

8-1-08 Letting, Item 055

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UTILITIES

NICOR GAS
1844 FERRY ROAD
NAPERVILLE, IL 60563-9600
ATTN: CONSTANCE LANE (630)388-3830

VERIZON NORTH
KALIN HINSHAW
110E MONROE
BLOOMINGTO, IL 61701-2675
(MAIL CODE) ILLBON

EASTERN ILLINI ELECTRIC
330 W OTTAWA ST
P.O. BOX 96
PAXTON, IL 60957
ATTN ALAN SCHWEIGHART 217-379-2131-17

COMCAST
688 INDUSTRIAL DRIVE
ELMHURST, IL 60015
ATTN MARTHA GIERAS 630-600-6352

AMEREN CIPS
P.O. BOX 566
711 S 9TH STREET
MATTON, IL 61938
ATTN MIKE TIPTON 217-234-0559

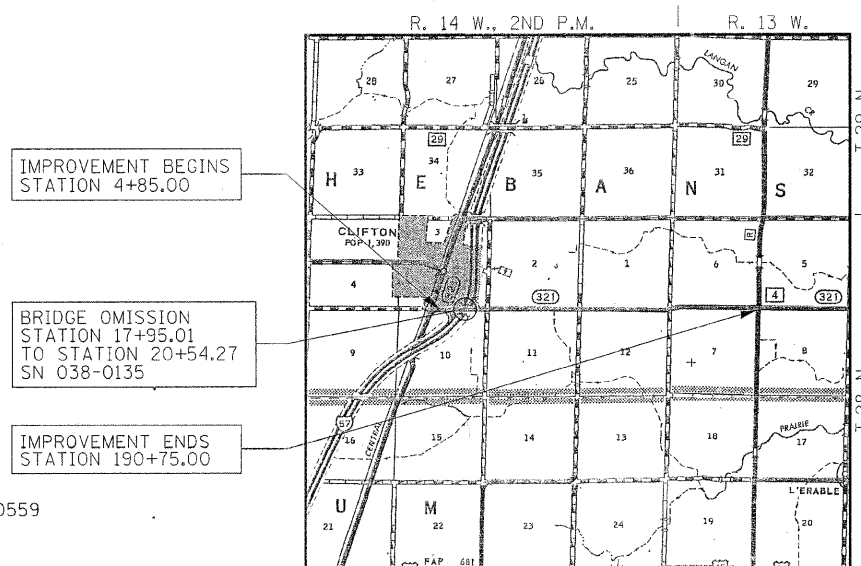
MCLEOD USA
102 E SHAFER
FORSYTH, IL 62535
ATTN MARK MILLS 217-876-7194

DESIGN FUNCTIONAL CLASSIFICATION: MAJOR COLLECTOR (NON-URBAN)
DESIGN TRAFFIC: 3300 (2002) 5133 (2028) ADT
1200 (2002) 1866 (2028) ADT
DESIGN SPEED: 50 M.P.H. 50 M.P.H.
CONTRACT NO. 87363

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS PLANS FOR PROPOSED SURFACE TRANSPORTATION PROGRAM – RURAL

PLAN 0' 50'
PROFILE HORIZ. 0' 50'
PROFILE VERT. 0' 5'
CROSS SECTIONS 0' 5'

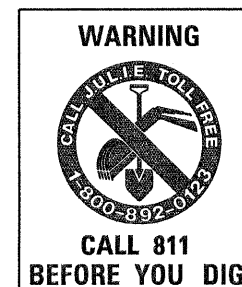
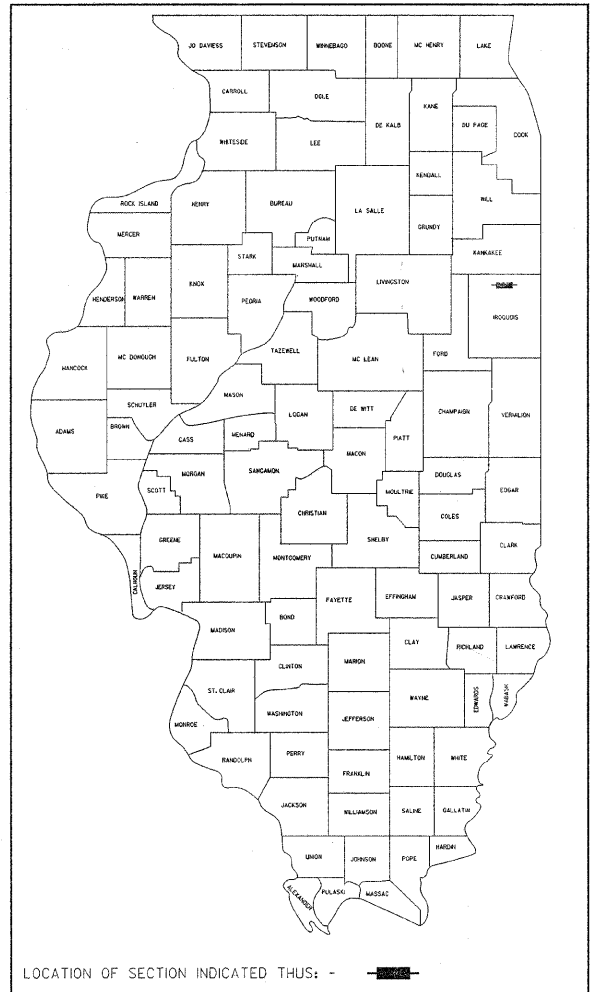
F.A.S. 321 E 2900 NORTH ROAD (C.H. 4) SECTION 05-00205-02-RS IROQUOIS COUNTY PROJECT – RS-321(115) C-93-046-08



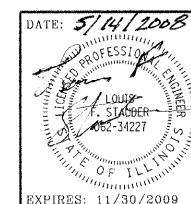
LAYOUT

APPROXIMATE SCALE: 0 1 MILE

GROSS NET LENGTH OF SECTION = 18590.00 FEET = 3.521 MILES
BRIDGE OMISSION = 259.24 FEET = 0.049 MILES
NET LENGTH OF SECTION = 18330.74 FEET = 3.472 MILES



APPROVED	May 16, 2008
	COUNTY ENGINEER
PASSED	05/19/2008
	DISTRICT THREE ENGINEER OF LOCAL ROADS & STREETS
Releasing For Bid Based on Limited Review	05/19/2008
	DEPUTY DIRECTOR OF HIGHWAYS REGION TWO ENGINEER
	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION



HAMPTON, LENZINI & RENWICK, INC. CIVIL & STRUCTURAL ENGINEERS LAND SURVEYORS	
3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 (217) 548-3400	
ELGIN	SPRINGFIELD
PROJECT NUMBER: 07.0120.320	DATE: 05/06/08

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.S. 321	05-00205-02-RS	IROQUOIS	76	2
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT NO. 87383	

GENERAL NOTES

ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2007", (HERE IN AFTER REFERRED TO AS THE STANDARD SPECIFICATIONS; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" ADOPTED JANUARY 1, 2008; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS"; THE DETAILS IN THE PLANS AND THE "SPECIAL PROVISIONS" INCLUDED IN THE DOCUMENTS.

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.

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 INCLUDED IN THESE PLANS.

THE LOCATION OF EXISTING GAS MAINS, ELECTRIC POWER LINES, TELEPHONE, AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON FIELD INVESTIGATIONS AND THE BEST INFORMATION AVAILABLE . IT SHALL BE THE CONTRACTORS' RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION

THE CONTRACTOR SHALL PROVIDE ACCESS TO ALL COMMERCIAL, PRIVATE AND FIELD ENTRANCES AT ALL TIMES EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.

FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

ALL DISTURBED AREAS WITHIN THE CONSTRUCTION LIMITS SHALL BE FERTILIZED AND SEEDED. SEEDING SHALL BE CLASS 2 (SPECIAL) ACCORDING TO THE APPLICABLE ARTICLES OF SECTION 250 OF THE STANDARD SPECIFICATIONS. SEEDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.

THE THICKNESS OF HOT-MIX ASPHALT MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX ASPHALT MIXTURE IS PLACED.

EARTHWORK COMPACTION SHALL BE TO THE SATISFACTION OF THE ENGINEER.

AT ALL LOCATIONS WHERE THE PROPOSED HOT-MIX ASPHALT OR CONCRETE PAVEMENT JOINS AN EXISTING HOT-MIX ASPHALT OR CONCRETE PAVEMENT, A FULL DEPTH SAWED JOINT SHALL BE CONSTRUCTED. THE COST OF THIS JOINT WILL BE INCLUDED IN THE COST OF THE TYPE OF PAVEMENT BEING CONSTRUCTED.

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

ALL SAW CUTTING OF EXISTING PAVEMENT SHALL BE CONSIDERED IN THE PAY ITEM INVOLVED. THE MINIMUM SAW DEPTH IN THE PAVEMENT SHALL BE 1½" UNLESS OTHERWISE NOTED.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE JULIE NUMBER IS 800-892-0123. A MINIMUM OF 48 HOURS ADVANCED NOTICE I IS REQUIRED.

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

GRANULAR MATERIALS: 2.05 TONS / CU YD
BITUMINOUS MATERIALS PRIME COAT (ON PAVEMENT): 0.1 GAL / SQ YD
BITUMINOUS MATERIALS PRIME COAT (INTERMEDIATE LIFTS (FOG COAT)): 0.04 GAL / SQ YD
BITUMINOUS MATERIALS PRIME COAT (ON AGGREGATE SURFACE): 0.35 GAL / SQ YD
AGGREGATE PRIME COAT: 0.002 TONS / SQ YD
HMA RESURFACING: 112 LBS / SQ YD / INCH OF THICKNESS
SHORT TERM PAVEMENT MARKING: 10 FT / 100 FT OF APPLICATION
MIX FOR CRACKS, JTS & FLGWYS: 0.0003 TONS / SY YD
LEVEL BINDER (MACHINE METHOD): 112 LBS / SQ YD / INCH OF THICKNESS
SUPPLEMENTAL WATERING: 3 GAL / SQ YD / APPLICATION
CALCIUM CHLORIDE: 2 LB / SQ YD / APPLICATION
TEMPORARY DITCH CHECKS: 5 TONS AGGREGATE
RIPRAP: 1.75 TONS / CU YD

	HMA LEVELING BINDER	HMA SURFACE	HMA SHOULDERS	INCIDENTAL HMA SURFACING
PG GRADE	PG58-22	PG64-22	PG58-22	PG64-22
MAX % RAP ALLOWABLE**	25%	15%	50%	15%
DESIGN AIR VOIDS	4% @ N50	4% @ N50	3% @ N50	4% @ N50
MIXTURE COMPOSITION	IL 9.5	IL 12.5 OR IL 9.5	IL 19.0	IL 12.5 OR IL 9.5
FRICTION AGGREGATE		MIXTURE C		MIXTURE C
DENSITY	SATISFACTION OF ENGINEER	NUCLEAR/ CORES	*NUCLEAR/ CORES	NUCLEAR/ CORES

* MATERIAL SHALL BE COMPACTED TO 93.0-97.4 PERCENT OF THE MAXIMUM THEORETICAL DENSITY, EXCEPT THAT WHEN PLACED AS FIRST LIFT ON AN UNIMPROVED SUB GRADE THAT MINIMUM PERCENT COMPACTION SHALL BE 92 PERCENT. THE MAXIMUM THEORETICAL DENSITY SHALL BE DETERMINED FROM THE MOVING AVERAGE AS SPECIFIED IN THE QA/QC SPECIFICATIONS, ** IF THE RAP PERCENTAGE IS DIFFERENT THAN LISTED ABOVE, THE PG GRADE MAY NEED TO BE ADJUSTED. THIS WILL BE DETERMINED BY THE ENGINEER

THE FOLLOWING PAY ITEMS HAVE BEEN INCLUDED TO ESTABLISH UNIT RATES:

CLASS D PATCHES, TYPE II, 12 INCH
CLASS D PATCHES, TYPE III, 12 INCH
CLASS D PATCHES, TYPE IV, 12 INCH

HAMPTON, LENZINI & RENWICK, INC. CIVIL & STRUCTURAL ENGINEERS LAND SURVEYORS		
3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 (217) 548-3400		
ELGIN • SPRINGFIELD		
PROJECT NUMBER: 07-0120.920	DATE: 05/08/08	
DESIGNED: L.F.S.	CHECKED:	DRAWN: W.J.S.

GENERAL NOTES AND MIXTURE REQUIREMENTS
F.A.S. 321 / C.H. 4
SECTION 05-00205-02-RS
IROQUOIS COUNTY

PLOT DATE : 5/13/2008 FILE NAME = 46002-shl-notes.dgn

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.S. 321	05-00205-02-RS	IROQUOIS	76	3
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT NO. 87363	

SUMMARY OF QUANTITIES			
CODE #	ITEM	UNIT	TOTAL QUANTITY
			1000
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	97
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	4846
40600300	AGGREGATE (PRIME COAT)	TON	94
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	4604
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	199
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	448
40600990	TEMPORARY RAMP	SQ YD	328
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	3976
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	174
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	50
44201794	CLASS D PATCHES, TYPE III, 12 INCH	SQ YD	160
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SQ YD	200
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	1381
48203010	HOT-MIX ASPHALT SHOULDERS, 3 1/4"	SQ YD	4681
* 63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	450
* ^ 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1(SPECIAL) TANGENT	EACH	4
63200310	GUARDRAIL REMOVAL	FOOT	212.5
^ 66700110	PERMANENT SURVEY MARKERS TO BE ADJUSTED	EACH	7
^ 67100100	MOBILIZATION	L SUM	1
^ 70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	10998
* 70300625	TEMPORARY PAINT PAVEMENT MARKING LINE 4"	FOOT	45639
* 70300660	TEMPORARY PAINT PAVEMENT MARKING LINE 24"	FOOT	95
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	18878
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	45639
* 78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	95
* ^ 78200405	GUARDRAIL MARKERS	EACH	10
* ^ 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4

^ SEE SPECIAL PROVISIONS
* SPECIALTY ITEMS

HAMPTON, LENZINI & RENWICK, INC.
CIVIL & STRUCTURAL ENGINEERS
LAND SURVEYORS



3085 STEVENSON DRIVE, SUITE 201
SPRINGFIELD, ILLINOIS 62703
(217) 546-3400

ELGIN • SPRINGFIELD

PROJECT NUMBER: 07.0120.320	DATE: 05/06/08
DESIGNED: L.P.S.	CHECKED: DRAWN: W.J.S.

SUMMARY OF QUANTITIES
F.A.S. 321 / C.H. 4
SECTION 05-00205-02-RS
IROQUOIS COUNTY

PLOT DATE : 5/16/2008 FILE NAME : 46002-sht-summary.dgn

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.S. 321	05-00205-02-RS	IROQUOIS	76	4
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT NO. 87363	

ROADWAY SCHEDULE											
LOCATION	HOT-MIX ASPHALT SURFACE CSE MIX "C", N50 1.5"	LEVELING BINDER (MM) N50 1.75"	HOT-MIX ASPHALT SURFACE REMOVAL BUTT-JOINT	PCC SURFACE REMOVAL BUTT-JOINT	TEMPORARY RAMP	BITUMINOUS MATERIAL PRIME COAT	AGGREGATE PRIME COAT	HOT-MIX ASPHALT SHOULDERS 3.25"	AGGREGATE SHOULDER WEDGE TYPE B	INCIDENTAL HOT-MIX ASPHALT SURFACING	AGGREGATE SURFACE COURSE TYPE B 6"
	TON	TON	SQ YD	SQ YD	SQ YD	GAL	TON	SQ YD	TON	TON	TON
STA. 4+85 TO STA. 17+95.01	299	374		106	66	351	7	2906	48		
STA. 20+54.27 TO STA. 46+18	577	862		53		684	14	1444	164		
STA. 46+18 TO STA. 190+75	2972	3323	49		52	3535	71		1147		
RAMPS A & C (SOUTH)	62	22		117	29	68	1	153	11		
RAMPS B & D (NORTH)	66	23		172	41	73	1	178	11		
SIDE ROADS			126		63	76				118	
ENTRANCES			24		24	59				56	97
TOTAL	3976	4604	199	448	328	4846	94	4681	1381	174	97

PAVEMENT MARKING SCHEDULE										
LOCATION	PAINT								SHORT TERM PAVEMENT MARKING	WORK ZONE PAVEMENT MARKING REMOVAL
	PERMANENT				TEMPORARY					
	4" SINGLE WHITE EDGE LINE	4" SKIP DASH YELLOW CENTERLINE	4" SOLID YELLOW CENTERLINE	24" WHITE STOP BAR	4" SINGLE WHITE EDGE LINE	4" SKIP DASH YELLOW CENTERLINE	4" SOLID YELLOW CENTERLINE	24" WHITE STOP BAR		
	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT		
CH4										SQ FT
CL STA. 4+85 TO CL STA. 190+75										
CL STA. 4+85 TO CL STA. 8+00		79				79			10998	3629
RCL STA. 8+00 TO RCL STA. 31+00			2300				2300			26
LCL STA. 8+00 TO LCL STA. 31+00			2300				2300			759
CL STA. 31+00 TO CL STA. 190+75		3994				3994		2300		759
RT STA. 4+85 TO RT STA. 190+75	18050				18050					1318
LT STA. 4+85 TO LT STA. 190+75	18144				18144					5957
										5988
SIDEROADS	772			95	772			95		0
										445
SUBTOTAL	36966	4073	4600	95	36966	4073	4600	95	10998	18878
TOTAL		45639		95		45639		95	10998	18878

PERMANENT SURVEY MARKERS TO BE ADJUSTED	
LOCATION	EACH
CH 4	
PT 35+49.67 TAB	1
PC 40+07.88 TAB	1
PT 44+45.58 TAB	1
PI 59+57.50 TAB	1
PI 86+37.46 TAB	1
PI 113+05.92	1
PI 164+75.19 TAB	1
TOTAL	7

GUARDRAIL TABULATION					
LOCATION	STEEL PLATE BEAM GUARDRAIL TYPE A	TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL (TANGENT)	TERMINAL MARKER DIRECT APPLIED	GUARDRAIL MARKERS	GUARDRAIL REMOVAL
	FOOT	EACH	EACH	EACH	FOOT
RT. STA. 70+70 TO RT. STA. 73+95	225	2	2	5	100
LT. STA. 71+50 TO RT. STA. 74+75	225	2	2	5	112.5
TOTAL	450	4	4	10	212.5

HAMPTON, LENZINI & RENWICK, INC. CIVIL & STRUCTURAL ENGINEERS LAND SURVEYORS	
3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 (217) 546-3400	
ELGIN	SPRINGFIELD
PROJECT NUMBER: 07.0120.320	DATE: 05/06/08
DESIGNED: L.F.S.	CHECKED: DRAWN: W.J.S.

SCHEDULE OF QUANTITIES
F.A.S. 321 / C.H. 4
SECTION 05-00205-02-RS
IROQUOIS COUNTY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.S. 321	05-00205-02-RS	IROQUOIS	76	5
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT NO. 87363	

ENTRANCE AND SIDEROAD SCHEDULE													
LOCATION	TYPE	EXISTING SURFACE TYPE	EXISTING WIDTH	PROPOSED SURFACE TYPE	PROPOSED WIDTH	TYPE	RADIUS	SHOULDER WIDTH	INCIDENTAL HMA SURFACING	AGGREGATE SURFACE COURSE TY B	BIT. MATL. PRIME COAT	TEMPORARY RAMP	HOT-MIX ASPHALT SURFACE REMOVAL BUTT-JOINT
			FEET		FEET		FEET	FEET	TON	TON	GAL.	SQ. YD.	SQ. YD.
CH 4													
LT. STA. 35+26.00	FE	EARTH	35	AGG	35	rural	10	4		8			
RT. STA. 46+02.00	FE	EARTH	24	AGG	24	rural	10	4		6			
RT. STA. 53+92.00	PE WITH MB TURNOUT	BIT	13	HMA	16	rural	17	4	4		4	9	9
RT. STA. 56+12.00	PE WITH MB TURNOUT	AGG	12	HMA	12	rural	17	4	4		3		
RT. STA. 56+64.00	PE	AGG	8	HMA	12	rural	17	4	3		3		
RT. STA. 58+64.00	PE WITH MB TURNOUT	AGG	13	HMA	14	rural	17	4	4		4		
LT. STA. 63+31.00	FE	EARTH	28	AGG	28	rural	10	4		7			
RT. STA. 63+78.00	PE WITH MB TURNOUT	AGG	14	HMA	19	rural	17	4	5		4		
RT. STA. 65+78.00	FE	EARTH	16	AGG	16	rural	10	4		4			
RT. STA. 75+00.00	FE	AGG	16	AGG	16	rural	10	4		4			
LT. STA. 75+00.00	FE	EARTH	18	AGG	18	rural	10	4		4			
LT. STA. 78+19.00	FE	EARTH	16	AGG	16	rural	10	4		4			
LT. STA. 84+79.00	PE	BIT	18	HMA	27	rural	17	4	5		4	15	15
LT. STA. 89+41.00	FE	EARTH	16	AGG	16	rural	10	4		4			
RT. STA. 91+48.00	MB TURNOUT	BIT		HMA		rural		4	1		5		
LT. STA. 91+51.00	PE	AGG	30	HMA	28	rural	17	4	5		4		
RT. STA. 96+58.00	FE	EARTH	20	AGG	20	rural	10	4		5			
LT. STA. 103+52.00	FE	EARTH	16	AGG	16	rural	10	4		4			
RT. STA. 104+67.00	FE	AGG	20	AGG	20	rural	10	4		5			
LT. STA. 112+43.00	PE	AGG	20	HMA	21	rural	17	4	4		4		
LT. STA. 113+26.00	FE	EARTH	16	AGG	16	rural	10	4		4			
RT. STA. 117+30.00	MB TURNOUT	BIT		HMA		rural		4			5		
LT. STA. 117+36.00	PE	AGG	12	HMA	18	rural	17	4	4		3		
RT. STA. 119+75.00	FE	EARTH	18	AGG	18	rural	10	4		4			
RT. STA. 122+65.00	PE WITH MB TURNOUT	AGG	12	HMA	12	rural	17	4	4		3		
LT. STA. 128+79.00	FE	EARTH	24	AGG	24	rural	10	4		6			
RT. STA. 132+79.00	FE	EARTH	16	AGG	16	rural	10	4		4			
LT. STA. 139+35.00	FE	EARTH	20	AGG	20	rural	10	4		5			
LT. STA. 153+31.00	FE	EARTH	20	AGG	20	rural	10	4		5			
RT. STA. 155+86.00	FE	EARTH	25	AGG	25	rural	10	4		6			
RT. STA. 164+90.00	FE	EARTH	16	AGG	16	rural	10	4		4			
LT. STA. 169+53.00	PE	AGG	16	HMA	16	rural	17	4	3		3		
LT. STA. 178+14.00	FE	AGG	16	AGG	16	rural	10	4		4			
LT. STA. 183+12.00	PE WITH MB TURNOUT	AGG	12	HMA	13	rural	17	4	4		4		
RT. STA. 190+28.00	PE	AGG	28	HMA	30	rural	17	4	6		6		
TOTAL ENTRANCES									56	97	59	24	24
SIDE ROADS													
LT. STA. 32+71.88	SR 1100 E. (NORTH)	HMA	20	HMA	20	rural	50	0	27	0	17	11	22
RT. STA. 32+70.87	SR 1100 E. (SOUTH)	HMA	22	HMA	22	rural	50	0	28	0	18	12	24
LT. STA. 86+37.62	SR 1200 E. (NORTH)	HMA	22	HMA	22	rural	25	0	9	0	6	12	24
RT. STA. 86+37.62	SR 1200 E. (SOUTH)	HMA	19	HMA	19	rural	50	0	26	0	17	11	21
LT. STA. 139+79.28	SR 1300 E. (NORTH)	HMA	14	HMA	14	rural	30	0	10	0	7	8	16
RT. STA. 139+79.28	SR 1300 E. (SOUTH)	HMA	17	HMA	17	rural	40	0	18	0	11	9	19
TOTAL SIDEROADS									118	0	76	63	126
TOTAL PROJECT									174	97	135	87	150

HAMPTON, LENZINI & RENWICK, INC.

CIVIL & STRUCTURAL ENGINEERS

LAND SURVEYORS

HLR

ELGIN • SPRINGFIELD

PROJECT NUMBER: 07.0120.320

DESIGNED: L.F.S.

3085 STEVENSON DRIVE, SUITE 201

SPRINGFIELD, ILLINOIS 62703

(217) 546-3400

DATE: 05/06/08

CHECKED:

DRAWN: W.J.S.

SCHEDULE OF QUANTITIES

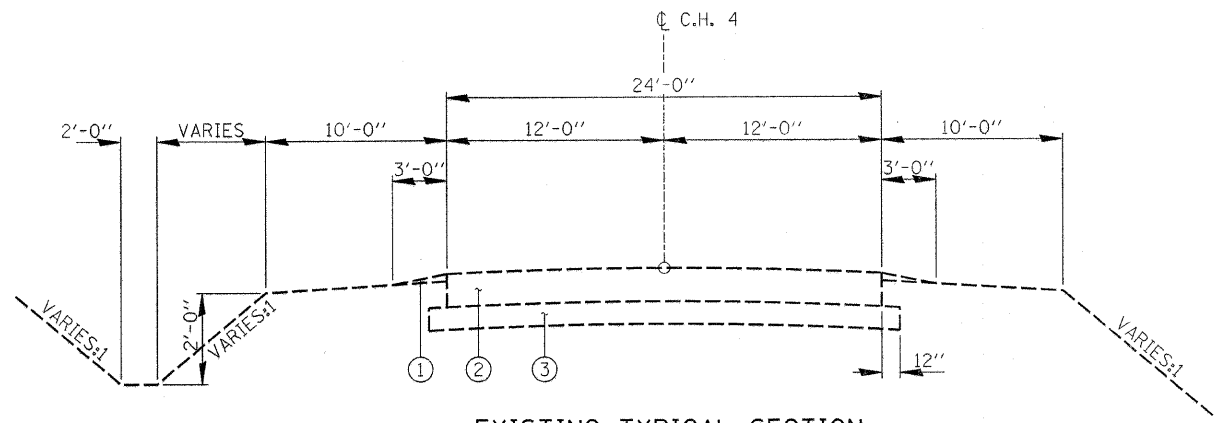
F.A.S. 321 / C.H. 4

SECTION 05-00205-02-RS

IROQUOIS COUNTY

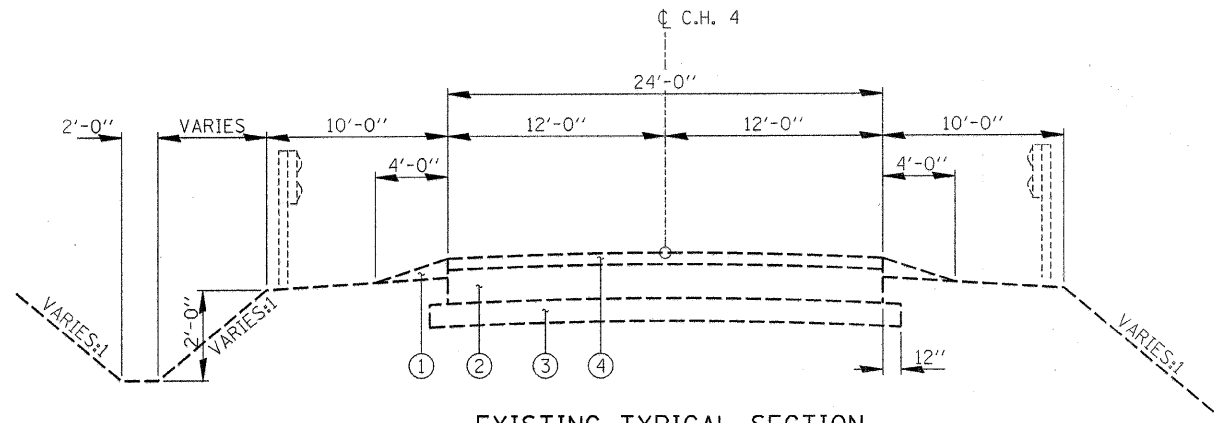
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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.S. 321	05-00205-02-RS	IROQUOIS	76	6
FED. ROAD DIST. NO.		ILLINOIS CONTRACT NO. 87383		



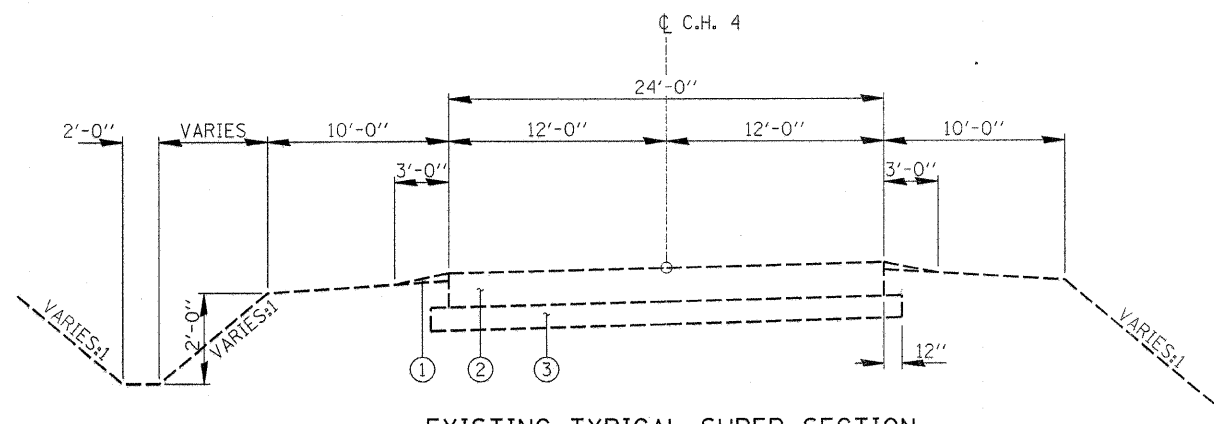
EXISTING TYPICAL SECTION

STA. 4+85.00 TO STA. 8+85.00
STA. 27+00.00 TO STA. 29+47.17
STA. 35+49.67 TO STA. 40+07.86
STA. 44+45.60 TO STA. 46+18.00



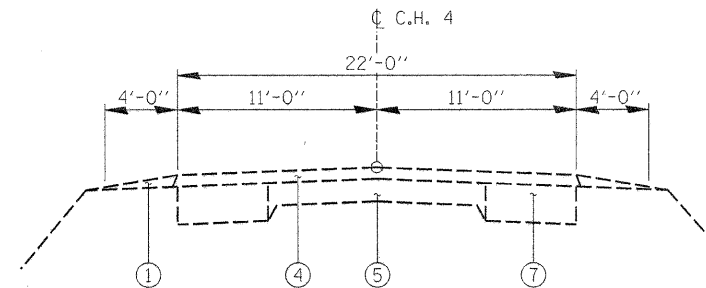
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STA. 8+85.00 TO STA. 17+95.01
BRIDGE OMISSION STA. 17+95.01 TO STA. 20+54.27
STA. 20+54.27 TO STA. 27+00.00



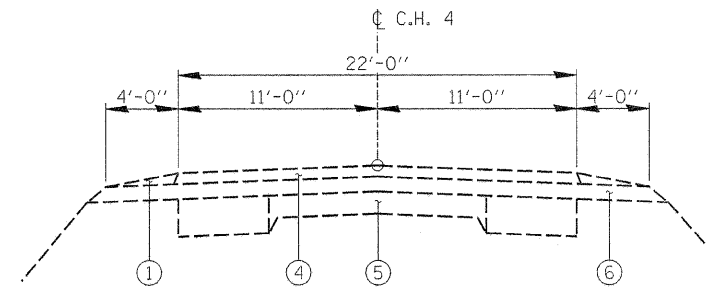
EXISTING TYPICAL SUPER SECTION

STA. 29+47.17 TO STA. 35+49.67
STA. 40+07.86 TO STA. 44+45.60



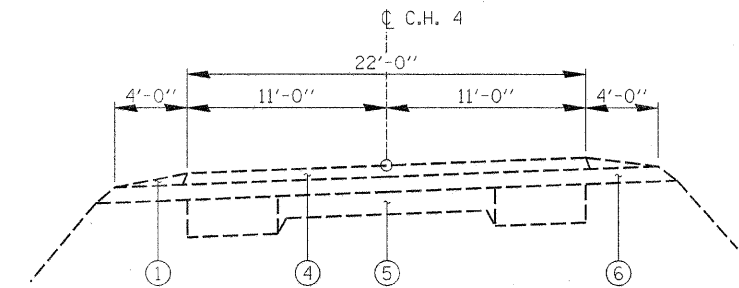
EXISTING TYPICAL SECTION

STA. 46+18.00 TO STA. 104+26.00
STA. 138+23.87 TO STA. 140+34.93
STA. 148+08.00 TO STA. 190+75.00



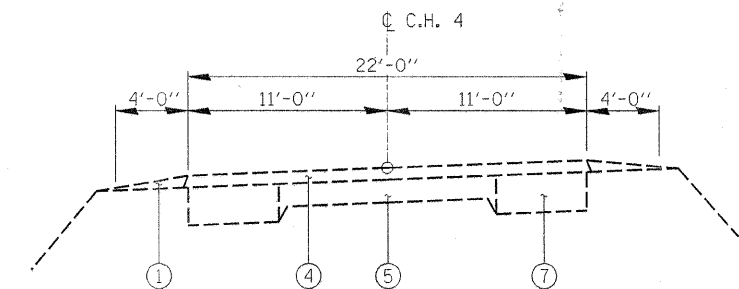
EXISTING TYPICAL SECTION

STA. 104+26.00 TO STA. 131+71.15
STA. 147+64.95 TO STA. 148+08.00



EXISTING TYPICAL SUPER SECTION

STA. 131+71.15 TO STA. 137+00.00
STA. 140+69.00 TO STA. 147+64.95



EXISTING TYPICAL SUPER SECTION

STA. 137+00.00 TO STA. 138+23.87
STA. 140+34.93 TO STA. 140+69.00

LEGEND

- | | |
|--|---|
| ① EXISTING AGGREGATE SHOULDER TYPE B | ⑪ BITUMINOUS MATERIALS (PRIME COAT) |
| ② EXISTING PCC CONCRETE PAVEMENT 9" | ⑫ AGGREGATE (PRIME COAT) |
| ③ EXISTING SUB BASE GRANULAR MATERIAL, TYPE A 6" | ⑬ HOT-MIX ASPHALT SURFACE REMOVAL, BUTT-JOINT |
| ④ EXISTING HMA SURFACE 3" | ⑭ PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT |
| ⑤ EXISTING CONCRETE PAVEMENT 9-6-9 | ⑮ AGGREGATE WEDGE SHOULDER, TYPE B |
| ⑥ EXISTING AGGREGATE BASE COURSE TYPE A 4" | ⑯ INCIDENTAL HOT-MIX ASPHALT SURFACING |
| ⑦ EXISTING AGGREGATE BASE COURSE 9" | ⑰ HOT-MIX ASPHALT SHOULDERS 3.25" |
| ⑧ HOT-MIX ASPHALT SURFACE COURSE, MIX C, N50 (1 1/2" THICKNESS MIN.) | ⑱ AGGREGATE SURFACE COURSE, TYPE B 6" |
| ⑨ LEVELING BINDER (MACHINE METHOD) N50 (1.75" THICKNESS MIN.) | |

HAMPTON, LENZINI & RENWICK, INC.
CIVIL & STRUCTURAL ENGINEERS
LAND SURVEYORS

HLR

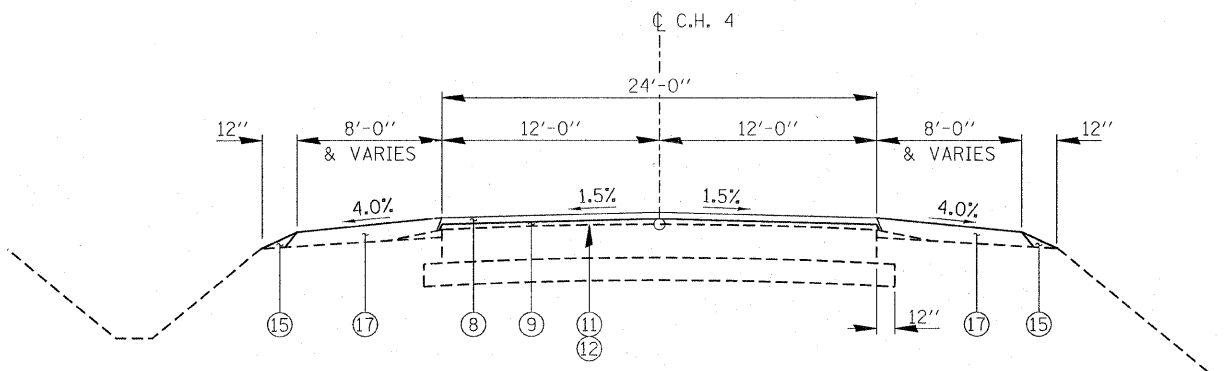
3085 STEVENSON DRIVE, SUITE 201
SPRINGFIELD, ILLINOIS 62703
(217) 546-3400

ELGIN • SPRINGFIELD

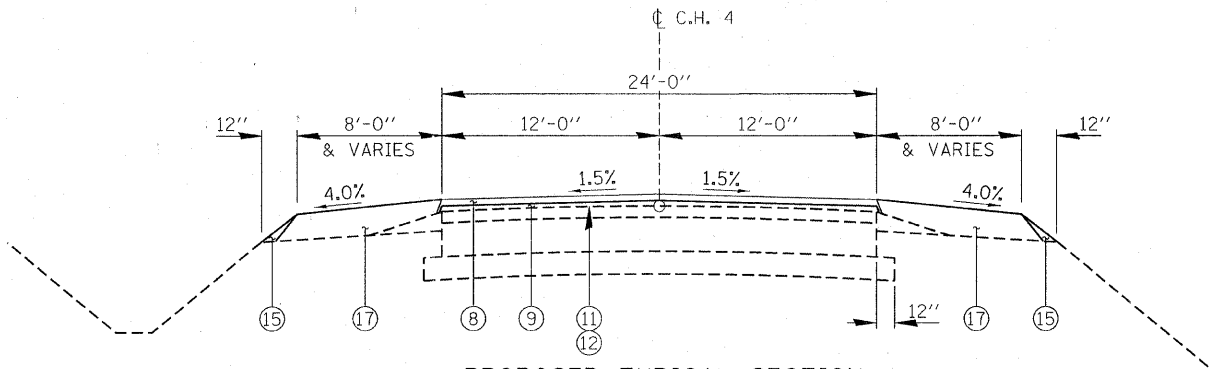
PROJECT NUMBER: 07.0120.320 DATE: 05/06/08
DESIGNED: L.F.S. CHECKED: DRAWN: TWK

EXISTING TYPICAL SECTIONS
F.A.S. 321 / C.H. 4
SECTION 05-00205-02-RS
IROQUOIS COUNTY

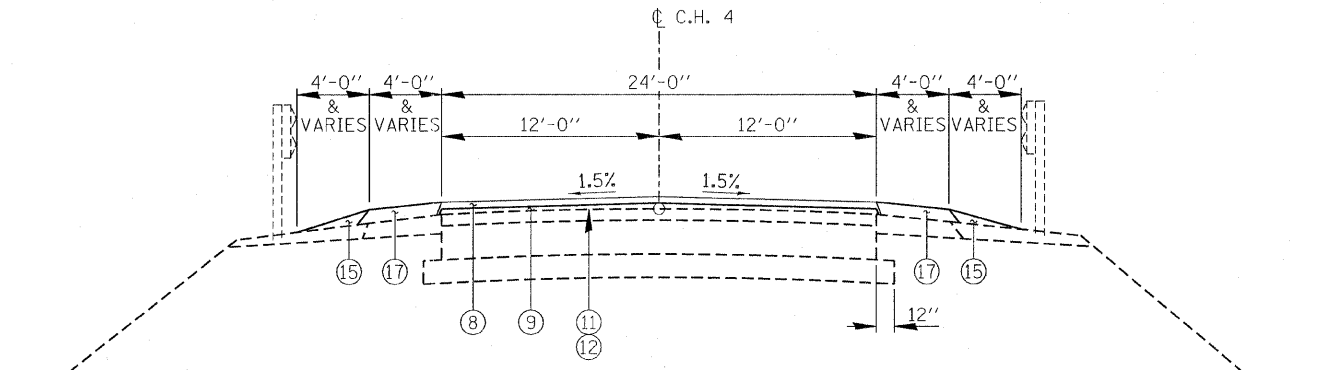
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.S. 321	05-00205-02-RS	IROQUOIS	76	7
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT NO. 87363	



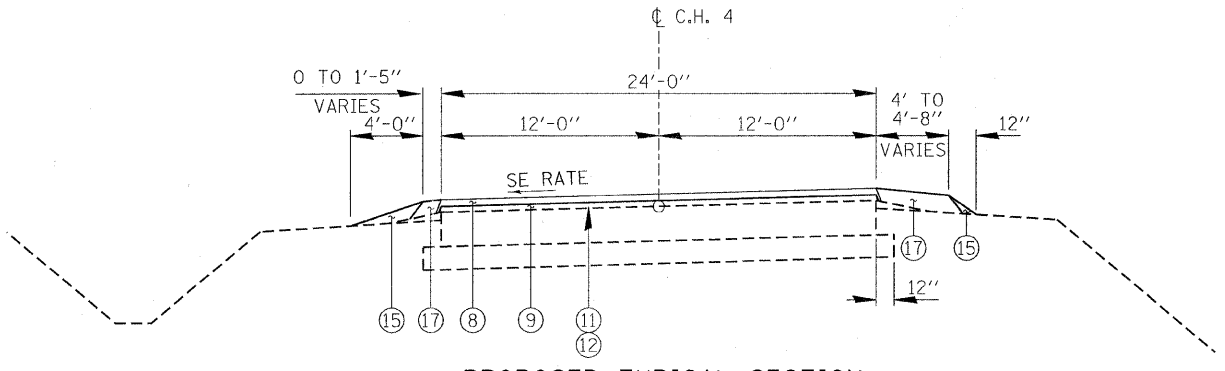
PROPOSED TYPICAL SECTION
STA. 4+85.00 TO STA. 8+85.00
STA. 27+00.00 TO STA. 29+47.17



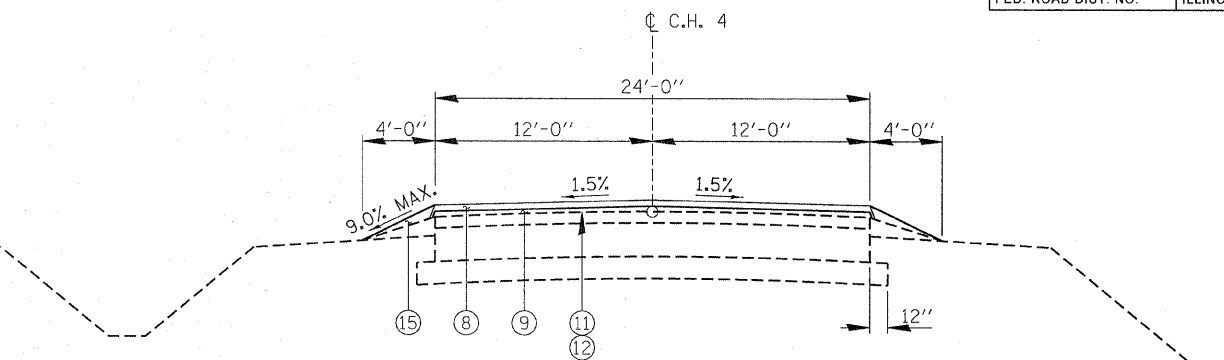
PROPOSED TYPICAL SECTION
STA. 8+85.00 TO STA. 16+00.00
STA. 22+62.00 TO STA. 27+00.00



PROPOSED TYPICAL SECTION
STA. 16+00.00 TO STA. 17+95.01
BRIDGE OMISSION STA. 17+95.01 TO STA. 20+54.27
STA. 20+54.27 TO STA. 22+62.00



PROPOSED TYPICAL SECTION
STA. 29+47.17 TO STA. 30+00.00



PROPOSED TYPICAL SECTION
STA. 35+49.67 TO STA. 40+07.86
STA. 44+45.60 TO STA. 46+18.00

PAVEMENT DESIGN

C.H. 4 STA. 4+85.00 TO STA. 27+00.00

DESIGN PERIOD 20 YEARS

STRUCTURAL DESIGN TRAFFIC (S.D.T.) = 4330 YEAR 2018

P.V. = 3811 S.U. = 303 M.U. = 217

CLASS II ROAD

PERCENT OF S.D.T. IN DESIGN LANE P = 50% S = 50% M = 50%

80,000 LB. LOAD LIMIT

DESIGN PER CHAPTER 37 SECTION 8.08 OF THE BUREAU OF LOCAL ROADS AND STREETS MANUAL

TRAFFIC FACTOR = 1.65

SN_e = 3.3

SN_o = 0

1.5" HMA SURFACE a₁ = .6

1.75" LEVELING BINDER a₂ = .7

LAPP THICKNESS 3.25" MAX.

PAVEMENT DESIGN

C.H. 4 STA. 27+00.00 TO STA. 46+18.00

DESIGN PERIOD 20 YEARS

STRUCTURAL DESIGN TRAFFIC (S.D.T.) = 1575 YEAR 2018

P.V. = 1386 S.U. = 110 M.U. = 79

CLASS III ROAD

PERCENT OF S.D.T. IN DESIGN LANE P = 50% S = 50% M = 50%

80,000 LB. LOAD LIMIT

DESIGN PER CHAPTER 37 SECTION 8.08 OF THE BUREAU OF LOCAL ROADS AND STREETS MANUAL

TRAFFIC FACTOR = 0.59

SN_e = 2.90

SN_o = 0

1.5" HMA SURFACE a₁ = .6

1.75" LEVELING BINDER a₂ = .7

LAPP THICKNESS 3.25" MAX.

- LEGEND
- ① EXISTING AGGREGATE SHOULDER TYPE B

② EXISTING PCC CONCRETE PAVEMENT 9"

③ EXISTING SUB BASE GRANULAR MATERIAL, TYPE A 6"

④ EXISTING HMA SURFACE 3"

⑤ EXISTING CONCRETE PAVEMENT 9-6-9

⑥ EXISTING AGGREGATE BASE COURSE TYPE A 4"

⑦ EXISTING AGGREGATE BASE COURSE 9"

⑧ HOT-MIX ASPHALT SURFACE COURSE, MIX C, N50 (1 1/2" THICKNESS MIN.)

⑨ LEVELING BINDER (MACHINE METHOD) N50 (1.75" THICKNESS MIN.)

⑪ BITUMINOUS MATERIALS (PRIME COAT)

⑫ AGGREGATE (PRIME COAT)

⑬ HOT-MIX ASPHALT SURFACE REMOVAL, BUTT-JOINT

⑭ PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT

⑮ AGGREGATE WEDGE SHOULDER, TYPE B

⑯ INCIDENTAL HOT-MIX ASPHALT SURFACING

⑰ HOT-MIX ASPHALT SHOULDERS 3.25"

⑱ AGGREGATE SURFACE COURSE, TYPE B 6"

HAMPTON, LENZINI & RENWICK, INC.

CIVIL & STRUCTURAL ENGINEERS
LAND SURVEYORS

3085 STEVENSON DRIVE, SUITE 201
SPRINGFIELD, ILLINOIS 62703
(217) 546-3400

ELGIN

SPRINGFIELD

PROJECT NUMBER: 07.0120.320

DATE: 05/06/08

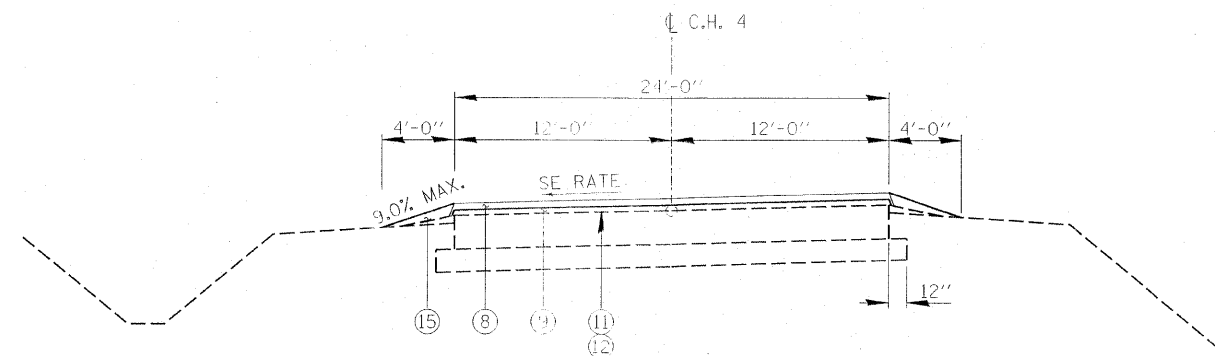
DESIGNED: L.F.S.

CHECKED:

DRAWN: TWK

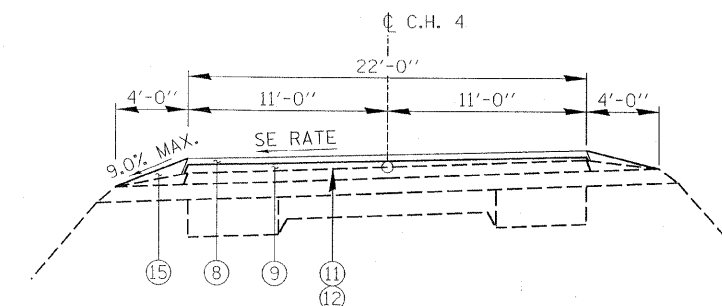
PROPOSED TYPICAL SECTIONS
F.A.S. 321 / C.H. 4
SECTION 05-00205-02-RS
IROQUOIS COUNTY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.S. 321	05-00205-02-RS	IROQUOIS	76	8
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT NO. 87363	



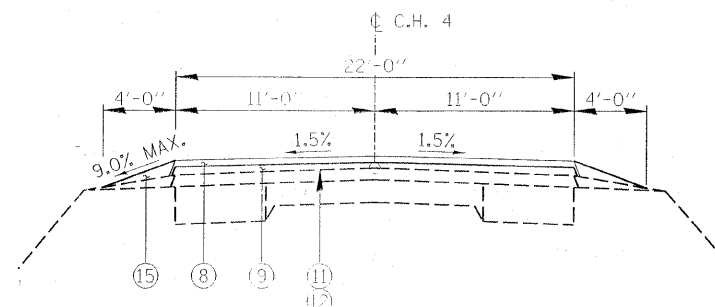
PROPOSED TYPICAL SECTION

STA. 30+00.00 TO STA. 35+49.67
STA. 40+07.86 TO STA. 44+45.60



PROPOSED TYPICAL SUPER SECTION

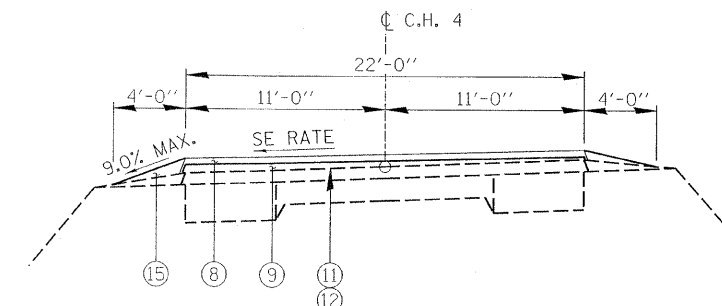
STA. 131+71.15 TO STA. 137+00.00
STA. 140+69.00 TO STA. 147+64.95



PROPOSED TYPICAL SECTION

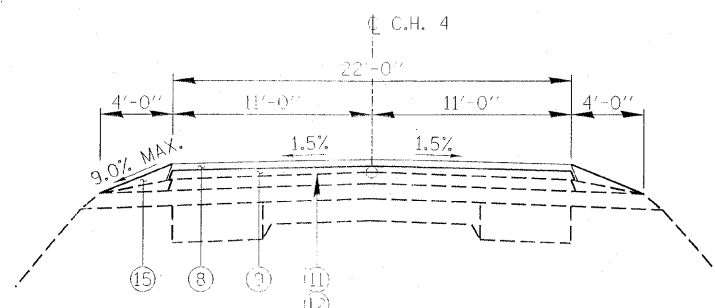
STA. 46+18.00 TO STA. 104+26.00
STA. 138+23.87 TO STA. 140+34.93
STA. 148+08.00 TO STA. 190+75.00

PAVEMENT DESIGN
C.H. 4 STA. 48+16.00 TO STA. 190+75.00
DESIGN PERIOD 11 YEARS
STRUCTURAL DESIGN TRAFFIC (S.D.T.) = 1471 YEAR 2014
P.V. = 1295 S.U. = 103 M.U. = 74
CLASS III ROAD
PERCENT OF S.D.T. IN DESIGN LANE P = 50% S = 50% M = 50%
80,000 LB. LOAD LIMIT
DESIGN PER CHAPTER 37 SECTION 8.08 OF THE BUREAU OF LOCAL ROADS AND STREETS MANUAL
TRAFFIC FACTOR = 0.22
SN _e = 3.3
SN _e = 2
1.5" HMA SURFACE $\sigma_1 = .6$
1.75" LEVELING BINDER $\sigma_2 = .7$
LAPP THICKNESS 3.25" MAX.



PROPOSED TYPICAL SUPER SECTION

STA. 137+00.00 TO STA. 138+23.87
STA. 140+34.93 TO STA. 140+69.00



PROPOSED TYPICAL SECTION

STA. 104+26.00 TO STA. 131+71.15
STA. 147+64.95 TO STA. 148+08.00

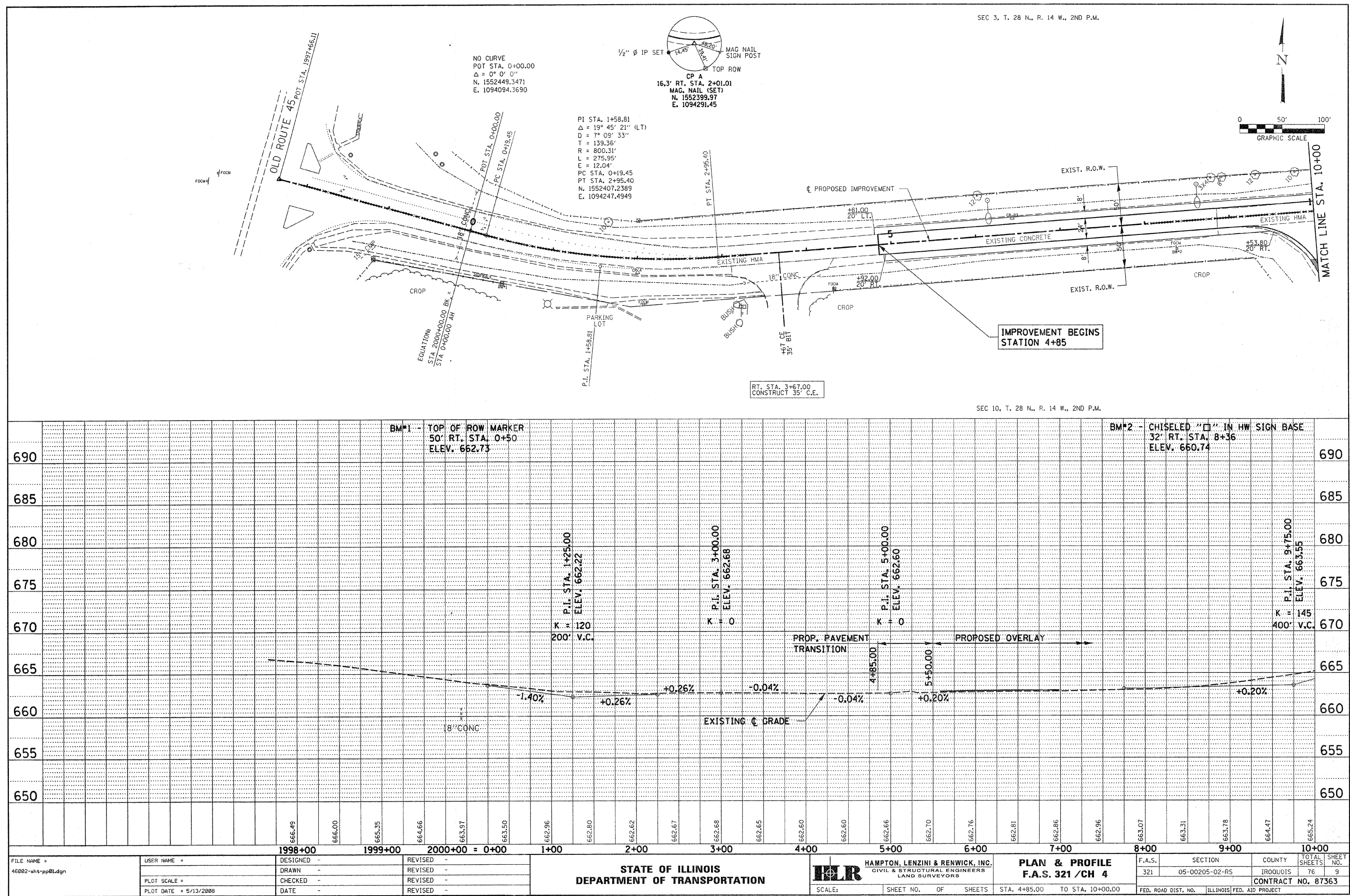
LEGEND

- | | |
|--|---|
| ① EXISTING AGGREGATE SHOULDER TYPE B | ⑪ BITUMINOUS MATERIALS (PRIME COAT) |
| ② EXISTING PCC CONCRETE PAVEMENT 9" | ⑫ AGGREGATE (PRIME COAT) |
| ③ EXISTING SUB BASE GRANULAR MATERIAL, TYPE A 6" | ⑬ HOT-MIX ASPHALT SURFACE REMOVAL, BUTT-JOINT |
| ④ EXISTING HMA SURFACE 3" | ⑭ PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT |
| ⑤ EXISTING CONCRETE PAVEMENT 9-6-9 | ⑮ AGGREGATE WEDGE SHOULDER, TYPE B |
| ⑥ EXISTING AGGREGATE BASE COURSE TYPE A 4" | ⑯ INCIDENTAL HOT-MIX ASPHALT SURFACING |
| ⑦ EXISTING AGGREGATE BASE COURSE 9" | ⑰ HOT-MIX ASPHALT SHOULDERS 3.25" |
| ⑧ HOT-MIX ASPHALT SURFACE COURSE, MIX C, N50 (1 1/2" THICKNESS MIN.) | ⑱ AGGREGATE SURFACE COURSE, TYPE B 6" |
| ⑨ LEVELING BINDER (MACHINE METHOD) N50 (1.75" THICKNESS MIN.) | |

HAMPTON, LENZINI & RENWICK, INC. CIVIL & STRUCTURAL ENGINEERS LAND SURVEYORS 		PROPOSED TYPICAL SECTIONS F.A.S. 321 / C.H. 4 SECTION 05-00205-02-RS IROQUOIS COUNTY	
3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 (217) 546-3400		ELGIN • SPRINGFIELD	
PROJECT NUMBER: 07.0120.320		DATE: 05/06/08	
DESIGNED: L.F.S.		CHECKED:	
DRAWN: TWR			

DATE	BY	SURVEYED	CHECKED	ALIGNED	CHECKED	PLAN
		NOTE BOOK	NO.	NO.	NO.	NO.

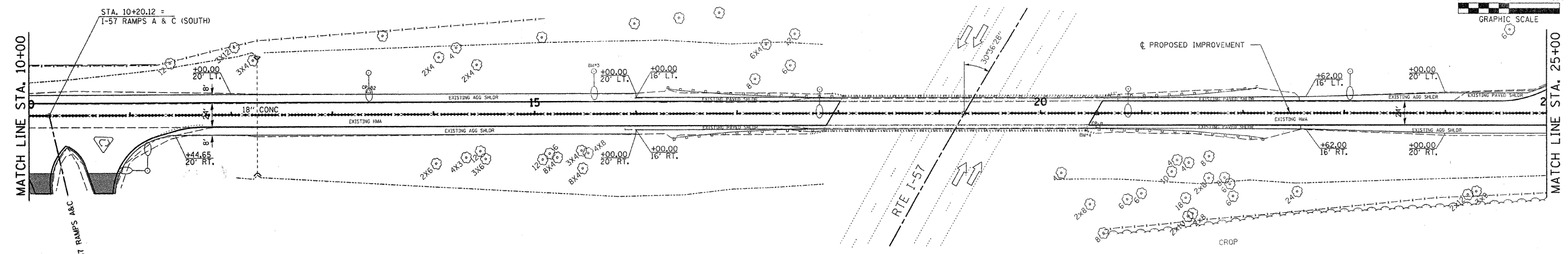
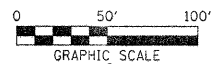
DATE	BY	SURVEYED	CHECKED	GRADES	CHECKED	PROFILE
		NOTE BOOK	NO.	NO.	NO.	NO.



SEC 3, T. 28 N., R. 14 W., 2ND P.M.

ALL TIES FILED
"X" ON GUARD
RAIL POST

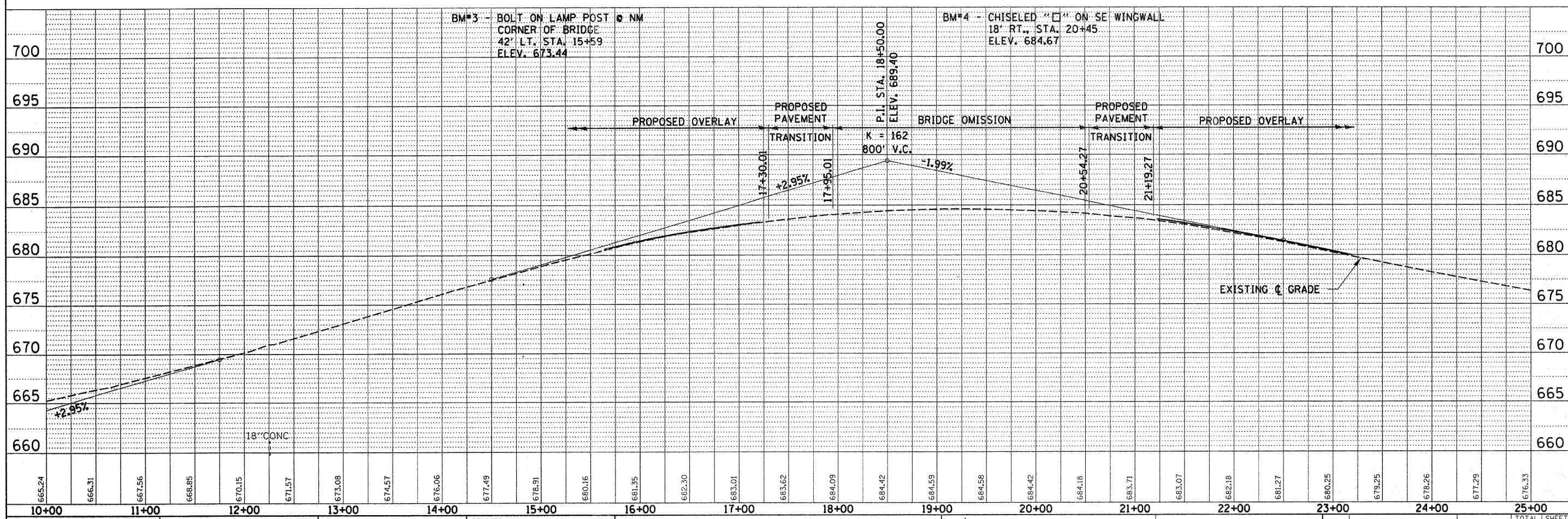
CP B
12.9' RT. STA. 20+56.84
MAG NAIL (SET)
N. 1552539.5135
E. 1096143.7283



A.R. STA 12+25.76 18" R.C.C.P. W/ END SECTIONS
USFL 660.33 @ 59.93' LT. STA 12+25.66
DSFL 658.92 @ 58.13' RT. STA 12+25.77

EXISTING STRUCTURE NO. 038-0135
STATION 19+24.58 - FOUR SPAN WF-BEAM
GRADE SEPARATION STRUCTURE
(CARRYING FAS 321 (CH4) OVER FAI RT57)
SPANS 105'0"-1 1/2", 20'79"-11" AND 10'47"-2"
(30' ROADWAY AND 2 S.W. @ 2' EA.)
SUPPORTED BY R.C. PIERS AND
OPEN R.C. ABUTMENTS.
26'1"-7 1/2" b-b, ABUTS; 35'-8" o-o, DECK

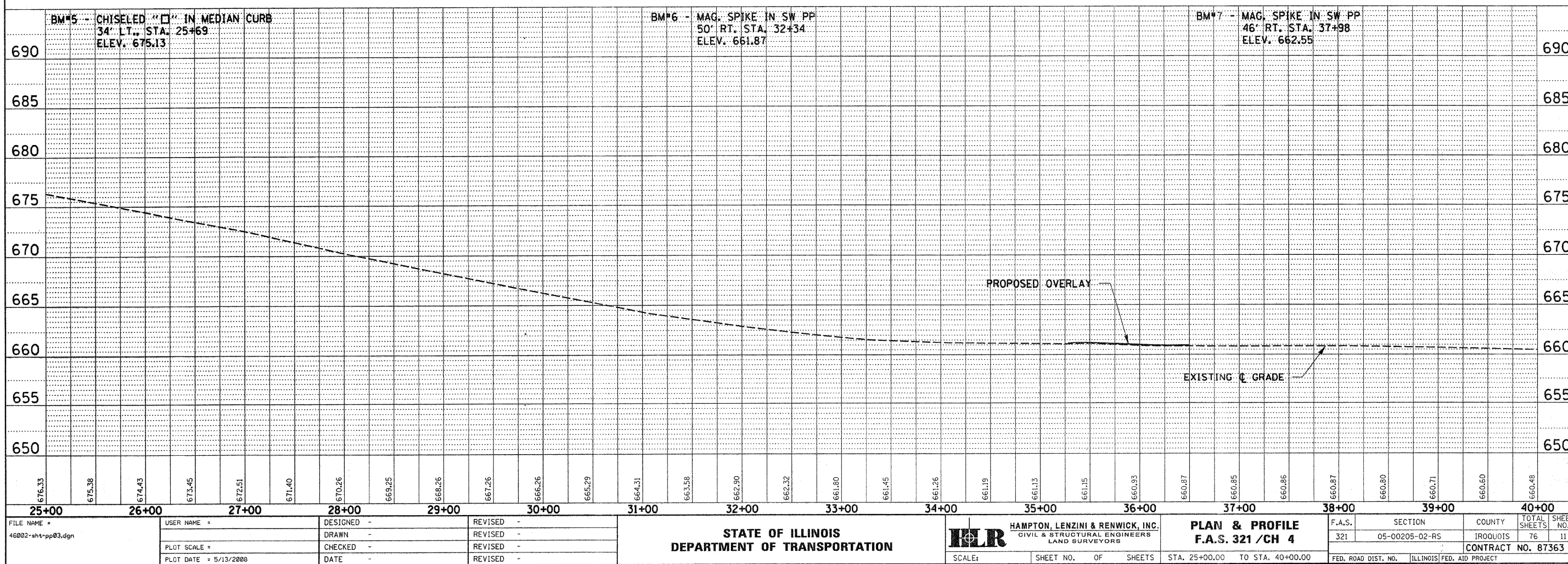
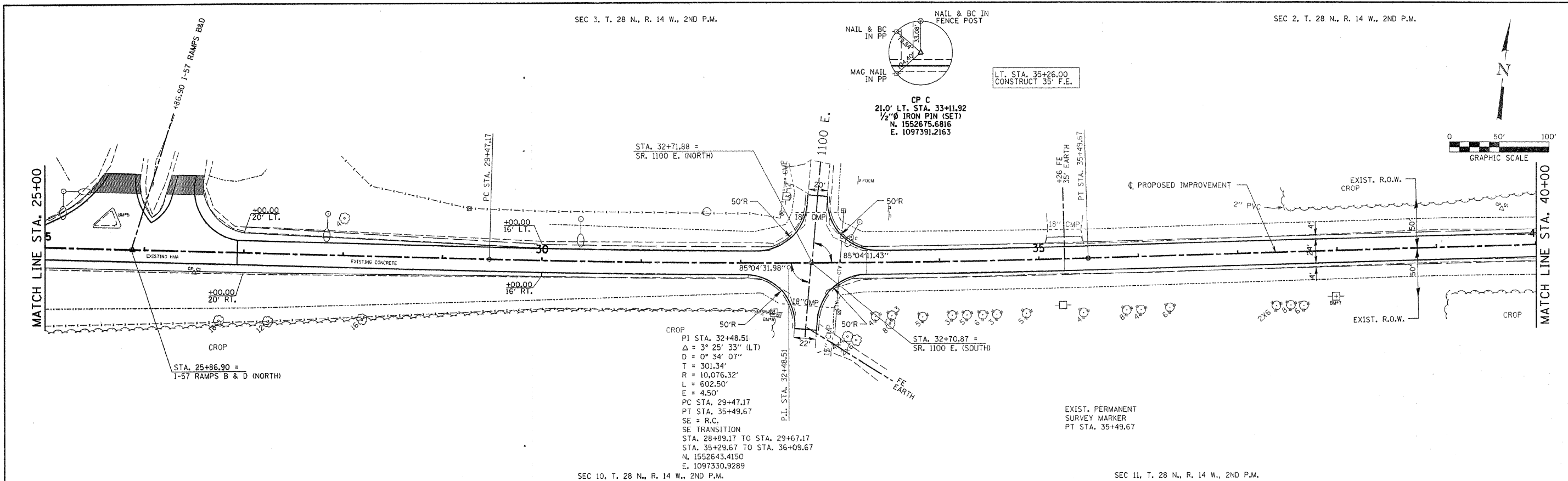
SEC 10, T. 28 N., R. 14 W., 2ND P.M.



FILE NAME = 46802-shr-pp02.dgn	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	 HAMPTON, LENZINI & RENWICK, INC. CIVIL & STRUCTURAL ENGINEERS LAND SURVEYORS	PLAN & PROFILE F.A.S. 321 / CH 4	F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -				321	05-00205-02-RS	IRROQUOIS	76	10
	PLOT SCALE =	CHECKED -	REVISED -				CONTRACT NO. 87363				
	PLOT DATE = 5/13/2008	DATE -	REVISED -				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

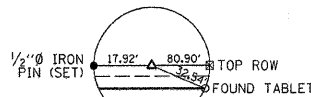
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	REVIEWED	DATE
	NOTED	DATE
	NO.	DATE

PROFILE	DATE	BY
	REVIEWED	DATE
	NOTED	DATE
	NO.	DATE

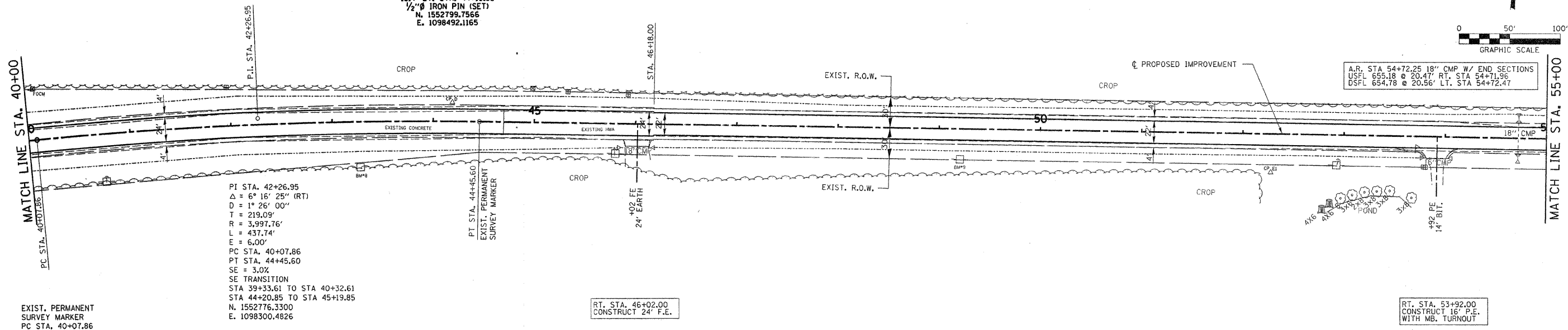
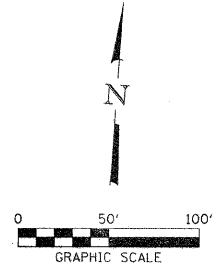


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PLOT SCALE =	CHECKED -	REVISED -	CONTRACT NO. 87363								
PLOT DATE = 5/13/2008	DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								
SCALE: SHEET NO. OF SHEETS STA. 25+00.00 TO STA. 40+00.00											

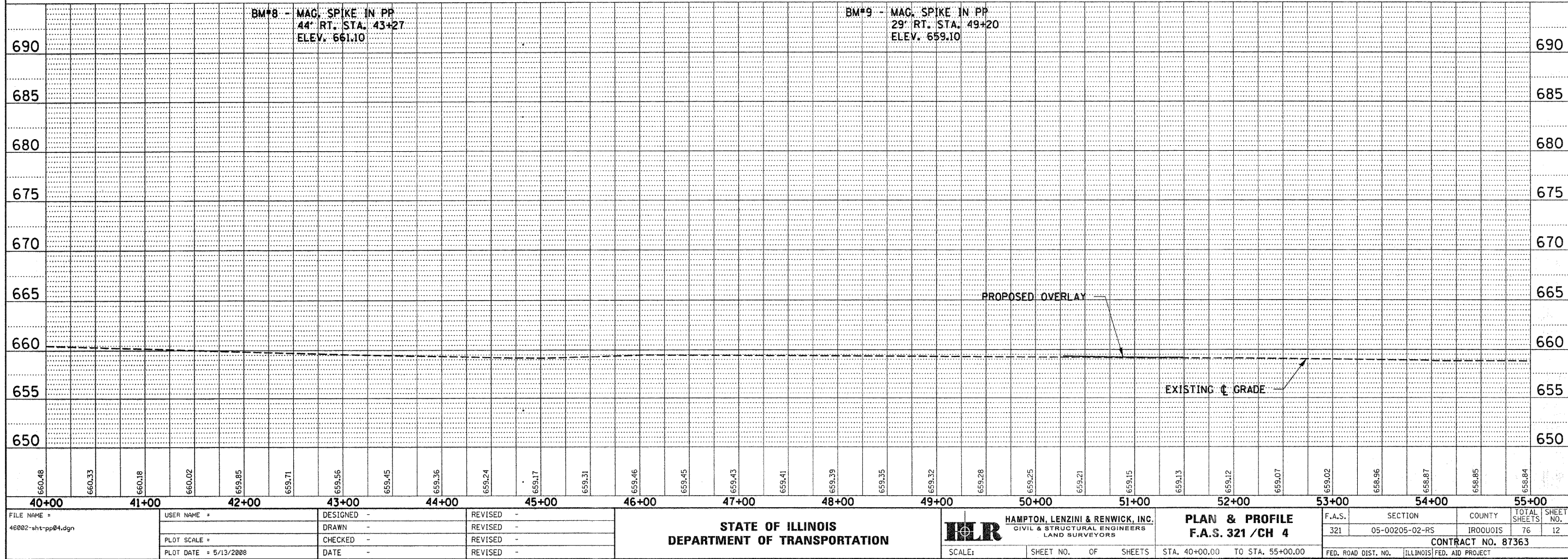
SEC 2, T. 28 N., R. 14 W., 2ND P.M.



CP D
18.4' LT. STA. 44+18.83
1/2" IRON PIN (SET)
N. 1552799.7566
E. 1098492.1165

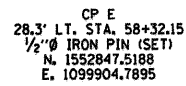


SEC 11, T. 28 N., R. 14 W., 2ND P.M.

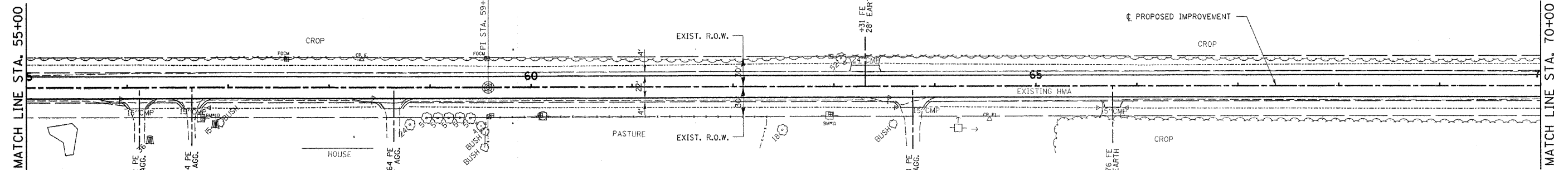
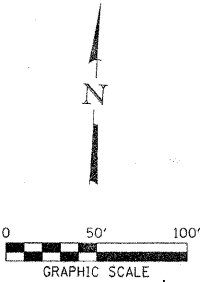


FILE NAME = 46802-shr-pp04.dgn	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HAMPTON, LENZINI & RENWICK, INC. CIVIL & STRUCTURAL ENGINEERS LAND SURVEYORS	PLAN & PROFILE F.A.S. 321 / CH 4	F.A.S. 321	SECTION 05-00205-02-RS	COUNTY IROQUOIS	TOTAL SHEET NO. 76	12
PLOT SCALE =	CHECKED -	REVISED -	CONTRACT NO. 87363				ILLINOIS FED. AID PROJECT				
PLOT DATE = 5/13/2008	DATE -	REVISED -									

LT. STA. 63+31.00
CONSTRUCT 28' F.E.



NO CURVE
PI STA. 59+57.50
 $\Delta = 0^\circ 11' 52.26''$ (LT)
N. 1552822.6162
E. 1100030.8533



RT. STA. 56+12.00
CONSTRUCT 12' P.E.
WITH MB TURNOUT

RT. STA. 56+64.00
CONSTRUCT 12' P.E.

RT. STA. 58+64.00
CONSTRUCT 13' P.E.
WITH MB TURNOUT

RT. STA. 63+78.00
CONSTRUCT 19' P.E.
WITH MB. TURNOUT

RT. STA. 65+76.00
CONSTRUCT 16' F.E.

EXIST. PERMANENT
SURVEY MARKER
PI STA. 59+57.50

The profile view graph displays the existing and proposed road grades over a 15-station segment from 55+00 to 70+00. The vertical axis represents elevation in feet, ranging from 640 to 680. The horizontal axis represents stationing.

Key Features:

- Existing Grade:** Represented by a solid line with data points labeled with elevations (e.g., 658.84 at 55+00, 651.71 at 70+00).
- Proposed Overlay:** Represented by a dashed line, showing a slight increase in elevation compared to the existing grade in the middle section.
- Vertical Curves:**
 - VC1:** Starts at station 57+00 (P.I. STA. 58+00.00, ELEV. 658.70) and ends at station 59+00. Grade changes from -0.07% to -0.54%.
 - VC2:** Starts at station 62+00 (P.I. STA. 63+00.00, ELEV. 656.00) and ends at station 64+00. Grade changes from -0.54% to -0.68%.
 - VC3:** Starts at station 68+00 (P.I. STA. 69+00.00, ELEV. 651.90) and ends at station 70+00. Grade changes from -0.68% to -0.29%.
- Grade Percentages:** Labeled along the profile: -0.07%, -0.54%, -0.54%, -0.68%, -0.68%, and -0.29%.
- Benches:**
 - BM*10:** MAG. SPIKE IN PP 30' RT. STA. 56+72 ELEV. 658.91
 - BM*11:** MAG. SPIKE IN PP 29' RT. STA. 62+95 ELEV. 656.20

Station	Existing Elevation (ft)	Proposed Elevation (ft)	Grade (%)
55+00	658.84	658.84	
56+00	658.82	658.82	
57+00	658.80	658.80	
58+00	658.78	658.78	
59+00	658.74	658.74	
60+00	658.68	658.68	
61+00	658.63	658.63	
62+00	658.44	658.44	
63+00	658.25	658.25	
64+00	658.05	658.05	
65+00	657.69	657.69	
66+00	657.44	657.44	
67+00	657.20	657.20	
68+00	656.92	656.92	
69+00	656.64	656.64	
70+00	656.34	656.34	

FILE NAME =
46002-sht-pp05.dgn

USER NAME =
PLOT SCALE =
PLOT DATE = 5/13/2008

DESIGNED
DRAWN
CHECKED
DATE

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



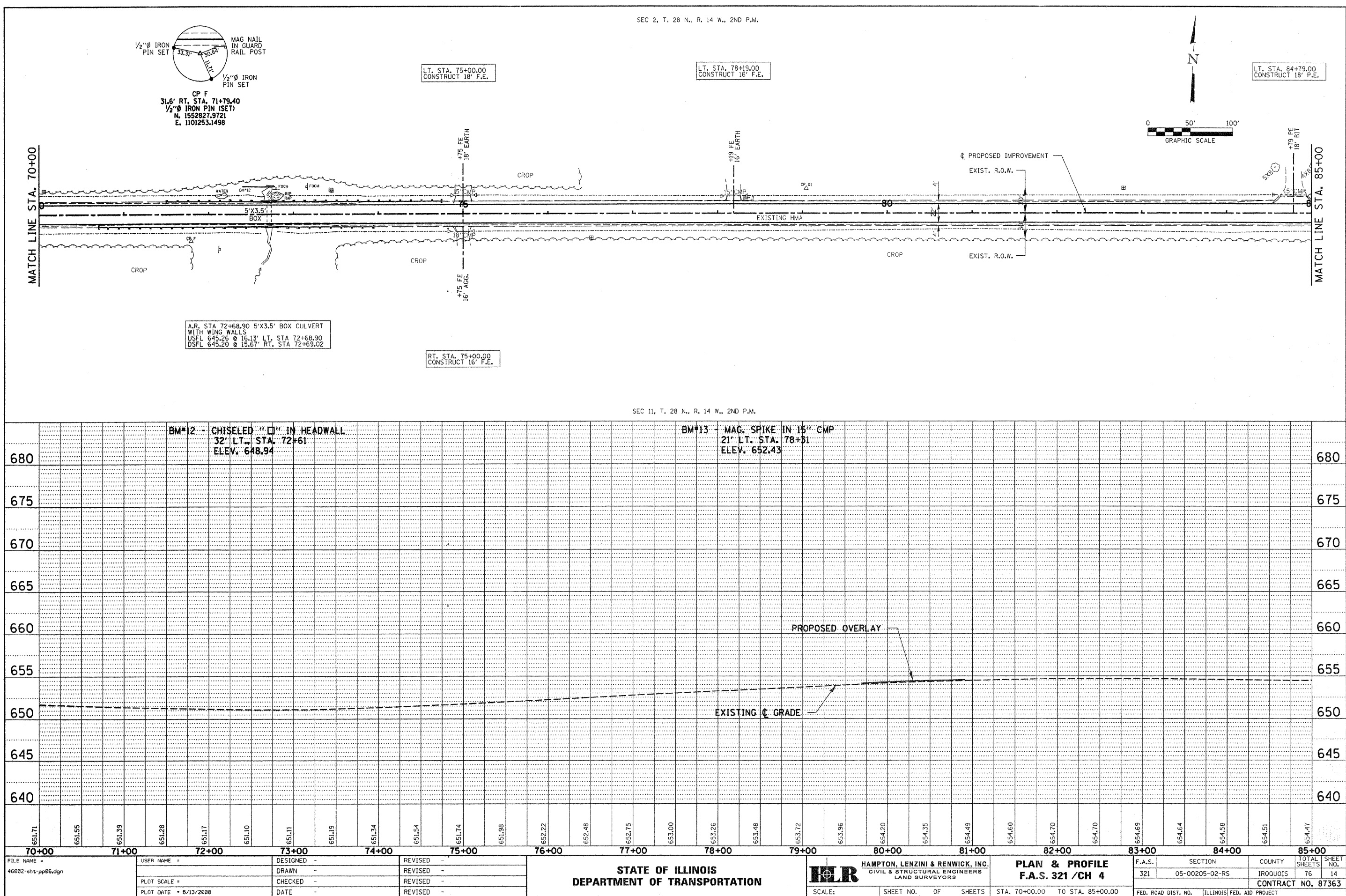
HAMPTON, LENZINI & RENWICK, INC.
CIVIL & STRUCTURAL ENGINEERS
LAND SURVEYORS

PLAN & PROFILE
F.A.S. 321 /CH 4

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	05-00205-02-RS	IRROUOIS	76	13
CONTRACT NO. 87363				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

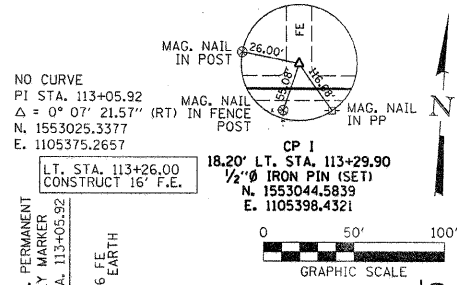
PLAN	SURVEYED	BY	DATE
	ALIGNED		
NOTE BOOK	NOTED		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
	NOTED		
NOTE BOOK	NOTED		
	FILE NAME		



SCALE:		SHEET NO. OF SHEETS		STA. 85+00.00 TO STA. 100+00.00		FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT	
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SEC 1, T. 28 N., R. 14 W., 2ND P.M.



NO CURVE
PI STA. 113+05.92
 $\Delta = 0^\circ 07' 21.57''$ (RT) IN FENCE
N. 1553025.3377
E. 1105375.2657

LT. STA. 112+43.00
CONSTRUCT 21' P.E.

CP 1
18.20' LT. STA. 113+29.90
1/2" IRON PIN (SET)
N. 1553044.5839
E. 1105398.4321

LT. STA. 113+26.00
CONSTRUCT 16' F.E.

EXIST. PERMANENT
SURVEY MARKER
PI STA. 113+05.92

EXIST. PERMANENT
SURVEY MARKER
PI STA. 113+05.92

A.R. STA 113+24.59 2'X2' BOX WITH
2'X2.5' CMP EXTENSION & END SECTION ON RT.
DSFL 651.63 @ 19.97' RT. STA 113+32.45

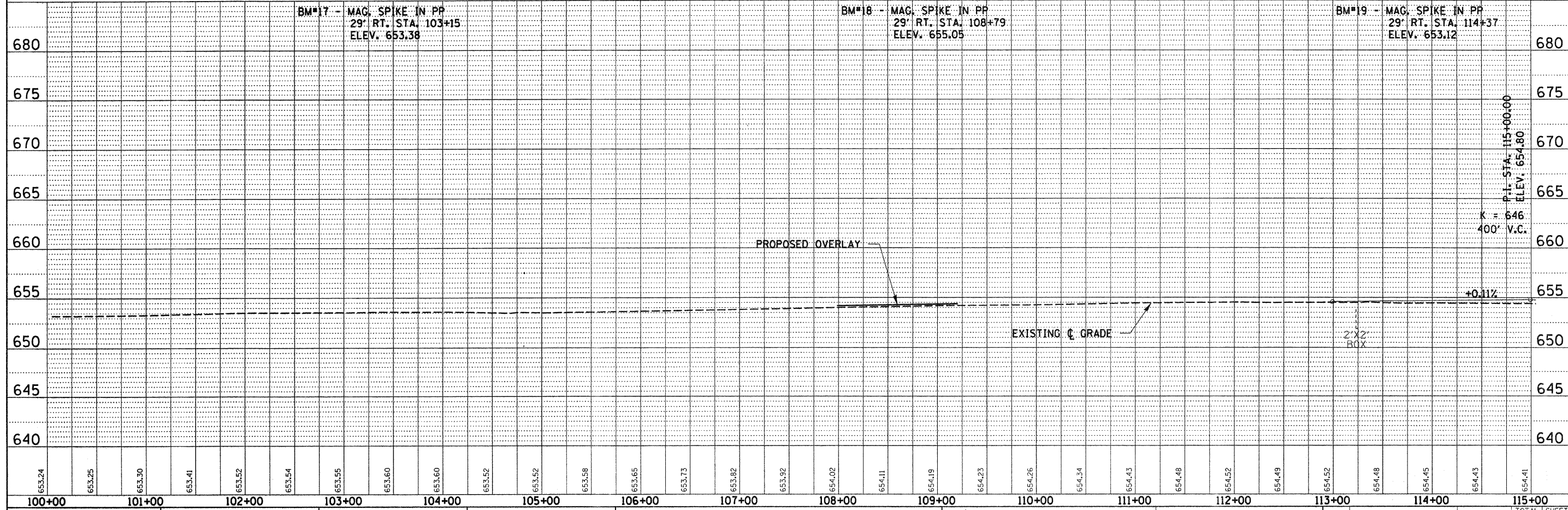
LT. STA. 103+52.00
CONSTRUCT 16' F.E.

MATCH LINE STA. 100+00

MATCH LINE STA. 115+00

RT. STA. 104+67.00
CONSTRUCT 20' F.E.

SEC 12, T. 28 N., R. 14 W., 2ND P.M.



FILE NAME =		USER NAME =	DESIGNED -	REVISED -	 STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION HAMPTON, LENZINI & RENWICK, INC. CIVIL & STRUCTURAL ENGINEERS LAND SURVEYORS PLAN & PROFILE F.A.S. 321 / CH 4	F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46002-sht-pp08.dgn			DRAWN -	REVISED -		321	05-00205-02-RS	IROQUOIS	76	16
PLOT SCALE =			CHECKED -	REVISED -		CONTRACT NO. 87363				
PLOT DATE = 5/13/2008			DATE -	REVISED -		FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				
					SCALE:	SHEET NO. OF SHEETS		STA. 100+00.00 TO STA. 115+00.00		

FILE NAME =
46802-shr-pp08.dgn

USER NAME =
PLOT SCALE =
PLOT DATE = 5/13/2008

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

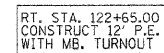
HLR
HAMPTON, LENZINI & RENWICK, INC.
CIVIL & STRUCTURAL ENGINEERS
LAND SURVEYORS

PLAN & PROFILE
F.A.S. 321 / CH 4

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	05-00205-02-RS	IRROQUOIS	76	16
CONTRACT NO. 87363				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

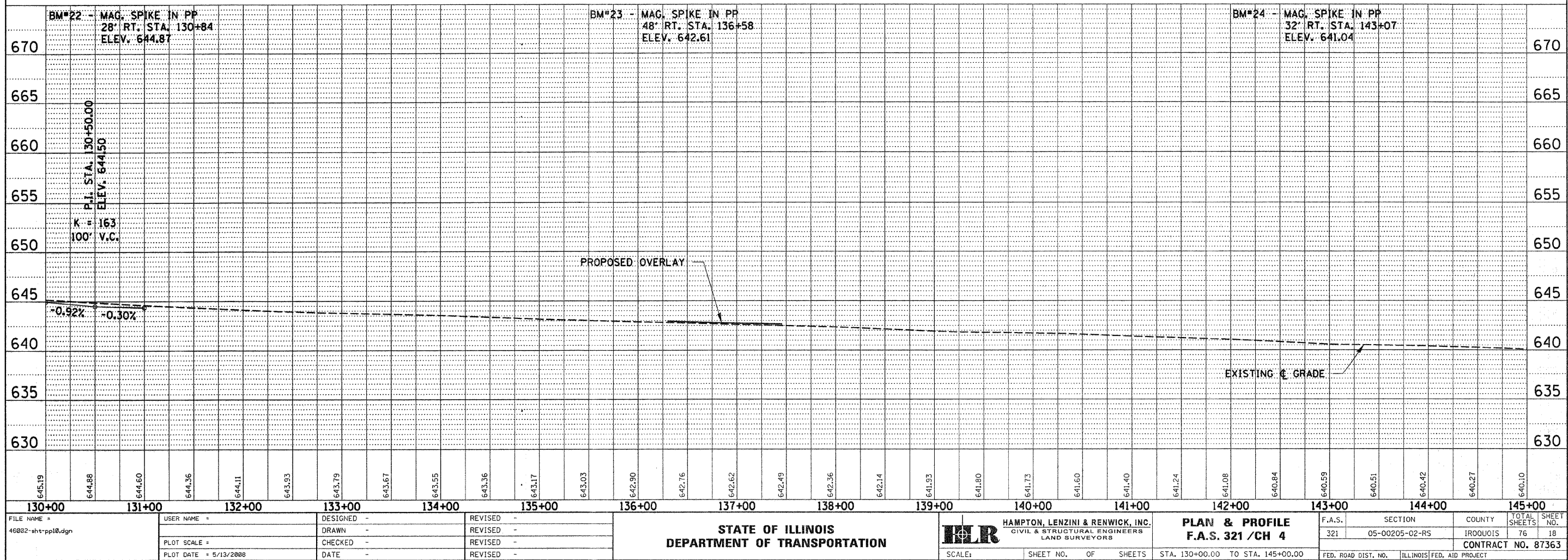
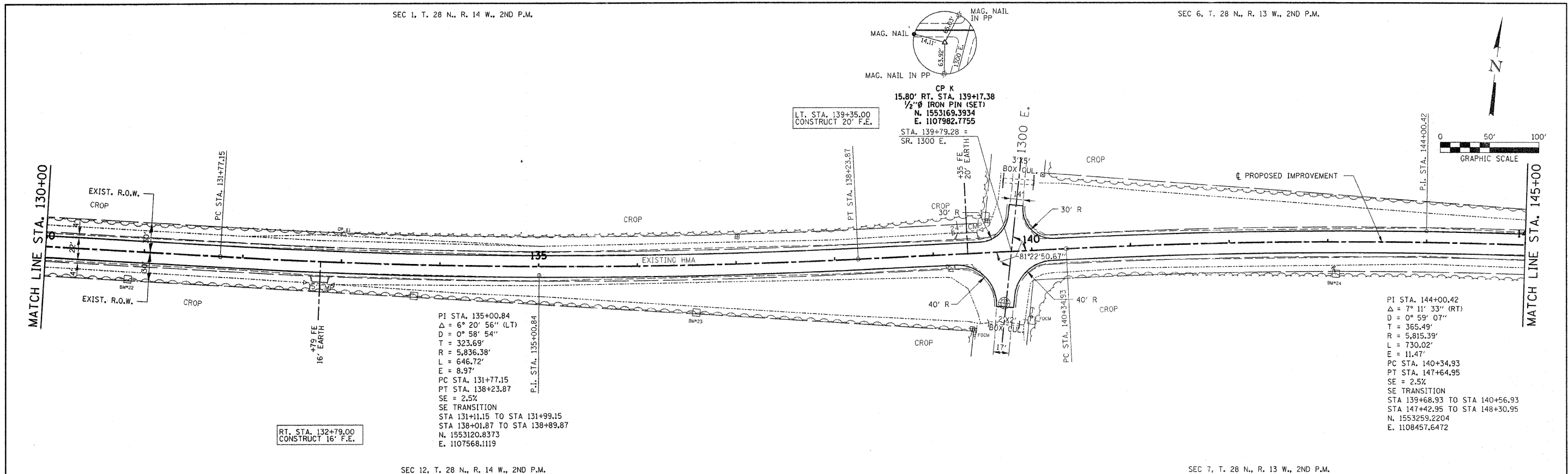
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NOTE BOOK	ALIGNED CHECKED	
NO.	BY	

PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	
NO.	BY	

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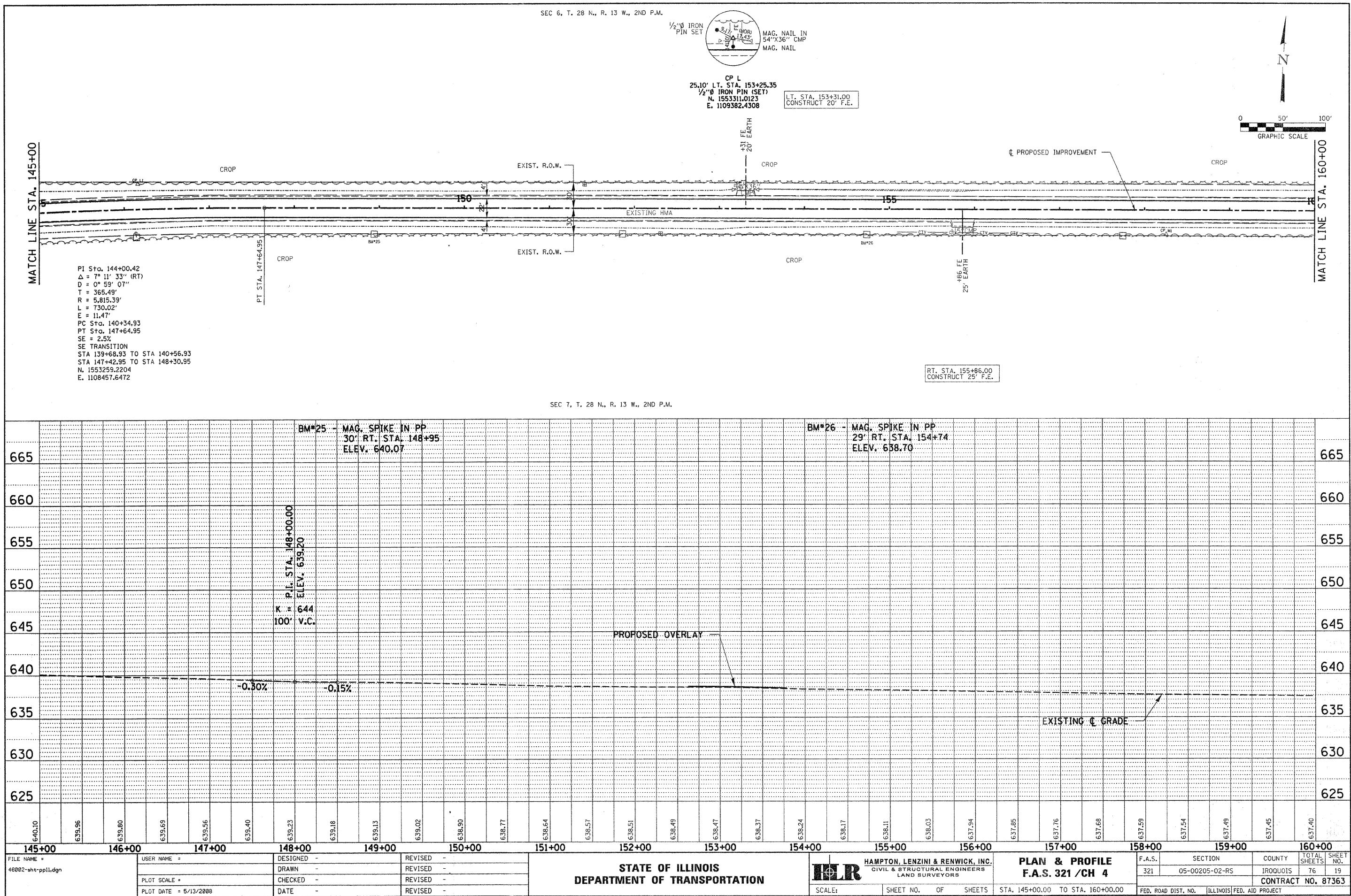
PLAN	SURVEYED	DATE
	ALIGNED	BY
	NOTE BOOK	
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PROFILE	SURVEYED	DATE
	GRADES CHECKED	BY
	NOTE BOOK	
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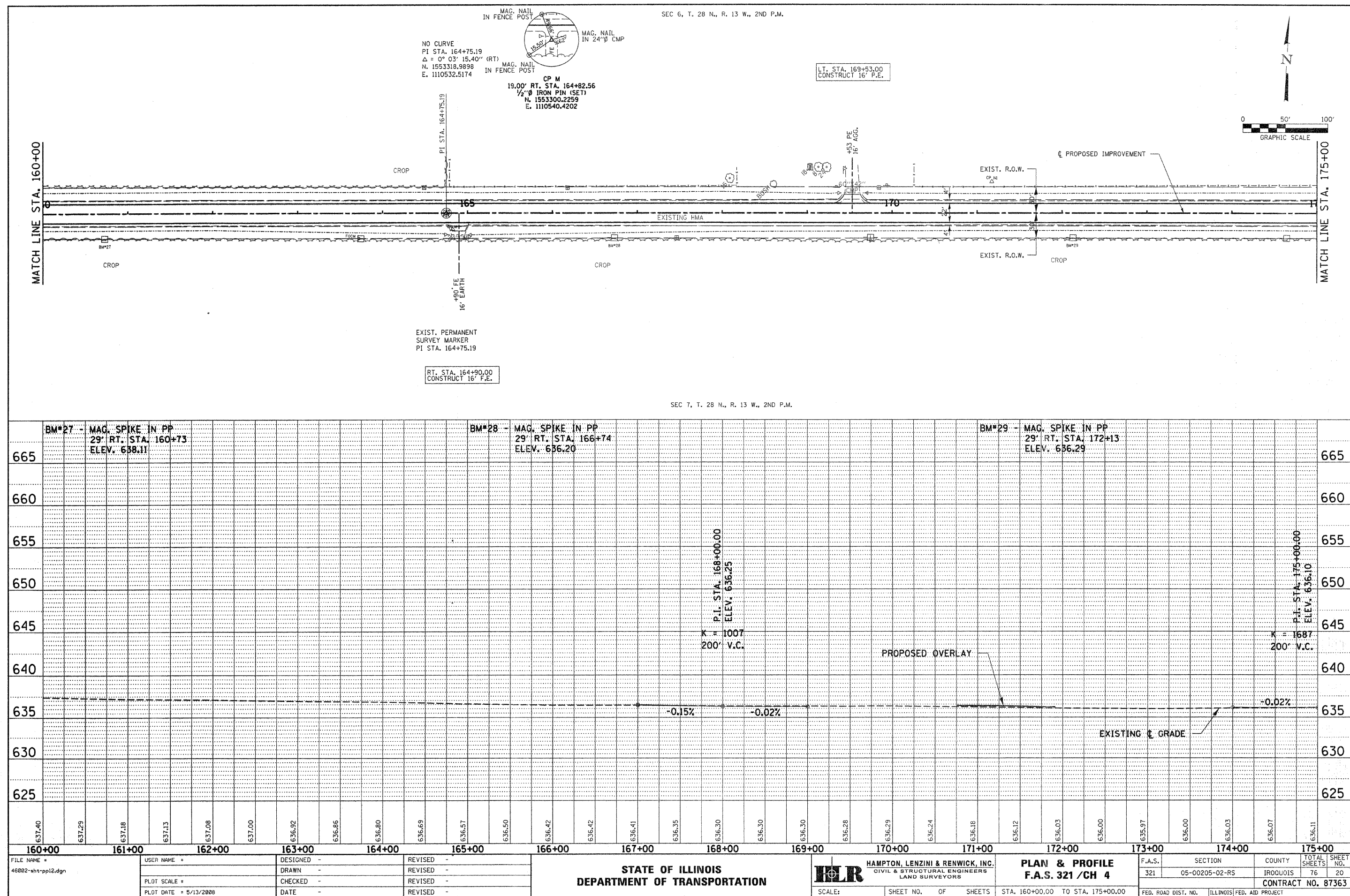


PLAN	SURVEYED	DATE
	NOTE BOOK	BY
PROFILE	GRADES CHECKED	DATE
	STRUCTURE NOTATION CHECKED	BY

PROFILE	SURVEYED	DATE
	NOTE BOOK	BY
PLAN	GRADES CHECKED	DATE
	STRUCTURE NOTATION CHECKED	BY

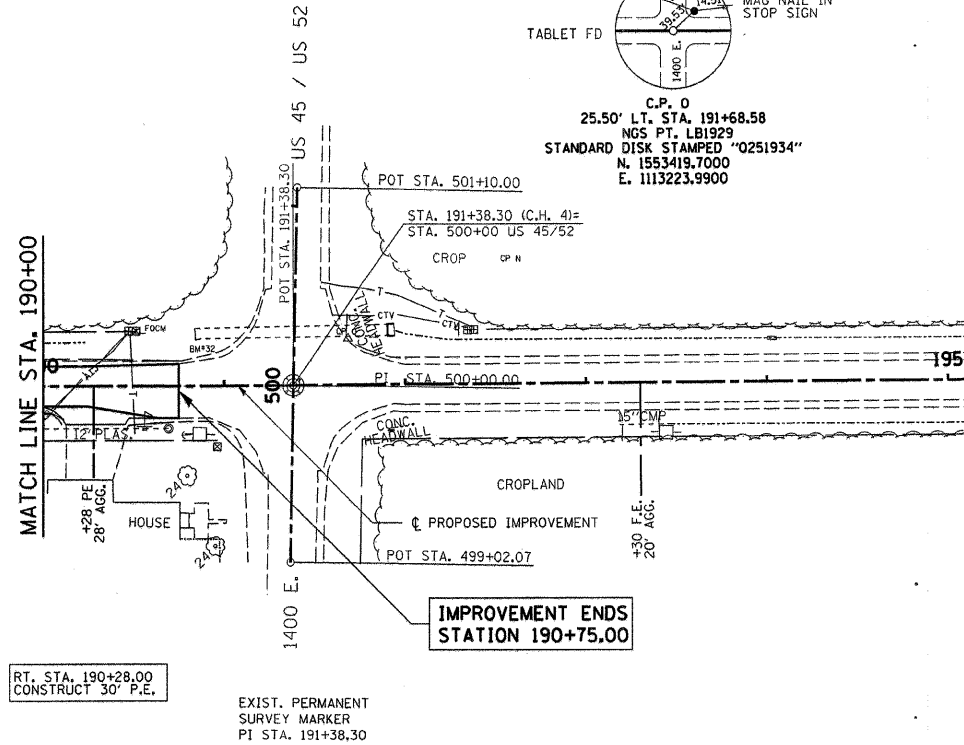
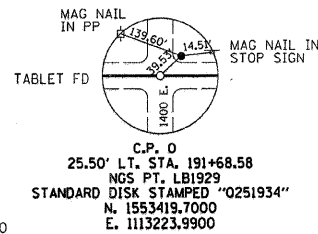


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	PLOTTED		
	GRADES CHECKED		
	B.M. NOTED		
	STRUCTURE NOTATIONS CHECKED		
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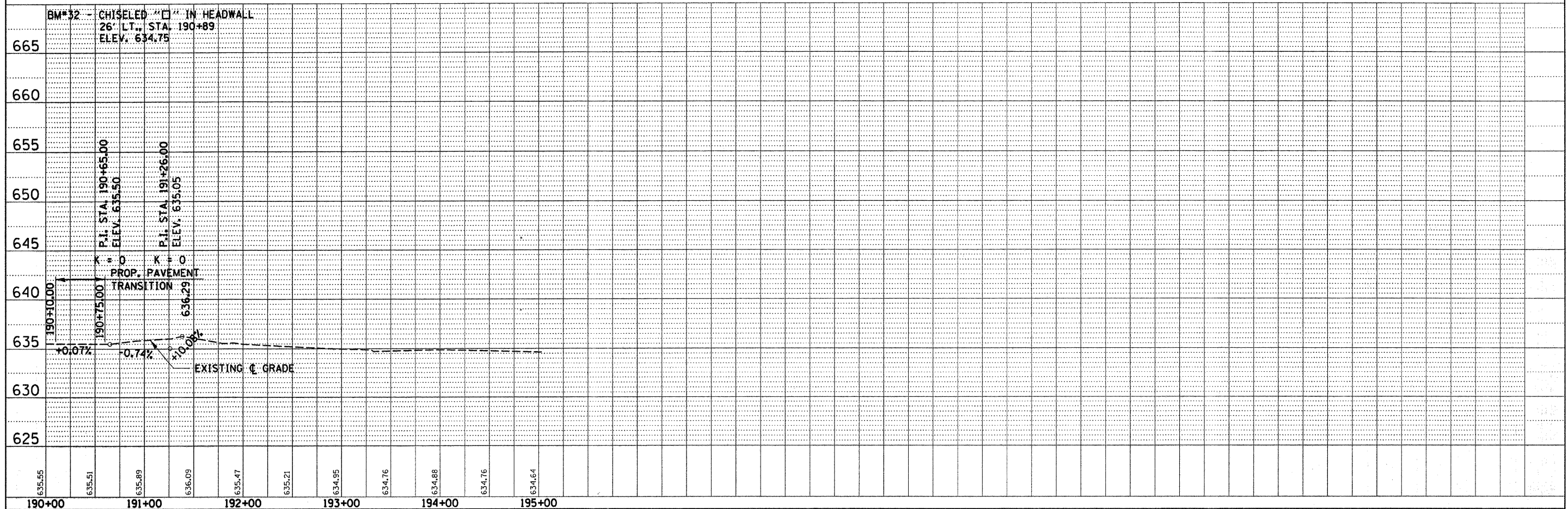
SEC 6, T. 28 N.,
R. 13 W., 2ND P.M.

SEC 5, T. 28 N., R. 13 W., 2ND P.M.



SEC 7, T. 28 N.,
R. 13 W., 2ND P.M.

SEC 8, T. 28 N., R. 13 W., 2ND P.M.



FILE NAME =	USER NAME =	DESIGNED -	REVISED -
46002-sht-pp14.dgn		DRAWN -	REVISED -
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PLOT DATE = 5/13/2008			

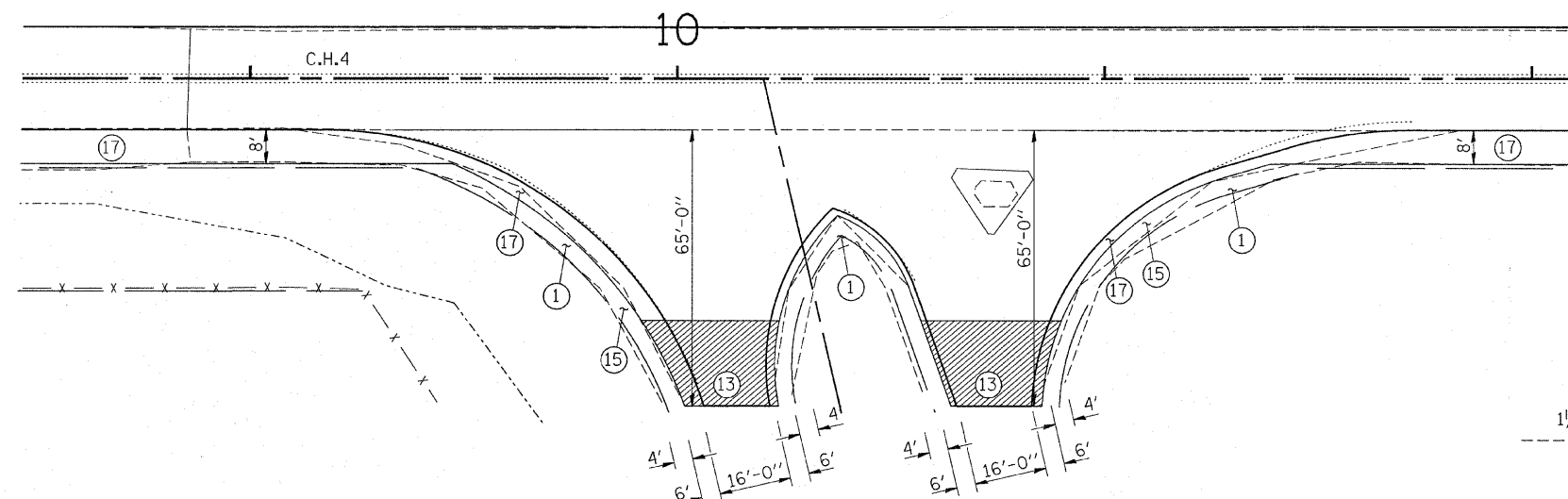
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:	SHEET NO.	OF	SHEETS

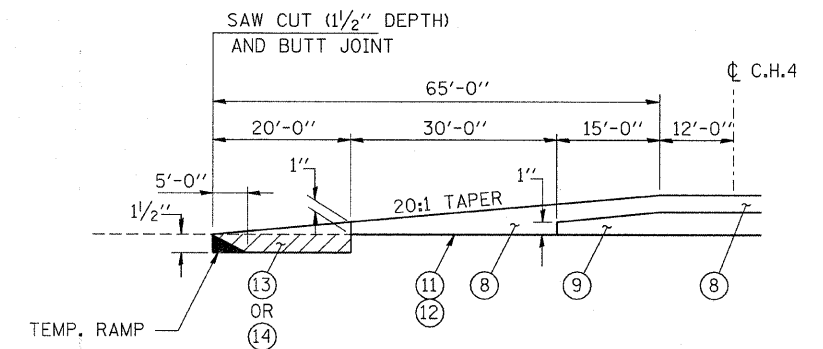
PLAN & PROFILE
F.A.S. 321 / CH 4

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	05-00205-02-RS	IROQUOIS	76	22
CONTRACT NO. 87363				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

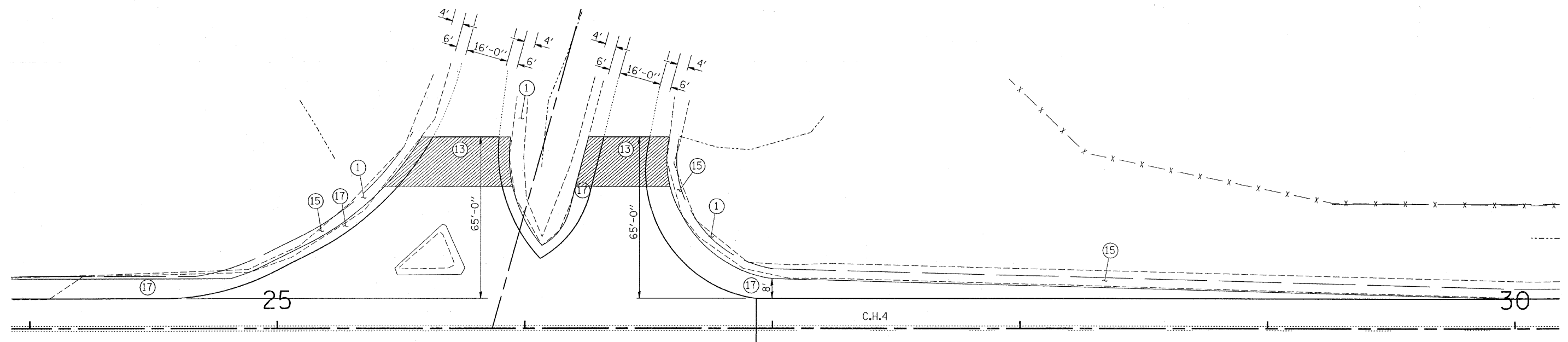
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.S. 321	05-00205 -02-RS	IROQUOIS	76	24
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT NO. 87363	



I-57 RAMPS A&C DETAIL



PAVEMENT TRANSITION DETAIL



I-57 RAMPS B&D DETAIL

LEGEND

- | | |
|---|---|
| ① EXISTING AGGREGATE SHOULDER TYPE B | ⑪ BITUMINOUS MATERIALS (PRIME COAT) |
| ② EXISTING PCC CONCRETE PAVEMENT 9" | ⑫ AGGREGATE (PRIME COAT) |
| ③ EXISTING SUB BASE GRANULAR MATERIAL, TYPE A 6" | ⑬ HOT-MIX ASPHALT SURFACE REMOVAL, BUTT-JOINT |
| ④ EXISTING HMA SURFACE 3" | ⑭ PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT |
| ⑤ EXISTING CONCRETE PAVEMENT 9-6-9 | ⑮ AGGREGATE WEDGE SHOULDER, TYPE B |
| ⑥ EXISTING AGGREGATE BASE COURSE TYPE A 4" | ⑯ INCIDENTAL HOT-MIX ASPHALT SURFACING |
| ⑦ EXISTING AGGREGATE BASE COURSE 9" | ⑰ HOT-MIX ASPHALT SHOULDERS 3.25" |
| ⑧ HOT-MIX ASPHALT SURFACE COURSE, MIX C, N50 (1½" THICKNESS MIN.) | ⑱ AGGREGATE SURFACE COURSE, TYPE B 6" |
| ⑨ LEVELING BINDER (MACHINE METHOD) N50 (1.75" THICKNESS MIN) | |

HAMPTON, LENZINI & RENWICK, INC.
CIVIL & STRUCTURAL ENGINEERS
LAND SURVEYORS

3085 STEVENSON DRIVE, SUITE 201
SPRINGFIELD, ILLINOIS 62703
(217) 546-3400

HLR

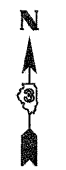
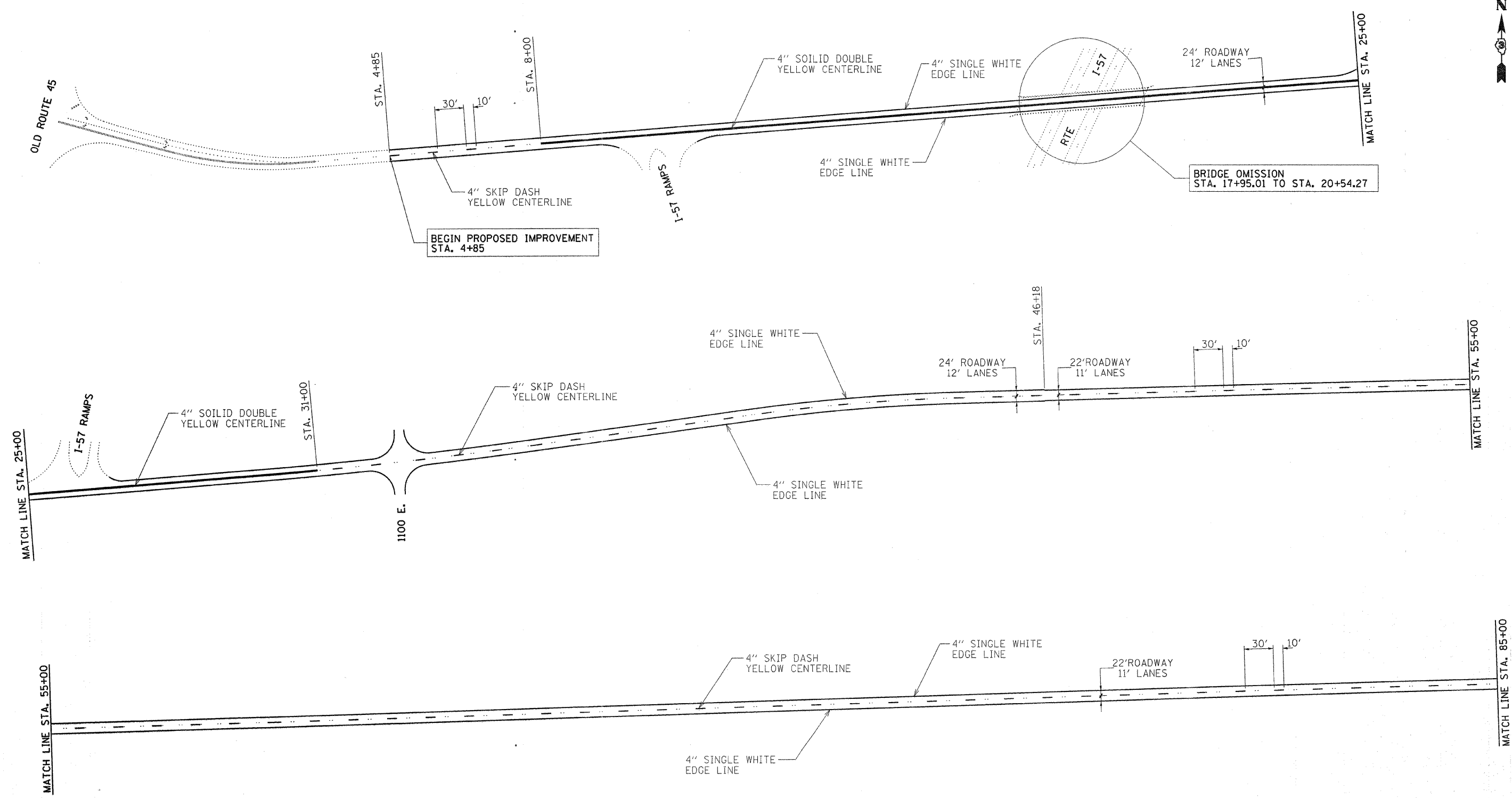
ELGIN • SPRINGFIELD

PROJECT NUMBER: 07.0120.320	DATE: 05/07/08
DESIGNED: L.F.S.	CHECKED: DRAWN: W.J.S.

I-57 RAMP DETAILS

F.A.S. 321 / C.H. 4
SECTION 05-00205-02-RS
IROQUOIS COUNTY

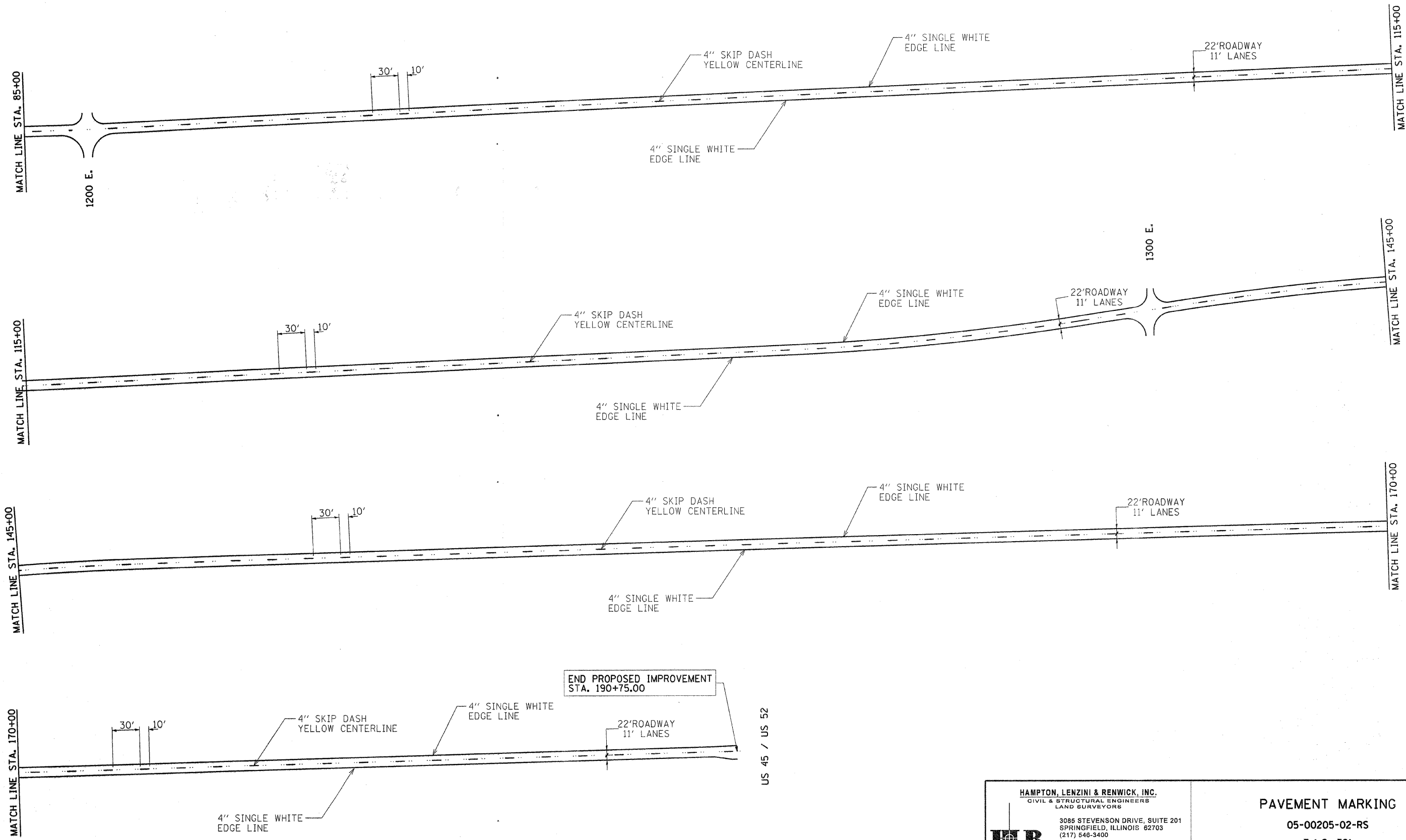
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.S. 321	05-00205-02-RS	IROQUOIS	76	25
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT NO. 87383	



PLOT DATE: 15/13/2008 FILE NAME: 46002-shr-pvmtm-k.dgn

HAMPTON, LENZINI & RENWICK, INC. CIVIL & STRUCTURAL ENGINEERS LAND SURVEYORS 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 (217) 546-3400		PAVEMENT MARKING 05-00205-02-RS F.A.S. 321 IROQUOIS COUNTY	
ELGIN • SPRINGFIELD PROJECT NUMBER: 07.0120.320 DESIGNED: L.F.S.		DATE: 05/05/08 CHECKED: DRAWN: WJS	

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.S. 321	05-00205-02-RS	IROQUOIS	76	26
FED. ROAD DIST. NO.		ILLINOIS CONTRACT NO. 87383		



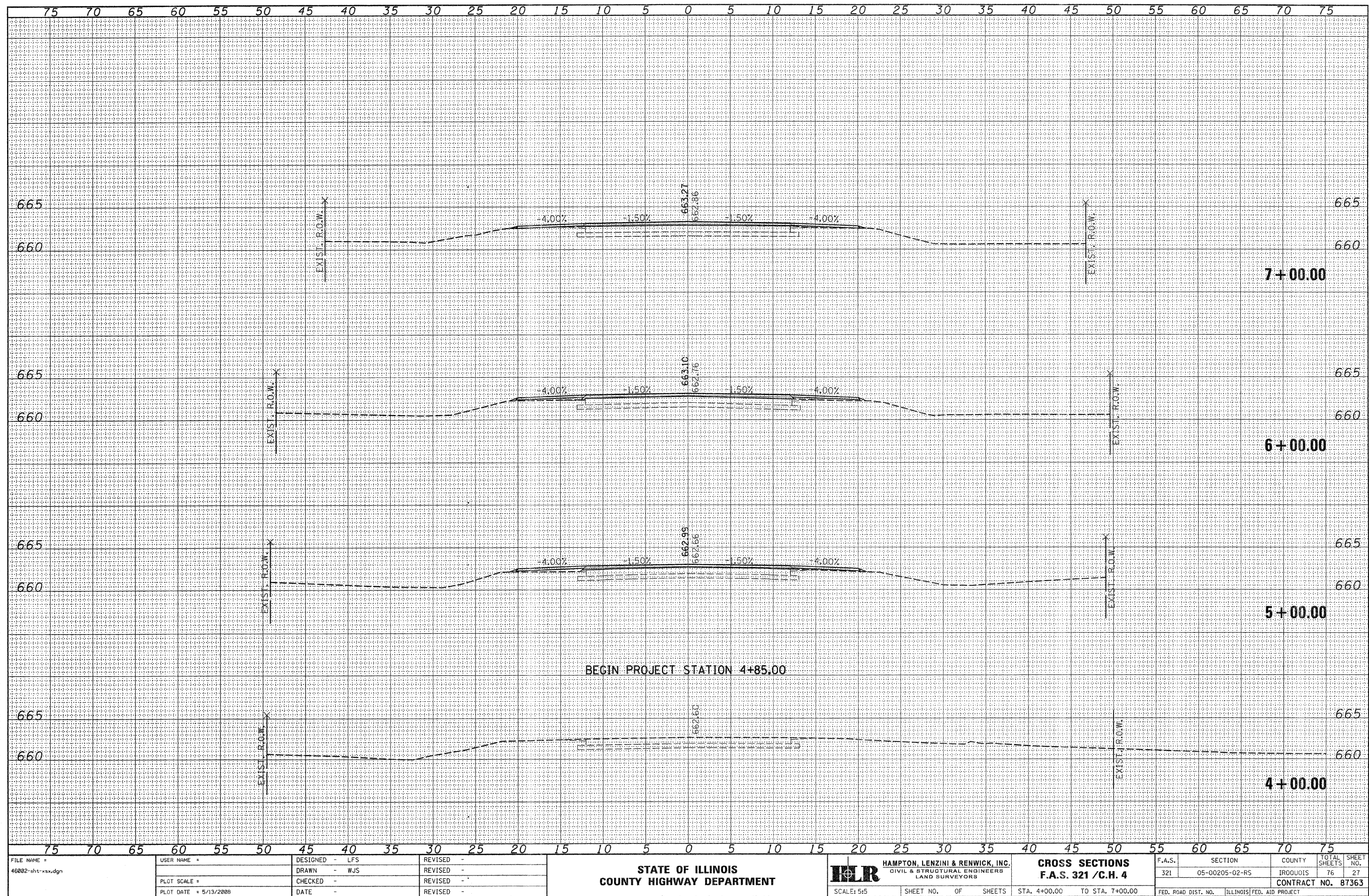
US 45 / US 52

PLOT DATE: 05/13/2008 FILE NAME: 46002-shr-pvmtmrk.dgn

HAMPTON, LENZINI & RENWICK, INC. CIVIL & STRUCTURAL ENGINEERS LAND SURVEYORS 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 (217) 546-3400 ELGIN • SPRINGFIELD		PAVEMENT MARKING 05-00205-02-RS F.A.S. 321 IROQUOIS COUNTY	
PROJECT NUMBER: 07.0120.320	DATE: 05/05/08	DESIGNED: L.F.S.	CHECKED: DRAWN: WJS

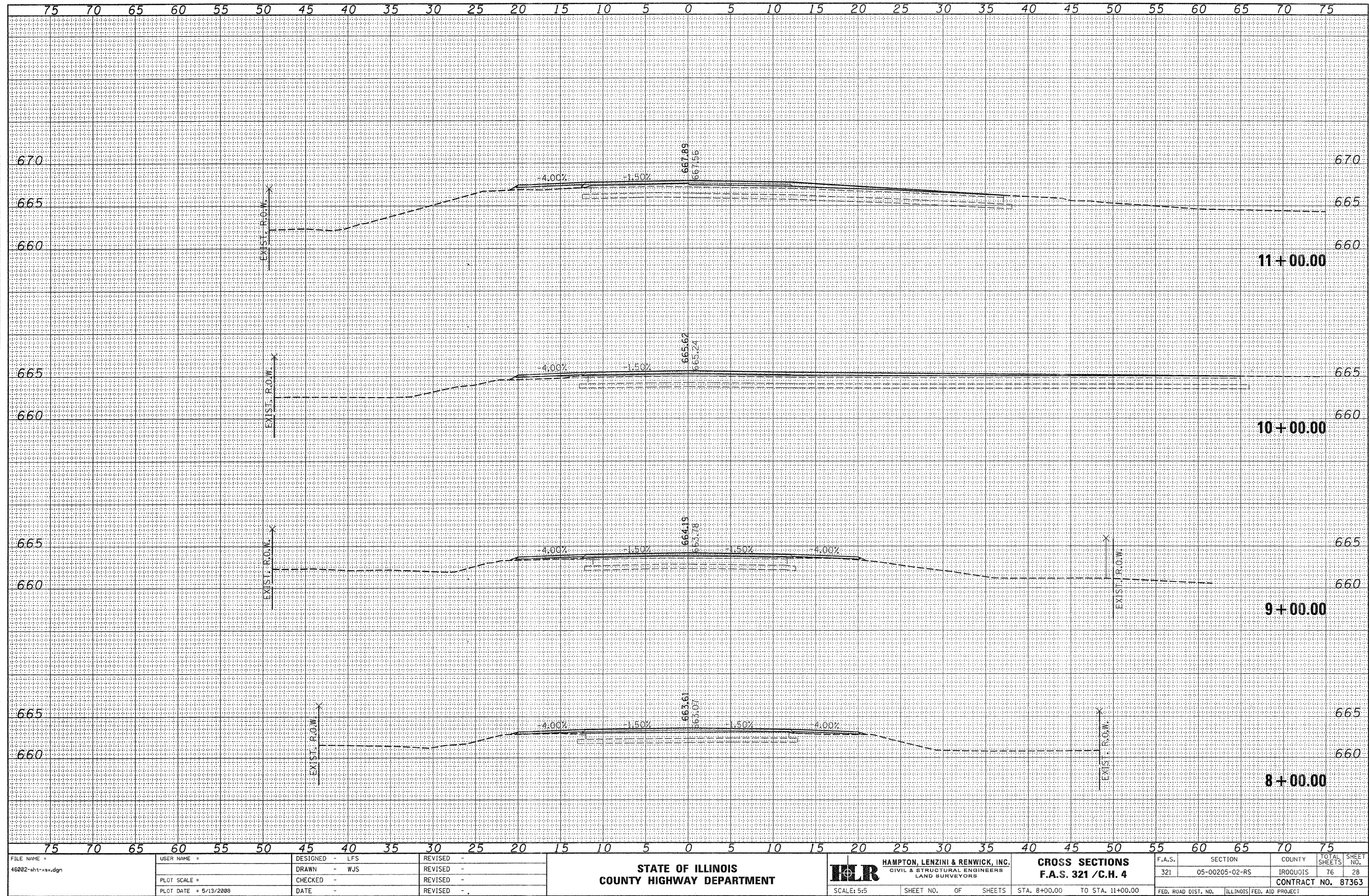
FINAL SURVEY					
	SURVIVED			BY	DATE
	PLOTTED				
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NOTE BOOK	AREAS				

ORIGINAL SURVEY		BY	DATE
SURVEYED			
PLOTTED			
TEMPLATE			
AREAS			



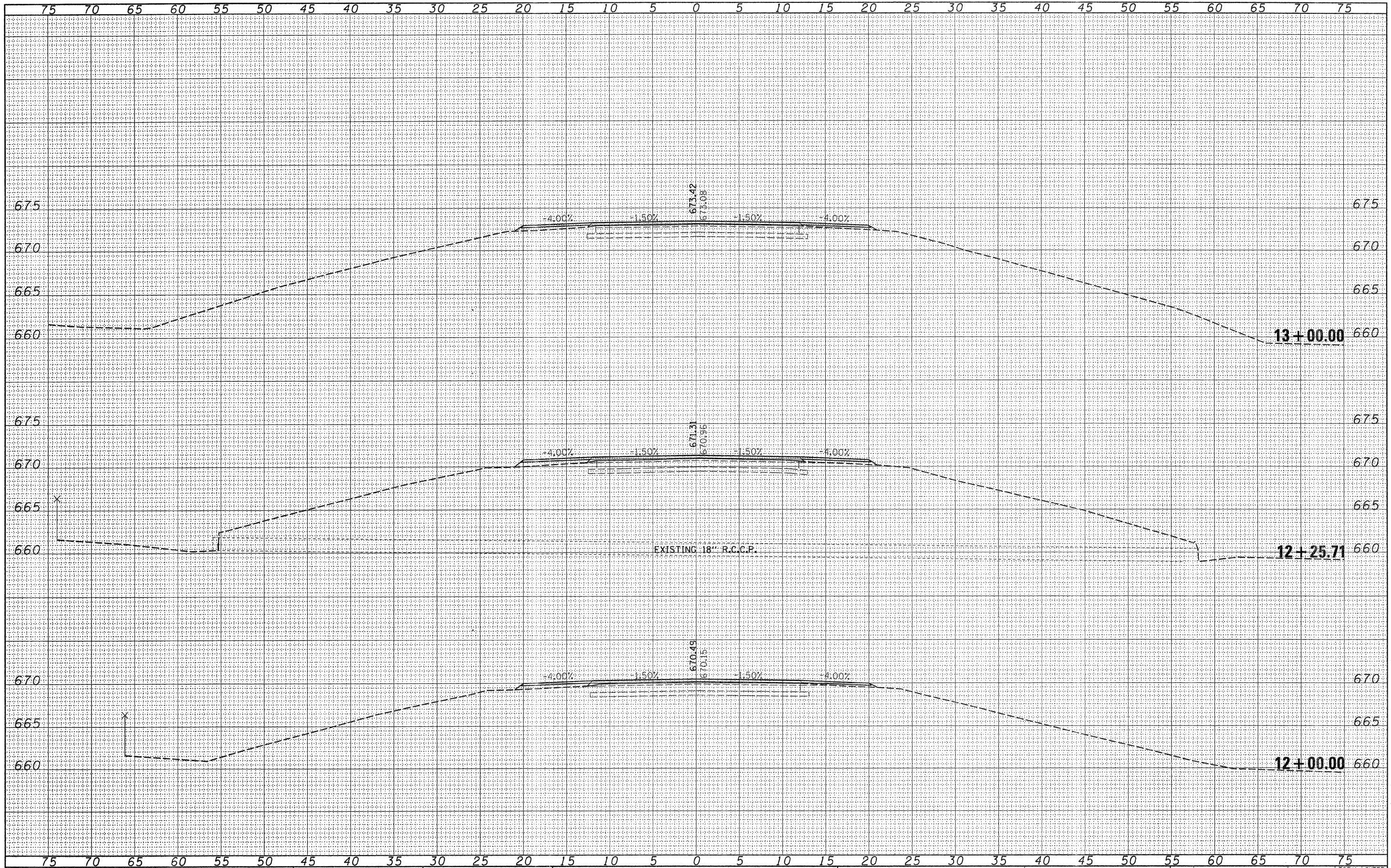
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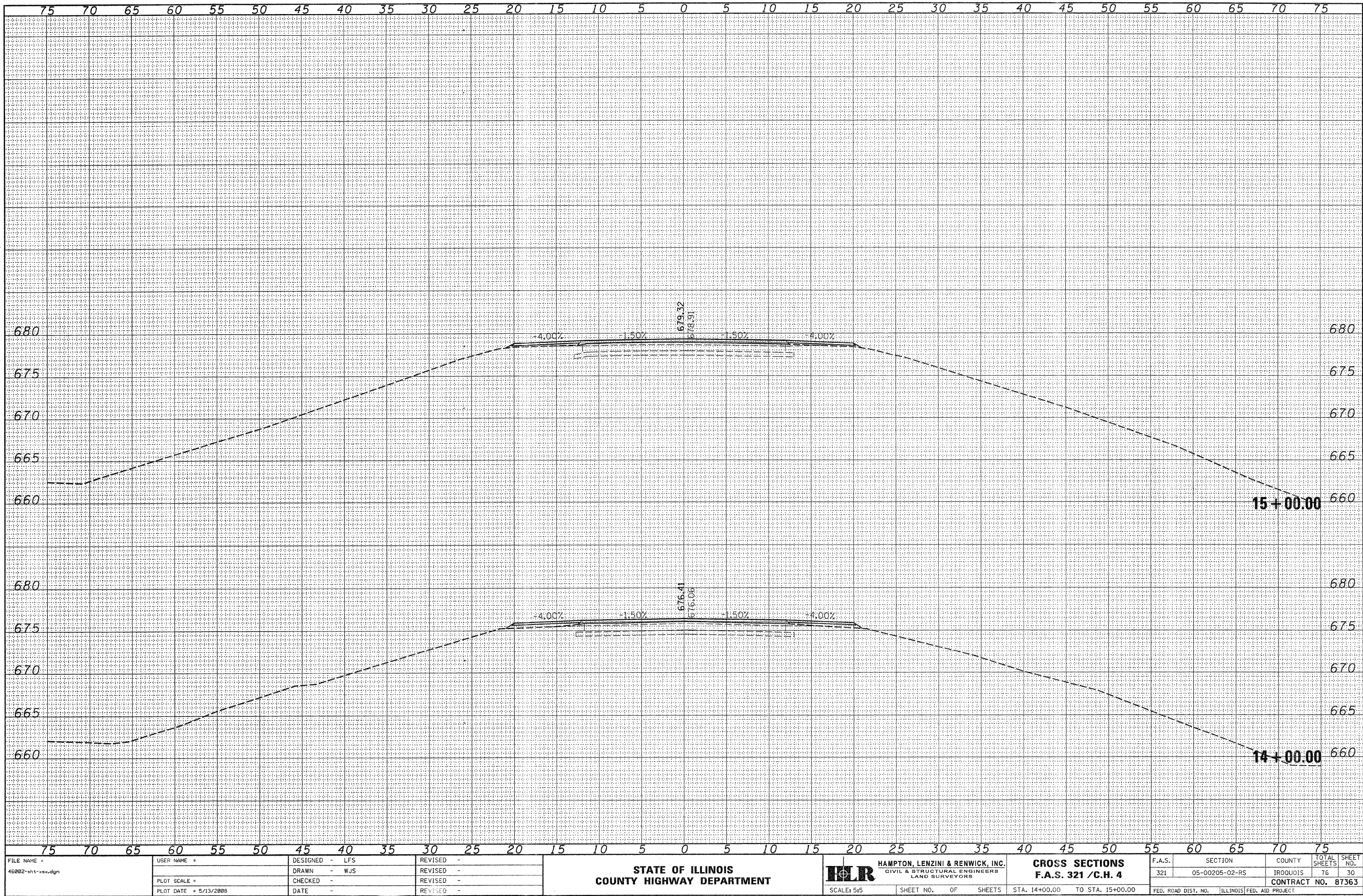
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NO.	NO.	NO.	NO.

DATE	BY	DESIGNED	CHECKED
NO.	NO.	NO.	NO.
NO.	NO.	NO.	NO.



DATE	BY	SURVEYED	FLATTED	NO. 1
		NOTE BOOK	TEMPLATE	AREAS CHECKED

DATE	BY	SURVEYED	FLATTED	NO. 1
		NOTE BOOK	TEMPLATE	AREAS CHECKED



FILE NAME = 46002-shr-xaw.dgn

USER NAME =

DESIGNED - LFS

DRAWN - WJS

CHECKED -

DATE - 5/13/2008

REVISD -

REVISD -

REVISD -

REVISD -

STATE OF ILLINOIS
COUNTY HIGHWAY DEPARTMENT

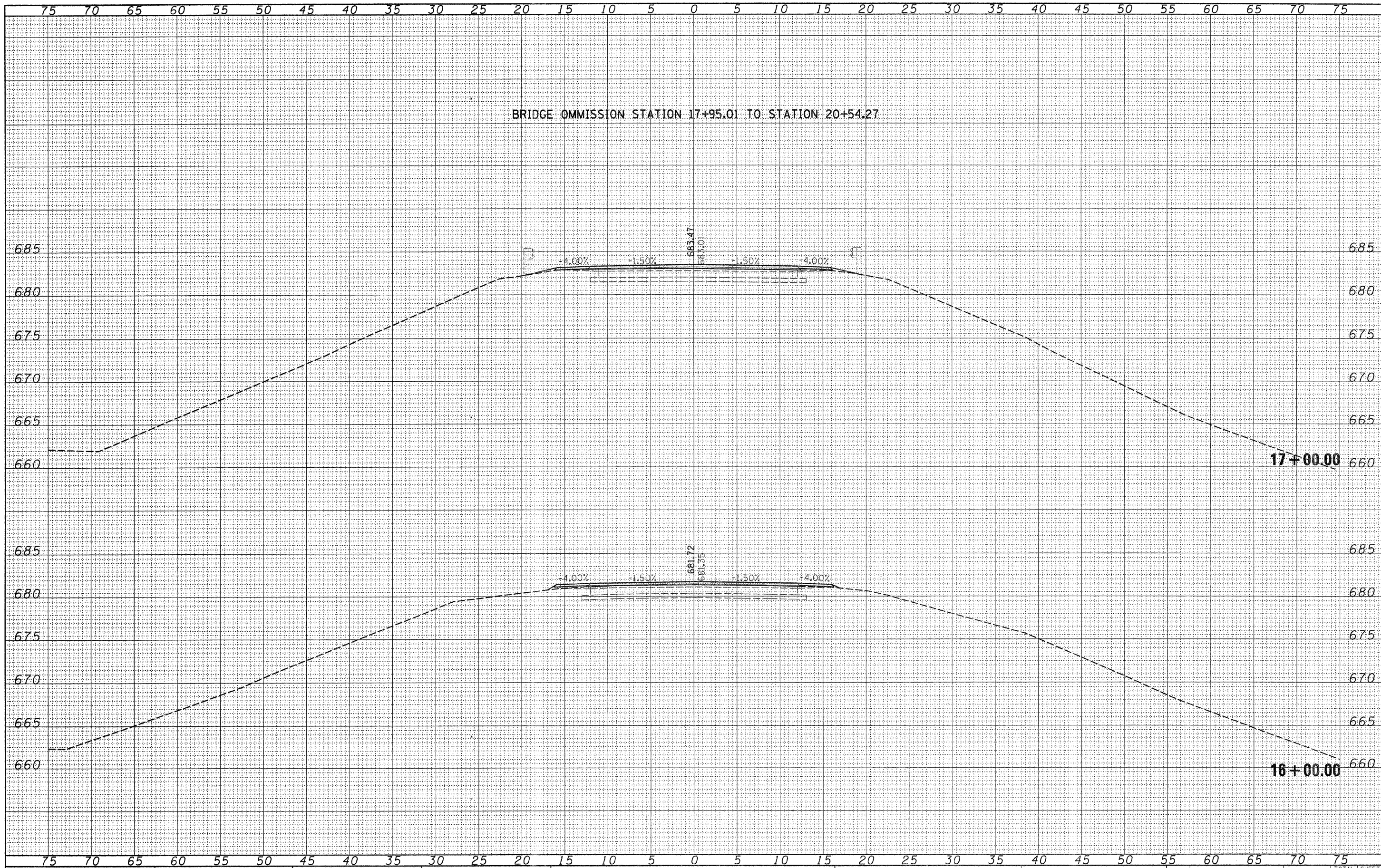
HLR HAMPTON, LENZINI & RENWICK, INC.
CIVIL & STRUCTURAL ENGINEERS
LAND SURVEYORS
SCALE: 5/8" = 1'-0"

CROSS SECTIONS
F.A.S. 321 / C.H. 4

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	05-00205-02-RS	IROQUOIS	76	30
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 87363	

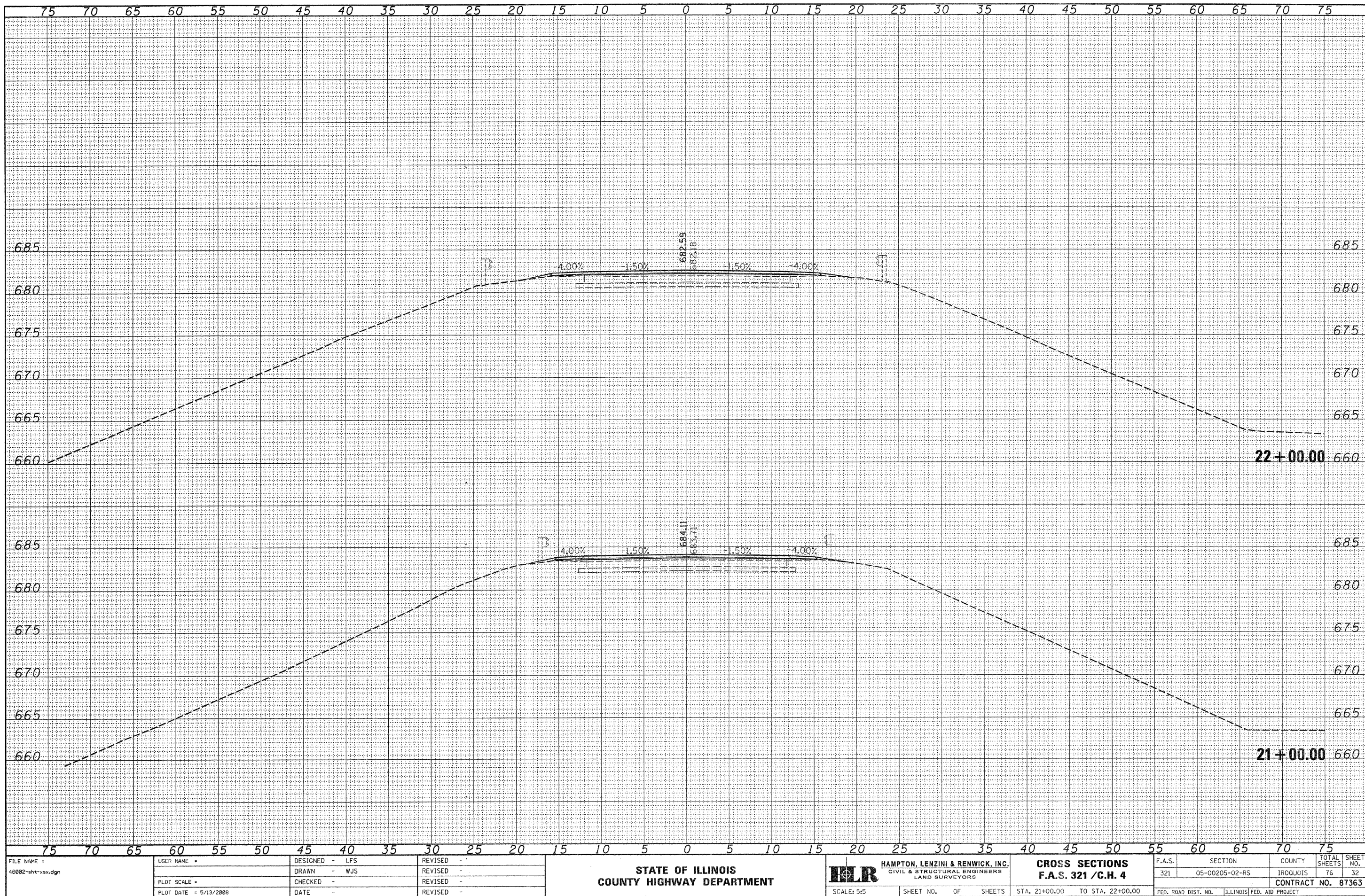
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DATE	BY	ORIGINAL SURVEY	SURVEYED	PLOTTED	PLATE	AREAS	CHECKED
		NO.					



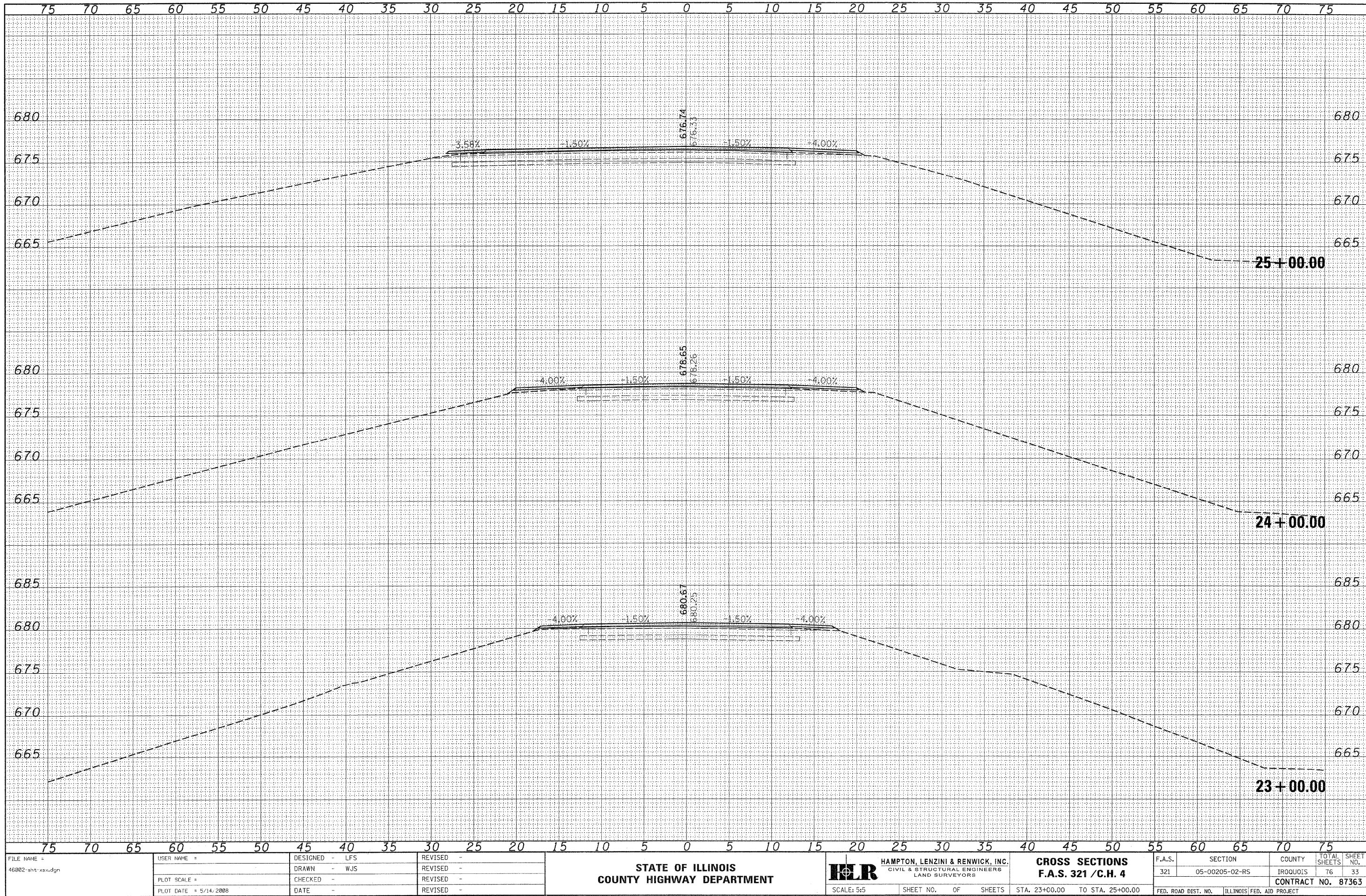
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DATE	BY	ORIGINAL SURVEY	SURVEYED	PLOTTED	APPROVED	AREAS CHECKED
		NO.				



DATE	BY	SURVEYED	PLOTTED	TEMPLATE	NOTE BOOK	AREAS CHECKED
NO.						

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	NOTE BOOK	AREAS CHECKED
NO.						



FILE NAME =
46802-shr-xss.dgn

USER NAME =

PLOT SCALE =

PLOT DATE = 5/14/2008

DESIGNED - LFS

DRAWN - WJS

CHECKED -

DATE -

REVISED -

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS
COUNTY HIGHWAY DEPARTMENT



HAMPTON, LENZINI & RENWICK, INC.
CIVIL & STRUCTURAL ENGINEERS
LAND SURVEYORS

CROSS SECTIONS
F.A.S. 321 / C.H. 4

SCALE: 5:5

SHEET NO. OF SHEETS

STA. 23+00.00 TO STA. 25+00.00

F.A.S.

321

SECTION

05-00205-02-RS

COUNTY

IROQUOIS

TOTAL SHEETS

76

SHEET NO.

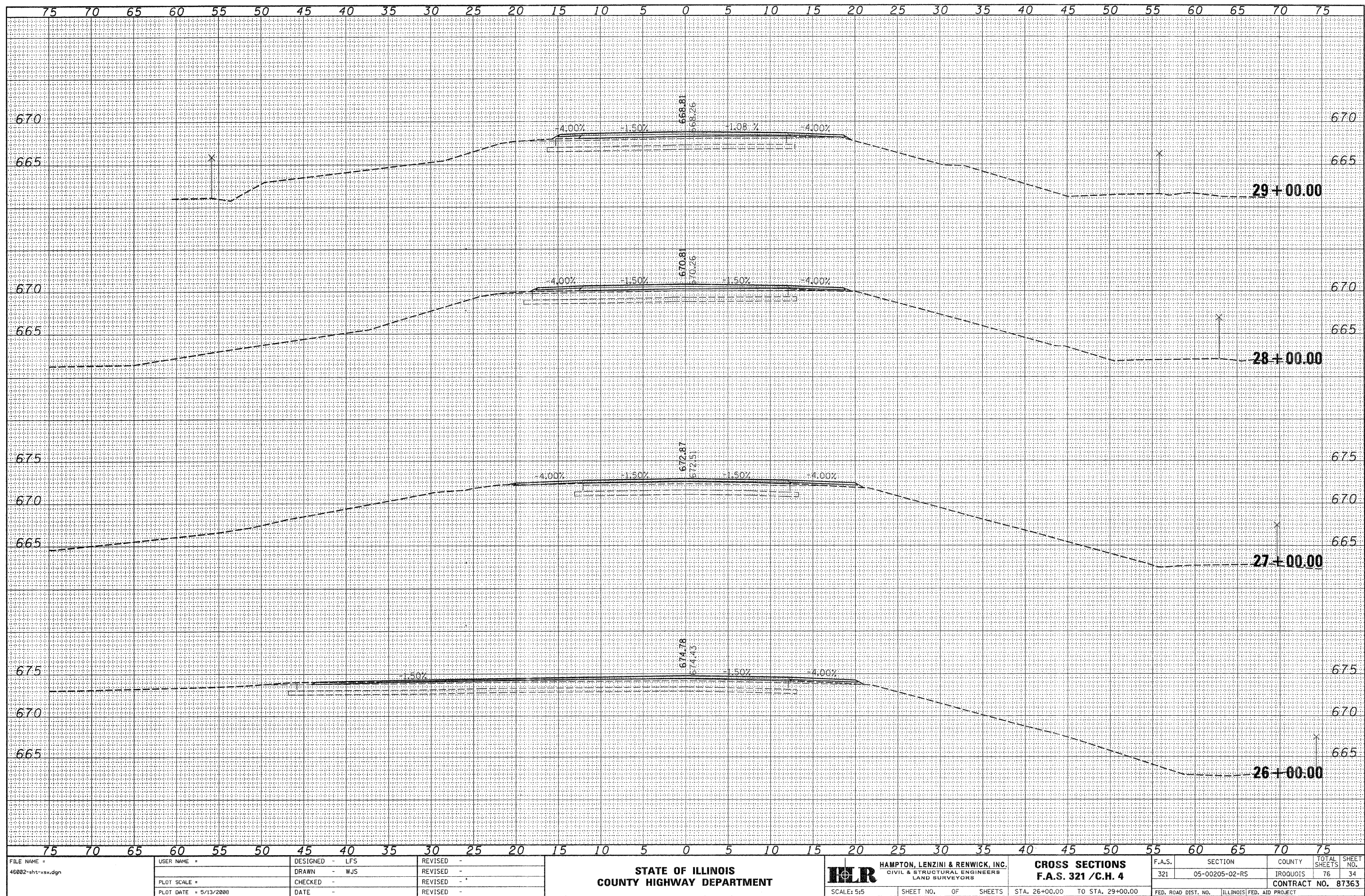
33

CONTRACT NO. 87363

FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT

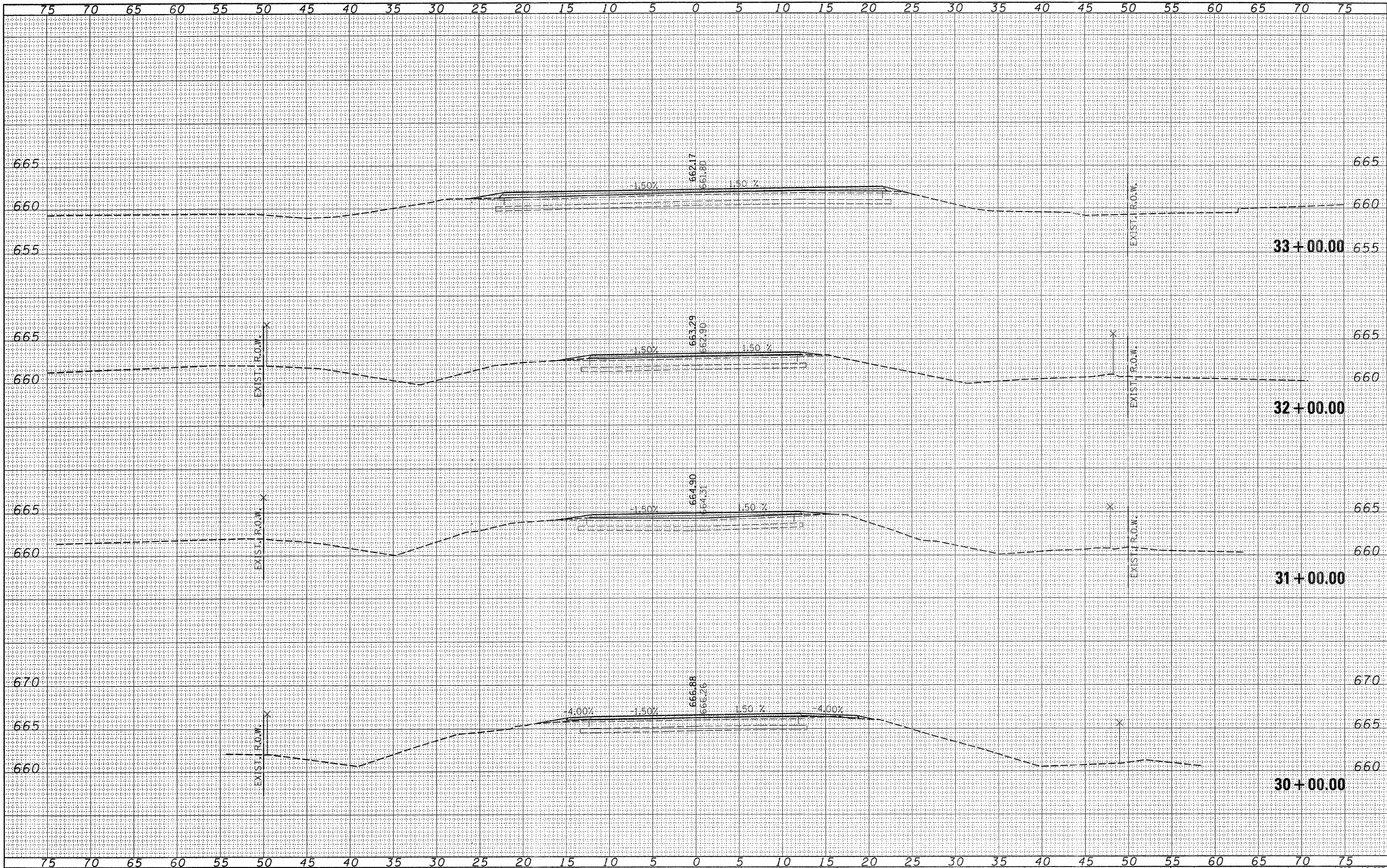
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NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____ TEMPLATE _____ AREAS _____ AREAS CHECKED _____		
NOTE BOOK			
NO.			



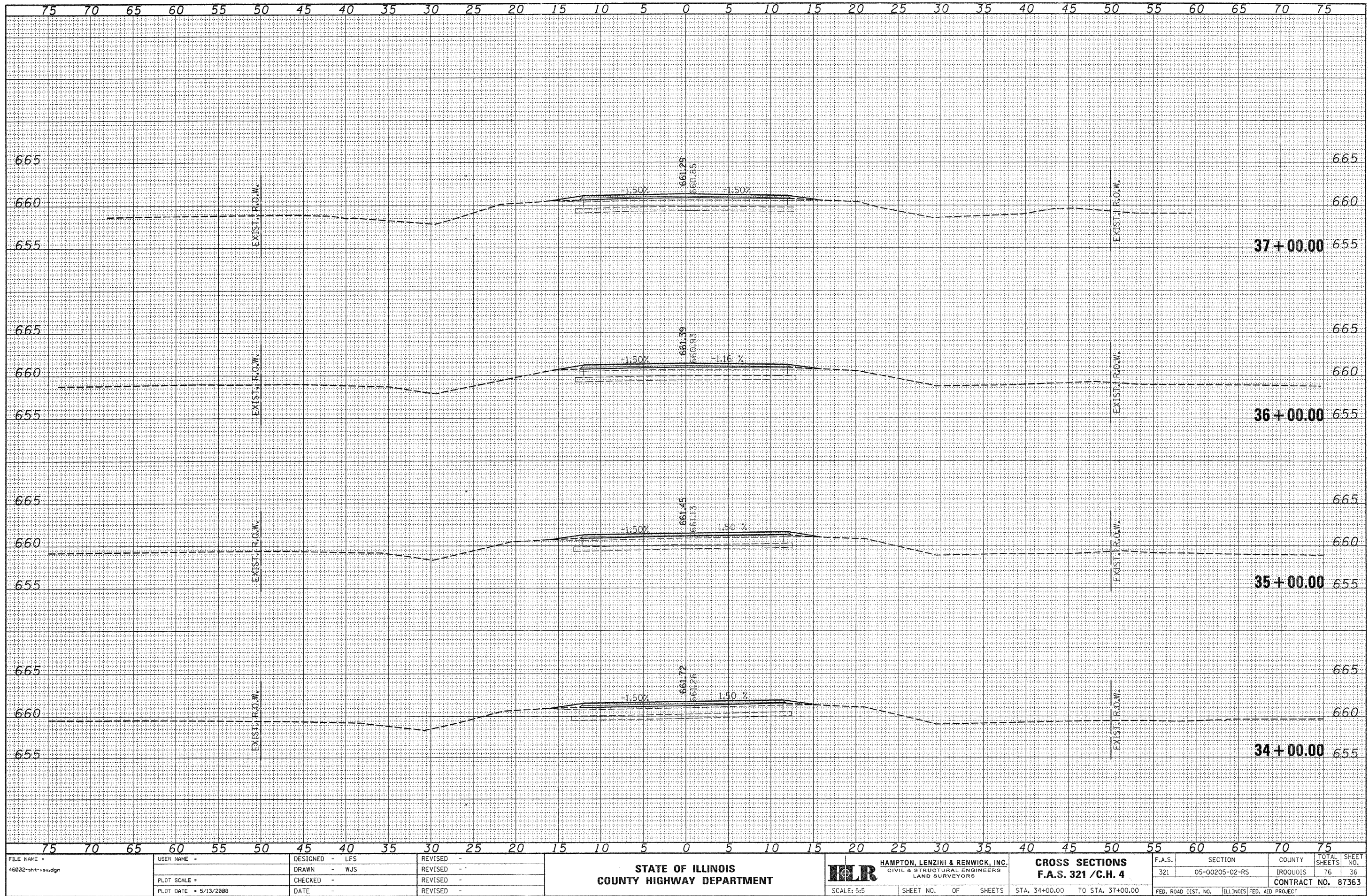
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		TEMP			TEMP
		AREAS CHECKED			AREAS CHECKED
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DATE	BY	SURVEYED	DATE	BY	SURVEYED
		NOTE BOOK			NOTE BOOK
		TEMP			TEMP
		AREAS CHECKED			AREAS CHECKED
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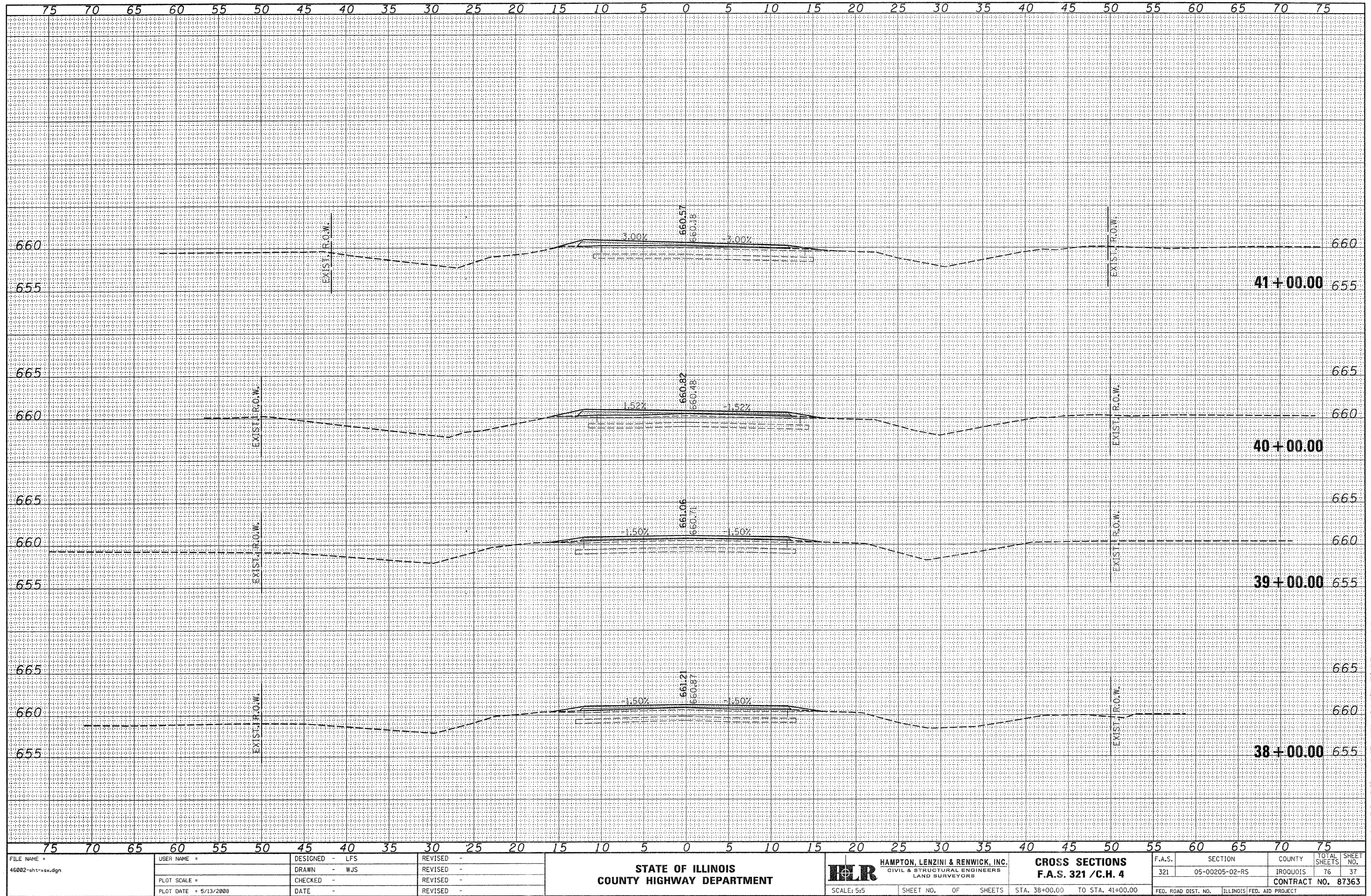
FINAL	DATE
SURVEY	BY
NOTE BOOK	
NO.	

ORIGINAL	DATE
SURVEY	BY
NOTE BOOK	
NO.	



FINAL SURVEY	SURVEYED	DATE
	PLOTTED	BY
	TEMPLATE	
	AREAS	
NO.	CHECKED	

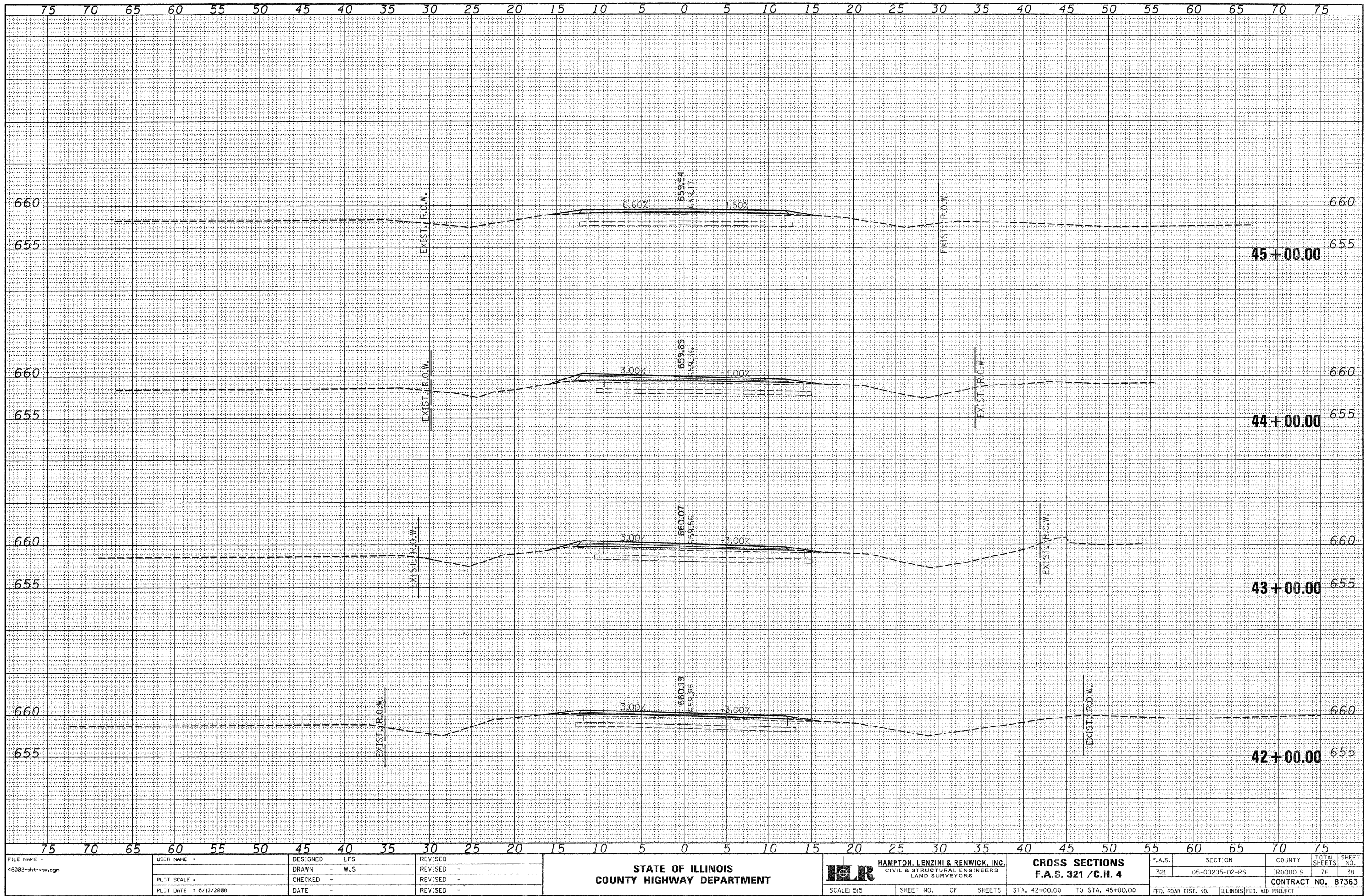
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	PLOTTED	BY
	TEMPLATE	
	AREAS	
NO.	CHECKED	



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PLOT SCALE =	DRAWN - WJS	REVISED -	321				05-00205-02-RS	IRROQUOIS	76	37	
PLOT DATE = 5/13/2008	CHECKED -	REVISED -	CONTRACT NO. 87363								
DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT									

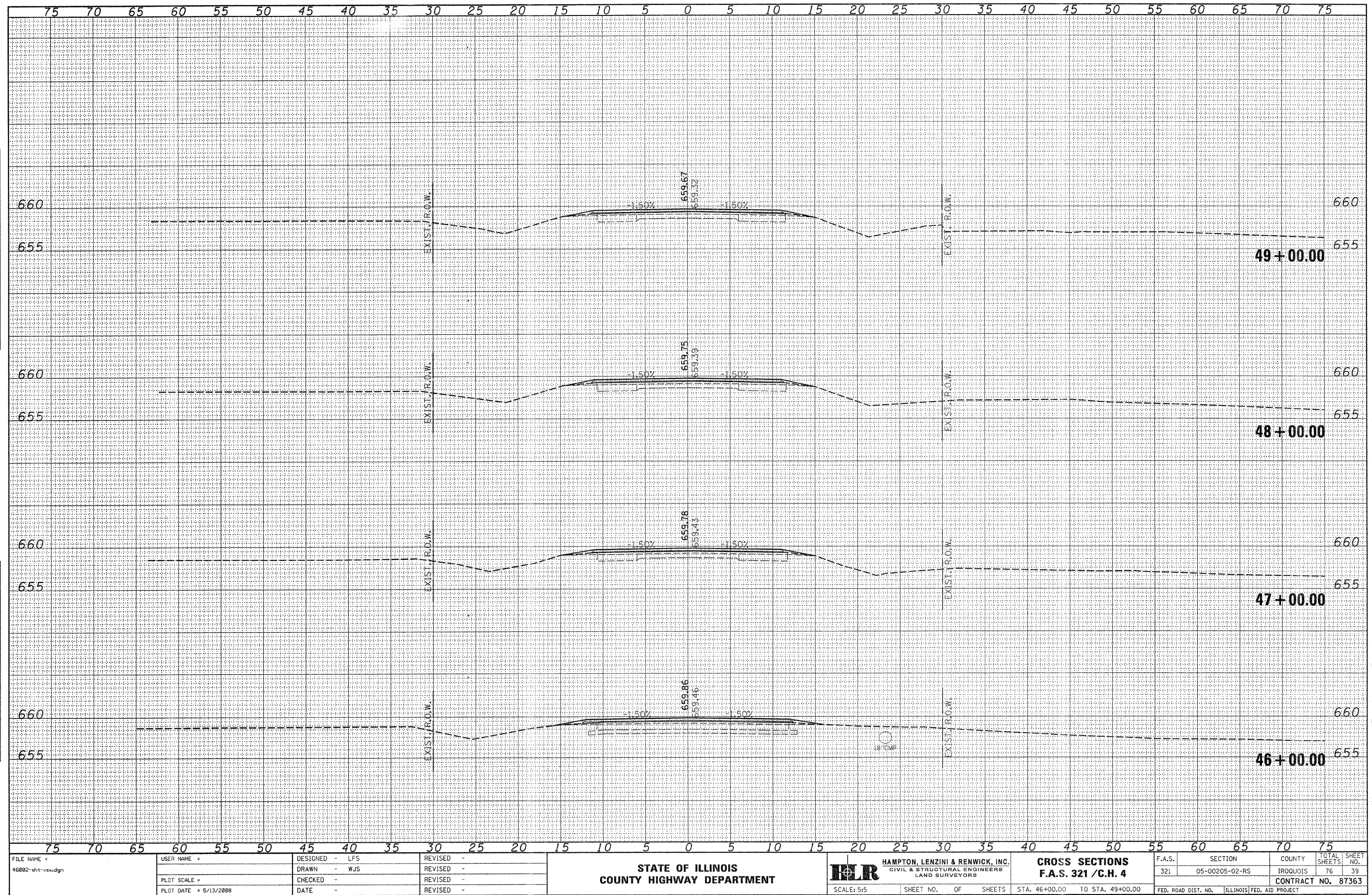
FINAL SURVEY	DATE
	BY
	SURVEYED
	NOTED
	NO. _____

ORIGINAL SURVEY	DATE
	BY
	SURVEYED
	NOTED
	NO. _____



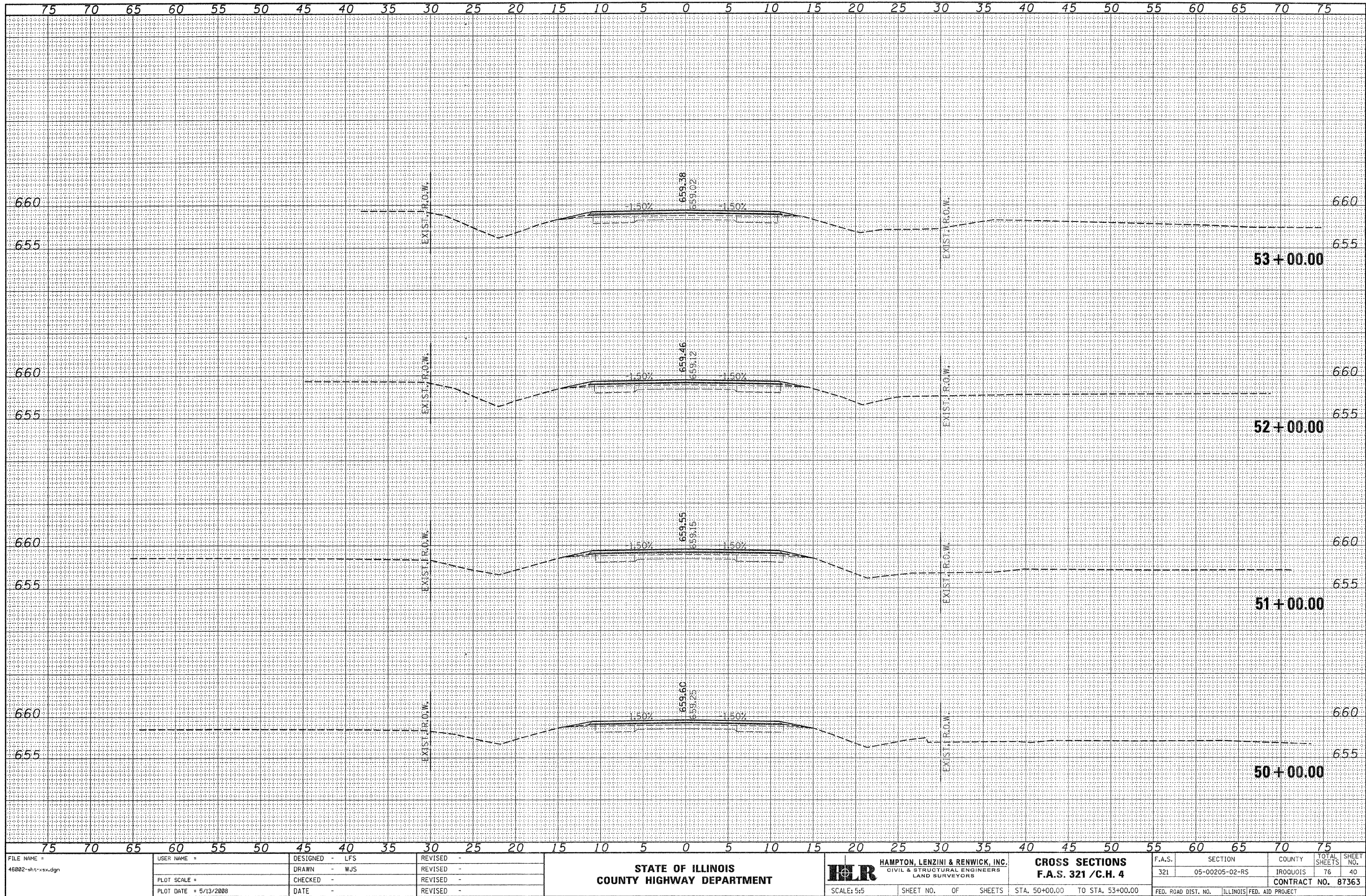
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PLOT SCALE =	CHECKED -	REVISED -	CONTRACT NO. 87363								
PLOT DATE = 5/13/2008	DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS				FED. AID PROJECT				
SCALE: 5:5							SHEET NO. OF SHEETS		STA. 42+00.00 TO STA. 45+00.00		

ORIGINAL SURVEY			
NOTE BOOK	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
	TEMPLATE _____		
	AREAS _____		



DATE	BY	FINAL SURVEY	SURVEYED
		NOTED	PLOTTED
		AREAS	AREAS
		CHECKED	CHECKED

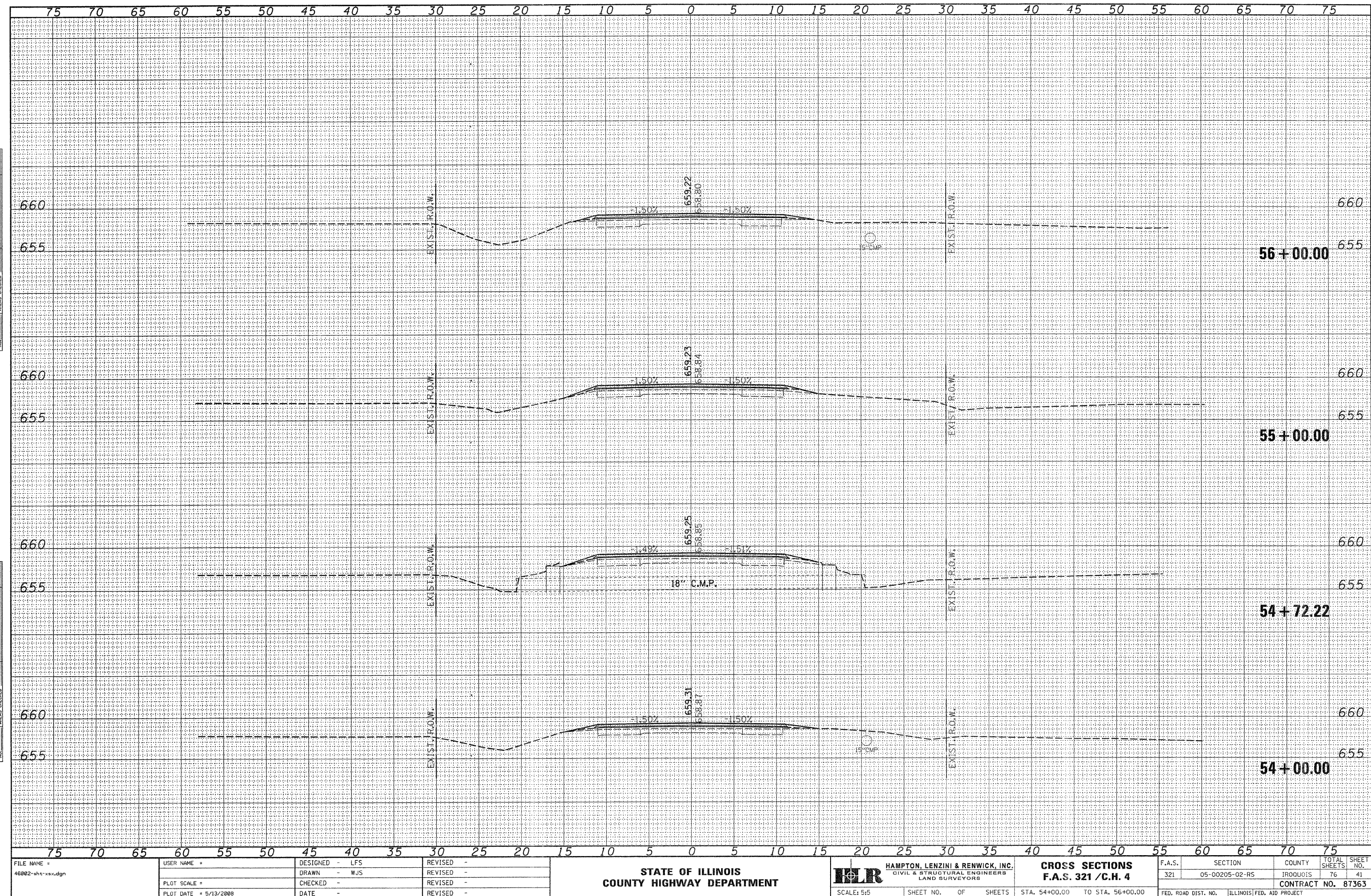
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		NOTED	PLOTTED
		AREAS	AREAS
		CHECKED	CHECKED



FILE NAME = 46002-shit-ssv.dgn	USER NAME =	DESIGNED - LFS	REVISED -	STATE OF ILLINOIS COUNTY HIGHWAY DEPARTMENT		HAMPTON, LENZINI & RENWICK, INC. CIVIL & STRUCTURAL ENGINEERS LAND SURVEYORS	CROSS SECTIONS F.A.S. 321 / C.H. 4		F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - WJS	REVISED -						321	05-00205-02-RS	IRROUOIS	76	40
		CHECKED -	REVISED -						CONTRACT NO. 87363				
		DATE -	REVISED -						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

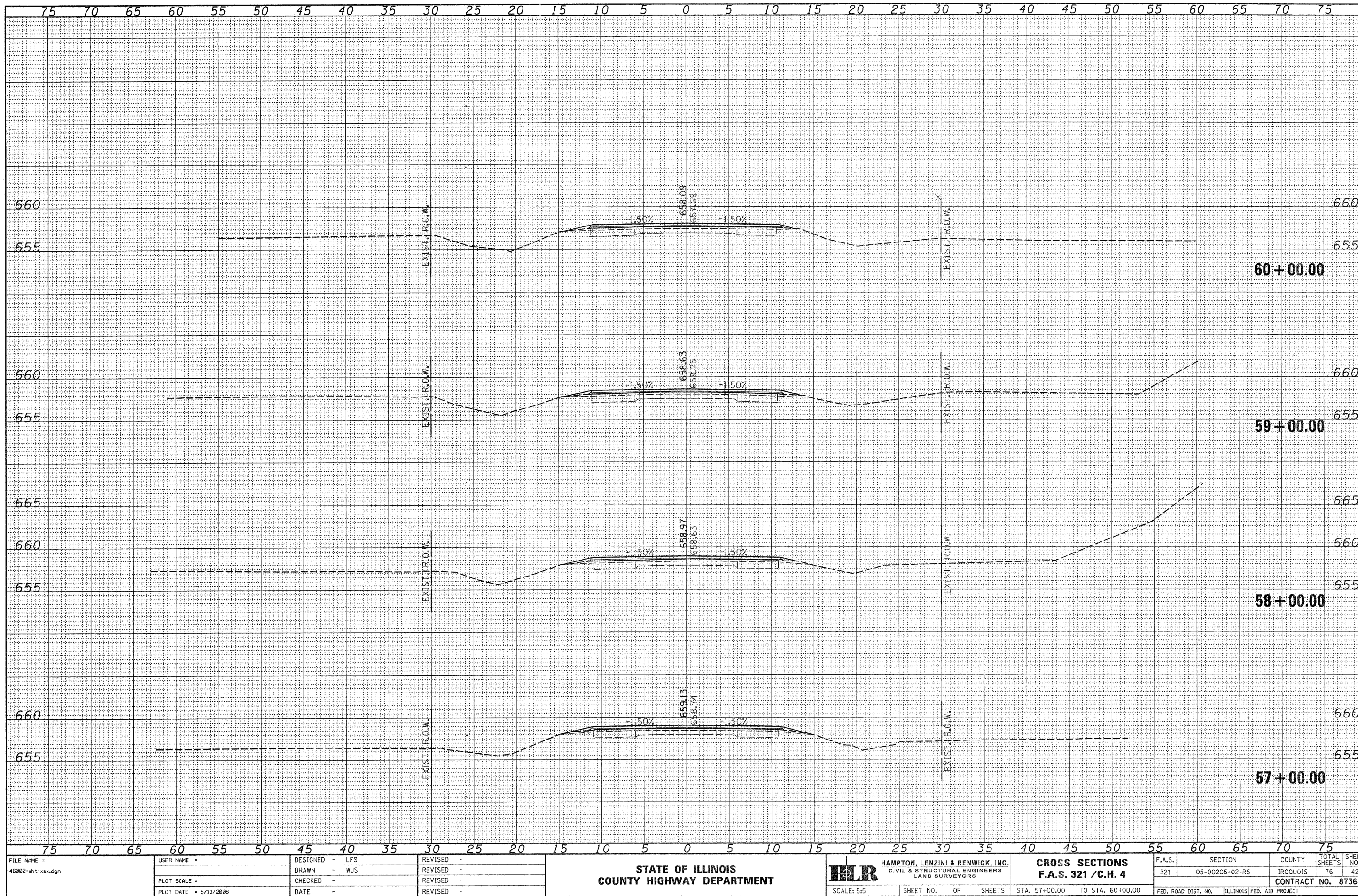
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	PLOTTED _____		
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ORIGINAL					
SURVEY					
PLOTTED					
TEMPLATE					
AREAS					
AREAS CHECKED					
BY					
DATE					



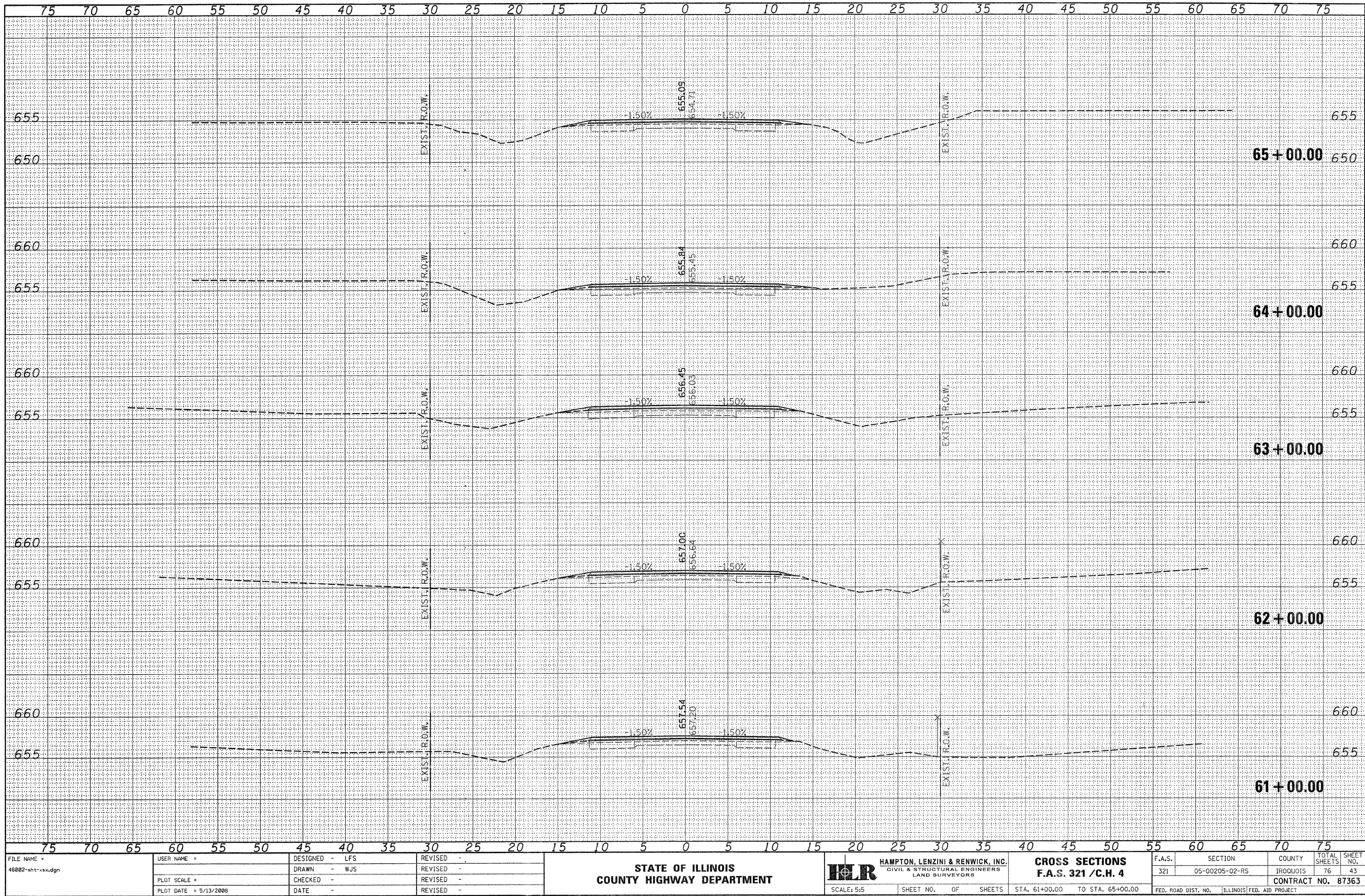
DATE	BY
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	BY
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	



DATE	BY	SURVEYED	NO.
		NOTE BOOK	
		TEMPLATE	
		AREAS CHECKED	

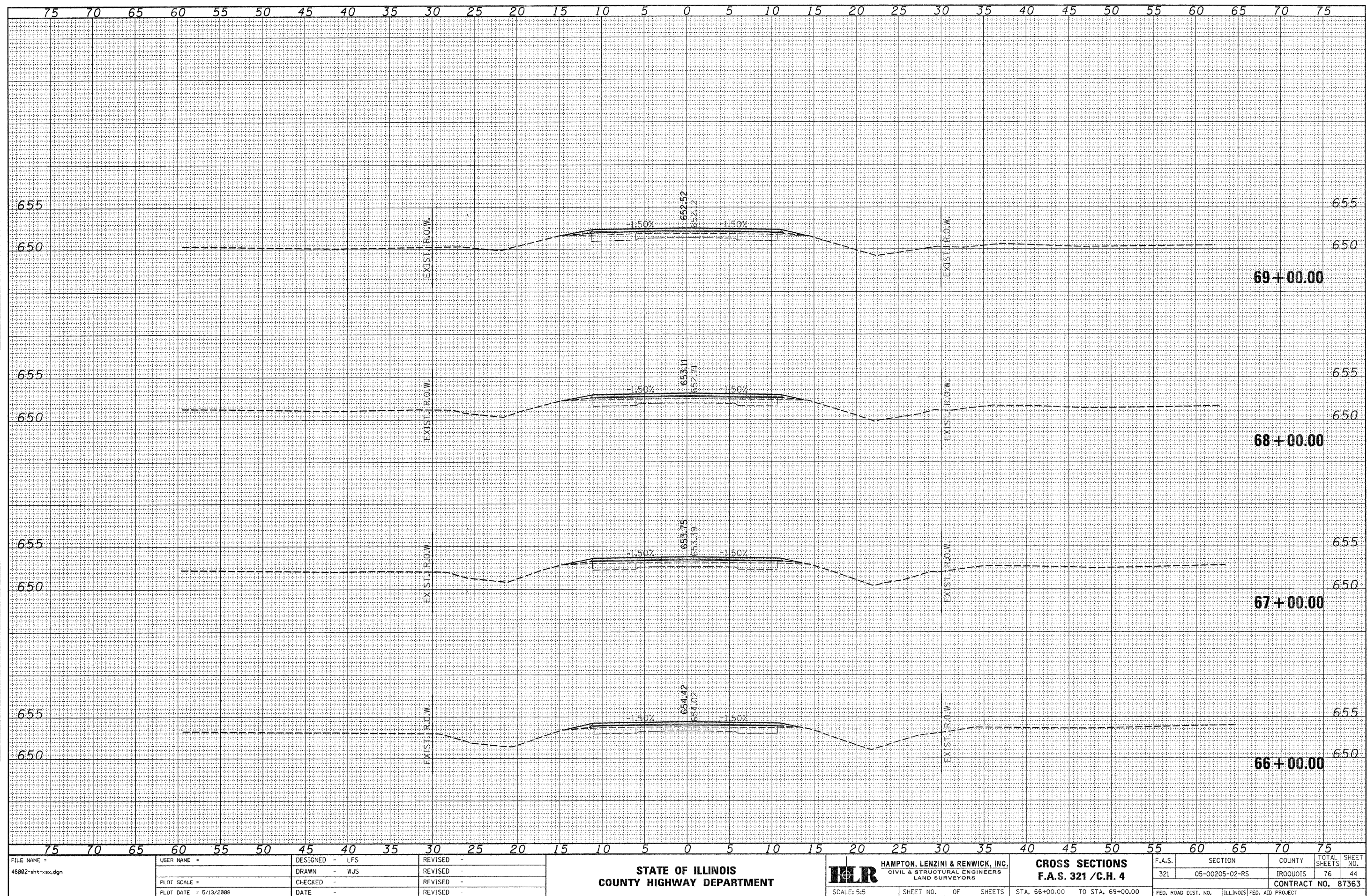
DATE	BY	SURVEYED	NO.
		NOTE BOOK	
		TEMPLATE	
		AREAS CHECKED	



FILE NAME = 46002-shr-xss.dgn	USER NAME =	DESIGNED - LFS	REVISED -	STATE OF ILLINOIS COUNTY HIGHWAY DEPARTMENT	ILR HAMPTON, LENZINI & RENWICK, INC. CIVIL & STRUCTURAL ENGINEERS LAND SURVEYORS	CROSS SECTIONS F.A.S. 321 / C.H. 4	F.A.S. 321	SECTION 05-00205-02-RS	COUNTY IROQUOIS	TOTAL SHEETS 76	SHEET NO. 43
	PLOT SCALE =	DRAWN - WJS	REVISED -								CONTRACT NO. 87363
	PLOT DATE = 5/13/2008	CHECKED -	REVISED -								
		DATE -	REVISED -								
					SCALE: 5:5	SHEET NO. OF SHEETS	STA. 61+00.00 TO STA. 65+00.00	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

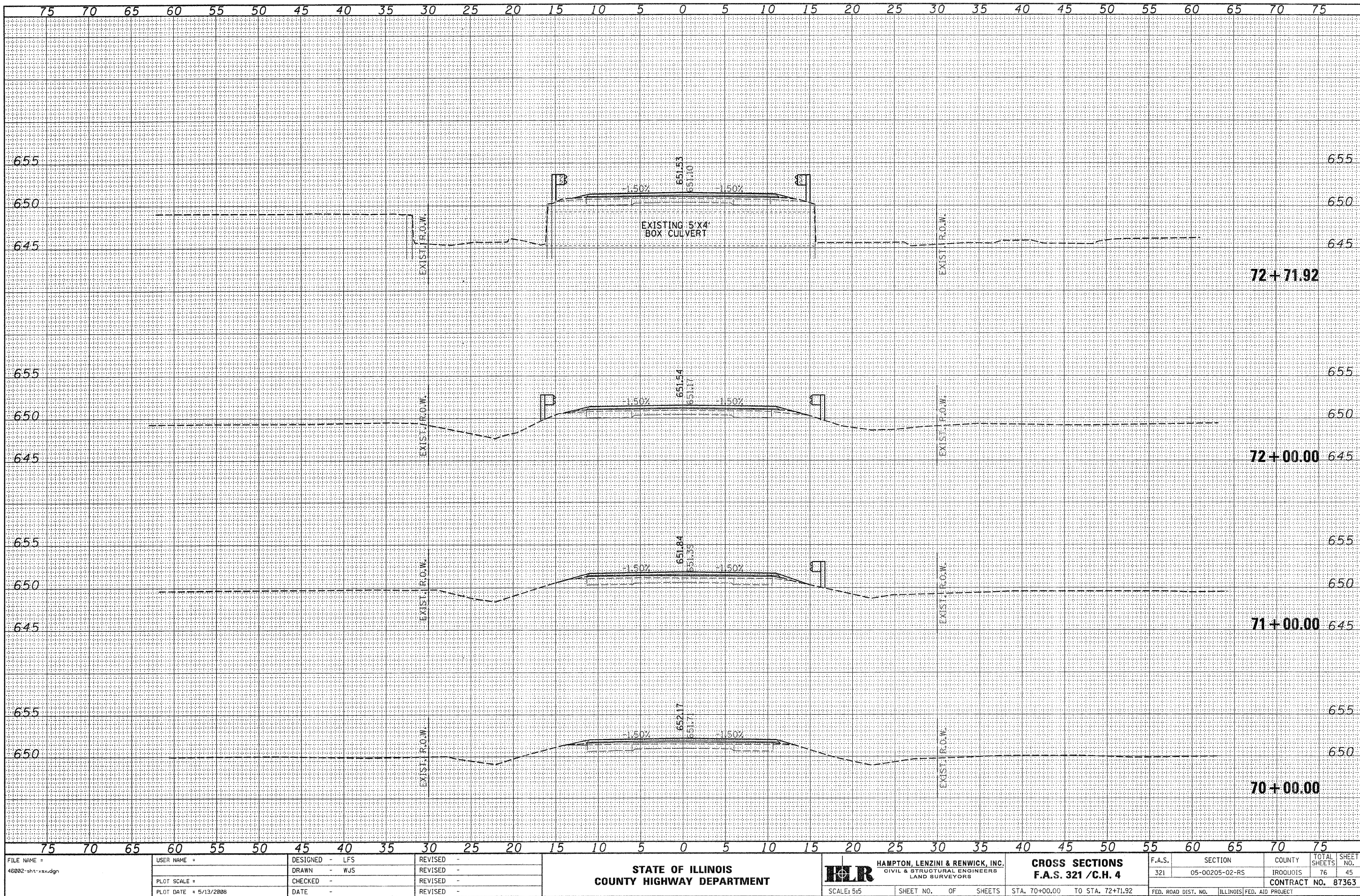
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	PLOTTED _____		
	TEMPLATE _____		
	AREAS _____		
	CHECKED _____		
	NO _____		

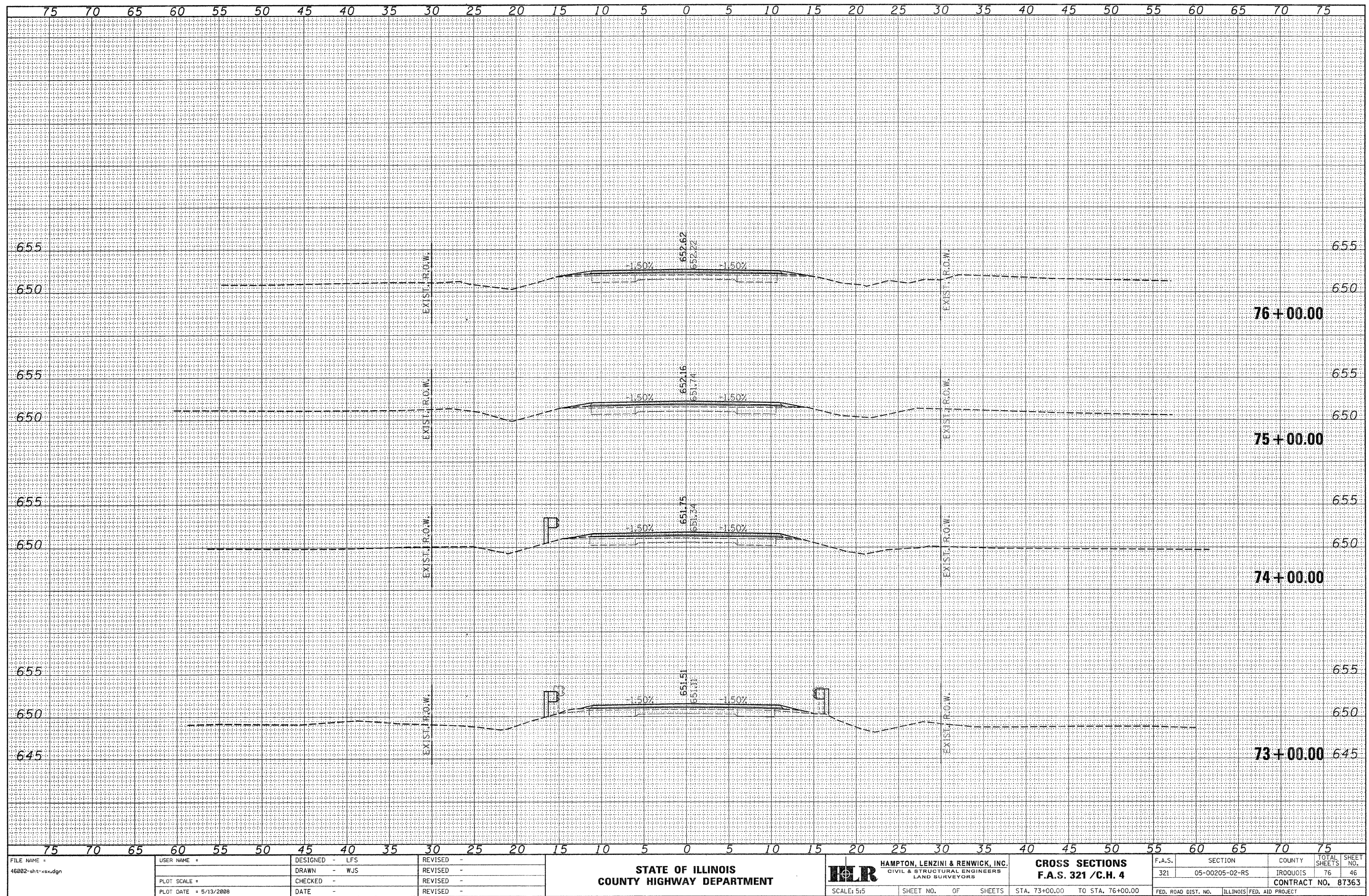
ORIGINAL SURVEY	BY _____	DATE _____
NOTE BOOK		
SURVEYED _____		
PLOTTED _____		
TEMPLATE _____		
AREAS _____		
AREAS CHECKED _____		



FINAL	DATE
SURVEY	BY
NOTE BOOK	
NO.	

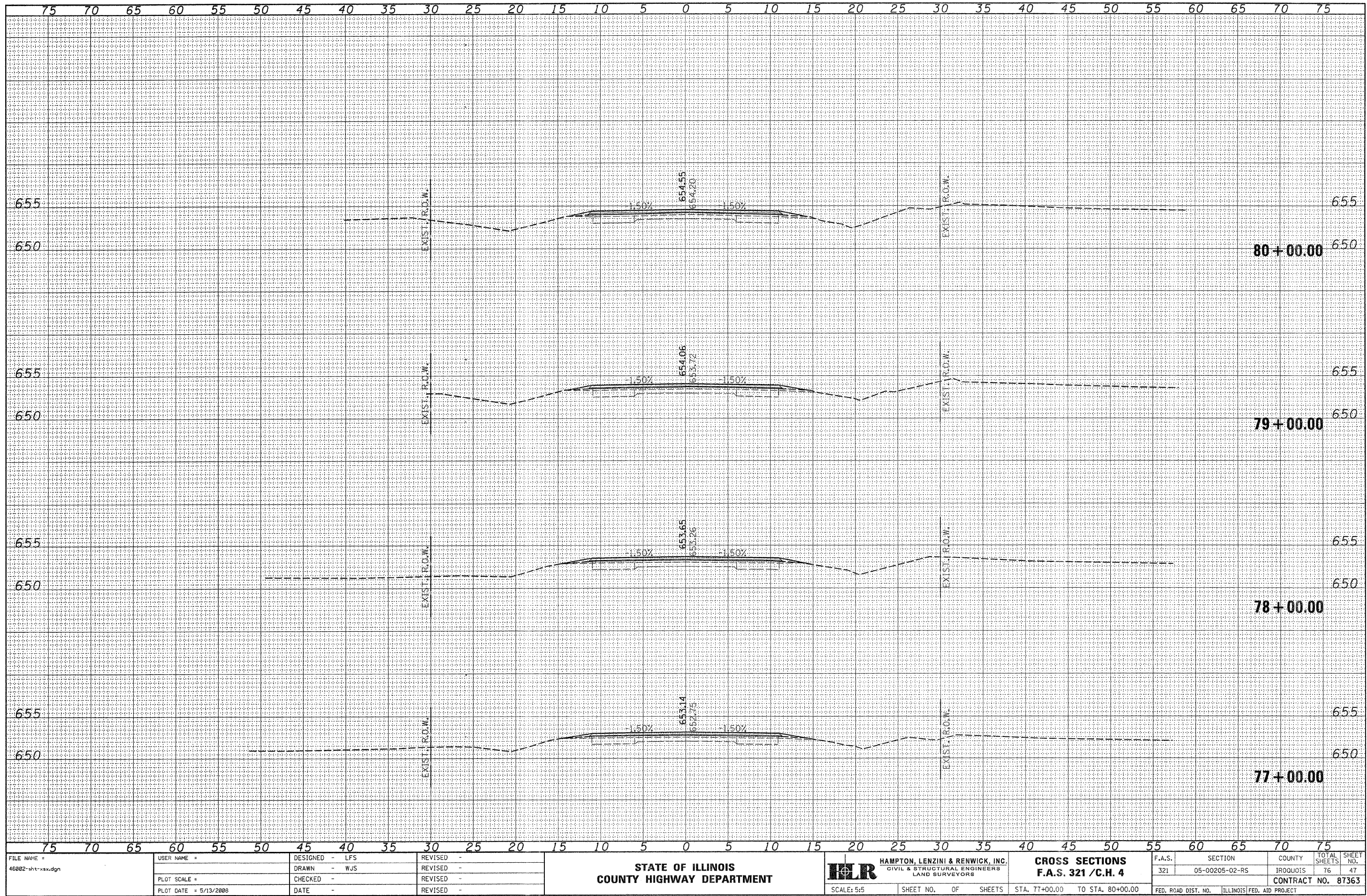
ORIGINAL	DATE
SURVEY	BY
NOTE BOOK	
NO.	



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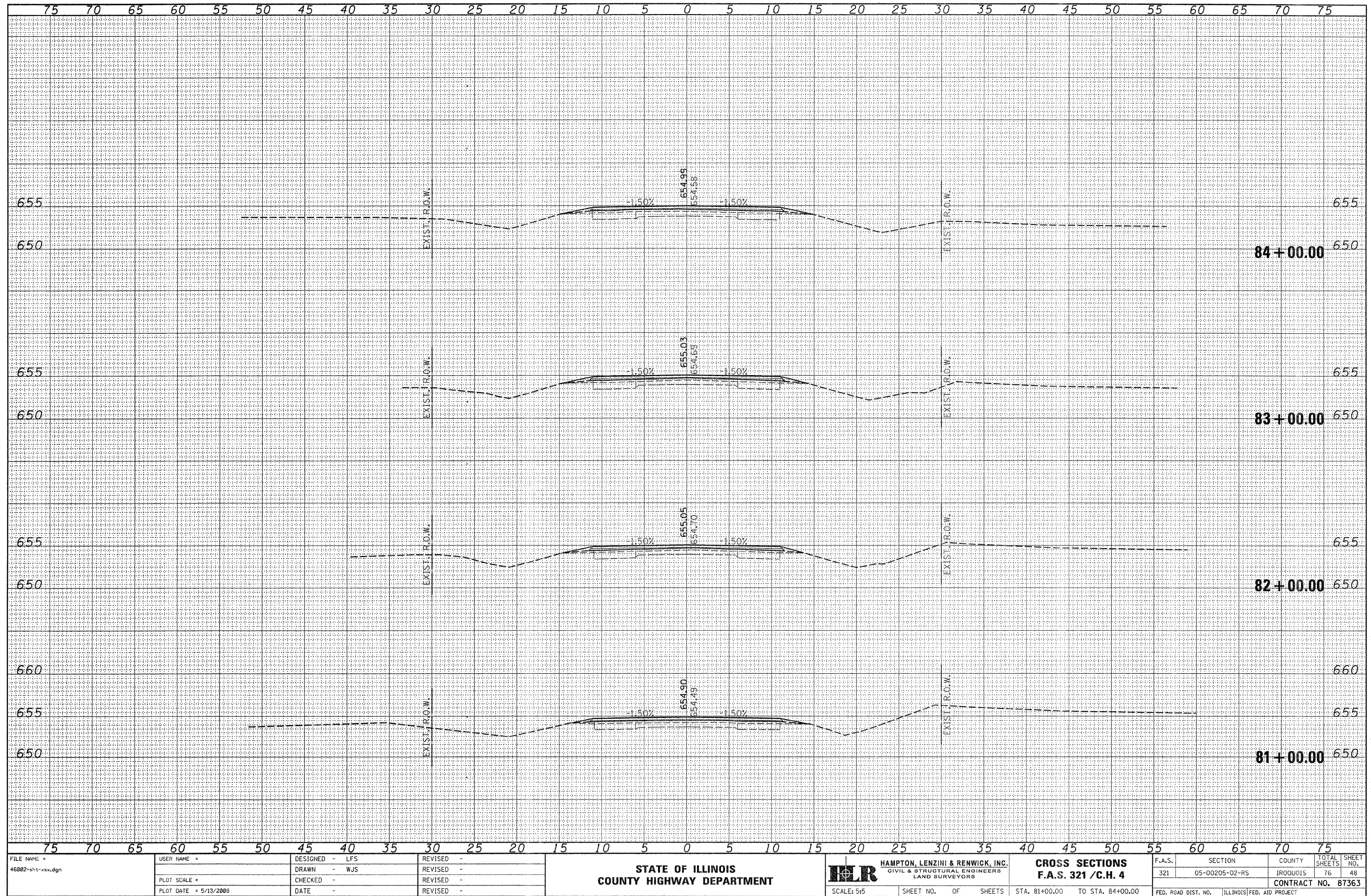
DATE	BY
SURVEYED	PLOTTED
NOTE BOOK	DATE
AREAS CHECKED	NO.

DATE	BY
SURVEYED	PLOTTED
NOTE BOOK	DATE
AREAS CHECKED	NO.



DATE	BY	SURVEYED	PLOTTED	DATE	AREAS CHECKED
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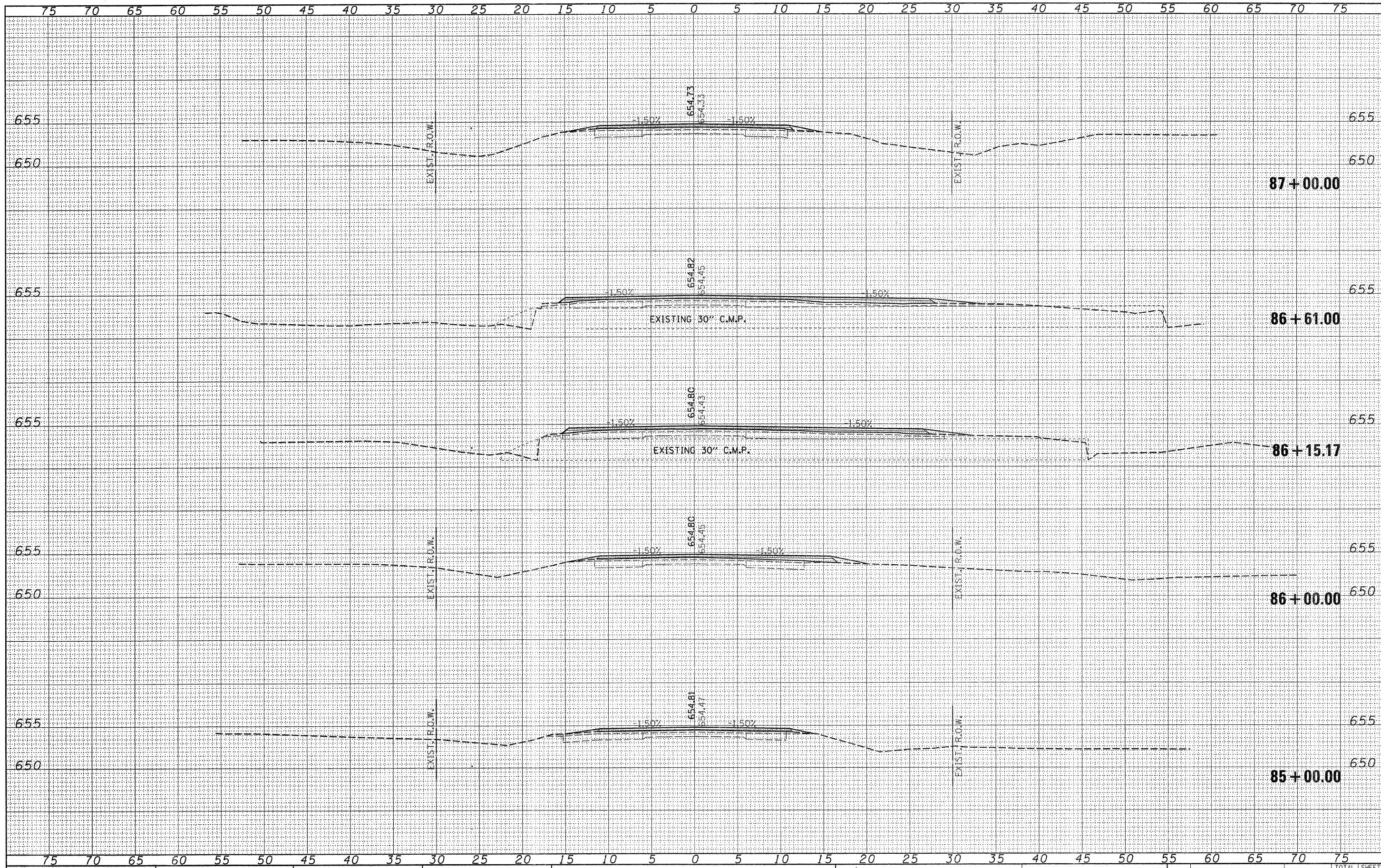
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		ORIGINAL	NO. BOOK	NO.	



FILE NAME = 46002-sh1-xss.dgn	USER NAME =	DESIGNED - LFS	REVISED -	STATE OF ILLINOIS COUNTY HIGHWAY DEPARTMENT	HLR HAMPTON, LENZINI & RENWICK, INC. CIVIL & STRUCTURAL ENGINEERS LAND SURVEYORS	CROSS SECTIONS F.A.S. 321 / C.H. 4	F.A.S. 321	SECTION 05-00205-02-R5	COUNTY IROQUOIS	TOTAL SHEETS 76	SHEET NO. 48
PLOT SCALE =	DRAWN - WJS	REVISED -									
PLOT DATE = 5/13/2008	CHECKED -	REVISED -									
	DATE -	REVISED -									
						SCALE: 5:5	SHEET NO. OF SHEETS	STA. 81+00.00 TO STA. 84+00.00	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
						CONTRACT NO. 87363					

DATE	BY	FINI	SURVEY	NOTED	PLATE	NO.

DATE	BY	ORIGINAL	SURVEY	NOTED	PLATE	NO.

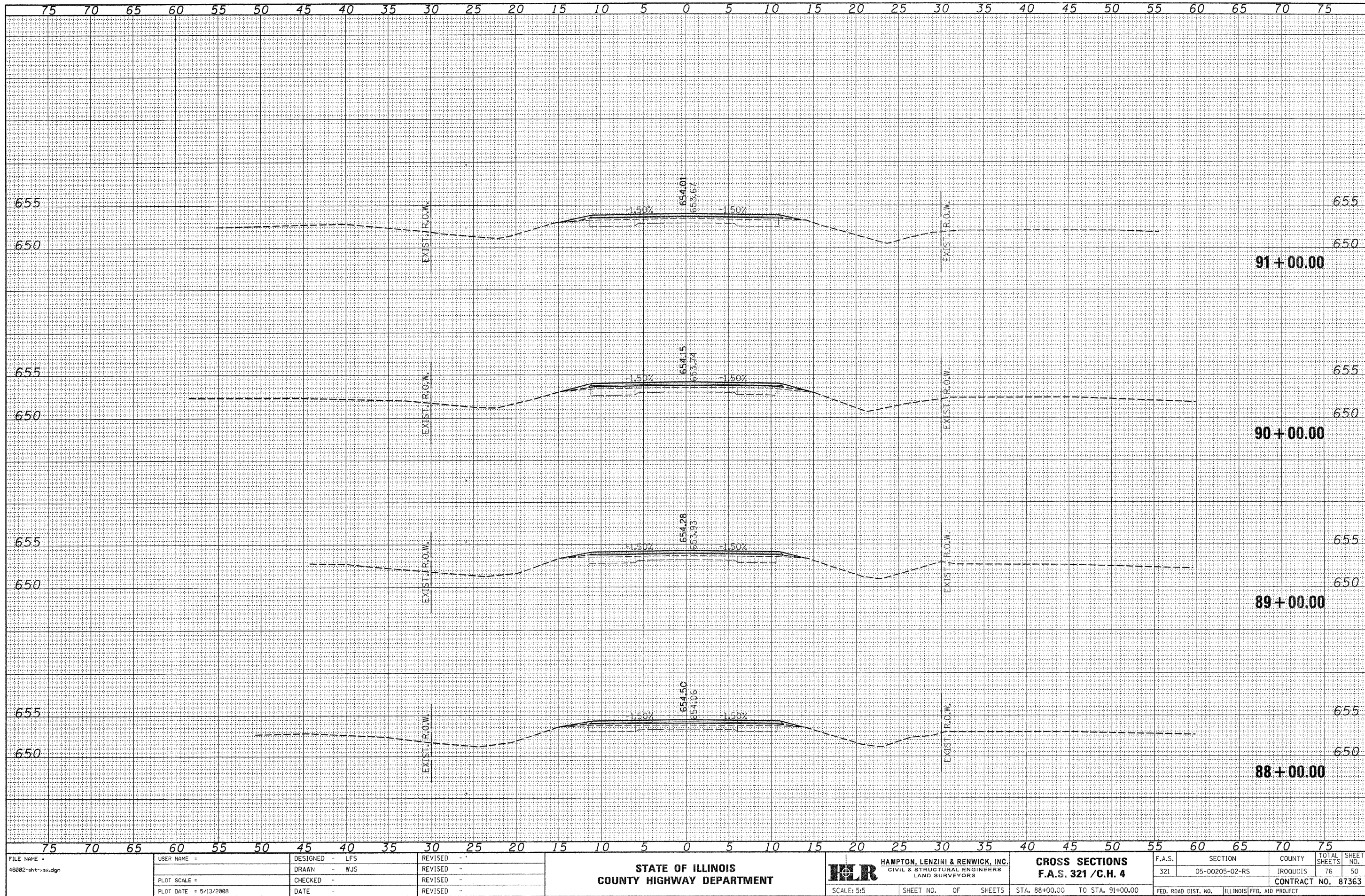


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PLOT SCALE =	DRAWN - WJS	REVISED -									
PLOT DATE = 5/13/2008	CHECKED -	REVISED -									
	DATE -	REVISED -									

SCALE: 5:5 SHEET NO. OF SHEETS STA. 85+00.00 TO STA. 87+00.00 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT CONTRACT NO. 87363

DATE	BY
DESIGNED	NOTED
PLOTTED	TEMPLATE
AREAS	CHECKED
NO.	

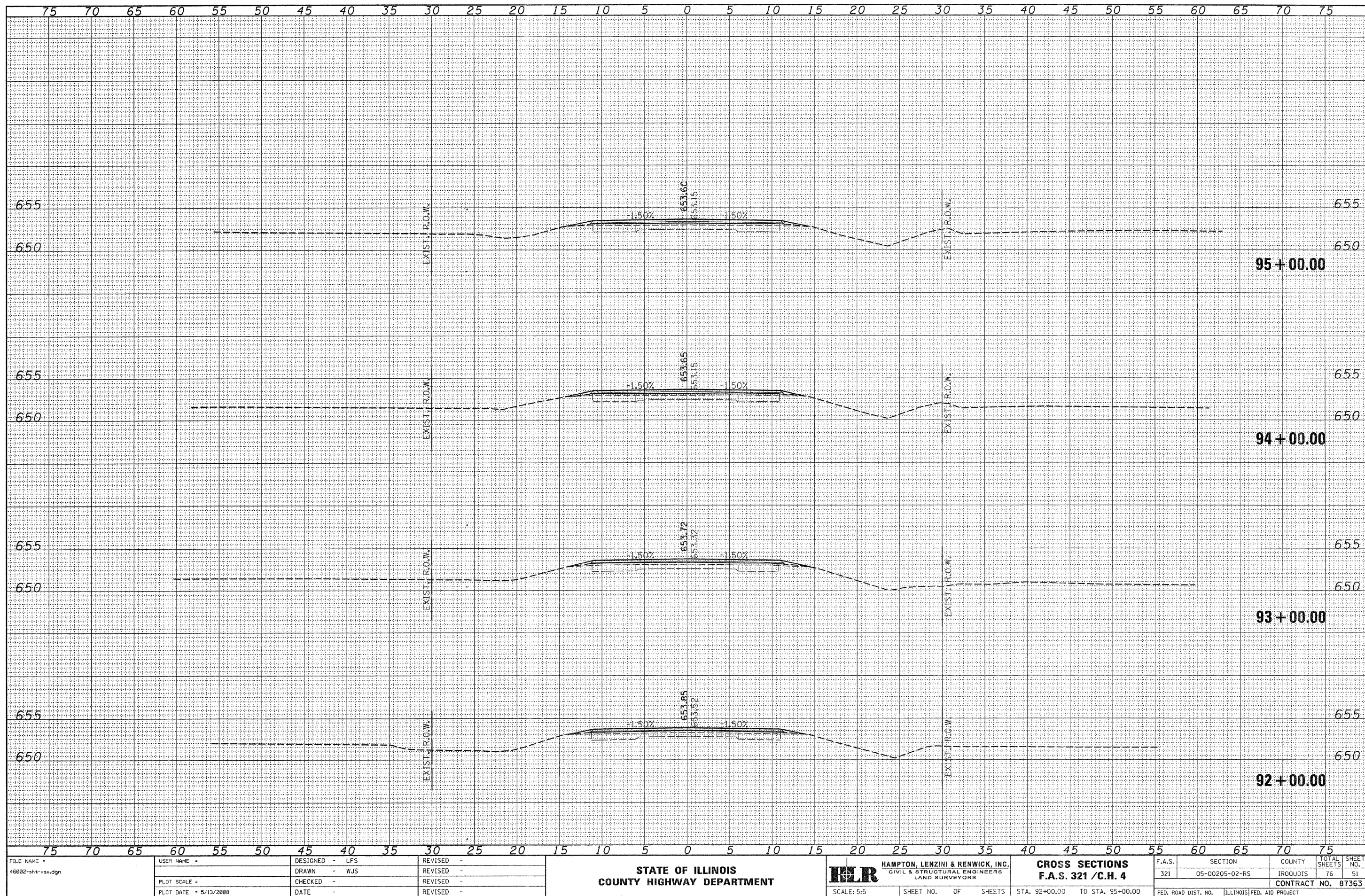
DATE	BY
DESIGNED	NOTED
PLOTTED	TEMPLATE
AREAS	CHECKED
NO.	



FILE NAME = 46002-shr-ex.dgn	USER NAME =	DESIGNED - LFS	REVISED -	STATE OF ILLINOIS COUNTY HIGHWAY DEPARTMENT	HLR HAMPTON, LENZINI & RENWICK, INC. CIVIL & STRUCTURAL ENGINEERS LAND SURVEYORS	CROSS SECTIONS F.A.S. 321 / C.H. 4	F.A.S. 321	SECTION 05-00205-02-RS	COUNTY IROQUOIS	TOTAL SHEETS 76	SHEET NO. 50
PLOT SCALE =	CHECKED -	REVISED -	CONTRACT NO. 87363								
PLOT DATE = 5/13/2008	DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS				FED. AID PROJECT				
SCALE: 5:5	SHEET NO. OF SHEETS	STA. 88+00.00 TO STA. 91+00.00									

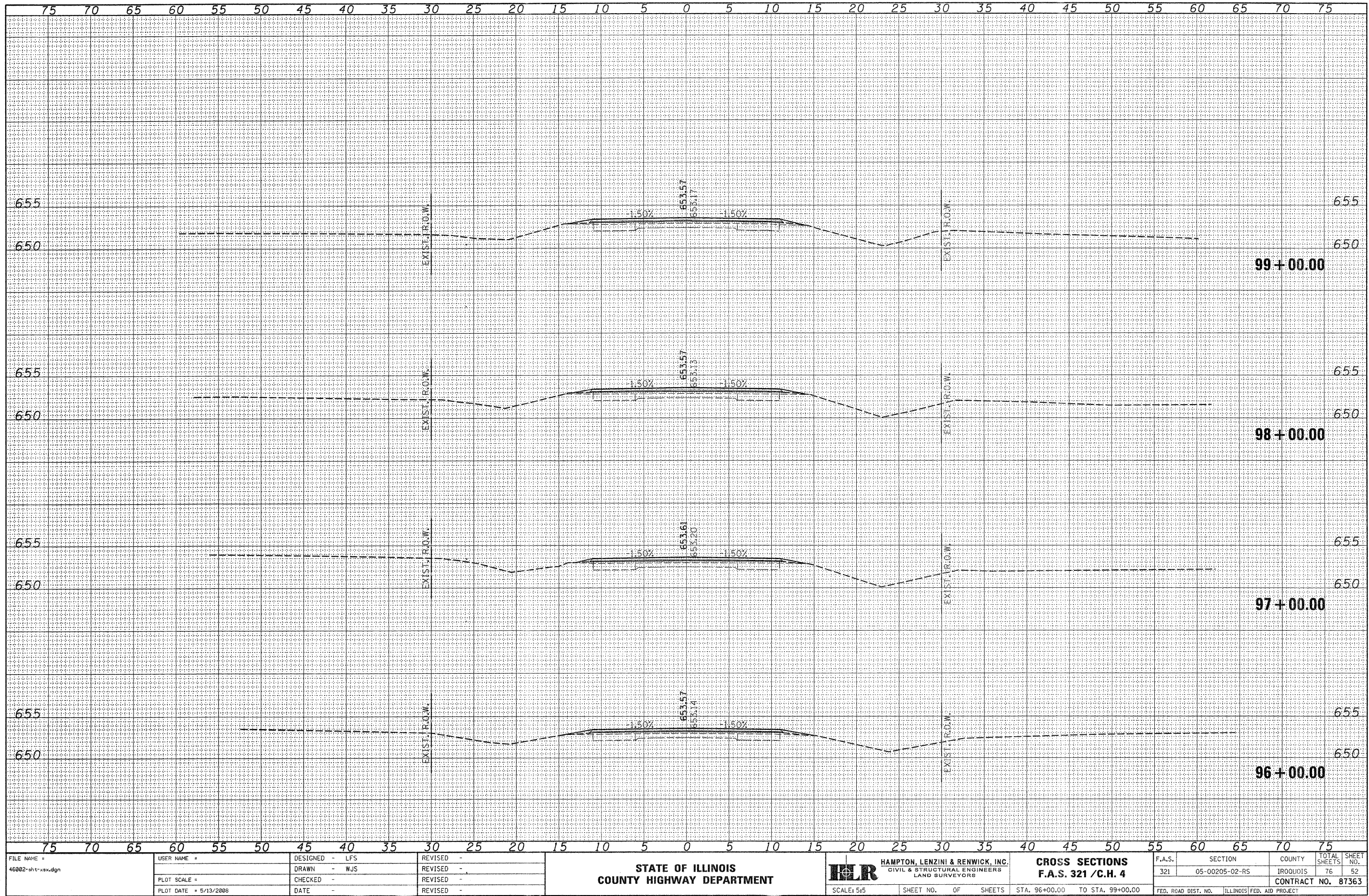
FINAL SURVEY	SURVIVED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
NO	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED _____	BY _____	DATE _____
NOTE BOOK	PLOTTED _____		
	TEMPLATE _____		
	AREAS _____		
	AREAS CHECKED _____		



FINAL SURVEY	DATE
	BY
	SURVEYED
	PLOTTED
NOTE BOOK	NO.
	DATE
	AREAS
	CHECKED

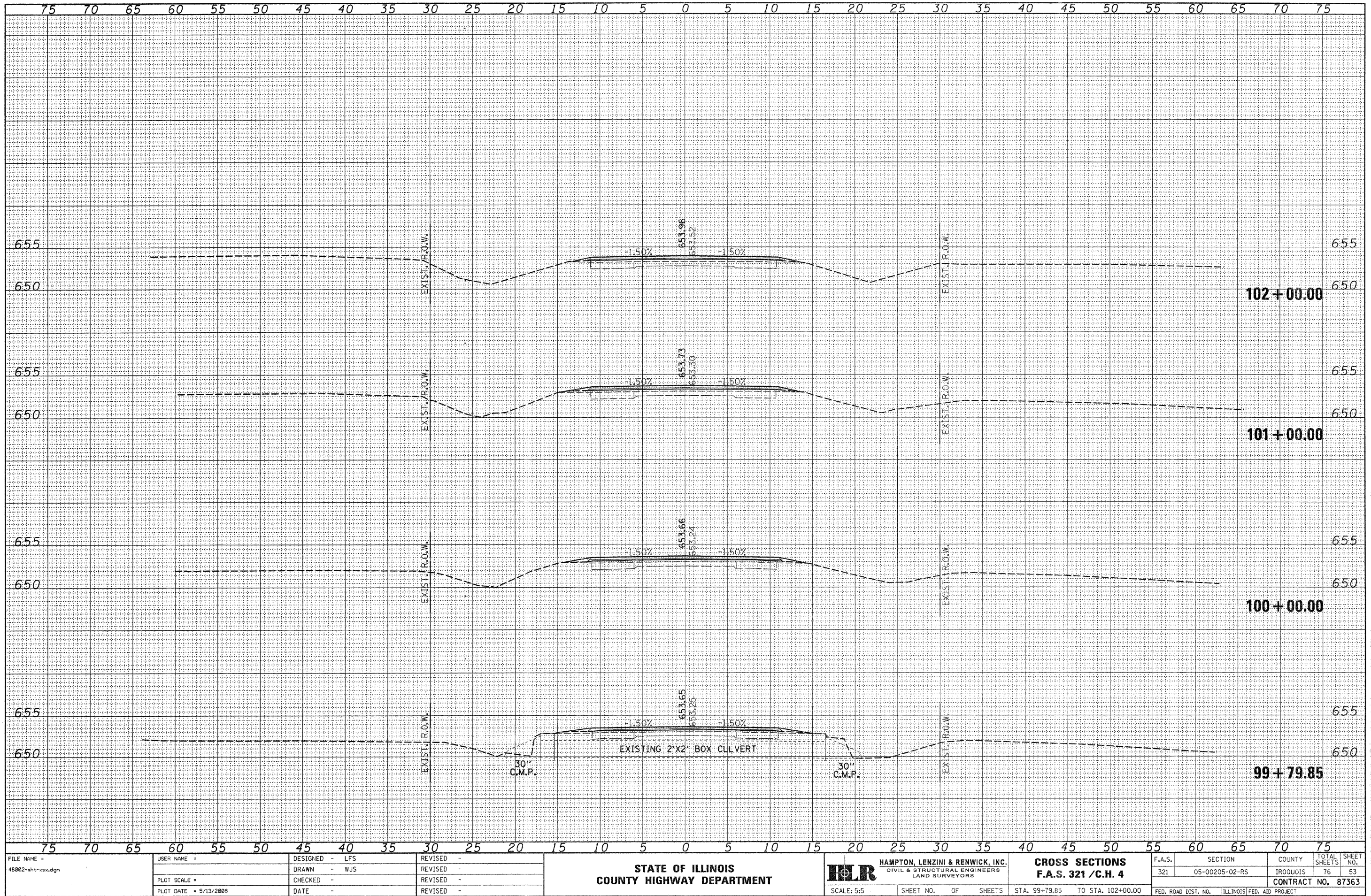
ORIGINAL SURVEY	DATE
	BY
	SURVEYED
	PLOTTED
NOTE BOOK	NO.
	DATE
	AREAS
	CHECKED



FILE NAME = 46002-shr-xss.dgn	USER NAME =	DESIGNED - LFS	REVISED -	STATE OF ILLINOIS COUNTY HIGHWAY DEPARTMENT	HAMPTON, LENZINI & RENWICK, INC. CIVIL & STRUCTURAL ENGINEERS LAND SURVEYORS	CROSS SECTIONS F.A.S. 321 / C.H. 4	F.A.S. 321	SECTION 05-00205-02-RS	COUNTY IROQUOIS	TOTAL SHEETS 76	SHEET NO. 52
PLOT SCALE =	CHECKED -	REVISED -	CONTRACT NO. 87363								
PLOT DATE = 5/13/2008	DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS				FED. AID PROJECT				
SCALE: 5:5 SHEET NO. OF SHEETS STA. 96+00.00 TO STA. 99+00.00											

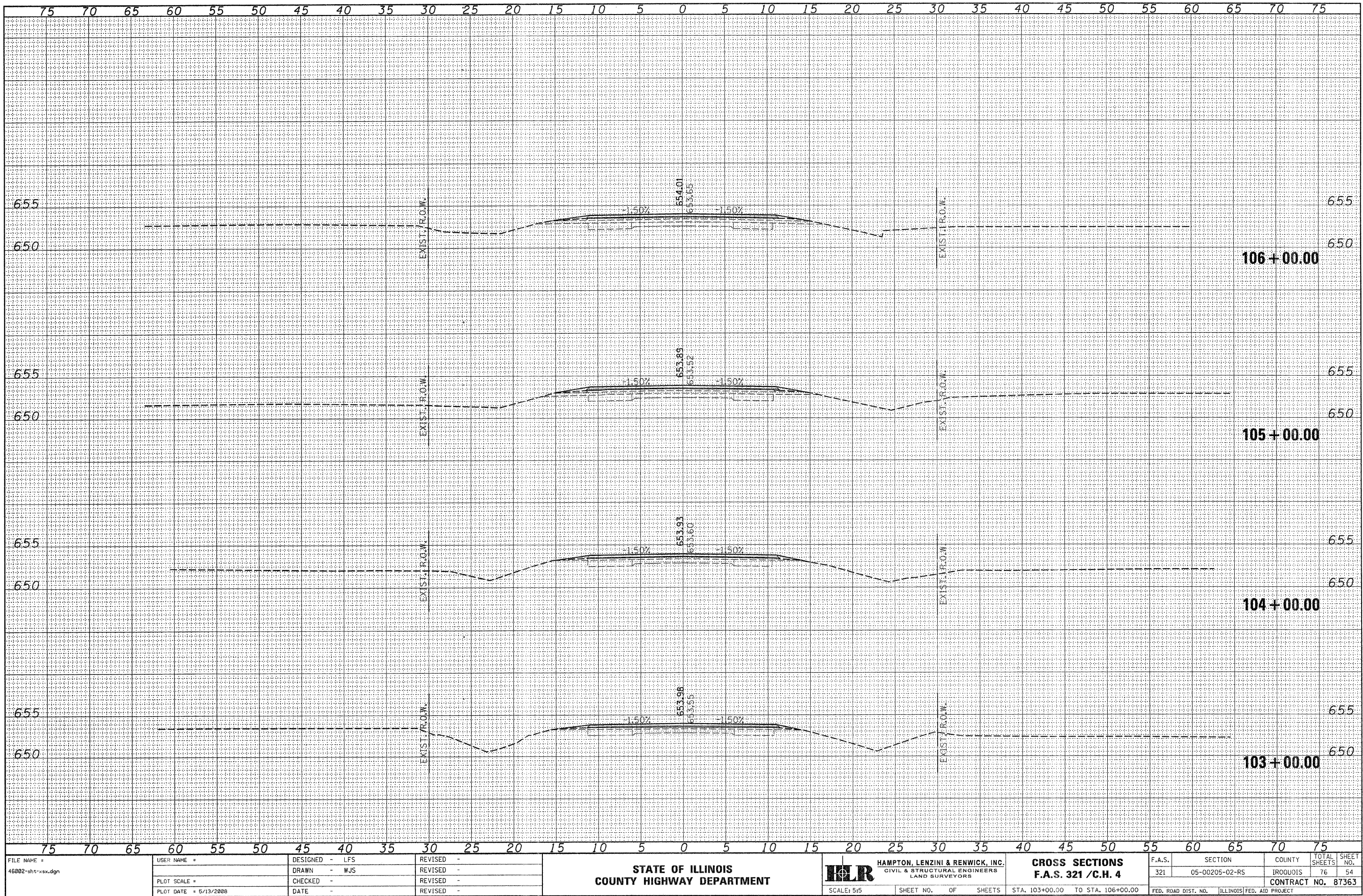
DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
		FINAL	SURVEY	NOTE BOOK	NO.

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
		ORIGINAL	SURVEY	NOTE BOOK	NO.



FINAL SURVEY	BY	DATE
	SURVEYED	
	NOTED	
	AREAS CHECKED	
NO.		

ORIGINAL SURVEY	BY	DATE
	SURVEYED	
	NOTED	
	AREAS CHECKED	
NO.		



FILE NAME =
46002-shr-xk.dgn

USER NAME =
PLOT SCALE =
PLOT DATE = 5/13/2008

DESIGNED - LFS
DRAWN - WJS
CHECKED -
DATE -

REVISED -
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REVISED -
REVISED -

STATE OF ILLINOIS
COUNTY HIGHWAY DEPARTMENT



HAMPTON, LENZINI & RENWICK, INC.
CIVIL & STRUCTURAL ENGINEERS
LAND SURVEYORS
SCALE: 5:5

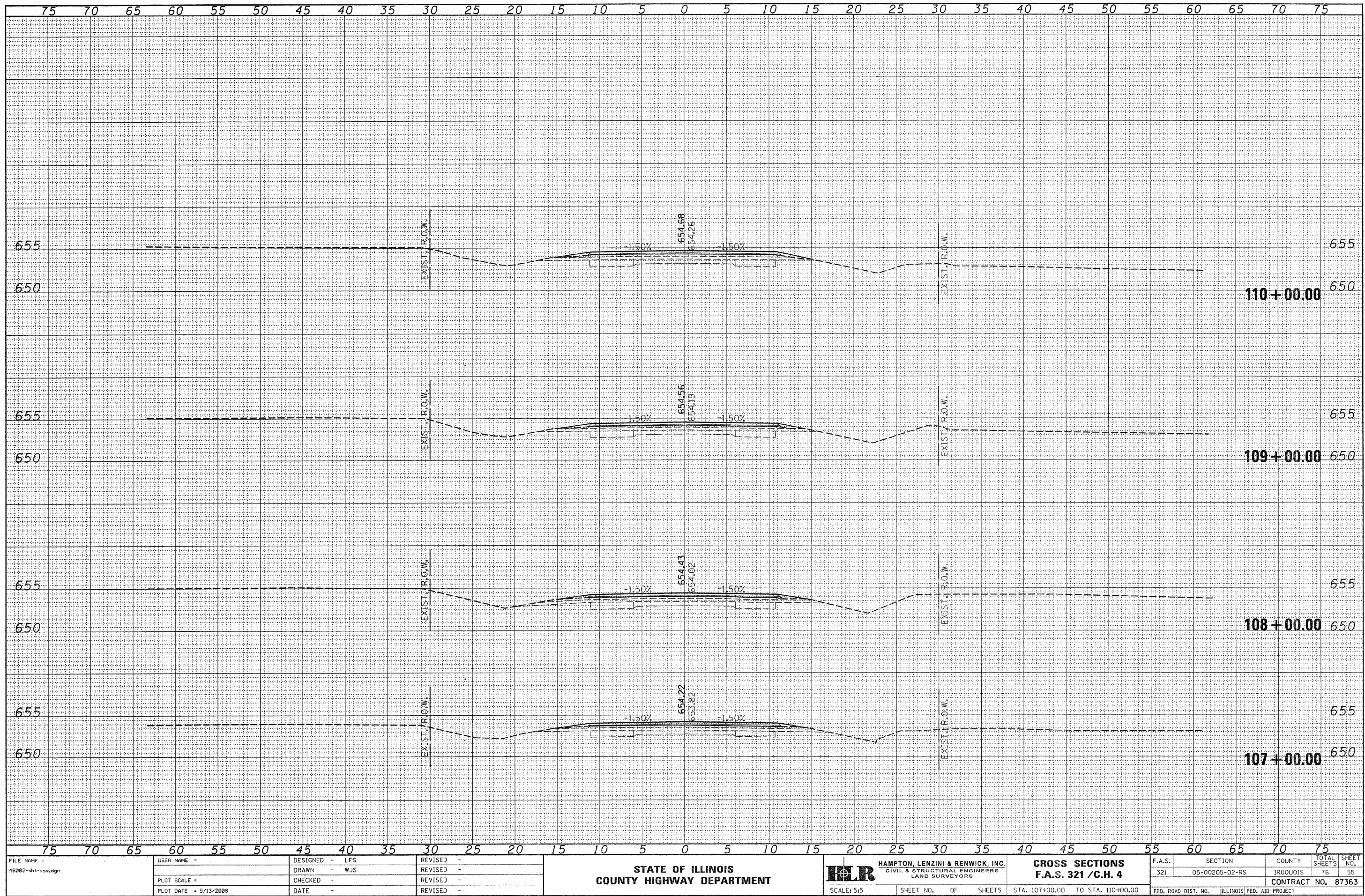
CROSS SECTIONS
F.A.S. 321 /C.H. 4

STA. 103+00.00 TO STA. 106+00.00

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
321	05-00205-02-R5	IROQUOIS	76	54
CONTRACT NO. 87363			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	DATE	
	AREAS CHECKED	

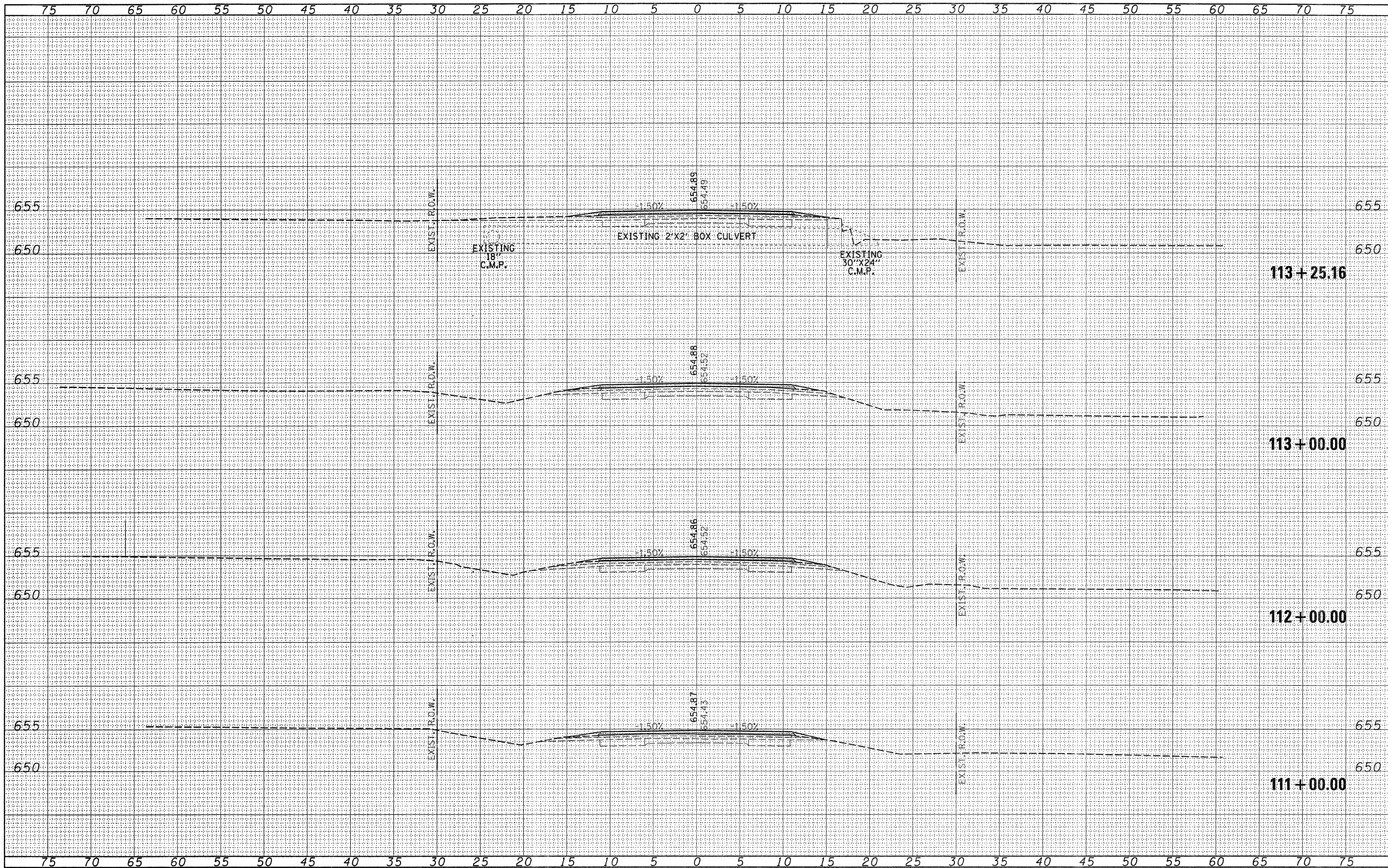
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NOTE BOOK	PLOTTED	BY
NO.	DATE	
	AREAS CHECKED	



FILE NAME = 46002-shr-xss.dgn	USER NAME =	DESIGNED - LFS	REVISED -	STATE OF ILLINOIS COUNTY HIGHWAY DEPARTMENT		HAMPTON, LENZINI & RENWICK, INC. CIVIL & STRUCTURAL ENGINEERS LAND SURVEYORS	CROSS SECTIONS F.A.S. 321 / C.H. 4		F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	DRAWN - WJS	REVISED -						321	05-00205-02-RS	IRROQUOIS	76	55
	PLOT DATE = 5/13/2008	CHECKED -	REVISED -						CONTRACT NO. 87363				
		DATE -	REVISED -						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
				SCALE: 5:5		SHEET NO. OF SHEETS		STA. 107+00.00 TO STA. 110+00.00					

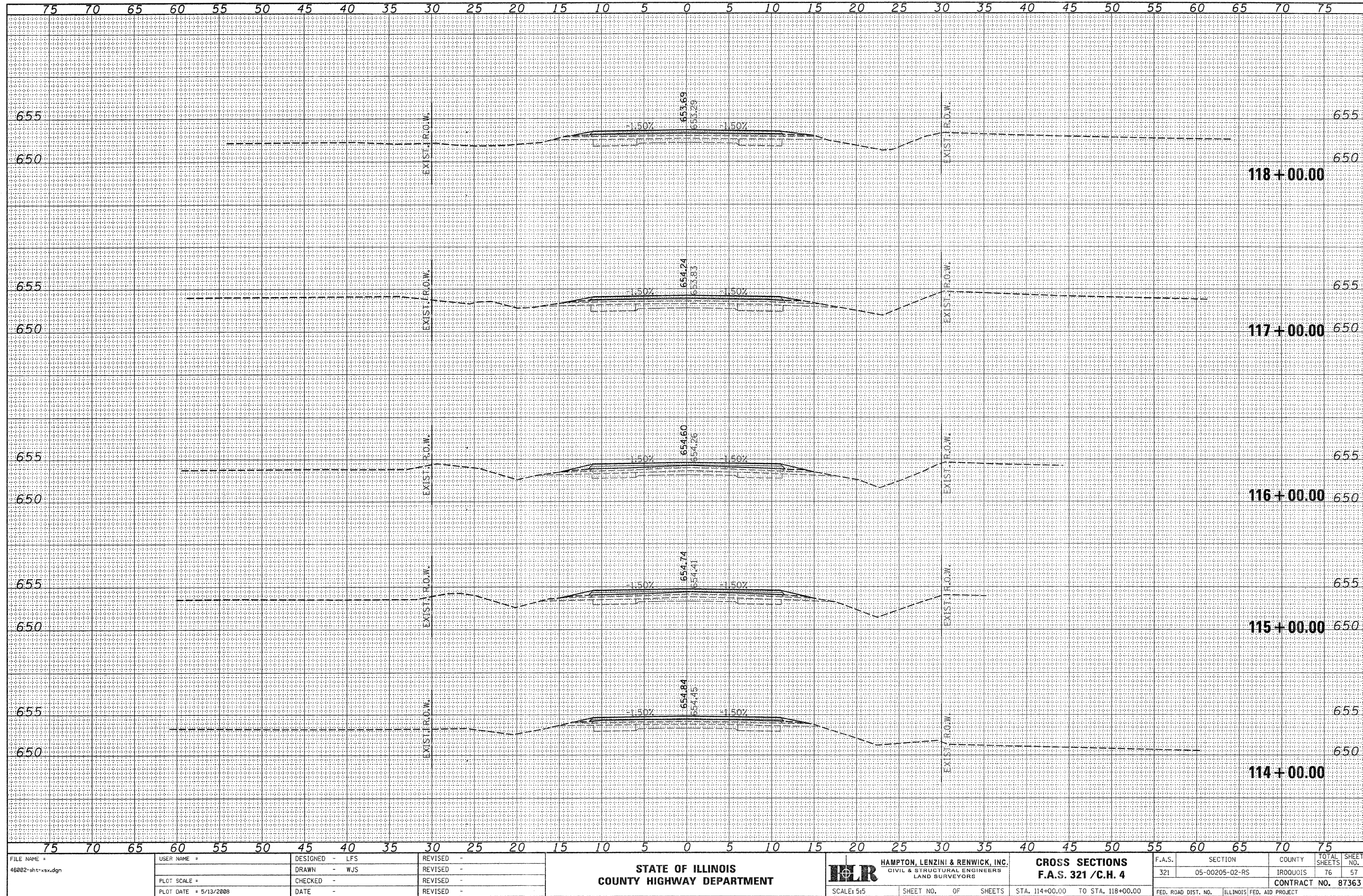
DATE	BY
SURVEYED	PLOTTED
NOTE BOOK	AREA CHECKED
NO.	NO.

DATE	BY
SURVEYED	PLOTTED
NOTE BOOK	AREA CHECKED
NO.	NO.



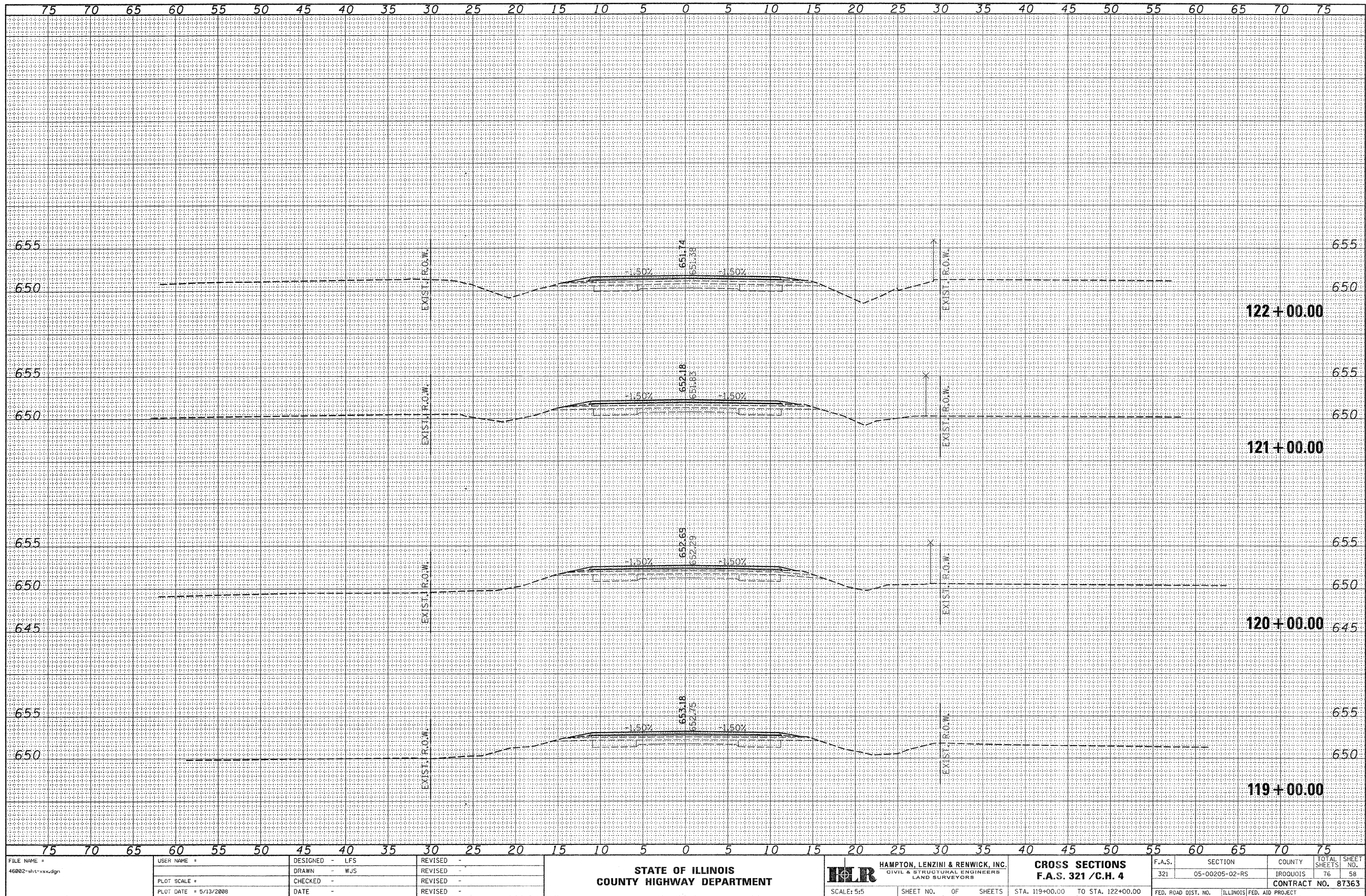
DATE	BY
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	BY
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



DATE	
BY	
SURVEYED	
NOTED	
TEMPERATURE	
WIND	
MOON	
TIME	
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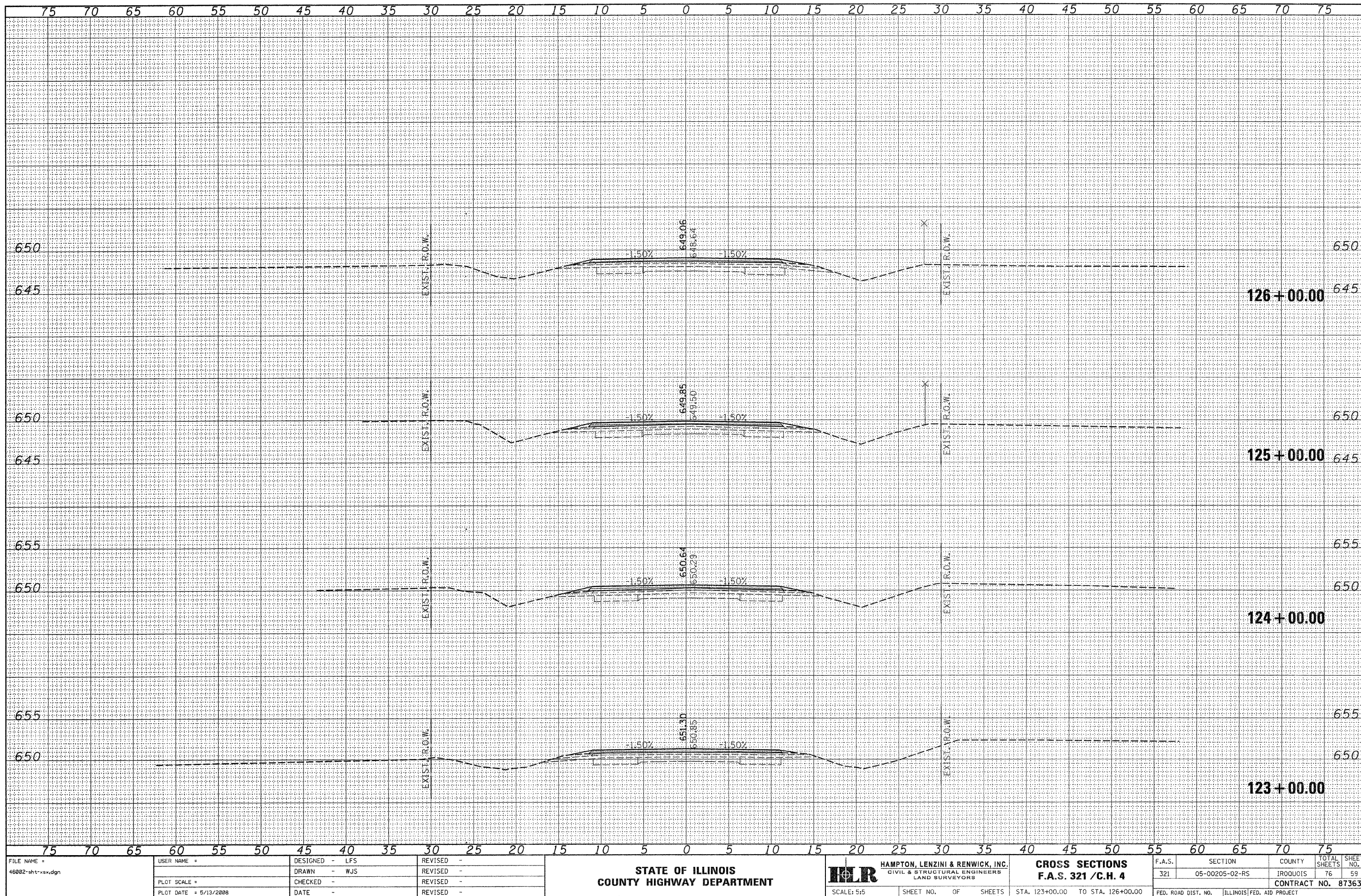
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BY	
SURVEYED	
NOTED	
TEMPERATURE	
WIND	
MOON	
TIME	
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FILE NAME = 46002-sh1-xxs.dgn	USER NAME =	DESIGNED - LFS	REVISED -	STATE OF ILLINOIS COUNTY HIGHWAY DEPARTMENT	HAMPTON, LENZINI & RENWICK, INC. CIVIL & STRUCTURAL ENGINEERS LAND SURVEYORS	CROSS SECTIONS F.A.S. 321 / C.H. 4	F.A.S. 321	SECTION 05-00205-02-RS	COUNTY IROQUOIS	TOTAL SHEETS 76	SHEET NO. 58
PLOT SCALE =	PLOT DATE = 5/13/2008	DRAWN - WJS	REVISED -		SCALE: 5:5	STA. 119+00.00 TO STA. 122+00.00	SHEET NO. OF SHEETS		CONTRACT NO. 87363		
		CHECKED -	REVISED -								
		DATE -	REVISED -								

DATE	BY	DESIGNED	PLOTTED	AREAS CHECKED
FINAL SURVEY	NOTE BOOK	NO.		

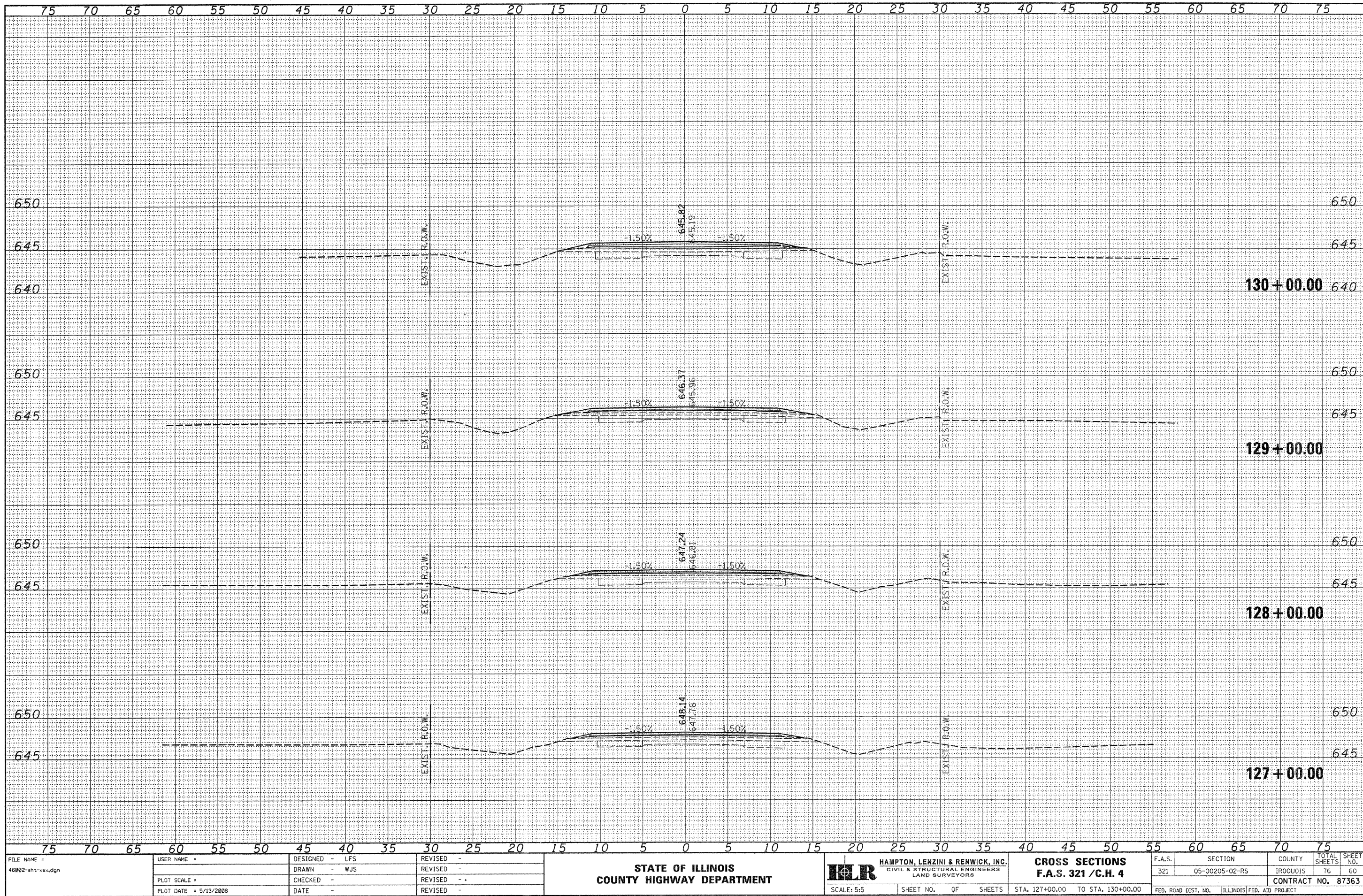
DATE	BY	DESIGNED	PLOTTED	AREAS CHECKED
ORIGINAL SURVEY	NOTE BOOK	NO.		



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PLOT SCALE =	CHECKED -	REVISED -	CONTRACT NO. 87363								
PLOT DATE = 5/13/2008	DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								
SCALE: 5:5		SHEET NO. OF SHEETS					STA. 123+00.00 TO STA. 126+00.00				

DATE	
BY	
SAVED	
NOTE BOOK	
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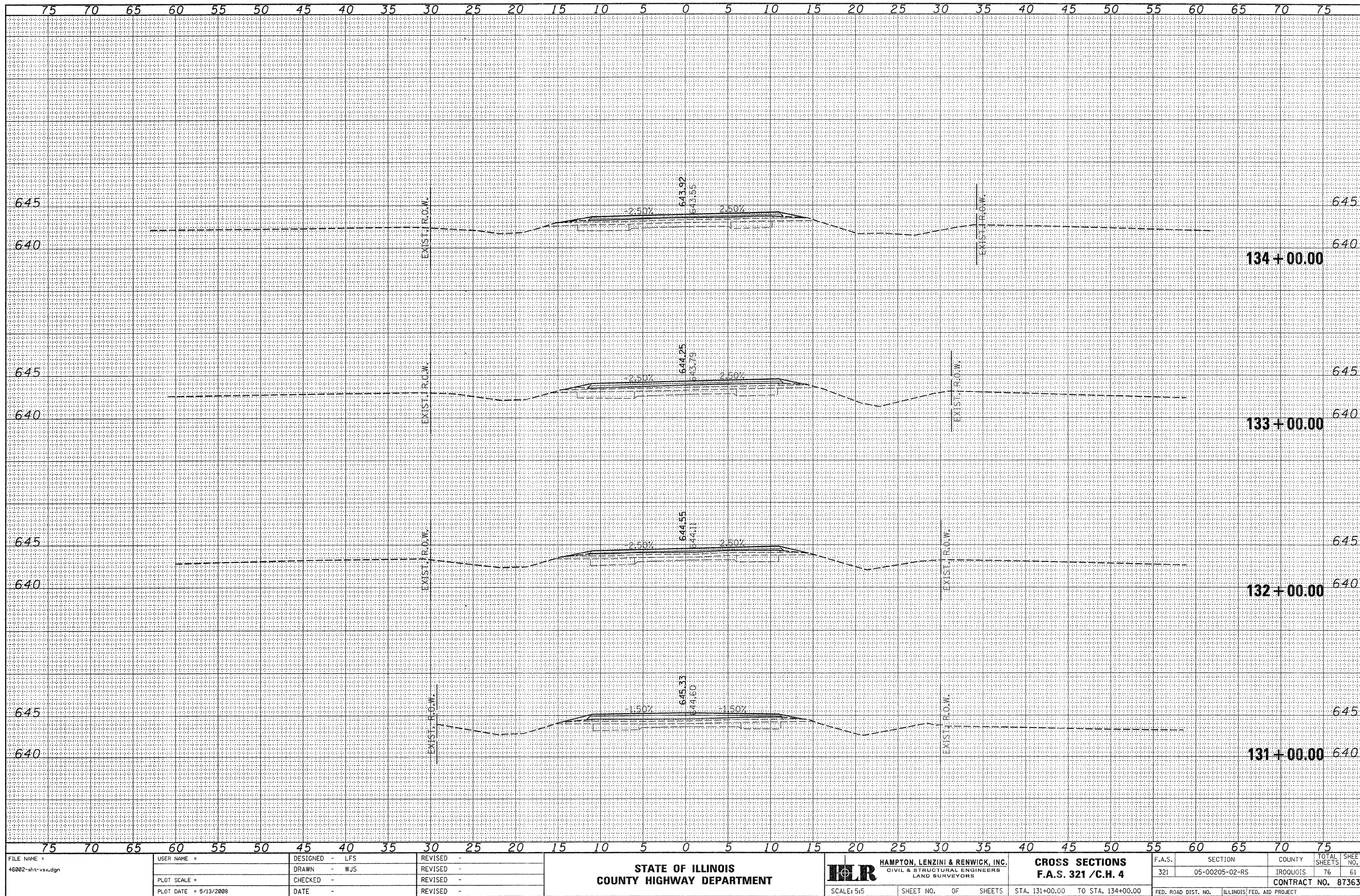
DATE	
BY	
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PLOT SCALE =	CHECKED -	REVISED -	CONTRACT NO. 87363								
PLOT DATE = 5/13/2008	DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								
SCALE: 5:5 SHEET NO. OF SHEETS STA. 127+00.00 TO STA. 130+00.00											

DATE	BY	DESIGNED	PLOTTED	TEMPLATE	AREAS	CHECKED
FINAL		NOTE BOOK				

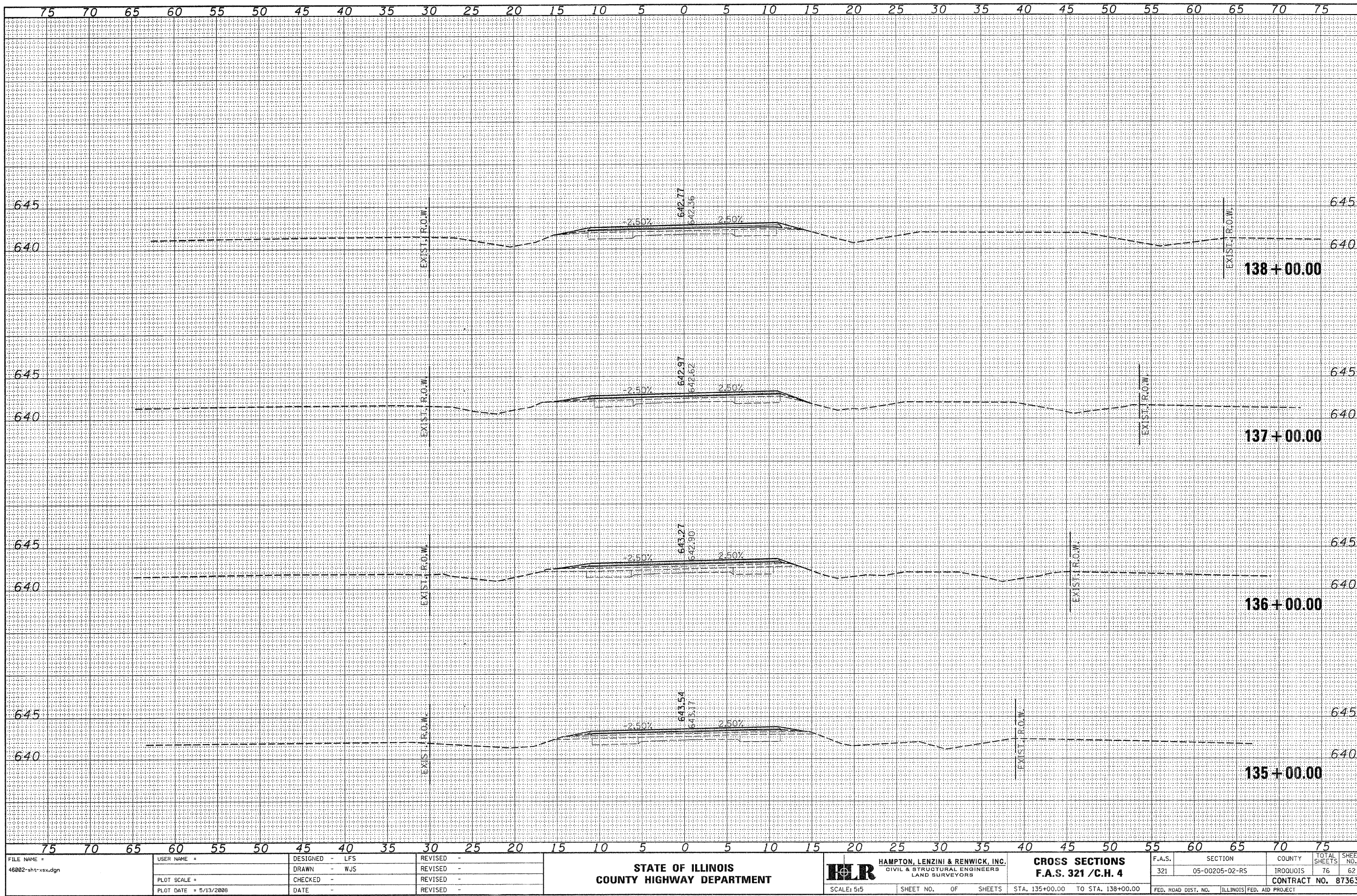
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ORIGINAL		NOTE BOOK				



FILE NAME = 46002-shr-ssu.dgn	USER NAME =	DESIGNED - LFS	REVISED -	STATE OF ILLINOIS COUNTY HIGHWAY DEPARTMENT	HAMPTON, LENZINI & RENWICK, INC. CIVIL & STRUCTURAL ENGINEERS LAND SURVEYORS	CROSS SECTIONS F.A.S. 321 / C.H. 4	F.A.S. 321	SECTION 05-00205-02-RS	COUNTY IROQUOIS	TOTAL SHEETS 76	SHEET NO. 61
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PLOT DATE = 5/13/2008	DATE -	REVISED -									
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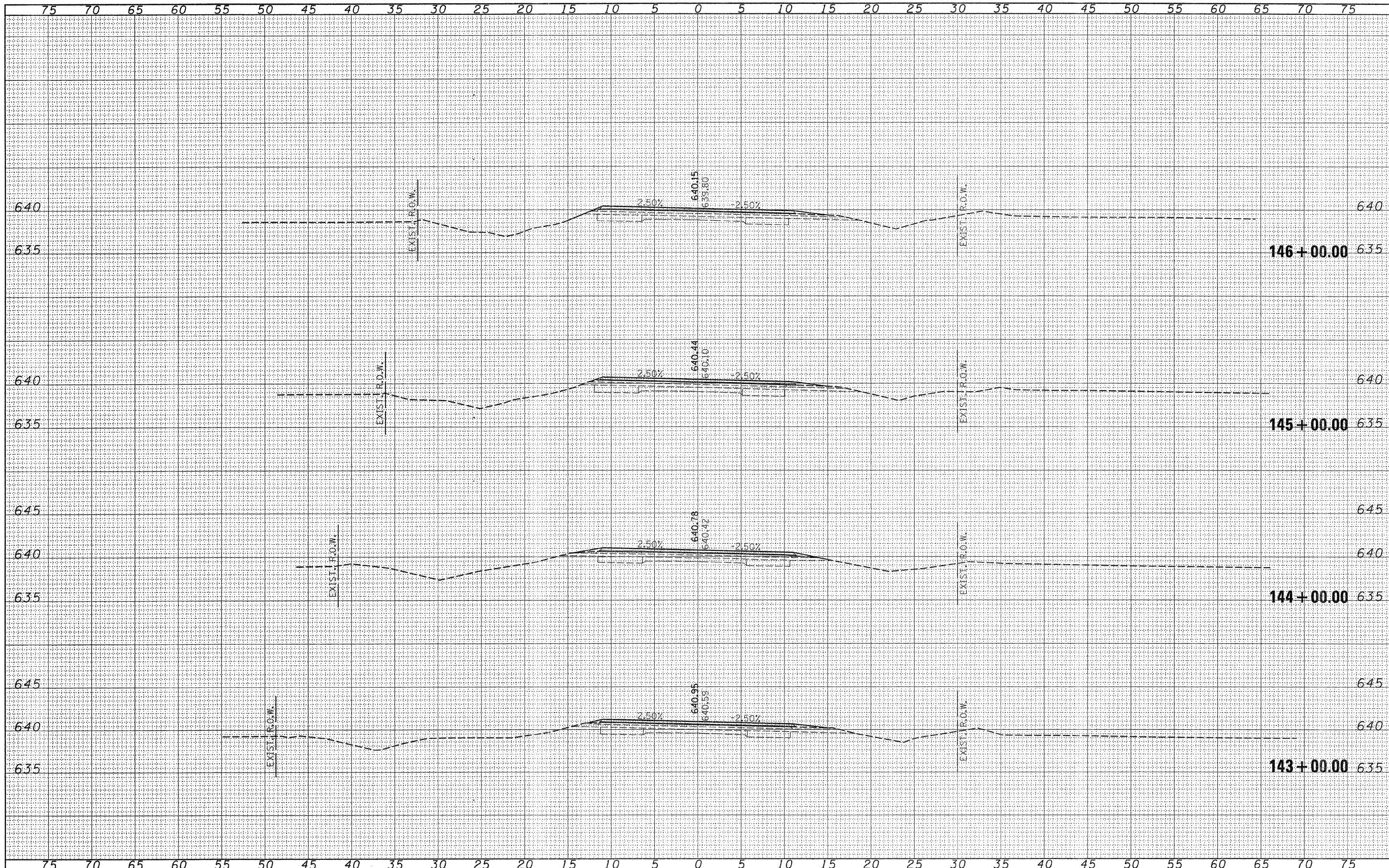
FINAL SURVEY	DATE
	BY
	SURVEYED
	NOTED
NO.	NO.

ORIGINAL SURVEY	DATE
	BY
	SURVEYED
	NOTED
NO.	NO.

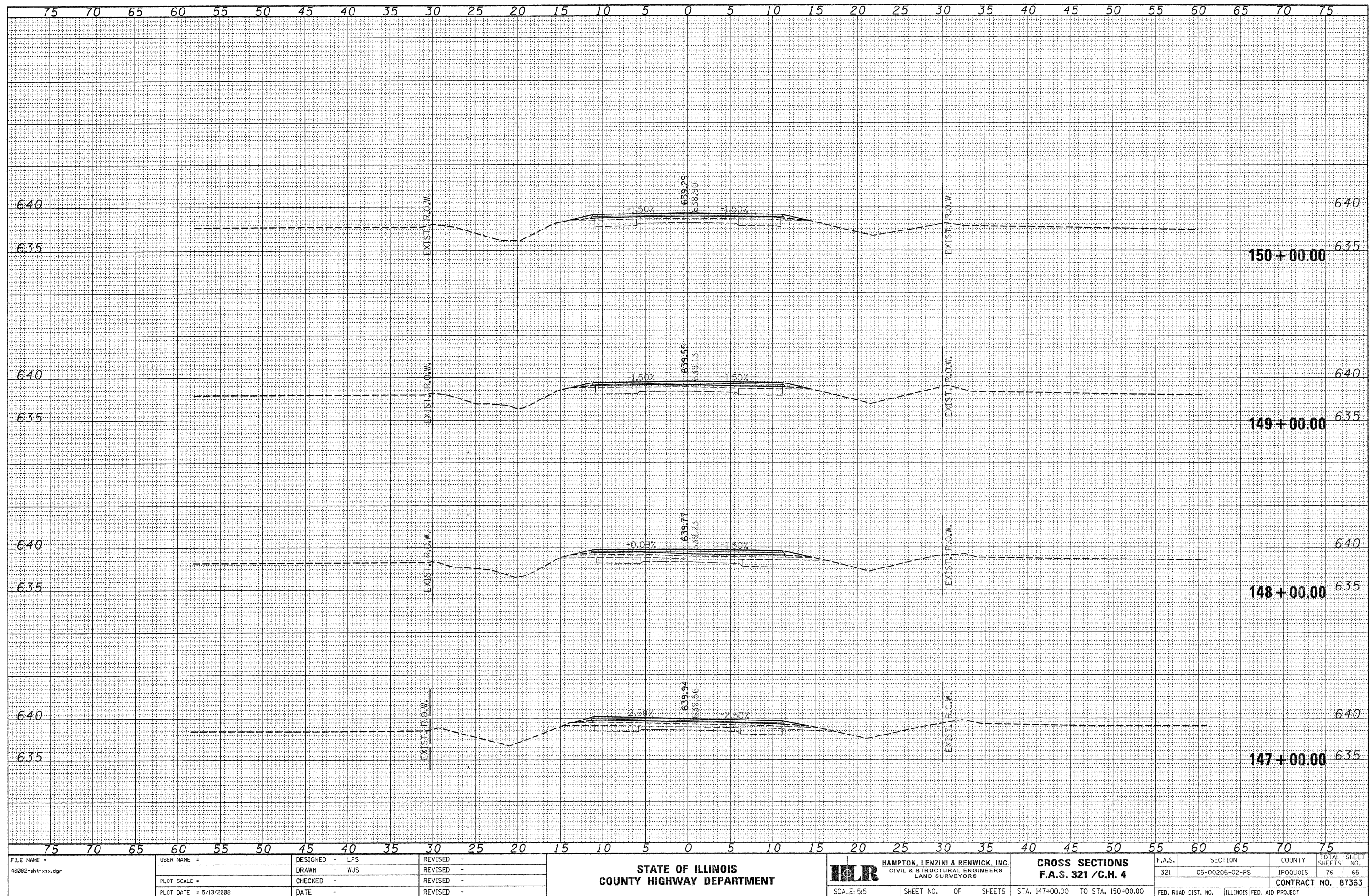


DATE	BY
SURVEYED	NOTED
PLOTTED	DATE
NO. BOOK	AREAS
AREAS	CHECKED
NO.	

DATE	BY
SURVEYED	NOTED
PLOTTED	DATE
NO. BOOK	AREAS
AREAS	CHECKED
NO.	

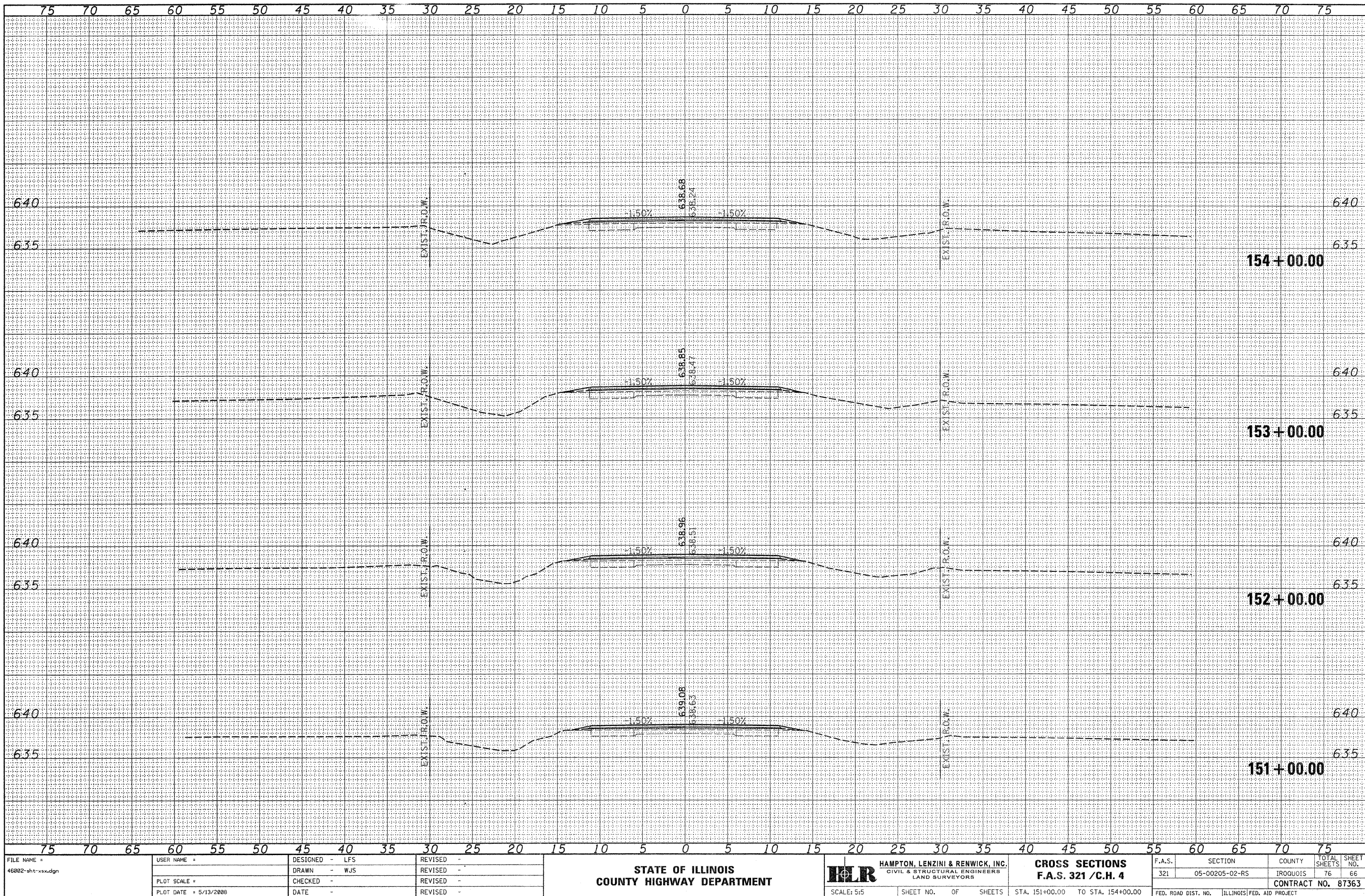


ORIGINAL SURVEY	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
	TEMPLATE _____		
	AREAS _____		
NOTE BOOK	AREAS CHECKED _____		



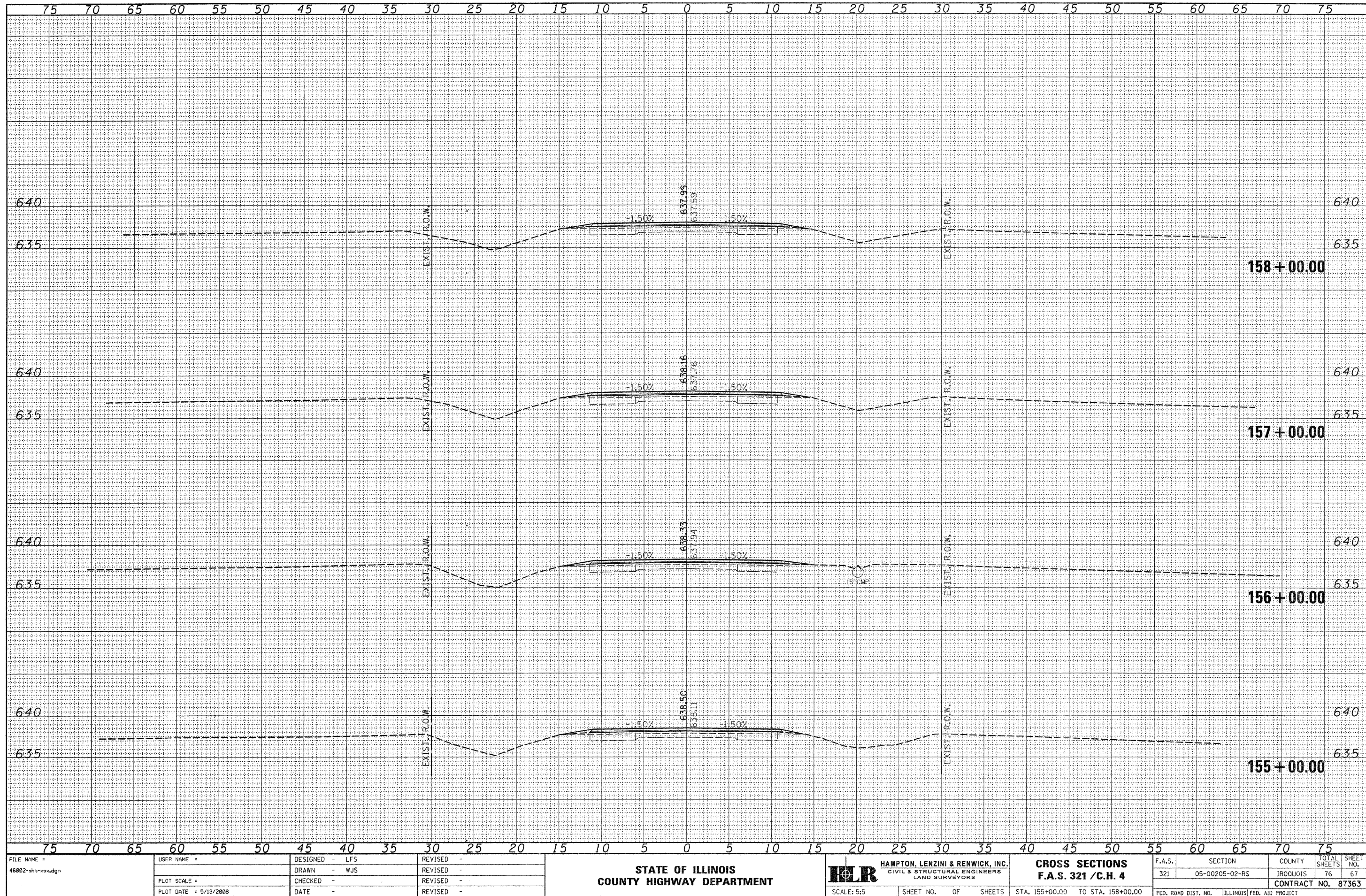
DATE	BY
SURVEYED	
NOTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	BY
SURVEYED	
NOTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

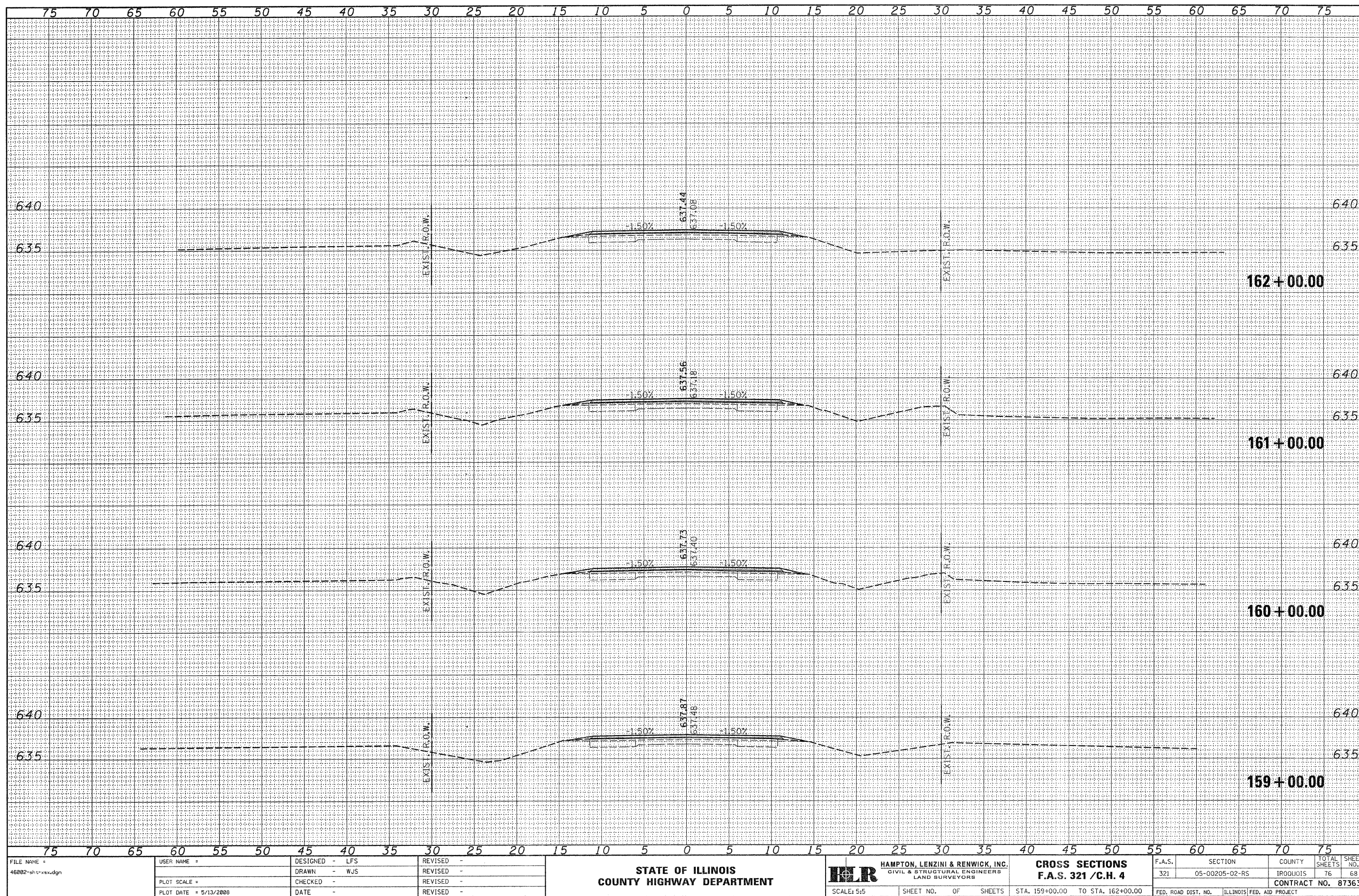


FINAL SURVEY	DATE
	BY
NOTE BOOK	SURVEYED
	PLOTTED
AREAS CHECKED	DATE
	BY

ORIGINAL SURVEY	DATE
	BY
NOTE BOOK	SURVEYED
	PLOTTED
AREAS CHECKED	DATE
	BY

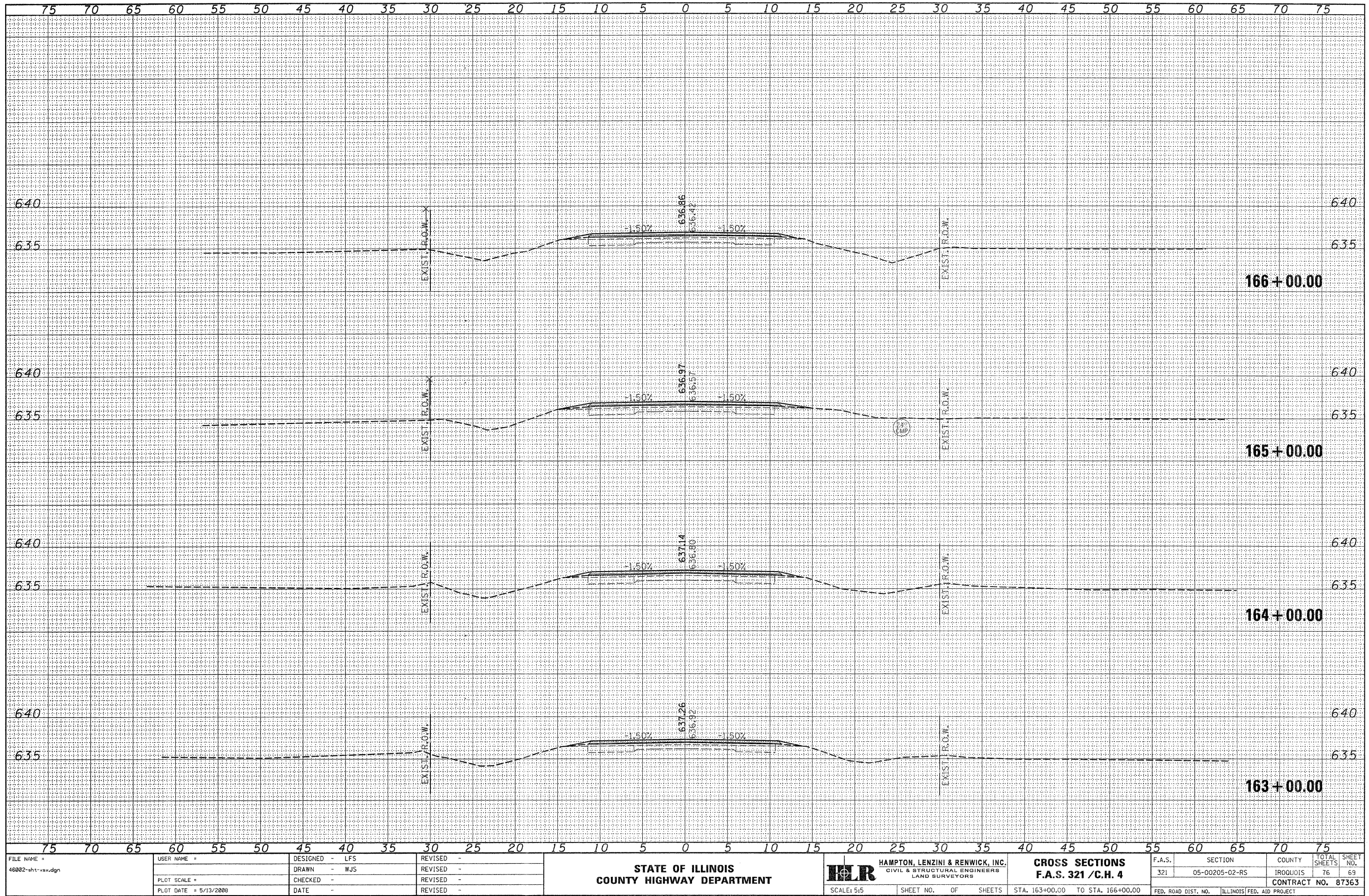


FINAL SURVEY	SURVED	BY	DATE
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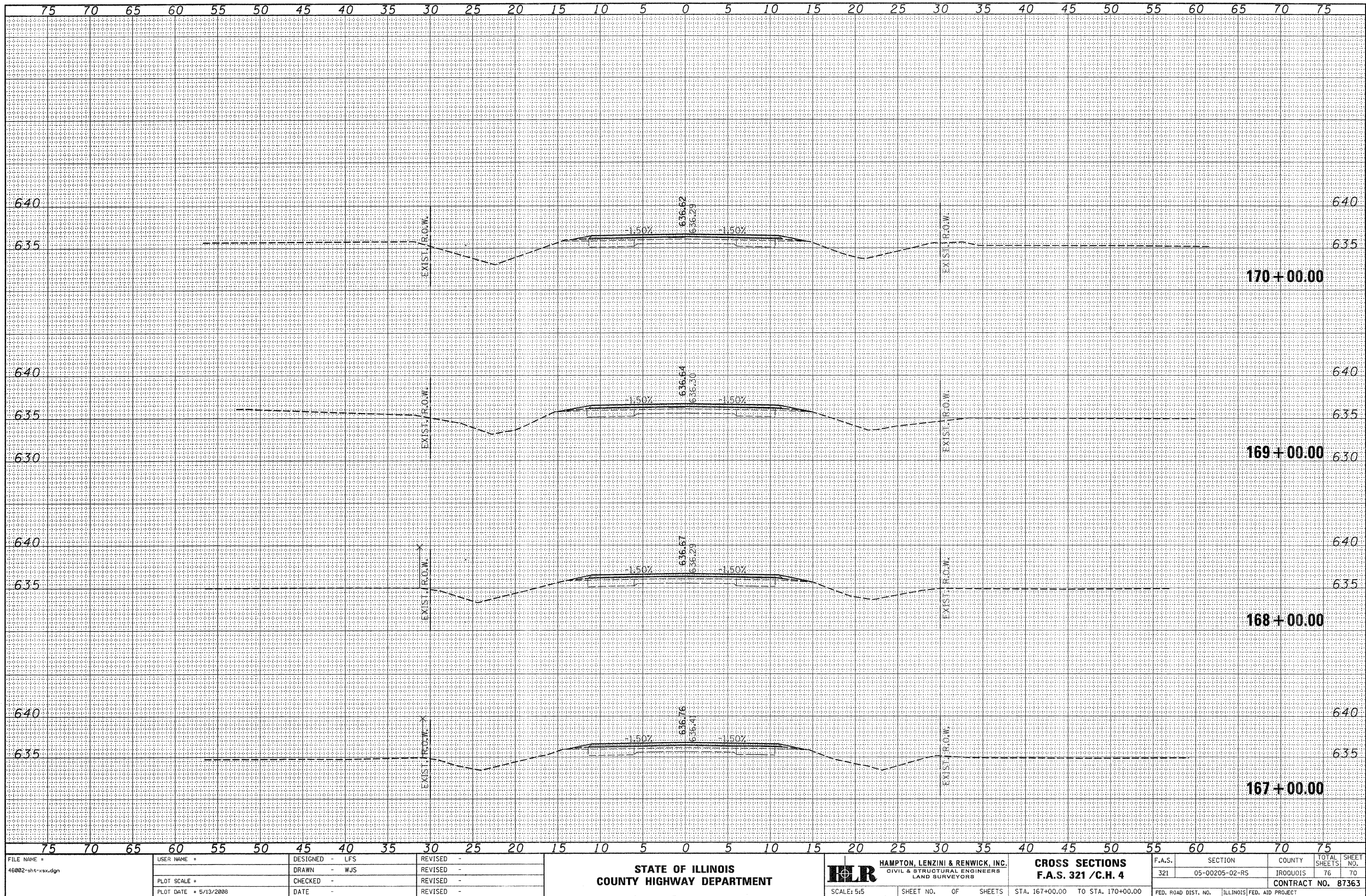
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ORIGINAL SURVEY NOTE BOOK NO.	REVIEWED PLOTTED TEMPLATE AREAS CHECKED	DATE	BY



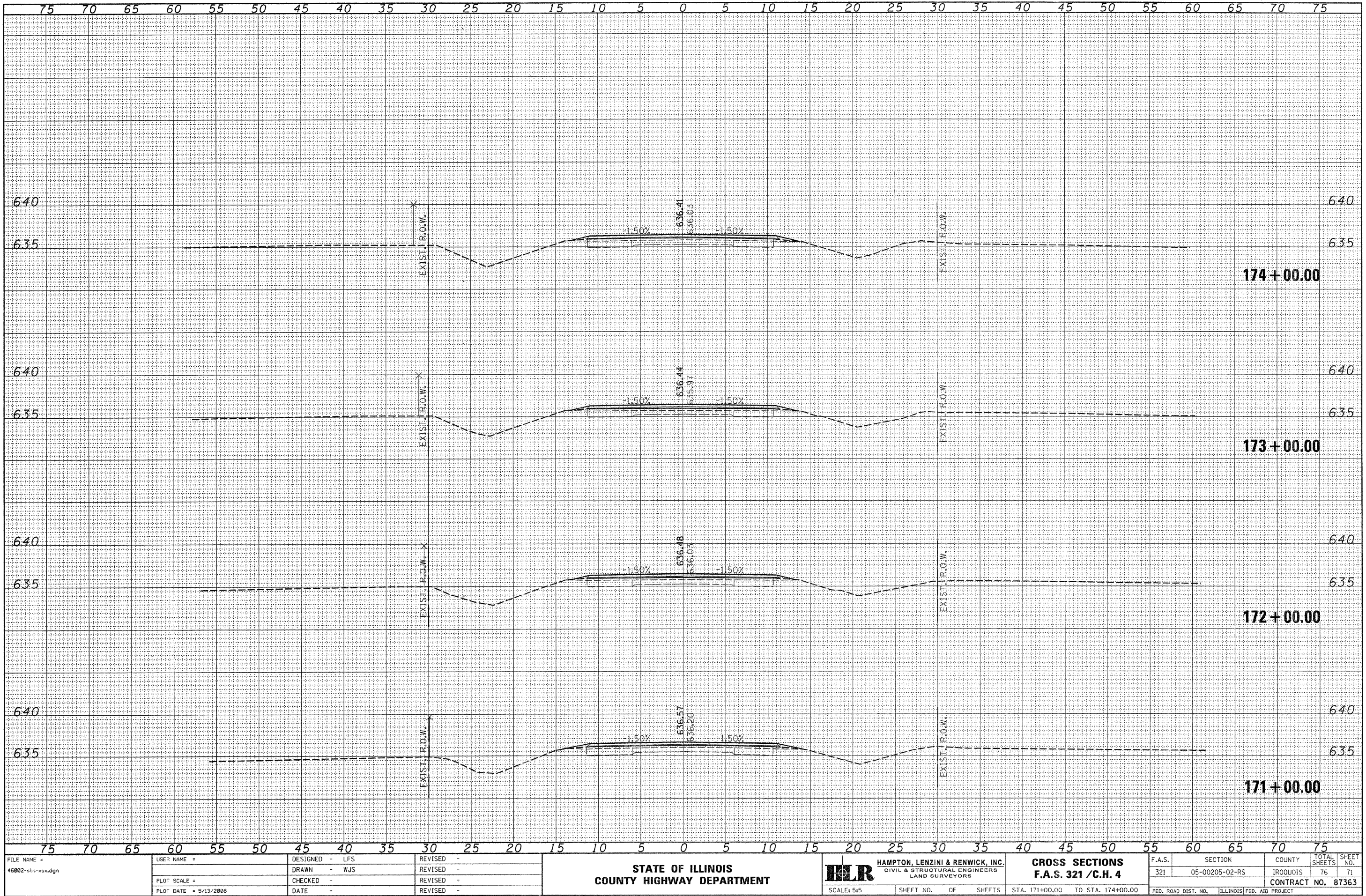
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		NOTED	NOTED
		NOTED	NOTED
		NOTED	NOTED

DATE	BY	ORIGINAL SURVEY	SURVEYED
		NOTED	NOTED
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		NOTED	NOTED

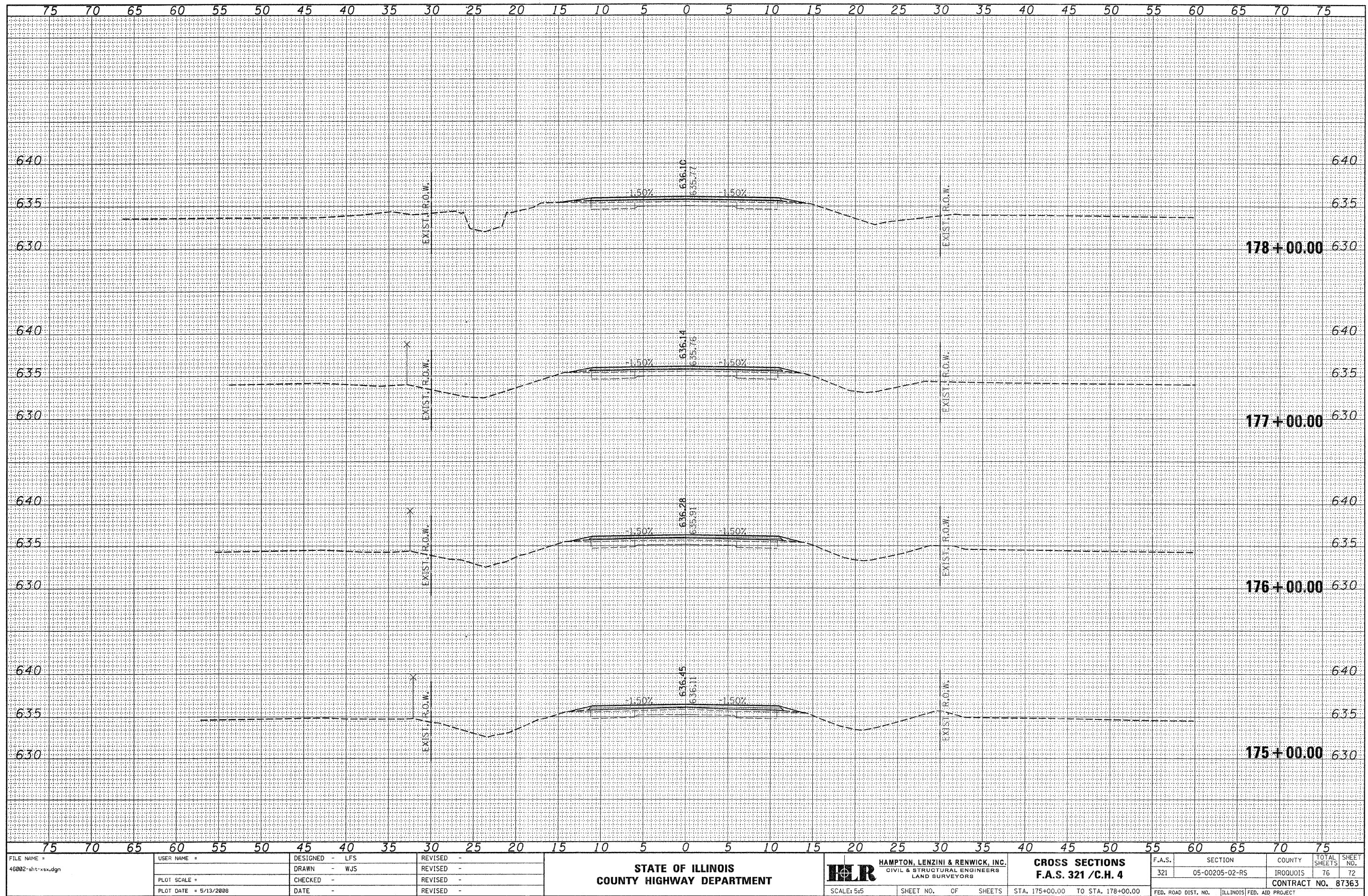


FINAL SURVEY	SUPERVISOR PLOTTER TEMPLATE AREAS CHECKED	DATE
		BY

ORIGINAL SURVEY	SUPERVISOR PLOTTER TEMPLATE AREAS CHECKED	DATE
		BY

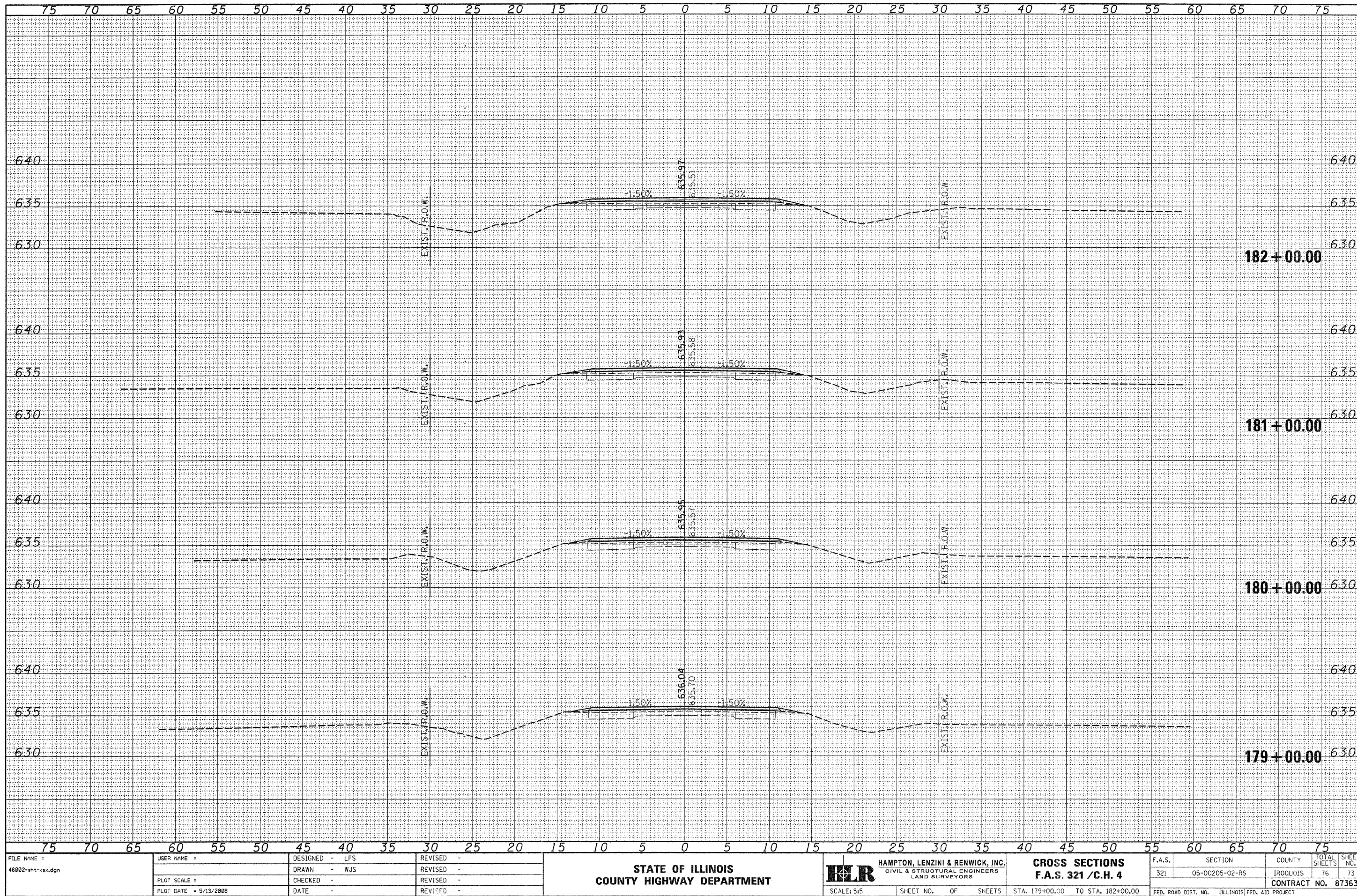


ORIGINAL					
SURVEY	SURVEYED		BY		DATE
NOTE BOOK	PLOTTED				
	TEMPLATE				
	AREAS				
NO.	AREAS CHECKED				



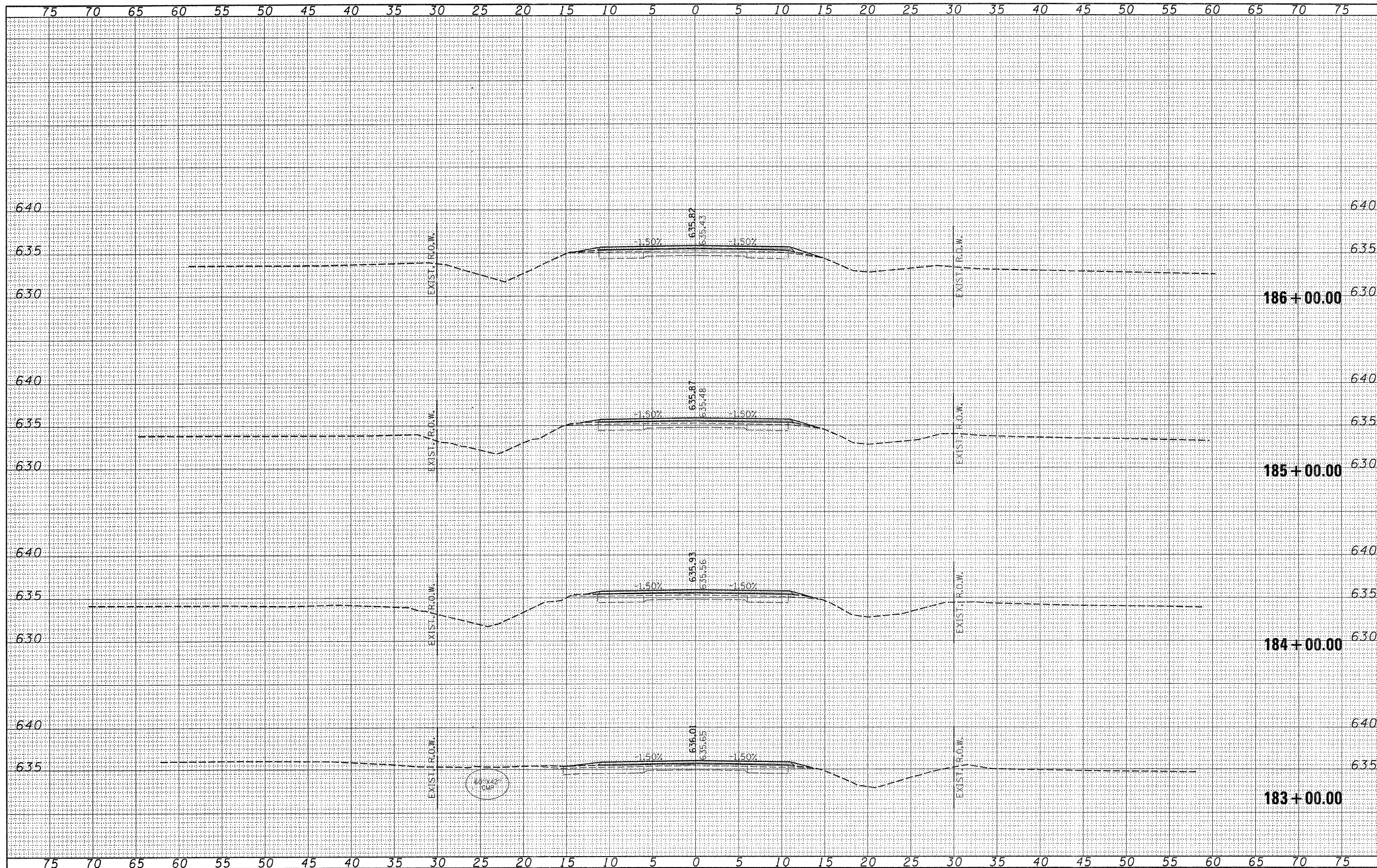
DATE	BY	CHECKED	PLOTTED	TEMPLATE	AREAS	CHECKED
FINAL	SURVEY	NOTE BOOK	NO.			

DATE	BY	CHECKED	PLOTTED	TEMPLATE	AREAS	CHECKED
ORIGINAL	SURVEY	NOTE BOOK	NO.			



DATE	BY	DESIGNED	PLANNED	NOTED	AREAS
NO.					

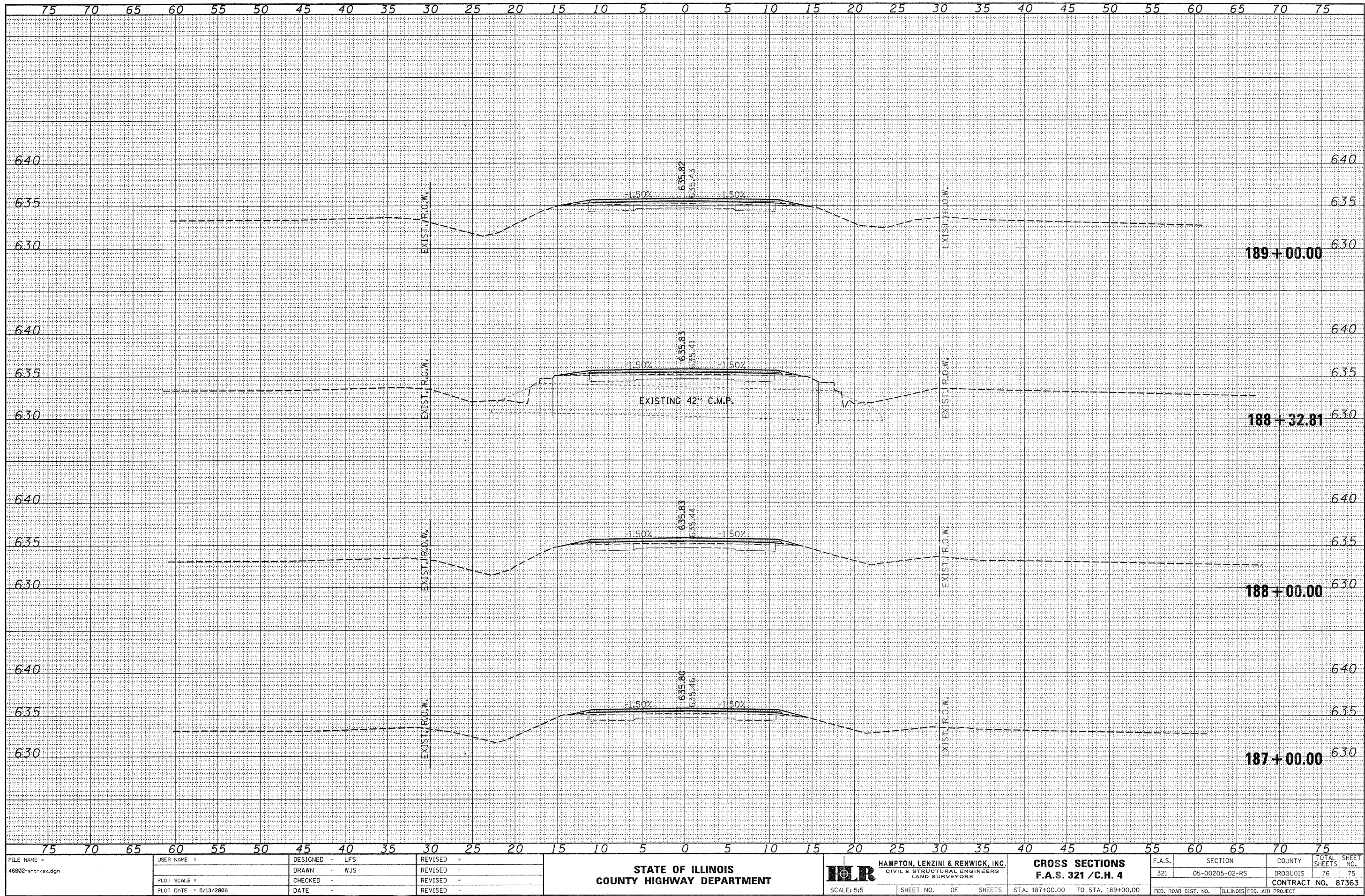
DATE	BY	DESIGNED	PLANNED	NOTED	AREAS
NO.					



FILE NAME = 46802-sht-xss.dgn	USER NAME =	DESIGNED - LFS	REVISED -	STATE OF ILLINOIS COUNTY HIGHWAY DEPARTMENT		HAMPTON, LENZINI & RENWICK, INC. CIVIL & STRUCTURAL ENGINEERS LAND SURVEYORS	CROSS SECTIONS F.A.S. 321 / C.H. 4		F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - WJS	REVISED -						321	05-00205-02-RS	IROQUOIS	76	74
		CHECKED -	REVISED -						CONTRACT NO. 87363				
		DATE -	REVISED -						ILLINOIS FED. AID PROJECT				
PLOT DATE = 5/13/2008				SCALE: 5:5		SHEET NO. OF SHEETS		STA. 183+00.00 TO STA. 186+00.00		FED. ROAD DIST. NO.			

FINAL SURVEY	DATE	BY
	SURVEYED	PLOTTED
	NOTE BOOK	AREAS CHECKED
	NO.	

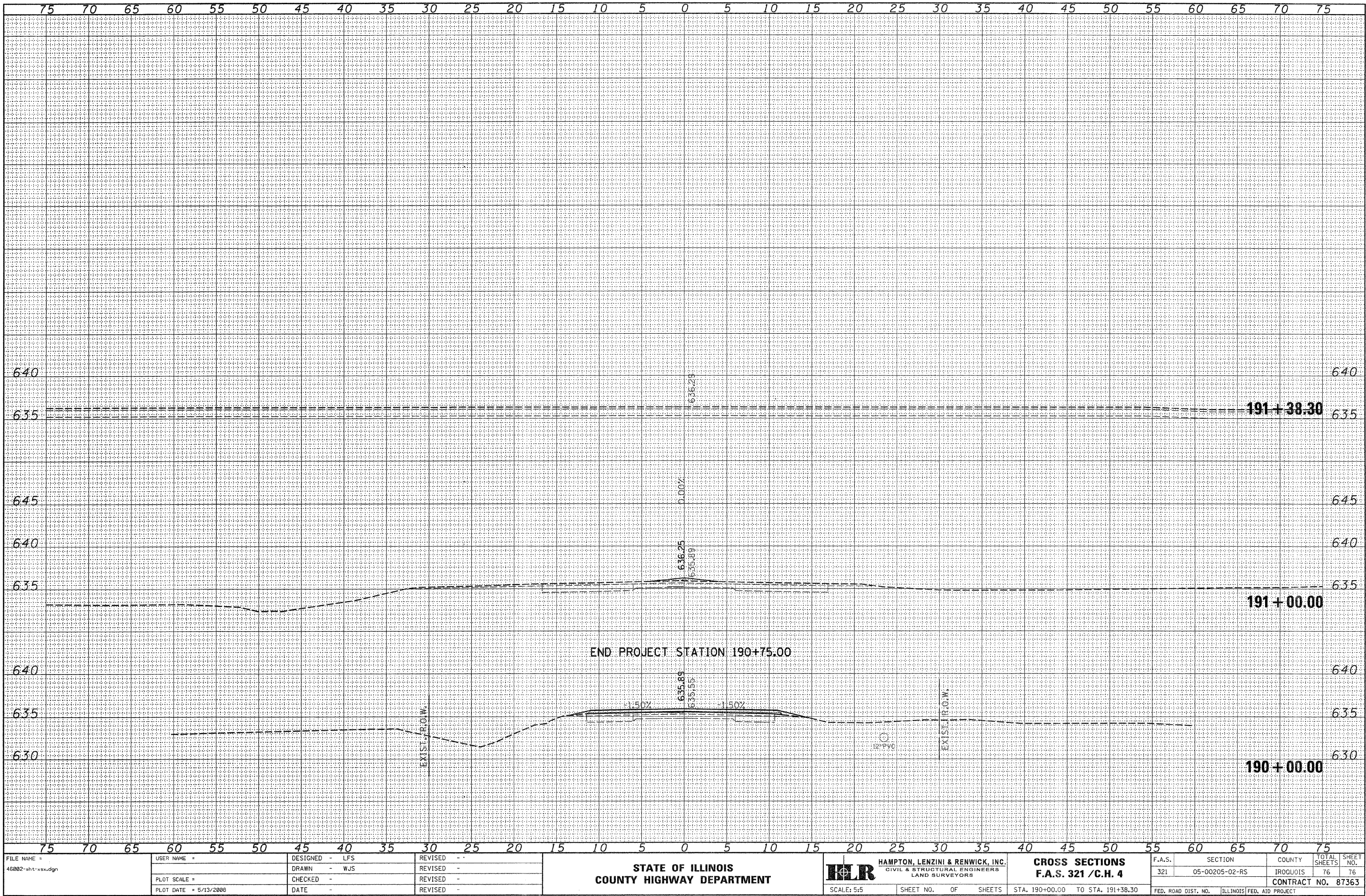
ORIGINAL SURVEY	DATE	BY
	SURVEYED	PLOTTED
	NOTE BOOK	AREAS CHECKED
	NO.	



FILE NAME = 48002-shr-rsx.dgn	USER NAME =	DESIGNED - LFS	REVISED -	STATE OF ILLINOIS COUNTY HIGHWAY DEPARTMENT	HLR HAMPTON, LENZINI & RENWICK, INC. CIVIL & STRUCTURAL ENGINEERS LAND SURVEYORS	CROSS SECTIONS F.A.S. 321 / C.H. 4	F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - WJS	REVISED -				321	05-00205-02-RS	IRROUOIS	76	75
		CHECKED -	REVISED -				CONTRACT NO. 87363				
		DATE -	REVISED -				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	DATE
	BY	
	NOTE BOOK	
	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
	BY	
	NOTE BOOK	
	AREAS CHECKED	



FILE NAME = 46002-sht-xss.dgn	USER NAME =	DESIGNED - LFS	REVISED -	STATE OF ILLINOIS COUNTY HIGHWAY DEPARTMENT	HAMPTON, LENZINI & RENWICK, INC. CIVIL & STRUCTURAL ENGINEERS LAND SURVEYORS	CROSS SECTIONS F.A.S. 321 / C.H. 4	F.A.S. 321	SECTION 05-00205-02-RS	COUNTY IROQUOIS	TOTAL SHEETS 76	SHEET NO. 76		
	PLOT SCALE =	DRAWN - WJS	REVISED -										
	PLOT DATE = 5/13/2008	CHECKED -	REVISED -										
		DATE -	REVISED -										
					SCALE: 5:5	SHEET NO. OF SHEETS	STA. 190+00.00 TO STA. 191+38.30	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					