

06-15-12 LETTING ITEM 119

INDEX OF SHEETS

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LIST OF ILLINOIS DOT HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701336-06	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS ≥ 45 MPH
701901-02	TRAFFIC CONTROL DEVICES
780001-03	TYPICAL PAVEMENT MARKINGS

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
**PROPOSED  
HIGHWAY PLANS**

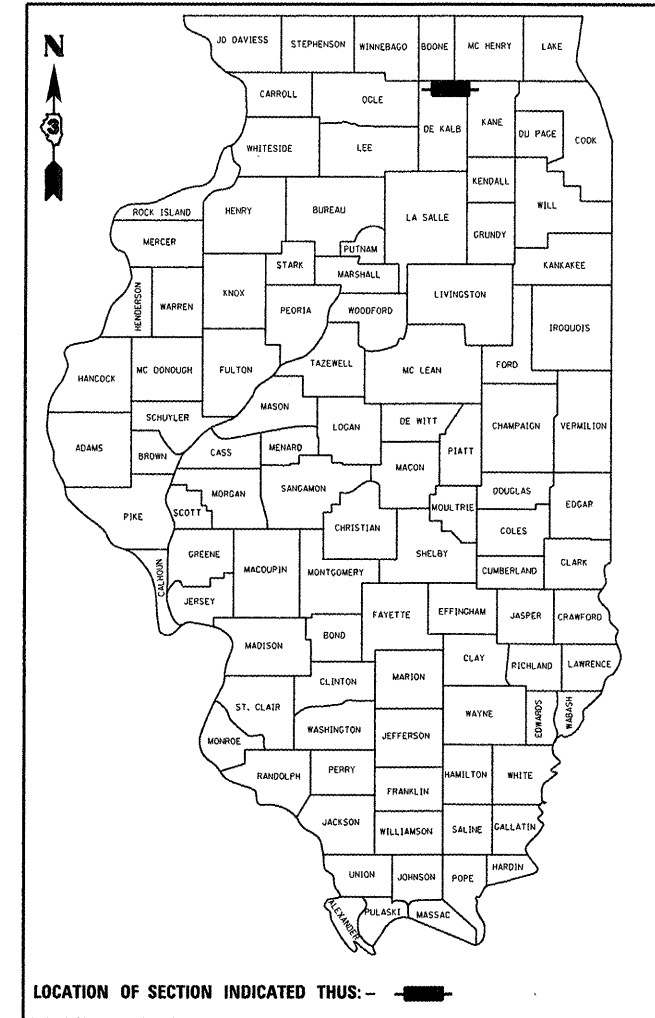
FAP ROUTE 557 (IL 72)  
SECTION (128)I

**MICRO-SURFACING (JOINT REPAIR)  
DEKALB COUNTY**

C-93-104-12

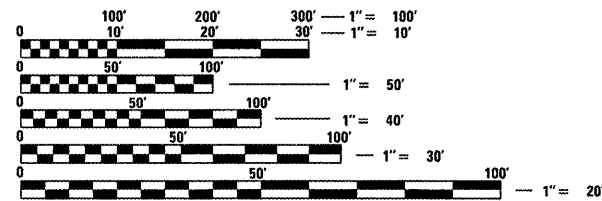
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
557	(128)I	DEKALB	7	1
		ILLINOIS	CONTRACT NO. 66C12	

D-93-053-12



**FUNCTIONAL CLASSIFICATION  
OTHER PRINCIPAL ARTERIAL**

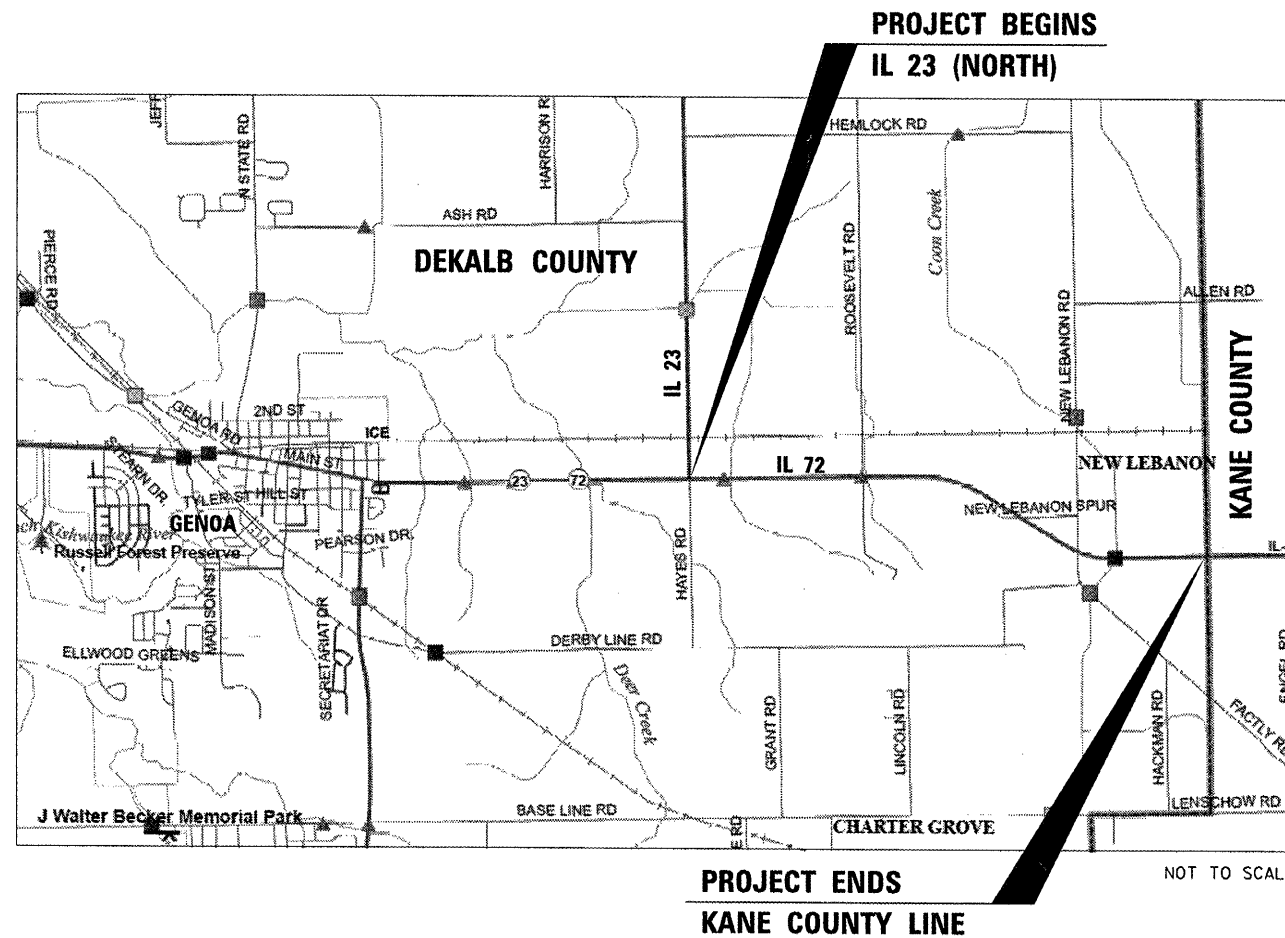
2011 ADT = 5300  
P.V. = 89.62%    S.U. = 4.72%    M.U. = 5.66%



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811

DISTRICT 3 NO. (815) 434-6131  
PROJECT ENGINEER: CRAIG REED, P.E.  
UNIT CHIEF: RUTH SCHWANKE  
TOWNSHIP(S): GENOA  
CONTRACT NO. 66C12



GROSS LENGTH = 16,579.2 FT. = 3.14 MILES  
NET LENGTH = 13,939.2 FT. = 2.64 MILES

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED March 27 20 12  
Eric S. Therkaldsen  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 11 20 12  
John D. Baranzelli, P.E.  
ENGINEER OF DESIGN AND ENVIRONMENT

May 11 20 12  
William R. Frey, Jr.  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS**

GENERAL NOTES

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS MICROSURFACING LIFTS.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

BITUMINOUS MATERIALS (PRIME COAT)	0.08	GAL / SQ YD
SHORT TERM PAVEMENT MARKING	10	FT /100 FT OF APPLICATION
MIX FOR CRACKS, JTS & FLGWYS	0.00283	TONS / SQ YD
MICROSURFACING SINGLE PASS	20	LBS / SQ YD

THE AGGREGATES FOR THE SURFACE LIFT OF MICRO-SURFACING SHALL MEET THE FRICTION AGGREGATE REQUIREMENTS FOR MIXTURE "D" IN ARTICLE 1004.03 (a).

MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

NON-MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.

THE TEMPORARY PAVEMENT MARKING SHALL BE PLACED PRIOR TO MICRO-SURFACING.

EXISTING PAVEMENT MARKING SHALL BE REMOVED PRIOR TO MICRO-SURFACING

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DISTRICT THREE

PREPARED BY: *Don Brown*  
DISTRICT STUDIES & PLANS ENGINEER

DATE: 3-27-12

EXAMINED BY: *[Signature]*  
DISTRICT CONSTRUCTION ENGINEER

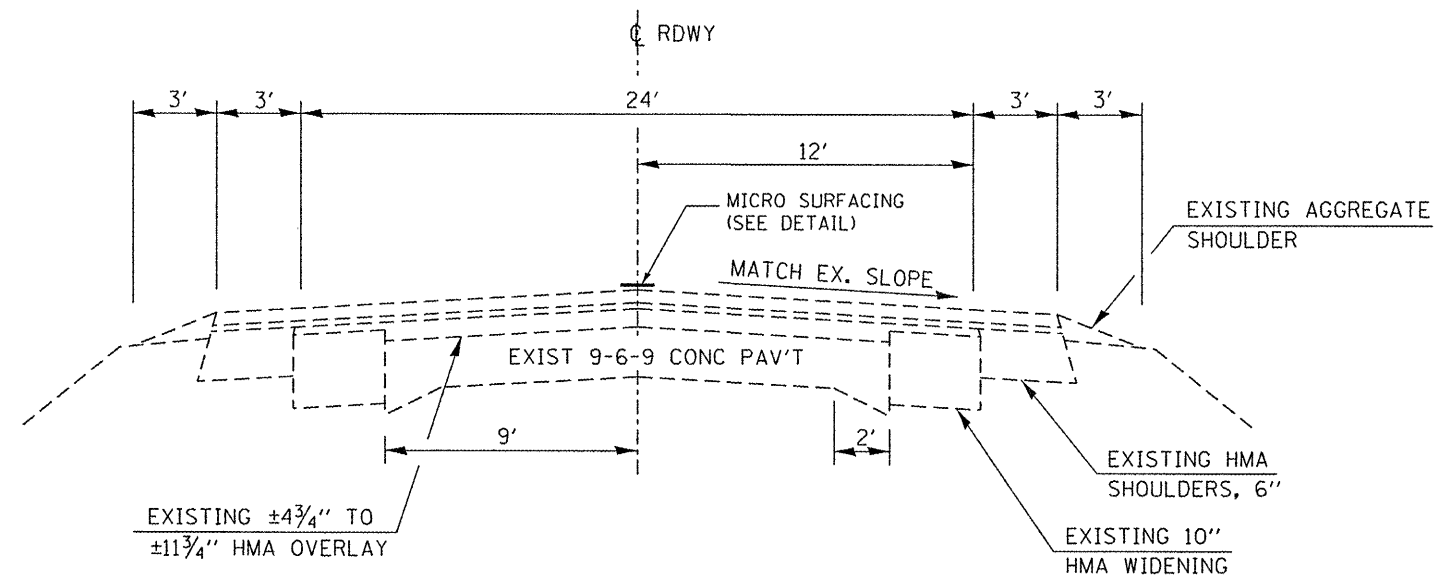
*[Signature]*  
DISTRICT MATERIALS ENGINEER

*[Signature]*  
DISTRICT OPERATIONS ENGINEER

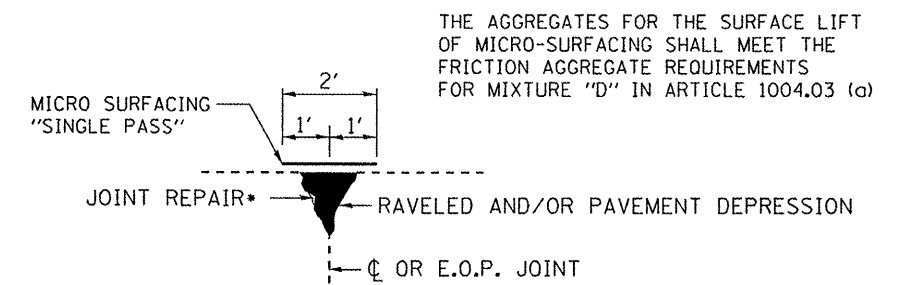
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et:\pw_work\pwidot\schwankerg\d0299072\0866C12-sht-cover.dgn	DRAWN -	REVISED -	577			(128)I	DEKALB	7	2	
PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -	CONTRACT NO. 66C12							
PLOT DATE = 3/14/2012	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
						SCALE:	SHEET NO. OF SHEETS	STA. TO STA.		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				100% STATE ROADWAY
				0005
				RURAL
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	208	208
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS	TON	1	1
67100100	MOBILIZATION	L SUM	1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	1640	1640
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	15,464	15,464
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	3270	3270
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	546	546
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	30,928	30,928
* 78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	6540	6540
78300100	PAVEMENT MARKING REMOVAL	SO FT	6699	6699
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	135	135
Z0063804	MICRO-SURFACING, SINGLE PASS, TYPE II, MIXTURE D	SO YD	2598	2598

FILE NAME =	USER NAME = schwenkerg	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 3/19/2012	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
				SCALE: SHEET NO. OF SHEETS STA. TO STA.						



**TYPICAL SECTION**



**MICRO-SURFACING DETAIL**

\* MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS

THE AGGREGATES FOR THE SURFACE LIFT OF MICRO-SURFACING SHALL MEET THE FRICTION AGGREGATE REQUIREMENTS FOR MIXTURE "D" IN ARTICLE 1004.03 (c)

**NOTES**

- 1) MICRO-SURFACING SHALL BE LOCATED AT THE CENTERLINE OF PAVEMENT JOINT. ACTUAL LOCATIONS SHALL BE FIELD DETERMINED BY THE ENGINEER PRIOR TO THE CONTRACTOR BEGINNING HIS/HER CONSTRUCTION OPERATIONS.
- 2) THE TEMPORARY STRIPING SHALL BE OFFSET 2' FROM THE CENTERLINE.
- 3) OFFSET OF THE PERMANENT CENTERLINE PAVEMENT STRIPING SHALL BE FIELD DETERMINED BY THE ENGINEER.

FILE NAME =	USER NAME = schwankerg	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTION</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
cr\pw_work\pvidot\schwankerg\d0299072\0666C12-sht-typical.dgn		DRAWN -	REVISED -		SCALE:	SHEET OF SHEETS	STA.	TO STA.	557	(128)I	DEKALB	7	4
		CHECKED -	REVISED -										
		DATE -	REVISED -										
		PLOT DATE = 3/19/2012											
ILLINOIS FED. AID PROJECT													

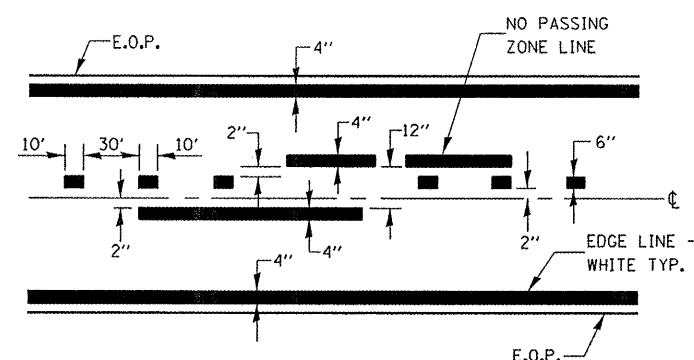
RESURFACING				
		MICROSURFACING SINGLE PASS TYPE II	BITUMINOUS MATERIALS PRIME COAT	MIXTURE FOR CRACKS, JOINTS, & FLANGWAYS
STATIONS	LENGTH	SQ YD	GALLON	TON
8+22 TO 66+30	5,808.0	1291	103	0.30
97+98 TO 129+66	3,168.0	704	56	0.17
145+50 TO 172+66	2,716.0	604	48	0.14
<b>TOTALS</b>		2598	208	1

PAVEMENT MARKING										
LOCATION	DESCRIPTION	LENGTH	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	PAINT PAVEMENT MARKING - LINE 4"	PAINT PAVEMENT MARKING - LINE 6"	TEMPORARY PAVEMENT MARKING - LINE 4"	TEMPORARY PAVEMENT MARKING - LINE 6"	PAVEMENT MARKING REMOVAL	SHORT TERM PAVEMENT MARKING	WORK ZONE PAVEMENT MARKING REMOVAL
				YELLOW FOOT	YELLOW FOOT	YELLOW FOOT	YELLOW FOOT			
STATIONS		FOOT	EACH	FOOT	FOOT	FOOT	FOOT	SQ FT	FOOT	SQ FT
0+00	INTERSECTION OF IL 72 AND IL 23									
0+00 TO 8+22	NO WORK									
8+22 TO 13+91	DOUBLE SOLID	569		2,276		1138		379	56	19
13+91 TO 20+01	SOLID LT, DASH RT	610		1,220	300	610	150	278	60	20
20+01 TO 34+34	DASH	1,433			720		360	180	144	48
34+34 TO 43+85	DASH LT, SOLID RT	951		1,902	480	951	240	437	96	32
43+85 TO 60+68	SOLID LT, DASH RT	1,683		3,366	840	1683	420	770	168	56
60+68 TO 65+92	DASH	524			260		130	65	52	17
65+92 TO 77+41	DASH LT, SOLID RT	1,149		2,298	580	1149	290	528	116	39
77+41 TO 87+74	SOLID LT, DASH RT	1,033		2,066	520	1033	260	474	104	35
87+74 TO 87+76	GAP	2								
87+76 TO 98+52	DASH LT, SOLID RT	1,076		2,152	540	1076	270	493	108	36
98+52 TO 112+47	DOUBLE SOLID	1,395		5,580		2790		929	140	47
112+47 TO 121+58	SOLID LT, DASH RT	911		1,822	460	911	230	418	92	31
121+58 TO 125+08	DASH	350			180		90	45	36	12
125+08 TO 131+03	DASH LT, SOLID RT	595		1,190	300	595	150	273	60	20
131+03 TO 143+83	DOUBLE SOLID	1,280		5,120		2560		852	128	43
143+83 TO 145+11	<b>S.N. 019-0033</b>	128		512		256				
145+11 TO 145+64	DOUBLE SOLID	53		212		106		35	4	1
145+64 TO 148+29	SOLID LT, DASH RT	265		530	140	265	70	123	28	9
148+29 TO 169+25	DASH	2,096			1040		520	260	212	71
169+25 TO 172+66	DASH LT, SOLID RT	341		682	180	341	90	159	36	12
<b>TOTALS</b>		3,11	135	30,928	6540	15,464	3270	6699	1640	546



NOT TO SCALE

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	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -		557	(128)	DEKALB	7	6			
	PLOT DATE = 3/19/2012	DATE -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 66C12				
	ILLINOIS FED. AID PROJECT											



CENTERLINE & NO PASSING ZONE LINES - YELLOW (SEE TYPICAL SECTIONS)

**PAVEMENT MARKING**

FILE NAME =	USER NAME = schwanberg	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETAILS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw\work\pvidot\schwanberg\0299072\66C12-aht-details.dgn	DRAWN -	REVISED -	577			(128)	DEKALB	7	7	
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PLOT DATE = 3/19/2012	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
					SCALE:	SHEET OF SHEETS		STA. TO STA.		