE AND REGRADE  
RUNWAY END 2  
PROPOSED  
ELECTRICAL NOTES  
AND DETAILS

**P.L.A.S.I. NOTES**

THE P.L.A.S.I. UNIT BASE WILL BE ADJUSTED VERTICALLY ( $\pm 7"$ ) TO MATCH THE PROPOSED EARTH GRADE.

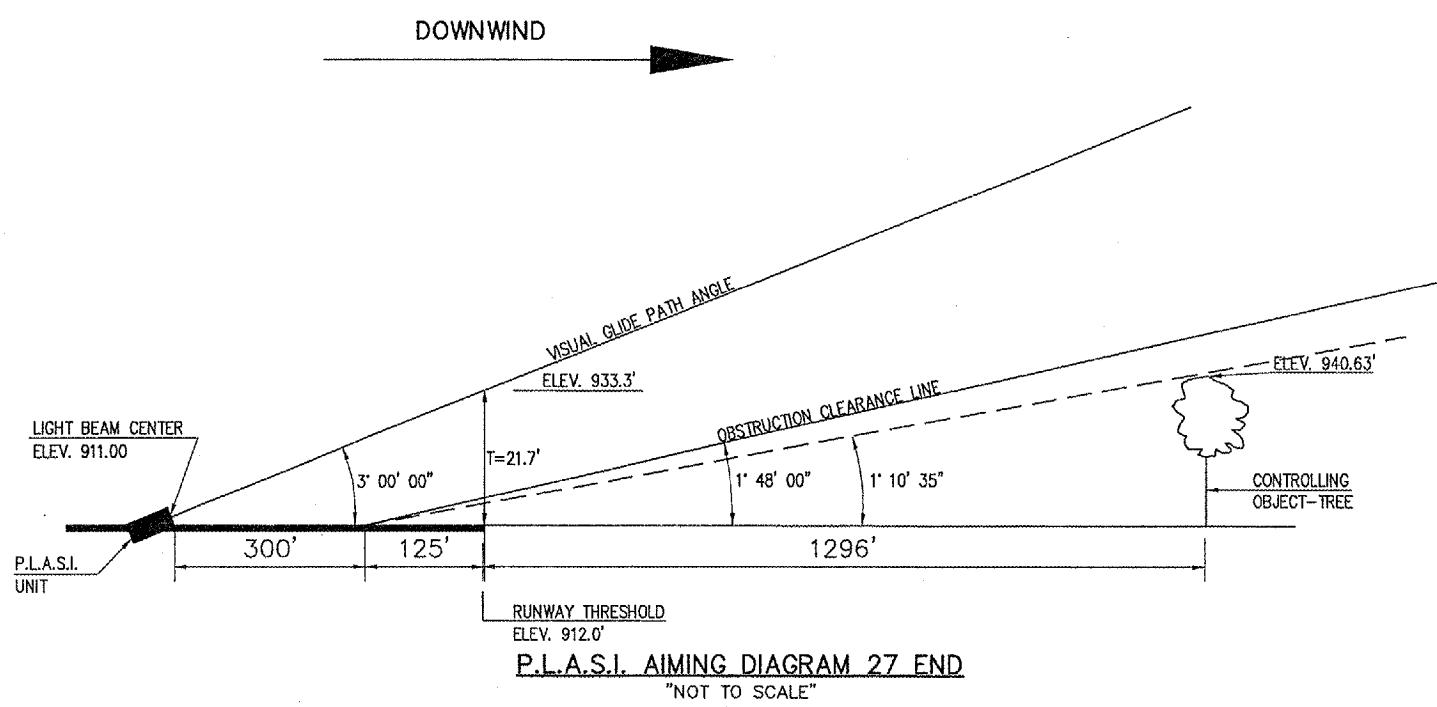
THE CONCRETE FOR THE PROPOSED BASE ADJUSTMENT WILL BE IN ACCORDANCE TO ITEM AR610 CLASS "SI" CONCRETE.

SIX (6) #4 REBAR WILL BE DRILLED AND EPOXIED INTO THE EXISTING BASE AS SHOWN IN P.L.A.S.I. UNIT ADJUSTMENT DETAIL. THREE (3) INCH HOOKS WILL BE SCREWED INTO THE EXISTING PIERS TO SECURE THE EXISTING PIERS AND PIERS EXTENSIONS TOGETHER.

THE CONTRACTOR MAY RE-USE THE EXISTING LEGS. THE CONTRACTOR WILL PROVIDE AND INSTALL CONDUIT EXTENSIONS, ANCHORS, AND ALL OTHER MISCELLANEOUS HARDWARE REQUIRED IN ORDER TO PUT THE P.L.A.S.I. UNIT BACK IN WORKING ORDER AT THE ADJUSTED ELEVATION.

THE UNIT WILL NOT BE TURNED ON UNTIL FLIGHT CHECKED AND THE DISPLACEMENT HAS BEEN REMOVED.

THE P.L.A.S.I. ADJUSTMENT WILL BE PAID FOR UNDER:  
AR125950 "ADJUST PLASI" \_\_\_\_\_ 1 EACH.



**P.L.A.S.I. AIMING DIAGRAM 27 END**  
"NOT TO SCALE"

**P.A.P.I. NOTES**

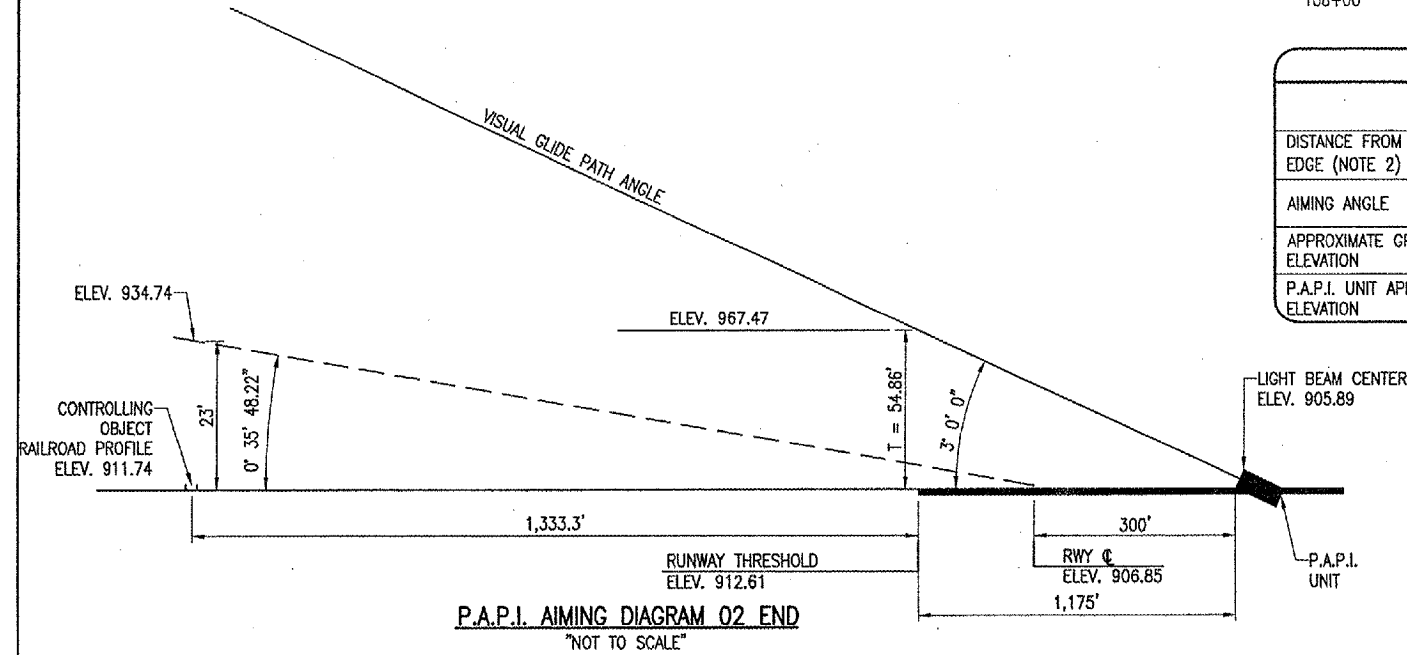
THE PROPOSED PRECISION APPROACH PATH INDICATOR (PAPI) SYSTEM WILL BE PLACED AT THE LOCATION SHOWN ON THE PREVIOUS SHEET.

THE PROPOSED CONCRETE FOUNDATIONS WILL BE AS DETAILED ON THIS SHEET, AND COMPATIBLE WITH THE RELOCATED PAPI UNITS.

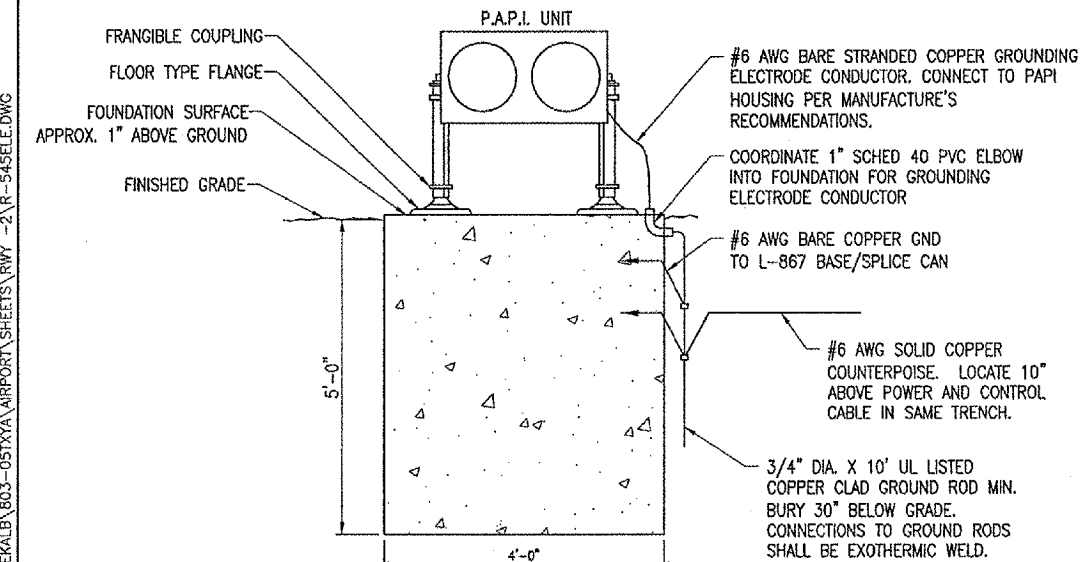
SIX (6") INCHES OF CA-6 ON TOP OF BLACK PLASTIC WILL BE PLACED AROUND EACH PAPI UNIT TO HALT VEGETATION GROWTH. SEE PAPI LAYOUT DETAIL.

EACH PAPI UNIT WILL BE CONSTRUCTED SUCH THAT THE BEAM CENTERS WILL BE WITHIN ±1" OF ELEVATION \_\_\_\_\_905.89.

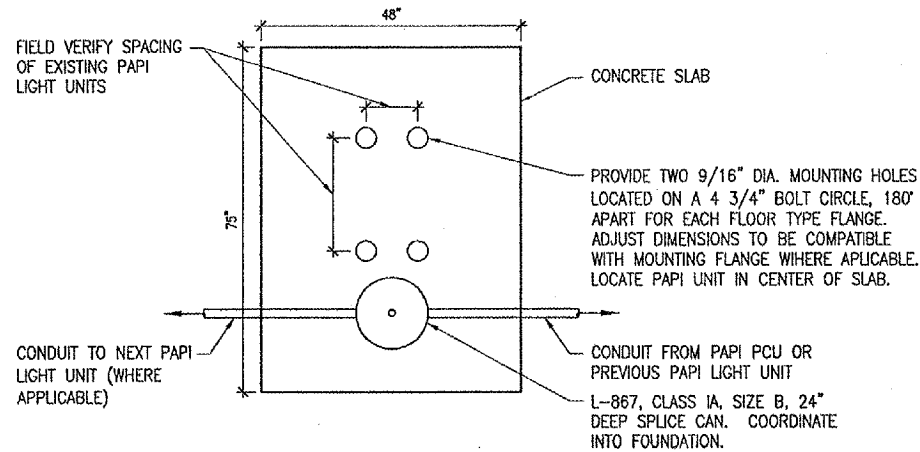
THE EXISTING POWER CABLE TO THE PAPI SYSTEM WILL BE ABANDONED IN PLACE. THE CONTRACTOR WILL INTERCEPT THE EXISTING PAPI POWER CABLE AT THE PROPOSED MANHOLE SHOWN, HE WILL EXPOSE A SUFFICIENT LENGTH OF CABLE TO ALLOW HIM TO CUT THE CABLE AND USE THIS CABLE TO POWER THE RELOCATED PAPI UNITS.



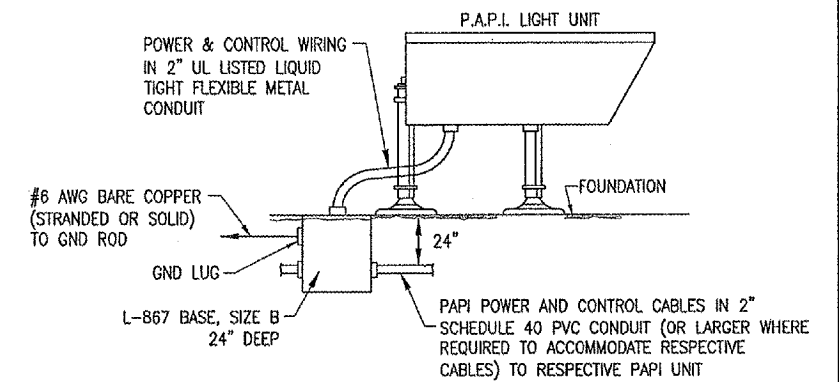
**P.A.P.I. AIMING DIAGRAM 02 END**  
"NOT TO SCALE"



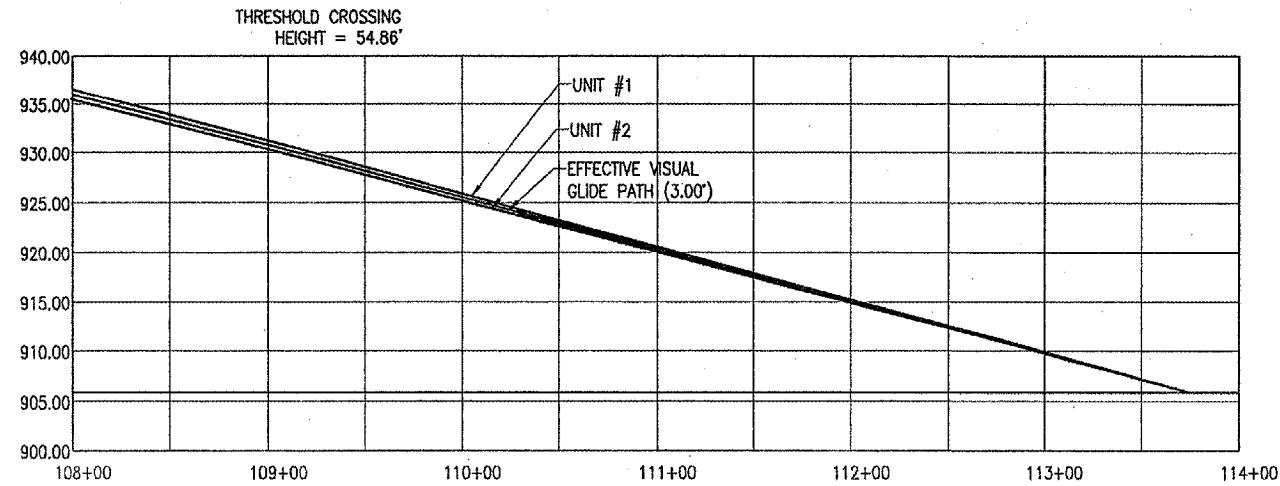
**FRONT ELEVATION P.A.P.I. LIGHT UNIT**  
"NOT TO SCALE"



**PLAN VIEW PAPI FOUNDATION**  
"NOT TO SCALE"



**SIDE ELEVATION P.A.P.I. LIGHT UNIT**  
"NOT TO SCALE"



STATIONING IN FEET ALONG RUNWAY CENTERLINE  
**RUNWAY CENTERLINE PROFILE**

TABLE "A"		
	P.A.P.I. UNIT #1	P.A.P.I. UNIT #2
DISTANCE FROM RUNWAY EDGE (NOTE 2)	50'	80'
AIMING ANGLE	3'-15"	2' 45"
APPROXIMATE GROUND ELEVATION	903.80	903.20
P.A.P.I. UNIT APERTURE ELEVATION	905.89	905.89

**LIGHTING NOTES**

ALL RELOCATED RUNWAY, TAXIWAY, AND THRESHOLD LIGHTS WILL BE PLACED 10' FROM THE PAVEMENT EDGE UNLESS SHOWN OTHERWISE.

ALL RELOCATED RUNWAY, TAXIWAY, AND THRESHOLD LIGHTS WILL BE CONSTRUCTED AT THE LOCATIONS SHOWN AND IN ACCORDANCE WITH THE DETAILS, WITHIN THESE CONSTRUCTION PLANS AND SPECIFICATIONS.

ALL RELOCATED RUNWAY LIGHTS, TAXIWAY LIGHTS, AND GUIDANCE SIGNS WILL BE TAGGED IN ACCORDANCE WITH THE NUMBERS SHOWN WITHIN THESE CONSTRUCTION PLANS.

EXISTING RUNWAY LIGHTS 2-6 AND 2-15 WILL BE REMOVED AND TURNED OVER TO THE AIRPORT MANAGER. THE CONTRACTOR WILL REMOVE THE LENSES FROM THESE LIGHTS AND PLACE THESE LENSES ON THE TWO RUNWAY EDGE LIGHTS LOCATED AT STATION 122+14. THE AMBER SIDE OF THE LENSE WILL FACE TOWARD RUNWAY END 20. THE 360° CLEAR LENSES THAT ARE REMOVED FROM THESE TWO LIGHTS WILL BE TURNED OVER TO THE AIRPORT MANAGER.

ANY DAMAGE TO ANY EXISTING LIGHTS TO BE RELOCATED OR TO REMAIN WILL BE REPAIRED IMMEDIATELY TO THE SATISFACTION OF THE RESIDENT ENGINEER AT THE CONTRACTOR'S OWN EXPENSE.

**P.A.P.I. BASE REMOVAL NOTES**

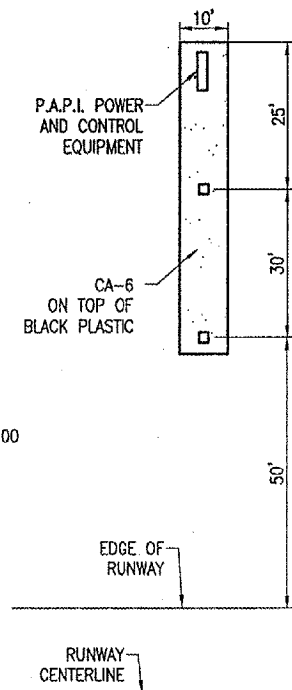
THE EXISTING P.A.P.I. CONCRETE BASES ARE TO BE REMOVED TO THEIR FULL DEPTH AND DISPOSED OF OFF THE AIRPORT.

THE HOLES LEFT FROM THE P.A.P.I. BASES WILL BE FILLED IN WITH EARTH TO PREVENT FUTURE SETTLEMENT.

THE DISTURBED AREA WILL BE SEEDED AND MULCHED IN ACCORDANCE WITH THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING PROVISIONS.

THE COORESPONDING CABLE WILL BE ABANDONED IN PLACE.

THIS WORK WILL BE CONSIDERED PART OF THE "RELOCATE P.A.P.I." PAY ITEM AND NO OTHER COMPENSATION WILL BE ALLOWED.



**P.A.P.I. LAYOUT DETAIL**  
"NOT TO SCALE"

APR 04, 2006 8:24 AM BAK I:\AIRPORTS\DEKALB\B03-05TXA\AIRPORT SHEETS\RWY -2\R-54SELE.DWG

DATE	REVISION	BY

**DIMA**  
DEKALB TAYLOR MUNICIPAL AIRPORT  
IL PROJ.: 3-17-0139-B42  
IL PROJ.: DK8-3448

FILE PROJECT NO.	DATE	BY	REVIEWED
80305TXAD_0800	01/22/04	CAH	CAH
R-54SELE.DWG	01/22/04	MDR	CAH
N/A	03/06/06		

**HANSON**  
Hanson Professional Services Inc.  
1524 South Sixth Street  
Springfield, Illinois 62709-2886  
Offices Nationwide

**REMOVE AND REGRADE RUNWAY END 2**  
PROPOSED ELECTRICAL NOTES AND DETAILS

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.

ALL PROPOSED RUNWAY MARKING SHALL BE SOLID AND WHITE IN COLOR.

ALL PROPOSED TAXIWAY MARKING SHALL BE SOLID AND YELLOW IN COLOR.

THE PROPOSED HOLDING POSITION LINE WILL BE OUTLINED IN BLACK.

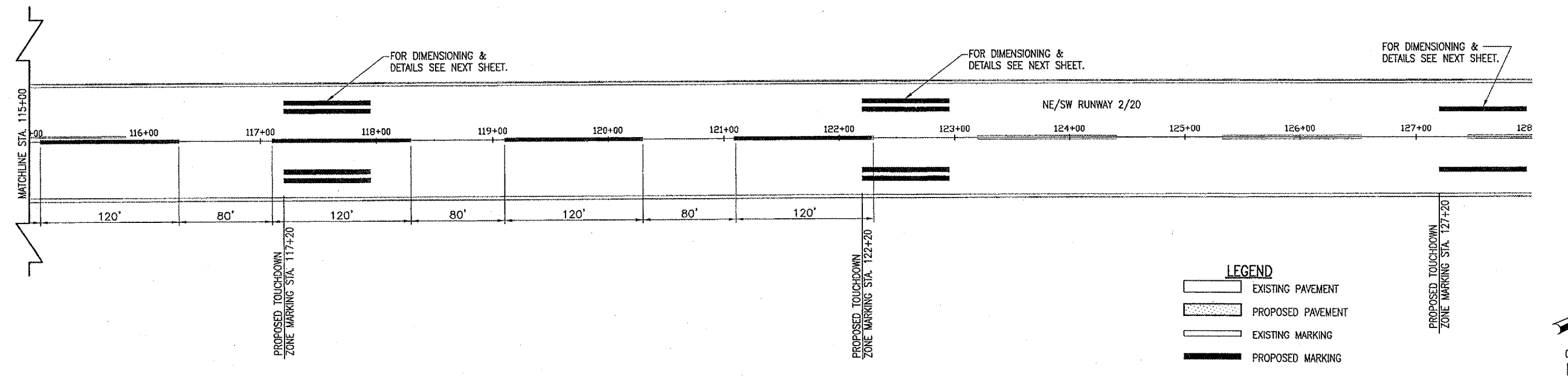
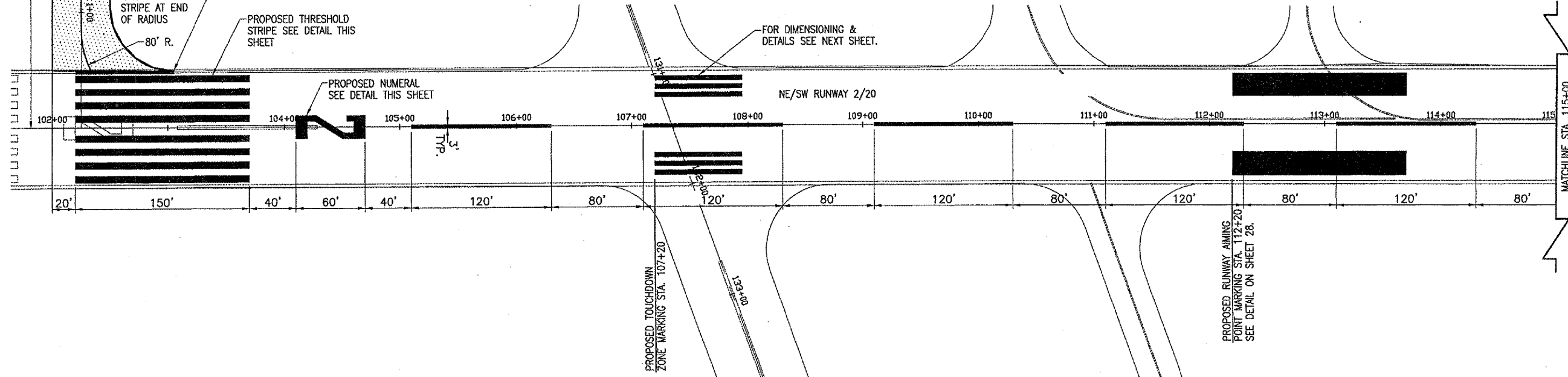
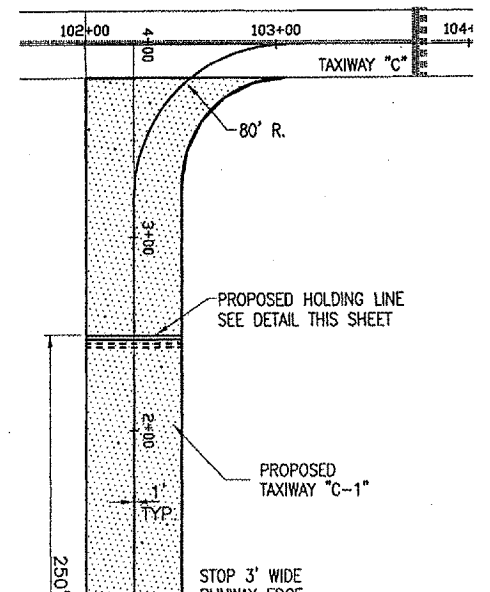
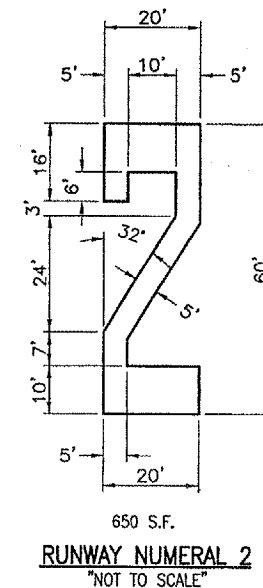
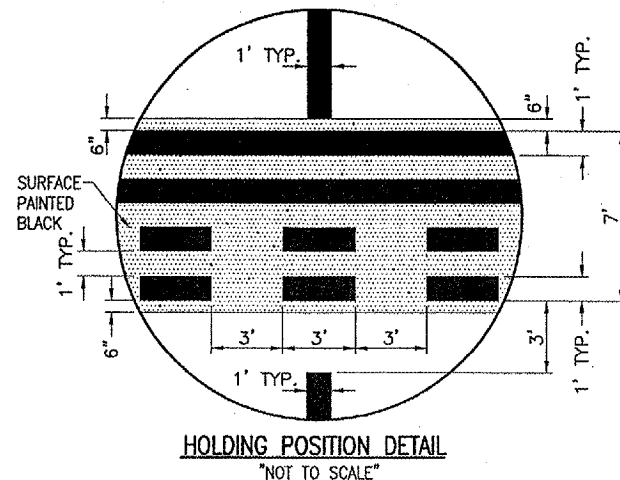
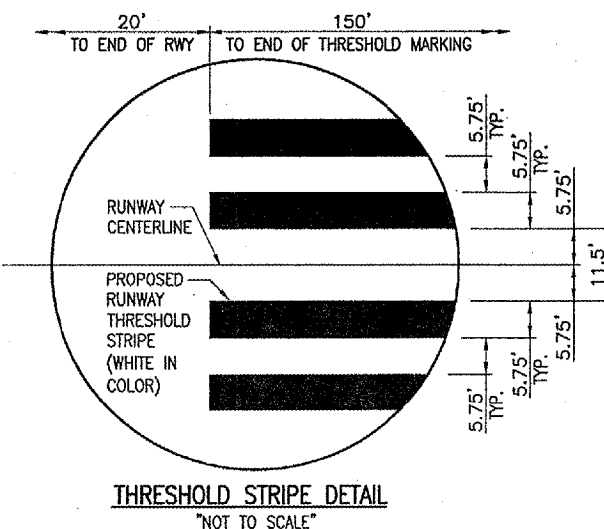
ALL PROPOSED MARKING WILL BE COMPLETED IN ACCORDANCE WITH THE DETAILS SHOWN ON THE CONSTRUCTION PLANS.

TWO APPLICATIONS OF PAINT ARE REQUIRED FOR ALL MARKING.

ALL PROPOSED MARKING WILL BE APPLIED WITH A REFLECTIVE MEDIA IN ACCORDANCE WITH THE SPECIFICATIONS. REFLECTIVE MEDIA IS NOT REQUIRED IN THE BLACK PAINT.

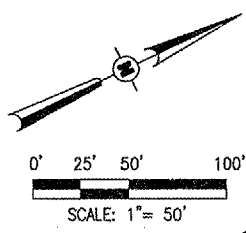
CUT-OFF SHEETS WILL BE REQUIRED TO INSURE STRAIGHT EDGES.

THE PROPOSED MARKING WILL BE PAID FOR UNDER ITEM: AR620520 PAVEMENT MARKING-WATERBORNE... 41,018 S.F.



**LEGEND**

- EXISTING PAVEMENT
- PROPOSED PAVEMENT
- EXISTING MARKING
- PROPOSED MARKING



REVISION	DATE	BY

**DIMAX**  
DEKALB TAYLOR MUNICIPAL AIRPORT

IL PROJ.: 3-17-0139-842

Proj. No. 80303MALSD	12/29/03
Drawn R-151MRK.DWG	12/29/03
Scale 1" = 50'	12/29/03
Date 12/29/03	03/06/06
LAYOUT CHH	CAH
DRAWN MDR	CAH
REVIEWED	CAH

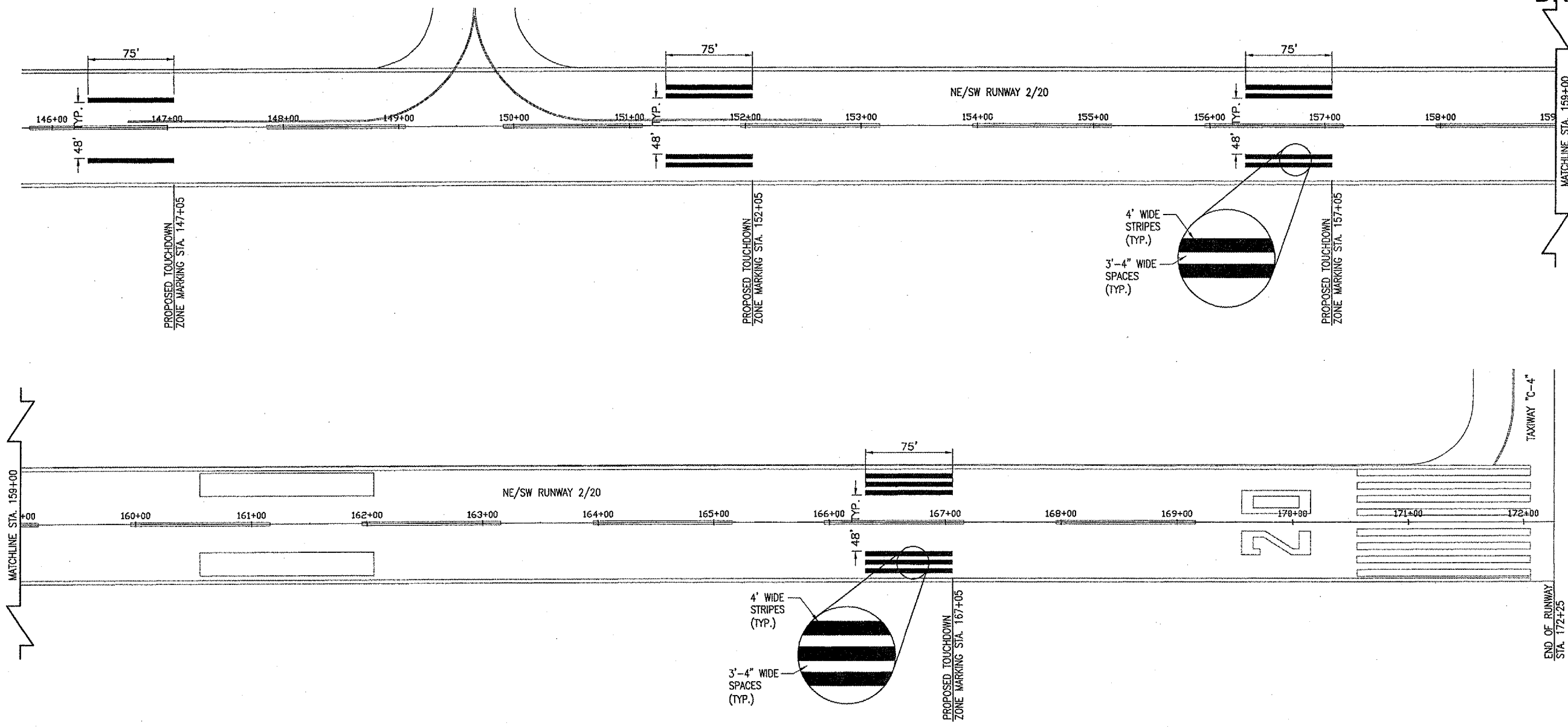
**HANSON**  
Professional Services Inc.  
1625 South Sixth Street  
Springfield, Illinois 62702-2886  
Offices Nationwide

REMOVE AND REGRADE RUNWAY END 2  
PROPOSED MARKING PLAN  
STA. 102+00 TO STA. 128+00

APR 03, 2006 2:24 PM BAK  
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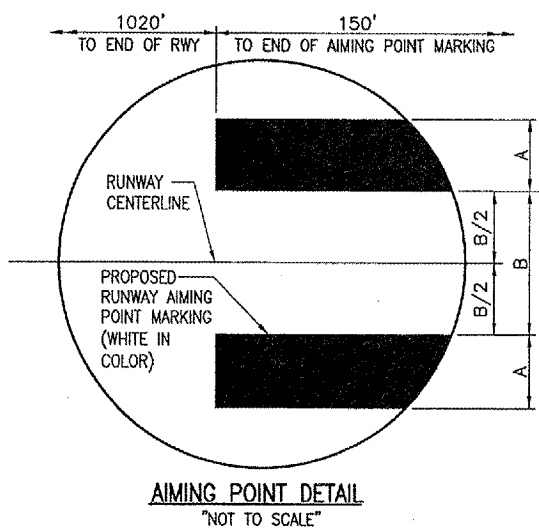
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DK050



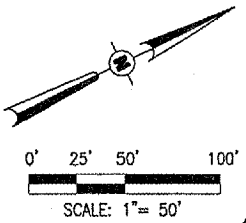
MARKING QUANTITIES - RUNWAY 2-20			
DESCRIPTION	UNIT AREA	NO. REQUIRED	TOTAL AREA
CENTERLINE STRIPE (SOLID)	360	9	3,240
NUMBER 2 (SOLID)	650	1	650
THRESHOLD STRIPE (SOLID)	862.5	8	6,900
RUNWAY AIMING POINT	3,000	2	6,000
RUNWAY EDGE STRIPE	255	1	255
TOUCHDOWN ZONE MARKER	300	32	9,600
TOTAL WHITE			26,645
HOLDING LINE	150	1	150
TAXIWAY CENTERLINE	387	1	387
TOTAL YELLOW			537
HOLDING LINE (BLACK BORDER)	250	1	250
TOTAL BLACK			250
TOTAL MARKING			27,432

AIMING POINT MARKING CONFIGURATION		
RUNWAY WIDTH (FEET)	A (FEET)	B (FEET)
60	12	28.8
75	15	36
100	20	48
150 OR GREATER	30	72



**LEGEND**

	EXISTING PAVEMENT
	EXISTING MARKING
	PROPOSED MARKING



NO.	DATE	REVISION	BY

**DTMAX**  
 DEKALB TAYLOR MUNICIPAL AIRPORT

Project No.	80303MALSD
Revision	R-151MRK.DWG
Scale	1" = 50'
Date	12/29/03
LAYOUT	CAH
DRAWN	MDR
REVIEWED	CAH
Date	03/06/06

**HANSON**  
 Hanson Professional Services Inc.  
 1625 South Sixth Street  
 Springfield, Illinois 62703-2888  
 Offices Nationwide

REMOVE AND REGRADE  
 RUNWAY END 2  
 PROPOSED  
 MARKING PLAN  
 STA. 146+00 TO STA. 172+25

IL PROJ.: DKB-3448 AIP PROJ.: 3-17-0139-B42





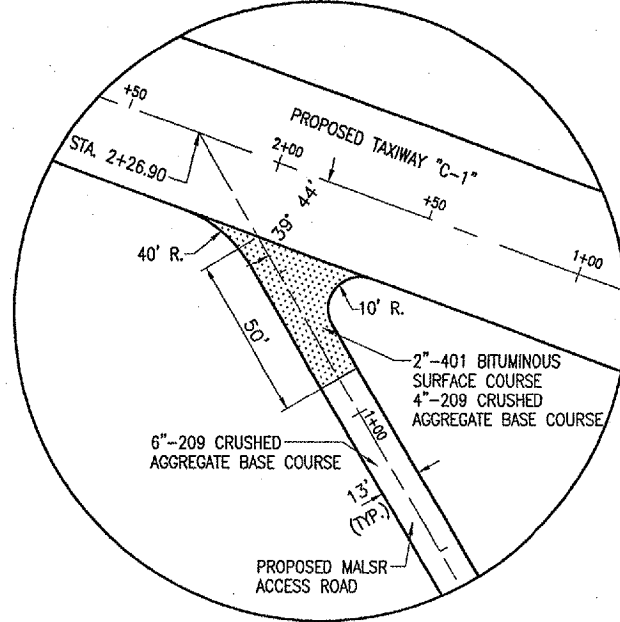
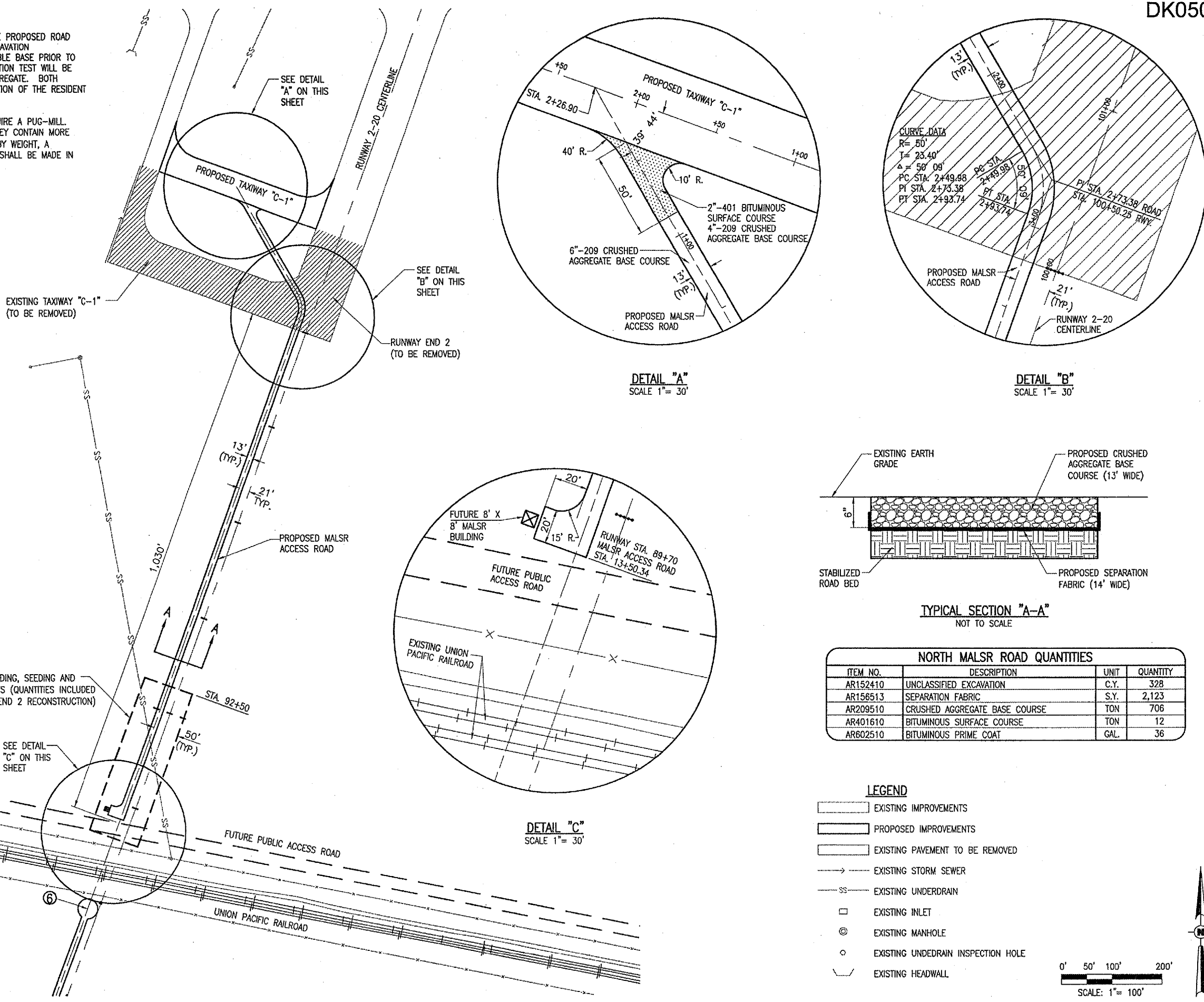
**MALSR ROADS NOTE**

UPON UNDERCUTTING THE UNCLASSIFIED EXCAVATION FOR THE PROPOSED ROAD BEDS, THE CONTRACTOR WILL FOLLOW THE UNCLASSIFIED EXCAVATION SUPPLEMENTAL SPECIFICATIONS TO PROVIDE A FIRM AND STABLE BASE PRIOR TO THE PLACEMENT OF ANY CRUSHED AGGREGATE. NO COMPACTION TEST WILL BE REQUIRED FOR THE EARTH SUB-BASE OR THE CRUSHED AGGREGATE. BOTH SURFACES WILL BE SMOOTH DRUM ROLLED TO THE SATISFACTION OF THE RESIDENT ENGINEER.

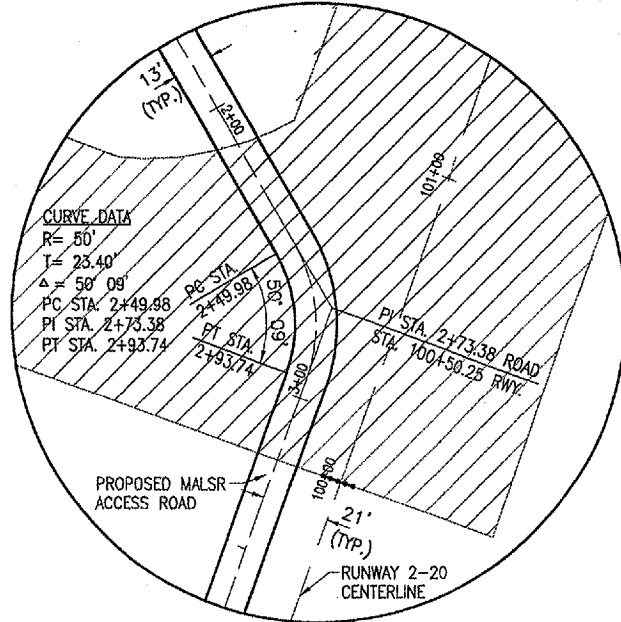
THE CRUSHED AGGREGATE FOR THESE ROADS WILL NOT REQUIRE A PUG-MILL. HOWEVER, IF AT THE TIME THE AGGREGATES ARE WEIGHED THEY CONTAIN MORE THAN SIX (6) PERCENT OF ABSORBED AND FREE MOISTURE BY WEIGHT, A DEDUCTION FOR THE MOISTURE IN EXCESS OF THIS AMOUNT SHALL BE MADE IN DETERMINING THE PAY QUANTITY.

DK050

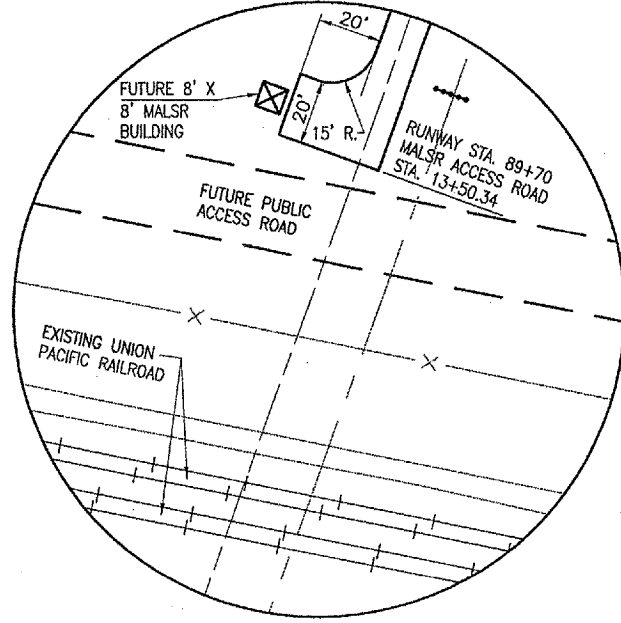
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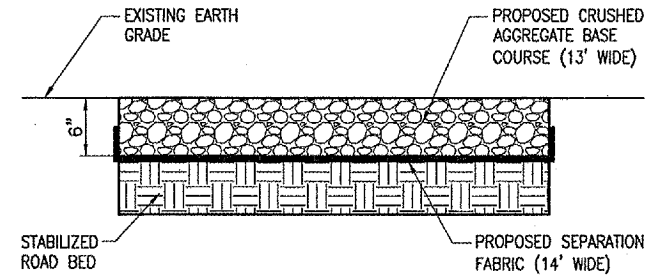
DETAIL "A"  
SCALE 1" = 30'



DETAIL "B"  
SCALE 1" = 30'



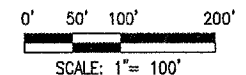
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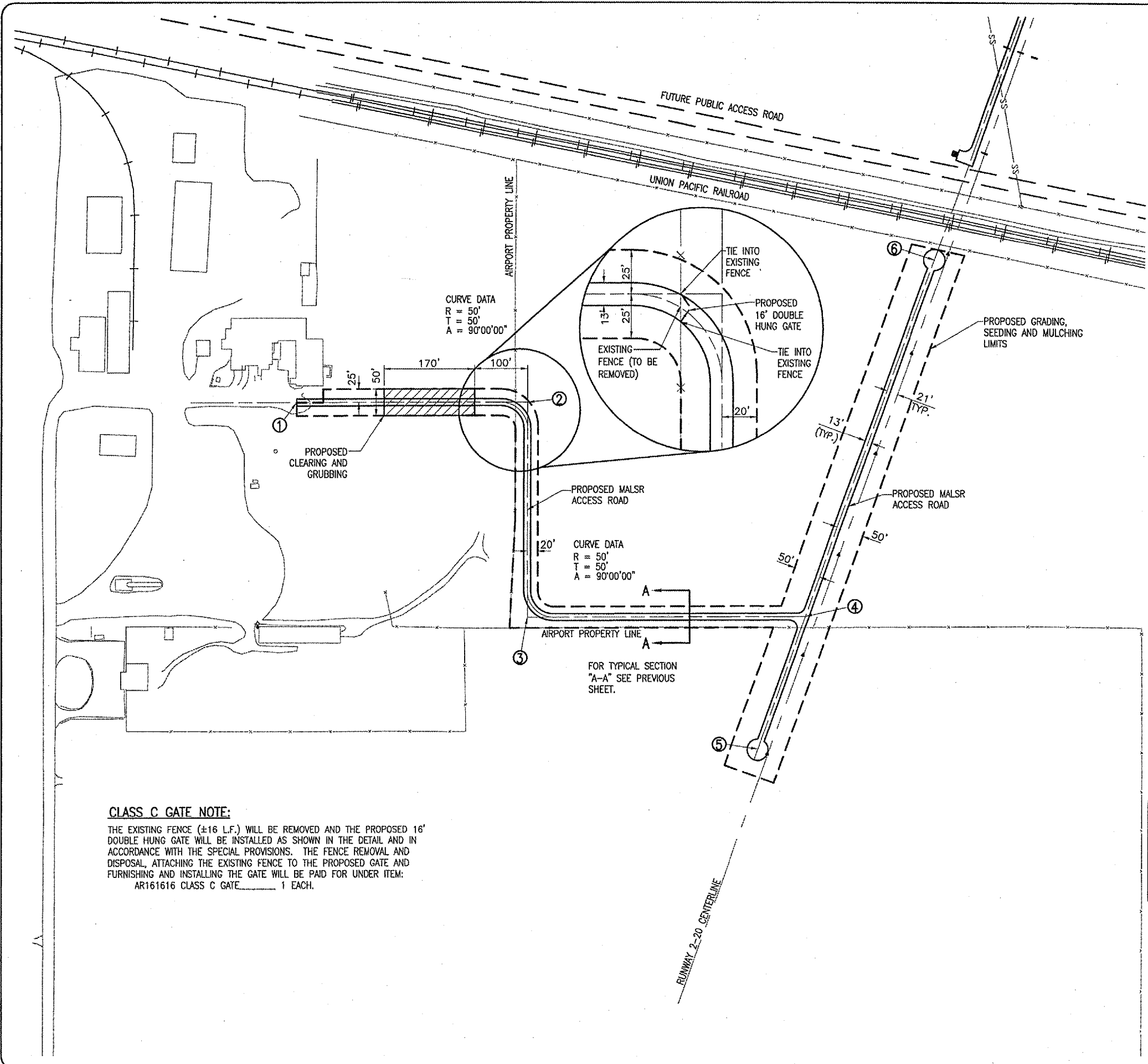
TYPICAL SECTION "A-A"  
NOT TO SCALE

NORTH MALSR ROAD QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
AR152410	UNCLASSIFIED EXCAVATION	C.Y.	328
AR156513	SEPARATION FABRIC	S.Y.	2,123
AR209510	CRUSHED AGGREGATE BASE COURSE	TON	706
AR401610	BITUMINOUS SURFACE COURSE	TON	12
AR602510	BITUMINOUS PRIME COAT	GAL.	36

- LEGEND**
- EXISTING IMPROVEMENTS
  - PROPOSED IMPROVEMENTS
  - EXISTING PAVEMENT TO BE REMOVED
  - EXISTING STORM SEWER
  - EXISTING UNDERDRAIN
  - EXISTING INLET
  - EXISTING MANHOLE
  - EXISTING UNDERAIN INSPECTION HOLE
  - EXISTING HEADWALL



<p>REVISION</p> <p>DATE</p>	<p>BY</p>	<p><b>DTMAX</b></p> <p>DEKALB TAYLOR MUNICIPAL AIRPORT</p>
<p>IL PROJ.: DKB-3448      AIR PROJ.: 3-17-0139-B42</p>		
<p>FILE PROJECT No. 80305TXXAD_0800</p> <p>FILE NAME R-101SIT.DWG</p> <p>SCALE 1" = 100'</p> <p>DATE 01/06/04</p>	<p>LAYOUT KDM 01/06/04</p> <p>DRAWN BAK 01/06/04</p> <p>REVIEWED CAH 02/22/06</p>	<p><b>HANSON</b></p> <p>Hanson Professional Services Inc. 1525 South Sixth Street Springfield, Illinois 62709-2886 Offices Nationwide</p>
<p><b>REMOVE AND REGRADE RUNWAY END 2</b></p> <p>PROPOSED MALSR ROAD (NORTH)</p>		
<p><b>35</b></p> <p>35 of 224 sheets</p>		

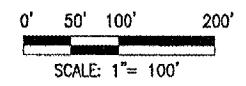


**CLASS C GATE NOTE:**  
 THE EXISTING FENCE (±16 L.F.) WILL BE REMOVED AND THE PROPOSED 16' DOUBLE HUNG GATE WILL BE INSTALLED AS SHOWN IN THE DETAIL AND IN ACCORDANCE WITH THE SPECIAL PROVISIONS. THE FENCE REMOVAL AND DISPOSAL, ATTACHING THE EXISTING FENCE TO THE PROPOSED GATE AND FURNISHING AND INSTALLING THE GATE WILL BE PAID FOR UNDER ITEM:  
 AR161616 CLASS C GATE \_\_\_\_\_ 1 EACH.

SOUTH MALSR ROAD		
POINT NO	NORTHING	EASTING
1	1,914,840.4385	880,925.6699
2	1,914,841.2141	881,360.5068
3	1,914,440.0172	881,360.5068
4	1,914,441.2961	881,886.1485
5	1,914,188.1961	881,795.2975
6	1,915,110.2356	882,126.2665

SOUTH MALSR ROAD QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
AR151450	CLEARING AND GRUBBING	ACRE	0.2
AR152410	UNCLASSIFIED EXCAVATION	C.Y.	594
AR156513	SEPARATION FABRIC	S.Y.	3,825
AR161816	CLASS C GATE	EACH	1
AR209510	CRUSHED AGGREGATE BASE COURSE	TON	1,276
AR901510	SEEDING	ACRE	3.0
AR908510	MULCHING	ACRE	3.0

- LEGEND**
- EXISTING IMPROVEMENTS
  - PROPOSED IMPROVEMENTS
  - PROPOSED CLEARING AND GRUBBING
  - EXISTING FENCE



DATE	REVISION	BY

AIP PROJ.: 3-17-0139-B42  
IL PROJ.: DKR-3448

**DIMAX**  
 DEKALB TAYLOR MUNICIPAL AIRPORT

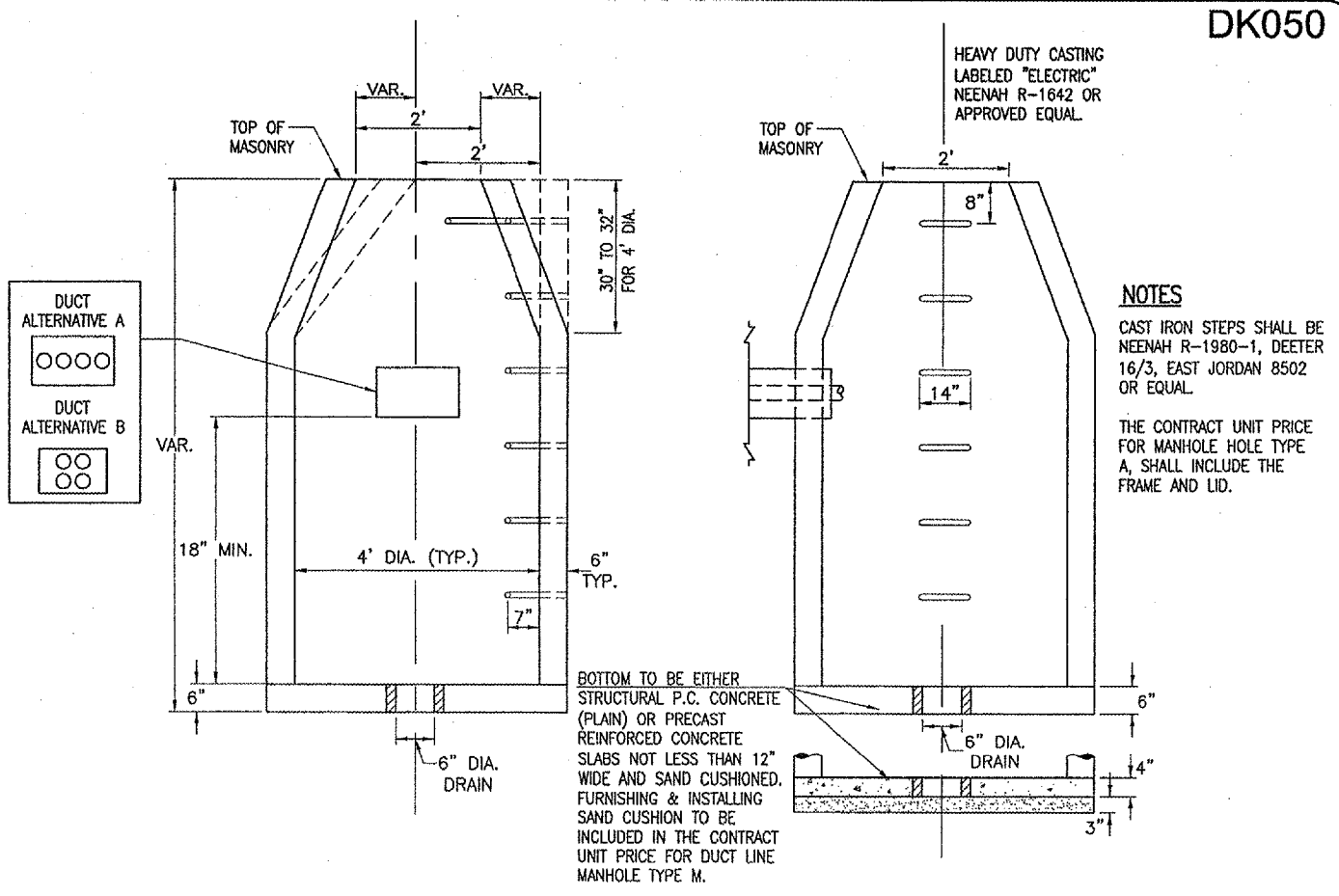
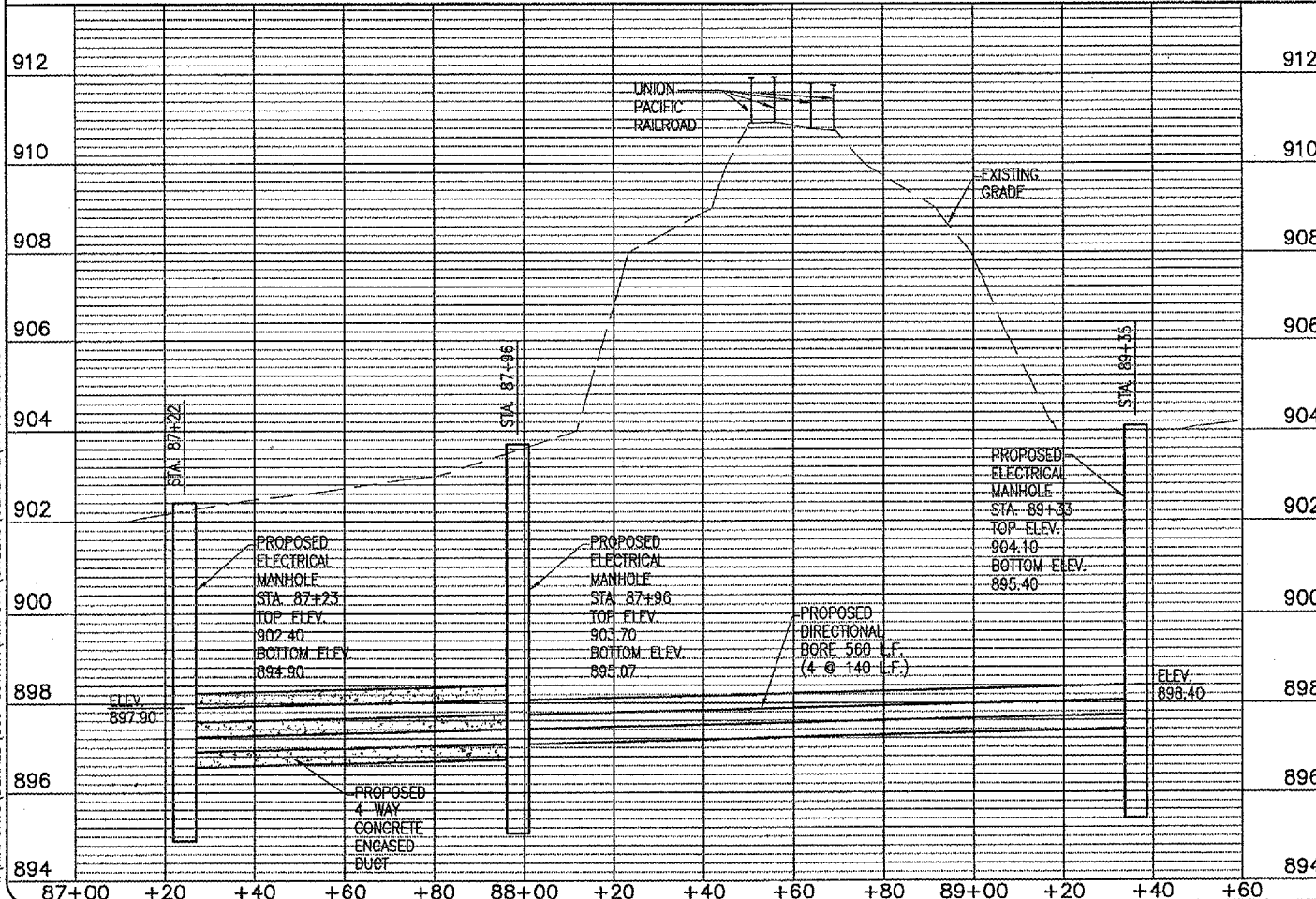
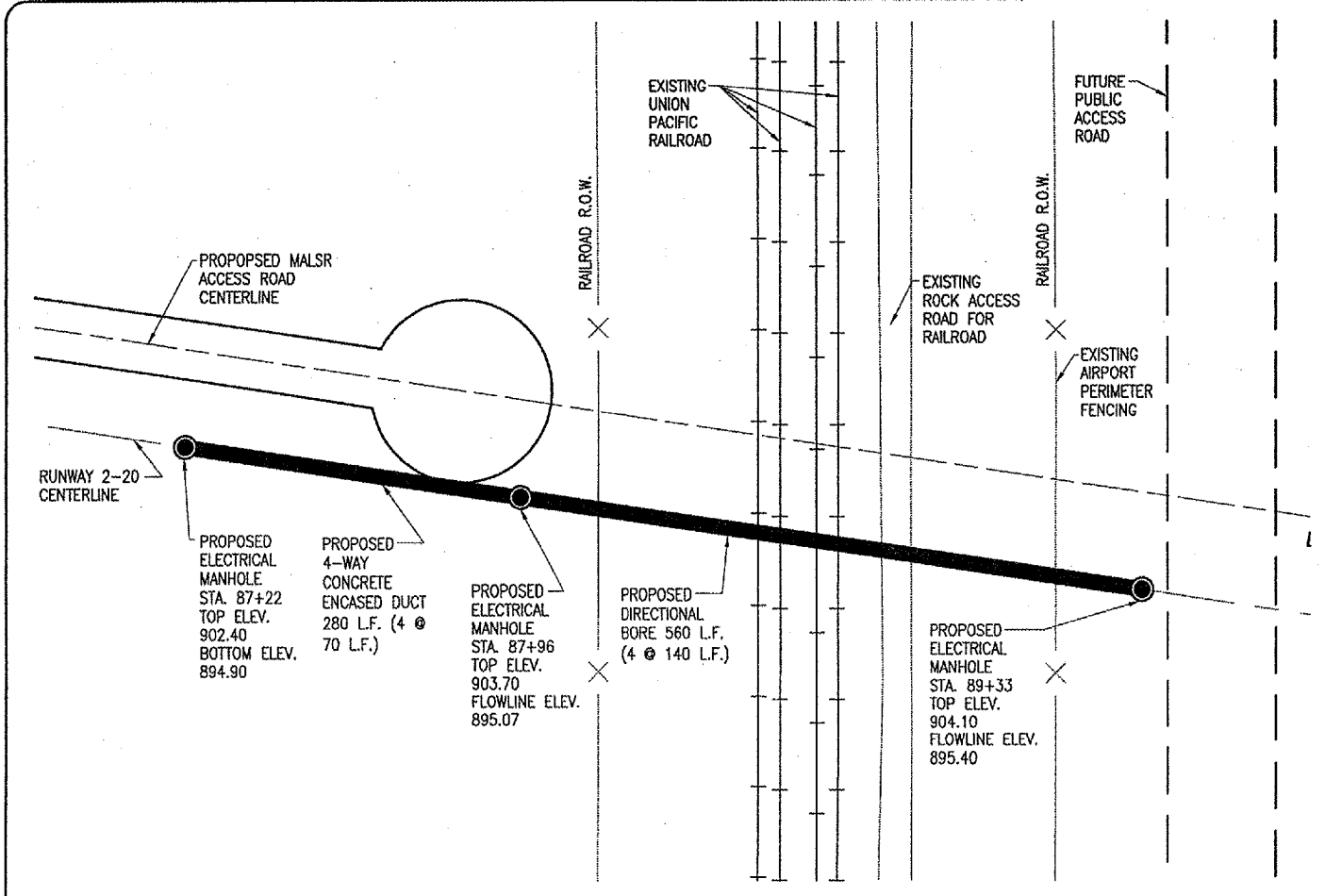
FILE PROJECT NO. 803087XAD_0800	DATE 01/06/04
PROGRAMS R-101SIT.DWG	DATE 01/06/04
SCALE 1" = 100'	DATE 01/06/04
DATE 01/06/04	DATE 02/22/06
LAYOUT KDM	DATE 01/06/04
DRAWN BAK	DATE 01/06/04
REVIEWED CAH	DATE 02/22/06

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

REMOVE AND REGRADE  
 RUNWAY END 2  
 PROPOSED  
 MALSR ROAD  
 (SOUTH)

APR 13, 2006 4:19 PM CAH  
 I:\AIRPORTS\DEKALB\803-087XAD\AIRPORT\SHEETS\RWY -2\ R-101SIT.DWG

APR 03, 2006 3:49 PM BJK  
 I:\AIRPORTS\DEKALB\803-OSTYVA\AIRPORT\_SHEETS\GENERAL\101151.DWG

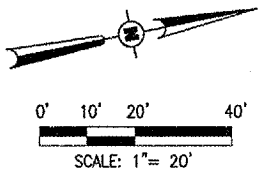


**MANHOLE TYPE M**  
 NOT TO SCALE

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**  
 [Symbol] EXISTING IMPROVEMENTS



DK050

DATE	REVISION	BY

**DIMAX**  
 DEKALB TAYLOR MUNICIPAL AIRPORT  
 IL PROJ.: DK0-3448 AIP PROJ.: 3-17-01-39-B42

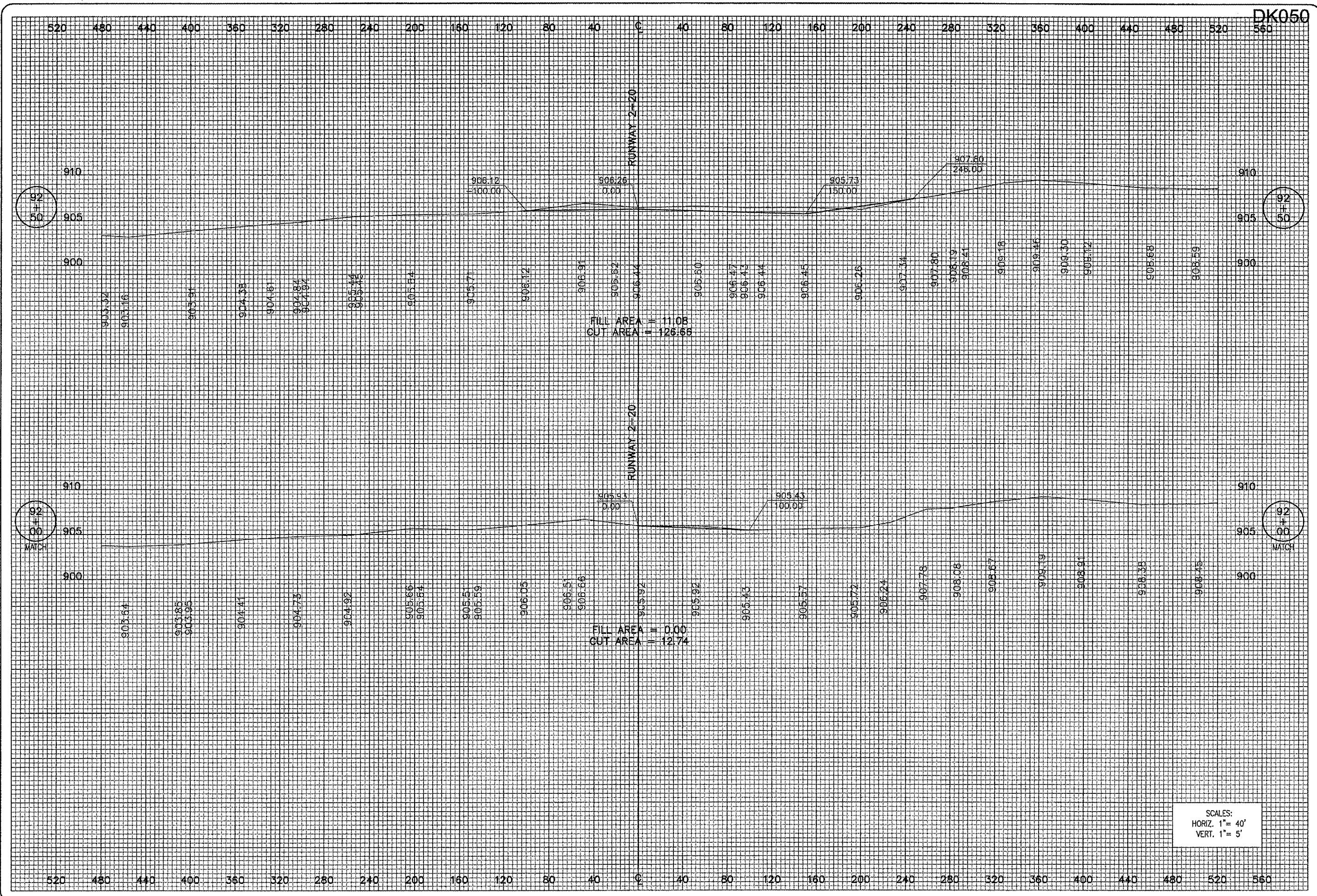
DESIGNER: R-10151.DWG	DATE: 01/06/04
LAYOUT: BAK	01/06/04
DRAWN: BAK	01/06/04
REVIEWED: CAH	02/22/06

**HANSON**  
 Hanson Professional Services Inc.  
 1525 South 50th Street  
 Springfield, Illinois 62703-2886  
 Chicago, Nationwide



REMOVE AND REGRADE  
 RUNWAY END 2  
 PROPOSED DUCT RUN  
 FOR MALS UNDER  
 RAILROAD



APR 04, 2006 8:30 AM BAK  
 I:\AIRPORTS\DEKALB\803-051XX\AIRPORT\SHEETS\RWY -2\CROSS SECTIONS\R-301A-XS-GR.DWG

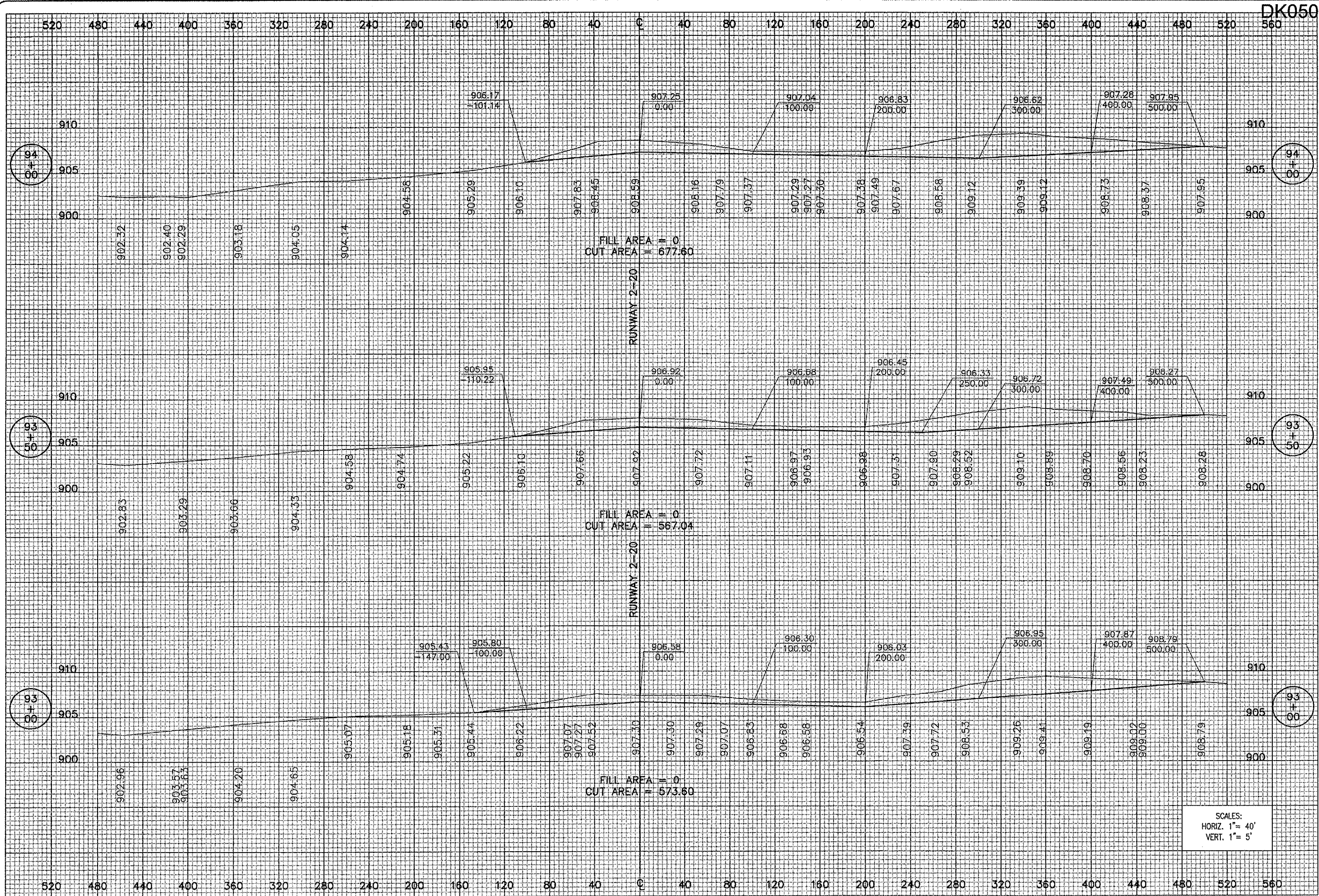


SCALES:  
 HORIZ. 1" = 40'  
 VERT. 1" = 5'

BY	REVISION
	DATE
 <b>DIMAX</b> DEKALB TAYLOR MUNICIPAL AIRPORT	
L. PROJ. DK8-3448      AP PROJ. 3-17-0138-B42	
HPS Project No. 803051XXAD 0800 Plans: R-301A-XS-GR.DWG Scale: H= 1"=40' V= 1"= 5' Date: 5/14/04	
LAYOUT	CAH 5/14/04
DRAWN	BHK 5/14/04
REVIEWED	CAH 03/06/06
 <b>HANSON</b> Hanson Professional Services Inc. 1625 South State Street Spring Hill, TN 37073-2888 Offices Nationwide	
REMOVE AND REGRADE RUNWAY END 2 PROPOSED CROSS-SECTIONS FOR RUNWAY 2-20 STA. 92+00 TO STA. 92+50	
<span style="font-size: 2em;">38</span> 38 of 224 sheets	



APR 04, 2006 8:30 AM BAK  
 I:\AIRPORTS\DEKALB\803-05TAXI\AIRPORT\SHEETS\RWY -2\CROSS SECTIONS\R-301XS-CR.DWG



SCALES:  
 HORIZ. 1" = 40'  
 VERT. 1" = 5'

DATE	REVISION	BY

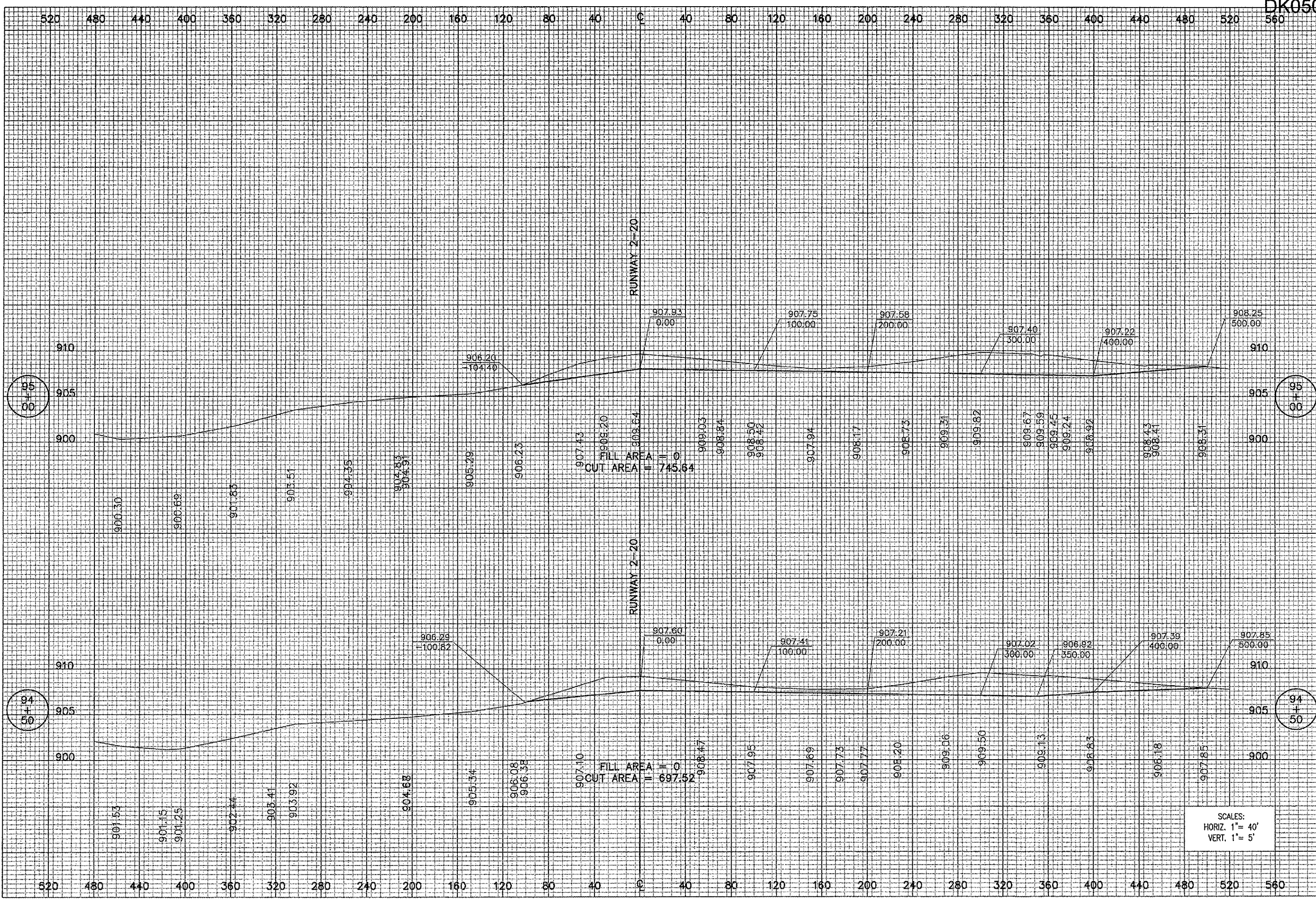
**DIMAX**  
**DEKALB TAYLOR MUNICIPAL AIRPORT**  
 IL. PROJ.: DKB-3448 AIP PROJ.: 3-17-0139-B42

HS Project No. 80305TAXAD 0800	CAH	5/14/04
Filename R-301XS-CR.DWG	BAK	5/14/04
Scale: H=1"=40' V=1"=5'	CAH	03/06/06
Date: 5/14/04		

**HANSON**  
 Hanson Professional Services Inc.  
 1525 South State Street  
 Springfield, MA 01103-2886  
 Offices Nationwide

REMOVE AND REGRADE  
 RUNWAY END 2  
 PROPOSED CROSS-SECTIONS  
 FOR RUNWAY 2-20  
 STA. 93+00 TO STA. 94+00





SCALES:  
 HORIZ. 1" = 40'  
 VERT. 1" = 5'

DATE	REVISION	BY



HES Project No. 803051XAD 0800 Drawings R-302XS-GR.DWG Scale H=1"=40' V=1"=5' Date 5/17/04	LAYOUT JMB 05/17/04 DRAWN JMB 05/17/04 REVIEWED CAH 03/06/06
---	--

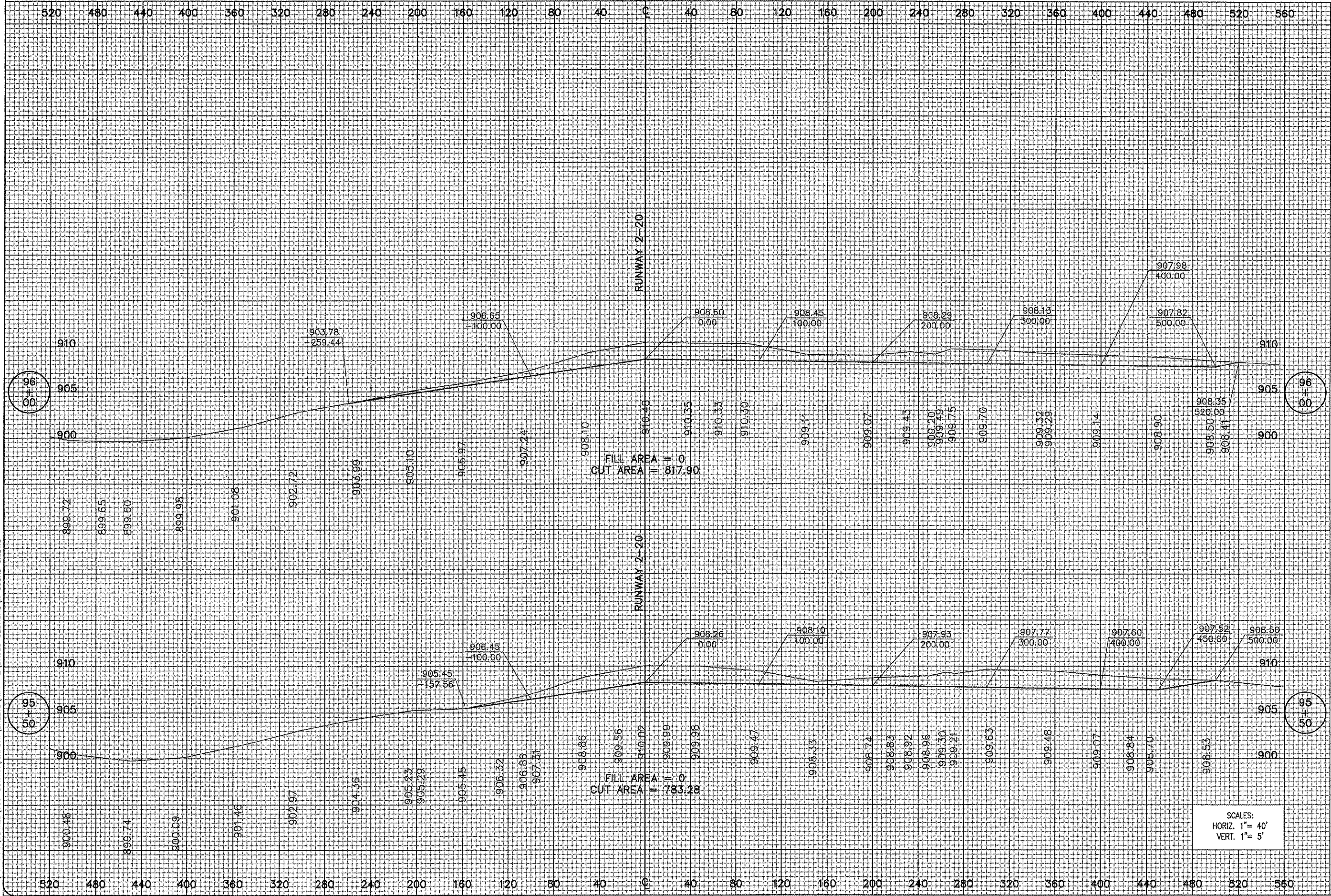


REMOVE AND REGRADE  
 RUNWAY END 2  
 PROPOSED CROSS-SECTIONS  
 FOR RUNWAY 2-20  
 STA. 94+50 TO STA. 95+00



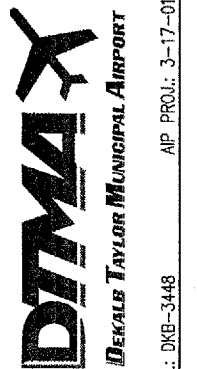
APR 04, 2006 8:36 AM BAK  
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DK050



SCALES:  
 HORIZ. 1" = 40'  
 VERT. 1" = 5'

DATE	REVISION	BY



HPS Project No. 80305TXAD 0800	
Element	R-303XS-GR.DWG
Scale	H= 1"=40' V= 1"=5'
Date	05/17/04
LAYOUT	JMB 05/17/04
DRAWN	JMB 05/17/04
REVIEWED	CAH 05/08/06

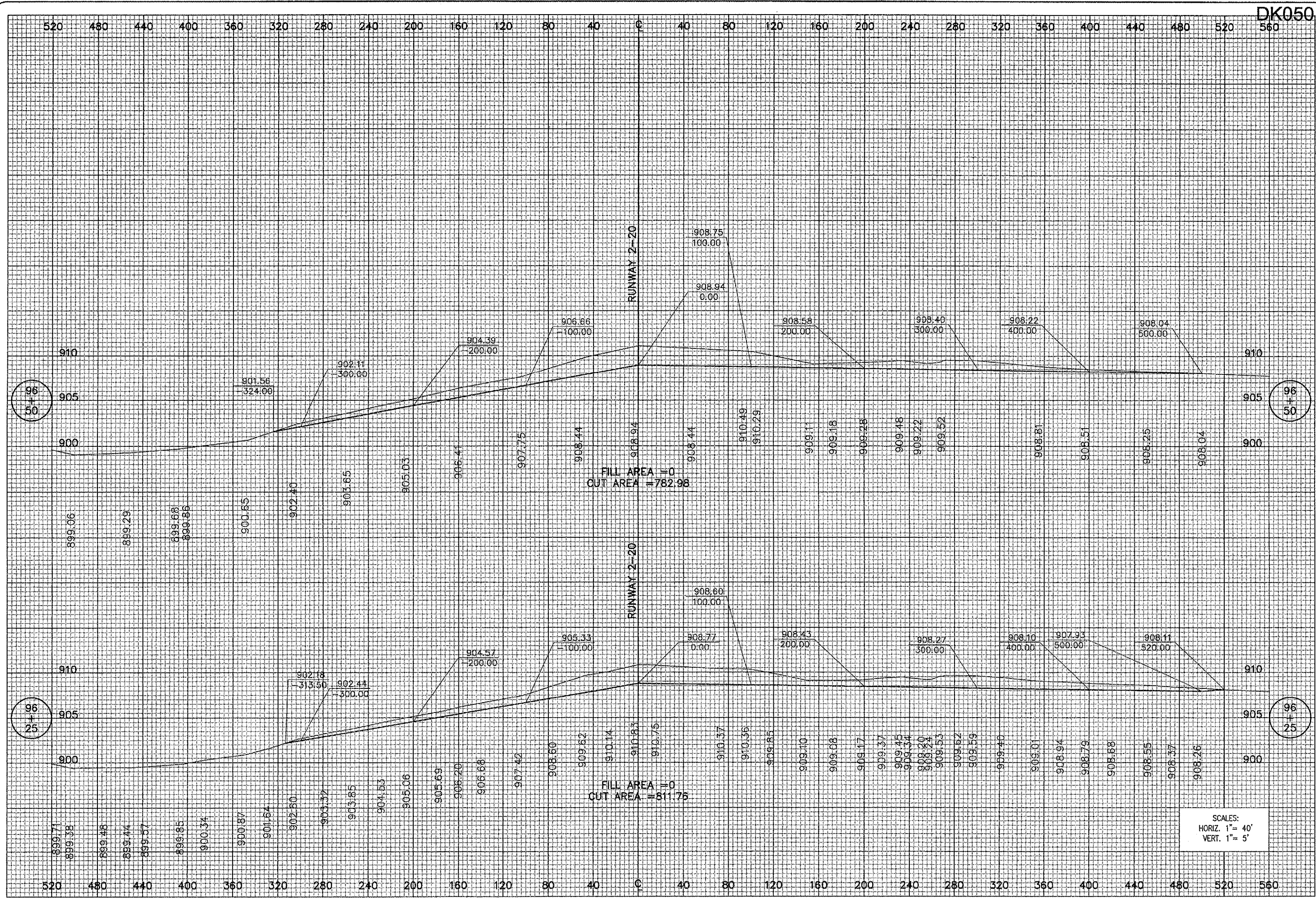


REMOVE AND REGRADE  
 RUNWAY END 2  
 PROPOSED CROSS-SECTIONS  
 FOR RUNWAY 2-20  
 STA. 95+50 TO STA. 96+00

IL PROJ.: DKB-3448 AIP PROJ.: 3-17-0139-B42



APR 04, 2006 8:41 AM BAK  
 I:\AIRPORTS\DEKALB\803-05\XVA\AIRPORT\SHEETS\RWY-2\CROSS\_SECTIONS\R-304XS-GR.DWG



DK050

DATE	REVISION	BY



**DEKALB TAYLOR MUNICIPAL AIRPORT**

AIP PROJ.: 3-17-0139-342  
 I.L. PROJ.: DKB-3448

HFS Project No. 803051XVAD_0800	
Elevation: R-304XS-GR.DWG	
Scale:	H= 1"=40' V= 1"=5'
Date:	05/17/04
LAYOUT	JMB 05/17/04
DRAWN	JMB 05/17/04
REVIEWED	CAH 03/06/06

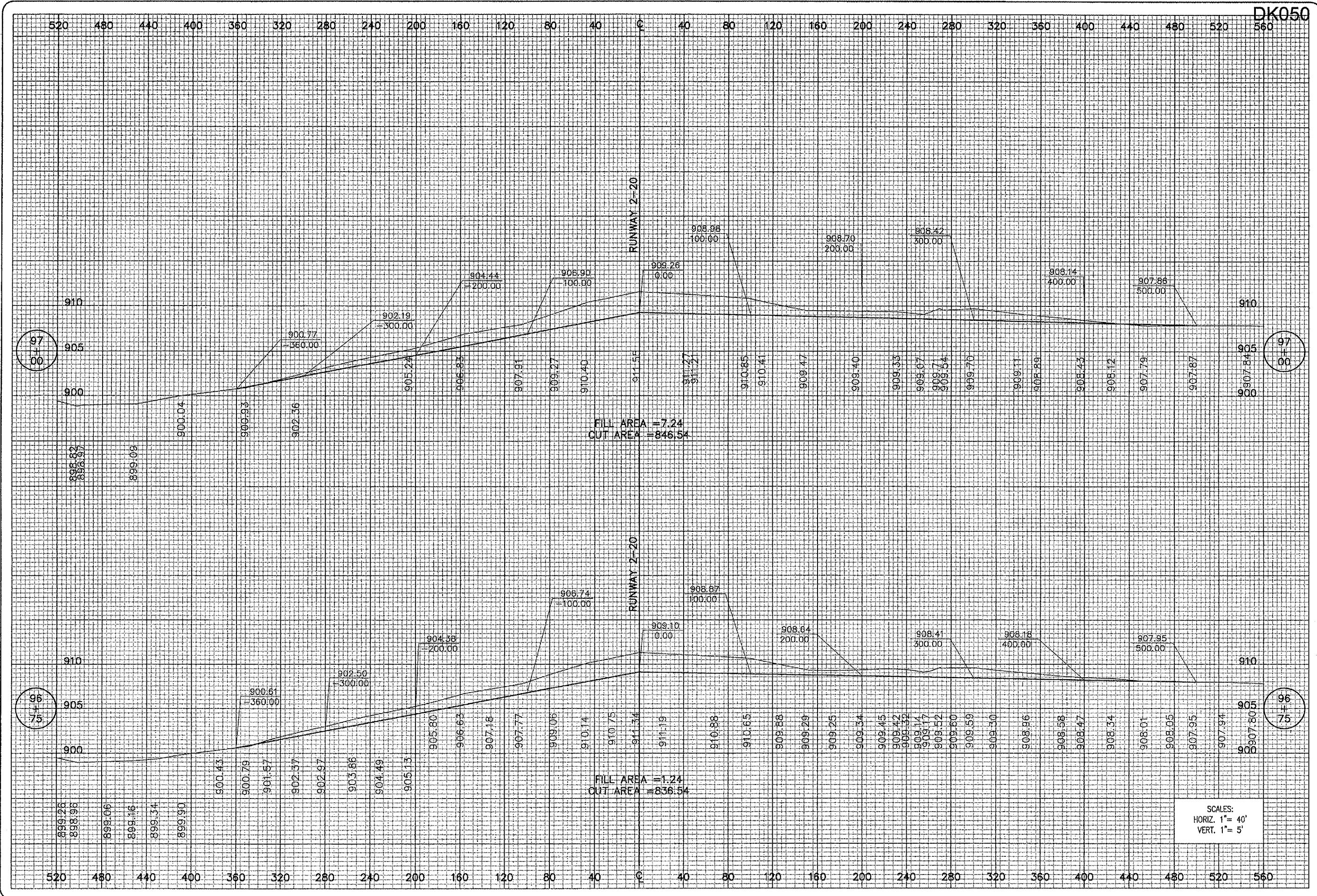


Hanson Professional Services Inc.  
 1525 South Sixth Street  
 Springfield, Illinois 62703-2886  
 Offices Nationwide

REMOVE AND REGRADE  
 RUNWAY END 2  
 PROPOSED CROSS-SECTIONS  
 FOR RUNWAY 2-20  
 STA. 96+25 TO STA. 96+50



APR 04, 2006 8:44 AM BAK  
 I:\AIRPORTS\DEKALB\803-05TAXA\AIRPORT\SHEETS\RYW-2\CROSS SECTIONS\R-305XS-CR.DWG



SCALES:  
 HORIZ. 1" = 40'  
 VERT. 1" = 5'

DATE	REVISION	BY

**DIMA**  
 DEKALB TAYLOR MUNICIPAL AIRPORT  
 I.L. PROJ.: DKB-3448 AIP PROJ.: 3-17-0139-B42

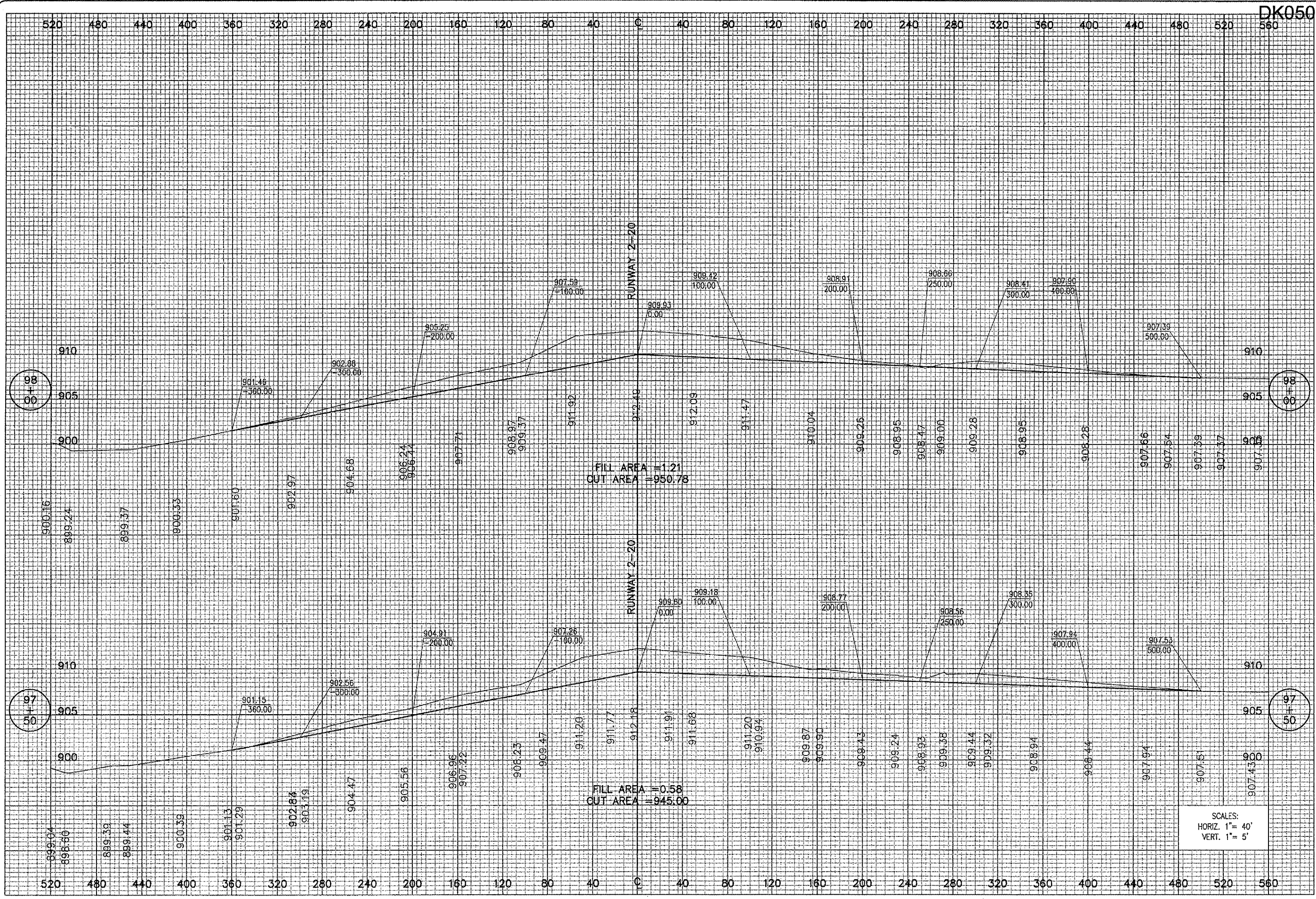
I.E.S. Project No. 80305TXYAD_0800	
Filename R-305XS-CR.DWG	
Scale	H= 1"=40' V= 1"=5'
Date	5/17/04
LAYOUT	CAH 5/17/04
DRAWN	BAK 5/17/04
REVIEWED	CAH 03/06/06

**HANSON**  
 Hanson Professional Services Inc.  
 1295 South Sixth Street  
 Springfield, Illinois 62705-2886  
 Offices Nationwide

REMOVE AND REGRADE  
 RUNWAY END 2  
 PROPOSED CROSS-SECTIONS  
 FOR RUNWAY 2-20  
 STA. 96+75 TO STA. 97+00



APR 04, 2006 8:48 AM BAK  
 I:\AIRPORTS\DEKALB\803-0517X\AIRPORT\SHEETS\R-2\CROSS SECTIONS\R-306XS-CR.DWG



DK050

DATE	REVISION	BY



IL PROJ.: DK0-3448 AIP PROJ.: 3-17-01:39-B42

HPS Project No. 8030517XAD_0800	
Filename	R-306XS-CR.DWG
Scale	H=1"=40' V=1"=5'
Date	05/17/04
LAYOUT	JMB 05/17/04
DRAWN	JMB 05/17/04
REVIEWED	CAH 03/06/06

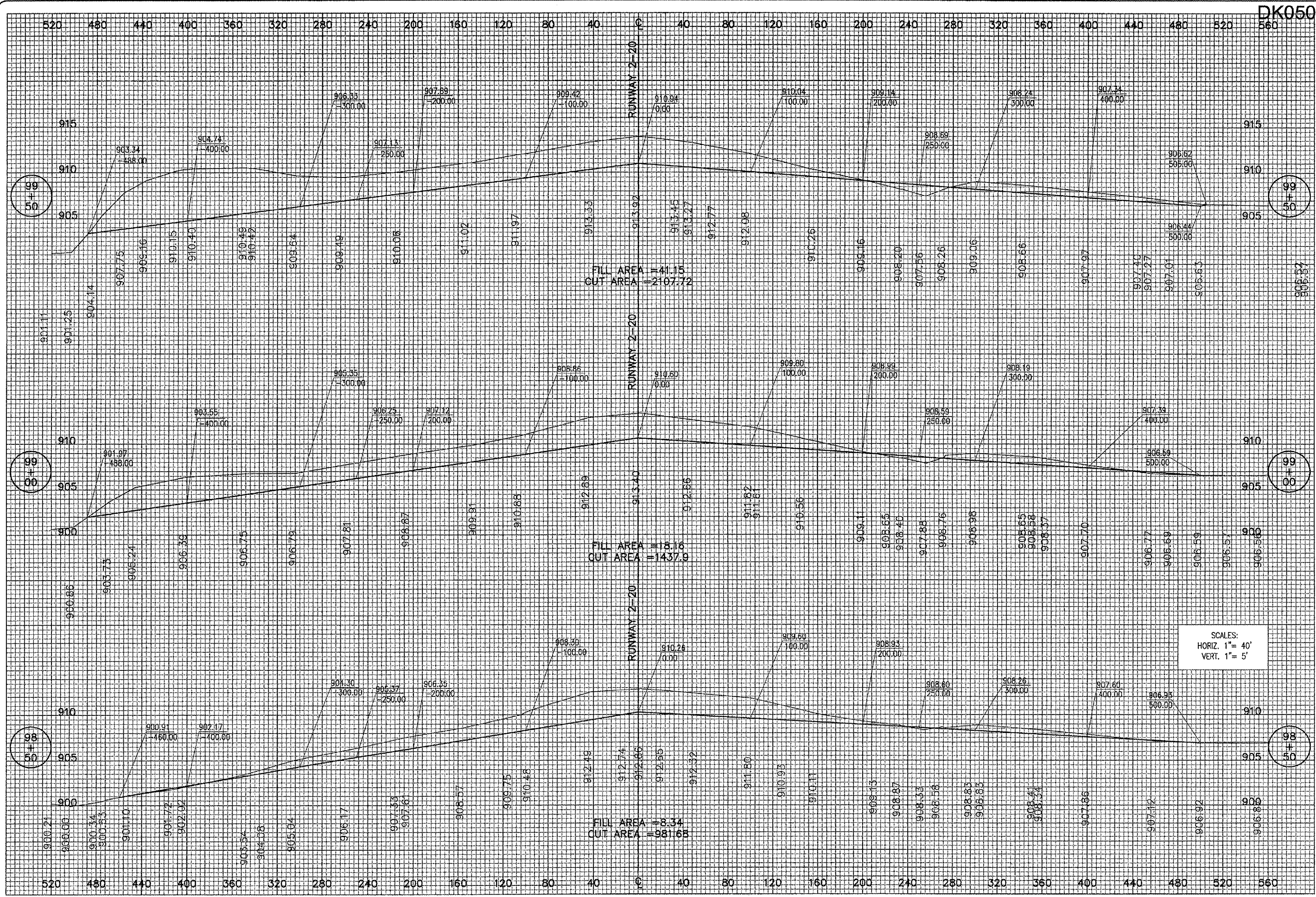


Hanson Professional Services Inc.  
 1501 E. 5th St.  
 Springfield, Illinois 62703-2886  
 Offices Nationwide

REMOVE AND REGRADE  
 RUNWAY END 2  
 PROPOSED CROSS-SECTIONS  
 FOR RUNWAY 2-20  
 STA. 97+50 TO STA. 98+00



APR 04, 2005 8:52 AM BAK  
 F:\AIRPORTS\DEKALB\803-057XVA\AIRPORT\SHEETS\RWY -2\CROSS SECTIONS\R-307XS-GR.DWG



DATE	REVISION	BY

**DK050**

**DTMA**

**DEKALB TAYLOR MUNICIPAL AIRPORT**

IL PROJ: DKB-3448 AIP PROJ: 3-17-0139-B42

HPS Project No. 803051XXAD 0600  
 Filename R-307XS-GR.DWG  
 Scale H = 1" = 40' V = 1" = 5'  
 Date 05/17/04

LAYOUT	JMB	05/17/04
DRAWN	JMB	05/17/04
REVIEWED	CAH	03/06/06

**HANSON**

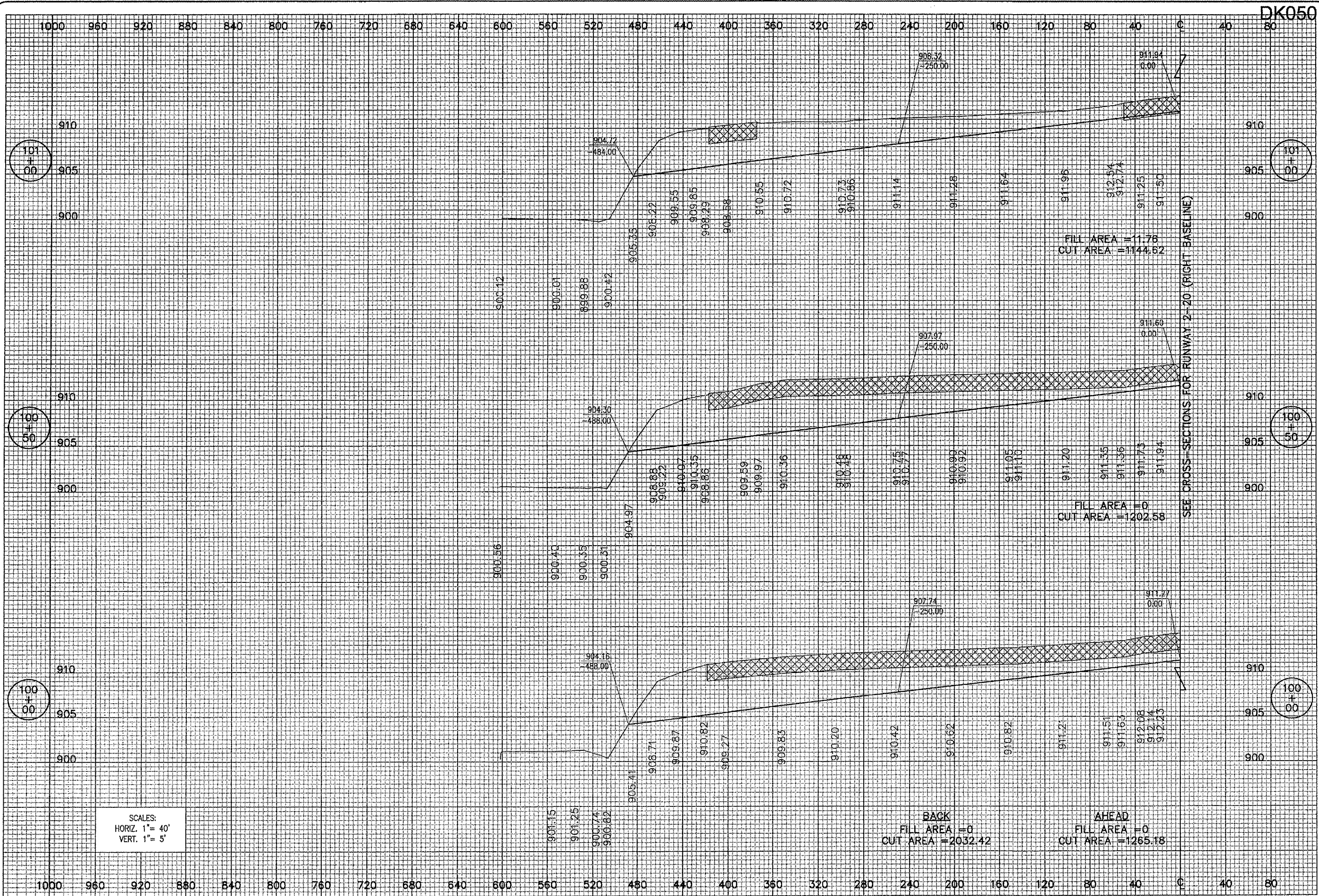
Hanson Professional Services Inc.  
 1626 South Sixth Street  
 Springfield, Illinois 62703-2888  
 Offices Nationwide

**REMOVE AND REGRADE RUNWAY END 2**

**PROPOSED CROSS-SECTIONS FOR RUNWAY 2-20**

STA. 98+50 TO STA. 99+00





DATE	REVISION	BY



**DEKALB TAYLOR MUNICIPAL AIRPORT**  
 IL PROJ.: DKB-3448  
 AP PROJ.: 3-17-0139-B42

ILS Project No. 803051XAD 0800 Filename R-309XS-CR.DWG Scale H 1" = 40' V 1" = 5' Date 05/17/04	LAYOUT JMB 05/17/04 DRAWN JMB 05/17/04 REVIEWED CAH 03/16/06
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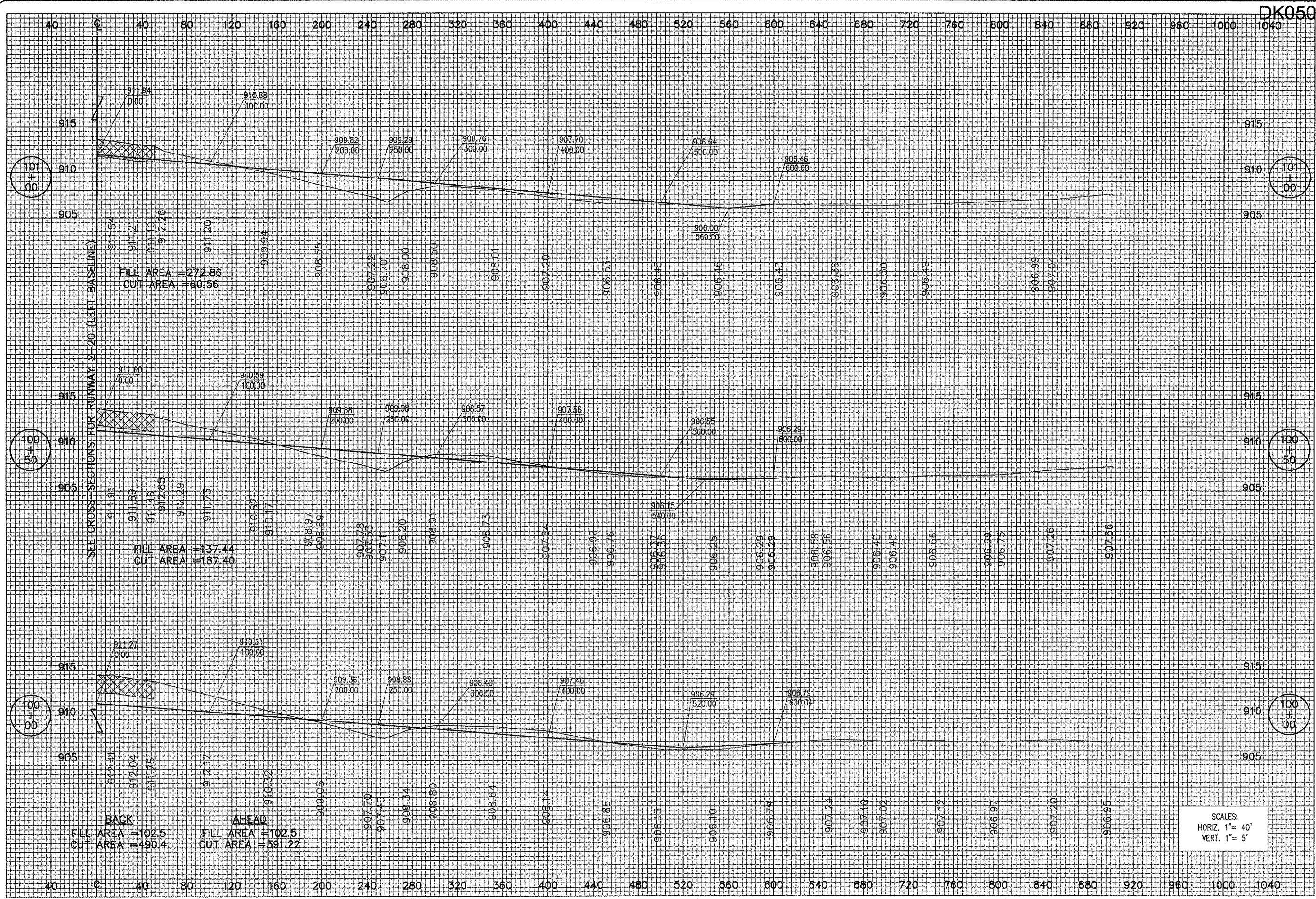


Hanson Professional Services Inc.  
 1525 South Sixth Street  
 Springfield, Illinois 62703-2886  
 Offices Nationwide

REMOVE AND REGRADE  
 RUNWAY END 2  
 PROPOSED CROSS-SECTIONS  
 FOR RUNWAY 2-20 (LEFT)  
 STA. 100+00 TO STA. 101+00



APR 04, 2006 9:03 AM BAK  
 I:\AIRPORTS\DEKALB\B03-05TXA\AIRPORT\SHEETS\RWY -2\CROSS SECTIONS\R-30BXS-GR.DWG



SCALES:  
 HORIZ. 1" = 40'  
 VERT. 1" = 5'

DATE	REVISION	BY

**DIMAX**  
 DEKALB TAYLOR MUNICIPAL AIRPORT  
 IL PROJ: DK8-3448      AP PROJ: 3-17-0139-B42

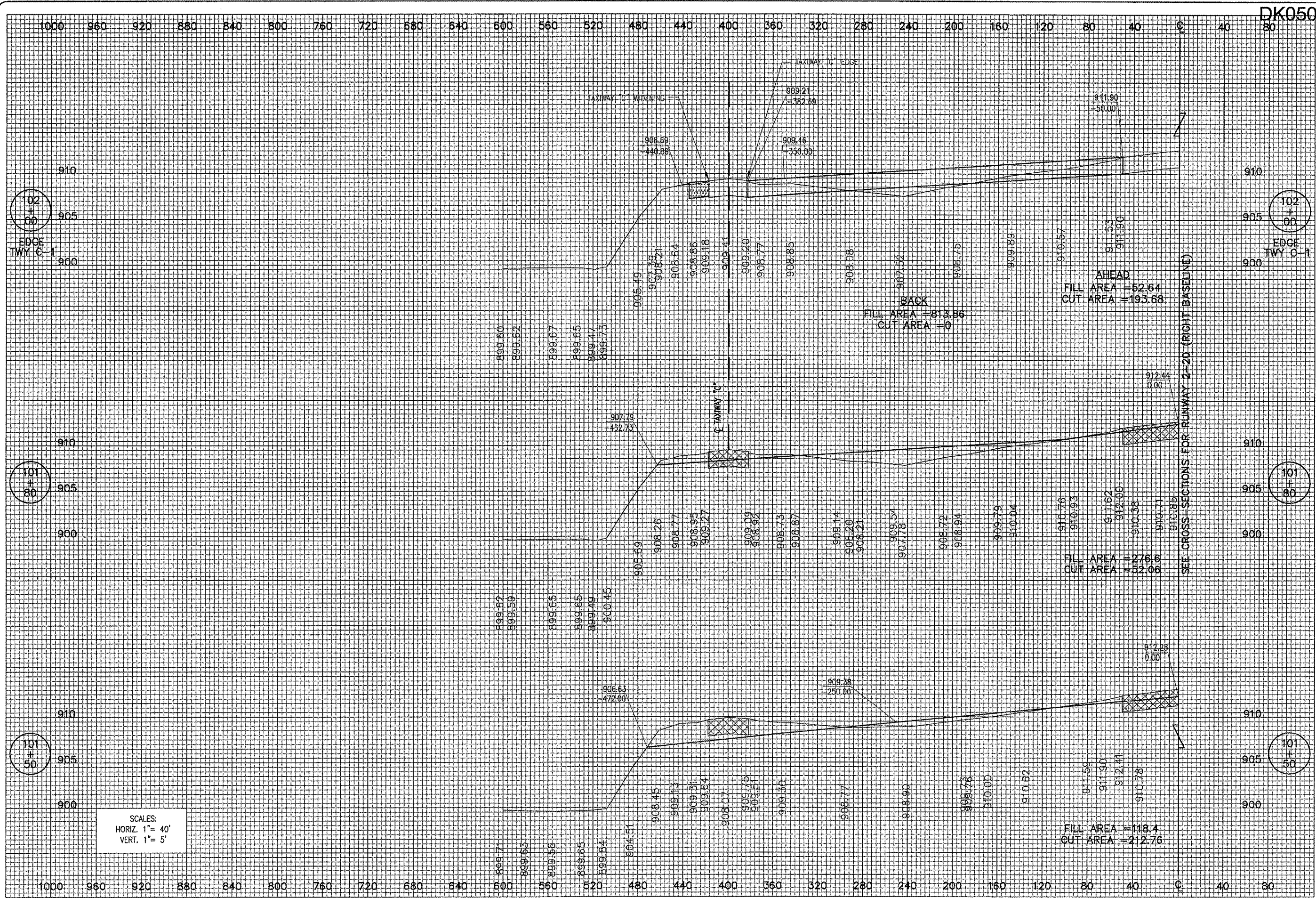
NPS Project No. 80305TXAD 0800	
Revision R-30BXS-GR.DWG	
Scale H= 1" = 40' V= 1" = 5'	
Date 05/17/04	
LAYOUT JMB 05/17/04	
DRAWN JMB 05/17/04	
REVIEWED CAH 03/05/06	

**HANSON**  
 Hanson Professional Services Inc.  
 1025 W. 50th St. #2708-2808  
 Springfield, IL 62708-2808  
 Offices Nationwide

REMOVE AND REGRADE  
 RUNWAY END 2  
 PROPOSED CROSS-SECTIONS  
 FOR RUNWAY 2-20 (RIGHT)  
 STA. 100+00 TO STA. 101+00



APR 04, 2006 9:07 AM BAK  
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DATE	REVISION	BY

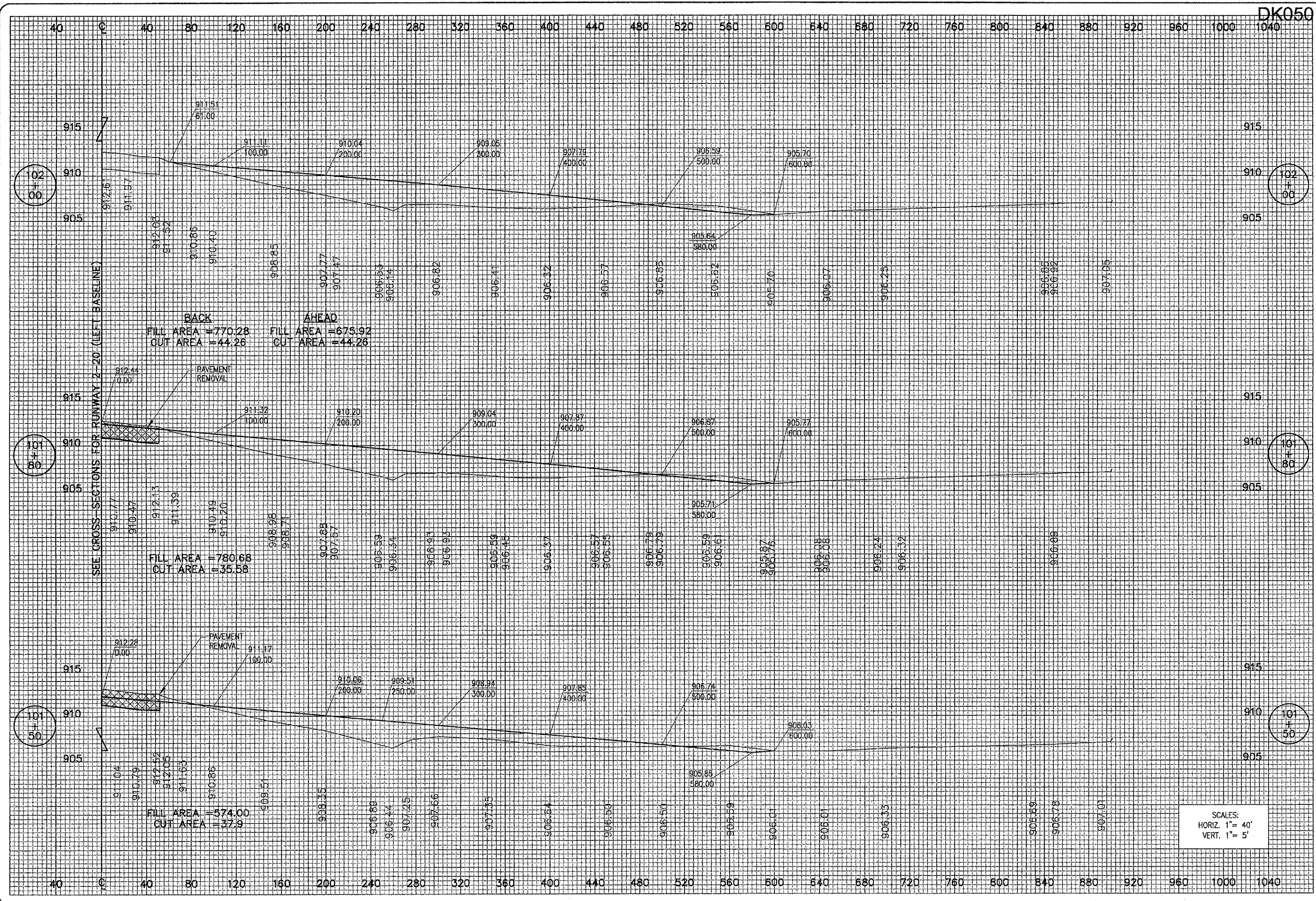
**DIMA**  
 DEKALB TAYLOR MUNICIPAL AIRPORT  
 IL PROJ.: DKB-3448 AIP PROJ.: 3-17-0139-B42

FILE Project No. 803051YXAD 0800	FILE Project No. 803051YXAD 0800
FILE Name R-311XS-GR.DWG	FILE Name R-311XS-GR.DWG
Scale H. 1" = 40' V. 1" = 5'	Scale H. 1" = 40' V. 1" = 5'
Date 02/17/06	Date 02/17/06
LAYOUT MDR 02/17/06	LAYOUT MDR 02/17/06
DRAWN MDR 02/17/06	DRAWN MDR 02/17/06
REVIEWED CAH 03/06/06	REVIEWED CAH 03/06/06

**HANSON**  
 Hanson Professional Services Inc.  
 1625 South State Street  
 Springfield, MA 01103  
 Offices Nationwide

REMOVE AND REGRADE  
 RUNWAY END 2  
 PROPOSED CROSS-SECTIONS  
 FOR RUNWAY 2-20 (LEFT)  
 STA. 101+50 TO STA. 102+00





DK050

DATE	REVISION	BY



**DEKALB TAYLOR MUNICIPAL AIRPORT**  
 AIP PROJ.: 3-17-0139-842

Proj. No. 80305TYAD 0800	
Drawn R-310XS-CR.DWG	
Scale H. 1" = 40' V. 1" = 5'	
Date 02/17/06	
LAYOUT MDR 02/17/06	
DRAWN MDR 02/17/06	
REVIEWED CAH 03/06/06	

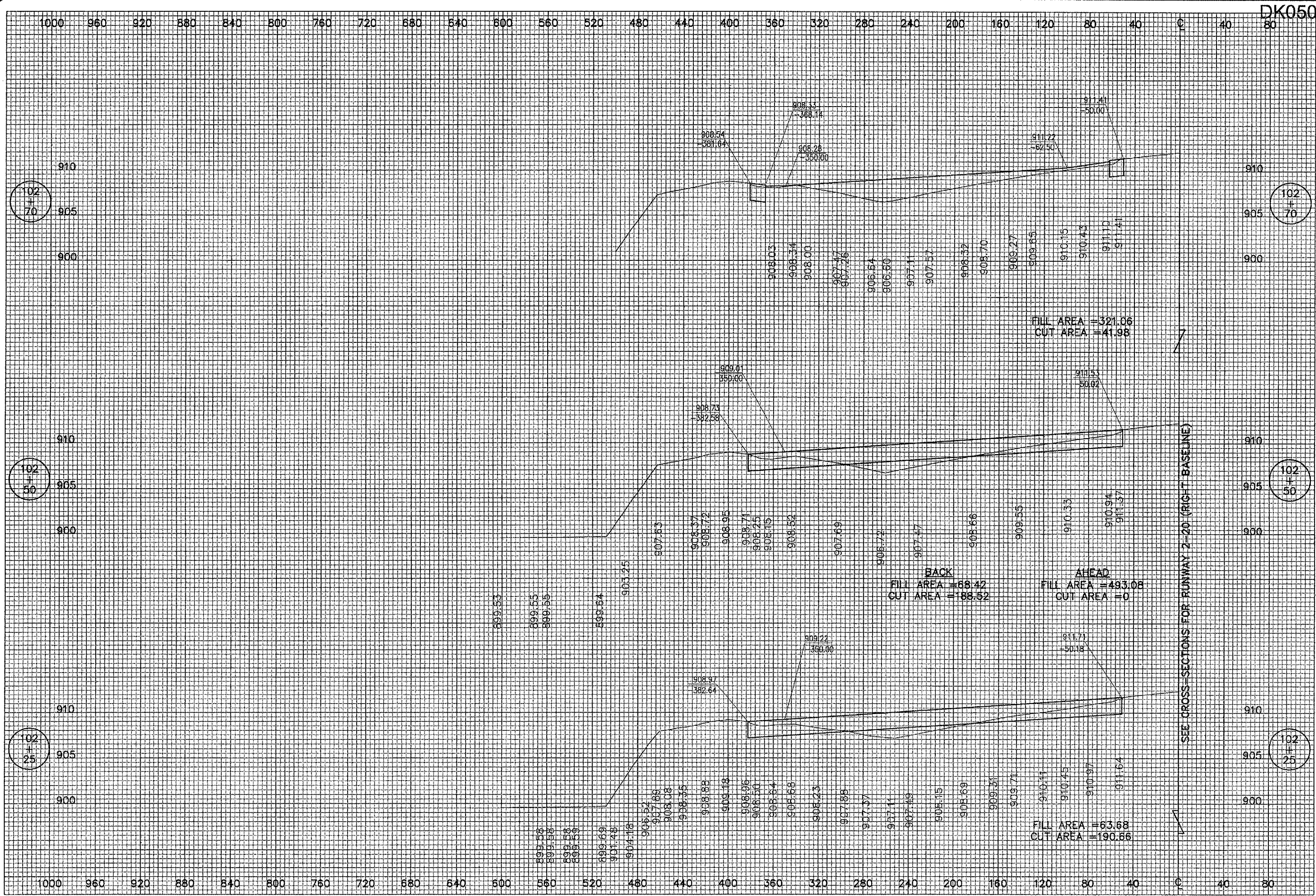


Hanson Professional Services Inc.  
 1225 South Sixth Street  
 Springfield, Illinois 62703-2886  
 Offices Nationwide

REMOVE AND REGRADE  
 RUNWAY END 2  
 PROPOSED CROSS-SECTIONS  
 FOR RUNWAY 2-20 (RIGHT)  
 STA. 101+50 TO STA. 102+00



APR 13 2006 4:48 PM CAH  
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DATE	REVISION	BY

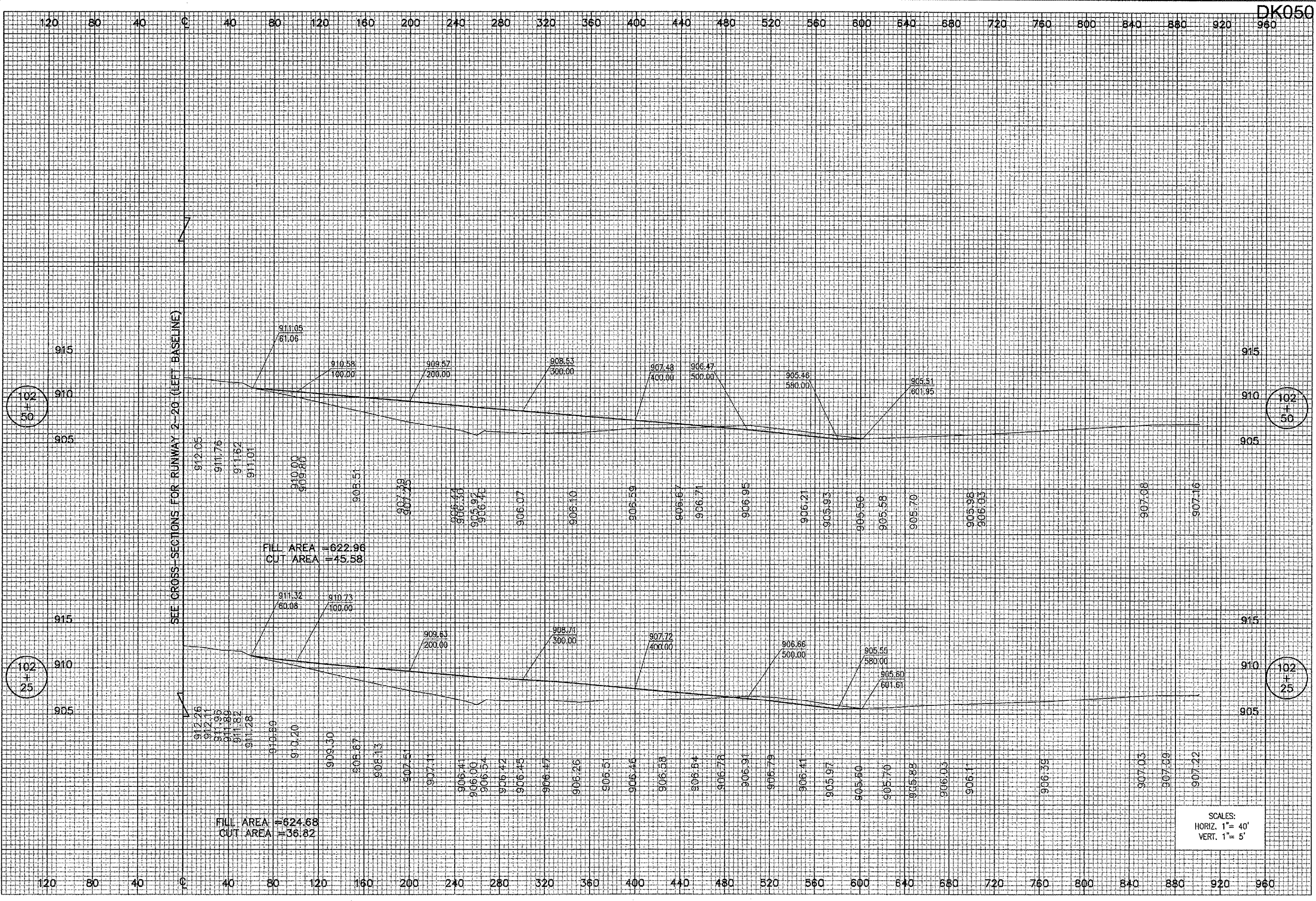
**DIMAX**  
 DEKALB TAYLOR MUNICIPAL AIRPORT  
 I.L. PROJ.: DK8-3448 AIP PROJ.: 3-17-0139-B42

REVIEWED	CAH	03/06/06
LAYOUT	CAH	5/5/04
DRAWN	BAK	5/5/04
DATE	5/5/04	

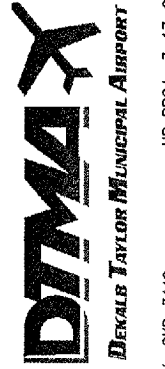
**HANSON**  
 Hanson Professional Services Inc.  
 1625 South 36th Street  
 Springdale, GA 30134-2886  
 Offices Nationwide

REMOVE AND REGRADE  
 RUNWAY END 2  
 PROPOSED CROSS-SECTIONS  
 FOR RUNWAY 2-20 (LEFT)  
 STA. 102+50 TO STA. 102+70





DATE	REVISION	BY



IL PROJ: DK8-3448 AIP PROJ: 3-17-01-39-842

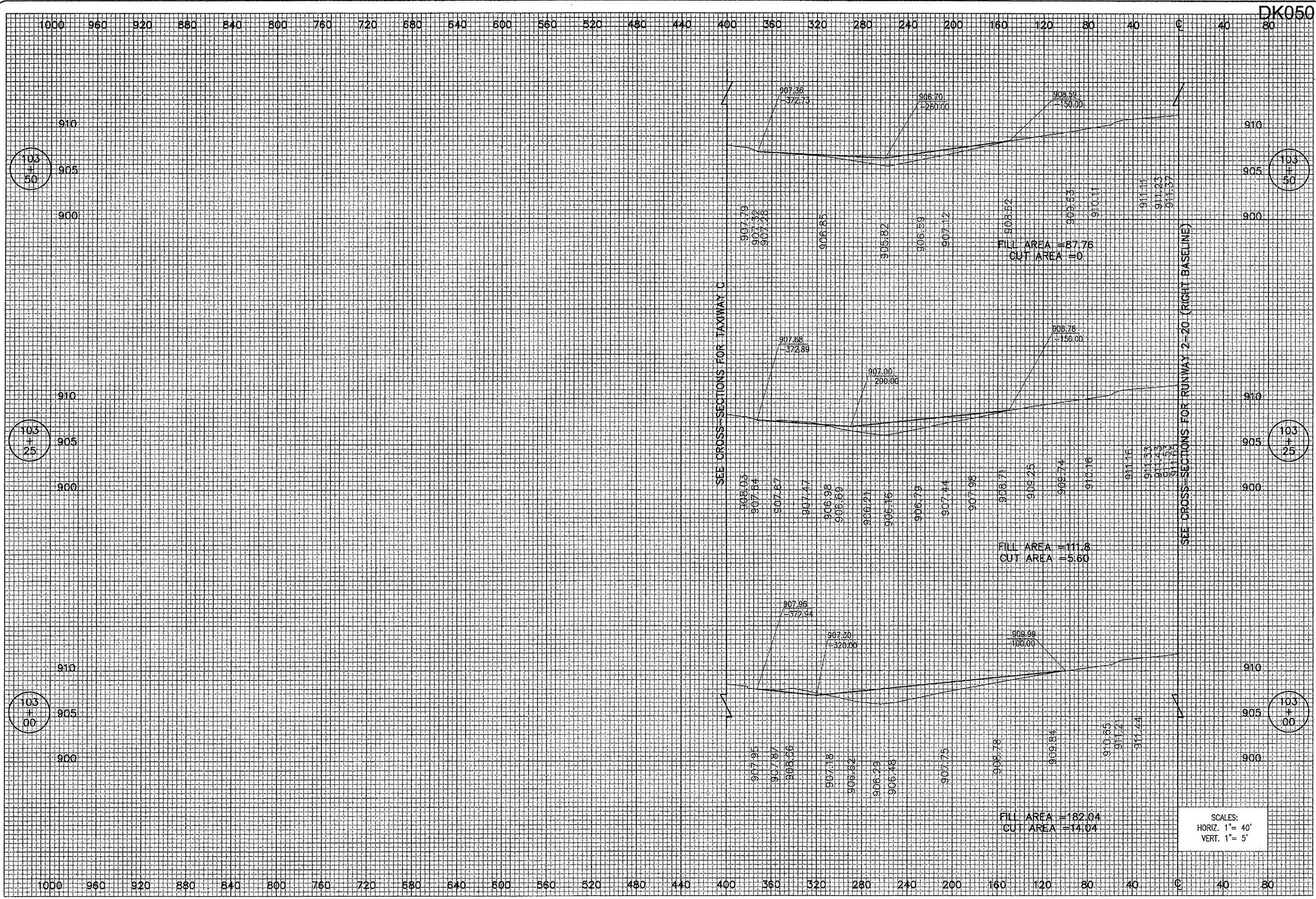
HFS Project No. 80305TYVA0 0800	
Filename R-312XS-GR.DWG	
Scale 1"=40'H 1"=5'V	
Date 08/23/04	
LAYOUT TLW 08/19/04	
DRAWN CCC 08/23/04	
REVIEWED CAH 03/06/06	



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

REMOVE AND REGRADE  
 RUNWAY END 2  
 PROPOSED CROSS-SECTIONS  
 FOR RUNWAY 2-20 (RIGHT)  
 STA. 102+00 TO STA. 102+50



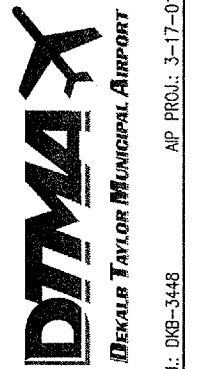


SCALES:  
 HORIZ. 1" = 40'  
 VERT. 1" = 5'

REMOVE AND REGRADE  
 RUNWAY END 2  
 PROPOSED CROSS-SECTIONS  
 FOR RUNWAY 2-20 (LEFT)  
 STA. 103+00 TO STA. 103+25

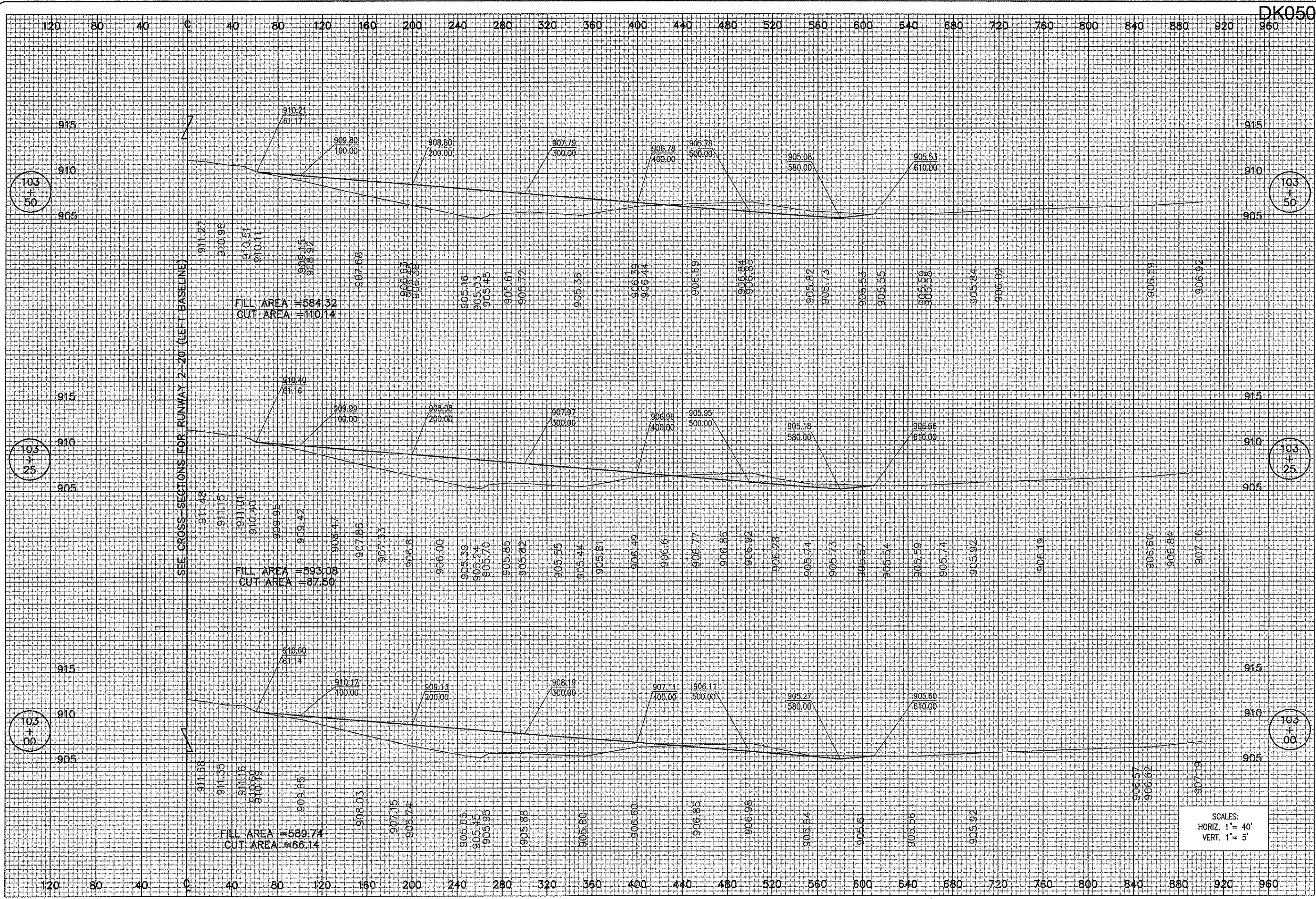


Project No.	80305TXAD_0800
Filename	R-304XS-TXY.DWG
Scale	H = 1" = 20' V = 1" = 2'
Date	5/6/04
LAYOUT	CAH 5/6/04
DRAWN	BAK 5/6/04
REVIEWED	CAH 03/06/06



DATE	REVISION	BY





SCALES:  
 HORIZ. 1" = 40'  
 VERT. 1" = 5'

DATE	REVISION	BY

**DTMAX**  
 DEKALB TAYLOR MUNICIPAL AIRPORT  
 I.L. PROJ.: DK8-3448  
 AIP PROJ.: 3-17-0139-B42

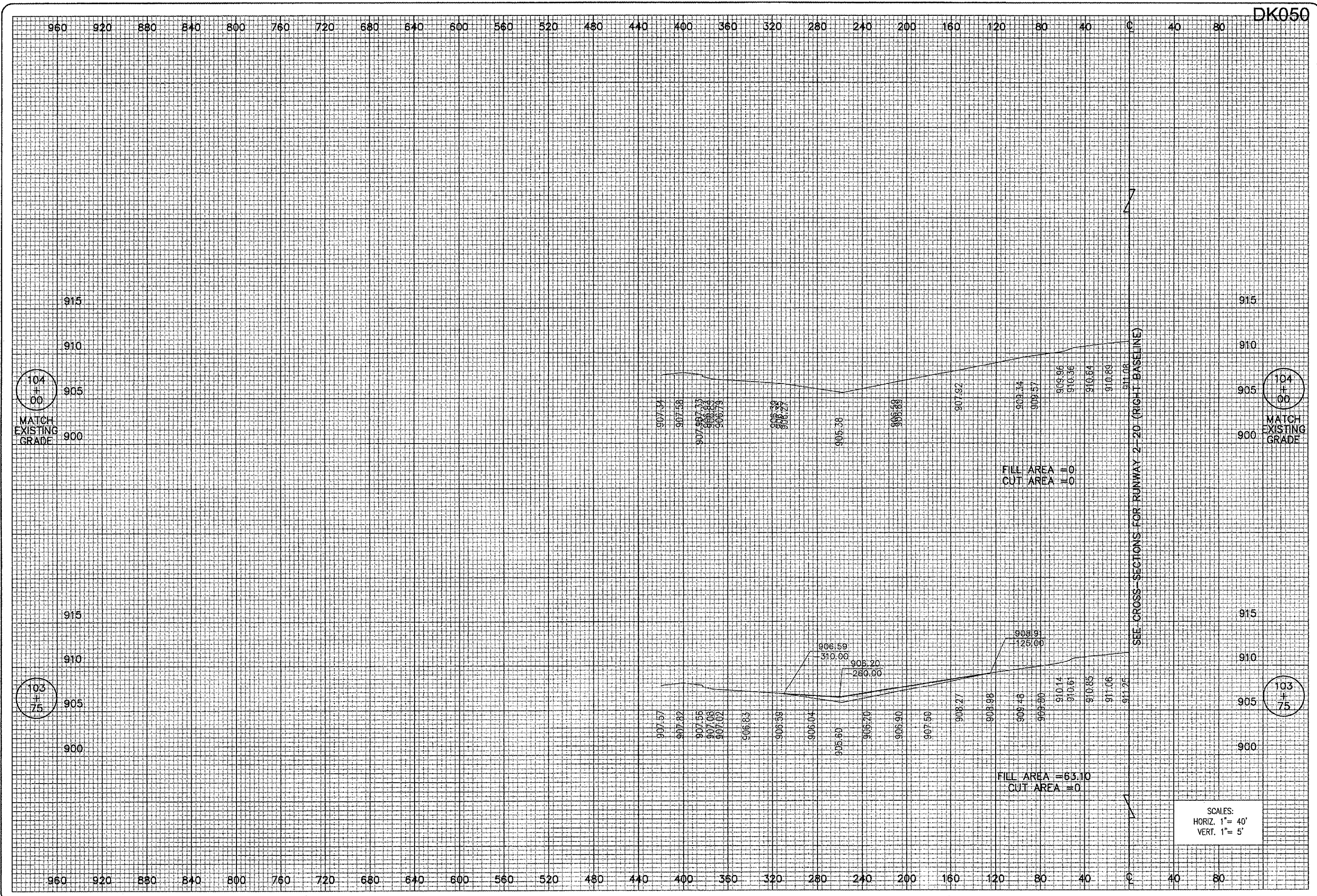
IFPS Project No.	80305TXVAD_0800
Element	R-314XS-CR.DWG
Scale	1"=40'H, 1"=5'V
Date	06/23/04
LAYOUT	TLW 08/19/04
DRAWN	CCC 08/23/04
REVIEWED	CAH 03/06/06

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

REMOVE AND REGRADE  
 RUNWAY END 2  
 PROPOSED CROSS-SECTIONS  
 FOR RUNWAY 2-20 (RIGHT)  
 STA. 103+00 TO STA. 103+50



APR 04, 2006 10:08 AM BAK  
 I:\AIRPORTS\DEKALB\803-05TX\AIRPORT\SHEETS\RWY -2\CROSS SECTIONS\R-305XS-TX.DWG



DK050

DATE	REVISION	BY

**DIMAX**  
**DEKALB TAYLOR MUNICIPAL AIRPORT**

IL PROJ.: DKB-3448 AIP PROJ.: 3-17-0139-B42

#5 Project No. 80305TXAD\_0800  
 Filename: R-305XS-TX.DWG  
 Scale: H=1"=20' V=1"=2'  
 Date: 5/6/04

LAYOUT	CAH	5/6/04
DRAWN	BKH	5/6/04
REVIEWED	CAH	03/06/06

**HANSON**

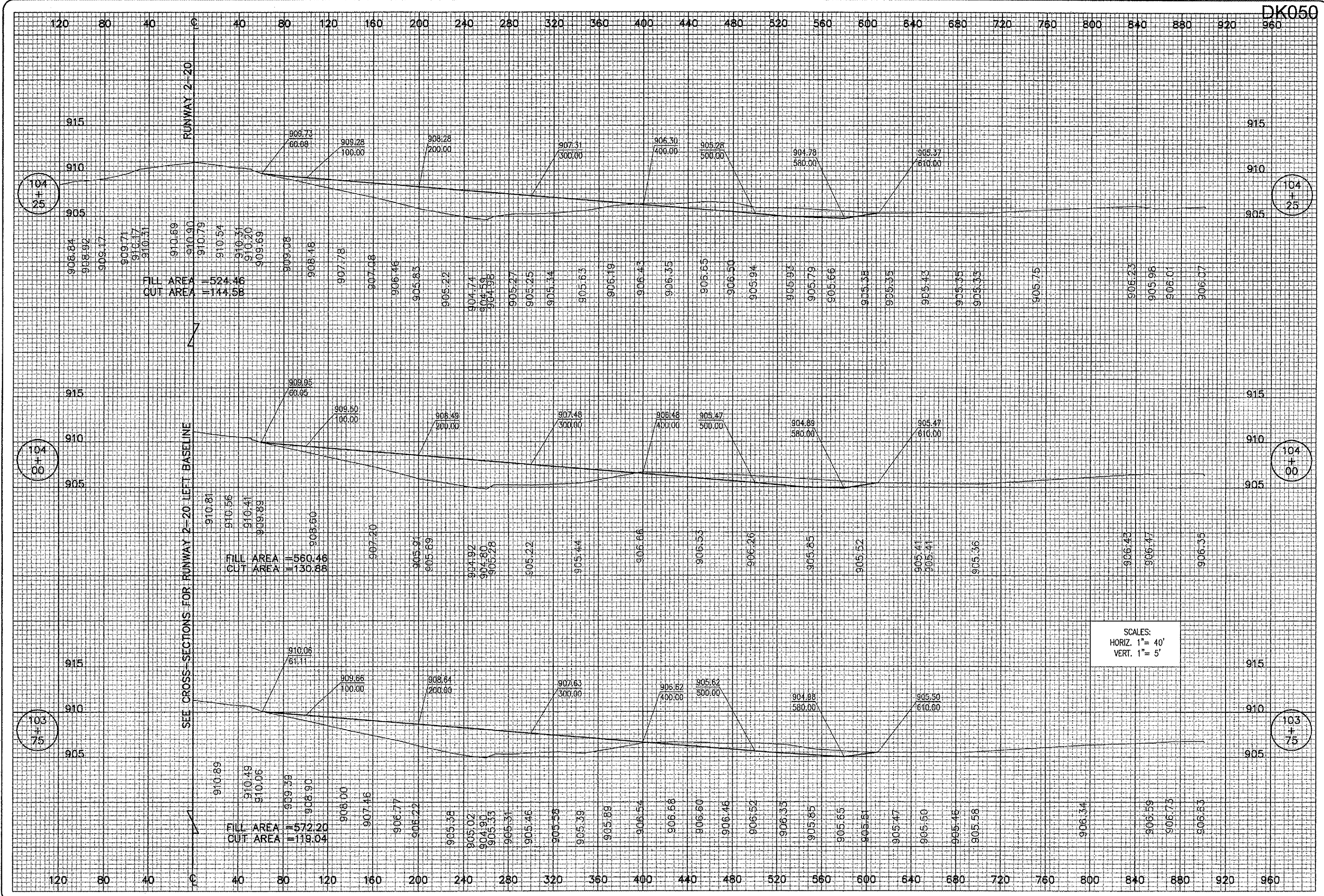
Hanson Professional Services Inc.  
 1825 South Sixth Street  
 Springfield, Illinois 62762-2886  
 Offices Nationwide

**REMOVE AND REGRADE RUNWAY END 2**

**PROPOSED CROSS-SECTIONS FOR RUNWAY 2-20 (LEFT)**

**STA. 103+50 TO STA. 103+75**





SCALES:  
 HORIZ. 1" = 40'  
 VERT. 1" = 5'

DATE	REVISION	BY

**DIMA**  
 DEKALB TAYLOR MUNICIPAL AIRPORT

IL PROJ.: DK8-3448    AP PROJ.: 3-17-0139-842

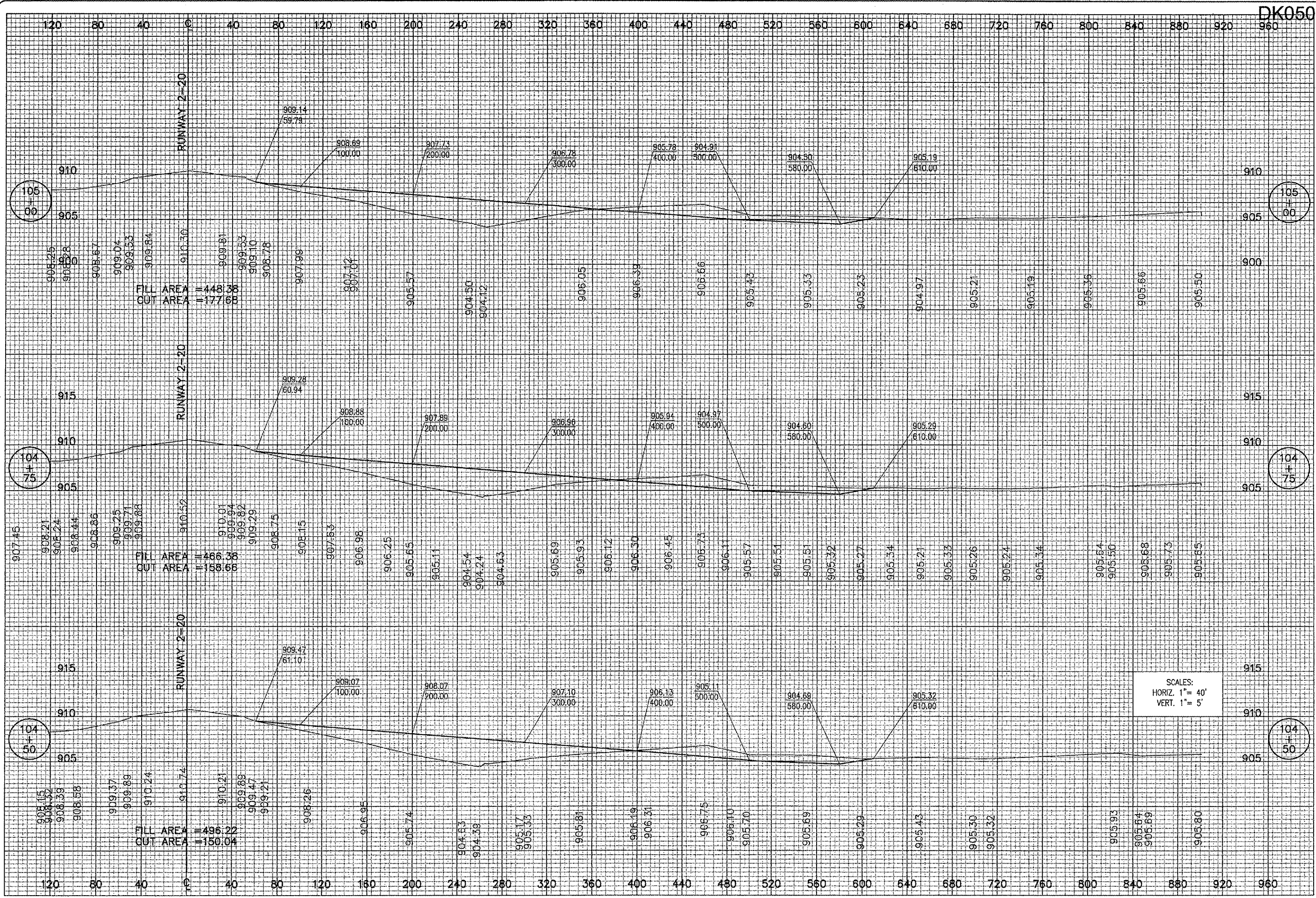
IFB Project No.	80305TXAD_0800
Filename	R-315XS-GR.DWG
Scale	1"=40CH, 1"=5V
Date	08/23/04
LAYOUT	TLW 08/19/04
DRAWN	CCC 08/23/04
REVIEWED	CAH 03/06/06

**HANSON**  
 Hanson Professional Services, Inc.  
 1525 South Sixth Street  
 Springfield, Illinois 62702-2866  
 Offices Nationwide

REMOVE AND REGRADE  
 RUNWAY END 2  
 PROPOSED CROSS-SECTIONS  
 FOR RUNWAY 2-20 (RIGHT)  
 STA. 103+75 TO STA. 104+25



APR 04, 2006 10:16 AM BAK  
 I:\AIRPORTS\DEKALB\803-051X\AIRPORT\SHEETS\RWY -2\CROSS SECTIONS\R-316XS-GR.DWG



SCALES:  
 HORIZ. 1" = 40'  
 VERT. 1" = 5'

DATE	REVISION	BY

**DIMAX**  
 DEKALB TAYLOR MUNICIPAL AIRPORT  
 IL PROJ.: DKB-3448  
 AIR PROJ.: 3-17-0139-B42

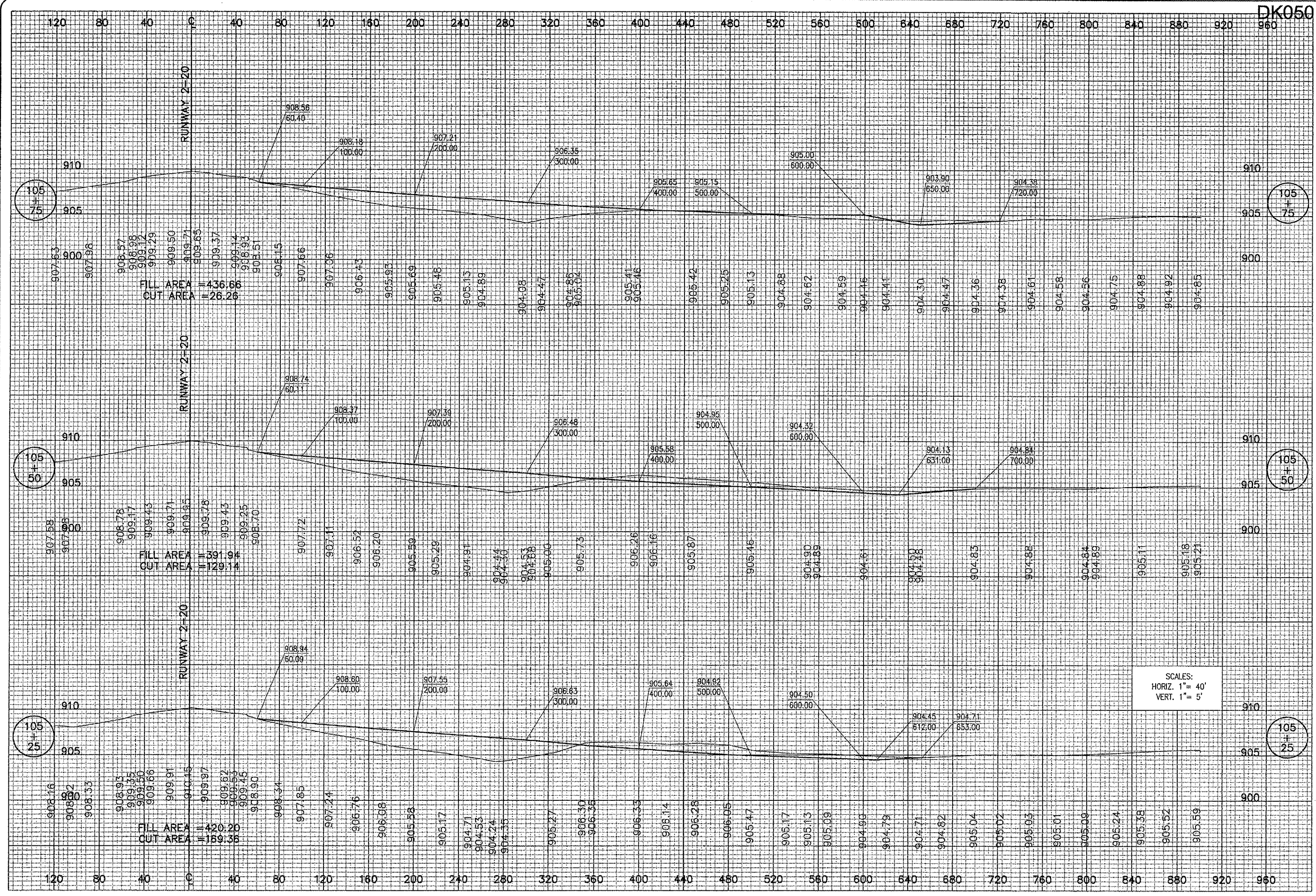
APP. Project No.	803051XAD_0800
Filename	R-316XS-GR.DWG
Scale	1"=40'H, 1"=5'V
Date	08/23/04
LAYOUT	TJW 08/19/04
DRAWN	CCC 08/23/04
REVIEWED	CAH 03/06/06

**HANSON**  
 Hanson Professional Services Inc.  
 225 So. State Street  
 Springfield, Illinois 62703-2886  
 Offices Nationwide

REMOVE AND REGRADE  
 RUNWAY END 2  
 PROPOSED CROSS-SECTIONS  
 FOR RUNWAY 2-20 (RIGHT)  
 STA. 104+50 TO STA. 105+00



DK050



DATE	REVISION	BY



**DEKALB TAYLOR MUNICIPAL AIRPORT**

I.L. PROJ.: DK8-3448 AIP PROJ.: 3-17-0139-842

HPS Project No. 80305TYAD 0800	
Elevation R-317XS-GR.DWG	
Scale	1"=40'H, 1"=5'V
Date	08/23/04
LAYOUT	TLW 08/19/04
DRAWN	CCC 08/23/04
REVIEWED	CAH 03/06/06

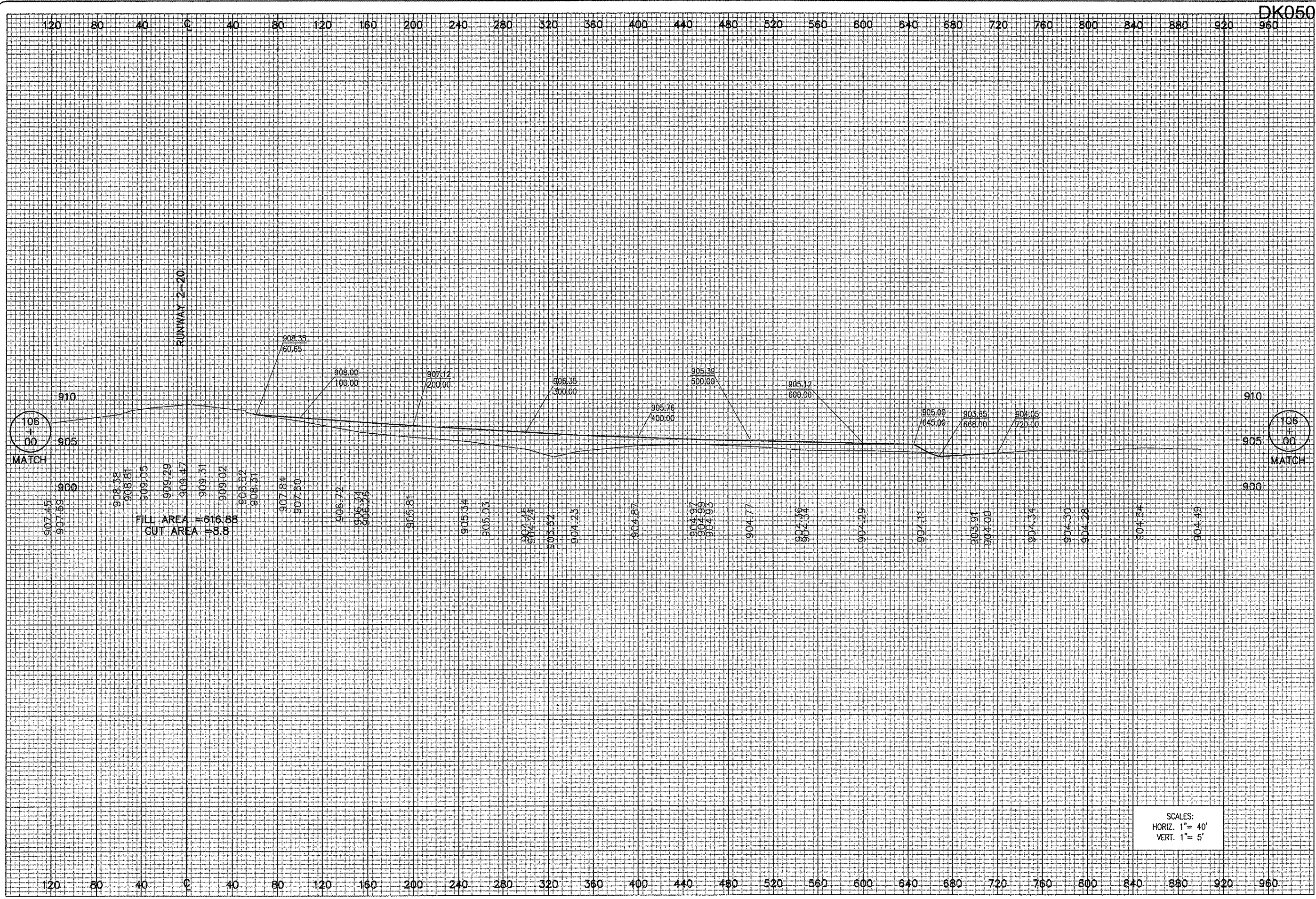


Hanson Professional Services, Inc.  
1525 South Sixth Street  
Springfield, Illinois 62703-2898  
Offices Nationwide

**REMOVE AND REGRADE  
RUNWAY END 2**  
**PROPOSED CROSS-SECTIONS  
FOR RUNWAY 2-20 (RIGHT)**  
STA. 105+25 TO STA. 105+75



APR 04, 2006 10:46 AM BAK  
 I:\AIRPORTS\DEKALB\B03-05TXA\AIRPORT\SHEETS\RWY -2\CROSS SECTIONS\R-31BAS-GR.DWG



SCALES:  
 HORIZ. 1" = 40'  
 VERT. 1" = 5'

DATE	REVISION	BY

**DIMAX**  
 DEKALB TAYLOR MUNICIPAL AIRPORT  
 IL PROJ.: DK8-3448 AIP PROJ.: 3-17-0139-842

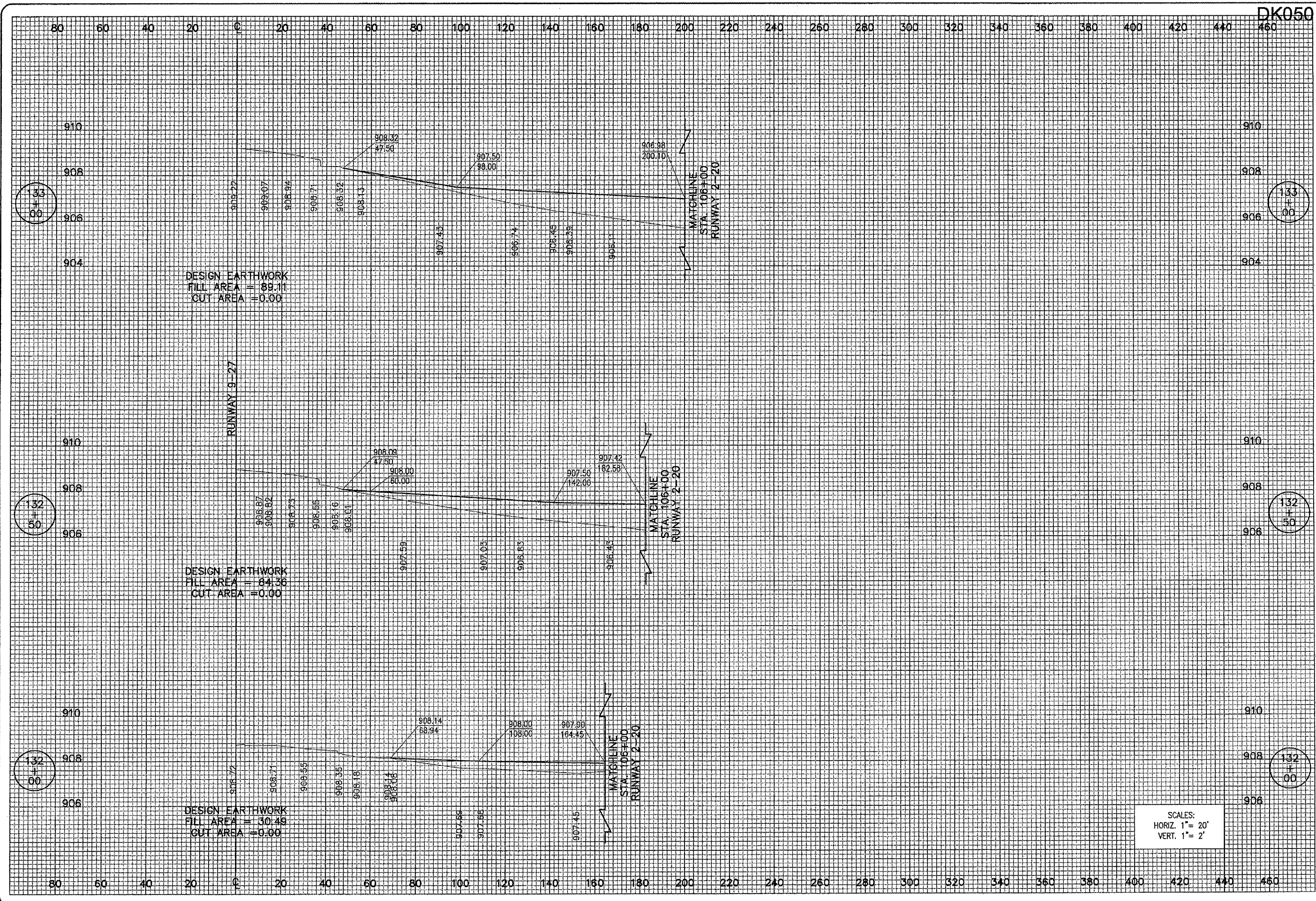
HS Project No. 80305TXAD_0800	Filename R-31BAS-GR.DWG	Date 08/23/04
Scale 1"=40'H, 1"=5'V	LAYOUT TLW 08/19/04	DRAWN COC 08/23/04
	REVIEWED CAH 03/06/06	

**HANSON**  
 Hanson Professional Services Inc.  
 1625 South Sixth Street  
 Springdale, AR 72762  
 Offices Nationwide

REMOVE AND REGRADE  
 RUNWAY END 2  
 PROPOSED CROSS-SECTIONS  
 FOR RUNWAY 2-20 (RIGHT)  
 STA. 106+00 TO STA. 106+50



APR 07, 2006 10:57 AM BAK  
 I:\AIRPORTS\DEKALB\803-05TXA\AIRPORT\SHEETS\RWY -2\CROSS SECTIONS\RWY-313XS-RWY-9-27.DWG



SCALES:  
 HORIZ. 1" = 20'  
 VERT. 1" = 2'

DK050

DATE	REVISION	BY



**DEKALB TAYLOR MUNICIPAL AIRPORT**

IL PROJ.: DKB-3448 AIP PROJ.: 3-17-0139-B42

HIS Project No. 80305TXAD 0800	DATE	5/7/04
Element R-313XS-RWY-9-27.DWG	LAYOUT	CAH 5/7/04
Scale: H=1"=20' V=1"=2'	DRAWN	BAK 5/7/04
Date: 5/7/04	REVIEWED	CAH 03/06/06



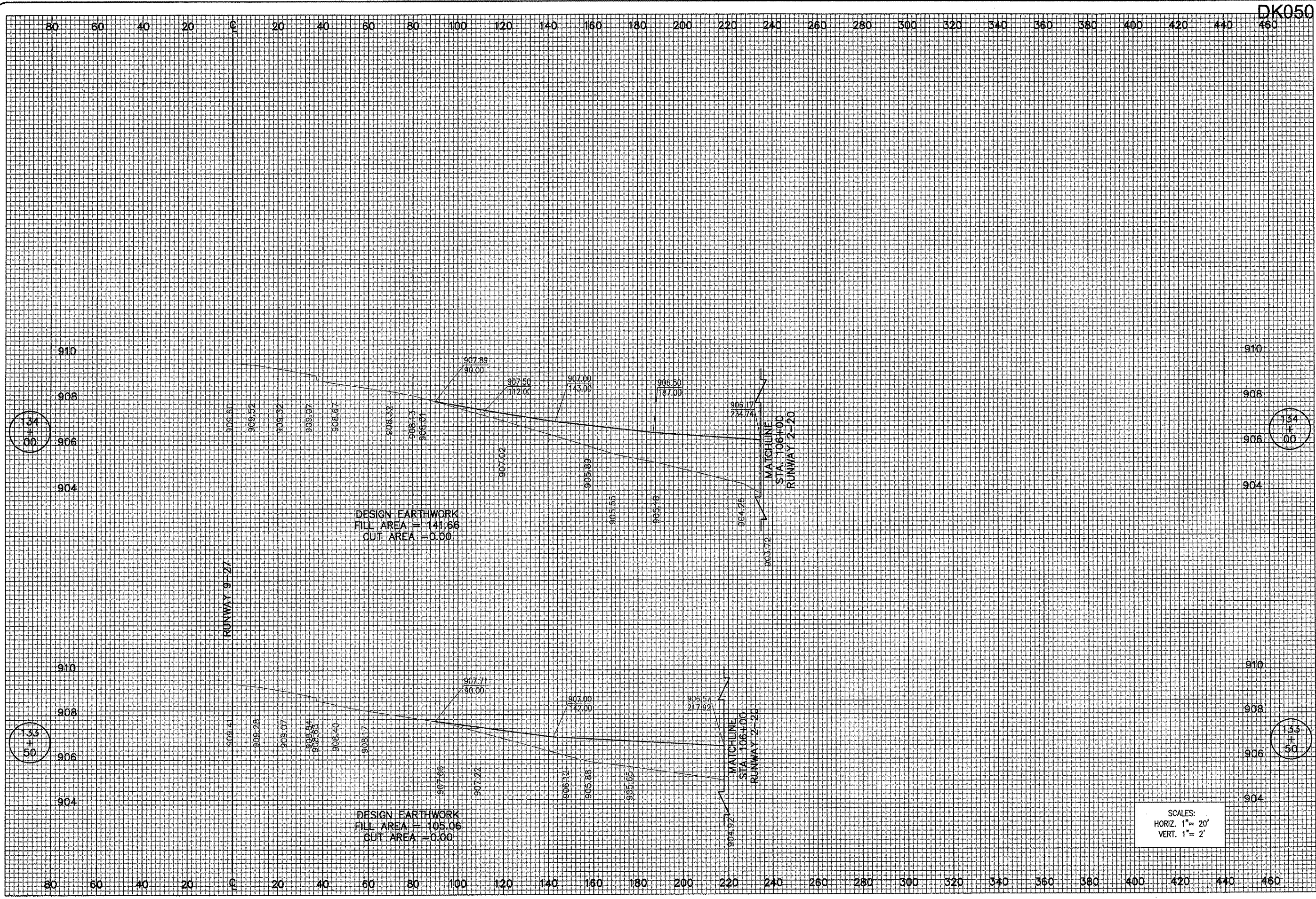
Hanson Professional Services Inc.  
 1125 Spring Hill Road, Suite 62703-2886  
 Springfield, Illinois 62703-2886  
 Offices Nationwide

REMOVE AND REGRADE  
 RUNWAY END 2  
 PROPOSED CROSS-SECTIONS  
 FOR RUNWAY 9-27 RT. OF CL  
 STA. 132+00 TO STA. 133+00



APR 07, 2006 11:04 AM BAK  
 E:\AIRPORTS\DEKALB\803-051\X\AIRPORT\SHEETS\RWY -2\CROSS SECTIONS\R-314XS-RWY-9-27.DWG

DK050



SCALES:  
 HORIZ. 1" = 20'  
 VERT. 1" = 2'

DATE	REVISION	BY



AIP PROJ.: 3-17-0139-BA2  
 I.L. PROJ.: DKB-3448

JES Project No. 803051XAD 0800  
 Filename: R-314XS-RWY-9-27.DWG  
 Scale: H= 1" = 20' V= 1" = 2'  
 Date: 5/7/04

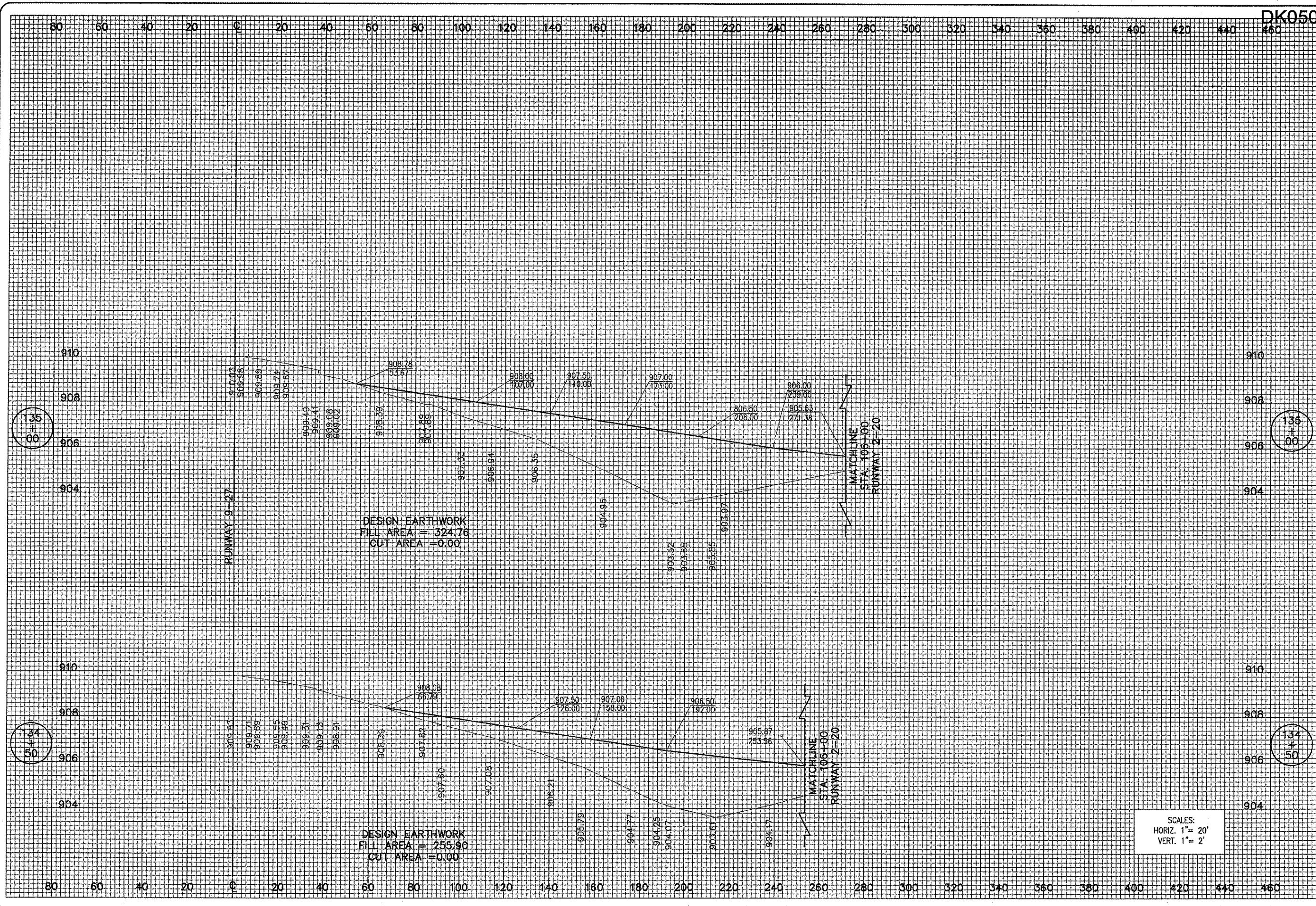
LAYOUT	CAH	5/7/04
DRAWN	BAK	5/7/04
REVIEWED	CAH	03/06/06



Hanson Professional Services Inc.  
 1525 South State Street  
 Springfield, MA 01103-2886  
 Offices Nationwide

REMOVE AND REGRADE  
 RUNWAY END 2  
 PROPOSED CROSS-SECTIONS  
 FOR RUNWAY 9-27 RT. OF CL.  
 STA. 133+50 TO STA. 134+00





DK050

DATE	REVISION



IL PROJ.: DKB-3448 AIP PROJ.: 3-17-0139-B42

IFES Project No. 80305XXAD\_0800  
 Plans: R-315XS-RWY-9-27.DWG  
 Scale: H= 1"= 20' V= 1"= 2'  
 Date: 5/7/04

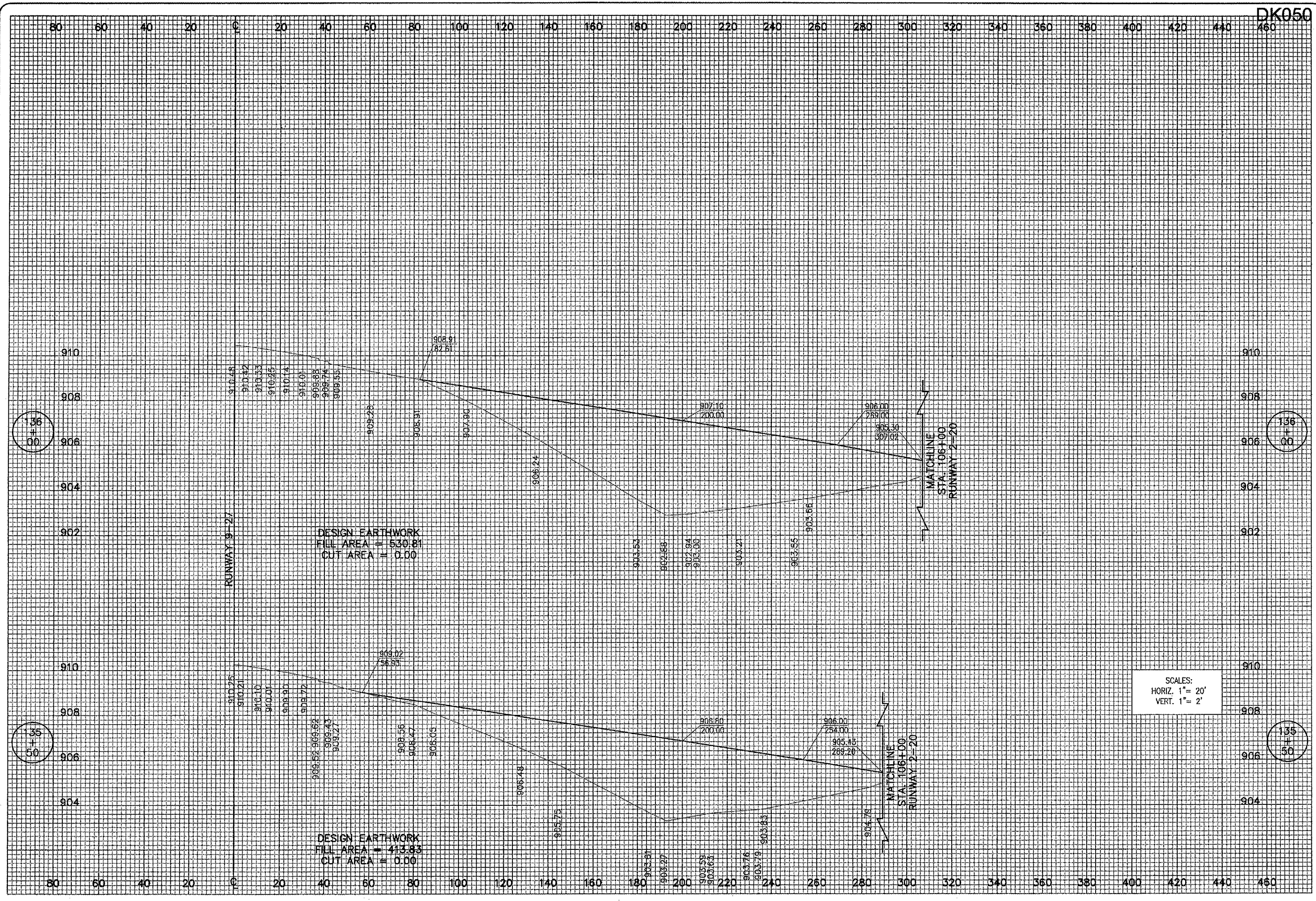
LAYOUT	CAH	5/7/04
DRAWN	BAK	5/7/04
REVIEWED	CAH	03/06/06



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

REMOVE AND REGRADE  
 RUNWAY END 2  
 PROPOSED CROSS-SECTIONS  
 FOR RUNWAY 9-27 RT. OF CL  
 STA. 134+50 TO STA. 135+00





SCALES:  
 HORIZ. 1" = 20'  
 VERT. 1" = 2'

DK050

DATE	REVISION	BY

**DIMAX**  
 DEKALB TAYLOR MUNICIPAL AIRPORT  
 IL PROJ.: 3-17-0139-B42  
 IL PROJ.: DK8-3448

HPS Project No. 80305TXAD 0800  
 File Name R-316XS-RWY-9-27.DWG  
 Scale H= 1"= 20' V= 1"= 2'  
 Date 5/7/04

LAYOUT	CAH	BAK	5/7/04

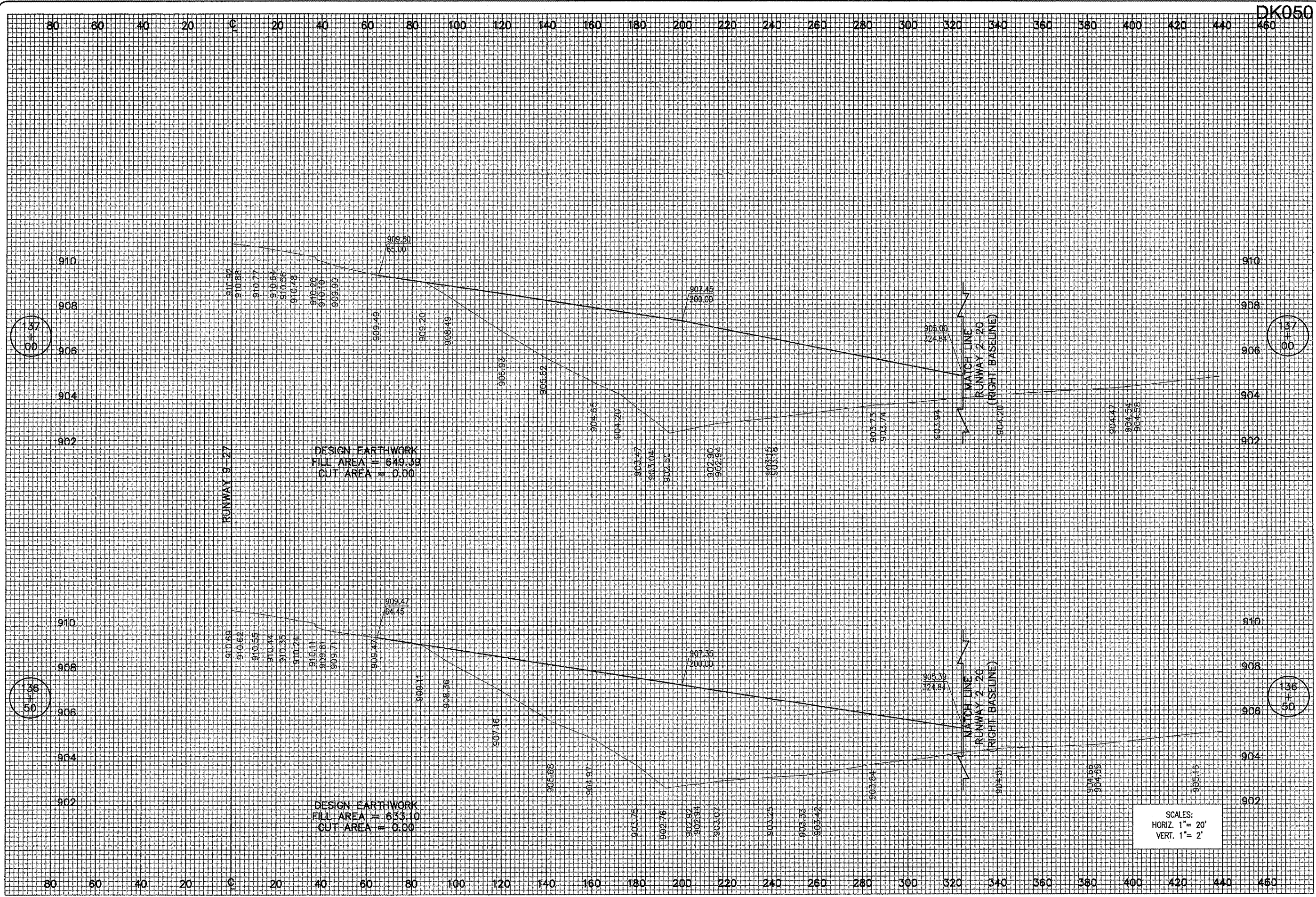
**HANSON**  
 Hanson Professional Services Inc.  
 1525 South Sixth Street  
 Springfield, Illinois 62703-2886  
 Offices Nationwide

REMOVE AND REGRADE  
 RUNWAY END 2  
 PROPOSED CROSS-SECTIONS  
 FOR RUNWAY 9-27 RT. OF CL  
 STA. 135+50 TO STA. 136+00



APR 07, 2006 11:15 AM BAK  
I:\AIRPORTS\DEKALB\803-05TRXA\AIRPORT\SHEETS\RWY -2\CROSS SECTIONS\RWY-317XS-RWY-9-27.DWG

DK050



137  
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137  
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136  
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136  
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DATE	REVISION	BY

**DIMAX**  
DEKALB TAYLOR MUNICIPAL AIRPORT  
IL PROJ.: DK0-3448  
AP PROJ.: 3-17-0139-842

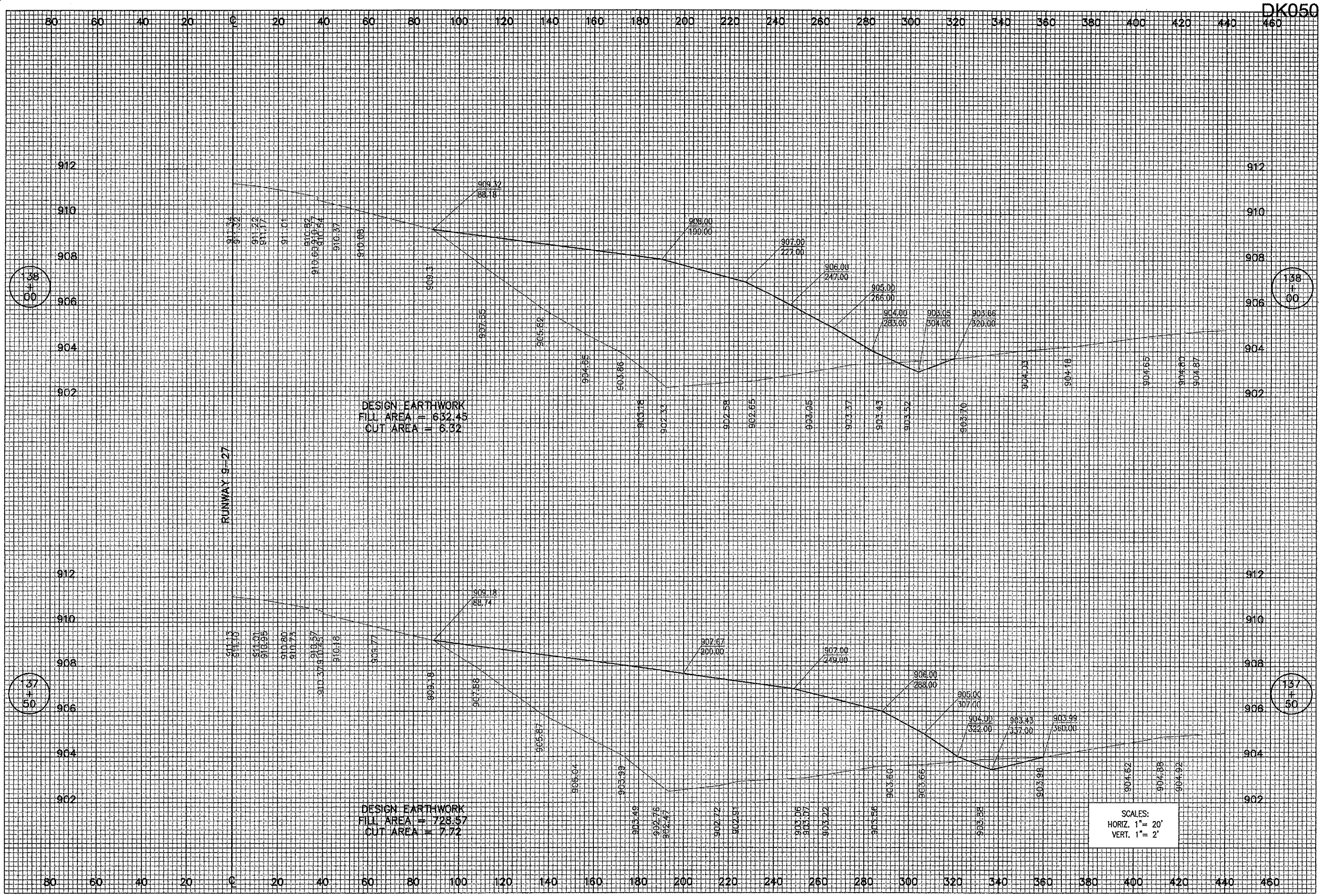
Proj. No. 80305TRXAD\_0800  
Drawing: R-317XS-RWY-9-27.DWG  
Scale: H=1"=20' V=1"=2'  
Date: 5/7/04

LAYOUT	CAH	5/7/04
DRAWN	BK	5/7/04
REVIEWED	CAH	03/06/06

**HANSON**  
Hanson Professional Services Inc.  
1525 South Sixth Street  
Springfield, Illinois 62705-2885  
Offices Nationwide

REMOVE AND REGRADE  
RUNWAY END 2  
PROPOSED CROSS-SECTIONS  
FOR RUNWAY 9-27 RT. OF CL  
STA. 136+50 TO STA. 137+00





DK050

138  
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138  
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137  
+  
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137  
+  
50

DATE	REVISION	BY



MS Project No. 80305TXVA\_0800  
 Drawing: R-31.BXS-RWY-9-27.DWG  
 Scale: H= 1" = 20' V= 1" = 2'  
 Date: 5/7/04

LAYOUT	CAH	5/7/04
DRAWN	BAK	5/7/04
REVIEWED	CAH	03/06/05

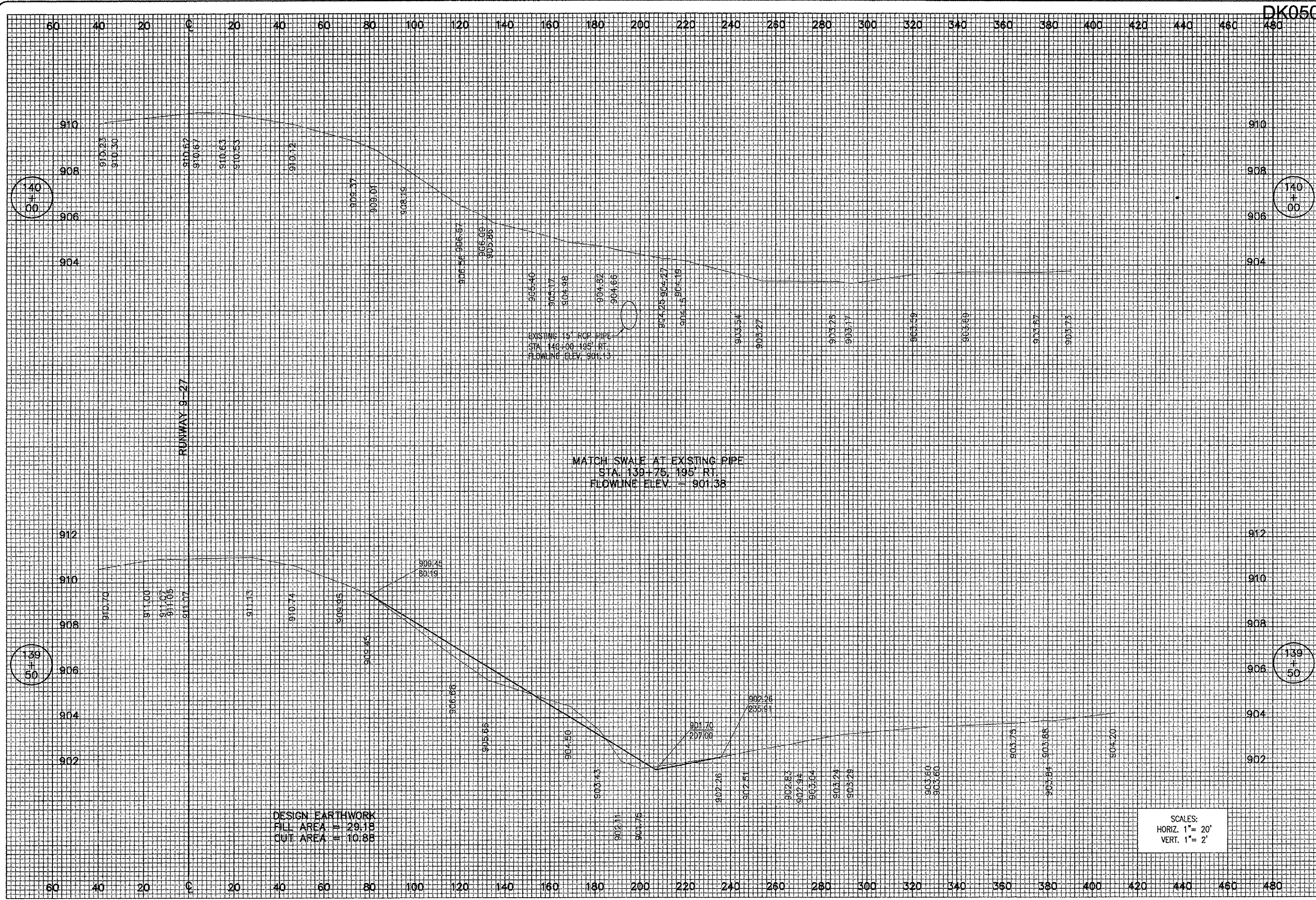


REMOVE AND REGRADE  
 RUNWAY END 2  
 PROPOSED CROSS-SECTIONS  
 FOR RUNWAY 9-27 RT. OF CL  
 STA. 137+50 TO STA. 138+00









DK050

DATE	REVISION	BY



RFS Project No. 8030517XAD_0800	
Element: R-320XS--RWY--9-27.DWG	
Scale: H= 1" = 20' V= 1" = 2'	Date: 5/7/04
LAYOUT	CAH 5/7/04
DRAWN	BK 5/7/04
REVIEWED	CAH 03/05/06



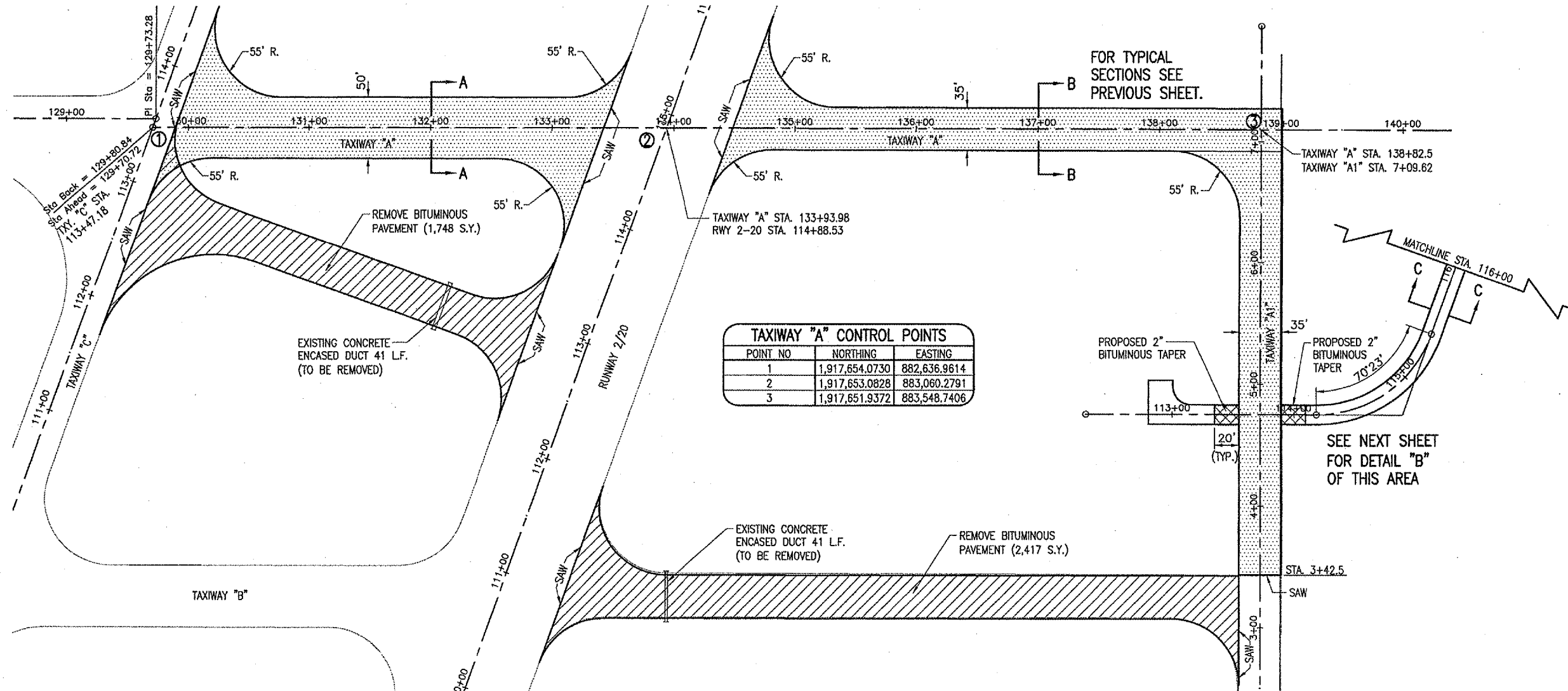
REMOVE AND REGRADE  
 RUNWAY END 2  
 PROPOSED CROSS-SECTIONS  
 FOR RUNWAY 9-27 RT. OF CL  
 STA. 139+50 TO STA. 140+00











TAXIWAY "A" CONTROL POINTS		
POINT NO	NORTHING	EASTING
1	1,917,654.0730	882,636.9614
2	1,917,653.0828	883,060.2791
3	1,917,651.9372	883,548.7406

**REMOVE BITUMINOUS PAVEMENT**

THE AREA DESIGNATED AS [Hatched Box] ON THIS SHEET WILL HAVE THE EXISTING PAVEMENT REMOVED (FULL DEPTH) TO A SUITABLE SUBGRADE. ALL REMOVED BITUMINOUS MATERIAL WILL BE DISPOSED OF OFF THE AIRPORT SITE. THE AGGREGATE BASE WILL BE USED IN FILL AREAS.

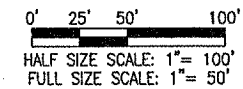
WHERE THE PROPOSED REMOVAL AREA ABUTTS THE EXISTING PAVEMENT, THE PAVEMENT WILL BE SAWED AS SHOWN ON THIS SHEET. THE SAWING WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE PROPOSED PAVEMENT REMOVAL AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

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

THE REMOVAL OF BITUMINOUS PAVEMENT WILL BE PAID FOR UNDER ITEM:  
AR401900 "REMOVE BITUMINOUS PAVEMENT" \_\_\_\_\_ 4,165 SQ. YDS.

**LEGEND**

- [Solid Box] EXISTING PAVEMENT
- [Hatched Box] EXISTING PAVEMENT (TO BE REMOVED)
- [Dotted Box] PROPOSED PAVEMENT
- [Line with Dashes] EXISTING DUCT (TO BE REMOVED)

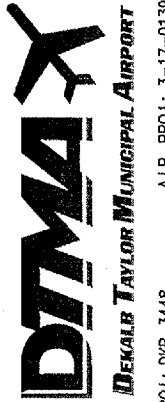


FOR TYPICAL SECTIONS SEE PREVIOUS SHEET.

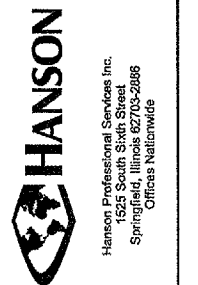
TAXIWAY "A" STA. 138+82.5  
TAXIWAY "A1" STA. 7+09.62

SEE NEXT SHEET FOR DETAIL "B" OF THIS AREA

DATE	REVISION	BY



HE Project No. 803-051XAD_0800	
Planets R-121CON.DWG	
Scale 1" = 50'	
Date 01/18/06	
LAYOUT J.E.O. 01/18/06	
DRAWN B.A.K. 01/18/06	
REVIEWED C.A.H. 02/22/06	



**EXTEND TAXIWAY "A"**  
**PROPOSED CONSTRUCTION PLAN FOR TAXIWAY "A"**  
STA. 129+80.84 TO STA. 139+00

DATE	REVISION

**DTMAX**  
 DEKALB TAYLOR MUNICIPAL AIRPORT  
 I.L. PROJ.: 3-17-0139-B&2  
 I.L. PROJ.: DKB-3448

Project No.	803-051XAD_0800
Filename	R-121CON.DWG
Scale	1" = 50'
Date	01/18/06
LAYOUT	J.E.O. 01/18/06
DRAWN	B.A.K. 01/18/06
REVIEWED	C.A.H. 02/22/06

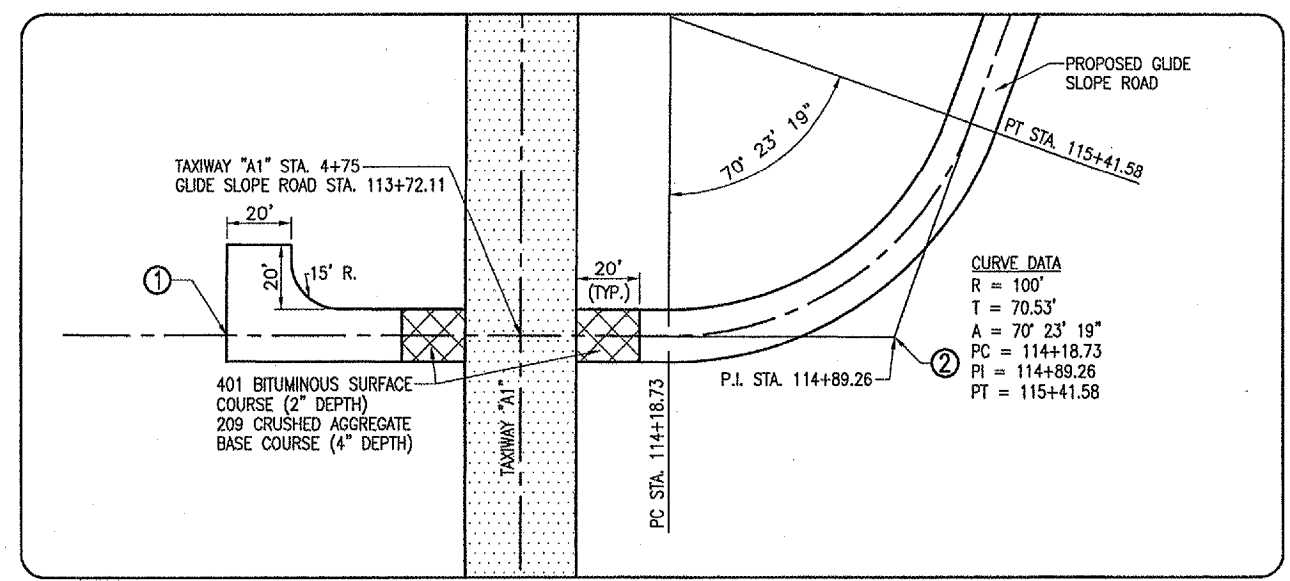
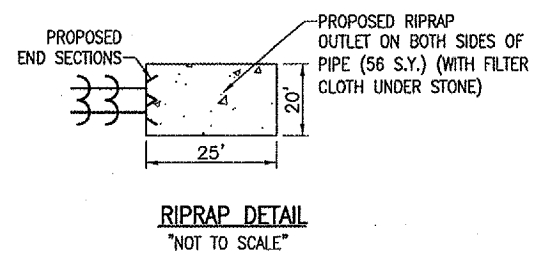
**HANSON**  
 Hanson Professional Services Inc.  
 1525 South Sixth Street  
 Springfield, Illinois 62703-2886  
 Offices Nationwide

**EXTEND TAXIWAY "A"**  
 PROPOSED CONST./DRAINAGE PLAN FOR GLIDE SLOPE ROAD STA. 116+00 TO STA. 125+30.62

- LEGEND**
- EXISTING PAVEMENT
  - PROPOSED PAVEMENT
  - EXISTING SANITARY SEWER
  - EXISTING STORM SEWER
  - EXISTING SANITARY SEWER MANHOLE
  - EXISTING STORM SEWER MANHOLE
  - EXISTING STORM SEWER HEADWALL
  - PROPOSED STORM SEWER
  - PROPOSED END SECTION
  - PROPOSED SWALE

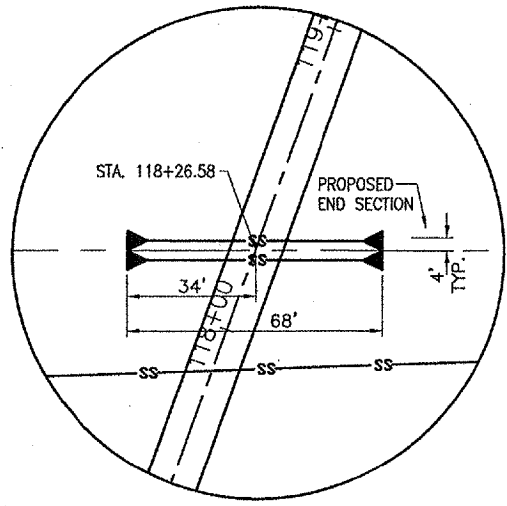
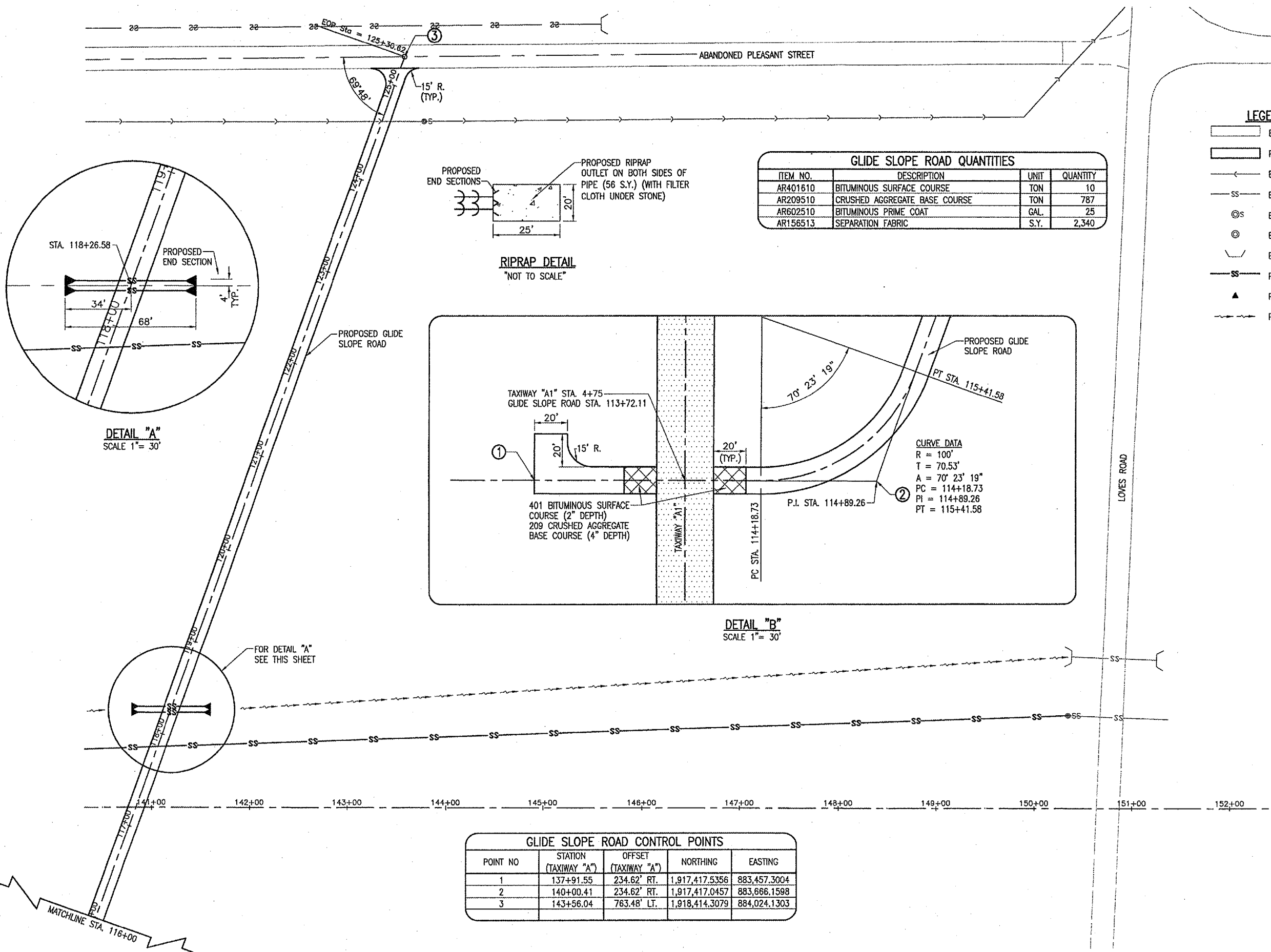
**GLIDE SLOPE ROAD QUANTITIES**

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
AR401610	BITUMINOUS SURFACE COURSE	TON	10
AR209510	CRUSHED AGGREGATE BASE COURSE	TON	787
AR602510	BITUMINOUS PRIME COAT	GAL.	25
AR156513	SEPARATION FABRIC	S.Y.	2,340



**GLIDE SLOPE ROAD CONTROL POINTS**

POINT NO	STATION (TAXIWAY "A")	OFFSET (TAXIWAY "A")	NORTHING	EASTING
1	137+91.55	234.62' RT.	1,917,417.5356	883,457.3004
2	140+00.41	234.62' RT.	1,917,417.0457	883,666.1598
3	143+56.04	763.48' LT.	1,918,414.3079	884,024.1303



APR 13, 2006 8:33 AM CAH  
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**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 WILL FURNISH HYDROMULCH AS THE TYPE OF MULCH MATERIAL TO BE USED ON THIS PROJECT.

908-3.1 THE HYDROMULCH 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 \_\_\_\_\_ 15.2 ACRES

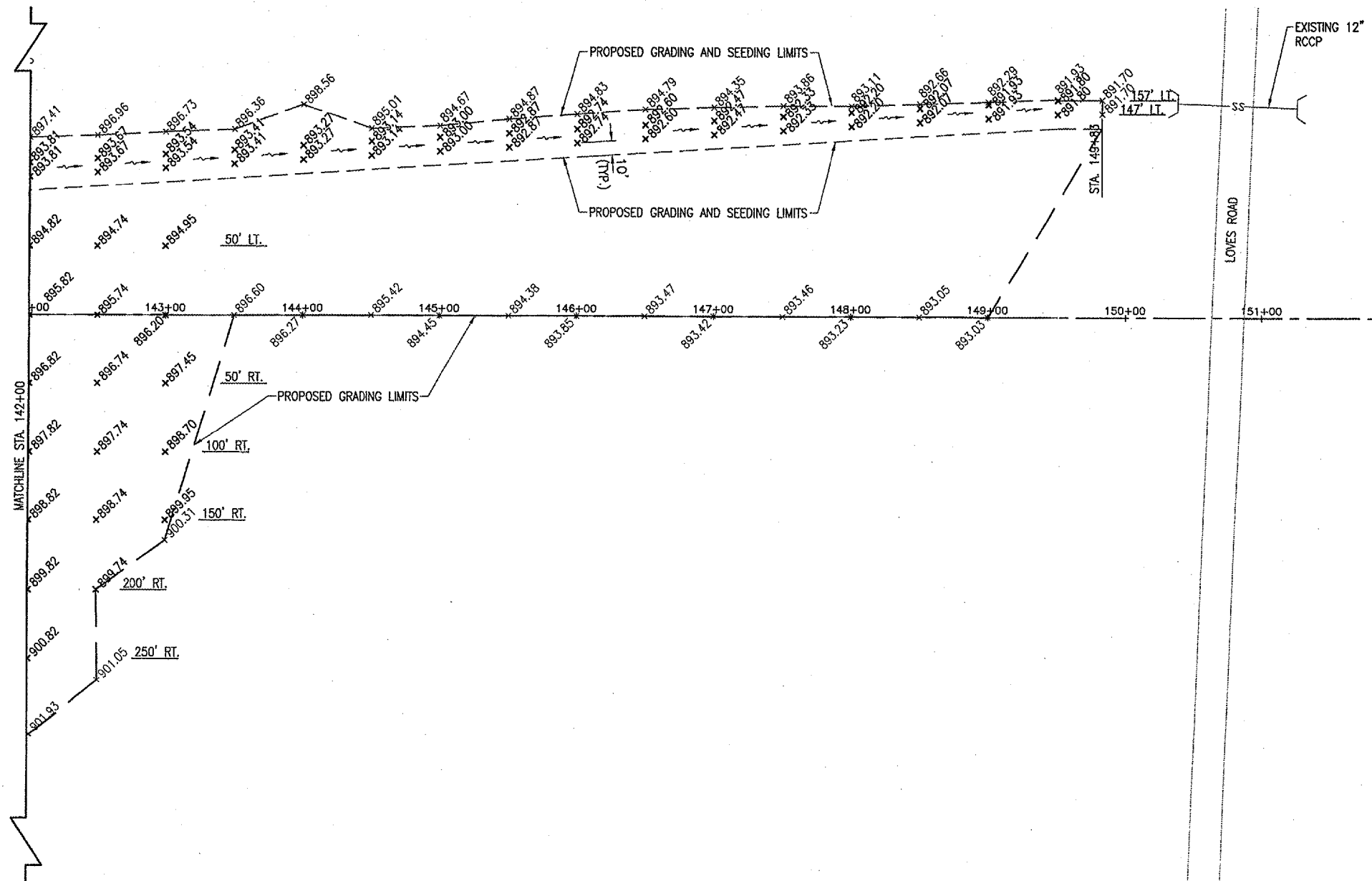
**901 SEEDING NOTES**

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

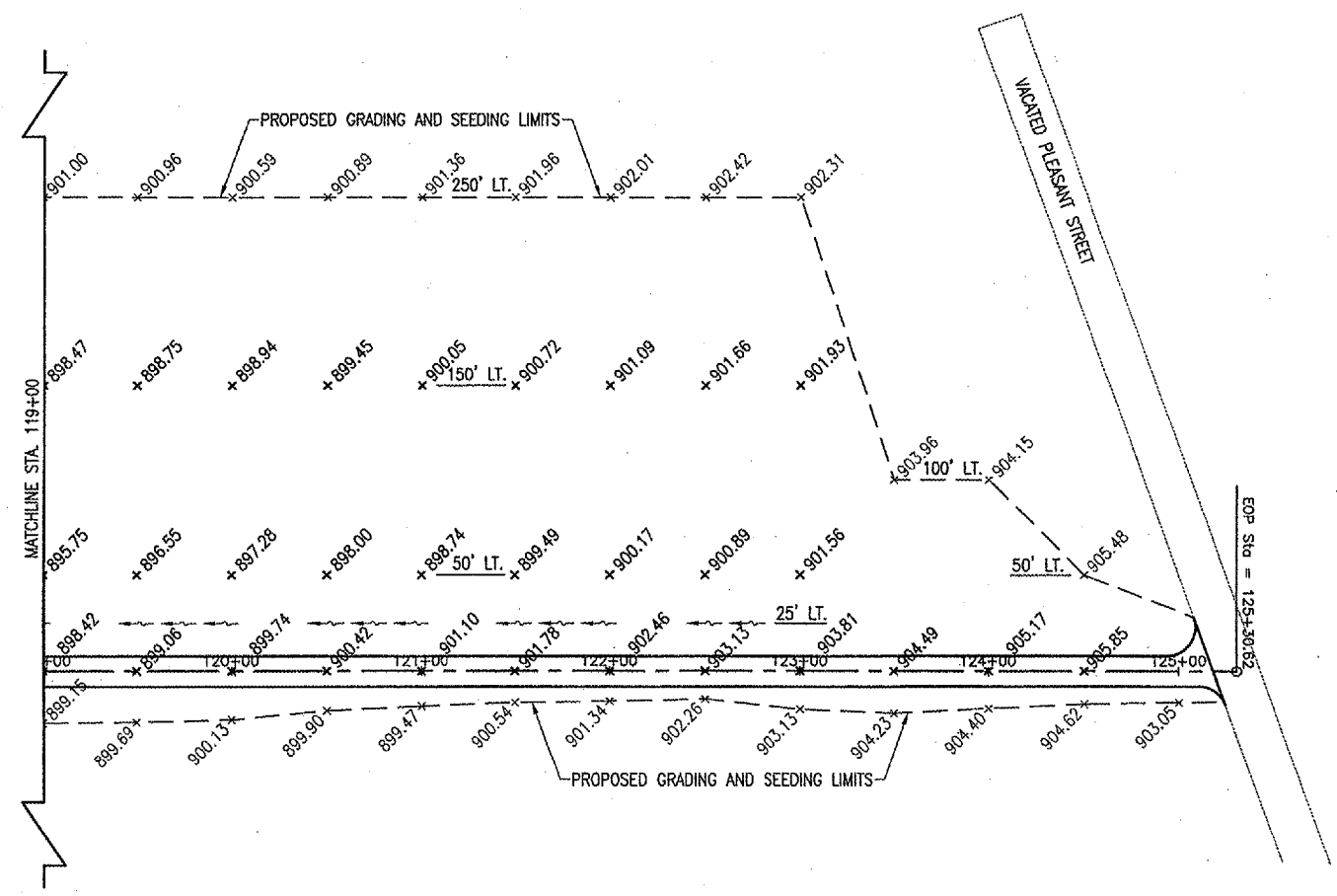
THE PROPOSED SEEDING WILL BE PAID FOR UNDER ITEM:  
AR901510 SEEDING \_\_\_\_\_ 15.6 ACRES





SEEDING AND MULCHING QUANTITIES THIS SHEET			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
AR901510	SEEDING	ACRE	2.81
AR908510	MULCHING	ACRE	2.81

**NOTE:**  
FOR GLIDE SLOPE ROAD GRADES FROM STA. 112+80.4 TO STA. 118+65 SEE PROPOSED PLAN AND PROFILE SHEET.



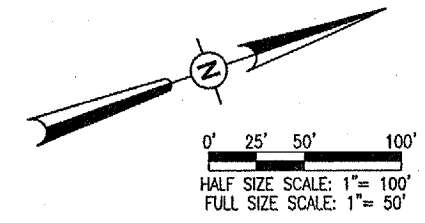
**ON-SITE BORROW NOTES:**  
THE CITY OF DEKALB HAS STOCKPILED EARTH MATERIAL (CLAY & TOPSOIL) ON ABANDONED PLEASANT STREET AND THIS WILL BE CONSIDERED THE ON-SITE BORROW FOR THE "EXTEND TAXIWAY A" PORTION OF THIS PROJECT. IF THE MATERIAL IS UNLIKE SIMILAR SOILS IN THE AREA, THE CONTRACTOR WILL PROVIDE AN EARTH PROCTOR FOR THIS MATERIAL FOR COMPACTION TESTING PURPOSES. THE CONTRACTOR WILL REMOVE ALL THIS MATERIAL FROM THE ABANDONED PLEASANT STREET PAVEMENT AND PLACE IN ACCORDANCE TO AR152 SPECIFICATIONS.  
  
THE PROPOSED ON-SITE BORROW WILL BE PAID FOR UNDER ITEM:  
AR152441 ON-SITE BORROW \_\_\_\_\_ 2,976 C.Y.

APR 13, 2006 8:35 AM CAH I:\AIRPORTS\DEKALB\903-05TXAD\SHEETS\TWT-A EXT\R-191STK.DWG - STA. 119+00 TO STA. 125+30.62

**LEGEND**

	EXISTING PAVEMENT
	PROPOSED PAVEMENT
	PROPOSED GRADING AND SEEDING LIMITS
	PROPOSED SWALE
+ 905.60	EXISTING GRADE
+ 905.75	PROPOSED GRADE

**TOPSOIL AND UNDERCUT NOTE**  
THIS SECTION OF THE PROJECT WILL REQUIRE THE STOCKPIILING AND INSTALLATION OF 4 INCHES OF TOPSOIL MATERIAL. NO ADDITIONAL PAYMENT WILL BE MADE FOR THE "DOUBLE HANDLING" OF THE TOPSOIL. HOWEVER, THE AREA OF UNDERCUT WAS CALCULATED BASED ON THE AREAS WHERE THE DEPTH OF CUT EXCEEDED SIX INCHES (6"). THIS AREA OF UNDERCUT WAS MULTIPLIED BY FOUR INCHES (4") TO ARRIVE AT A VOLUME OF 6,606 C.Y.



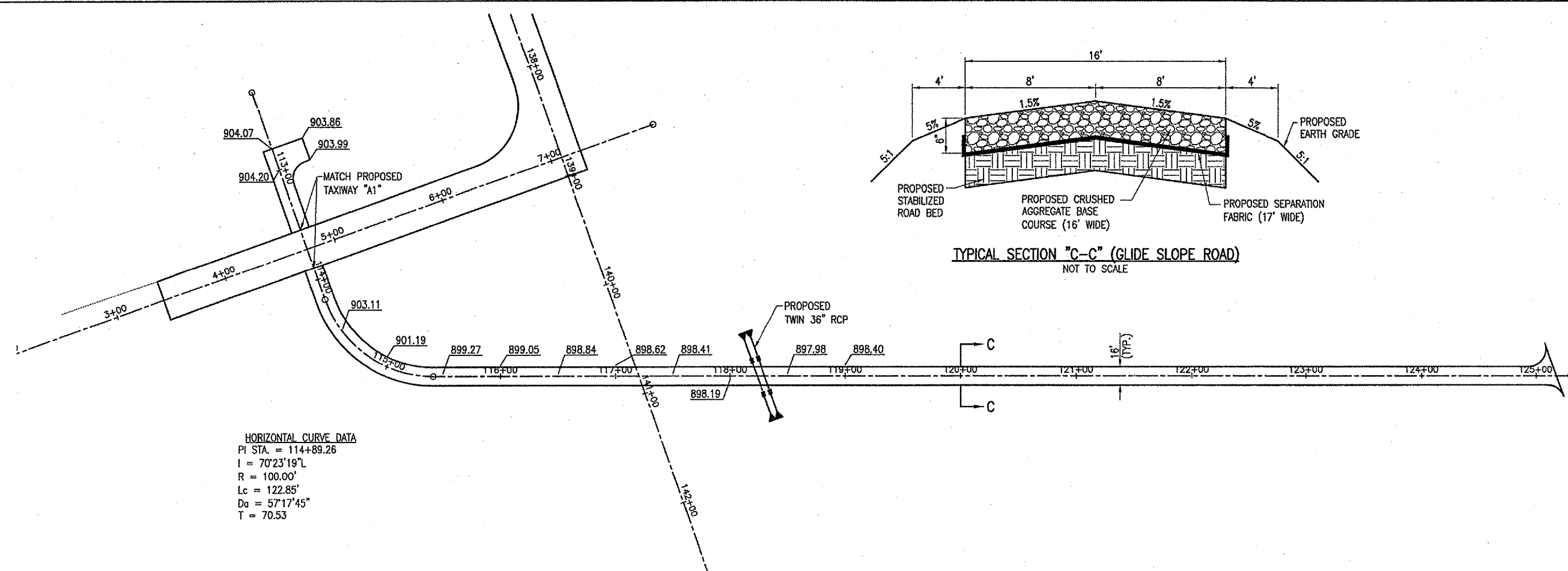
REVISION	DATE	BY

**DITMA**  
DEKALB TAYLOR MUNICIPAL AIRPORT  
A.I.P. PROJ.: 3-17-0139-B42  
IL PROJ.: DKB-3448

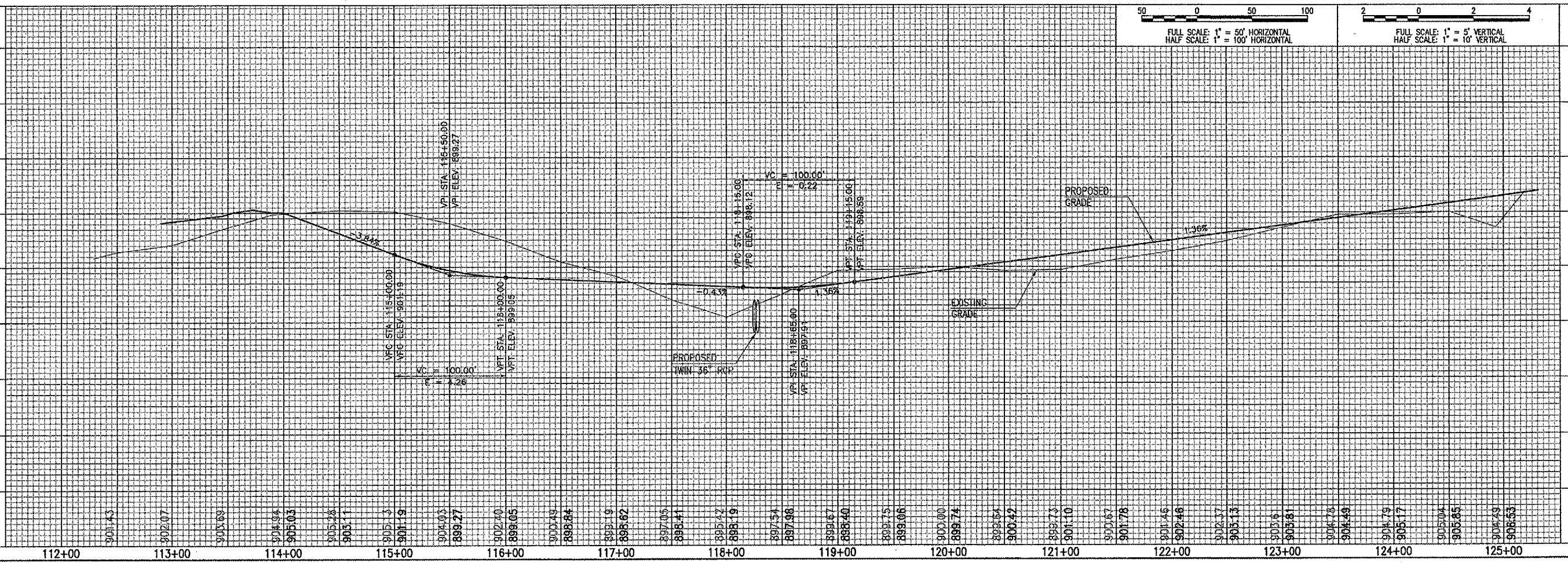
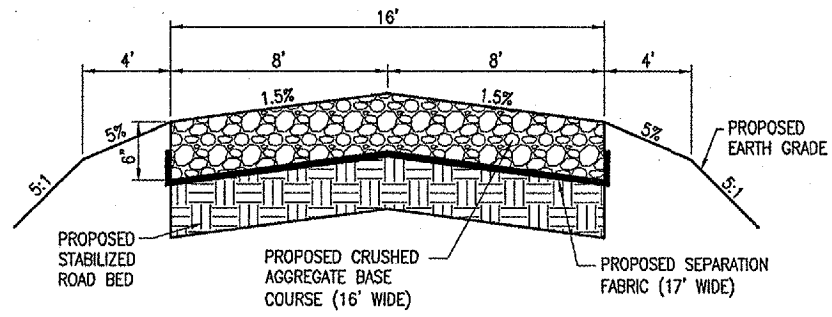
Project No. 903-05TXAD_0800	01/18/06
Drawings R-191STK.DWG	01/18/06
Scale 1" = 50'	01/18/06
Date 01/18/06	03/16/06
LAYOUT J.E.O.	01/18/06
DRAWN B.A.K.	01/18/06
REVIEWED C.A.H.	03/16/06

**HANSON**  
Hanson Professional Services Inc.  
Springfield, Illinois 62703-2886  
Offices Nationwide

EXTEND TAXIWAY "A"  
PROPOSED STAKING PLAN  
FOR GLIDE SLOPE ROAD  
STA. 119+00 TO STA. 125+30.62



HORIZONTAL CURVE DATA  
 PI STA = 114+89.26  
 I = 70°23'19" L  
 R = 100.00'  
 Lc = 122.85'  
 Da = 57°17'45"  
 T = 70.53



50 0 50 100  
 FULL SCALE: 1" = 50' HORIZONTAL  
 HALF SCALE: 1" = 100' HORIZONTAL

2 0 2 4  
 FULL SCALE: 1" = 5' VERTICAL  
 HALF SCALE: 1" = 10' VERTICAL

APR 13, 2006 8:36 AM CAH  
 I:\AIRPORTS\DEKALB\803-05TX\AIRPORT\SHEETS\R-703PNP.DWG - 703PNP

DATE	REVISION	BY

**DIMA**  
 DEKALB TAYLOR MUNICIPAL AIRPORT  
 A.I.P. PROJ.: 3-17-0139-842  
 I.L. PROJ.: DKB-3448

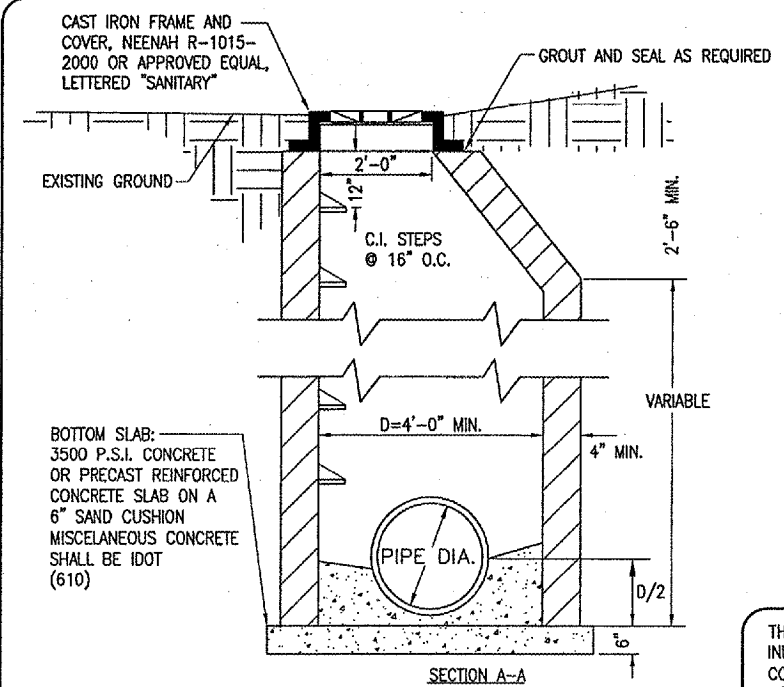
FILE: D:\proj\803-05TX\AD\_0800...  
 PLAN: R-703PNP.DWG  
 SCALE: H. 1"=50' V. 1"=5'  
 DATE: 03/15/06

LAYOUT	KCM	03/15/06
DRAWN	KCM	03/15/06
REVIEWED	CAH	03/18/06

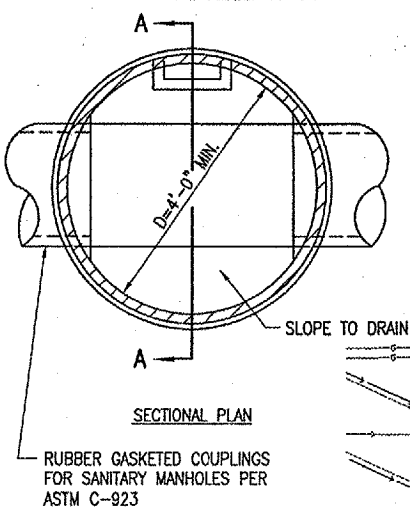
**HANSON**  
 Hanson Professional Services Inc.  
 1625 South Shosh Street  
 Springdale, NC 28388  
 Offices Nationwide

EXTEND TAXIWAY "A"  
 PROPOSED PLAN & PROFILE  
 FOR GLIDE SLOPE ROAD  
 STA. 112+80.40 TO STA. 125+30.62





SECTION A-A  
SANITARY MANHOLE DETAIL  
TYPE A  
"NOT TO SCALE"



SECTIONAL PLAN

THE LOCATION, SIZE AND TYPE 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.

SUMMARY OF SANITARY QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
AR770704	SANITARY MANHOLE, 4'	EACH	1
AR770516	16" DUCTILE IRON SANITARY SEWER	L.F.	410
AR770905	REMOVE SANITARY MANHOLE	EACH	1
AR770945	ADJUST SANITARY MANHOLE	EACH	1

**NOTES:**  
 THE PROPOSED SANITARY SEWER LINE WILL BE PLACED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, THE DEKALB SANITARY DISTRICT "STANDARD NOTES AND DETAILS", AND UNDER THE GUIDELINES OF THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY'S TITLE 35: SUBTITLE C: CHAPTER II: PART 370 - ILLINOIS RECOMMENDED STANDARDS FOR SEWAGE WORKS, IN CONJUNCTION WITH THE CONSTRUCTION PLANS AND SPECIAL PROVISIONS.

THE LOCATIONS OF UTILITIES AS SHOWN ON THIS SHEET ARE APPROXIMATE AND ARE INTENDED FOR INFORMATIONAL PURPOSES ONLY. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN THE EXACT LOCATIONS OF ANY AND ALL UTILITIES. ANY DAMAGE TO AN EXISTING UTILITY WILL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S OWN EXPENSE.

THE PROPOSED SANITARY SEWER LINE WILL BE PLACED ON THE LINE AND GRADE SHOWN.

THE CONTRACTOR WILL PLACE 16" DUCTILE-IRON SANITARY SEWER PIPE INSIDE THE EXISTING SANITARY MANHOLE AT THE PROPOSED FLOWLINE, IN A NEAT WORKMANLIKE MANNER ACCEPTABLE TO THE RESIDENT ENGINEER. THIS WORK WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE INSTALLATION OF THE PROPOSED 16" DUCTILE-IRON SANITARY SEWER PIPE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

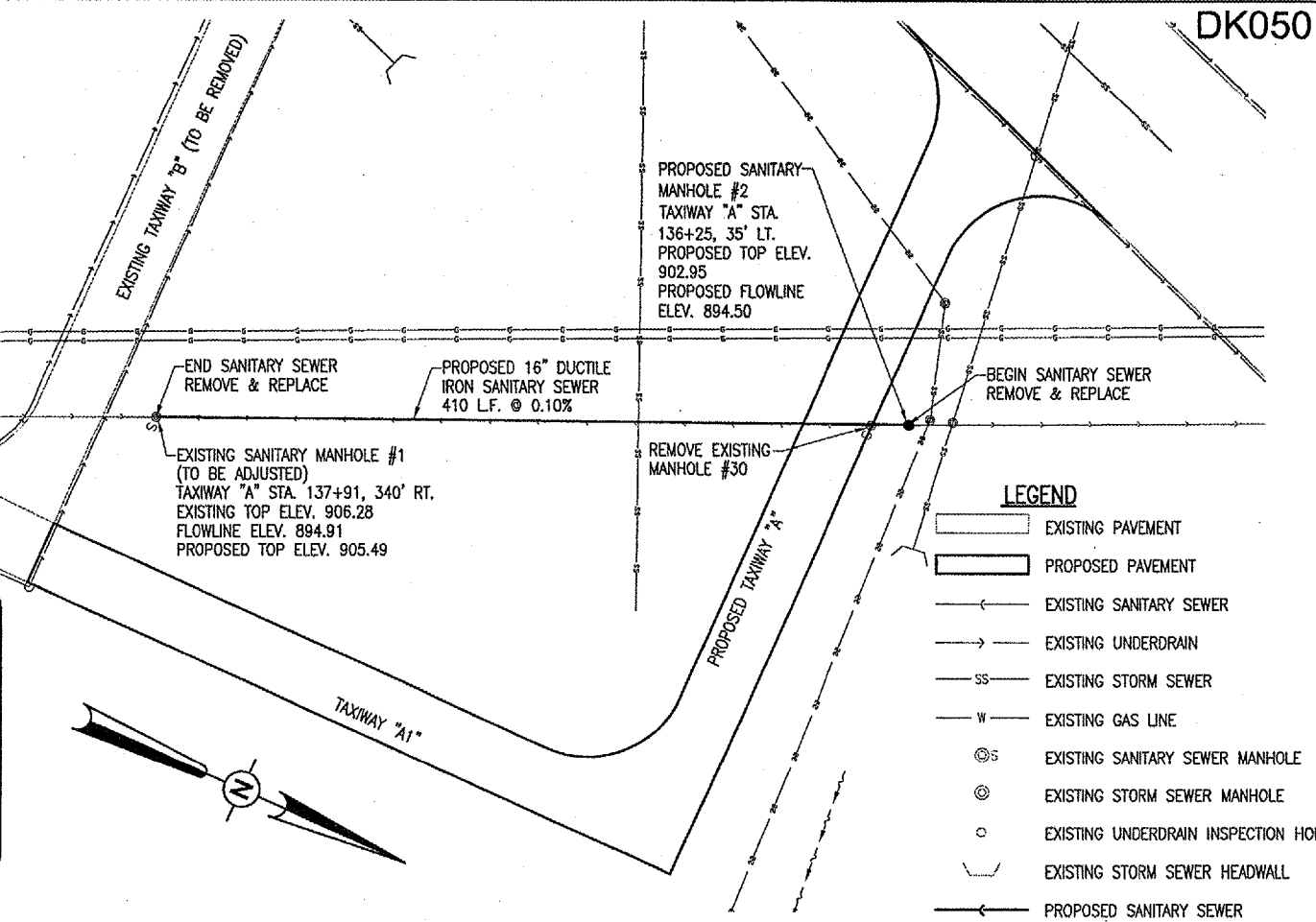
THE PROPOSED DUCTILE IRON PIPE SHALL CONFORM TO ANSI A 21.51 (AWWA C-151), CLASS THICKNESS DESIGNED PER ANSI A 21.50 (AWWA C-150), TAR (SEAL) COATED AND/OR CEMENT LINED PER ANSI A 21.4 (AWWA C-104), WITH MECHANICAL OR RUBBER RING (SLIP SEAL OR PUSH ON) JOINTS.

UPON COMPLETION OF THE INSTALLATION OF THE PROPOSED SANITARY SEWER LINE, THE CONTRACTOR WILL SMOOTH GRADE THE WORK AREA.

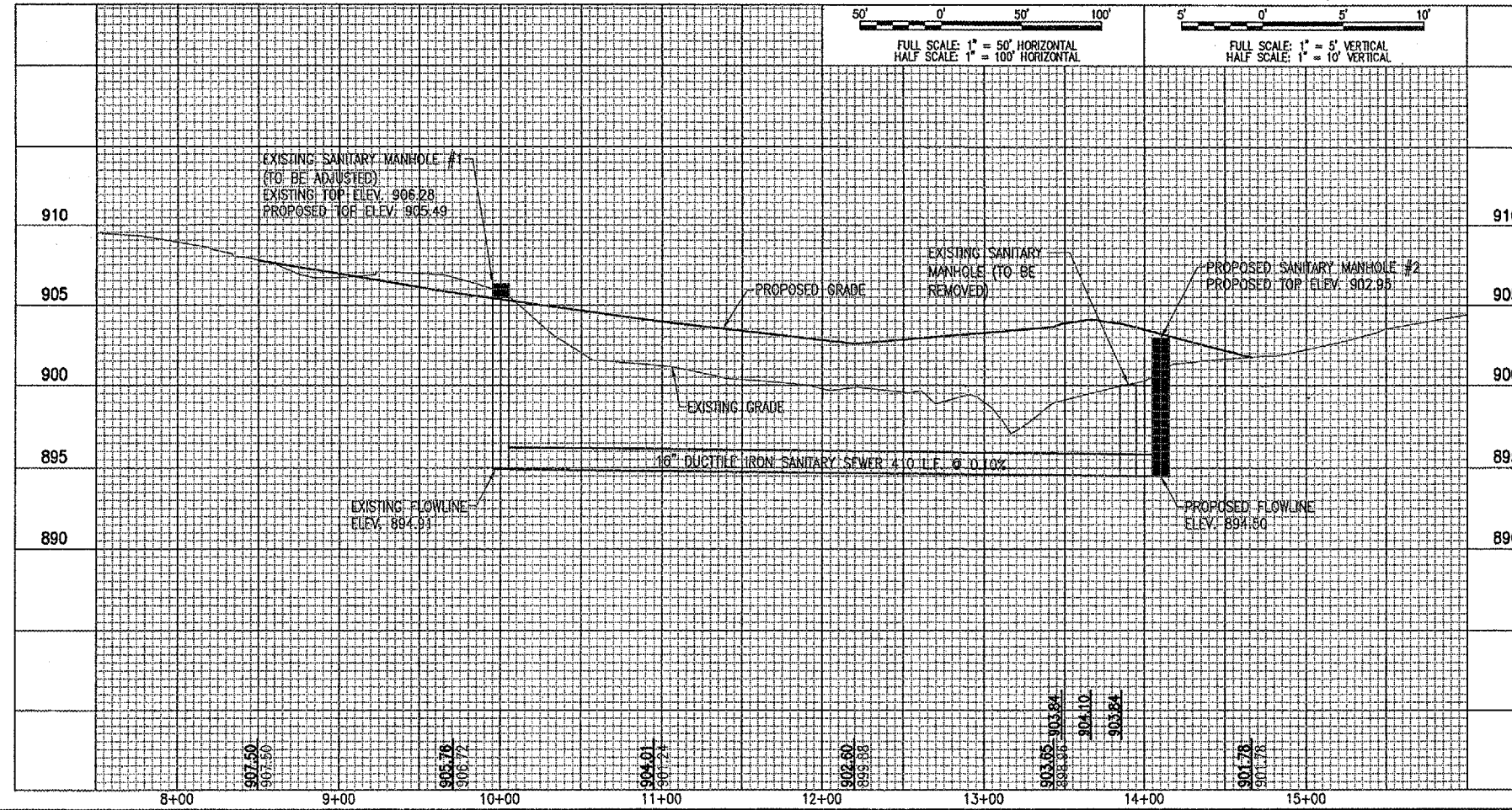
**NOTES:**  
 THE EXISTING 16" SANITARY SEWER PIPE WILL BE REMOVED AND THE PROPOSED 16" DUCTILE IRON SANITARY SEWER PIPE WILL BE PLACED IN THE SAME TRENCH TO THE SAME GRADE AND BACKFILL IN ACCORDANCE WITH THE SPECIFICATIONS.

THE AREAS OF PROPOSED 16" DUCTILE IRON SANITARY SEWER PIPE THAT WILL LIE UNDER PROPOSED PAVEMENT WILL BE BACKFILLED 5' BEYOND PAVEMENT EDGES TO THE EARTH SUBGRADE ELEVATION WITH POROUS BACKFILL MATERIAL.

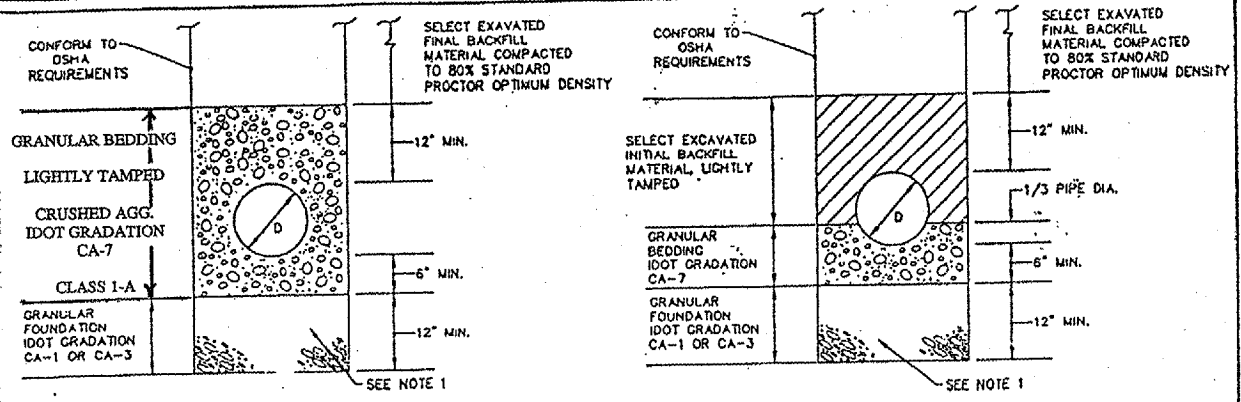
THE POROUS BACKFILL WILL BE PLACED IN LIFTS AND COMPACTED IN ACCORDANCE WITH ITEM 701 OF THE SPECIFICATIONS AND SPECIAL PROVISIONS.



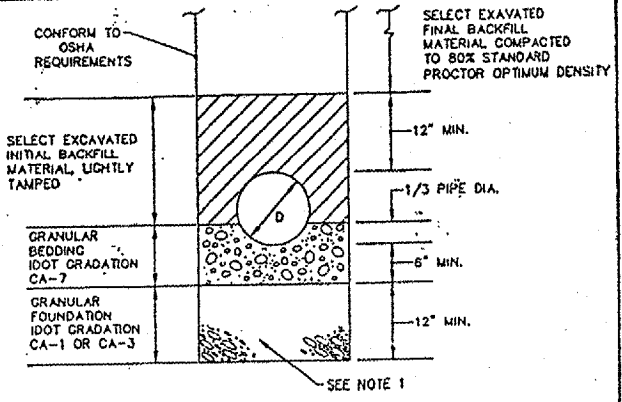
- LEGEND**
- EXISTING PAVEMENT
  - PROPOSED PAVEMENT
  - EXISTING SANITARY SEWER
  - EXISTING UNDERDRAIN
  - EXISTING STORM SEWER
  - EXISTING GAS LINE
  - EXISTING SANITARY SEWER MANHOLE
  - EXISTING STORM SEWER MANHOLE
  - EXISTING UNDERDRAIN INSPECTION HOLE
  - EXISTING STORM SEWER HEADWALL
  - PROPOSED SANITARY SEWER



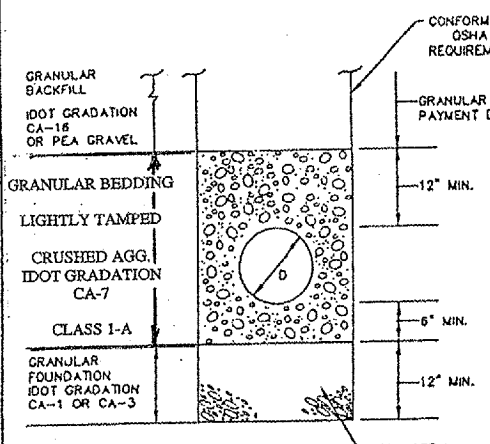
BY	
REVISION	
DATE	
<b>DIMAX</b>	
DEKALB TAYLOR MUNICIPAL AIRPORT	
A.I.P. PROJ.: 3-17-0139-842	
PROJECT NO.	803-CSTYAD-0800
DATE	03/09/06
SCALE	H = 1" = 50' V. 1" = 5'
DESIGNER	R-SANSWR-PNP-DWG
CHECKER	
DATE	03/09/06
LAYOUT	K.D.M.
DATE	03/09/06
DRAWN	B.A.K.
DATE	03/09/06
REVIEWED	C.A.H.
DATE	03/16/06
<b>HANSON</b>	
Hanson Professional Services Inc. 1525 South Sixth Street Springfield, Illinois 62705-2885 Offices Nationwide	
EXTEND TAXIWAY "A"	PROPOSED SANITARY SEWER PLAN
<b>75</b>	
75 of 224 sheets	



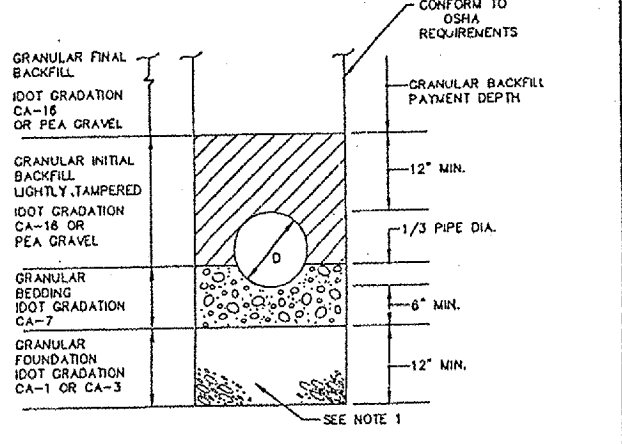
**BEDDING AND BACKFILL REQUIREMENTS FOR POLYVINYL CHLORIDE (PVC) SEWERS IN NON-STRUCTURAL LOCATIONS**



**BEDDING AND BACKFILL REQUIREMENTS FOR DUCTILE IRON PIPE SEWERS IN NON-STRUCTURAL LOCATIONS**

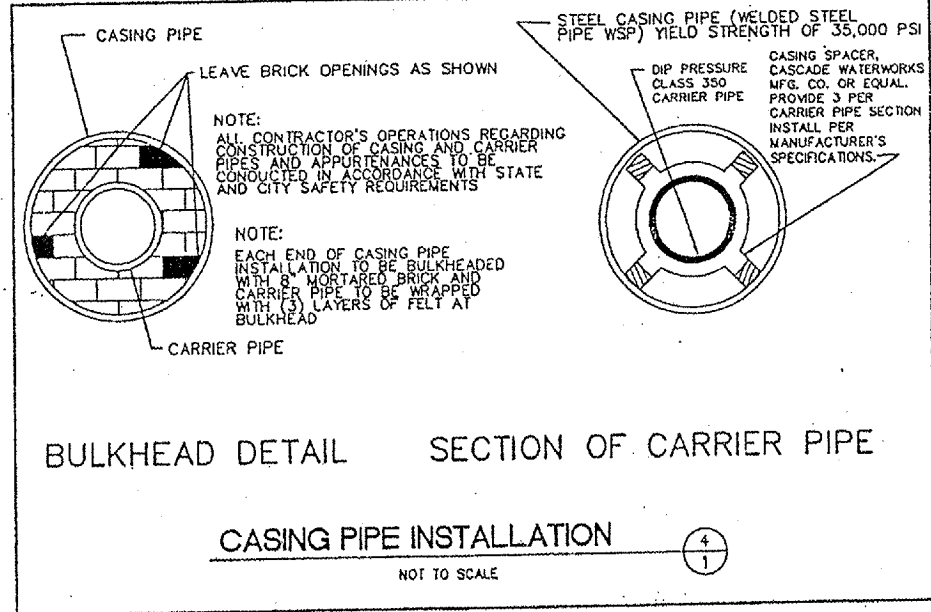


**BEDDING AND BACKFILL REQUIREMENTS FOR POLYVINYL CHLORIDE (PVC) SEWERS IN STRUCTURAL LOCATIONS**



**BEDDING AND BACKFILL REQUIREMENTS FOR DUCTILE IRON PIPE SEWERS IN STRUCTURAL LOCATIONS**

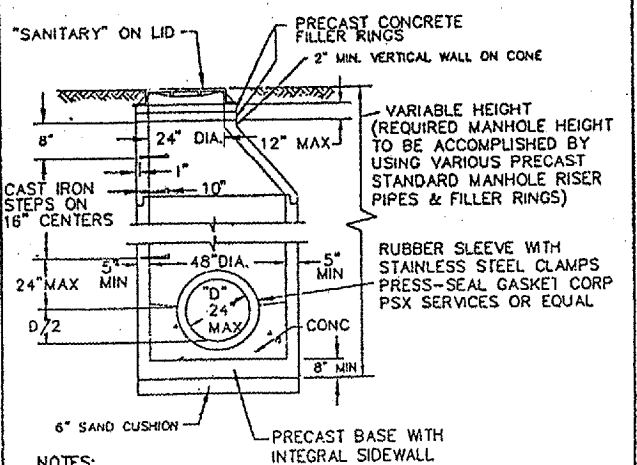
**NOTE 1**  
CONSTRUCT GRANULAR FOUNDATION WHERE UNSUITABLE MATERIAL OR WET CONDITIONS ARE ENCOUNTERED AT BOTTOM OF TRENCH



**BULKHEAD DETAIL SECTION OF CARRIER PIPE**

**CASING PIPE INSTALLATION**

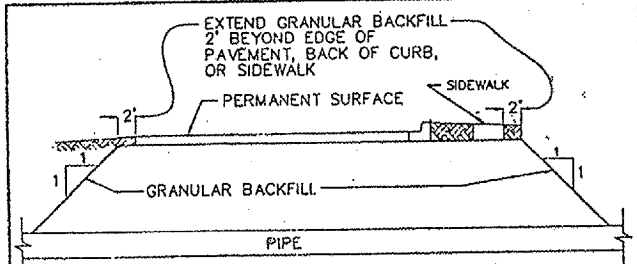
NOT TO SCALE



- NOTES:**
- ENTIRE EXTERIOR OF MANHOLE TO BE COATED WITH BITUMASTIC COATING.
  - MANHOLE CONSTRUCTION SHALL CONFORM TO ASTM C478, LATEST REVISION. CONCENTRIC CONES WILL NOT BE ALLOWED.
  - ALL JOINTS SHALL BE SEALED WATER-TIGHT BY MEANS OF E-Z STIK, KENT-SEAL OR RUB R NEK (INCLUDING BOTTOM OF CAST IRON FRAME AND PRECAST CONCRETE FILLER RINGS).
  - MANHOLE FRAME & LID SHALL BE NEENAH R-1015-2000 OR EAST JORDAN WORKS 1050 WITH SELF-SEALING LID WITH CONCEALED PICKHOLES.
  - CONSTRUCT FLEXIBLE WATERTIGHT CHIMNEY SEAL PER (1/2)
  - FOR NEW CONNECTIONS TO EXISTING MANHOLES, CORE DRILL OPENING & INSTALL WATERTIGHT PIPE TO MANHOLE SEAL, LINK SEAL OR EQUAL.
  - STEPS SHALL BE POLYPROPYLENE COATED STEEL REINFORCED RODS.

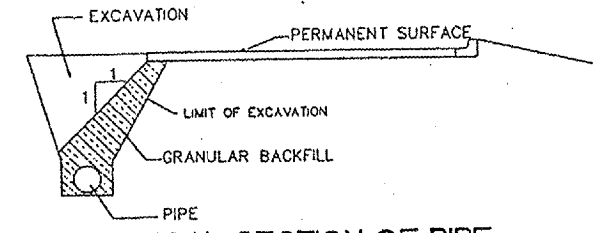
**SANITARY MANHOLE**

NO SCALE



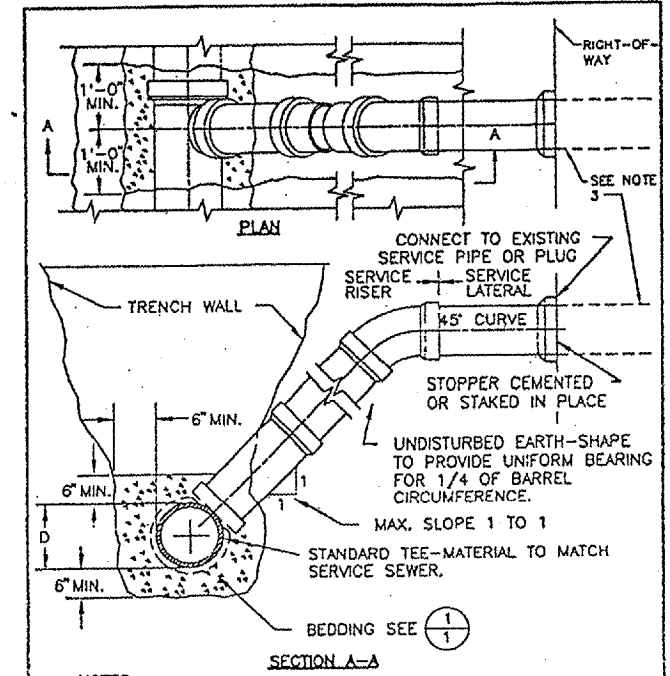
**TYPICAL SECTION OF PIPE CROSSING UNDER PERMANENT SURFACE**

**NOTE:**  
THESE SECTIONS APPLY WHEREVER PIPE IS ADJACENT TO, OR CROSSES UNDER A ROADWAY, PARKING LOT, SIDEWALK, DRIVEWAY, STRUCTURE OR PAVEMENT.



**TYPICAL SECTION OF PIPE PARALLEL TO PERMANENT SURFACE**

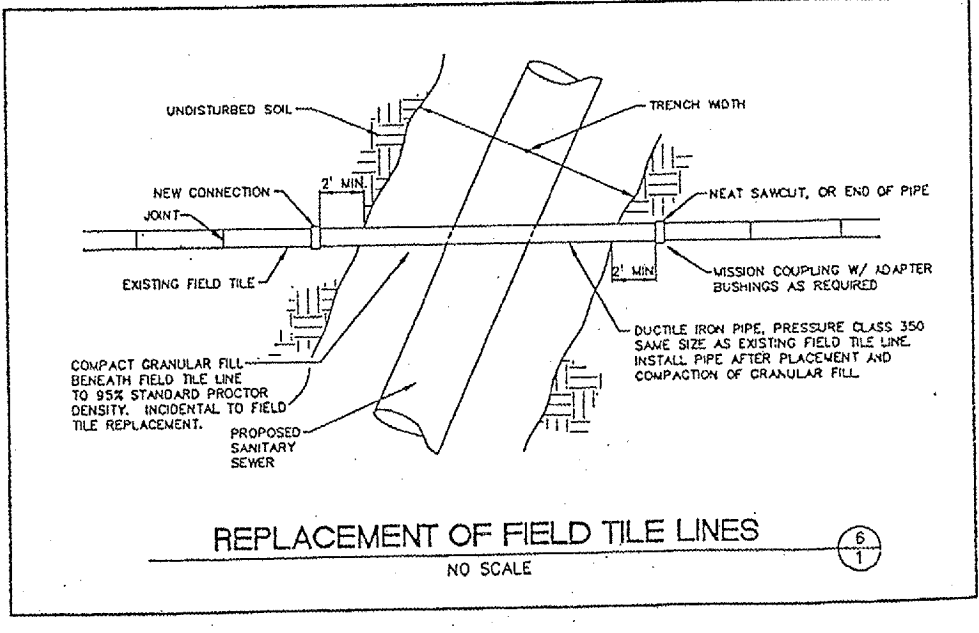
NO SCALE



- NOTES:**
- MAXIMUM SLOPE SHALL BE LESS THAN 1 TO 1 WHEN IT IS NECESSARY TO SECURE BEDDING IN UNDISTURBED EARTH.
  - SERVICE RISERS SHALL BE CONSTRUCTED OF SAME MATERIALS AS MAINLINE SEWER, 4\"/>
  - CONFORM TO LOCAL REQUIREMENTS FOR PIPE MATERIALS AND INSTALLATION OUTSIDE OF PUBLIC RIGHT-OF-WAY. PROVIDE SUITABLE ADAPTER COUPLING (FERRO OR EQUAL) TO JOIN DISSIMILAR PIPE MATERIALS OR SIZES.

**SERVICE RISER**

NO SCALE



**REPLACEMENT OF FIELD TILE LINES**

NO SCALE

REV.	DATE	REMARKS

DESIGNED: DLB  
DRAWN: EMK  
CHECKED: MLP  
DATE: 7/14/97

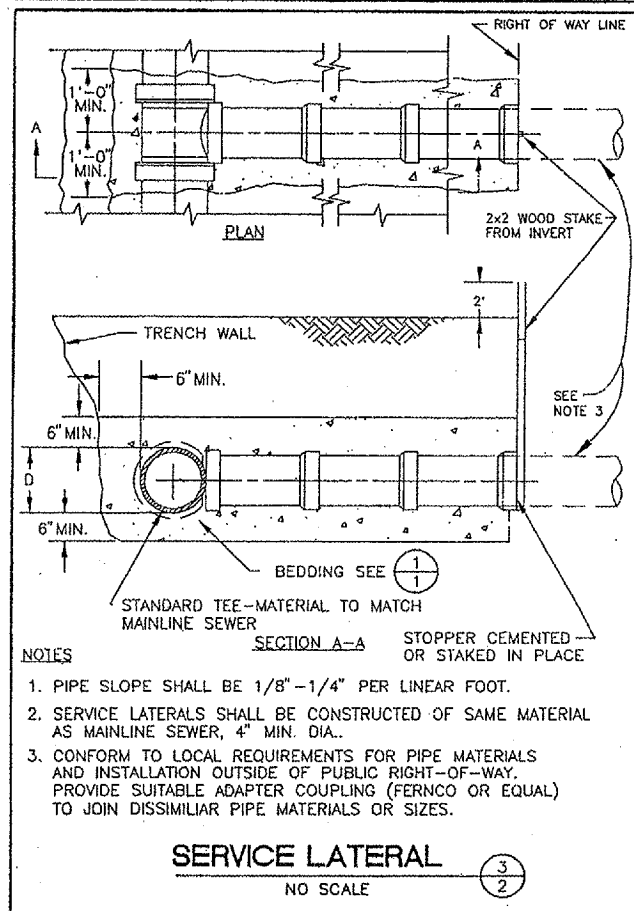
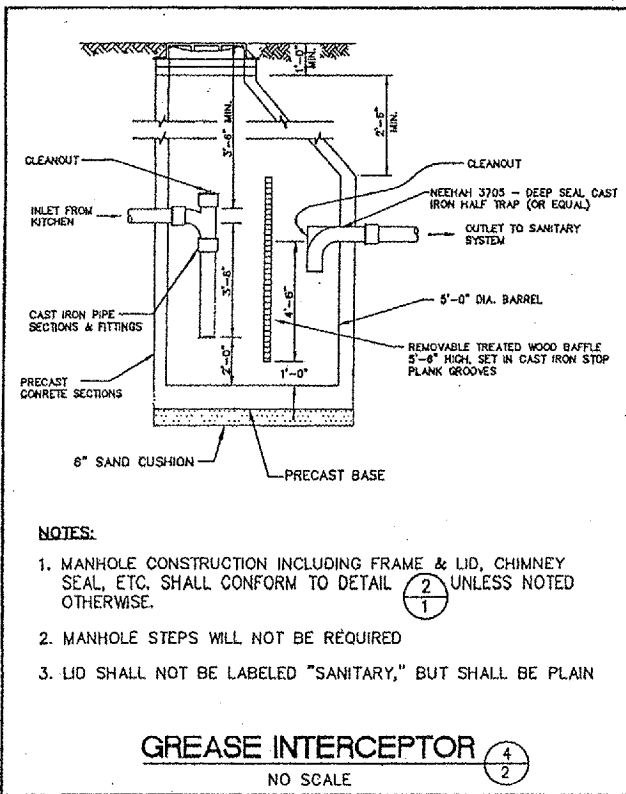
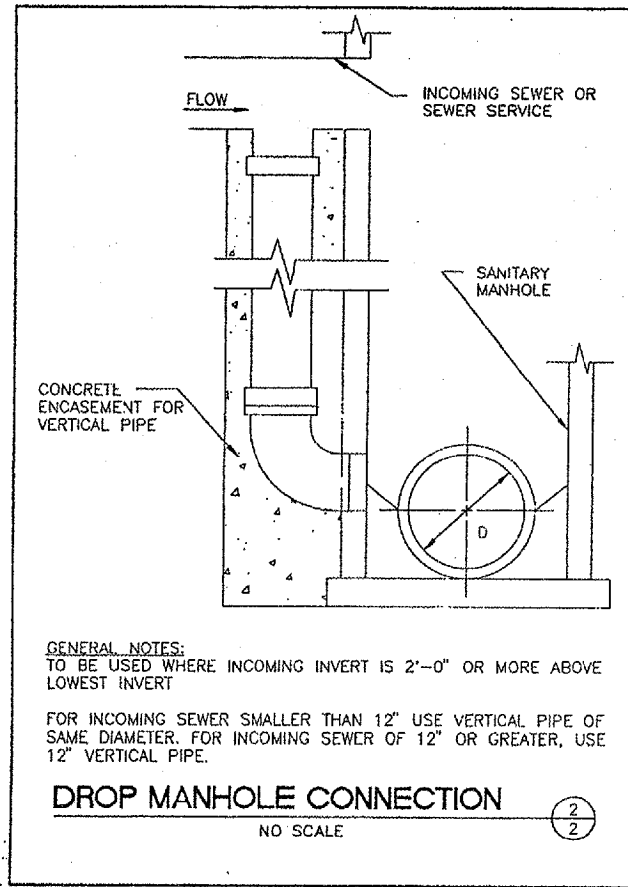
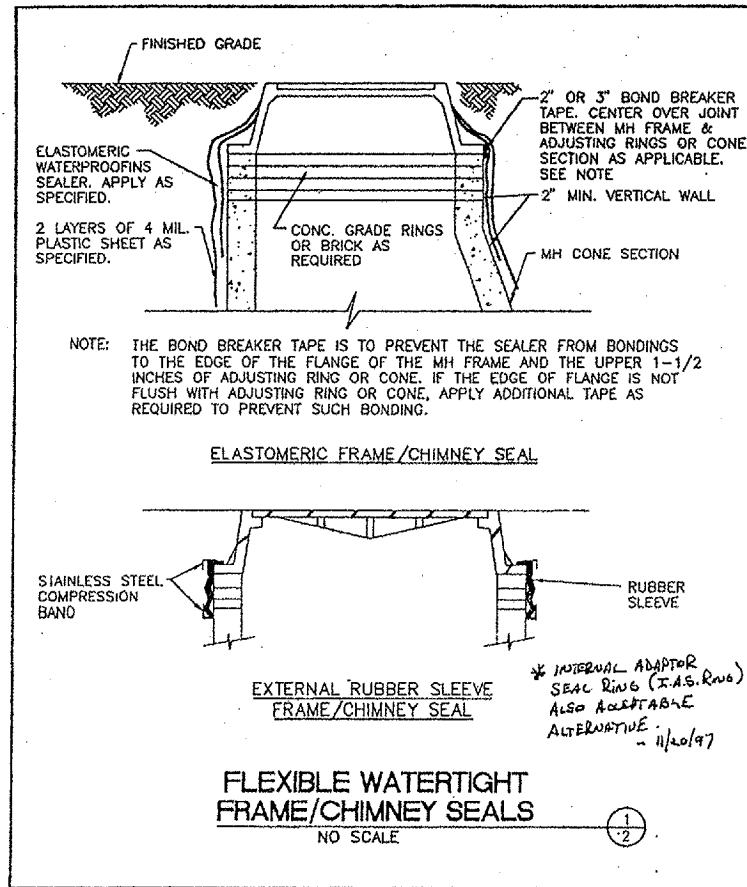
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RECORD

**STANDARD DETAILS**  
**DEKALB SANITARY DISTRICT**  
DEKALB ILLINOIS

JOB NO. 49125-B-10,779-62  
SHEET NO. 1 of 2





**GENERAL NOTES:**

- SANITARY SEWER CONSTRUCTION SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR WATER SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION.
- SEWERS, RISERS, AND SERVICE LATERALS MAY BE CONSTRUCTED OF EITHER DIP OR PVC PIPE WITH BEDDING AS INDICATED. CARRIER PIPES, MUST BE CONSTRUCTED OF DIP PIPE AS SPECIFIED BELOW.  
DUCTILE IRON PIPE: AWWA C151; THICKNESS AWWA C150; INTERIOR CEMENT LINING AND BITUMINOUS COATINGS; EXTERIOR COAL TAR COATING, AWWA C104, PRESSURE CLASS 350. JOINTS SHALL BE AWWA C111 RUBBER RING SLIP SEAL OR PUSH-ON TYPE.  
POLYVINYL CHLORIDE (PVC) PIPE: ASTM D3034, HEAVY WALL SEWER PIPE; SDR-26. JOINTS SHALL BE ASTM D3212 FLEXIBLE ELASTOMERIC SEALS.
- CONTRACTOR SHALL NOTIFY THE DEKALB SANITARY DISTRICT AND THE CITY OF DEKALB (IF IN PUBLIC RIGHT-OF-WAY) 24 HOURS IN ADVANCE OF THE BEGINNING OF SANITARY SEWER CONSTRUCTION.
- FULL LENGTH OF SANITARY SEWERS SHALL BE TESTED AS SPECIFIED IN DIVISION 3, SECTION 31 OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS. THE CONTRACTOR SHALL NOTIFY THE DEKALB SANITARY DISTRICT 48 HOURS IN ADVANCE OF THE TESTING PROCEDURES. A REPRESENTATIVE OF THE DEKALB SANITARY DISTRICT MUST BE PRESENT TO OBSERVE THE TESTING PROCEDURES. TESTING WILL INCLUDE LOW PRESSURE AIR TESTING, DEFLECTION TESTING OF FLEXIBLE PIPE, AND PIPE LAMPING.
- SANITARY MANHOLE FRAME/CHIMNEY SEAL SHALL CONSIST OF AN EXTERNAL RUBBER SLEEVE MANUFACTURED BY CRETEX SPECIALTY PRODUCTS OR AN ELASTOMERIC FRAME/CHIMNEY SEAL. THE ELASTOMERIC FRAME/CHIMNEY SEAL SHALL BE A SINGLE COMPONENT MOISTURE CURING POLYURETHANE. ACCEPTABLE PRODUCTS:  
BOND BREAKER MATERIAL SHALL BE POLYETHYLENE TAPE, 2 TO 3 INCHES WIDE WITH ONE SIDE HAVING ADHESIVE WHICH WILL READILY ADHERE TO IRON AND MASONRY. THE OTHER SIDE SHALL BE TREATED OR COATED TO POSITIVELY PREVENT A BOND WITH THE ELASTOMERIC SEALER. BOND BREAKER SHALL BE COMPATIBLE FOR USE WITH THE SEALER AND SHALL BE FURNISHED OR RECOMMENDED BY THE SEALER SUPPLIER.  
PRIMER AND CLEANER SHALL BE AS RECOMMENDED OR FURNISHED BY THE SEALER SUPPLIER.  
THE FRAME/CHIMNEY SEAL SHALL BE INSTALLED IN SUFFICIENT HEIGHT TO COVER THE FRAME/CHIMNEY JOINT AND ANY JOINTS ABOVE AND BELOW ANY PRECAST ADJUSTMENT RINGS.
- INSTALLATION OF FRAME/CHIMNEY SEAL:  
A. INSTALL SEALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.  
B. POWER BRUSH TO ENSURE SURFACE TO RECEIVE SLEEVE IS CIRCULAR, CLEAN, REASONABLY SMOOTH, AND FREE OF LOOSE MATERIAL AND VOIDS.  
C. EXTERNAL RUBBER SLEEVE FRAME/CHIMNEY SEAL:  
(1) WHEN SURFACE IS ROUGH OR IRREGULAR, CORRECT WITH APPROVED LOW-SHRINK MORTAR.  
(2) FILL ALL MINOR IRREGULARITIES WITH BUTYL RUBBER SEALANT.  
(3) PLACE RUBBER SLEEVE IN POSITION AROUND MANHOLE AND TIGHTEN STAINLESS STEEL BANDS TO PROVIDE WATERTIGHT SEAL.  
(4) SKIRT:  
(a) WRAP AROUND LOWER PORTION OF CHIMNEY BEFORE BOTTOM BAND IS INSTALLED, AND EXTENDED OVER LOWER BAND RECESS.  
(b) PULL SKIRT TIGHT AND SOLVENT-WELD OVERLAPPED ENDS.  
(c) TIGHTEN BOTTOM BANDS.  
D. ELASTOMERIC FRAME/CHIMNEY SEAL:  
(1) FILL DEPRESSIONS WHICH ARE GREATER THAN 1/4 INCH WITH MORTAR.  
(2) ALL SURFACES SHALL BE FREE OF DUST, OIL, RUST, LOOSE MATERIALS AND OTHER CONTAMINANTS, Wipe with CLEANER.  
(3) APPLY BOND BREAKER TAPE COMPLETELY AROUND MANHOLE, CENTERED OVER THE JOINT BETWEEN THE CASTING AND ADJACENT MASONRY.  
(4) APPLY PRIMER IMMEDIATELY AFTER CLEANING.  
(5) APPLY SEALER WITH TROWEL, ROLLER OR SPRAYER TO ACHIEVE A THICKNESS OF NOT LESS THAN 100 WET MILS. DO NOT APPLY WHEN TEMPERATURE IS BELOW 40 DEGREES AND FALLING. APPLY SEALER 6 INCHES UP ON THE CASTING, OVER ADJUSTING RINGS, AND A MINIMUM 6 INCHES BELOW THE TOP OF THE PRECAST CONE SECTION.  
(6) ALLOW SEALER TO CURE 48 HOURS PRIOR TO BACKFILLING.  
(7) IMMEDIATELY BEFORE BACKFILLING, LOOSELY WRAP TWO LAYERS OF 4 MIL PLASTIC SHEET OVER THE SEALED AREA TO PREVENT DIRECT CONTACT WITH BACKFILL.
- SANITARY MANHOLE TESTING  
ALL NEW MANHOLES TO BE TESTED WITH VACUUM TESTER AS FOLLOWS:  
A. THE CONTRACTOR SHALL NOTIFY THE DEKALB SANITARY DISTRICT 48 HOURS IN ADVANCE OF THE TESTING PROCEDURE.  
B. CONTRACTOR SHALL TEST MANHOLE FROM TOP OF CONE SECTION ON DOWN. TESTING OF ADJUSTING RINGS AND THE FRAME TO MANHOLE JOINT IS NOT REQUIRED.  
C. PLUG ALL INCOMING AND OUTGOING SEWER AND SERVICE LINES AND RESTRAIN PLUGS.  
D. REMOVE LID AND PLACE VACUUM TESTER HEAD ON TOP PORTION OF CONE SECTION.  
E. DRAW VACUUM OF 10 INCHES HG.  
F. TIME FOR VACUUM TO DROP TO 9 INCHES HG SHALL NOT BE LESS THAN 40, 50, OR 60 SECONDS FOR MANHOLE DIAMETERS OF 48, 60, AND 72 INCHES RESPECTIVELY.  
(1) FOR MANHOLES DEEPER THAN 20 FEET, TEST TIMES SHALL BE INCREASED BY 2 SECONDS PER FOOT OF ADDITIONAL MANHOLE DEPTH.  
G. MANHOLES THAT FAIL SHALL BE SEALED AND RETESTED BY CONTRACTOR AT NO ADDITIONAL COMPENSATION UNTIL MANHOLE IS ABLE TO PASS TEST.
- SEQUENCE OF MANHOLE CONSTRUCTION, TESTING  
1. CONSTRUCT MANHOLE WITH LID/CASTING SET TO APPROXIMATE FINISHED GRADE. LID MUST BE EXPOSED.  
2. PERFORM SANITARY MANHOLE TESTING IN CONFORMANCE WITH NOTE 7.  
3. ISOLATE AND REPAIR ANY LEAKING JOINTS, PIPE SEALS, ETC. OBTAIN PRE-APPROVAL OF REPAIR MATERIALS AND METHODS FROM DEKALB SANITARY DISTRICT. LEAKS MUST BE REPAIRED EXTERNALLY, "WIPING" OF MORTAR OR SEALANTS ON INSIDE SURFACE OF MANHOLE WILL NOT BE ACCEPTED. RETEST MANHOLE.  
4. THE DEKALB SANITARY DISTRICT WILL APPROVE THE PROJECT MANHOLES FOR PURPOSES OF OBTAINING OCCUPANCY PERMITS, ONCE ALL MANHOLES HAVE BEEN SUCCESSFULLY VACUUM TESTED.  
5. ONCE THE LEVELING BINDER FOR THE STREET HAS BEEN CONSTRUCTED, ADJUST MANHOLE TO FINAL GRADE AND INSTALL FRAME/CHIMNEY SEALS.  
6. CONTACT DEKALB SANITARY DISTRICT FOR FINAL VISUAL INSPECTION OF FRAME/CHIMNEY SEAL INSTALLATIONS.
- SYSTEM ISOLATION  
THE DEKALB SANITARY DISTRICT WILL INSTALL ISOLATION PLUG(S) TO PROTECT THE "LIVE" DOWNSTREAM SANITARY SEWERS FROM EXTRANEOUS WATER AND DEBRIS DURING THE SEWER CONSTRUCTION.  
THE PLUGS WILL NOT BE REMOVED UNTIL THE NEW SEWERS HAVE PASSED THE REQUIRED TESTS AND INSPECTIONS AND AT SUCH TIME THAT THE DISTRICT DETERMINES TO BE APPROPRIATE.  
TAMPERING WITH OR REMOVAL OF THE ISOLATION PLUGS IS A VIOLATION OF DEKALB SANITARY DISTRICT ORDINANCE NO. 259. ANY PERSON VIOLATING SAID ORDINANCE PROVISION IS SUBJECT TO FINES, LEGAL ACTION AND IMMEDIATE ARREST.
- RECORD DRAWINGS  
THE DEVELOPER SHALL SUPPLY THROUGH HIS ENGINEER THE DISTRICT WITH TWO SETS OF RECORD DRAWINGS. ONE SET IS TO BE A MYLAR COPY AND ONE SET IS TO BE A BLUELINE OR "XEROX" COPY. THE RECORD DRAWINGS SHALL INDICATE ANY CHANGES FROM ORIGINAL PLANS.  
THE RECORD DRAWINGS SHALL INCLUDE THE FOLLOWING: 1) THE RIM AND INVERT ELEVATIONS (USGS/MSL DATUM). 2) THE % GRADE, SIZE, PIPE MATERIAL AND DISTANCE FROM MANHOLE TO MANHOLE. 3) THE DISTANCE FROM A DEFINED MANHOLE TO EACH SERVICE WYE OR TEE AND THE LOCATION OF LATERALS AT LOT PROPERTY LINES (MEASURED FROM LOT LINE PINS). 4) SIZE & MATERIAL SERVICE LATERALS ARE MADE OF.  
RECORD DRAWINGS ARE TO BE LABELED "RECORD DRAWINGS", AND DATED AND SIGNED BY AN ENGINEER LICENSED IN THE STATE OF ILLINOIS.
- PROJECT COMPLETION/ACCEPTANCE  
TO ASSURE A TIMELY ACCEPTANCE OF THE NEW SEWER, ALL DEFICIENCIES SHALL BE NOTED DURING THE DISTRICT'S INSPECTIONS AND SHALL BE CORRECTED PRIOR TO FINAL INSPECTION. THE PLACEMENT OF A NEW SYSTEM INTO SERVICE OR THE ISSUANCE OF OCCUPANCY PERMITS MAY BE JEOPARDIZED UNTIL ALL REQUIREMENTS ARE COMPLETED.  
ALL NEW CONSTRUCTION OF COMMERCIAL OR INSTITUTIONAL FOOD SERVICE ESTABLISHMENTS SHALL, AT A MINIMUM, INSTALL AN OUTSIDE GREASE INTERCEPTOR AS DESCRIBED IN DETAIL "4/2" AND AS DESCRIBED IN 77 ILLINOIS ADMINISTRATIVE CODE, PART 890 - ILLINOIS PLUMBING CODE (DECEMBER 1993), SECTION 890. PRIOR TO PLACING THE UNIT INTO OPERATION, THE UNIT SHALL BE INSPECTED FOR CONFORMANCE BY THE DEKALB SANITARY DISTRICT.  
SIZING OF INTERCEPTOR SHALL BE IN CONFORMANCE WITH THE ILLINOIS PLUMBING CODE.  
ALTERNATIVE DESIGNS OTHER THAN THOSE INDICATED IN DETAIL "4/2" WILL BE CONSIDERED, BUT MUST BE REVIEWED AND APPROVED BY DISTRICT STAFF PRIOR TO CONSTRUCTION.

REV.	DATE	REMARKS

DESIGNED: DLB  
DRAWN: ENK  
CHECKED: MLP  
DATE: 7/14/97

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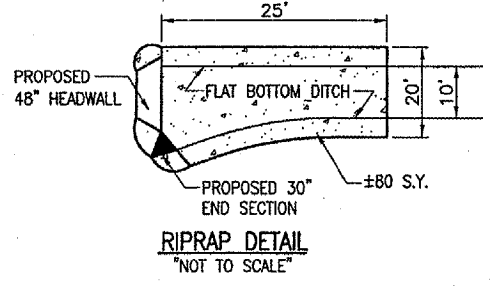
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□ RECORD

**GENERAL NOTES AND DETAILS**  
DEKALB SANITARY DISTRICT  
ILLINOIS

JOB NO.  
49125-B-10.779-62  
SHEET NO. 2 OF 2

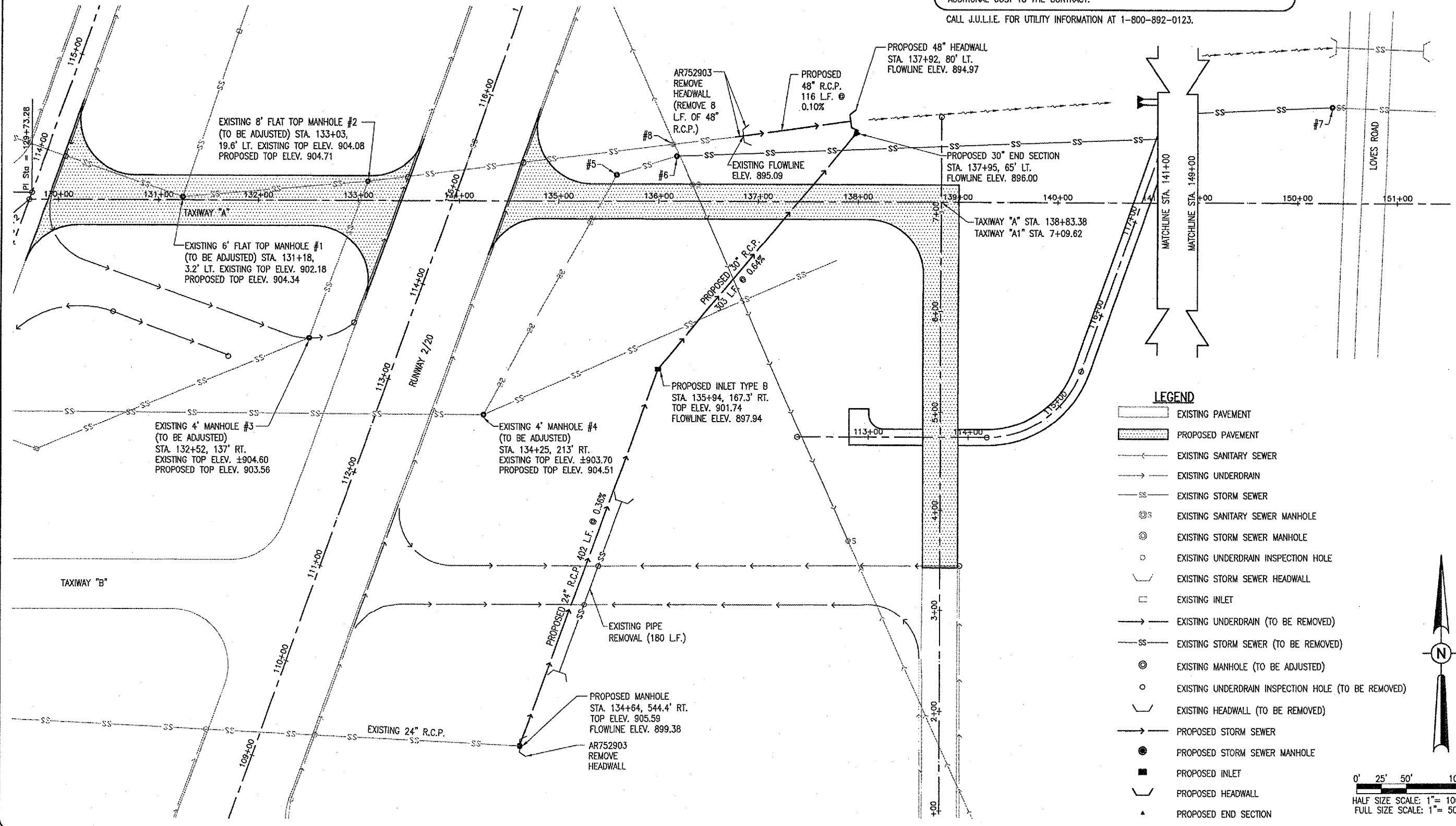
**HEADWALL REMOVAL NOTE**

THE CONTRACTOR WILL REMOVE AND DISPOSE OFFSITE THE EXISTING HEADWALL AND CORRESPONDING FIRST SECTION OF EXISTING RCP. THE REMOVAL AND DISPOSAL OF THE HEADWALL, RIPRAP AND THE FIRST SECTION OF RCP WILL BE PAID FOR UNDER ITEM: AR752903 "REMOVE HEADWALL" AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.



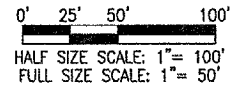
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CALL J.U.L.I.E. FOR UTILITY INFORMATION AT 1-800-892-0123.



**LEGEND**

- EXISTING PAVEMENT
- PROPOSED PAVEMENT
- EXISTING SANITARY SEWER
- EXISTING UNDERDRAIN
- EXISTING STORM SEWER
- EXISTING SANITARY SEWER MANHOLE
- EXISTING STORM SEWER MANHOLE
- EXISTING UNDERDRAIN INSPECTION HOLE
- EXISTING STORM SEWER HEADWALL
- EXISTING INLET
- EXISTING UNDERDRAIN (TO BE REMOVED)
- EXISTING STORM SEWER (TO BE REMOVED)
- EXISTING MANHOLE (TO BE ADJUSTED)
- EXISTING UNDERDRAIN INSPECTION HOLE (TO BE REMOVED)
- EXISTING HEADWALL (TO BE REMOVED)
- PROPOSED STORM SEWER
- PROPOSED STORM SEWER MANHOLE
- PROPOSED INLET
- PROPOSED HEADWALL
- PROPOSED END SECTION



DATE	REVISION	BY

**DIMA**  
**DEKALB TAYLOR MUNICIPAL AIRPORT**  
 A.I.P. PROJ.: 3-17-0139-B42  
 I.L. PROJ.: DKB-3448

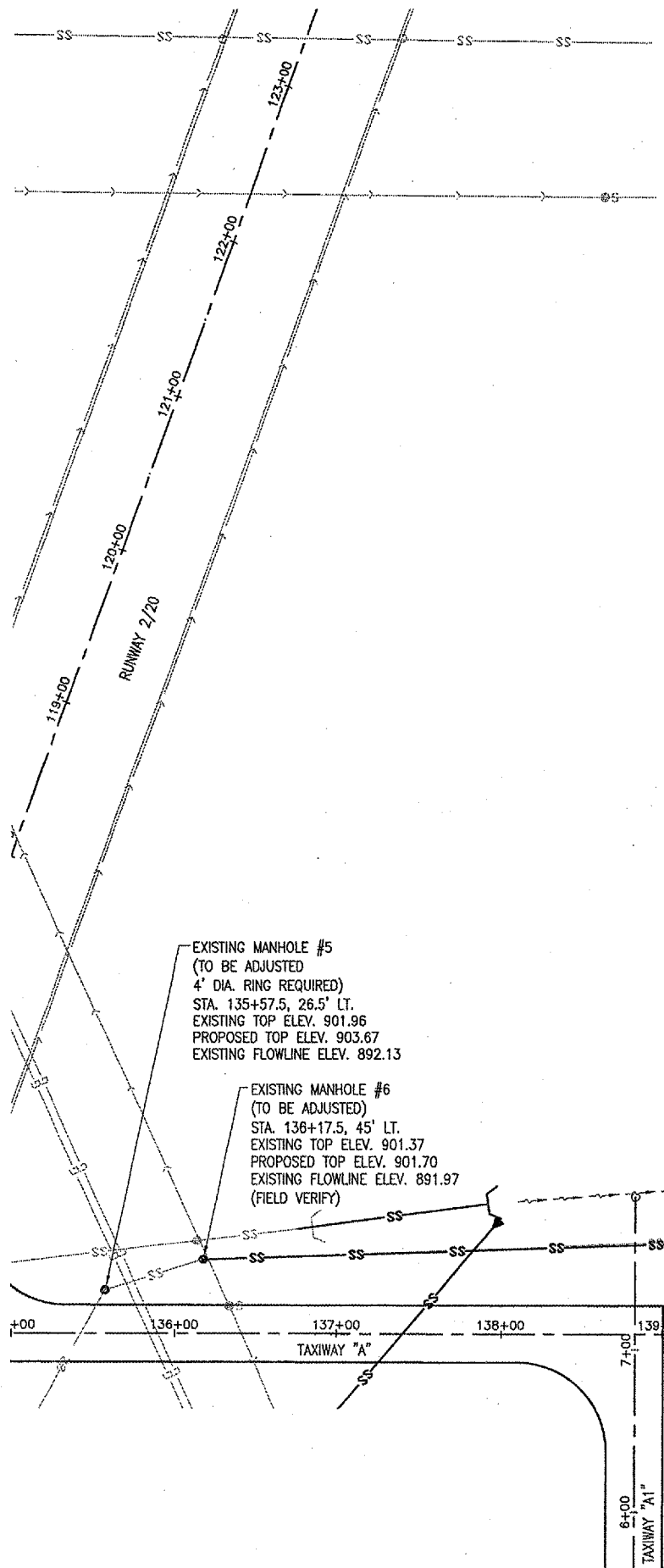
Project No. 803-05TXAD-0800	
File Name R=131DRN.DWG	
Scale 1"=50'	
Date 01/18/06	
LAYOUT J.E.O. 01/18/06	
DRAWN B.A.K. 01/18/06	
REVIEWED C.A.H. 03/16/06	

**HANSON**  
 Hanson Professional Services Inc.  
 1525 South Street  
 Spring Hill, TN 37388  
 Offices Nationwide

EXTEND TAXIWAY "A"  
 PROPOSED DRAINAGE PLAN FOR TAXIWAY "A" FOR STA. 129+73.28 TO STA. 151+00

APR 13, 2006 11:06 AM CAH I:\AIRPORTS\DEKALB\803-05TXAD\AIRPORT\WORKSHEETS\TWY-A\_EXT\R-131DRN.DWG - Layout1





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.

**ADJUST MANHOLE NOTE:**

MANHOLE NOS. 1 & 2 WILL BE ADJUSTED TO MATCH THE ADJACENT PAVEMENT GRADE. THESE TWO MANHOLES ARE 6' AND 8' DIAMETER RESPECTIVELY WITH FLAT CONCRETE TOPS. THE MINIMUM HEIGHT BETWEEN THE TOP OF THE MANHOLE CASTING TO THE BOTTOM OF THE TWO FOOT DIAMETER RINGS IS 12" AND THE MAXIMUM HEIGHT IS 24". MANHOLE #1 WILL REQUIRE A 6' DIAMETER RING TO MEET THIS REQUIREMENT. THESE TWO MANHOLES WILL ALSO REQUIRE NEW CASTING NEENAH R-3492 OR APPROVED EQUAL. THESE MANHOLE ADJUSTMENTS WILL BE PAID FOR UNDER ITEM:  
AR751944 ADJUST MANHOLE - PAVEMENT \_\_\_\_\_ 2 EACH.

MANHOLE NOS. 3,4,5,6, & 7 WILL BE ADJUSTED TO THE PROPOSED ELEVATIONS BY ADDING OR REMOVING 2' DIAMETER RINGS AS LONG AS THE TOTAL HEIGHT OF THE RINGS DOES NOT EXCEED 12 INCHES. IF THE TWO FOOT DIAMETER RINGS EXCEED THE 12 INCHES IN HEIGHT, THE 4' DIAMETER MANHOLE RINGS WILL HAVE TO BE REMOVED AND/OR REPLACED TO MEET THE PROPOSED ELEVATIONS. THE EXISTING CASTING WILL BE RE-USED FOR THESE MANHOLES. THESE MANHOLE ADJUSTMENTS WILL BE PAID FOR UNDER ITEM:  
AR751945 ADJUST MANHOLE - NON PAVEMENT \_\_\_\_\_ 5 EACH.

- LEGEND**
- EXISTING PAVEMENT
  - PROPOSED PAVEMENT
  - EXISTING SANITARY SEWER
  - EXISTING UNDERDRAIN
  - EXISTING STORM SEWER
  - EXISTING GAS LINE
  - EXISTING SANITARY SEWER MANHOLE
  - EXISTING STORM SEWER MANHOLE
  - EXISTING MANHOLE (TO BE ADJUSTED)
  - EXISTING UNDERDRAIN INSPECTION HOLE
  - EXISTING STORM SEWER HEADWALL
  - PROPOSED STORM SEWER
  - PROPOSED HEADWALL
  - PROPOSED END SECTION
  - PROPOSED SWALE
  - PROPOSED RIPRAP

EXISTING MANHOLE #5  
(TO BE ADJUSTED)  
4" DIA. RING REQUIRED)  
STA. 135+57.5, 26.5' LT.  
EXISTING TOP ELEV. 901.96  
PROPOSED TOP ELEV. 903.67  
EXISTING FLOWLINE ELEV. 892.13

EXISTING MANHOLE #6  
(TO BE ADJUSTED)  
STA. 136+17.5, 45' LT.  
EXISTING TOP ELEV. 901.37  
PROPOSED TOP ELEV. 901.70  
EXISTING FLOWLINE ELEV. 891.97  
(FIELD VERIFY)

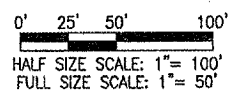
PROPOSED TWIN 36" RCP 68 LF. @ 0.26%  
PROPOSED 36" END SECTIONS STA. 118+13, 32' LT. FLOWLINE ELEV. 894.14  
GLIDE SLOPE ROAD STA. 118+26.58 TAXIWAY "A" STA. 141+19.74  
PROPOSED 36" END SECTIONS STA. 118+40, 32' RT. FLOWLINE ELEV. 893.88

PROPOSED RIPRAP 20' X 25' (56 LF.)  
PROPOSED RIPRAP 20' X 25' (56 S.Y.)

PROPOSED RCP CLASS V 1,418 LF. @ 0.25% (FIELD VERIFY SLOPE)

EXISTING MANHOLE #7  
(TO BE ADJUSTED)  
STA. 150+34, 95' LT.  
EXISTING TOP ELEV. 892.16  
PROPOSED TOP ELEV. 892.66  
EXISTING FLOWLINE ELEV. 888.31  
(FIELD VERIFY)

TIE INTO EXISTING CONCRETE PIPE



DATE	REVISION	BY

**DIMAX**  
DEKALB TAYLOR MUNICIPAL AIRPORT  
A.I.P. PROJ.: 3-17-0138-B42  
IL PROJ.: DKB-3448

FILE PROJECT NO. 803-05XXXAD_0800	LAYOUT	J.E.O.	01/18/06
FILENAME R-133DRN.DWG	DRAWN	B.A.K.	01/18/06
SCALE 1" = 50'	REVIEWED	C.A.H.	02/22/06
DATE 01/18/06			

**HANSON**  
Hanson Professional Services Inc.  
1525 South Sixth Street  
Springfield, Illinois 62763-2886  
Offices Nationwide

EXTEND TAXIWAY "A"  
PROPOSED DRAINAGE PLAN FOR TAXIWAY "A"  
STA. 135+00 TO STA. 152+00

APR 13, 2006 11:09 AM CAH  
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**705-UNDERDRAIN NOTES:**

THE PROPOSED UNDERDRAIN PIPE WILL BE CONSTRUCTED IN ACCORDANCE WITH ITEM 705 "PIPE UNDERDRAINS FOR AIRPORTS" AS STATED ON PAGE 109 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

THIS ITEM OF WORK SHALL CONSIST OF FURNISHING AND INSTALLING 4" P.E. TUBING (WRAPPED) AND UNDERDRAIN INSPECTION HOLES AT THE LOCATIONS AND TO THE GRADES SHOWN ON THE CONSTRUCTION PLANS.

705-3.3 LAYING AND INSTALLING PIPE. REVISE THIS SECTION AS FOLLOWS:

"PIPE DRAINS SHALL BE INSTALLED AT THE LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER. THE PIPE SHALL BE BEDDED IN THE UNDERLYING MATERIAL TO A DEPTH NOT LESS THAN 10 PERCENT OF THE EXTERNAL DIAMETER OF THE PIPE, AND WHERE TRENCHING IS REQUIRED, THE TRENCH SHALL HAVE A WIDTH OF NOT LESS 8 IN. THE BOTTOM OF THE TRENCH SHALL BE COMPACTED IN A MANNER MEETING THE APPROVAL OF THE ENGINEER.

JOINTS AND FITTINGS MAY BE ASSEMBLED WITHOUT GASKETS OR SOLVENT CEMENT IF THE JOINT IS SAND TIGHT AND THE SPIGOT ENTERS THE SOCKET NOT LESS THAN 1/3 OF THE SOCKET DEPTH FOR SOLVENT CEMENT JOINTS AND FULL-DEPTH FOR ELASTOMERIC GASKET JOINTS.

NO PIPE SHALL BE PLACED IN THE TRENCH UNTIL IT AND THE PREPARED FOUNDATION HAVE BEEN APPROVED BY THE RESIDENT ENGINEER. THE PIPE SHALL BE LAID SO THAT THE FLOWLINE WILL BE AT THE GRADE SHOWN ON THE PLANS OR ESTABLISHED BY THE RESIDENT ENGINEER. THE PERMISSIBLE MINIMUM COVER OVER A PIPE SHALL BE 6 IN.

LAYING OF PIPES SHALL COMMENCE AT THE OUTLET END AND PROCEED TOWARD THE INLET END WITH THE PIPES TRUE TO LINE AND GRADE.

THE ENDS OF THE PIPE SHALL BE CAREFULLY CLEANED BEFORE THEY ARE PLACED, AND SHALL BE PLACED TO AVOID UNNECESSARY HANDLING ON THE FOUNDATION. AS EACH LENGTH OF PIPE IS LAID, THE ENDS OF THE PIPE SHALL BE PROTECTED TO PREVENT THE ENTRANCE OF ANY MATERIAL.

LONGITUDINAL LAPS SHALL BE PLACED AT THE SIDES AND SEPARATE SECTIONS OF PIPE SHALL BE JOINED WITH TIGHTLY-DRAWN, APPROVED CONNECTING BANDS.

THE TRENCH SHALL BE BACKFILLED WITH SELECT MATERIAL, MEETING THE APPROVAL OF THE ENGINEER, PLACED IN 8 IN. LAYERS, LOOSE MEASUREMENT, AND COMPACTED TO THE ENGINEER'S SATISFACTION. THE PIPE UNDER PROPOSED PAVEMENT, PLUS 10 FT ON EITHER SIDE, WILL BE BACKFILLED WITH POROUS BACKFILL TO THE ORIGINAL GROUND ELEVATIONS OR TO THE SUBGRADE ELEVATION IF THE FILL HAS BEEN CONSTRUCTED PRIOR TO THE INSTALLATION."

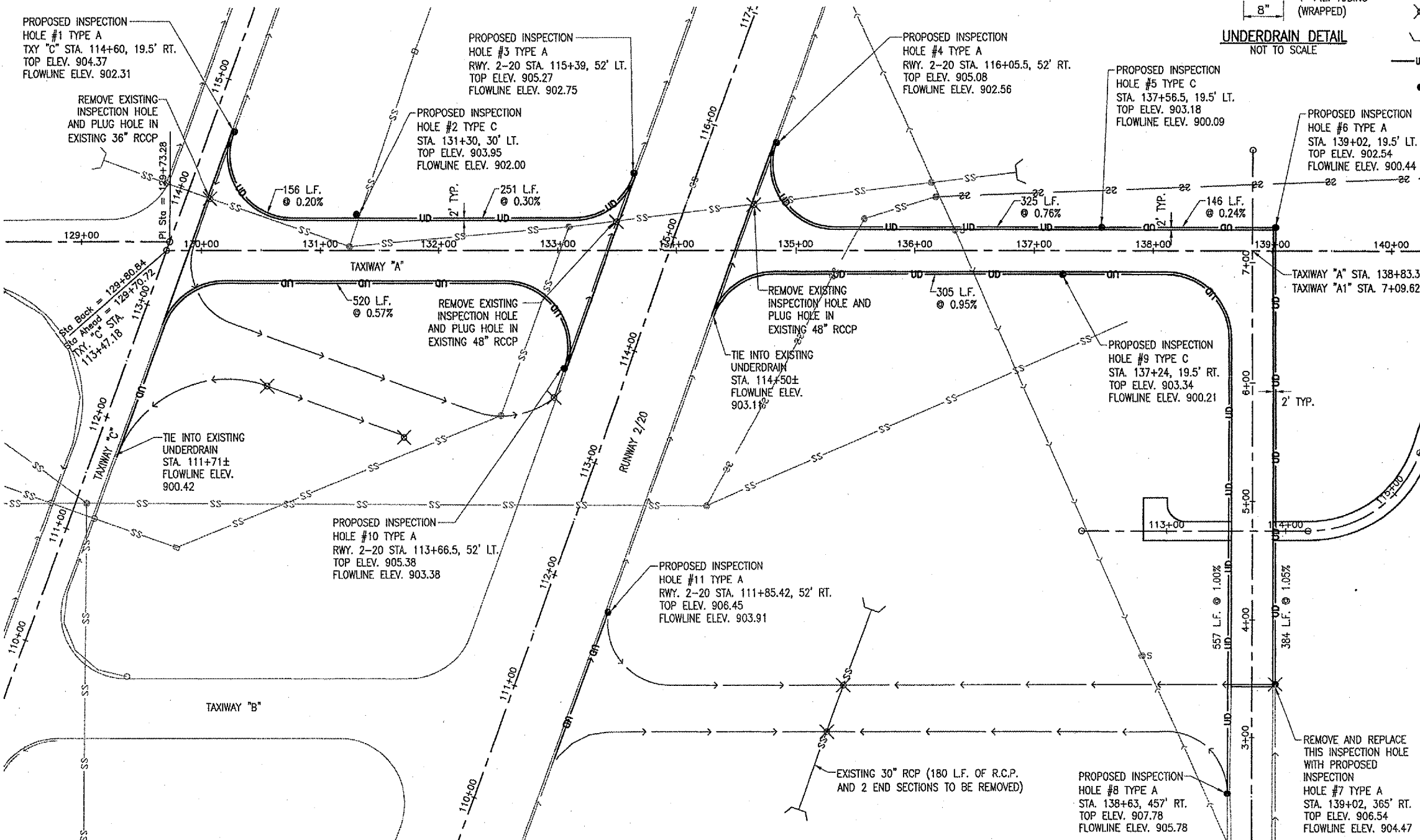
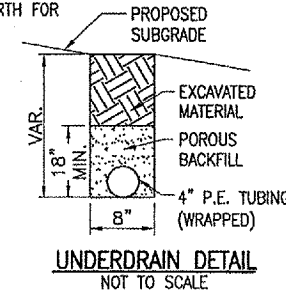
705-3.6 BACKFILLING; ADD THE FOLLOWING TO THIS SECTION:

"THE EDGE DRAIN TRENCH WILL BE BACKFILLED WITH POROUS BACKFILL IN ACCORDANCE WITH THE DETAIL ON THE CONSTRUCTION PLANS. THE POROUS BACKFILL WILL BE COMPACTED IN ACCORDANCE WITH THE SPECIFICATION SET FORTH FOR GRANULAR MATERIAL BACKFILL."

THE PROPOSED UNDERDRAIN PIPE WILL BE PAID FOR UNDER ITEMS:  
 AR705410 POROUS BACKFILL \_\_\_\_\_ 167 C.Y.  
 AR705526 6" PERFORATED UNDERDRAIN W/SOCK \_\_\_\_\_ 2,644 L.F.  
 AR705530 UNDERDRAIN INSPECTION HOLE \_\_\_\_\_ 11 EACH

**LEGEND**

- EXISTING PAVEMENT
- PROPOSED PAVEMENT
- EXISTING SANITARY SEWER
- EXISTING UNDERDRAIN
- EXISTING STORM SEWER
- EXISTING SANITARY SEWER MANHOLE
- EXISTING STORM SEWER MANHOLE
- EXISTING UNDERDRAIN INSPECTION HOLE
- EXISTING STORM SEWER HEADWALL
- EXISTING INLET
- EXISTING UNDERDRAIN (TO BE REMOVED)
- EXISTING STORM SEWER (TO BE REMOVED)
- EXISTING UNDERDRAIN INSPECTION HOLE (TO BE REMOVED)
- EXISTING HEADWALL (TO BE REMOVED)
- PROPOSED UNDERDRAIN
- PROPOSED UNDERDRAIN INSPECTION HOLE



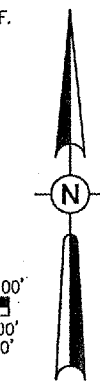
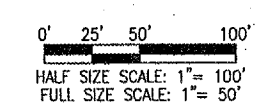
**REMOVE UNDERDRAIN INSPECTION HOLE NOTE**  
 THE EXISTING UNDERDRAIN INSPECTION HOLES, AS INDICATED, THAT INTERFERE WITH THE PROPOSED PAVEMENT EXPANSION WILL BE REMOVED. CARE SHOULD BE TAKEN NOT TO DAMAGE THE EXISTING UNDERDRAIN (TO BE REUSED) WHEN REMOVING THESE INSPECTION HOLES.

SOME OF THESE INSPECTION HOLES ARE CONNECTED TO REINFORCED CONCRETE PIPE (RCP). THE CONTRACTOR WILL EXCAVATE AROUND THESE STRUCTURES TO THE TOP OF THE RCP AND CAREFULLY REMOVE THE INSPECTION HOLE. THE RESULTING HOLE WILL BE PLUGGED AS DETAILED OR IN A MANNER SATISFACTORY TO THE RESIDENT ENGINEER TO PROVIDE A LEAK PROOF REPAIR. THE CONTRACTOR WILL USE SELECT BACKFILL MATERIAL AND COMPACT IN LIFTS TO THE SATISFACTION OF THE RESIDENT ENGINEER.

AT THE CONTRACT UNIT PRICE BID PER EACH INSPECTION HOLE REMOVED, THIS PRICE WILL CONSTITUTE FULL COMPENSATION FOR THE REMOVAL AND DISPOSAL OF THE INSPECTION HOLES, PLUGGING OF THE RCP, AND EXCAVATING AND BACKFILLING FOR THE INSPECTION HOLE REMOVAL.

THE REMOVAL OF THE UNDERDRAIN INSPECTION HOLE WILL BE PAID FOR UNDER ITEM:  
 AR705903 "REMOVE UNDERDRAIN INSP. HOLE" \_\_\_\_\_ 9 EACH.

**PIPE REMOVAL NOTE**  
 THE EXISTING 30" RCP AND 2 FLARED END SECTIONS AS SHOWN ON THE PLANS WILL BE EXCAVATED AND REMOVED. IF UNWANTED BY THE AIRPORT, THESE PIPE AND END SECTIONS WILL BE PLACED IN A FILL AREA (MINIMUM OF 2' COVER) NOT INTERFERING WITH FUTURE DEVELOPMENT AND CRUSHED AND BURIED TO THE SATISFACTION OF THE RESIDENT ENGINEER. THIS ITEM SHALL BE FULL COMPENSATION FOR REMOVAL AND DISPOSAL OF THE 30" RCP, END SECTIONS AND RIPRAP AND SHALL BE PAID FOR UNDER ITEM:  
 AR701900 "REMOVE PIPE" \_\_\_\_\_ 180 L.F.



DK050

BY	REVISION	DATE

**DIMAX**  
 DEKALB TAYLOR MUNICIPAL AIRPORT  
 PROJECT: 3-17-0139-B42  
 I.L. PROJ.: DKB-3448

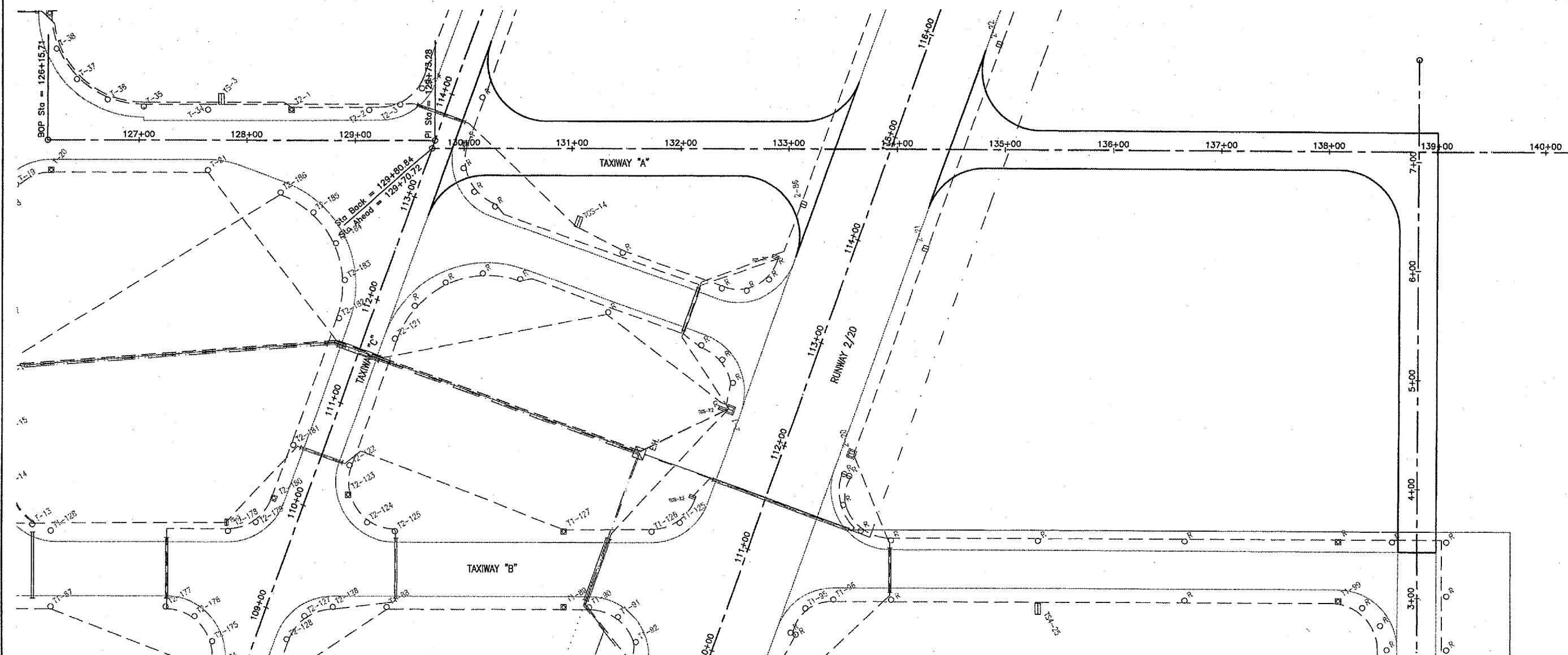
Project No. 903-05TXAD_0800	DATE 01/18/06
Drawn R-132DRN.DWG	DATE 01/18/06
Scale 1" = 50'	DATE 01/18/06
LAYOUT J.E.C.	DATE 01/18/06
DRAWN B.A.K.	DATE 03/16/06
REVIEWED C.A.H.	DATE 03/16/06

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

EXTEND TAXIWAY "A"  
 PROPOSED EDGE DRAIN PLAN FOR TAXIWAY "A"  
 STA. 129+00 TO STA. 140+00

APR 13, 2006 8:41 AM CAH I:\AIRPORTS\DEKALB\903-05TXAD\AIRPORT\WORKSHEETS\TWY-A\_EXT-R-132DRN.DWG - Layout1



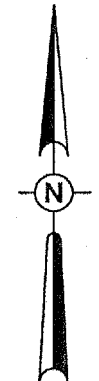


**LEGEND**

- EXISTING PAVEMENT
- PROPOSED PAVEMENT
- EXISTING ELECTRICAL DUCT
- EXISTING TAXIWAY/RUNWAY ELECTRICAL CABLES
- EXISTING RUNWAY END 2 & 20 REIL CABLES
- EXISTING RUNWAY END 2 & 20 PAPI CABLES
- EXISTING RUNWAY END 27 REIL CABLES
- EXISTING STAKE MOUNTED TAXIWAY LIGHT
- EXISTING BASE MOUNTED TAXIWAY LIGHT
- EXISTING STAKE MOUNTED RUNWAY LIGHT
- EXISTING BASE MOUNTED RUNWAY LIGHT
- EXISTING TAXI GUIDANCE SIGN
- EXISTING ELECTRICAL HANDHOLE

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.

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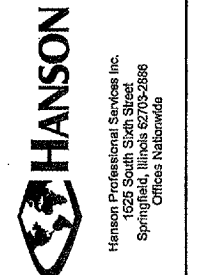
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 FULL SIZE SCALE: 1" = 50'

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DATE	REVISION	BY

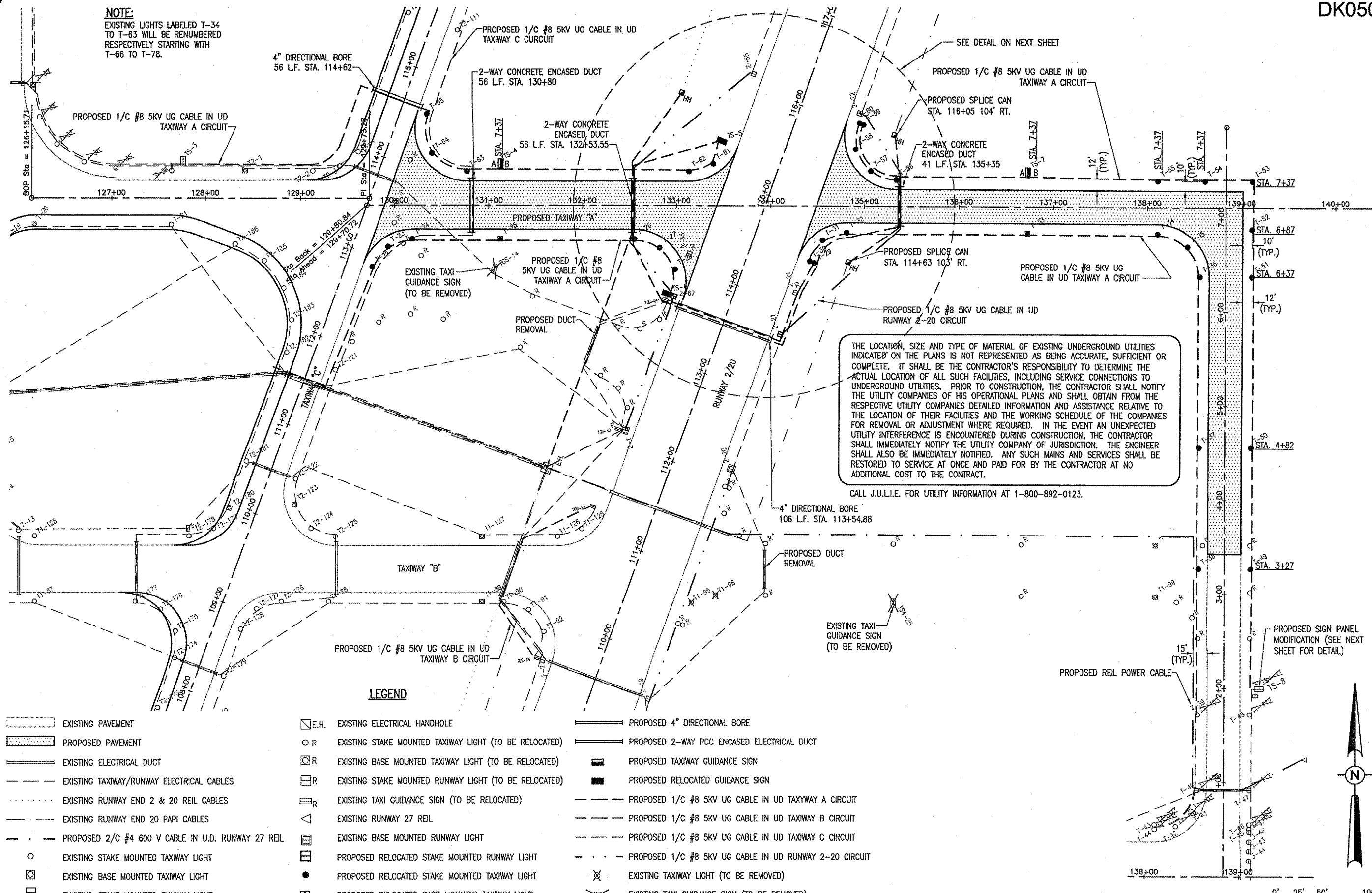


ISE Project No. 803-05TXVA-0800	J.E.O. 01/18/06
Filename: R-141ELE.DWG	DRAWN B.A.K. 01/18/06
Scale 1" = 50'	REVIEWED C.A.H. 03/16/06
Date: 01/18/06	



EXTEND TAXIWAY "A"  
 EXISTING ELECTRICAL PLAN  
 STA. 126+15.71 TO STA. 140+00

NOTE:  
EXISTING LIGHTS LABELED T-34  
TO T-63 WILL BE RENUMBERED  
RESPECTIVELY STARTING WITH  
T-66 TO T-78.

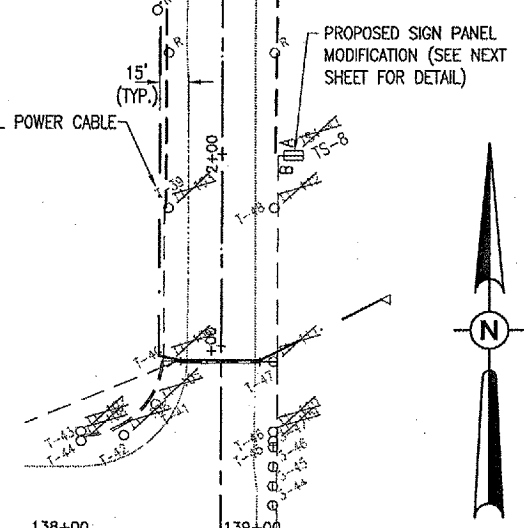


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CALL J.U.L.I.E. FOR UTILITY INFORMATION AT 1-800-892-0123.

LEGEND

- EXISTING PAVEMENT
- PROPOSED PAVEMENT
- EXISTING ELECTRICAL DUCT
- EXISTING TAXIWAY/RUNWAY ELECTRICAL CABLES
- EXISTING RUNWAY END 2 & 20 REIL CABLES
- EXISTING RUNWAY END 20 PAPI CABLES
- PROPOSED 2/C #4 600 V CABLE IN U.D. RUNWAY 27 REIL
- EXISTING STAKE MOUNTED TAXIWAY LIGHT
- EXISTING BASE MOUNTED TAXIWAY LIGHT
- EXISTING STAKE MOUNTED RUNWAY LIGHT
- EXISTING TAXI GUIDANCE SIGN
- E.H. EXISTING ELECTRICAL HANDHOLE
- EXISTING STAKE MOUNTED TAXIWAY LIGHT (TO BE RELOCATED)
- EXISTING BASE MOUNTED TAXIWAY LIGHT (TO BE RELOCATED)
- EXISTING STAKE MOUNTED RUNWAY LIGHT (TO BE RELOCATED)
- EXISTING TAXI GUIDANCE SIGN (TO BE RELOCATED)
- EXISTING RUNWAY 27 REIL
- EXISTING BASE MOUNTED RUNWAY LIGHT
- PROPOSED RELOCATED STAKE MOUNTED RUNWAY LIGHT
- PROPOSED RELOCATED STAKE MOUNTED TAXIWAY LIGHT
- PROPOSED RELOCATED BASE MOUNTED TAXIWAY LIGHT
- PROPOSED SPLICE CAN
- PROPOSED 4" DIRECTIONAL BORE
- PROPOSED 2-WAY PCC ENCASED ELECTRICAL DUCT
- PROPOSED TAXIWAY GUIDANCE SIGN
- PROPOSED RELOCATED GUIDANCE SIGN
- PROPOSED 1/C #8 5KV UG CABLE IN UD TAXIWAY A CIRCUIT
- PROPOSED 1/C #8 5KV UG CABLE IN UD TAXIWAY B CIRCUIT
- PROPOSED 1/C #8 5KV UG CABLE IN UD TAXIWAY C CIRCUIT
- PROPOSED 1/C #8 5KV UG CABLE IN UD RUNWAY 2-20 CIRCUIT
- EXISTING TAXIWAY LIGHT (TO BE REMOVED)
- EXISTING TAXI GUIDANCE SIGN (TO BE REMOVED)



0' 25' 50' 100'  
HALF SIZE SCALE: 1" = 100'  
FULL SIZE SCALE: 1" = 50'

DATE	REVISION	BY



HEB Project No. 803-057XXAD.0800
Drawings R-142ELE.DWG
Scale 1" = 50'
Date 01/18/06
LAYOUT J.E.O. 01/18/06
DRAWN B.A.K. 01/18/06
REVIEWED C.A.H. 03/16/06

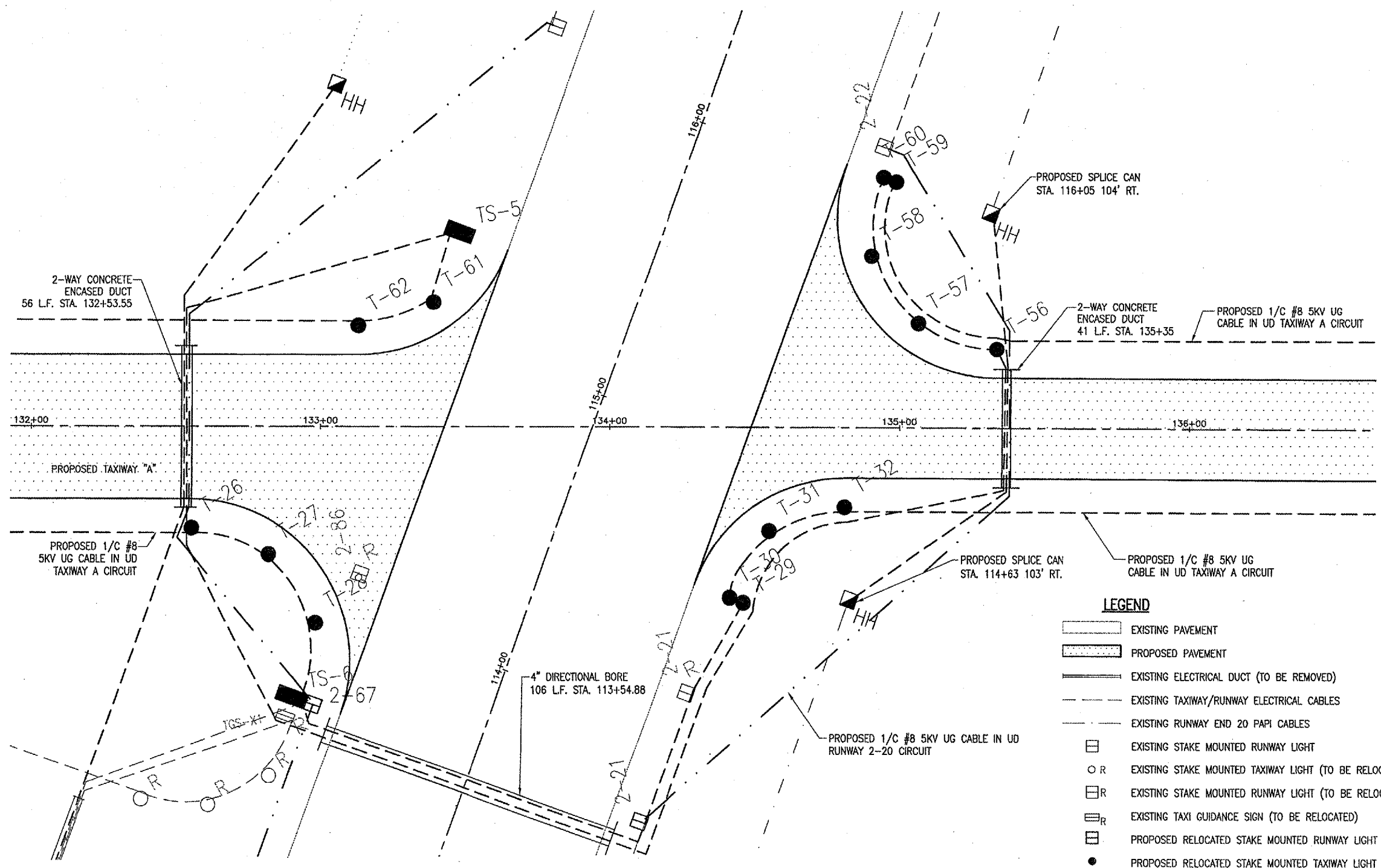


Hanson Professional Services Inc.  
1525 South Sixth Street  
Springfield, Illinois 62703-2886  
Offices Nationwide

EXTEND TAXIWAY "A"  
PROPOSED ELECTRICAL PLAN  
STA. 126+15.71 TO STA. 140+00

APR 13, 2006 2:59 PM BAK  
I:\AIRPORTS\DEKALB\803-057XXAD\AIRPORT\WORKSHEETS\TAXIWAY-A EXT\R-142ELE.DWG - Layout1

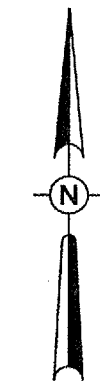




- LEGEND**
- EXISTING PAVEMENT
  - PROPOSED PAVEMENT
  - EXISTING ELECTRICAL DUCT (TO BE REMOVED)
  - EXISTING TAXIWAY/RUNWAY ELECTRICAL CABLES
  - EXISTING RUNWAY END 20 PAPI CABLES
  - EXISTING STAKE MOUNTED RUNWAY LIGHT
  - EXISTING STAKE MOUNTED TAXIWAY LIGHT (TO BE RELOCATED)
  - EXISTING STAKE MOUNTED RUNWAY LIGHT (TO BE RELOCATED)
  - EXISTING TAXI GUIDANCE SIGN (TO BE RELOCATED)
  - PROPOSED RELOCATED STAKE MOUNTED RUNWAY LIGHT
  - PROPOSED RELOCATED STAKE MOUNTED TAXIWAY LIGHT
  - PROPOSED SPLICE CAN
  - PROPOSED 4" DIRECTIONAL BORE
  - PROPOSED 2-WAY PCC ENCASED ELECTRICAL DUCT
  - PROPOSED RELOCATED GUIDANCE SIGN
  - PROPOSED 1/C #8 5KV UG CABLE IN UD TAXIWAY A CIRCUIT
  - PROPOSED 1/C #8 5KV UG CABLE IN UD RUNWAY 2-20 CIRCUIT

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.

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0' 10' 20' 40'  
 HALF SIZE SCALE: 1" = 40'  
 FULL SIZE SCALE: 1" = 20'

APR 13, 2006 3:37 PM BAK I:\AIRPORTS\DEKALB\803-CSTYXA\AIRPORT\SHEETS\TWY-A EXT\R-143ELE.DWG - Intersection

DATE	REVISION	BY

**DIMAX**  
 DEKALB TAYLOR MUNICIPAL AIRPORT  
 A.I.P. PROJ.: 3-17-0139-B42  
 I.L. PROJ.: DK8-3448

REV. Project No. 803-05TXAD_0800	J.E.O.	01/18/06
Drawn: R-143ELE.DWG	B.A.K.	01/18/06
Scale: 1" = 20'	C.A.H.	03/16/06
Date: 01/18/06		

**HANSON**  
 Hanson Professional Services Inc.  
 4525 South Sixth Street  
 Springfield, Illinois 62703-2866  
 Offices Nationwide

EXTEND  
 TAXIWAY "A"  
 PROPOSED  
 INTERSECTION DETAIL

GUIDANCE SIGN DATA				
EXISTING SIGN NUMBERS	PROPOSED SIGN NUMBERS	LOCATION	PROPOSED	
			SIDE A	SIDE B
N/A	TS-4	STA 131+09	A 20-2	A RAMP ↑
N/A	TS-7	STA 136+76.5	A 27 →	A 20-2
TS4-41	TS-8	TAXIWAY A1	A1 27 *	A1 BLANK *

\* SEE MODIFY SIGN PANEL NOTE.

**LEGEND**

- A** L-858L, LOCATION SIGN (YELLOW LEGEND AND BORDER ON A BLACK BACKGROUND)
- 27 →** L-858Y, DIRECTION SIGN (BLACK LEGEND ON A YELLOW BACKGROUND)
- 20-2** L-858R, MANDATORY SIGN (WHITE LEGEND ON A RED BACKGROUND)

**DUCT NOTE:**

THE CONTRACTOR WILL INSTALL THE PROPOSED DUCT AT THE LOCATIONS SHOWN ON THE PLANS AND IN ACCORDANCE WITH THE DETAILS AND THE SPECIFICATIONS. THE CONTRACTOR WILL SET THE TOP ELEVATION OF THE CONCRETE DUCT TO PROVIDE FOR THE INSTALLATION OF THE UNDERDRAIN.

THE PROPOSED DUCTS WILL BE PAID FOR UNDER ITEM:  
AR110502 "2-WAY CONCRETE ENCASED DUCT" \_\_\_\_\_ 153 L.F.

**DUCT REMOVAL NOTE:**

TWO DUCTS (41 L.F. EACH) WILL BE EXCAVATED AND REMOVED FROM THE AIRPORT AS PART OF THIS PAY ITEM. THE CONTRACTOR WILL FILL THE HOLE IF BELOW FINISHED GRADE AND COMPACT TO PREVENT FUTURE SETTLEMENT. THE CONTRACTOR MUST HAVE ALL ACTIVE TAXIWAY/RUNWAY CIRCUITS IN WORKING ORDER EITHER BY JUMPER OR PROPOSED CABLING BEFORE THESE DUCTS WILL BE REMOVED. EXCAVATION, REMOVAL AND DISPOSAL OF THE EXISTING CONCRETE DUCT WILL BE PAID FOR UNDER ITEM:

AR110900 "REMOVE DUCT" \_\_\_\_\_ 82 L.F.

**LIGHT RELOCATION NOTE**

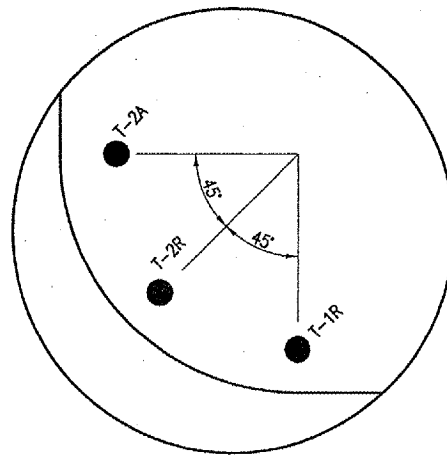
THE EXISTING LIGHTS MARKED FOR RELOCATION WILL BE RELOCATED TO THE LOCATION SHOWN ON THIS SHEET. THIS WILL BE PAID FOR UNDER:  
AR125961 RELOCATE STAKE MOUNTED LIGHT \_\_\_\_\_ 34 EACH  
AR125962 RELOCATE BASE MOUNTED LIGHT \_\_\_\_\_ 2 EACH

THE CABLE USED TO RECONNECT ALL LIGHTING CIRCUITS WILL BE #8 5000 V., 1/C UNDERGROUND CABLE IN UNIT DUCT. THIS WILL BE PAID FOR UNDER:

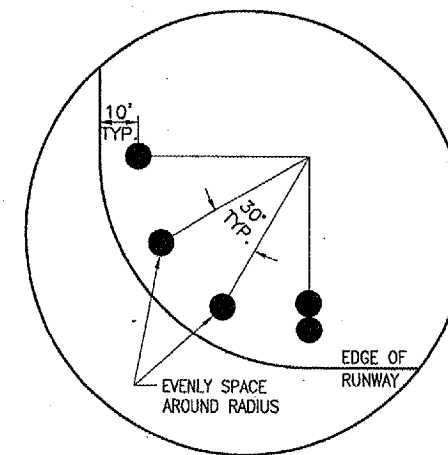
AR108158 1/C #8 5 KV UG CABLE IN UD \_\_\_\_\_ 6,092 L.F.

THE CABLE USED TO CONNECT THE REIL AND PAPI CIRCUITS WILL BE 2/C #4 600 V UNDERGROUND CABLE IN UNIT DUCT AND WILL BE PAID FOR UNDER:

AR108554 2/C #4 600V UG CABLE IN UD \_\_\_\_\_ 1,091 L.F.



**DETAIL "A"**  
"NOT TO SCALE"



**DETAIL "B"**  
"NOT TO SCALE"

**LIGHT/SIGN REMOVAL NOTES**

ALL EXISTING TAXIWAY LIGHTS AND SIGNS THAT ARE DESIGNATED FOR REMOVAL WITH AN "X" WILL BE REMOVED. THE LIGHTS, SIGNS AND THEIR ISOLATING TRANSFORMERS WILL BE TURNED OVER TO THE AIRPORT MANAGER. THE LIGHT/SIGN STAKES AND BASES WILL BE REMOVED AND DISPOSED OF OFF THE AIRPORT SITE AT THE CONTRACTOR'S OWN EXPENSE.

THE HOLE LEFT FROM THE LIGHT/SIGN REMOVAL WILL BE FILLED IN WITH EARTH AND COMPACTED TO PREVENT FUTURE SETTLEMENT. THE DISTURBED AREAS WILL BE FERTILIZED AND SEEDED IN ACCORDANCE WITH THE SPECIAL PROVISIONS.

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

REMOVAL OF THE EXISTING LIGHTS, SIGNS AND ISOLATING TRANSFORMERS WILL BE PAID FOR UNDER ITEMS:

- AR125901 "REMOVE STAKE MOUNTED LIGHT" \_\_\_\_\_ 2 EACH
- AR125902 "REMOVE BASE MOUNTED LIGHT" \_\_\_\_\_ 1 EACH
- AR125904 "REMOVE TAXI GUIDANCE SIGN" \_\_\_\_\_ 2 EACH.

**MODIFY SIGN PANEL NOTE**

THE TAXI GUIDANCE SIGN LABELED TS4-41 AS SHOWN ON THE PREVIOUS SHEET SHALL HAVE THE SIGN PANELS REMOVED AND REPLACED AS DETAILED ON THIS SHEET. THERE ARE TWO EXISTING SIGN PANELS ON THIS SIGN THAT READS "B4". THESE SIGN PANELS WILL BE REPLACED WITH SIGN PANELS THAT READ "A1". THE SIGN PANEL WILL BE DESIGNATED AS A LOCATION SIGN, THEREFORE THESE SIGNS HAVE YELLOW INSCRIPTIONS ON A BLACK BACKGROUND WITH A YELLOW BORDER.

THE CONTRACTOR WILL VERIFY THE SIGN MANUFACTURER. THE CONTRACTOR WILL REMOVE THE EXISTING SIGN PANELS AND TURN THEM OVER TO THE AIRPORT. THE CONTRACTOR WILL FURNISH AND INSTALL THE NEW SIGN PANELS FOR THE SIGN. THE SIGN PANELS TO BE REPLACED WILL BE PAID FOR UNDER ITEM:





AR125470 MODIFY EXISTING SIGN PANEL \_\_\_\_\_ 1 EACH.

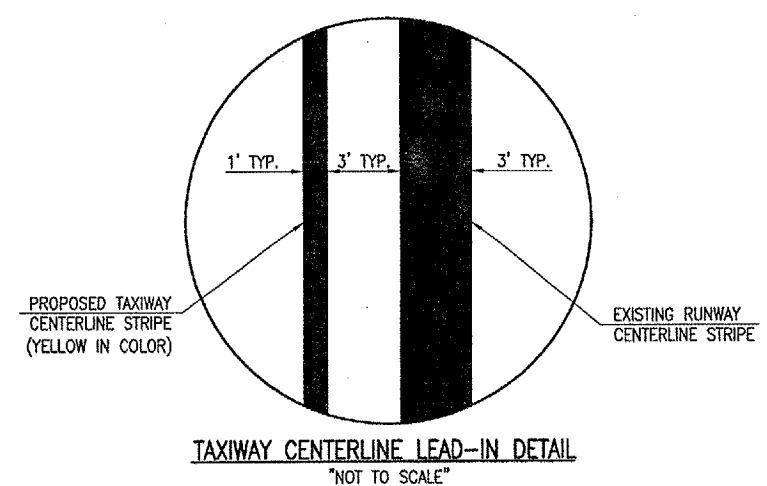
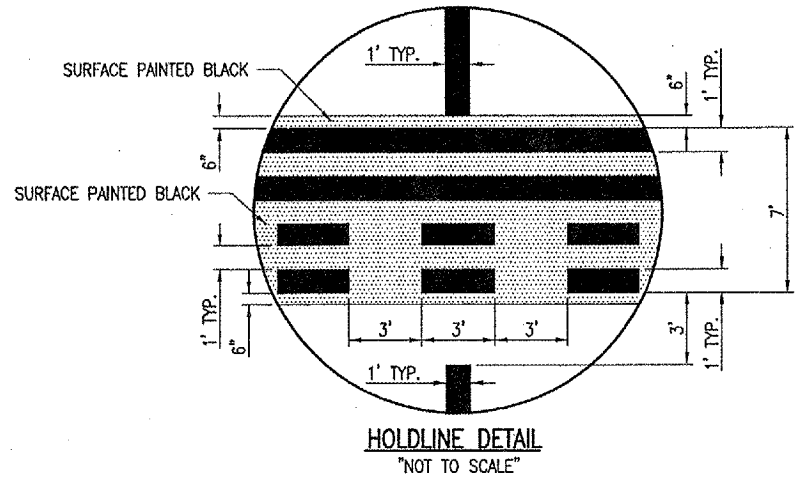
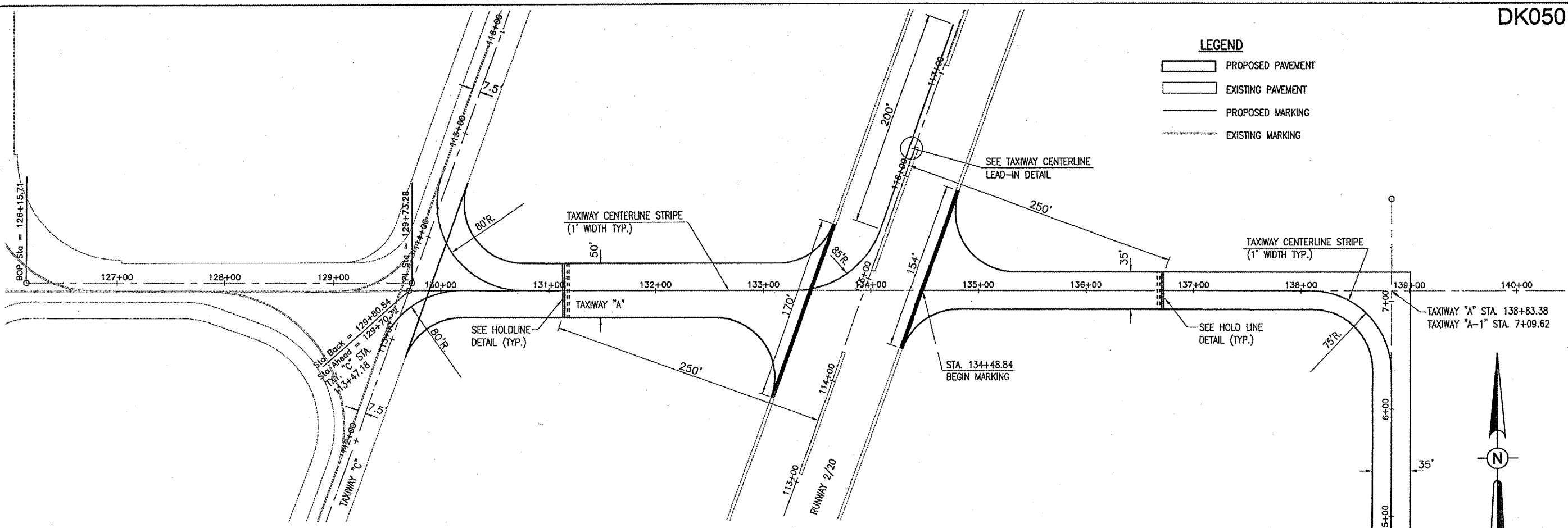
APR 13, 2006 10:01 AM CAH I:\AIRPORTS\DEKALB\803-05TXAY\AIRPORT\SHEETS\TWY-A EXT-R-142ELE.DWG - DETAILS

BY		REVISION		DATE	
<b>DEKALB TAYLOR MUNICIPAL AIRPORT</b> <small>ILL. PROJ.: DK9-3448 A.I.P. PROJ.: 3-17-0139-B42</small>					
IED Project No. 803-05TXAYD-0800 Filename R-142ELE.DWG Scale NOT TO SCALE Date 02/10/06	LAYOUT K.D.M. 02/10/06 DRAWN M.D.R. 02/10/06 REVIEWED C.A.H. 02/22/06	Hanson Professional Services, Inc. 1545 S. Illinois Springfield, Illinois 62703-2888 Offices Nationwide			
EXTEND TAXIWAY "A"		PROPOSED ELECTRICAL DETAILS			
84					
84 of 224 sheets					

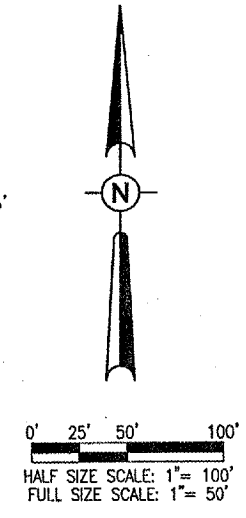


**LEGEND**

-  PROPOSED PAVEMENT
-  EXISTING PAVEMENT
-  PROPOSED MARKING
-  EXISTING MARKING



MARKING QUANTITIES			
DESCRIPTION	UNIT AREA (YELLOW)	UNIT AREA (WHITE)	UNIT AREA (BLACK)
TAXIWAY A CENTERLINE	1,943		
RUNWAY EDGE STRIPES		972	
HOLDLINE (50')	150		250
HOLDLINE (35')	105		175
HOLDLINE REMARK (35')	105		175
<b>TOTAL YELLOW MARKING</b>	<b>2,303</b>		
<b>TOTAL WHITE MARKING</b>		<b>972</b>	
<b>TOTAL BLACK MARKING</b>			<b>600</b>



**MARKING NOTES (TAXIWAY A)**

THE TAXIWAY CENTERLINE STRIPES, HOLDING LINES, AND LEAD-INS WILL BE SOLID AND YELLOW IN COLOR.

ALL PROPOSED MARKING WILL BE LOCATED AS SHOWN ON THE PROPOSED MARKING PLAN. ALL PROPOSED MARKING "PAVEMENT MARKING-WATERBORNE" WILL BE APPLIED WITH A REFLECTIVE MEDIA IN ACCORDANCE WITH THE SPECIFICATIONS.

ALL PROPOSED MARKING WILL BE PAID FOR UNDER ITEMS:  
 AR620520 "PAVEMENT MARKING-WATERBORNE" \_\_\_\_\_ PER SQ. FT.  
 AR620525 "PAVEMENT MARKING-BLACK BORDER" \_\_\_\_\_ PER SQ. FT.

THE TAXIWAY HOLD LINES SHALL BE AS SHOWN IN THE DETAIL ON THIS SHEET.

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

**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 THE CONSTRUCTION PLANS.

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 \_\_\_\_\_ 46 S.F.

DATE	REVISION	BY

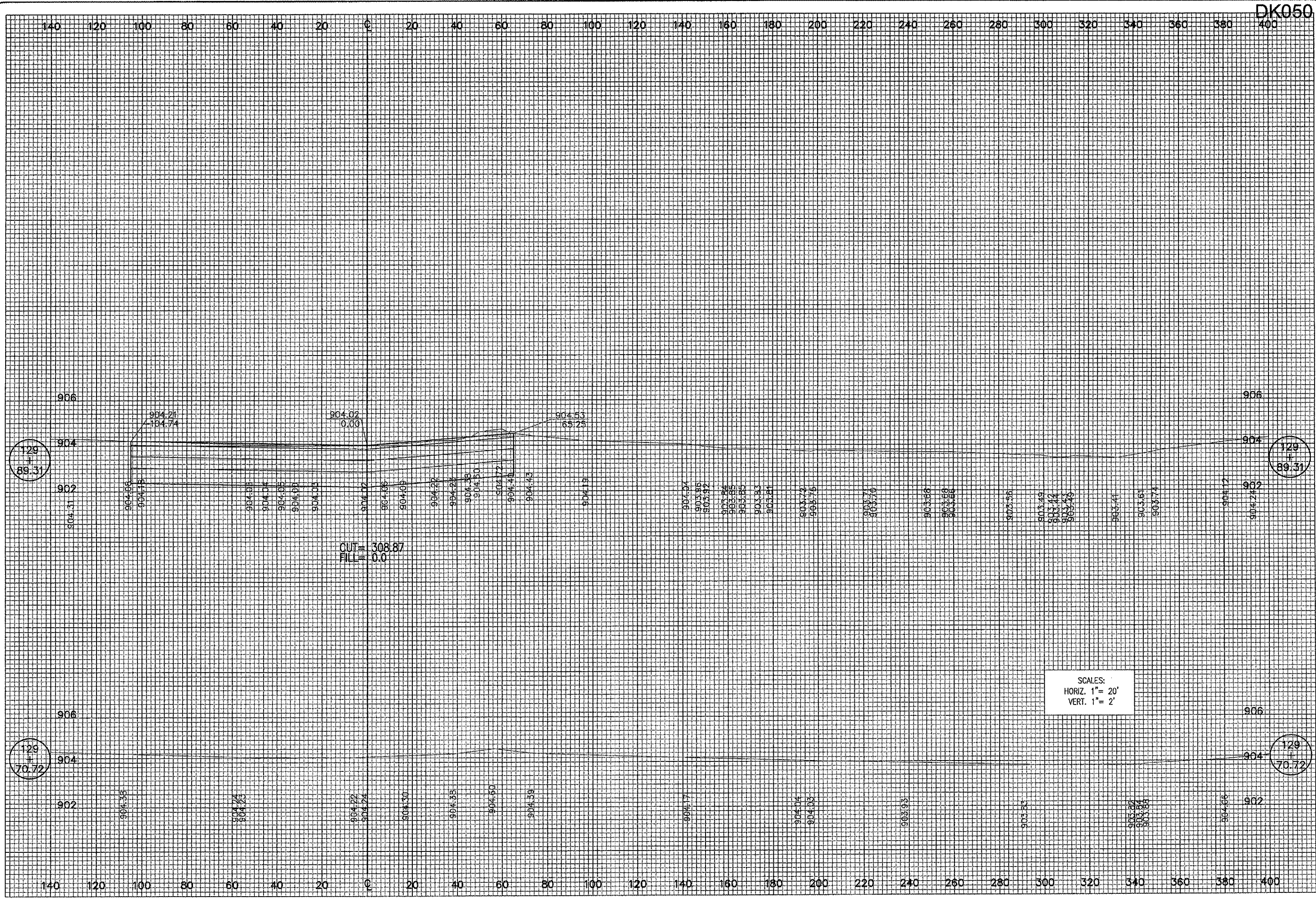
**DIMAX**  
 DEKALB TAYLOR MUNICIPAL AIRPORT  
 ILL. PROJ.: DK050-3448 A.I.P. PROJ.: 3-17-0139-B42

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Filename: R-151MRK.DWG	DRAWN	B.A.K.	01/18/06
Scale: 1" = 50'	REVIEWED	C.A.H.	03/16/06
Date: 01/18/06			

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 1525 South State Street  
 Springfield, IL 62766  
 Phone: 217-244-8886  
 Offices Nationwide

EXTEND TAXIWAY "A"  
 PROPOSED MARKING PLAN FOR TAXIWAY "A"

APR 05, 2006 9:40 AM BAK I:\AIRPORTS\DEKALB\803-05TXAD\AIRPORT\SHEETS\TAXIWAY-A-EXT\TAXIWAY-A-EXT-151MRK.DWG - Layout1



DATE	REVISION	BY

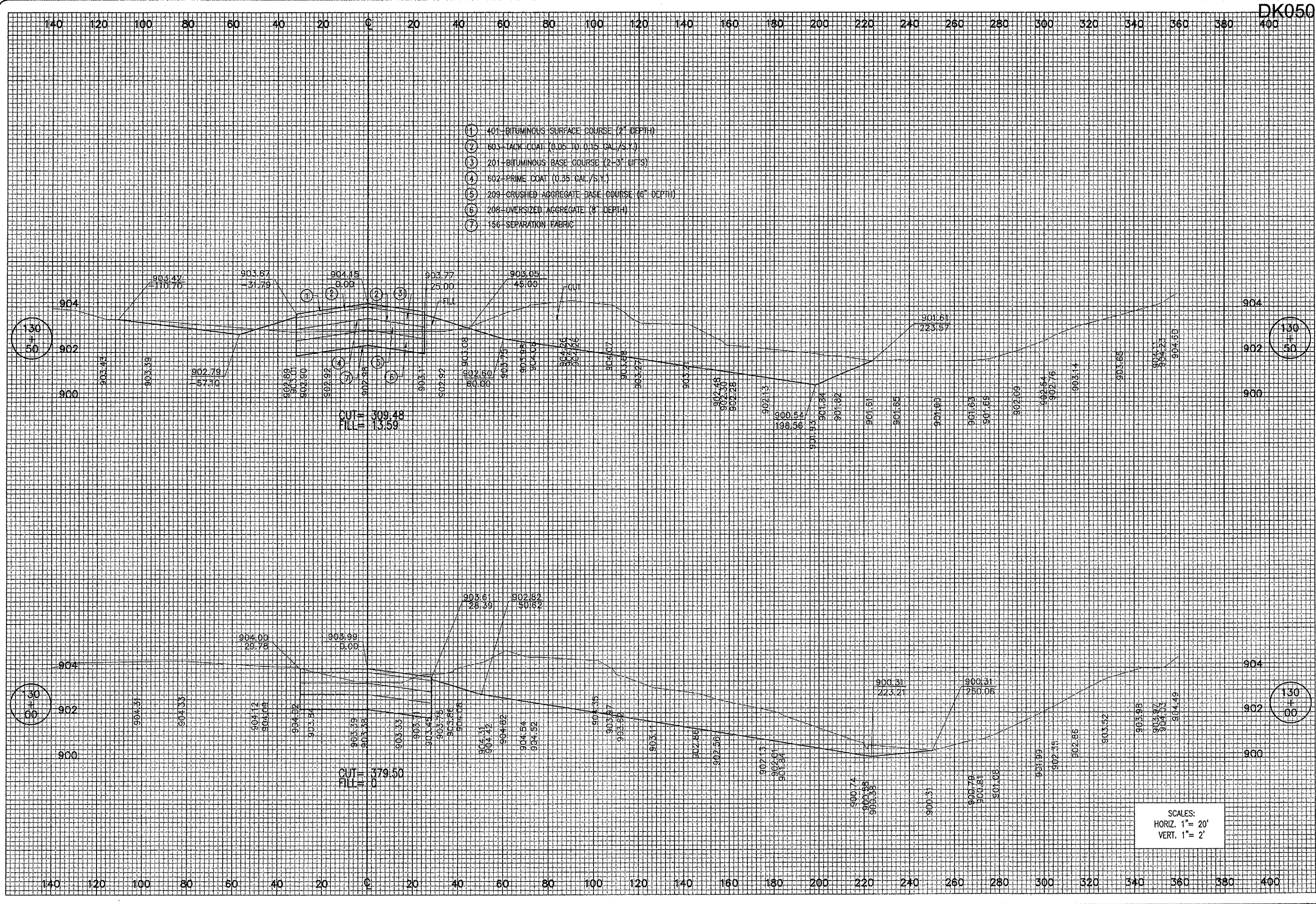
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 I.L. PROJ.: DK8-3448 A.I.P. PROJ.: 3-17-0139-842

FILE PROJECT NO. 803-05TXVA0800	DATE: 02/15/06
FILE NAME: R-301-TXVA.DWG	
SCALE: H. 1"=20' V. 1"=2'	
DATE: 02/15/06	
LAYOUT MDR 02/15/06	
DRANN MDR 02/15/06	
REVIEWED CAH 03/06/06	

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EXTEND TAXIWAY "A"  
 PROPOSED CROSS-SECTIONS FOR TAXIWAY "A"  
 STA. 129+70.72 TO STA. 129+89.31





DK050

DATE	REVISION	BY



**DEKALB TAYLOR MUNICIPAL AIRPORT**

ILL. PROJ.: DK8-3448 A.I.P. PROJ.: 3-17-0139-042

HET Project No. 803-05TXVA.DWG File Name R-302-TXVA.DWG Scale H. 1"=20' V. 1"=2' Date 02/15/06	LAYOUT MDR 02/15/06 DRAWN MDR 02/15/06 REVIEWED CAH 03/06/06
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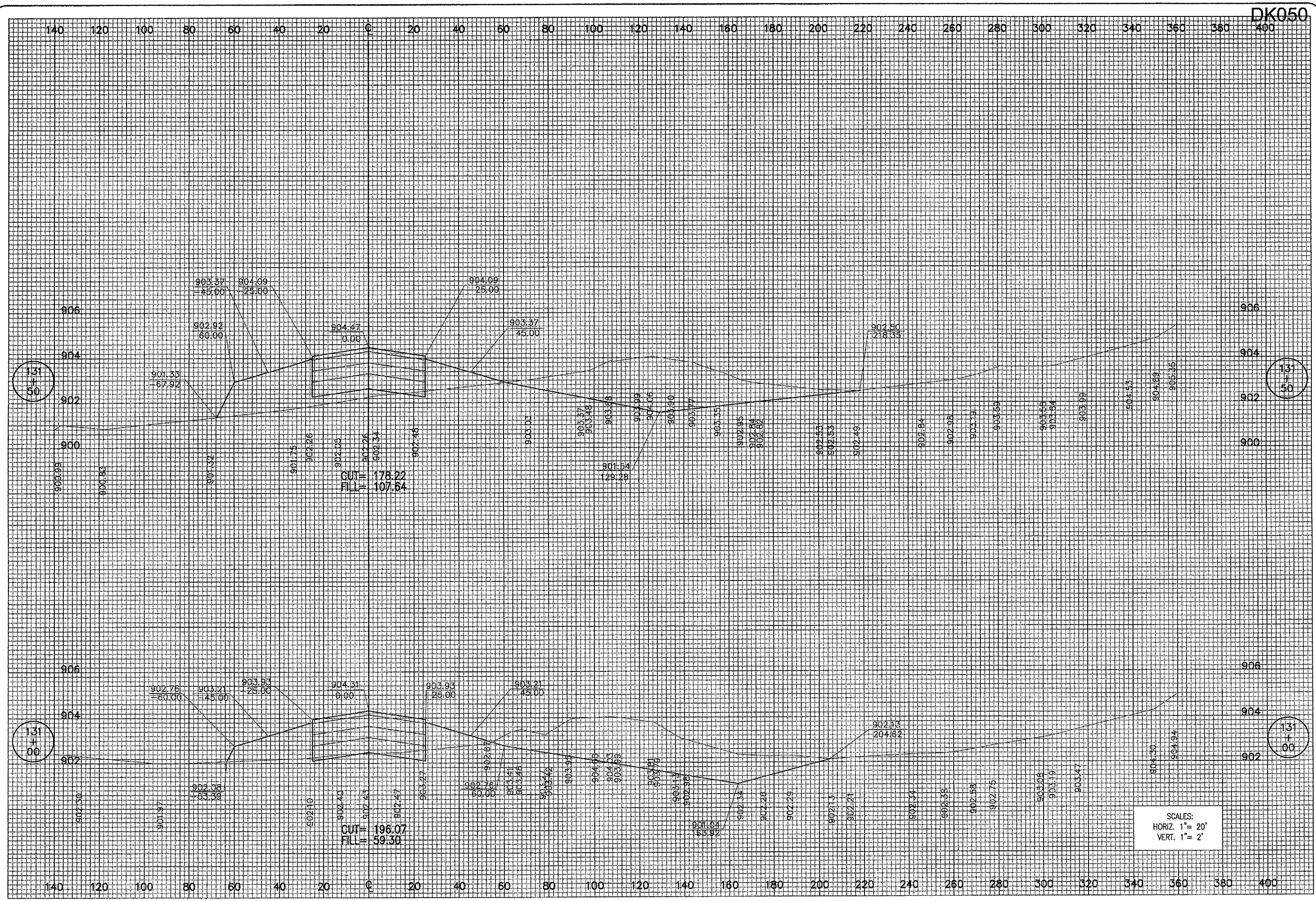
Hanson Professional Services Inc.  
 1626 South Sixth Street  
 Springfield, Illinois 62703-2806  
 Offices Nationwide

EXTEND TAXIWAY "A"  
 PROPOSED CROSS-SECTIONS FOR TAXIWAY "A" FOR STA. 130+00 TO STA. 130+50

SCALES:  
 HORIZ. 1" = 20'  
 VERT. 1" = 2'



APR 05 2006 10:25 AM BAK  
 I:\AIRPORTS\DEKALB\803-05TXA\AIRPORT SHEETS\TWY-A EXT\TX-A-XS\R-303-TXA.DWG - Layout1



SCALES:  
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DATE	REVISION	BY

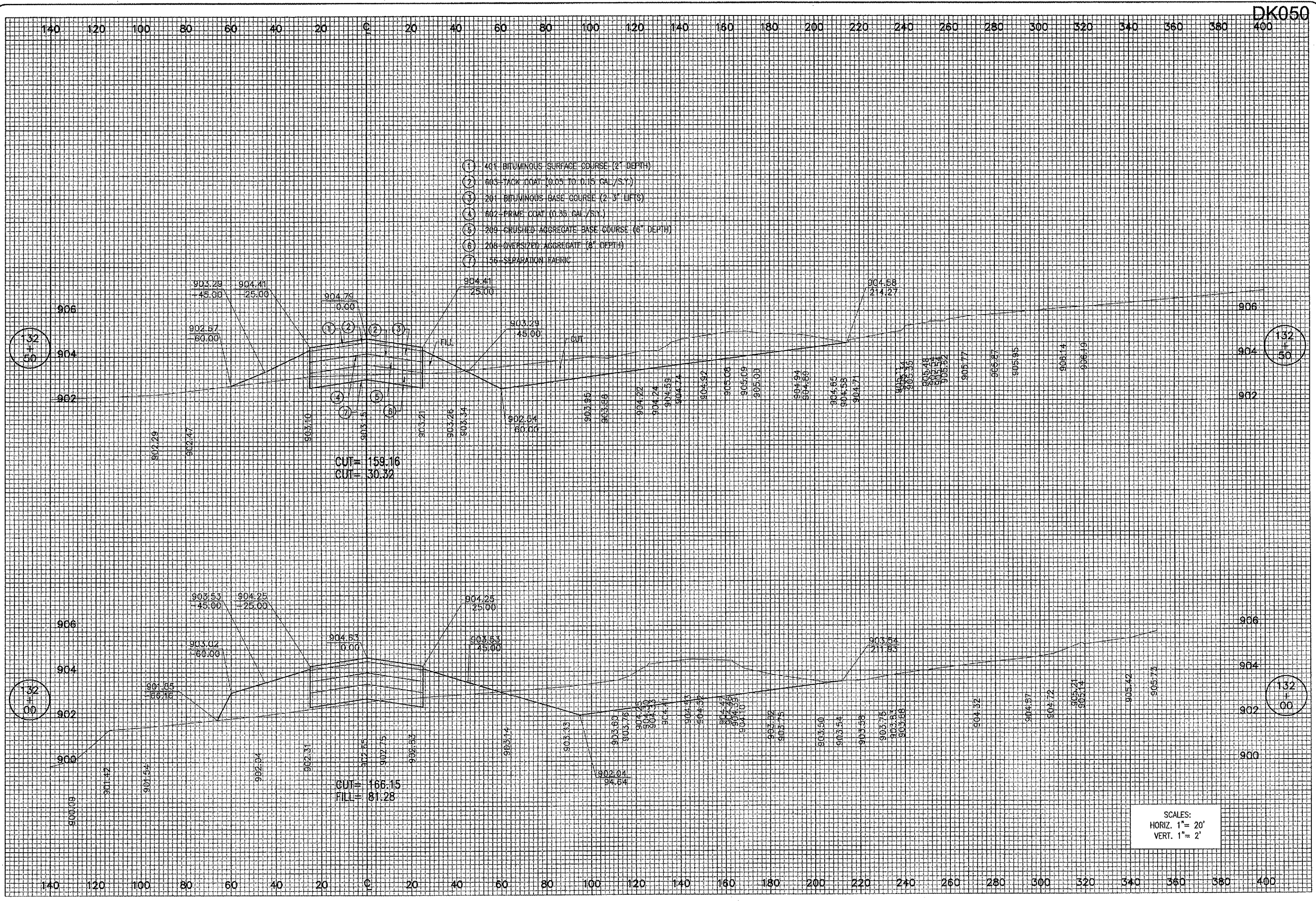
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 I.L. PROJ.: DK8-3448 A.I.P. PROJ.: J-17-0139-B42

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Revision R-303-TXA.DWG	
Scale H. 1"=20' V. 1"=2'	
Date 02/15/06	
LAYOUT MDR 02/15/06	
DRAWN MDR 02/15/06	
REVIEWED CAH 03/06/06	

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EXTEND  
 TAXIWAY "A"  
 PROPOSED CROSS-SECTIONS  
 FOR TAXIWAY "A"  
 STA. 131+00 TO STA. 131+50





DATE	REVISION	BY

**DIMAX**  
 DEKALB TAYLOR MUNICIPAL AIRPORT  
 I.L. PROJ.: DK0-348 A.I.P. PROJ.: 3-17-0139-B42

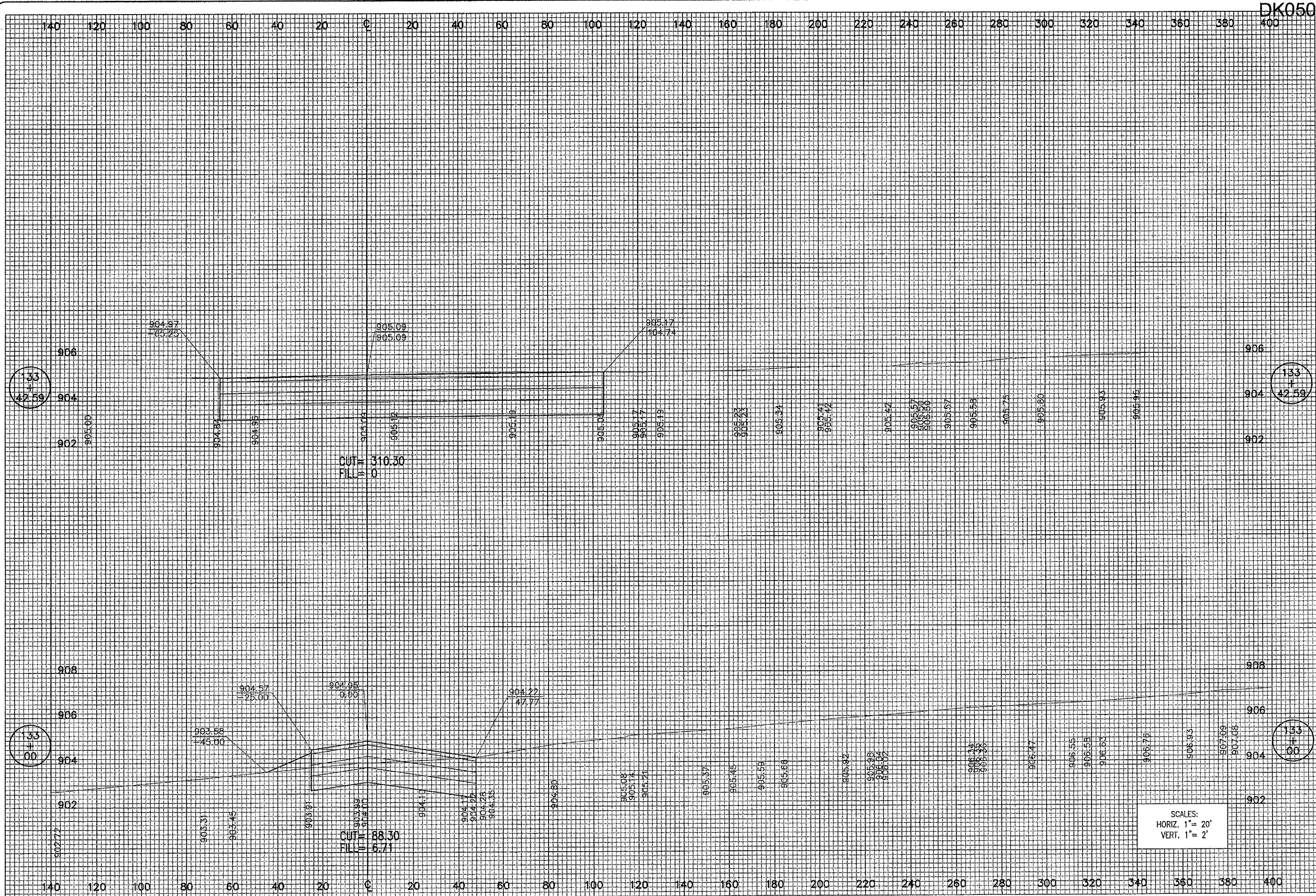
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 Date: 02/16/06

LAYOUT	MDR	02/16/06
DRAWN	MDR	02/16/06
REVIEWED	CAH	03/06/06

**HANSON**  
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EXTEND TAXIWAY "A"  
 PROPOSED CROSS-SECTIONS FOR TAXIWAY "A"  
 STA. 132+00 TO STA. 132+50





DK050

DATE	REVISION	BY



**DEKALB TAYLOR MUNICIPAL AIRPORT**  
 A.I.P. PROJ.: 3-17-0139-B42  
 I.L. PROJ.: DK3-348

I.L. Project No. 803-05TXVA.DWG Filename: R-305-TXVA.DWG Scale: H. 1"=20' V. 1"=2' Date: 02/16/06		
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REVIEWED	CAH	03/06/06

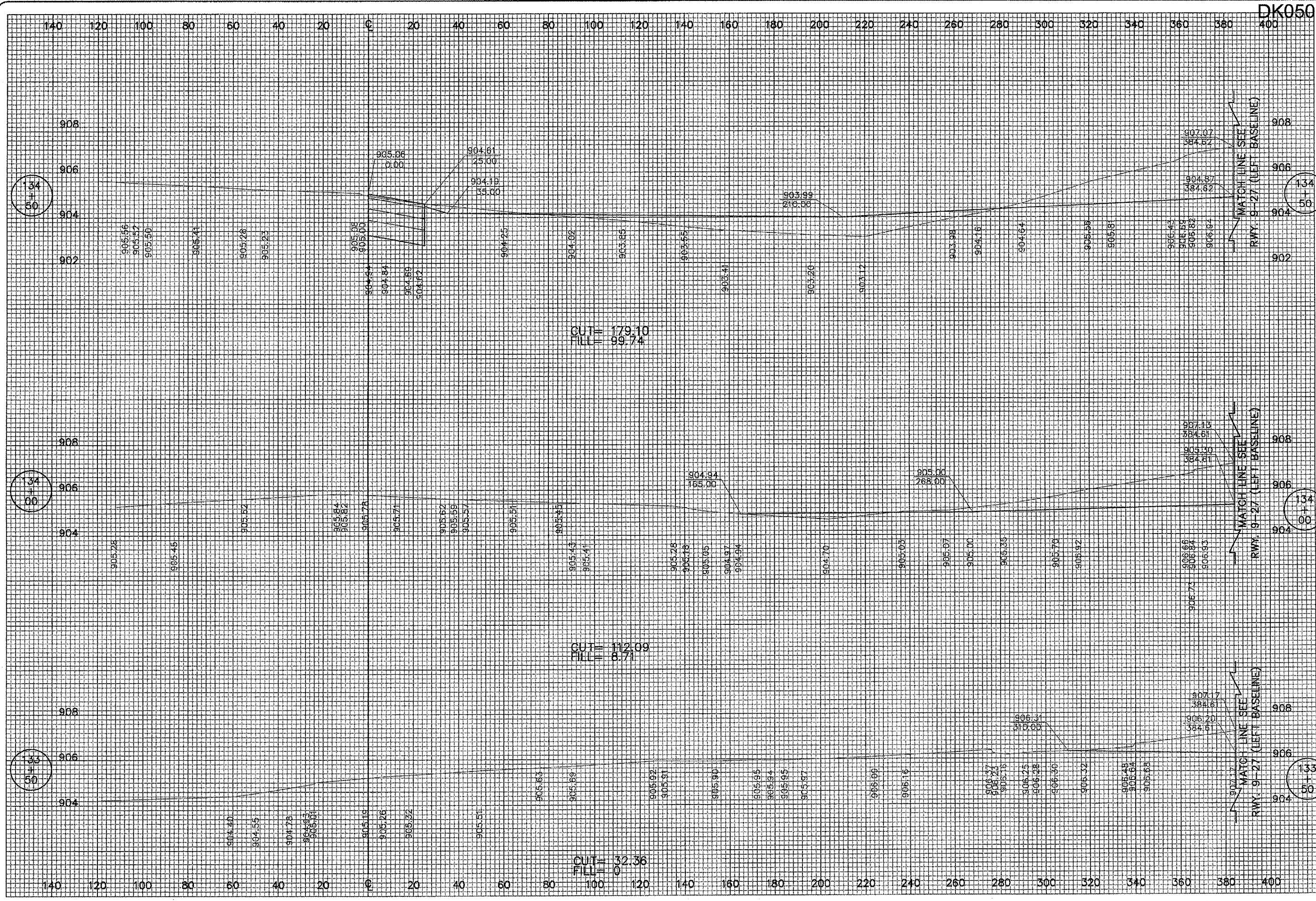


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**EXTEND TAXIWAY "A"**  
**PROPOSED CROSS-SECTIONS FOR TAXIWAY "A"**  
 STA. 133+00 TO STA. 133+42.59

**90**





133+50

134+00

134+50

DATE	REVISION	BY

**DIMA**  
 DEKALB TAYLOR MUNICIPAL AIRPORT  
 I.L. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

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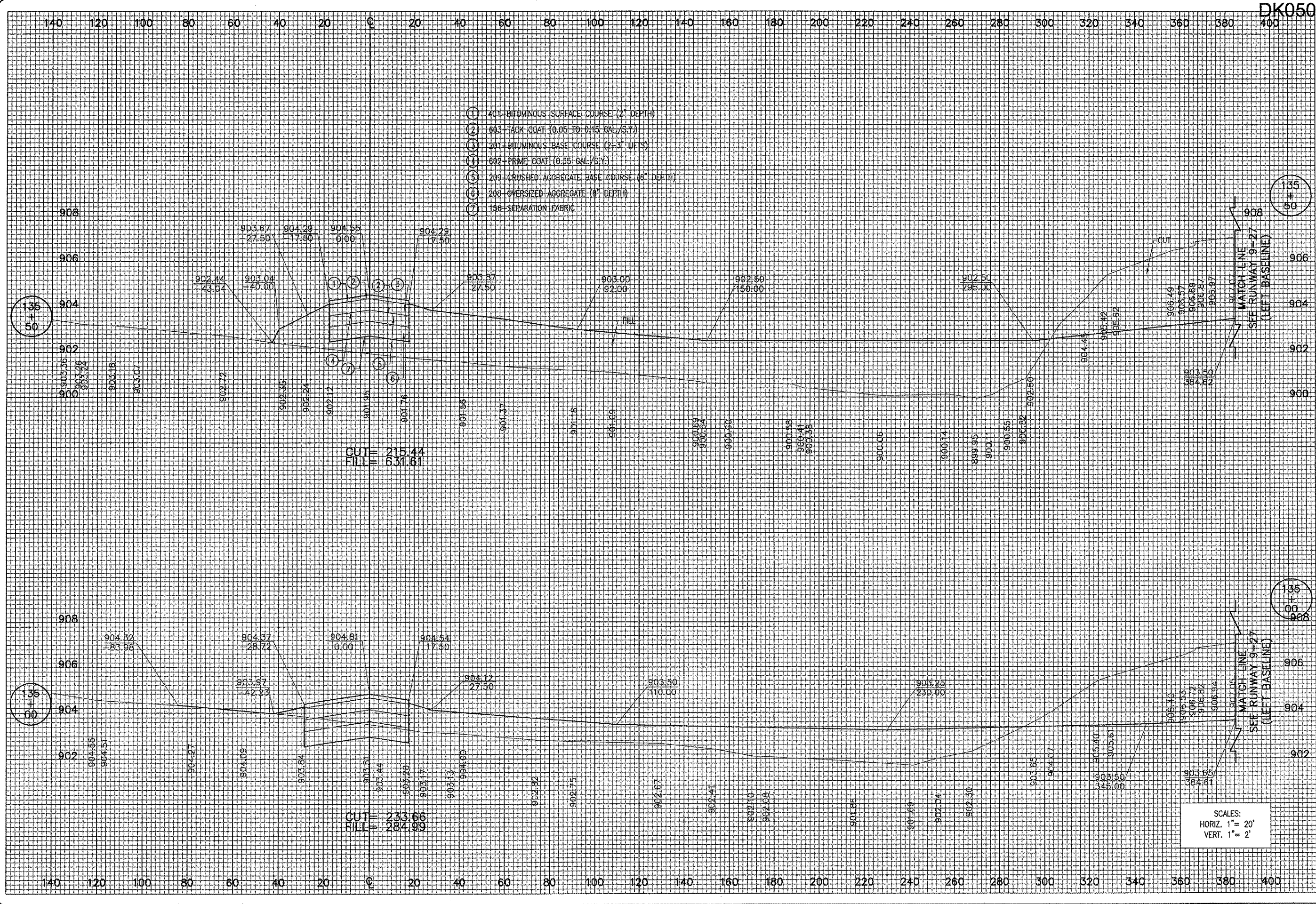
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DRAWN	JEO	02/13/06
REVIEWED	CAH	03/16/06

**HANSON**  
 Hanson Professional Services Inc.  
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EXTEND  
 TAXIWAY "A"  
 PROPOSED CROSS-SECTIONS  
 FOR TAXIWAY "A"  
 STA. 133+50 TO STA. 134+50



APR 05, 2008 11:02 AM BAK  
 I:\AIRPORTS\DEKALB\B03-05TXVA\AIRPORT\SHEETS\TWY-A EXT\TXVA-A-XS\R-308-TXVA.DWG - Layout1



SCALES:  
 HORIZ. 1" = 20'  
 VERT. 1" = 2'

DATE	REVISION	BY

**DTMAX**  
 DEKALB TAYLOR MUNICIPAL AIRPORT  
 I.L. PROJ.: DK8-3448 A.I.P. PROJ.: 3-17-01-39-842

HEL Project No. 803-05TXVA 0800  
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REVIEWED	CAH	03/06/06

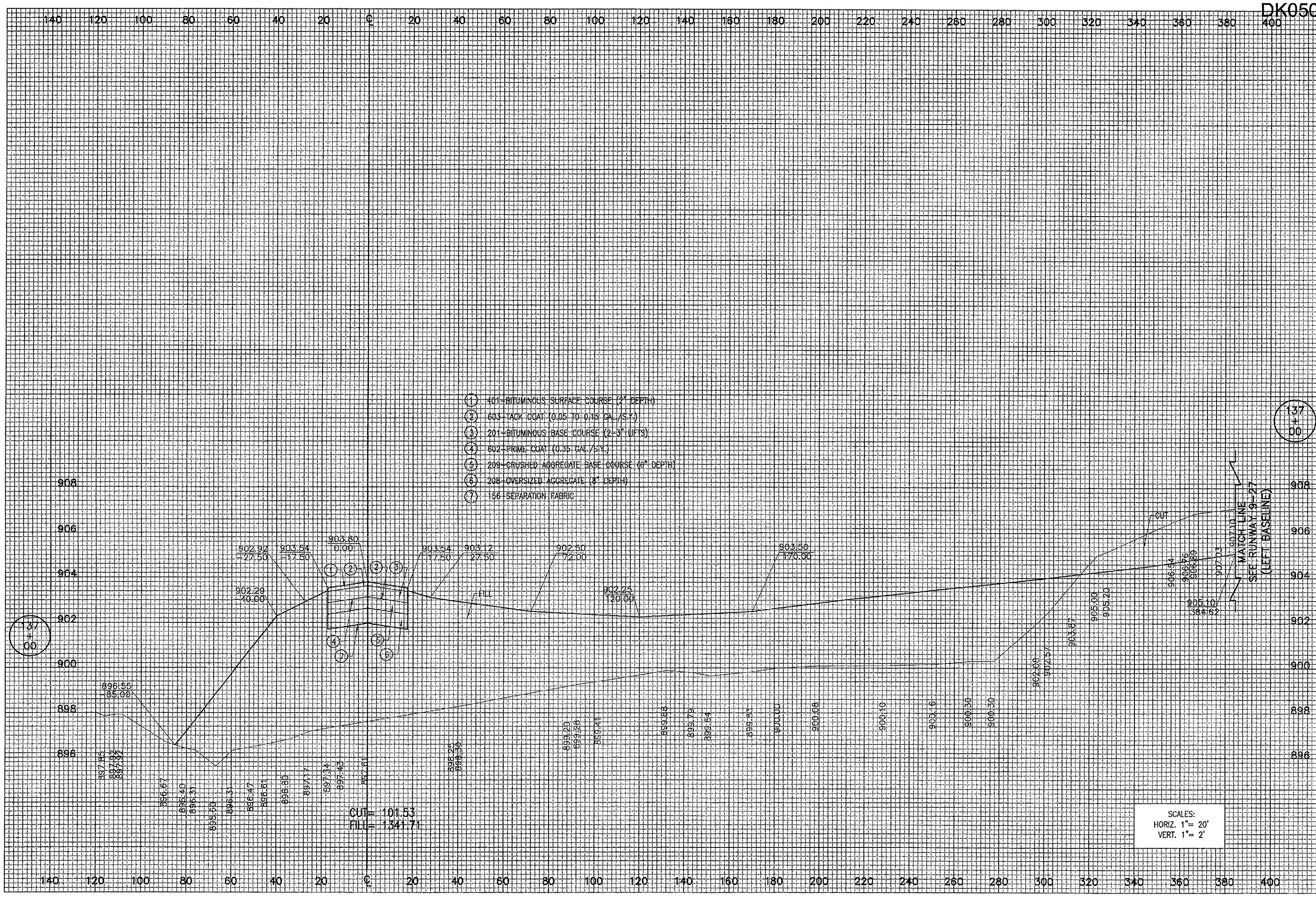
**HANSON**  
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 Springfield, Illinois 62703-2886  
 Offices Nationwide

EXTEND TAXIWAY "A"  
 PROPOSED CROSS-SECTIONS FOR TAXIWAY "A"  
 STA. 135+00 TO STA. 135+50









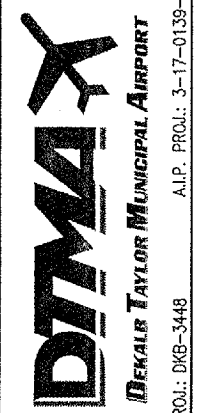
- ① 401-BITUMINOUS SURFACE COURSE (2" DEPTH)
- ② 603-TACK COAT (0.05 TO 0.15 GAL/ASY)
- ③ 201-BITUMINOUS BASE COURSE (2-3" LIFTS)
- ④ 602-PRIME COAT (0.35 GAL/ASY)
- ⑤ 209-CRUSHED AGGREGATE BASE COURSE (6" DEPTH)
- ⑥ 208-OVERSIZED AGGREGATE (3" DEPTH)
- ⑦ 156-SEPARATION FABRIC

CUT = 101.53  
 FILL = 1341.71

SCALES:  
 HORIZ. 1" = 20'  
 VERT. 1" = 2'

137  
+  
00

DATE	REVISION	BY



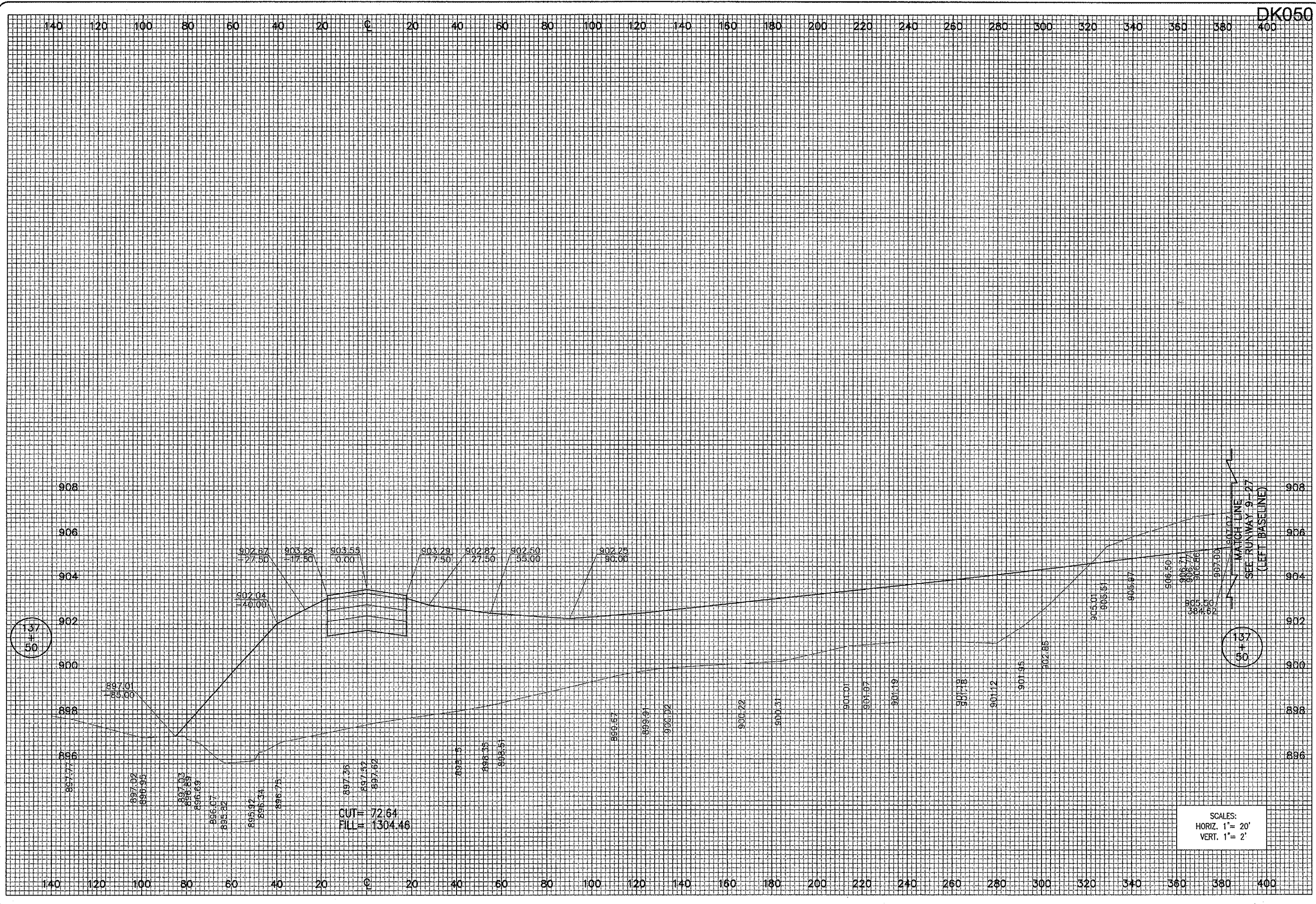
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Drawn R-310-TXXA.DWG	DATE 02/14/06
Scale H. 1" = 20' V. 1" = 2'	DATE 02/14/06
DATE 02/14/06	DATE 02/14/06
LAYOUT MDR	REVIEWED CAH
DRAWN MDR	



EXTEND  
 TAXIWAY "A"  
 PROPOSED CROSS-SECTIONS  
 FOR TAXIWAY "A"  
 STA. 137+00



APR 05, 2008 11:53 AM BAK  
 I:\AIRPORTS\DEKALB\803-05TXA\AIRPORT\SHEETS\TAXY-A EXT\TX-A-XS\A-R-311-TXAX.DWG - Layout1



DK050

DATE	REVISION	BY



IL PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

HE Project No. 803-05TXAD\_0800  
 Filename: R-311-TXAX.DWG  
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 Date: 02/14/06

LAYOUT	MDR	02/14/06
DRAWN	MDR	02/14/06
REVIEWED	CAH	03/06/06



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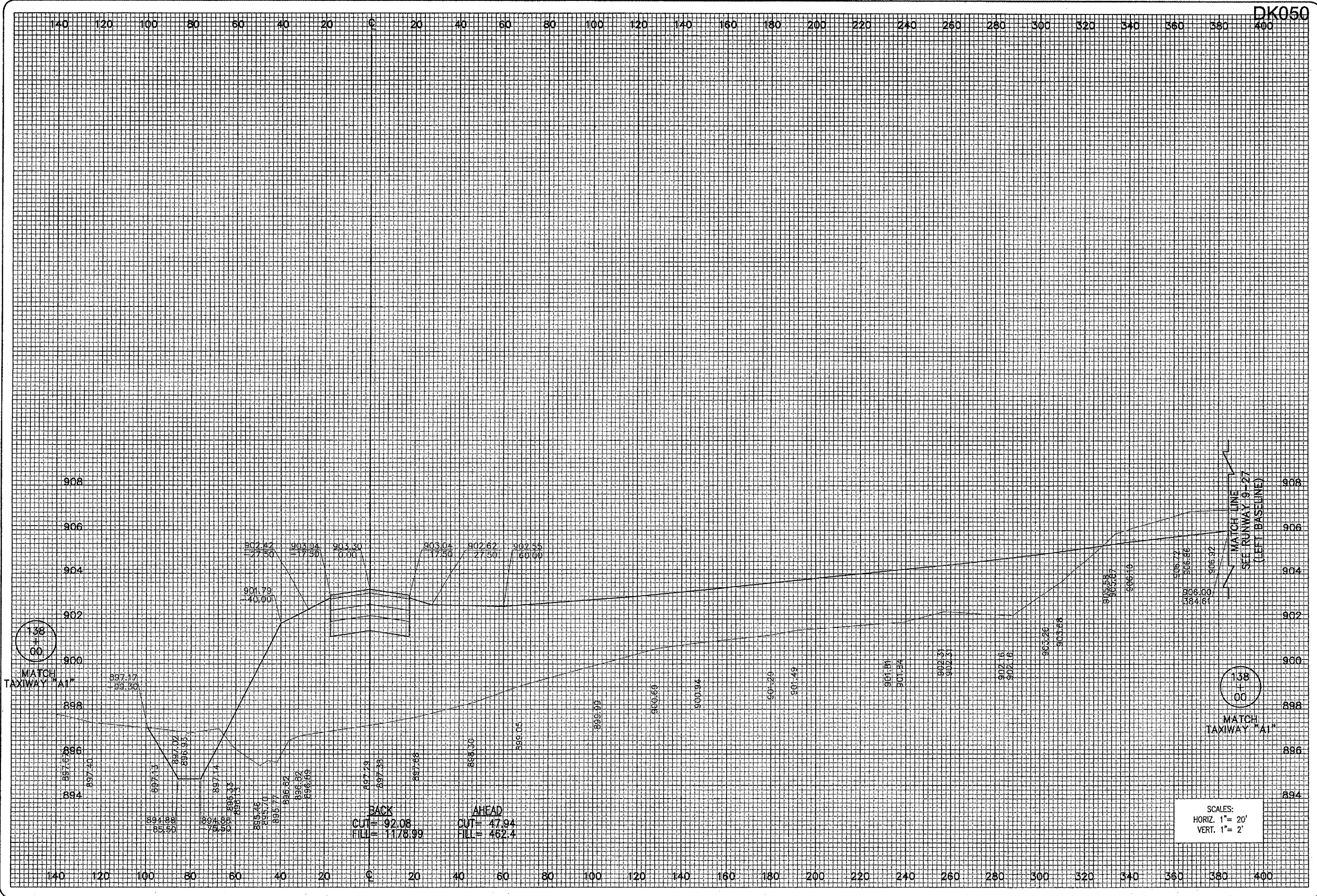
EXTEND  
 TAXIWAY "A"  
 PROPOSED CROSS-SECTIONS  
 FOR TAXIWAY "A"  
 STA. 137+50

95

95 of 224 sheets



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SCALES:  
 HORIZ. 1" = 20'  
 VERT. 1" = 2'

DATE	REVISION	BY

**DIMA**  
**DEKALB TAYLOR MUNICIPAL AIRPORT**  
 I.L. PROJ.: DK8-3448 A.I.P. PROJ.: 3-17-0139-B42

Project No.	803-05TXVA-0800
Filename	R-312-TXVA.DWG
Scale	H. 1" = 20' V. 1" = 2'
Date	02/14/06
LAYOUT	MDR 02/14/06
DRAWN	MDR 02/14/06
REVIEWED	CAH 02/22/06

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EXTEND  
 TAXIWAY "A"  
 PROPOSED CROSS-SECTIONS  
 FOR TAXIWAY "A"  
 STA. 138+00

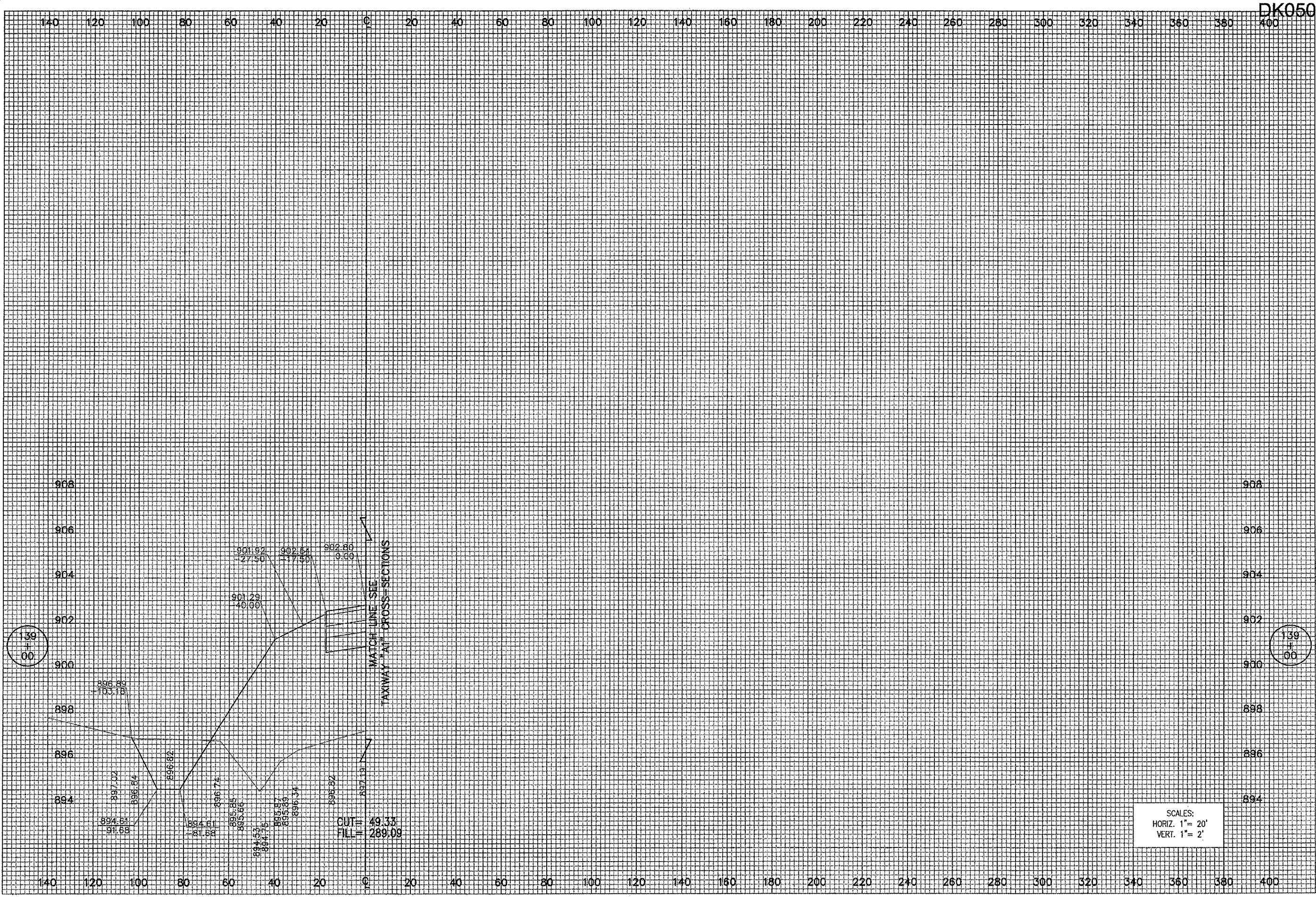






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DK050



SCALES:  
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 VERT. 1" = 2'

DATE	REVISION	BY



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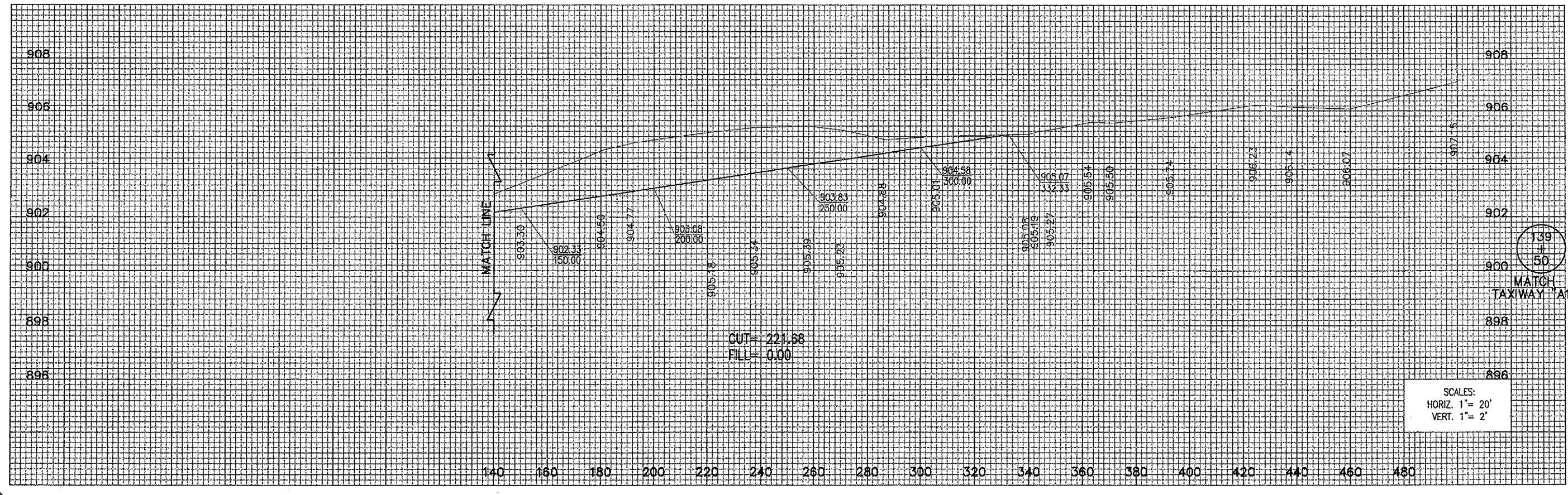
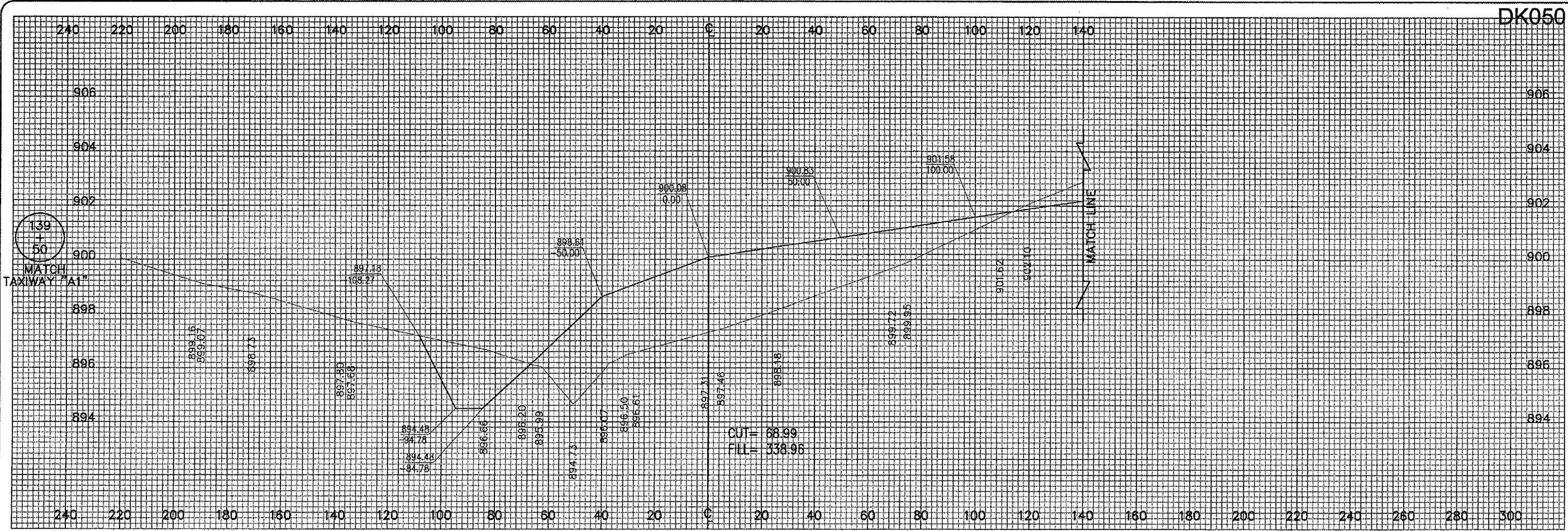
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EXTEND  
 TAXIWAY "A"  
 PROPOSED CROSS-SECTIONS  
 FOR TAXIWAY "A"  
 STA. 139+00





DK050

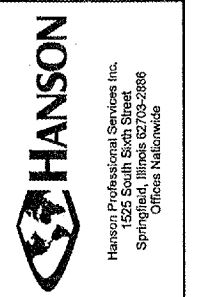
DATE	REVISION	BY



ILL. PROJ.: DKB-3448 A.I.P. PROJ.: 3-17-0139-B42

DATE	REVIEWED	CAH	03/06/06
02/14/06 <td>MDR <td>MDR <td>MDR </td></td></td>	MDR <td>MDR <td>MDR </td></td>	MDR <td>MDR </td>	MDR
02/14/06 <td>MDR <td>MDR <td>MDR </td></td></td>	MDR <td>MDR <td>MDR </td></td>	MDR <td>MDR </td>	MDR
02/14/06 <td>MDR <td>MDR <td>MDR </td></td></td>	MDR <td>MDR <td>MDR </td></td>	MDR <td>MDR </td>	MDR

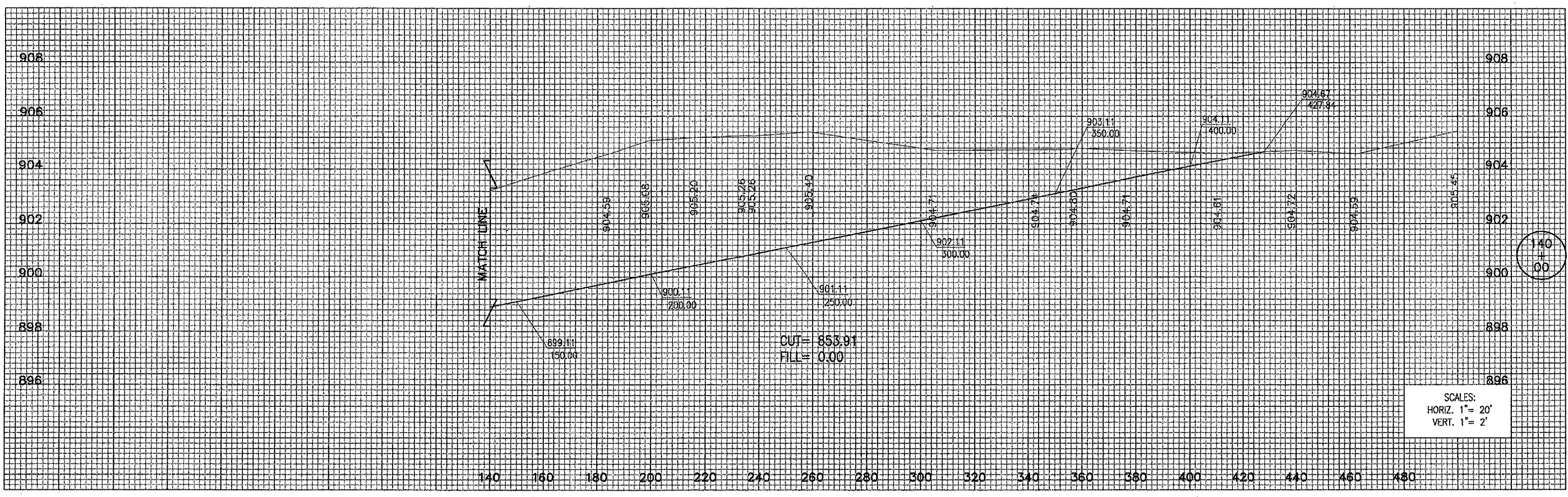
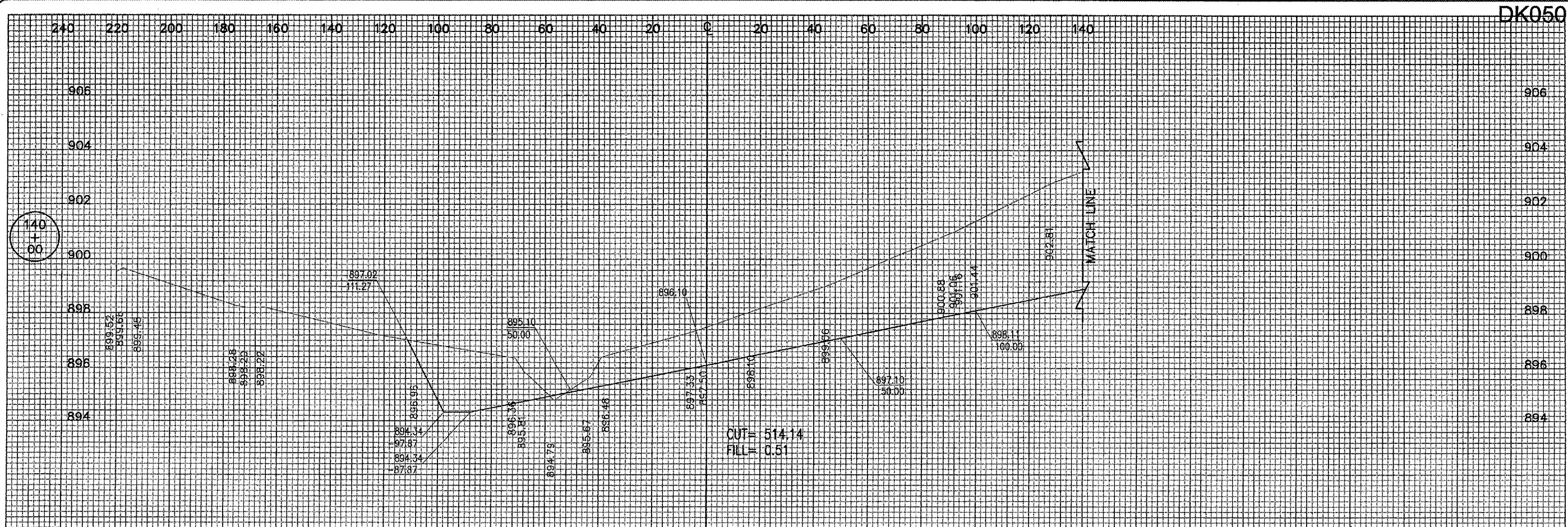
File: R-317-TXYA.DWG  
 Scale: H. 1"=20' V. 1"=2'  
 Date: 02/14/06



EXTEND TAXIWAY "A"  
 PROPOSED CROSS-SECTIONS FOR TAXIWAY "A"  
 STA. 139+50



APR 05, 2006 2:08 PM BAK  
 I:\AIRPORTS\DEKALB\803-05TXA\AIRPORT\SHEETS\TWY-A EXT\TX-A-XS\A-318-TXVA.DWG - Layout1



DK050

DATE	REVISION	BY



DEKALB TAYLOR MUNICIPAL AIRPORT  
 I.L. PROJ.: DK8-3448 A.I.P. PROJ.: 3-17-0139-B42

Project No.	803-05TXA0_0800
Revision	R-318-TXVA.DWG
Scale	H. 1"=20' V. 1"=2'
Date	02/14/06
LAYOUT	MDR 02/14/06
DRAWN	MDR 02/14/06
REVIEWED	CAH 03/06/06



Hanson Professional Services Inc.  
 624 S. Skyway  
 Springfield, Illinois 62703-2886  
 Offices Nationwide

EXTEND TAXIWAY "A"  
 PROPOSED CROSS-SECTIONS FOR TAXIWAY "A"  
 STA. 140+00