

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	1
FED. ROAD DIST. NO. 3	ILLINOIS	CONTRACT NO. 87406		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED
AMERICAN RECOVERY AND REINVESTMENT ACT
HIGHWAY PLANS

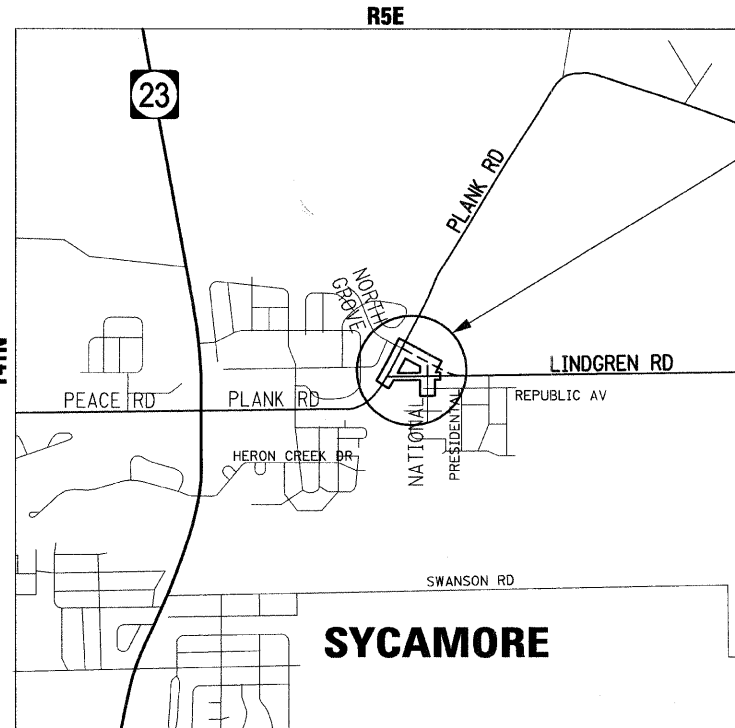
F.A.U. ROUTE 5369 (PLANK ROAD)
LINDGREN ROAD REALIGNMENT AT PLANK ROAD
CITY OF SYCAMORE
DEKALB COUNTY
SECTION: 09-00068-00-FP
PROJECT: ARA-5017(041)
JOB NO: C-93-122-09

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROJECT LOCATED IN THE CITY OF SYCAMORE

PLANK ROAD
ADT: 7,800 (2009) 12,000 (2030)
DESIGN SPEED LIMIT: 55 MPH
POSTED SPEED LIMIT: 50 MPH
DESIGN DESIGNATION: ARTERIAL

LINDGREN ROAD
ADT: 800 (2009) 2,800 (2030)
DESIGN SPEED LIMIT: 45 MPH
POSTED SPEED LIMIT: 40 MPH
DESIGN DESIGNATION: LOCAL



PROJECT LOCATION

PROJECT LIMITS:

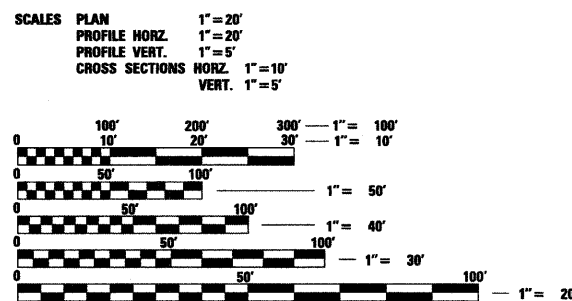
PROP. LINDGREN ROAD
STA. 35 + 66.76 TO
STA. 41 + 69.59

PLANK ROAD
STA. 294 + 20.86 TO
STA. 302 + 01.07

NATIONAL STREET
STA. 1 + 80.00 TO
STA. 5 + 00.00

EXISTING LINDGREN ROAD
STA. 24 + 13.29 TO
STA. 32 + 00.00

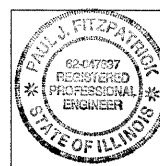
NORTH GROVE ROAD
STA. 33 + 90.08 TO
STA. 35 + 46.00



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

SYCAMORE TOWNSHIP
PROJECT NET AND GROSS LENGTH = 2461 LIN FT (0.47 MILE)
PROJECT LOCATED IN:
PART OF SECTIONS 21 AND 22 OF TOWNSHIP 41 NORTH, RANGE 5 EAST
OF THE THIRD PRINCIPAL MERIDIAN, DE KALB COUNTY, ILLINOIS



October 23 20 09
Paul J. Fitzpatrick
PAUL J. FITZPATRICK
ILLINOIS REG. PROFESSIONAL ENGINEER NO. 062-047637
EXPIRATION DATE 11-30-2009



FIELD ENGINEER, STATE ASSIGNED

10/20/2009 P:\CBREL WEST Projects\2009\09-0040 Lindgren Rd\Chal\Eng\Sta\COVER.dwg

STATE OF ILLINOIS	
PASSED	11/6/09 <i>[Signature]</i> DISTRICT 3 ENGINEER OF LOCAL ROADS & STREETS
RELEASING FOR BID BASED ON LIMITED REVIEW	11/6/09 <i>[Signature]</i> DEPUTY DIRECTOR OF HIGHWAYS, REGION 2 ENGINEER
APPROVED	OCTOBER 21, 2009 <i>[Signature]</i> CITY OF SYCAMORE, CITY ENGINEER
APPROVED	<i>[Signature]</i> 10/21/09 DEKALB COUNTY HIGHWAY DEPARTMENT, COUNTY ENGINEER

PROJECT ENGINEER: PAUL J. FITZPATRICK
PROJECT MANAGER: BRENT POTTORFF

CONTRACT NO. 87406

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STATE STANDARDS DRAWINGS

STANDARD NO.	STANDARD DRAWING TITLE
000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-04	TEMPORARY EROSION CONTROL SYSTEMS
482001-02	SHOULDER: ADJACENT TO FLEXIBLE PAVEMENT, HMA
542101-02	REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS 15" THRU 36" DIA. AT RIGHT ANGLES WITH ROADWAY
542301-02	END SECTION, FLARED, PRECAST REINFORCED CONCRETE, ROUND
601001-03	DRAINS, SUB-SURFACE
602401-02	MANHOLE TYPE A
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604001-03	FRAME AND LIDS TYPE 1
701001-02	OFF-ROAD OPERATIONS, 2L, 2W MORE THAN 4.5 M (15') AWAY
701006-03	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-02	OFF-ROAD OPERATIONS, MOVING, 2L, 2W, DAY ONLY
701301-03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-02	LANE CLOSURE, 2L 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS GREATER OR EQUAL TO 45 MPH
701311-03	LANE CLOSURE, MOVING OPERATIONS - DAY ONLY
701326-03	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS GREATER OR EQUAL TO 45 MPH
701901-01	TRAFFIC CONTROL DEVICES
701801-04	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-02	TYPICAL PAVEMENT MARKINGS
BLR 17-4	TRAFFIC CONTROL DEVICES: DAY LABOR CONSTRUCTION
BLR 21-8	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
DISTRICT THREE (3)	
205-1	SOIL CLASSIFICATION CHART
205-2 & 205-3	GRAPHS FOR LIME MODIFIED SOILS
251-1 THRU 251-6	EROSION CONTROL BLANKET
280-1	EROSION CONTROL DETAILS FOR SILT FENCE
281-1	RIPRAPPED CULVERT ENERGY BASIN
406-8	HMA DETAIL AT BUTT JOINTS
406-9 THRU 406-11	BUTT JOINT DETAILS
442-1	PAVEMENT PATCH FOR HMA SURFACED PAVEMENT
701-2 & 701-3	TRAFFIC CONTROL DETAILS FOR TEMP CONC BARR
701-4 & 701-5	TRAFFIC CONTROL SIGNS
780-1 THRU 780-13	PAVEMENT MARKING DETAILS

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12	ALIGNMENT, TIES AND BENCHMARKS
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14	REMOVAL PLANS - PLANK ROAD
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48-51	CROSS SECTIONS - PLANK ROAD
52-54	CROSS SECTIONS - NATIONAL STREET

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WBK WILLS BURKE KELSEY ASSOCIATES LTD.
 118 West Main Street, Suite 201
 St. Charles, Illinois 60174
 (630) 443-7755

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

INDEX & STANDARDS

SCALE: NONE SHEET NO. 2 OF 54 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	2
CONTRACT NO. 87406				
FED. ROAD DIST. NO. 3 [ILLINOIS] FED. AID PROJECT				

SUMMARY OF QUANTITIES				ARRA		
SPECIALTY ITEM	SPECIAL PROVISION	CODE NO.	PAY ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 1000
	*	20200100	EARTH EXCAVATION	CU YD	3,889	3,889
	*	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	2,318	2,318
	*	20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	440	440
	*	20800150	TRENCH BACKFILL	CU YD	114	114
		21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	150	150
		21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	698	698
	*	21300010	EXPLORATION TRENCH, SPECIAL	FOOT	100	100
	*	21400100	GRADING AND SHAPING DITCHES	FOOT	2,244	2,244
		25000210	SEEDING, CLASS 2A	ACRE	1.9	1.9
		25000400	NITROGEN FERTILIZER NUTRIENT	POUND	171	171
		25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	171	171
		25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	171	171
		25100630	EROSION CONTROL BLANKET	SQ YD	10,222	10,222
	*	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	400	400
		28000300	TEMPORARY DITCH CHECKS	FOOT	630	630
		28000400	PERIMETER EROSION BARRIER	FOOT	1,550	1,550
	*	28000500	INLET AND PIPE PROTECTION	EACH	6	6
		28100105	STONE RIPRAP, CLASS A3	SQ YD	100	100
		30200650	PROCESSING MODIFIED SOIL 12"	SQ YD	4,413	4,413
		30201600	FLY ASH	TON	110	110
	*	40600100	BITUMINOUS MATERIALS (PRIME COAT)	GAL	3,700	3,700
		40600300	AGGREGATE (PRIME COAT)	TON	10	10
	*	40600995	TEMPORARY RAMP, SPECIAL	SQ YD	100	100
		40603080	HOT-MIX ASPHALT BINDER COURSE, 1L-19.0, N50	TON	1,340	1,340
		40603305	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30	TON	200	200
		40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	380	380
	*	44000100	PAVEMENT REMOVAL	SQ YD	720	720
		44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	16	16
	*	44004500	PAVEMENT REMOVAL (SURFACE COURSE)	SQ YD	842	842
	*	48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	390	390
		48203100	HOT-MIX ASPHALT SHOULDERS	TON	280	280
	*	50105220	PIPE CULVERT REMOVAL	FOOT	30	30
	*	54213453	END SECTIONS 18"	EACH	6	6
		54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	3	3
		54215418	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 18"	EACH	1	1
	*	54247110	GRATING FOR CONCRETE FLARED END SECTION 18"	EACH	3	3
		542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	165	165
	*	542C0223	PIPE CULVERTS, CLASS C, TYPE 1 18"	FOOT	510	510
	*	60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	123	123
		60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2
	*	60603300	GUTTER OUTLET	EACH	2	2
		67100100	MOBILIZATION	L SUM	1	1
	*	70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1
	*	70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1
	*	70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1	1
		70300100	SHORT-TERM PAVEMENT MARKING	FOOT	603	603

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
1 OF 2**

SCALE: NONE SHEET NO. 4 OF 54 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	4
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT			CONTRACT NO. 87406	

SUMMARY OF QUANTITIES				ARRA		
SPECIALTY ITEM	SPECIAL PROVISION	CODE NO.	PAY ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 1000
		70300500	PAVEMENT MARKING TAPE, TYPE III	FOOT	653	653
		70300610	TEMPORARY PAINT PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	73	73
		70300625	TEMPORARY PAINT PAVEMENT MARKING, LINE 4"	FOOT	6,696	6,696
		70300635	TEMPORARY PAINT PAVEMENT MARKING, LINE 6"	FOOT	934	934
		70300645	TEMPORARY PAINT PAVEMENT MARKING, LINE 12"	FOOT	84	84
		70300660	TEMPORARY PAINT PAVEMENT MARKING, LINE 24"	FOOT	68	68
	*	70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	236	236
		72000100	SIGN PANEL - TYPE 1	SQ FT	156	156
	*	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	2	2
		72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	383	383
		73000100	WOOD SIGN SUPPORT	FOOT	30	30
S		78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	109	109
S		78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	6,584	6,584
S		78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	470	470
S		78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	769	769
S		78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	227	227
S		78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	37	37
S		78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	36	36
S		78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	2,557	2,557
S		78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	128	128
S		78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	49	49
	*	X4023000	TEMPORARY ACCESS (ROAD)	EACH	1	1
S	*	XX005938	SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	2	2
	*	XX006846	AGGREGATE FIELD ENTRANCE	SQ YD	169	169
	*	Z0001050	AGGREGATE SUBGRADE 12"	SQ YD	6,290	6,290
	*	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
	*	Z0019600	DUST CONTROL WATERING	UNIT	24	24

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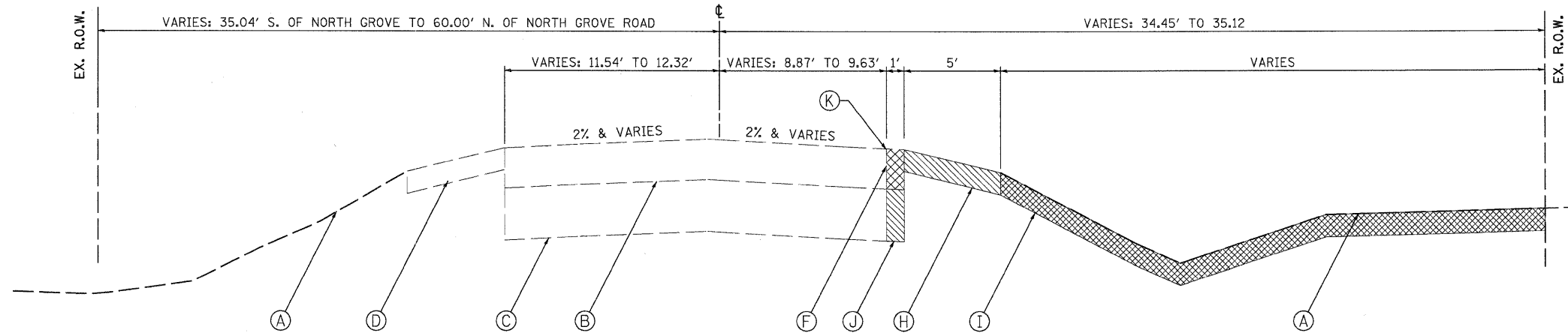


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES		
2 OF 2		
SCALE: NONE	SHEET NO. 5 OF 54 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	5
CONTRACT NO. 87406				
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT				



**EXISTING PLANK ROAD
STA. 294+20.86 TO 302+01.07**

LEGEND, EXISTING

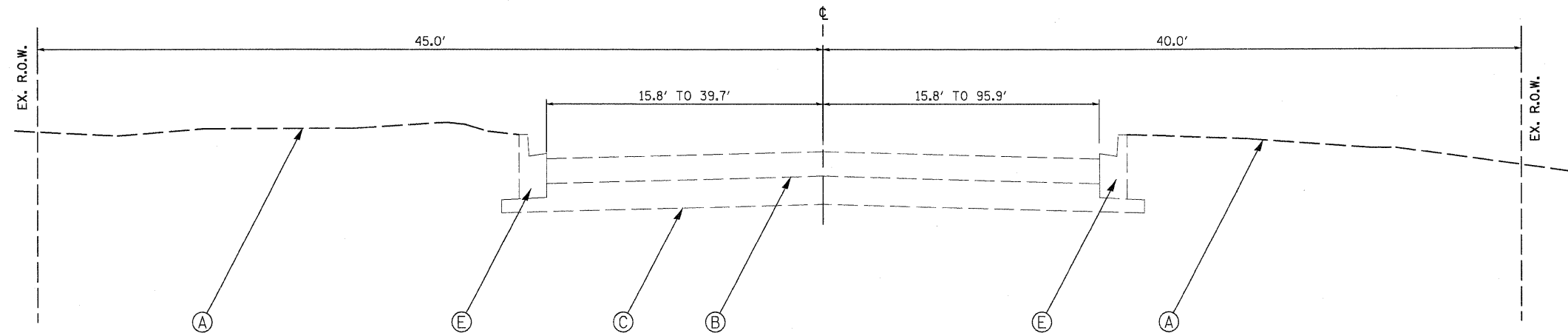
- (A) EXISTING GROUND LINE
- (B) EXISTING HOT-MIX ASPHALT - SEE TABLE FOR THICKNESS
- (C) EXISTING AGGREGATE BASE COURSE - SEE TABLE FOR THICKNESS
- (D) EXISTING AGGREGATE SHOULDER
- (E) EXISTING TYPE B6.12 CURB AND GUTTER
- (F) FULL DEPTH HMA PAVEMENT STRUCTURE - TO BE REMOVED (44000100)
- (G) PAVEMENT REMOVAL (SURFACE COURSE), 1 1/2" (44004500)
- (H) AGGREGATE SHOULDER - TO BE REMOVED (INCLUDED IN EARTH EXCAVATION - 20200100)
- (I) TOPSOIL STRIPPING (REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL - 20201200)
- (J) EARTH EXCAVATION - (20200100)
- (K) SAW CUTTING (FULL DEPTH) - INCIDENTAL TO APPLICABLE REMOVAL ITEMS

APPROXIMATE EXISTING TOPSOIL DEPTHS

ROADWAY	STATION LIMITS	TOPSOIL
LINDGREN	36+00 TO 37+75	22"
LINDGREN	37+75 TO 40+25	4"
LINDGREN	40+25 TO 42+00	24"
NATIONAL	1+00 TO 4+25	4"
NATIONAL	4+25 TO 4+50	24"
PLANK	294+00 TO 299+75	4"
PLANK	299+75 TO 301+25	22"
PLANK	301+25 TO 302+00	6"

APPROXIMATE EXISTING PAVEMENT DEPTH

ROADWAY	STATION LIMITS	HOT-MIX ASPHALT	AGGREGATE
LINDGREN	25+00 TO 32+00	1.4"	10"
PLANK	294+00 TO 300+00	8.9"	14"
PLANK	300+00 TO 304+00	11"	12"
NORTH GROVE	34+00 TO 35+50	9.8"	8"
NATIONAL	1+00 TO 4+50	6"	12"



**EXISTING NATIONAL STREET
STA. 1+80.00 TO STA. 2+40.00**

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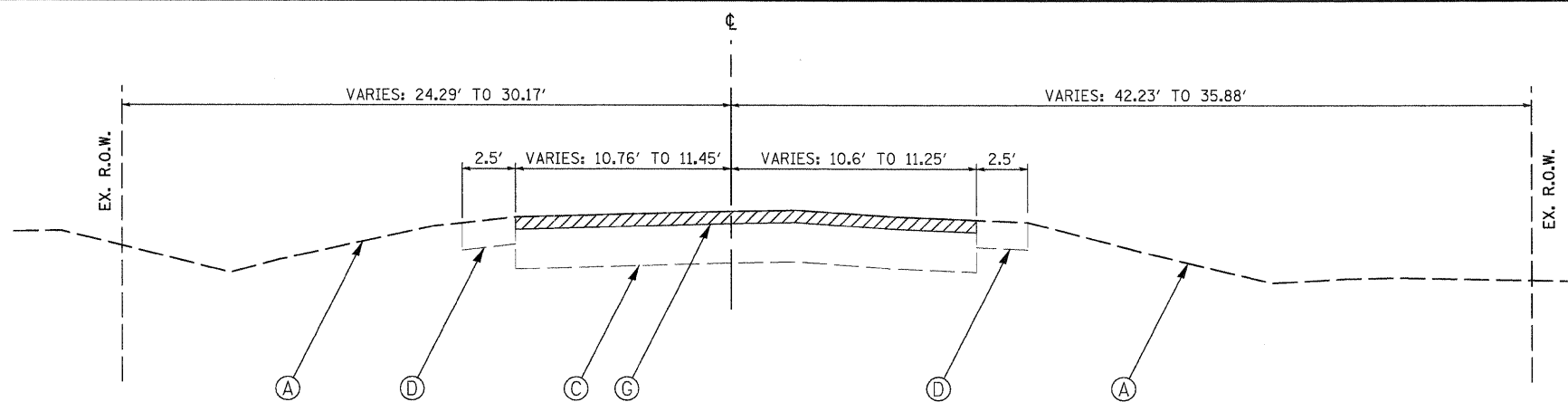
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

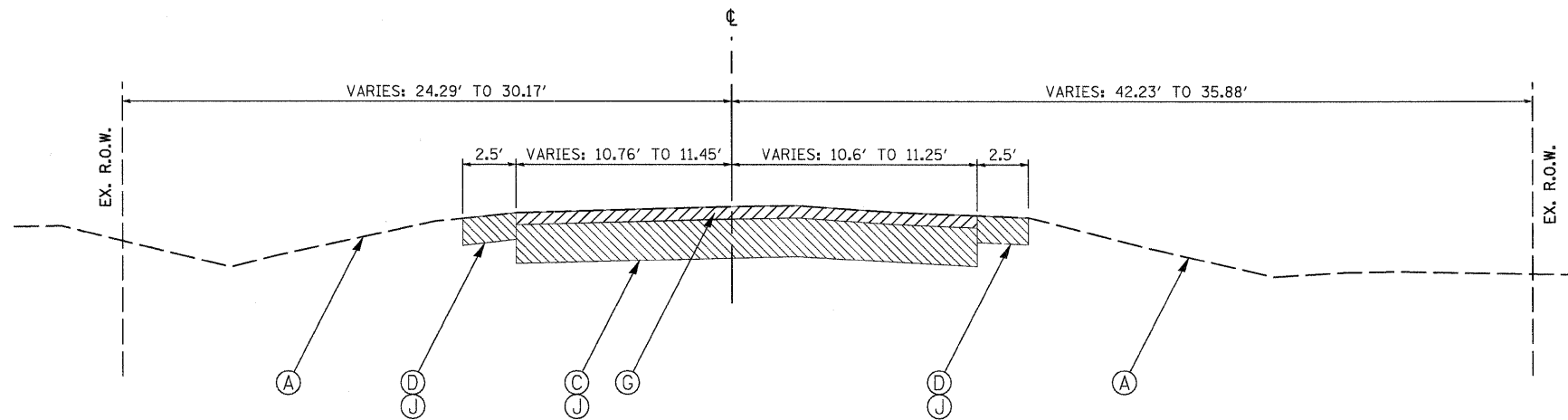
**EXISTING
TYPICAL SECTIONS**

SCALE: N.T.S. SHEET NO. 6 OF 54 SHEETS STA. TO STA.

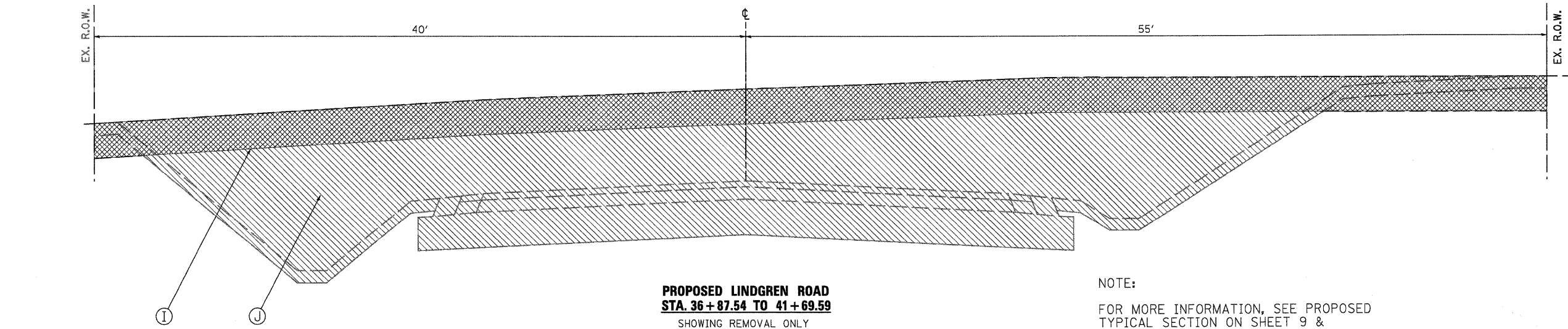
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	6
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT			CONTRACT NO. 87406	



**EXISTING LINDGREN ROAD
STA. 24 + 23.68 TO STA. 30 + 86.75**



**EXISTING LINDGREN ROAD
STA. 30 + 86.75 TO STA. 32 + 00.00**



**PROPOSED LINDGREN ROAD
STA. 36 + 87.54 TO 41 + 69.59
SHOWING REMOVAL ONLY**

LEGEND, EXISTING

- (A) EXISTING GROUND LINE
- (B) EXISTING HOT-MIX ASPHALT - SEE TABLE FOR THICKNESS
- (C) EXISTING AGGREGATE BASE COURSE - SEE TABLE FOR THICKNESS
- (D) EXISTING AGGREGATE SHOULDER
- (E) EXISTING TYPE B6.12 CURB AND GUTTER
- (F) FULL DEPTH HMA PAVEMENT STRUCTURE - TO BE REMOVED (44000100)
- (G) PAVEMENT REMOVAL (SURFACE COURSE), 1 1/2" (44004500)
- (H) AGGREGATE SHOULDER - TO BE REMOVED (INCLUDED IN EARTH EXCAVATION - 20200100)
- (I) TOPSOIL STRIPPING (REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL - 20201200)
- (J) EARTH EXCAVATION - (20200100)
- (K) SAW CUTTING (FULL DEPTH) - INCIDENTAL TO APPLICABLE REMOVAL ITEMS

APPROXIMATE EXISTING TOPSOIL DEPTHS

ROADWAY	STATION LIMITS	TOPSOIL
LINDGREN	36+00 TO 37+75	22"
LINDGREN	37+75 TO 40+25	4"
LINDGREN	40+25 TO 42+00	24"
NATIONAL	1+00 TO 4+25	4"
NATIONAL	4+25 TO 4+50	24"
PLANK	294+00 TO 299+75	4"
PLANK	299+75 TO 301+25	22"
PLANK	301+25 TO 302+00	6"

APPROXIMATE EXISTING PAVEMENT DEPTHS

ROADWAY	STATION LIMITS	HOT-MIX ASPHALT	AGGREGATE BASE
LINDGREN	25+00 TO 32+00	1.4"	10"
PLANK	294+00 TO 300+00	8.9"	14"
PLANK	300+00 TO 304+00	11"	12"
NORTH GROVE	34+00 TO 35+50	9.8"	8"
NATIONAL	1+00 TO 4+50	6"	12"

NOTE:

FOR MORE INFORMATION, SEE PROPOSED TYPICAL SECTION ON SHEET 9 & CROSS SECTION SHEETS 37-47

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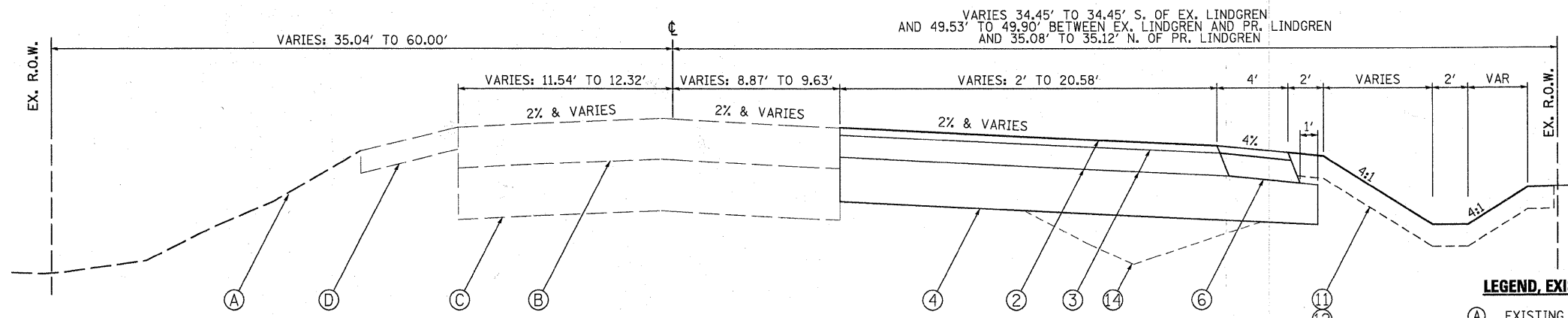
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

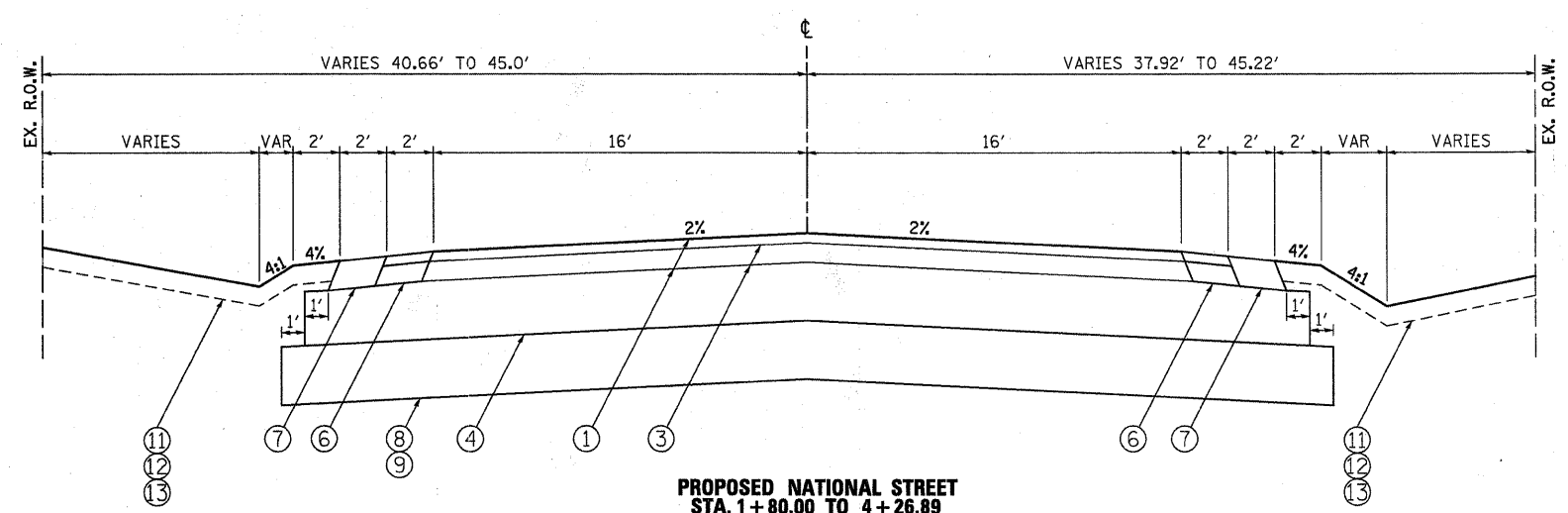
**PROPOSED
TYPICAL SECTIONS**

SCALE: N.T.S. SHEET NO. 7 OF 54 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	7
FED. ROAD DIST. NO. 3 [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 87406	



**PROPOSED PLANK ROAD
STA. 294+20.86 TO 302+01.07**



**PROPOSED NATIONAL STREET
STA. 1+80.00 TO 4+26.89**
SOIL MODIFICATION / LIME
STA. 2+40.00 TO STA. 4+26.89

LEGEND, EXISTING

- (A) EXISTING GROUND LINE
- (B) EXISTING HOT-MIX ASPHALT - SEE TABLE FOR THICKNESS
- (C) EXISTING AGGREGATE BASE COURSE - SEE TABLE FOR THICKNESS
- (D) EXISTING AGGREGATE SHOULDER
- (E) EXISTING TYPE B6.12 CURB AND GUTTER
- (F) FULL DEPTH HMA PAVEMENT STRUCTURE - TO BE REMOVED (44000100)
- (G) PAVEMENT REMOVAL (SURFACE COURSE), 1/2" (44004500)
- (H) AGGREGATE SHOULDER - TO BE REMOVED (INCLUDED IN EARTH EXCAVATION - 20200100)
- (I) TOPSOIL STRIPPING (REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL - 20201200)
- (J) EARTH EXCAVATION - (20200100)
- (K) SAW CUTTING (FULL DEPTH) - INCIDENTAL TO APPLICABLE REMOVAL ITEMS

LEGEND, PROPOSED

- (1) HMA FULL PAVEMENT (FULL-DEPTH), 6"
HMA SURFACE COURSE, MIX "D", N50, 2" (40603335)
HMA BINDER COURSE, IL-19.0, N50, 4" (IN 2 LIFTS - 40603080)
- (2) HMA FULL PAVEMENT (FULL-DEPTH), 8"
HMA SURFACE COURSE, MIX "C", N30, 2" (40603305)
HMA BINDER COURSE, IL-19.0, N50, 6" (IN 2 LIFTS- 40603080)
- (3) BITUMINOUS MATERIALS (PRIME COAT) (40600100)
- (4) AGGREGATE SUBGRADE, 12" (20001050)
- (5) HMA SHOULDERS, 6" (48203100)
HMA SURFACE COURSE, MIX "D", N50, 2"
HMA BINDER COURSE, IL-19.0, N50, 4" (IN 2 LIFTS)
- (6) HMA SHOULDERS, 8" (48203100)
HMA SURFACE COURSE, MIX "C", N30, 2"
HMA BINDER COURSE, IL-19.0, N50, 6" (IN 2 LIFTS)
- (7) AGGREGATE SHOULDERS, TYPE B 6" (48101500)
- (8) PROCESSING MODIFIED SOIL 12" (30200650)
- (9) FLY ASH (30201600)
- (10) GRADING AND SHAPING DITCHES (21400100)
- (11) TOPSOIL PLACEMENT, 6" (TO BE PAID AS TOPSOIL EXCAVATION AND PLACEMENT - 21101505)
- (12) SEEDING, CLASS 2A W/EROSION CONTROL BLANKET (25000210/25100630)
- (13) FERTILIZER NUTRIENTS (25000400-25000600)
- (14) STRUCTURAL EMBANKMENT (PER SECTION 205 OF THE STANDARD SPECIFICATION)

HOT-MIX ASPHALT MIXTURE REQUIREMENTS			DENSITY TEST METHOD	
ITEM	AC TYPE	VOIDS		
PLANK ROAD - WIDENING				
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30 (IL 9.5 mm), 2"	PG 58-22	3% @ 30 GYR.	CORES CORRELATION	
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 6"	PG 58-22	4% @ 50 GYR.		
LINDGREN/NATIONAL ROAD - FULL DEPTH PAVEMENT				
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm), 2"	PG 58-22	4% @ 50 GYR.		
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4"	PG 58-22	4% @ 50 GYR.		
SHOULDERS				
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30 (IL 9.5 mm), 2" (PLANK)	PG 58-22	3% @ 30 GYR.		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm), 2" (LINDGREN)	PG 58-22	4% @ 50 GYR.		
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 6" (PLANK)	PG 58-22	4% @ 50 GYR.		
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4" (LINDGREN)	PG 58-22	4% @ 50 GYR.		

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LB/SQ YD/IN.
* WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.

**PLANK ROAD
STRUCTURAL PAVEMENT DESIGN**
STRUCTURAL DESIGN TRAFFIC: Year 2030
PV = 9850 SU = 150 MU = 75
ROAD/STREET CLASSIFICATION: Class II
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
P = 100 S = 100 M = 100
TRAFFIC FACTOR: Actual TF = 0.48
Minimum TF = 0.48
PG GRADE: Binder = PG 58-22 Surface = PG 64-22
SUBGRADE SUPPORT RATING: SSR = POOR

**LINDGREN ROAD
STRUCTURAL PAVEMENT DESIGN**
STRUCTURAL DESIGN TRAFFIC: Year 2030
PV = 1920 SU = 60 MU = 20
ROAD/STREET CLASSIFICATION: Class II
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
P = 100 S = 100 M = 100
TRAFFIC FACTOR: Actual TF = 0.12
Minimum TF = 0.12
PG GRADE: Binder = PG 58-22 Surface = PG 64-22
SUBGRADE SUPPORT RATING: SSR = POOR

FILE NAME = P:\CBBEL WEST Projects\2009\09-0048 Lindgren Rd\Civil\Drawings\TYPICAL_03.dgn

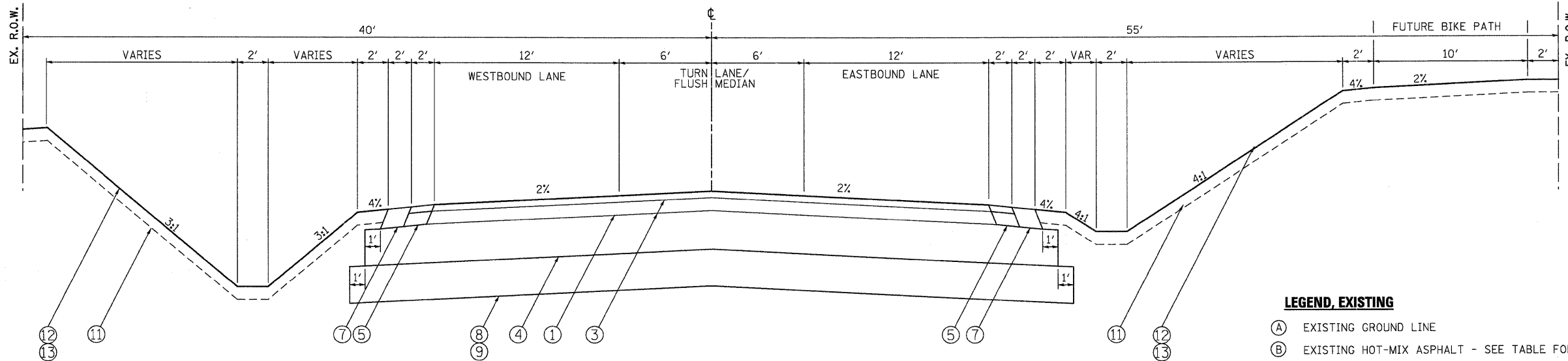


USER NAME = *USER*	DESIGNED - KMA	REVISED -
PLOT SCALE = N.T.S.	DRAWN - NDP	REVISED -
PLOT DATE = 10/28/2009	CHECKED - SBP	REVISED -
	DATE - 10/1/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED
TYPICAL SECTIONS**

SCALE: N.T.S.	SHEET NO. 8 OF 54 SHEETS	STA. TO STA.	F.A.U. RTE. 5369	SECTION 09-00068-00-PP	COUNTY DEKALB	TOTAL SHEETS 54	SHEET NO. 8
			FED. ROAD DIST. NO. 3 [ILLINOIS] FED. AID PROJECT				
			CONTRACT NO. 87406				



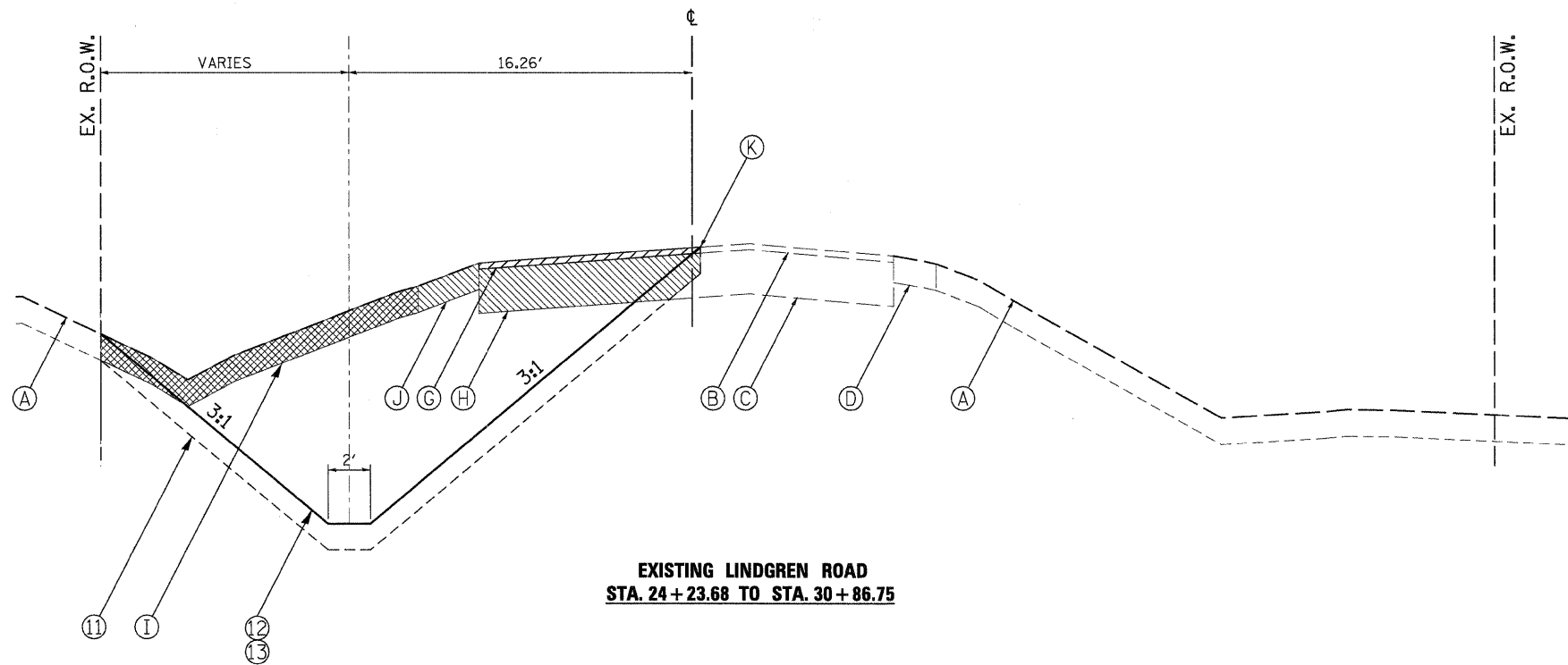
**PROPOSED LINDGREN ROAD
STA. 36 + 87.54 TO 41 + 69.59**

LEGEND, EXISTING

- (A) EXISTING GROUND LINE
- (B) EXISTING HOT-MIX ASPHALT - SEE TABLE FOR THICKNESS
- (C) EXISTING AGGREGATE BASE COURSE - SEE TABLE FOR THICKNESS
- (D) EXISTING AGGREGATE SHOULDER
- (E) EXISTING TYPE B6.12 CURB AND GUTTER
- (F) FULL DEPTH HMA PAVEMENT STRUCTURE - TO BE REMOVED (44000100)
- (G) PAVEMENT REMOVAL (SURFACE COURSE), 1 1/2" (44004500)
- (H) AGGREGATE SHOULDER - TO BE REMOVED (INCLUDED IN EARTH EXCAVATION - 20200100)
- (I) TOPSOIL STRIPPING (REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL - 20201200)
- (J) EARTH EXCAVATION - (20200100)
- (K) SAW CUTTING (FULL DEPTH) - INCIDENTAL TO APPLICABLE REMOVAL ITEMS

LEGEND, PROPOSED

- (1) HMA FULL PAVEMENT (FULL-DEPTH), 6"
HMA SURFACE COURSE, MIX "D", N50, 2" (40603335)
HMA BINDER COURSE, IL-19.0, N50, 4" (IN 2 LIFTS - 40603080)
- (2) HMA FULL PAVEMENT (FULL-DEPTH), 8"
HMA SURFACE COURSE, MIX "C", N30, 2" (40603305)
HMA BINDER COURSE, IL-19.0, N50, 6" (IN 2 LIFTS- 40603080)
- (3) BITUMINOUS MATERIALS (PRIME COAT) (40600100)
- (4) AGGREGATE SUBGRADE, 12" (Z0001050)
- (5) HMA SHOULDERS, 6" (48203100)
HMA SURFACE COURSE, MIX "D", N50, 2"
HMA BINDER COURSE, IL-19.0, N50, 4" (IN 2 LIFTS)
- (6) HMA SHOULDERS, 8" (48203100)
HMA SURFACE COURSE, MIX "C", N30, 2"
HMA BINDER COURSE, IL-19.0, N50, 6" (IN 2 LIFTS)
- (7) AGGREGATE SHOULDERS, TYPE B 6" (48101500)
- (8) PROCESSING MODIFIED SOIL 12" (30200650)
- (9) FLY ASH (30201600)
- (10) GRADING AND SHAPING DITCHES (21400100)
- (11) TOPSOIL PLACEMENT, 6" (TO BE PAID AS TOPSOIL EXCAVATION AND PLACEMENT - 21101505)
- (12) SEEDING, CLASS 2A W/EROSION CONTROL BLANKET (25000210/25100630)
- (13) FERTILIZER NUTRIENTS (25000400-25000600)
- (14) STRUCTURAL EMBANKMENT (PER SECTION 205 OF THE STANDARD SPECIFICATION)



**EXISTING LINDGREN ROAD
STA. 24 + 23.68 TO STA. 30 + 86.75**

APPROXIMATE EXISTING PAVEMENT DEPTHS

ROADWAY	STATION LIMITS	HOT-MIX ASPHALT	AGGREGATE BASE
LINDGREN	25+00 TO 32+00	1.4"	10"
PLANK	294+00 TO 300+00	8.9"	14"
PLANK	300+00 TO 304+00	11"	12"
NORTH GROVE	34+00 TO 35+50	9.8"	8"
NATIONAL	1+00 TO 4+50	6"	12"

APPROXIMATE EXISTING TOPSOIL DEPTHS

ROADWAY	STATION LIMITS	TOPSOIL
LINDGREN	36+00 TO 37+75	22"
LINDGREN	37+75 TO 40+25	4"
LINDGREN	40+25 TO 42+00	24"
NATIONAL	1+00 TO 4+25	4"
NATIONAL	4+25 TO 4+50	24"
PLANK	294+00 TO 299+75	4"
PLANK	299+75 TO 301+25	22"
PLANK	301+25 TO 302+00	6"

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WILLS BURKE KELSEY ASSOCIATES LTD.
118 West Main Street, Suite 201
St. Charles, Illinois 60174
(630) 443-7755

USER NAME = #USER#
DESIGNED - KMA
DRAWN - NDP
CHECKED - SBP
PLOT SCALE = N.T.S.
PLOT DATE = 10/26/2009

DESIGNED - KMA
DRAWN - NDP
CHECKED - SBP
DATE - 10/1/09

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED
TYPICAL SECTIONS**
SCALE: N.T.S. SHEET NO. 9 OF 54 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	9

CONTRACT NO. 87406
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT

LANDSCAPING AND EROSION CONTROL

CODE NO.	PAY ITEM DESCRIPTION	UNIT	LINDGREN RD. STA. 35+66.76 TO STA. 41+69.59	PLANK RD. STA. 294+20.86 TO STA. 302+01.07	NATIONAL ST. STA. 1+80 TO STA. 5+00	EX. LINDGREN RD. STA. 24+13.29 TO STA. 32+00
25000210	SEEDING, CLASS 2A	ACRE	0.7	0.4	0.3	0.5
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	64	36	27	44
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	64	36	27	44
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	64	36	27	44
25100630	EROSION CONTROL BLANKET	SQ YD	4092	2040	1530	2560
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	160	80	60	100
28000400	PERIMETER EROSION BARRIER	FOOT	0	370	240	940
28000500	INLET AND PIPE PROTECTION	EACH	4	0	1	1
X2800100	TEMPORARY DITCH CHECKS, ROLLED EXCELSIOR	EACH	12	7	7	9

PAVEMENT

CODE NO.	PAY ITEM DESCRIPTION	UNIT	LINDGREN RD. STA. 35+66.76 TO STA. 41+69.59	PLANK RD. STA. 294+20.86 TO STA. 302+01.07	NATIONAL ST. STA. 1+80 TO STA. 5+00	EX. LINDGREN RD. STA. 24+13.29 TO STA. 32+00
30200650	PROCESSING MODIFIED SOIL 12"	SQ YD	3085	0	1328	0
30201600	FLY ASH	TON	75	0	35	0
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GAL	1400	1300	1000	0
40600300	AGGREGATE (PRIME COAT)	TON	4	3	3	0
40600995	TEMPORARY RAMP, SPECIAL	SQ YD	0	73	16	11
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	427	588	325	0
40603305	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30	TON	0	200	0	0
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	215	0	165	0
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	242	0	148	0
48203100	HOT-MIX ASPHALT SHOULDERS	TON	85	140	55	0
XX006846	AGGREGATE FIELD ENTRANCE	SQ YD	113	0	0	56
Z0001050	AGGREGATE SUBGRADE 12"	SQ YD	2370	2155	1765	0

PAVEMENT MARKINGS AND SIGNAGE

CODE NO.	PAY ITEM DESCRIPTION	UNIT	LINDGREN RD. STA. 35+66.76 TO STA. 41+69.59	PLANK RD. STA. 294+20.86 TO STA. 302+01.07	NATIONAL ST. STA. 1+80 TO STA. 5+00	EX. LINDGREN RD. STA. 24+13.29 TO STA. 32+00
70300610	TEMPORARY PAINT PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	0	73	0	0
70300625	TEMPORARY PAINT PAVEMENT MARKING, LINE 4"	FOOT	0	588	2138	3970
70300635	TEMPORARY PAINT PAVEMENT MARKING, LINE 6"	FOOT	0	934	0	0
70300645	TEMPORARY PAINT PAVEMENT MARKING, LINE 12"	FOOT	0	84	0	0
70300660	TEMPORARY PAINT PAVEMENT MARKING, LINE 24"	FOOT	24	32	0	12
72000100	SIGN PANEL - TYPE 1	SQ FT	62	27	34	33
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	195	0	60	128
73000100	WOOD SIGN SUPPORT	FOOT	0	30	0	0
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	36	73	0	0
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	2789	2905	761	129
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	413	57	0	0
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	0	769	0	0
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	146	81	0	0
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	37	0	0	0
78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	36	0	0	0
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	389	0	0	2168
78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	128	0	0	0
78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	28	0	0	21
XX005938	SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	0	0	0	2

NOTE: NORTH GROVE ROAD QUANTITIES HAVE BEEN INCLUDED IN LINDGREN ROAD STA. 36+68.76 TO STA. 41+69.59.

DRAINAGE ITEMS

CODE NO.	PAY ITEM DESCRIPTION	UNIT	LINDGREN RD. STA. 35+66.76 TO STA. 41+69.59	PLANK RD. STA. 294+20.86 TO STA. 302+01.07	NATIONAL ST. STA. 1+80 TO STA. 5+00	EX. LINDGREN RD. STA. 24+13.29 TO STA. 32+00
20800150	TRENCH BACKFILL	CU YD	80	0	20	14
21400100	GRADING AND SHAPING DITCHES	FOOT	1175	0	0	1069
28100105	STONE RIPRAP, CLASS A3	SQ YD	58	0	29	13
54213453	END SECTIONS 18"	EACH	2	0	2	2
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	3	0	0	0
54215418	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 18"	EACH	1	0	0	0
54247110	GRATING FOR CONCRETE FLARED END SECTION 18"	EACH	3	0	0	0
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	165	0	0	0
542C0223	PIPE CULVERTS, CLASS C, TYPE 1 18"	FOOT	378	0	96	36
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	123	0	0	0
60218400	MANHOLES, TY A, 4'-DIA, TYPE 1 FRAME, CLOSED LID	EACH	2	0	0	0
60603300	GUTTER OUTLET	EACH	0	0	2	0

REMOVAL ITEMS

CODE NO.	PAY ITEM DESCRIPTION	UNIT	LINDGREN RD. STA. 35+66.76 TO STA. 41+69.59	PLANK RD. STA. 294+20.86 TO STA. 302+01.07	NATIONAL ST. STA. 1+80 TO STA. 5+00	EX. LINDGREN RD. STA. 24+13.29 TO STA. 32+00
44000100	PAVEMENT REMOVAL	SQ YD	0	89	0	631
44004500	PAVEMENT REMOVAL (SURFACE COURSE)	SQ YD	0	0	0	842
50105220	PIPE CULVERT REMOVAL	FOOT	0	0	0	30
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	0	0	0	2

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USER NAME = #USER#
PLOT SCALE = NONE
PLOT DATE = 10/28/2009

DESIGNED - KMA
DRAWN - NDP
CHECKED - SBP
DATE - 10/1/09

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET NO. 10 OF 54 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	10
FED. ROAD DIST. NO. 3 [ILLINOIS] FED. AID PROJECT				

CONTRACT NO. 87406

SUMMARY OF EARTHWORK- LINDGREN ROAD							
STATION	TOPSOIL			EARTH			
	EXCAVATION	PLACEMENT	BALANCE WASTE (+) OR SHORTAGE (-)	EXCAVATION	PLACEMENT	BALANCE WASTE (+) OR SHORTAGE (-)	ESTIMATED UNSUITABLE (UNDERCUT)
	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
	A	B	C = A - B	D	E	F = D(1-S.F.)-E	G
36+00							
36+50	241.9	15.7	226.20	6.57	89.54	-84.61	250.00
37+00	291.7	36.7	255.00	124.81	26.76	+66.85	
37+50	308.6	43.7	264.91	366.48	7.59	+267.27	(NOM. QTY.)
38+00	186.5	44.8	141.67	627.13	3.70	+466.65	
38+50	56.6	43.6	12.96	640.28	0.00	+480.21	
39+00	55.9	28.1	27.87	384.54	0.00	+288.41	
39+50	55.3	26.3	28.98	237.50	0.00	+178.13	
40+00	55.0	40.4	14.63	190.19	0.37	+142.27	
40+50	196.9	39.9	156.94	87.78	105.09	-39.26	
41+00	297.6	27.1	270.46	12.13	215.74	-206.64	
41+11.46	58.5	3.5	55.01	0.04	51.55	-51.52	
41+33.00	54.8	3.3	51.50	0.00	49.06	-49.06	
SUB-TOTAL	1,859	353	1,506	2,677	549	1,459	250

SUMMARY OF EARTHWORK- NATIONAL STREET							
STATION	TOPSOIL			EARTH			
	EXCAVATION	PLACEMENT	BALANCE WASTE (+) OR SHORTAGE (-)	EXCAVATION	PLACEMENT	BALANCE WASTE (+) OR SHORTAGE (-)	ESTIMATED UNSUITABLE (UNDERCUT)
	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
	A	B	C = A - B	D	E	F = D(1-S.F.)-E	G
1+80.00							
2+00.00	2.4	2.3	0.1	25.81	0.00	+19.36	80.00
2+50.00	28.8	11.7	17.1	69.26	9.63	+42.32	
3+00.00	56.1	20.2	35.9	54.63	9.72	+31.25	(NOM. QTY.)
3+50.00	67.1	29.0	38.2	132.50	0.09	+99.29	
4+00.00	68.5	30.7	37.9	184.72	0.00	+138.54	
4+50.00	54.0	15.9	38.1	127.96	0.00	+95.97	
4+80.00	48.3	0.0	48.3	16.72	9.89	+2.65	
SUB-TOTAL	325	110	216	612	29	429	80

SUMMARY OF EARTHWORK- PLANK ROAD							
STATION	TOPSOIL			EARTH			
	EXCAVATION	PLACEMENT	BALANCE WASTE (+) OR SHORTAGE (-)	EXCAVATION	PLACEMENT	BALANCE WASTE (+) OR SHORTAGE (-)	ESTIMATED UNSUITABLE (UNDERCUT)
	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
	A	B	C = A - B	D	E	F = D(1-S.F.)-E	G
294+21							
294+50	5.4	5.4	0.05	9.40	2.69	+4.36	110.00
295+00	6.7	11.3	-4.63	52.96	12.31	+27.41	
295+50	11.3	18.9	-7.59	95.00	12.87	+58.38	(NOM. QTY.)
296+00	21.0	23.1	-2.04	81.57	5.28	+55.90	
296+50	24.3	22.5	1.76	56.11	6.76	+35.32	
297+00	24.3	20.1	4.17	42.69	13.61	+18.41	
297+50	24.3	17.6	6.67	26.85	23.98	-3.84	
298+00	24.3	15.3	8.98	18.61	29.07	-15.11	
298+50	24.3	14.4	9.91	18.98	25.19	-10.96	
299+00	24.3	14.4	9.82	25.74	17.04	+2.27	
299+50	24.3	14.4	9.82	31.02	11.76	+11.51	
300+00	72.4	19.4	53.06	17.13	46.11	-33.26	
300+50	60.3	12.1	48.15	17.13	44.07	-31.22	
301+00	0.0	0.0	0.00	34.63	5.65	+20.32	
301+50	16.7	8.8	7.87	41.76	8.98	+22.34	
302+00	27.3	17.3	10.00	30.19	10.19	+12.45	
SUB-TOTAL	391	235	156	600	276	174	110

TOTAL EARTHWORK					
LOCATION	20200100	20201200	20400800	21101505	20700420
	EARTH EXCAVATION (CU YD)	REM. & DISP. OF UNSUIT. MATERIAL (CU YD)	FURNISHED EXCAVATION (CU YD)	TOPSOIL FURN. & PLACEMENT (CY YD)	POROUS GRANULAR EMBANKMENT (CU YD)
	TOTAL D	TOTAL (C + G)	NONE	TOTAL B	TOTAL G
LINDGREN RD	2,677	1,756	0	353	250
NATIONAL ST	612	296	0	110	80
PLANK RD	600	266	0	235	110
TOTAL	3,889	2,318	0	698	440

EARTHWORK GENERAL NOTES

ALL EARTHWORK QUANTITIES ARE CALCULATED BY THE METHOD OF AVERAGE END AREAS USING THE PLAN CROSS SECTIONS. SHRINKAGE FACTOR, ASSUMED TO BE 25% FOR THIS PROJECT, ARE ESTIMATED FOR THE SOLE PURPOSE OF DETERMINING A BALANCE OF EARTHWORK. THE CONTRACTOR SHALL ESTIMATE HIS OWN SHRINKAGE FACTORS IN DETERMINING HIS EARTHWORK. NO PAYMENT WILL BE MADE ON EARTHWORK QUANTITIES DUE TO VARIATION IN THE SHRINKAGE FACTOR SINCE EARTHWORK IS MEASURED IN ITS FINAL POSITION.

IN ADDITION TO NUCLEAR DENSITY TESTING OF EMBANKMENTS AND SUBGRADES, THE FINAL SHALL BE PROOF ROLLED USING A FULLY LOADED SEMI TRUCK. THE PROOF-ROLL SHOULD DEMONSTRATE A MAXIMUM ONE-QUARTER (1/4) INCH DEFLECTION AT TOP OF SUBGRADE LEVEL. THE NUMBER OF PROOF ROLLS AS REQUIRED BY THE ENGINEER SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

TEMPORARY EARTH STOCKPILES WILL NOT BE ALLOWED ON THE ADJACENT PROPERTIES WITHOUT THE PERMISSION OF THE OWNER AND APPROVAL OF THE CITY. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO ACQUIRE PERMISSION FROM THE APPROPRIATE OWNER PRIOR TO STOCK PILING ANY MATERIALS ON THOSE PROPERTIES. IF THIS SPACE IS NOT AVAILABLE, THE CONTRACTOR SHALL MAKE OTHER PROVISIONS FOR HANDLING THESE MATERIALS DURING CONSTRUCTION OPERATIONS.

EARTH EXCAVATION AND EMBANKMENT SHALL BE PAID FOR ONLY ONCE, REGARDLESS OF STAGING OR SEQUENCING OF CONTRACTORS OPERATIONS THAT REQUIRE STOCKPILING OF MATERIALS FOR LATER USE, REDISTRIBUTION AND RESREADING IN SHOULDERS AND CONSTRUCTING OF EMBANKMENTS.

THE EMBANKMENT SHALL BE CONSTRUCTED ACCORDING TO SECTION 205 OF THE STANDARD SPECIFICATIONS EXCEPT THAT THE EMBANKMENT MATERIAL SHALL NOT BE PLACED AND COMPACTED AT MOISTURE CONTENTS IN EXCESS OF 110% OF THE MINIMUM MOISTURE UNLESS AUTHORIZED IN WRITING BY THE ENGINEER.

SUMMARY OF DITCH GRADING AND SHAPING		
STATION	TOPSOIL EXCAVATION AND PLACEMENT (CU YD)	EARTH EXCAVATION (CU YD)
OLD LINDGREN ROAD (LT)	A	B
24+50		
25+00	14.6	49.44
25+50	17.2	44.44
26+00	20.3	42.04
26+50	21.5	46.39
27+00	23.1	56.11
27+50	24.4	70.19
28+00	25.7	81.30
28+50	26.9	92.50
29+00	28.2	104.44
29+50	29.4	113.43
30+00	30.2	117.41
30+50	29.9	115.74
30+60	2.9	11.33
31+60		
32+00	9.3	22.30
32+50	22.6	51.76
33+00	22.0	46.48
33+50	21.3	61.48
34+00	19.9	55.65
34+50	16.2	24.07
35+00	11.3	11.76
35+50	8.1	6.85
SUB-TOTAL	425	1,225

SUMMARY OF DITCH GRADING AND SHAPING		
STATION	TOPSOIL EXCAVATION AND PLACEMENT (CU YD)	EARTH EXCAVATION (CU YD)
LINDGREN RD (LT / RT)	A	B
41+66		
42+00	15.9	33.50
42+50	23.4	50.28
43+00	23.6	52.13
43+50	23.2	51.39
44+00	20.0	39.07
44+50	16.0	24.26
45+00	13.7	16.94
45+50	12.1	12.31
46+00	10.0	11.76
46+50	8.1	11.11
47+00	6.2	6.67
47+50	4.6	3.33
48+00	6.0	6.30
48+50	7.7	5.93
SUB-TOTAL	191	325

GRADING AND SHAPING DITCHES GENERAL NOTES

GRADING AND SHAPING SHOULDERS WILL BE PAID FOR (PER LINEAR FOOT. EARTH AND TOPSOIL EXCAVATION VOLUMES SHOWN ON THESE TABLES ARE ESTIMATES AND ARE NOT INCLUDED OR FACTORED INTO THE EARTHWORK QUANTITIES.

FILE NAME = P:\CIBBEL WEST Projects\2009\09-0049 Lindgren Rd\Civil\Drawings\SCHEDULE.EWD.dgn



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PLOT DATE = 10/28/2009	CHECKED - SBP	REVISED -
	DATE - 10/1/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EARTHWORK SCHEDULE

SCALE: NONE	SHEET NO. 11 OF 54 SHEETS	STA.	TO STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	11
FED. ROAD DIST. NO. 3 [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 87406	



BASELINES COORDINATE TABLE			
STATION		NORTHING	EASTING
PLANK RD	295+08.47		
= EX.LINDGREN RD	24+13.29	1,949,072.04	894,494.49
PLANK RD	300+74.23		
= PR.LINDGREN RD	35+57.43	1,949,579.08	894,745.48
PLANK RD	300+74.39		
= NORTH GROVE RD	35+57.43	1,949,579.23	894,745.54
NORTH GROVE RD	POT 32+00.00	1,949,737.79	894,425.21
PR.LINDGREN RD	40+94.93		
= PR.NATIONAL ST	5+00	1,949,340.40	895,227.07
NATIONAL ST	2+29.06		
= EX.LINDGREN RD	31+04.32	1,949,078.28	895,185.49
NATIONAL ST	PT 4+38.49	1,949,217.25	895,184.16
NATIONAL ST	POT 4+03.26	1,949,253.14	895,183.82
NATIONAL ST	PC 3+68.04	1,949,285.29	895,199.76

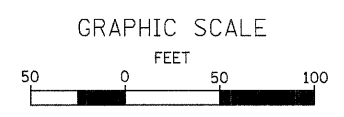
CONTROL POINTS COORDINATE TABLE				
POINT NO.	NORTHING	EASTING	STATION	OFFSET
22	1,949,079.97	895,658.13	35+76.95	3.43' RT.
37	1,948,804.64	895,164.17	0-44.36	23.93' LT.
100	1,948,796.42	894,397.27	292+25.35	48.05' RT.

PROP. CURVE NATIONAL-1
 PI STA. = 4+03.93
 $\Delta = 26^\circ 54' 34''$ (RT)
 D = 38' 11" 50"
 R = 150.00'
 T = 35.89'
 L = 70.45'
 E = 4.23'
 $e = 4\%$
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 3+68.04
 P.T. STA. = 4+38.49

PROP. CURVE LINDGREN-1
 PI STA. = 46+71.16
 $\Delta = 27^\circ 00' 06''$ (LT)
 D = 5' 43' 46"
 R = 1,000.00'
 T = 240.10'
 L = 471.27'
 E = 28.42'
 $e = 4\%$
 T.R. = 52'
 S.E. RUN = 104'
 P.C. STA. = 44+31.07
 P.T. STA. = 49+02.34

TBM	ELEV. DATUM NAVD 88	DESCRIPTION
52	866.11	"X" CUT IN TAG BOLT OF FIRE HYDRANT APPROXIMATELY 32 FEET NORTH OF NORTH GROVE ROAD ϕ AND 92 FEET WEST OF PLANK ROAD ϕ .
65	865.40	TAG BOLT OF FIRE HYDRANT APPROXIMATELY 53 FEET SOUTH OF EX. LINDGREN ROAD ϕ AND 23 FEET WEST OF NATIONAL STREET ϕ .
70	863.61	TAG BOLT OF FIRE HYDRANT LOCATED IN THE SOUTHWEST CORNER OF THE INTERSECTION OF NATIONAL STREET AND REPUBLIC AVENUE.
99	864.84	PK NAIL SET IN ϕ OF PLANK ROAD AT THE APPROXIMATE INTERSECTION OF PLANK ROAD AND EX. LINDGREN ROAD, ALSO APPROXIMATELY 567 FEET SOUTH OF THE INTERSECTION OF PLANK ROAD AND PROP. LINDGREN ROAD.

LEGEND
 = TEMPORARY BENCHMARK LOCATION
 = HORIZONTAL CONTROL POINT LOCATION



FILE NAME = P:\CIBEL\WEST Projects\2009\09-0840 Lindgren Ref.Civil\Drawings\11B.dwg

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 St. Charles, Illinois 60174
 (630) 443-7755

USER NAME = #USER#	DESIGNED - KMA	REVISED -
PLOT SCALE = 1"=50'	DRAWN - NDP	REVISED -
PLOT DATE = 10/28/2009	CHECKED - SBP	REVISED -
	DATE - 10/1/09	REVISED -





STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

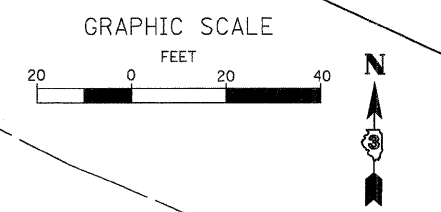
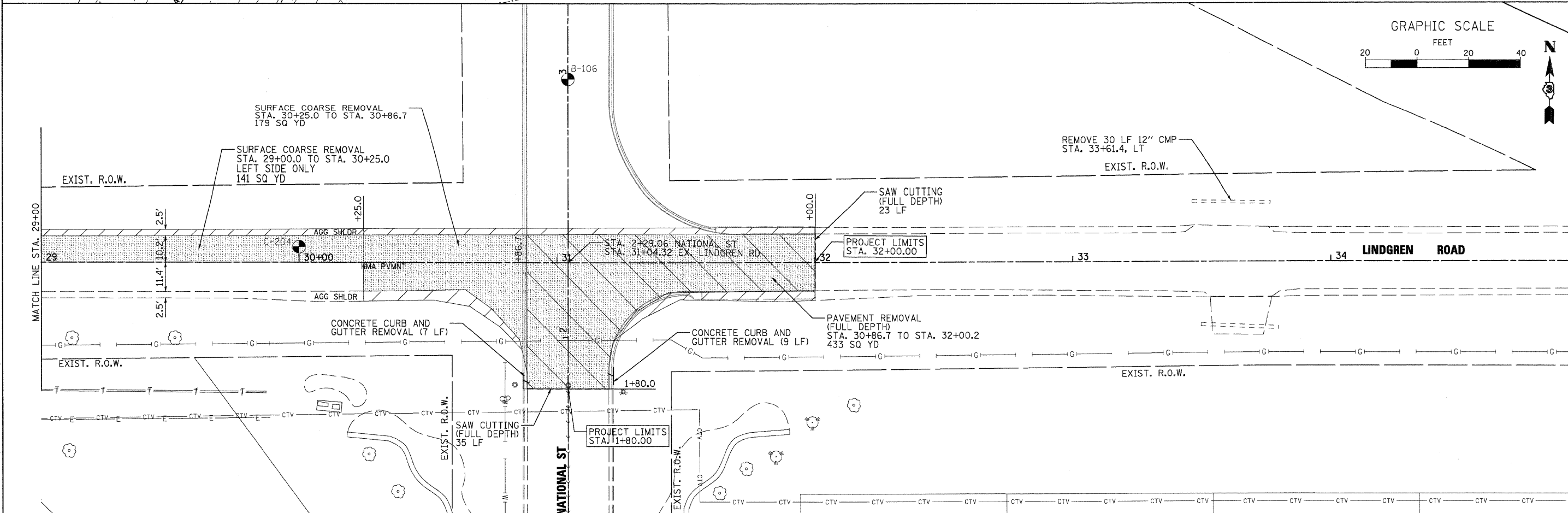
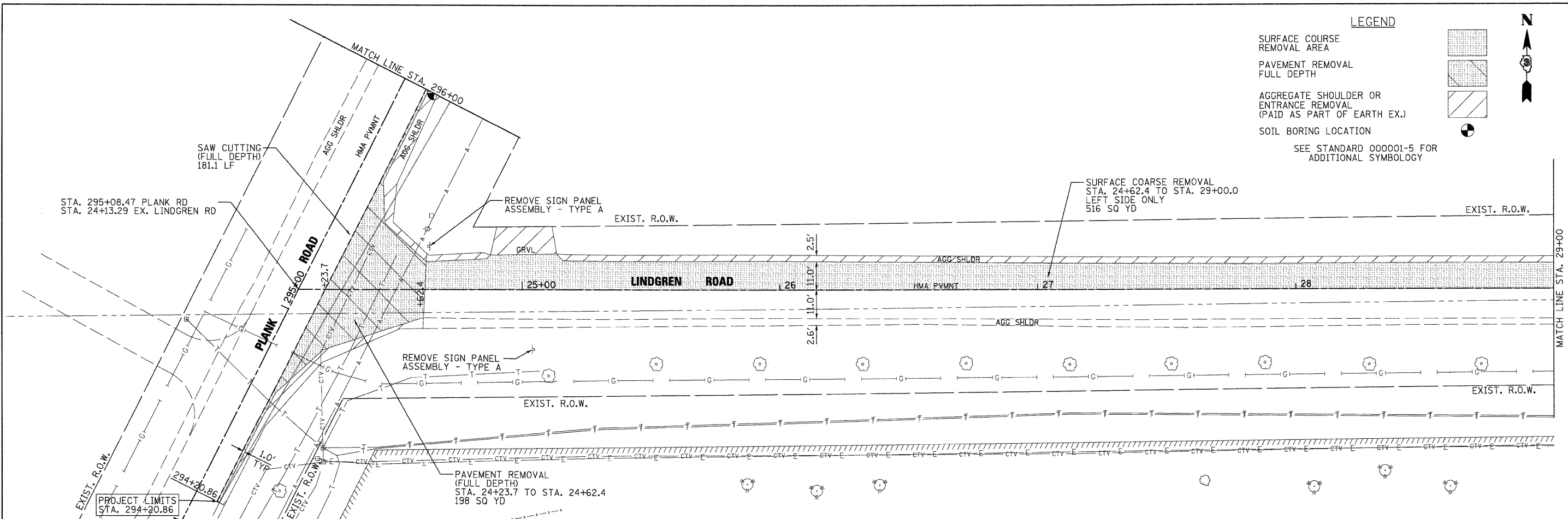
ALIGNMENT, TIES & BENCHMARKS	
SCALE: 1"=50'	SHEET NO. 12 OF 54 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	12

FED. ROAD DIST. NO. 3 [ILLINOIS] FED. AID PROJECT CONTRACT NO. 87406

LEGEND

- SURFACE COURSE REMOVAL AREA 
 - PAVEMENT REMOVAL FULL DEPTH 
 - AGGREGATE SHOULDER OR ENTRANCE REMOVAL (PAID AS PART OF EARTH EX.) 
 - SOIL BORING LOCATION 
- SEE STANDARD 00001-5 FOR ADDITIONAL SYMBOLLOGY



FILE NAME = P:\CIBBEL WEST Projects\2009\09-20040 Lindgren Rd\Civil\Drawings\DEMO.dwg

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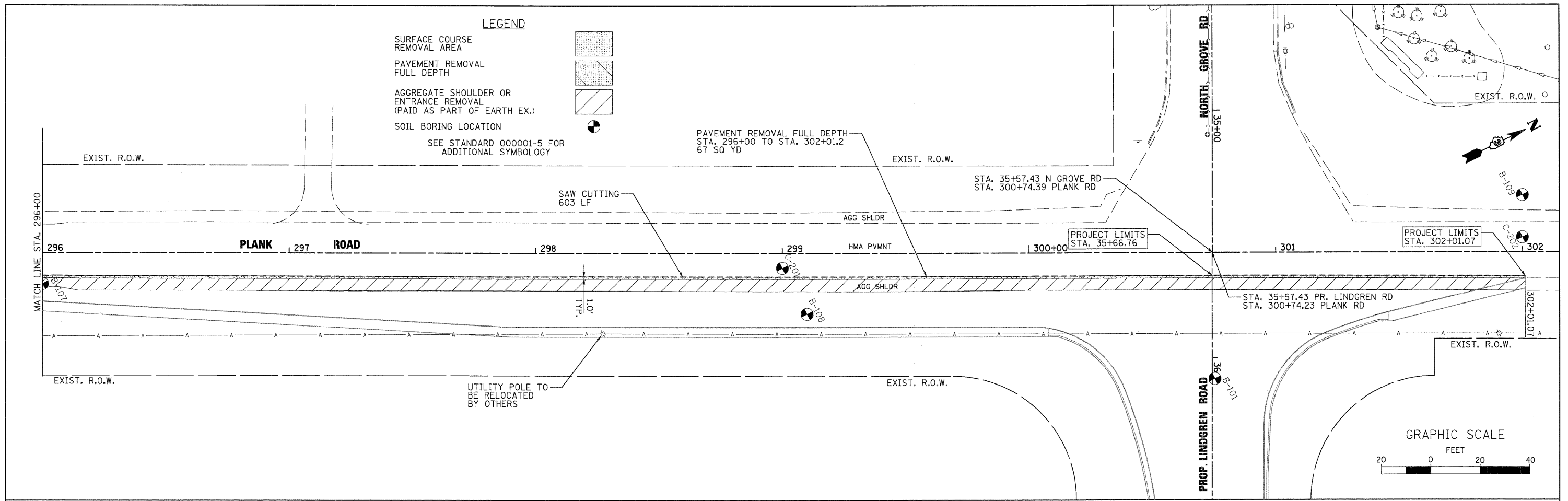
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PLOT DATE = 10/27/2009	CHECKED - SBP	REVISED -
	DATE - 10/1/09	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLANS
 LINDGREN ROAD**

SCALE: 1"=20' SHEET NO. 13 OF 54 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	13
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT CONTRACT NO. 87406				



FILE NAME = P:\CBBEL WEST Projects\2009\09-02048 Lindgren Rd\GIS\1\09\NORTH\NORTH_02.dgn

WBK **WILLS BURKE KELSEY ASSOCIATES LTD.**
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 St. Charles, Illinois 60114
 (630) 443-7766

USER NAME = #USER#	DESIGNED - KMA	REVISED -
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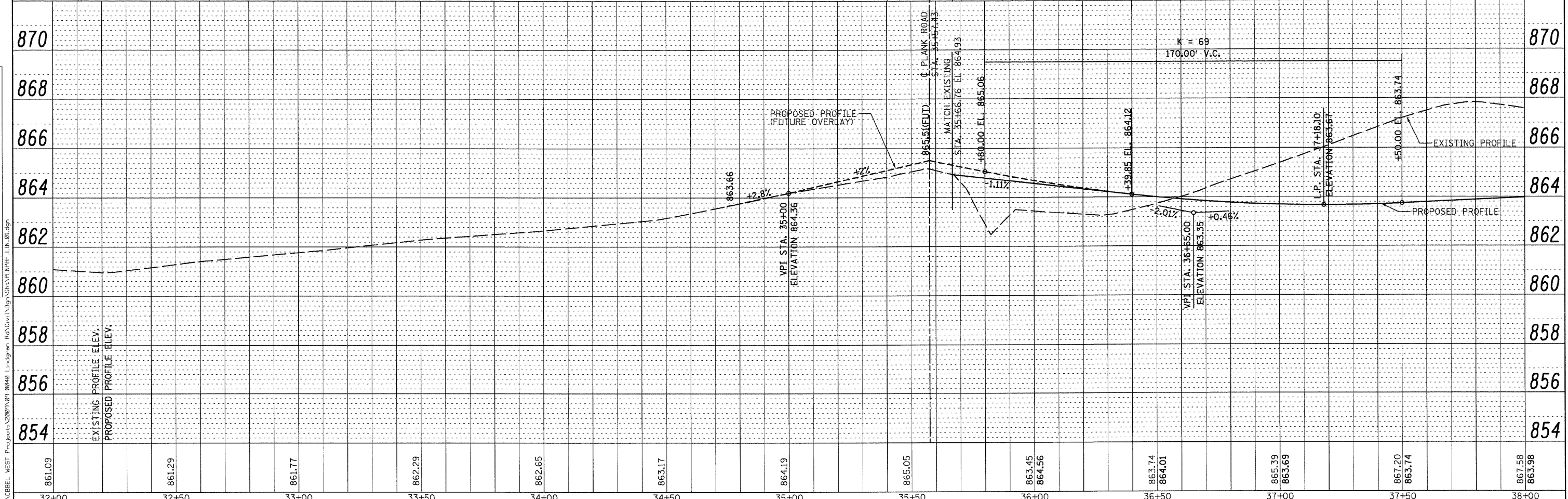
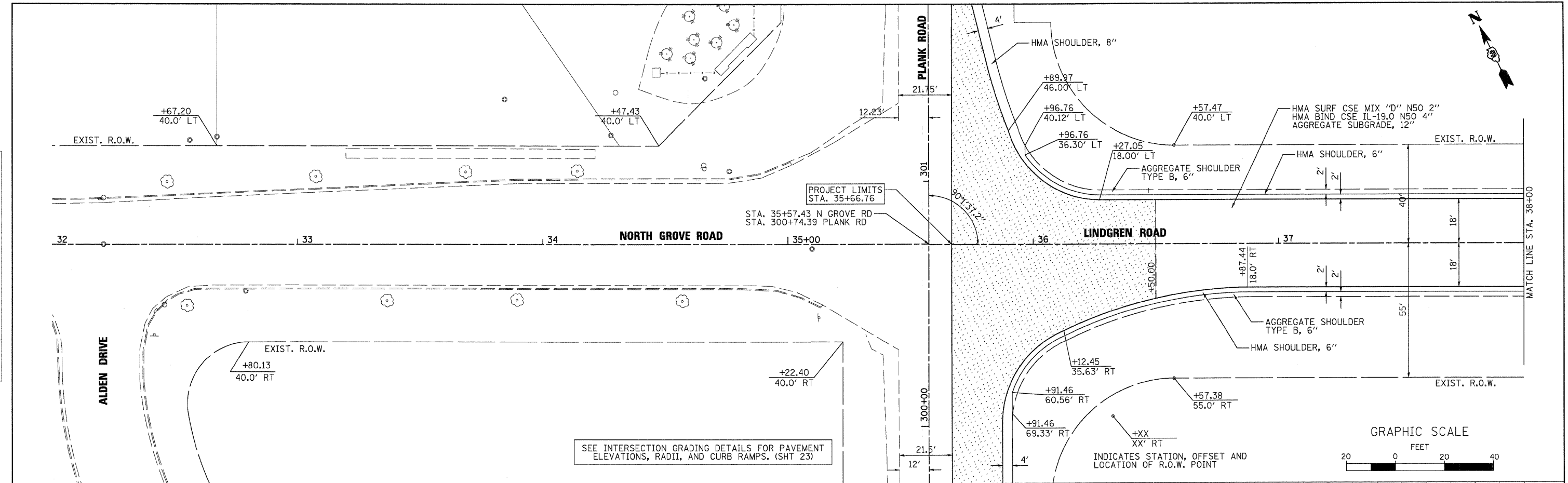
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

REMOVAL PLANS PLANK ROAD	
SCALE: 1"=20'	SHEET NO. 14 OF 54 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	14
FED. ROAD DIST. NO. 3 [ILLINOIS] FED. AID PROJECT				

DATE _____ BY _____
 SURVEYED _____
 ALIGNED _____
 RT. OF WAY CHECKED _____
 ROAD FILE NAME _____
 NO. _____

DATE _____ BY _____
 SURVEYED _____
 GRADES CHECKED _____
 B.M. NOTED _____
 STRUCTURE NOTATIONS CHD _____
 NO. _____



861.09	861.29	861.77	862.29	862.65	863.17	864.19	865.05	863.45	864.56	863.74	864.01	865.39	863.69	867.20	863.74	867.58	863.98
32+00	32+50	33+00	33+50	34+00	34+50	35+00	35+50	36+00	36+50	37+00	37+50	38+00	38+00	38+00	38+00	38+00	38+00

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USER NAME = #USER#	DESIGNED - KMA	REVISED -
PLOT SCALE = H:1"=20', V:1"=2'	DRAWN - NDP	REVISED -
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	DATE - 10/1/09	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

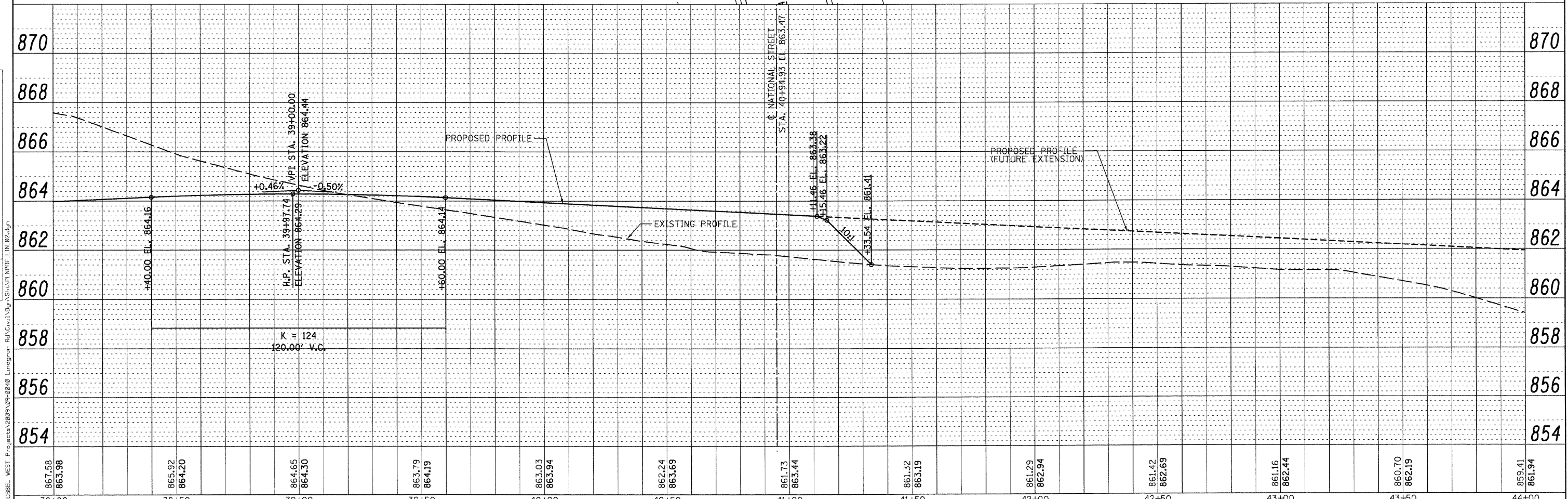
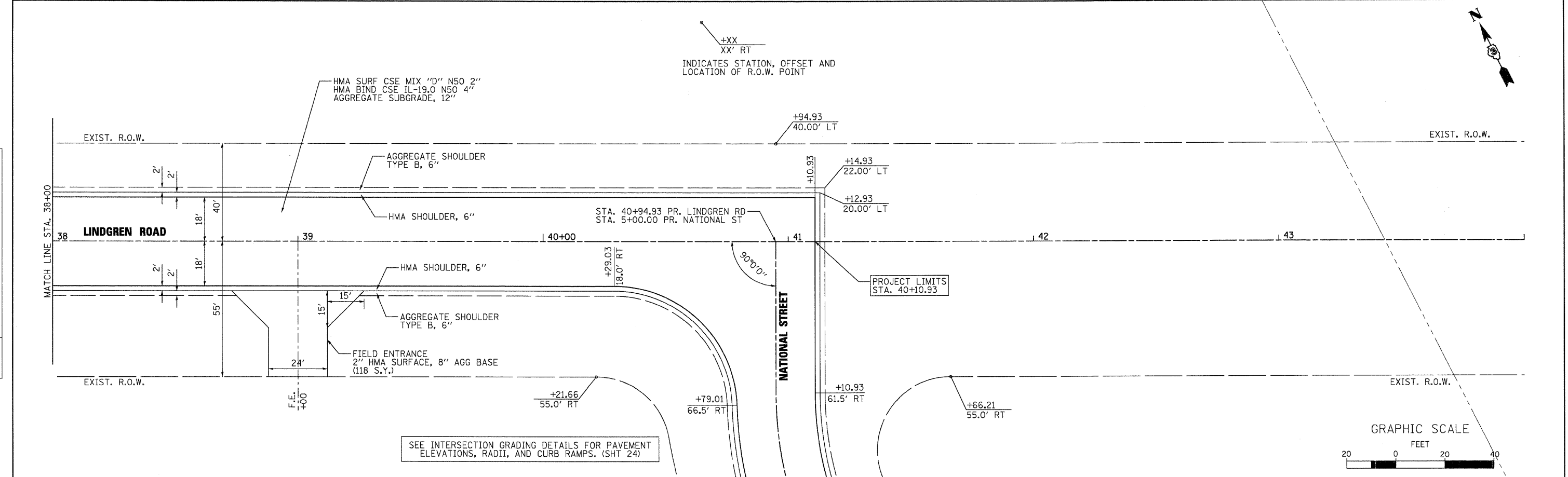
**PLAN & PROFILE
 LINDGREN ROAD**

SCALE: H:1"=20', V:1"=2' SHEET NO. 15 OF 54 SHEETS STA. 35+65.76 TO STA. 38+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	15
FED. ROAD DIST. NO. 3 [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 87406	

PLAN	SURVEYED	DATE
	ALIGNED	BY
	RT. OF WAY CHECKED	
	NO. OF WAY CHECKED	
	NO.	
	ADD FILE NAME	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	BY
	IB.M. NOTED	
	STRUCTURE NOTATIONS OK'D	
	NO.	



867.58 863.98	865.92 864.20	864.65 864.30	863.79 864.19	863.03 863.94	862.24 863.69	861.73 863.44	861.32 863.19	861.29 862.94	861.42 862.69	861.16 862.44	860.70 862.19	859.41 861.94
38+00	38+50	39+00	39+50	40+00	40+50	41+00	41+50	42+00	42+50	43+00	43+50	44+00

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 St. Charles, Illinois 60174
 (630) 443-7755

USER NAME = #USER#	DESIGNED - KMA	REVISED -
DRAWN - NDP	CHECKED - SBP	DATE - 10/1/09
PLOT SCALE = H1"=20', V1"=2'		
PLOT DATE = 10/27/2009		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
LINDGREN ROAD

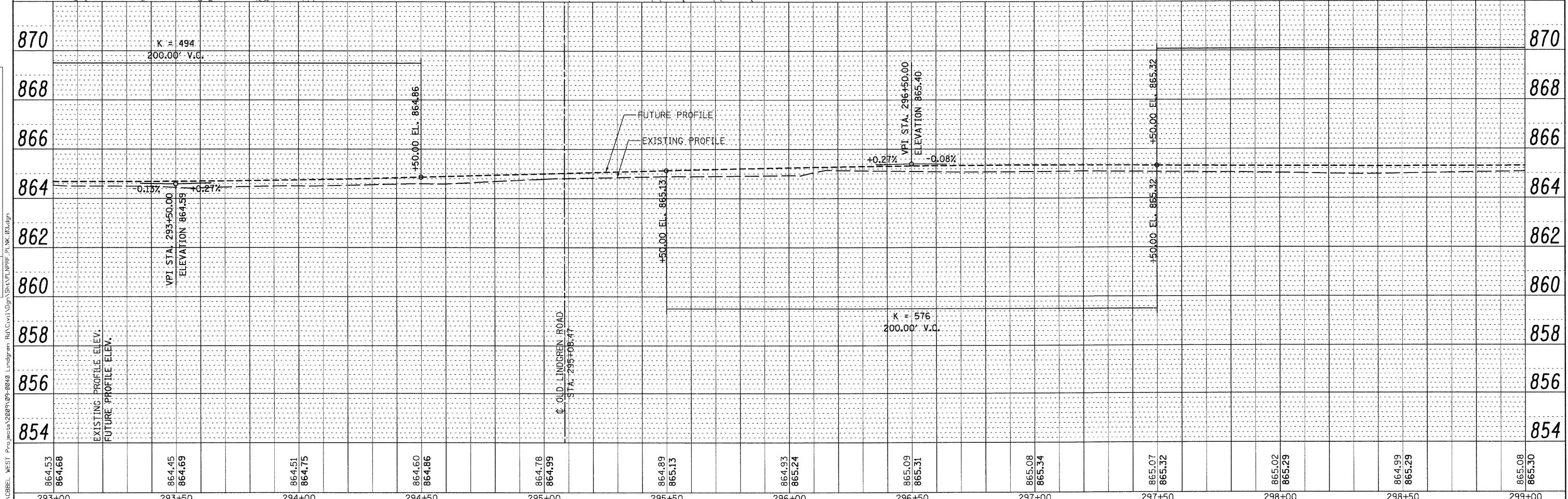
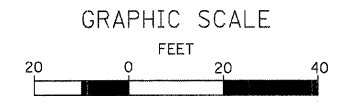
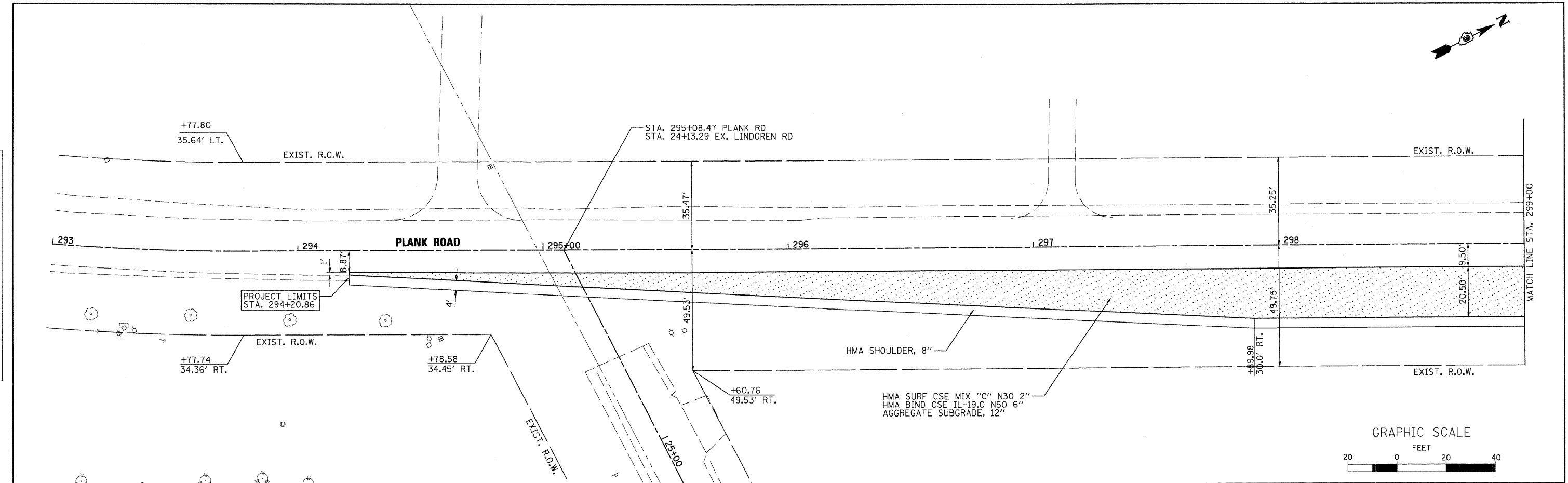
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	16
CONTRACT NO. 87406				
FED. ROAD DIST. NO. 3 (ILLINOIS) FED. AID PROJECT				



PLAN	SURVEYED	DATE
	GRADES CHECKED	
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	RT. OF WAY CHECKED	
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	NO. OF WAY CHECKED	
	NO. OF WAY CHECKED	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	RT. OF WAY CHECKED	
	NO. OF WAY CHECKED	
	NO. OF WAY CHECKED	
	NO. OF WAY CHECKED	



864.53 864.68	864.45 864.69	864.51 864.75	864.60 864.86	864.78 864.99	864.89 865.13	864.93 865.24	865.09 865.31	865.08 865.34	865.07 865.32	865.02 865.29	864.99 865.29	865.08 865.30
293+00	293+50	294+00	294+50	295+00	295+50	296+00	296+50	297+00	297+50	298+00	298+50	299+00

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(630) 443-7765

USER NAME = #USER#	DESIGNED - KMA	REVISED -
DRAWN - NDP	CHECKED - SBP	DATE - 10/1/09
PLT SCALE = H1"=20', V1"=2'		
PLT DATE = 10/25/2009		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
PLANK ROAD

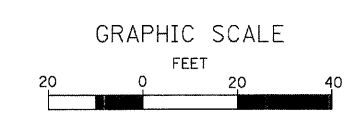
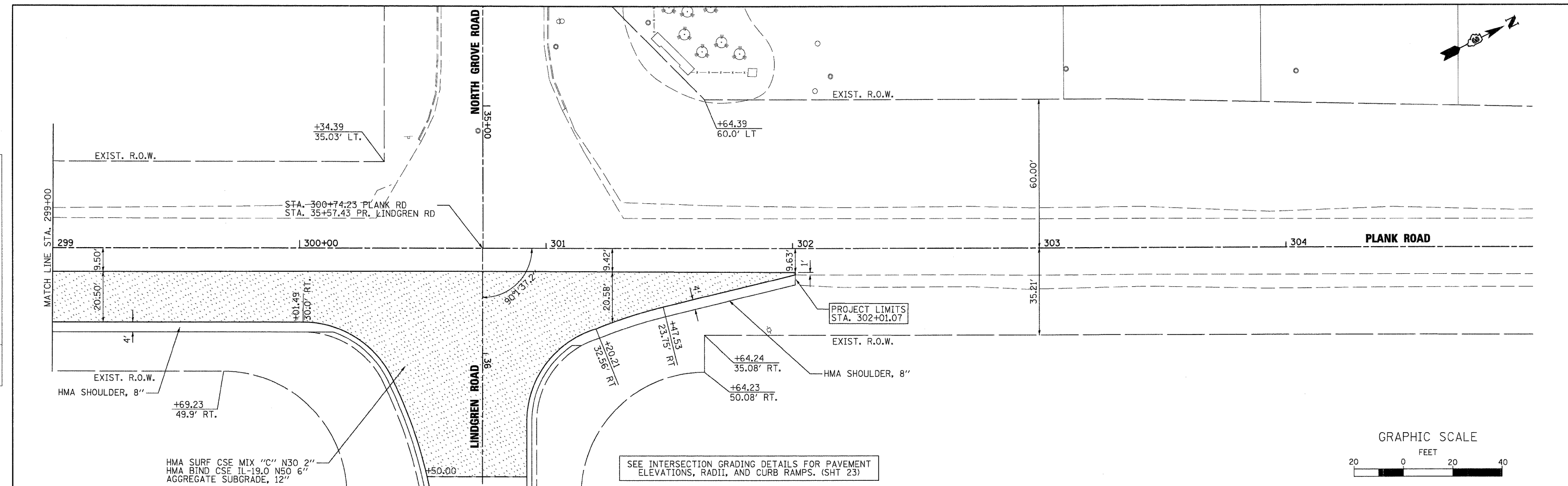
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	17
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT			CONTRACT NO. 87406	

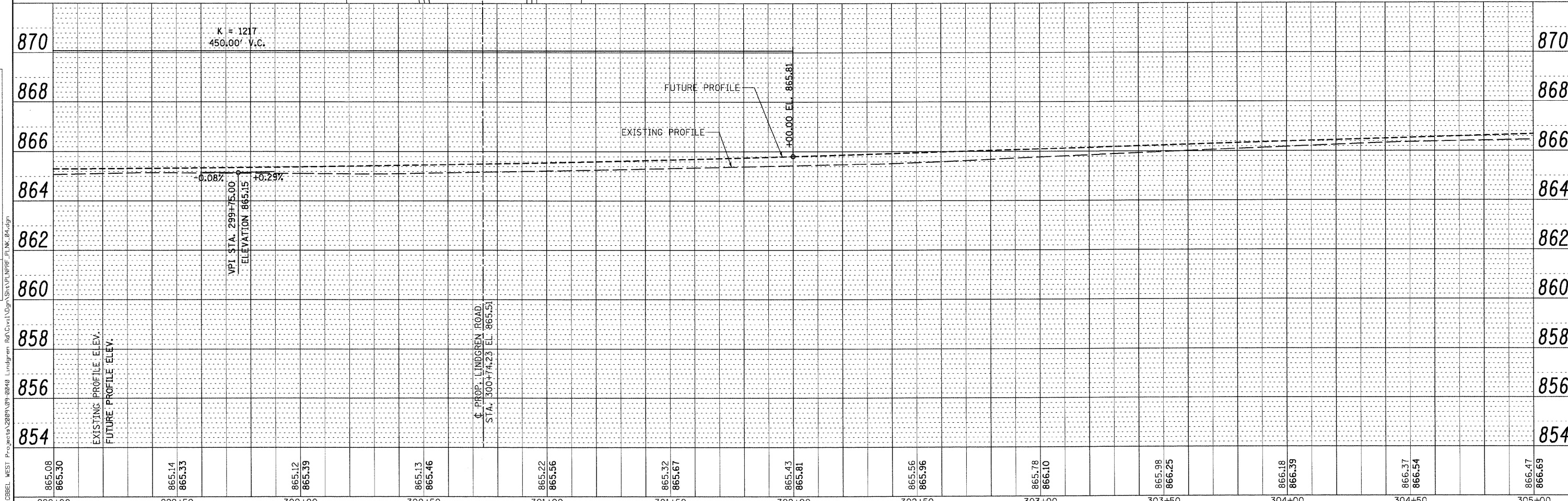
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	NOTED		
	CHECKED		
	RT. OF WAY		
	CHECKED		
	NO.		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
	GRADES		
	CHECKED		
	RT. OF WAY		
	CHECKED		
	NO.		
	FILE NAME		



SEE INTERSECTION GRADING DETAILS FOR PAVEMENT ELEVATIONS, RADII, AND CURB RAMPS. (SHT 23)



865.08	865.30	865.14	865.33	865.12	865.39	865.13	865.46	865.22	865.56	865.32	865.67	865.43	865.81	865.56	865.96	865.78	866.10	865.98	866.25	866.18	866.39	866.37	866.54	866.47	866.69
299+00	299+50	300+00	300+50	301+00	301+50	302+00	302+50	303+00	303+50	304+00	304+50	305+00													

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	DATE - 10/1/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

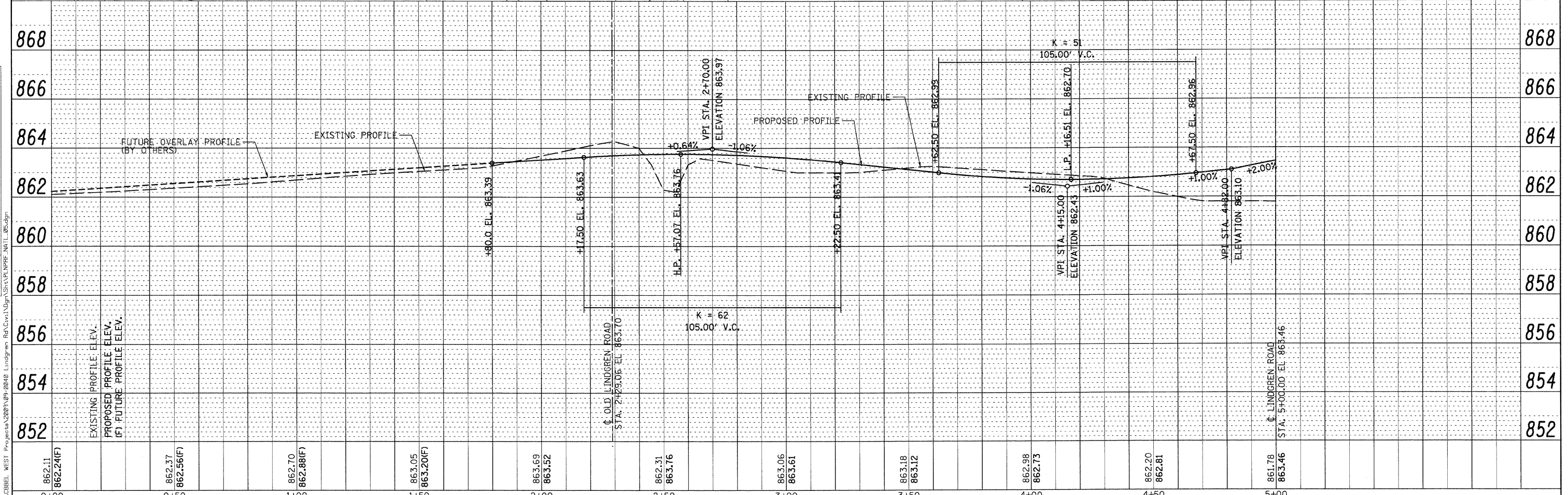
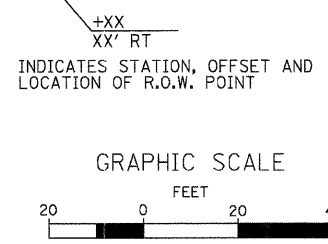
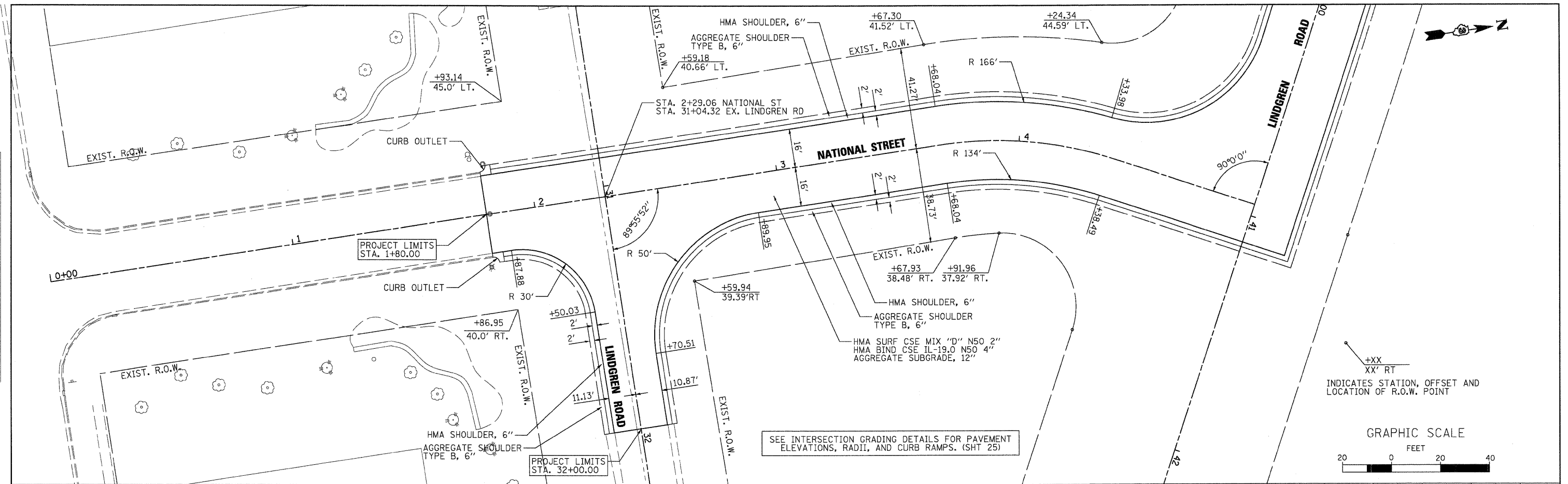
**PLAN & PROFILE
PLANK ROAD**

SCALE: H1"=20', V1"=2' SHEET NO. 18 OF 54 SHEETS STA. 299+00.00 TO STA. 302+01.08

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	18
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT			CONTRACT NO. 87406	

PLAN SURVEYED _____
 ALIGNED _____
 CHECKED _____
 RT. OF WAY CHECKED _____
 NO. _____
 DATE _____

PROFILE SURVEYED _____
 GRADES CHECKED _____
 IS.M. NOTED _____
 STRUCTURE NOTATION CHRD _____
 NO. _____
 DATE _____



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0+00	0+50	1+00	1+50	2+00	2+50	3+00	3+50	4+00	4+50	5+00

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 St. Charles, Illinois 60174
 (830) 443-7755

USER NAME = #USER#	DESIGNED - KMA	REVISED -
DRAWN - NDP	CHECKED - SBP	REVISED -
DATE - 10/1/09		REVISED -

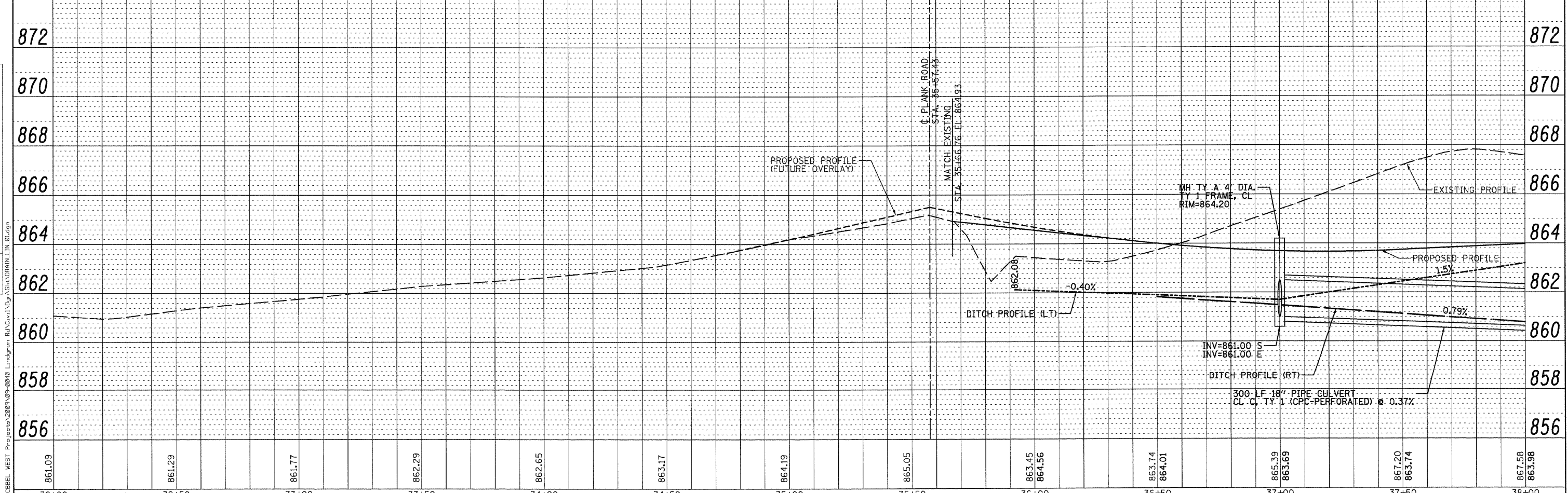
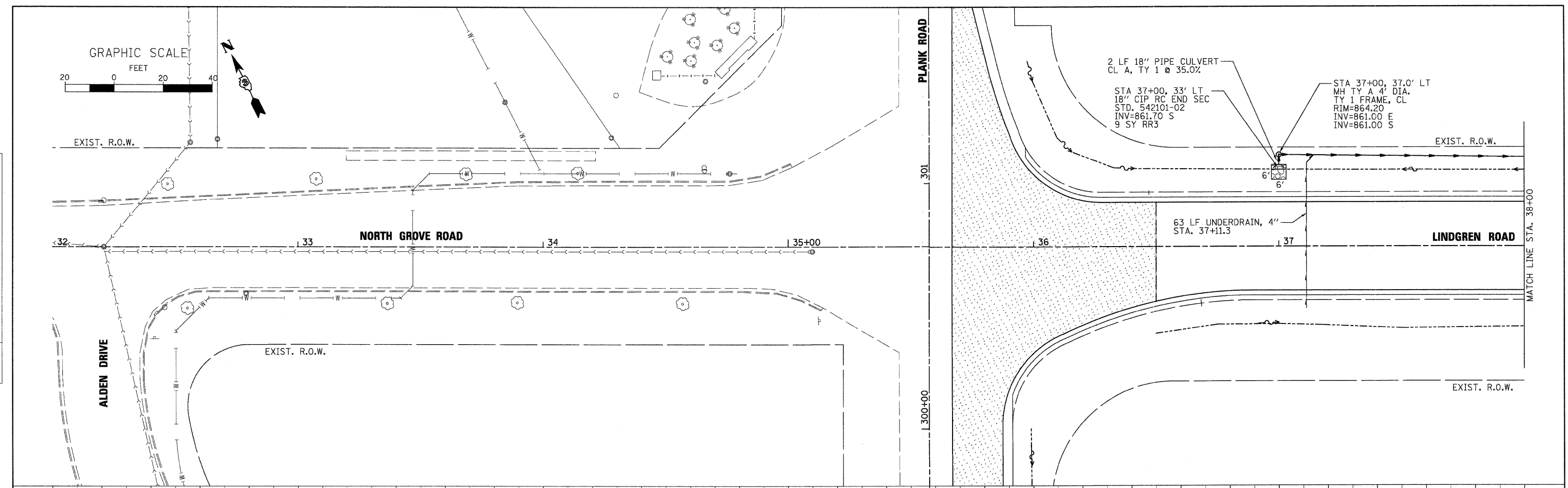
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
 NATIONAL STREET
 SCALE: H=1"=20', V=1"=2' SHEET NO. 19 OF 54 SHEETS STA. 1+80.00 TO STA. 5+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	19
CONTRACT NO. 87406				
FED. ROAD DIST. NO. 3 [ILLINOIS] FED. AID PROJECT				

PLAN	SURVEYED	DATE
	NOTE BOOK	BY
	NO.	
	NO. OF WAY CHECKED	
	ADD FILE NAME	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	BY
	ISAM. NOTED	
	STRUCTURE NOTATIONS OK'D	
	NO.	



861.09	861.29	861.77	862.29	862.65	863.17	864.19	865.05	863.45	864.56	863.74	864.01	865.39	863.69	867.20	863.74	867.58	863.98
32+00	32+50	33+00	33+50	34+00	34+50	35+00	35+50	36+00	36+50	37+00	37+50	38+00					

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USER NAME = #USER#	DESIGNED -	REVISED -
PLOT SCALE = H1"=20', V1"=2'	DRAWN -	REVISED -
PLOT DATE = 10/28/2009	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITIES
 LINDGREN ROAD**

SCALE: H1"=20', V1"=2' SHEET NO. 20 OF 54 SHEETS STA. TO STA.

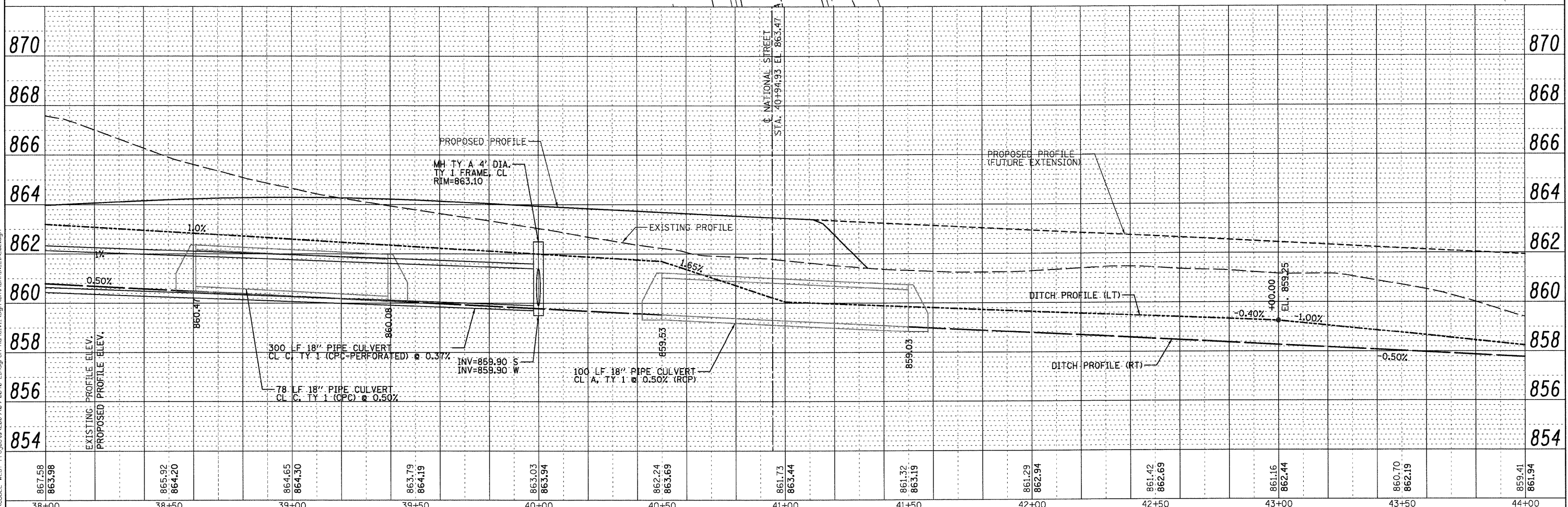
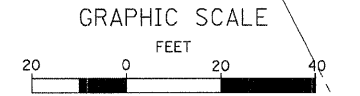
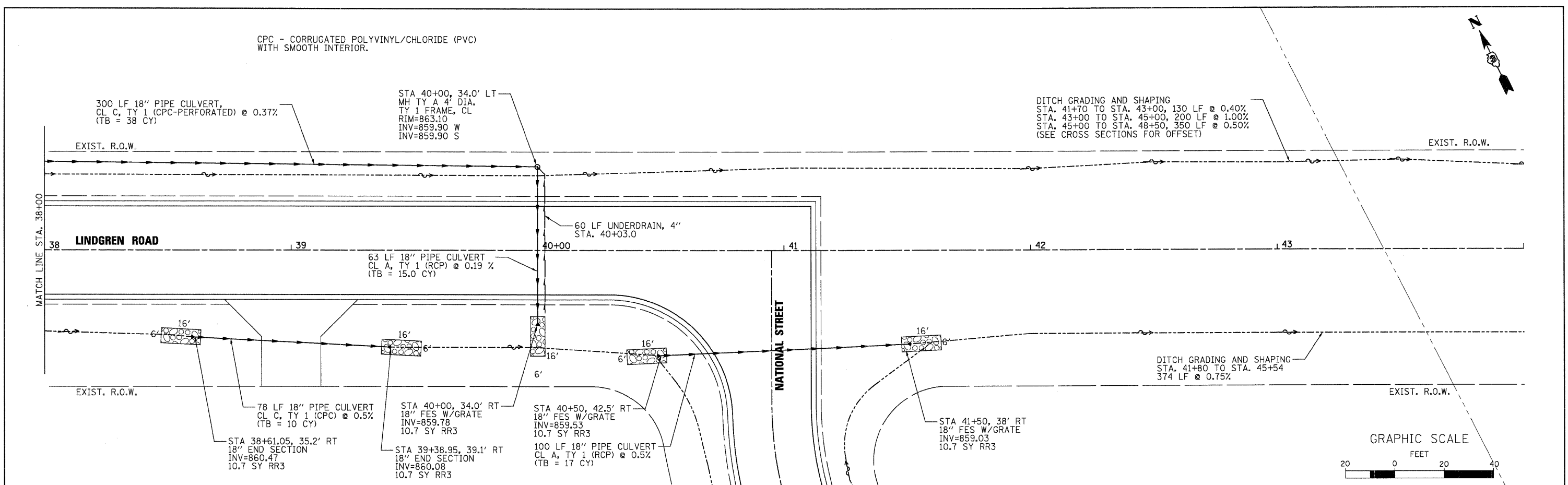
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	20
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT			CONTRACT NO. 87406	

CPC - CORRUGATED POLYVINYL/CHLORIDE (PVC)
WITH SMOOTH INTERIOR.



DATE	BY
SURVEYED	ALIGNED
GRADES CHECKED	STRUCTURE NOTATIONS OK'D
NOTE BOOK NO.	
RT. OF WAY CHECKED	
GRID FILE NAME	

DATE	BY
SURVEYED	GRADES CHECKED
NOTE BOOK NO.	STRUCTURE NOTATIONS OK'D



867.58	863.98	864.65	864.30	863.79	864.19	863.03	863.94	862.24	863.69	861.73	863.44	861.32	863.19	861.29	862.94	861.42	862.69	861.16	862.44	860.70	862.19	859.41	861.94	
38+00	38+50	39+00	39+50	40+00	40+50	41+00	41+50	42+00	42+50	43+00	43+50	44+00												

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USER NAME = #USER#	DESIGNED - KMA	REVISED -
PLOT SCALE = H1"=20', V1"=2'	DRAWN - NDP	REVISED -
PLOT DATE = 10/28/2009	CHECKED - SBP	REVISED -
	DATE - 10/1/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

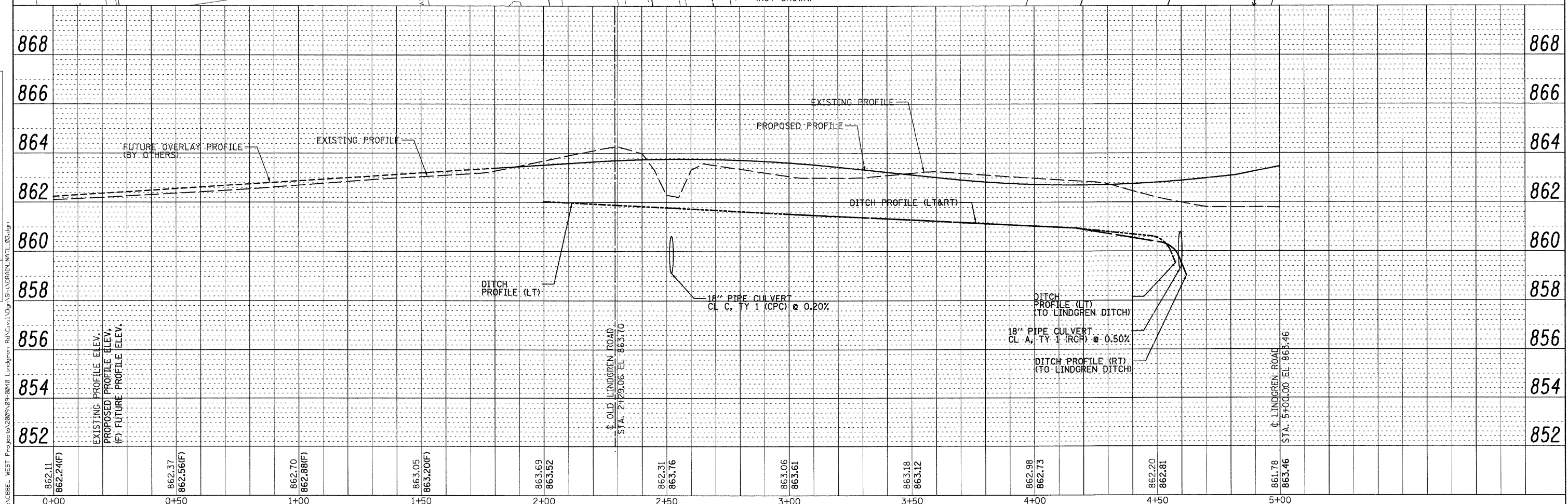
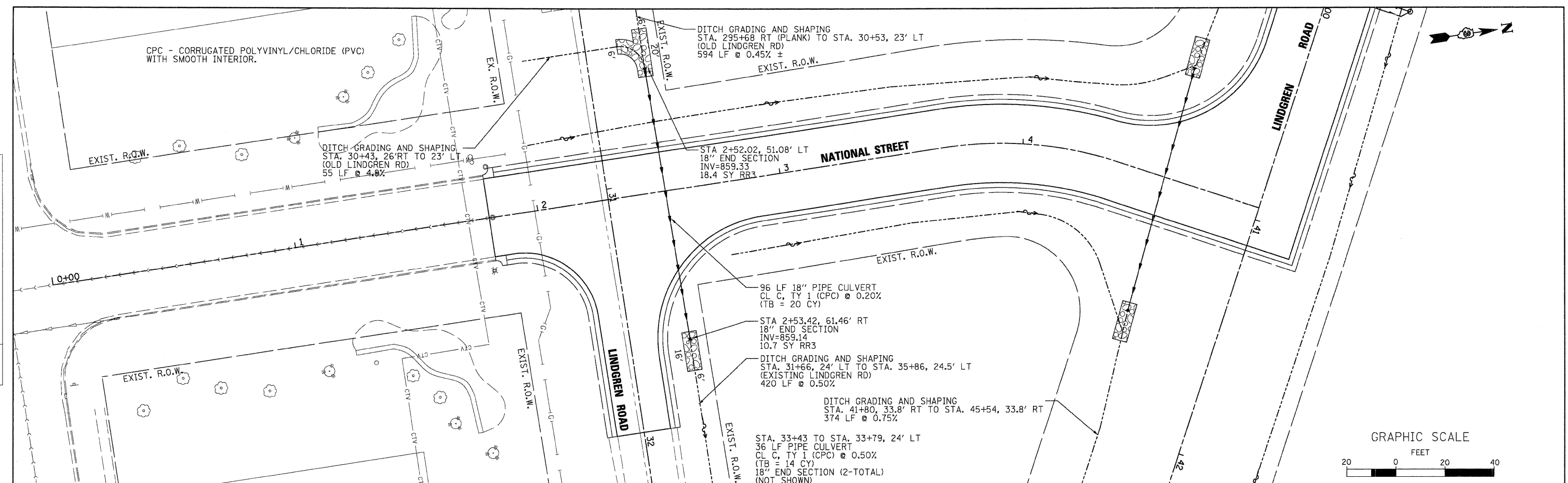
DRAINAGE AND UTILITIES
LINDGREN ROAD

SCALE: H1"=20', V1"=2' SHEET NO. 21 OF 54 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-PP	DEKALB	54	21
FED. ROAD DIST. NO. 3 [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 87406	

DATE	
BY	
SURVEYED	
ALIGNED	
CHECKED	
RT. OF WAY CHECKED	
NO. CAD FILE NAME	
PLAN	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
GRADES CHECKED	
NO. STRUCTURE NOTATIONS CHFD	
PROFILE	
NOTE BOOK	
NO.	



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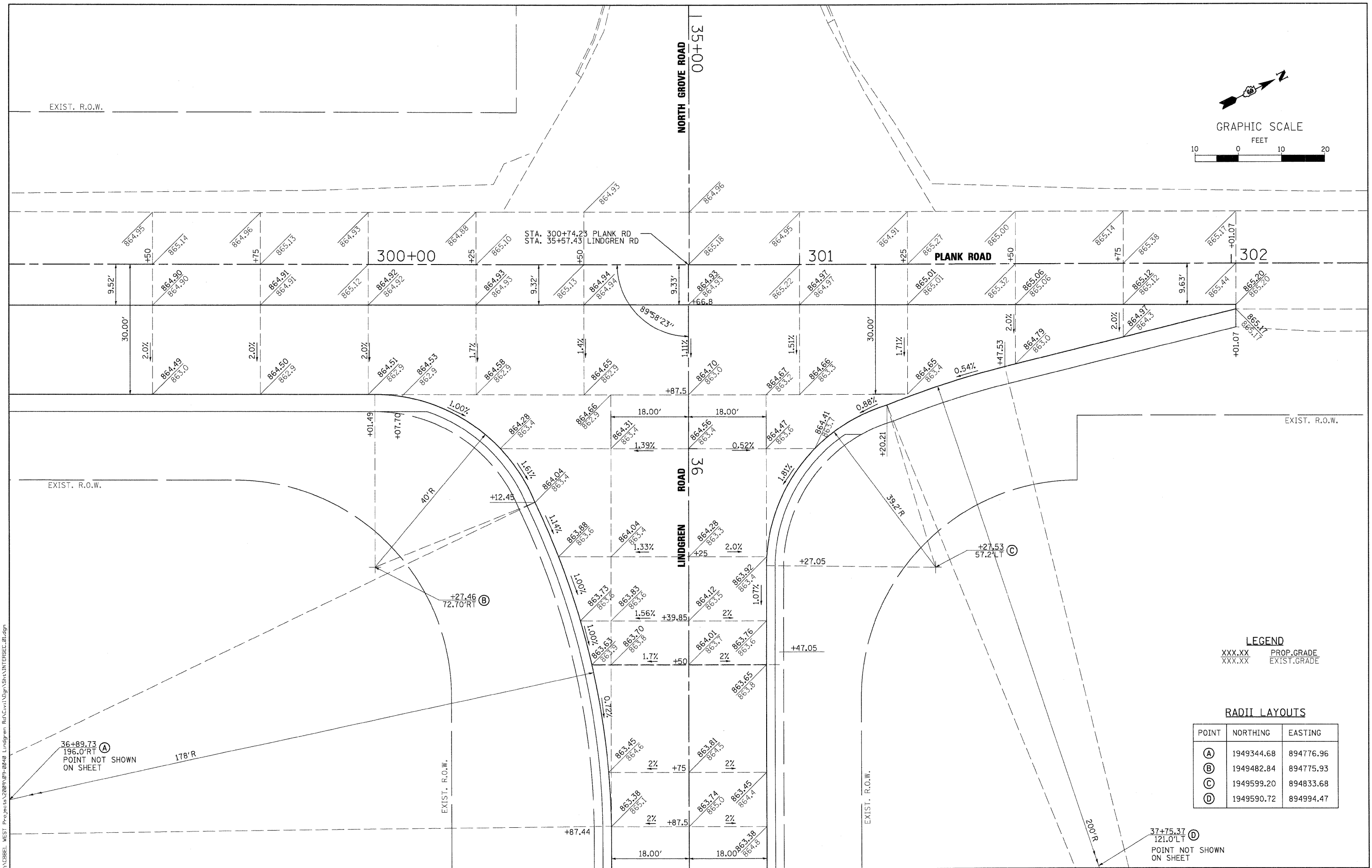
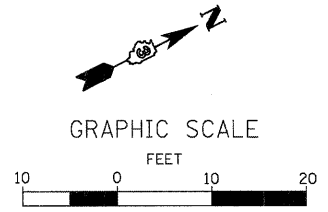
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PLOT DATE =	10/28/2009	CHECKED -	SBP	REVISED -	
		DATE -	10/1/09	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITIES
NATIONAL STREET

SCALE: H1"=20', V1"=2' SHEET NO. 22 OF 54 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	22
FED. ROAD DIST. NO. 3 [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 87406	



LEGEND

XXX.XX	PROP.GRADE
XXX.XX	EXIST.GRADE

RADI LAYOUTS

POINT	NORTHING	EASTING
(A)	1949344.68	894776.96
(B)	1949482.84	894775.93
(C)	1949599.20	894833.68
(D)	1949590.72	894994.47

FILE NAME = P:\DBBEL WEST Projects\2009\09-08\08 Lindgren Rd\Civil\Drawings\INTERSEC.dwg

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USER NAME = #USER#	DESIGNED - KMA	REVISIONS
PLOT SCALE = 1"=10'	DRAWN - NDP	REVISIONS
PLOT DATE = 10/26/2009	CHECKED - SBP	REVISIONS
	DATE - 10/1/09	REVISIONS

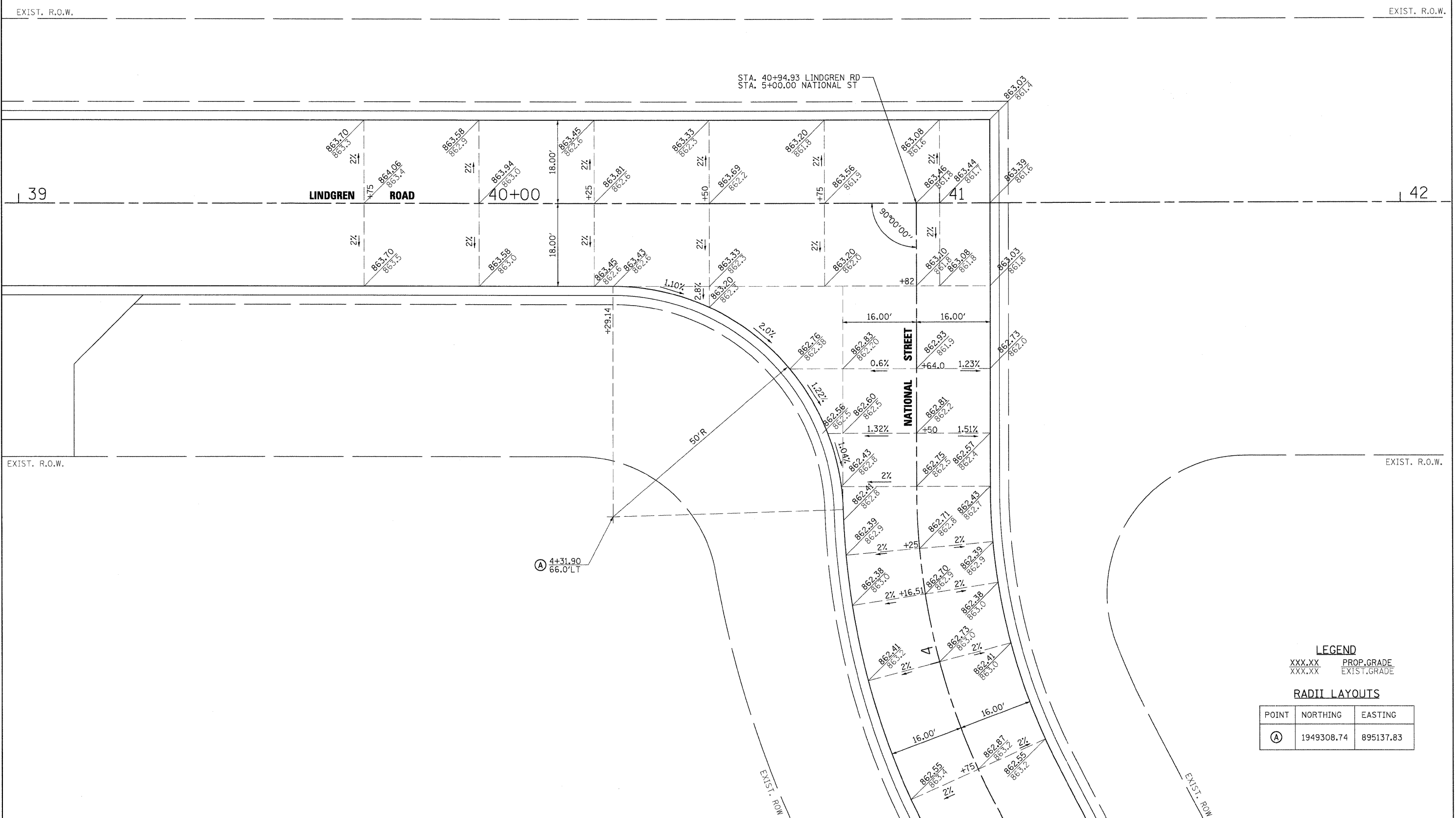
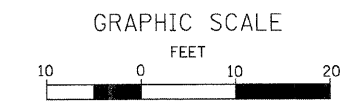
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION GRADE DETAIL
LINDGREN ROAD & PLANK ROAD**

SCALE: 1"=10' SHEET NO. 23 OF 54 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	23
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT				

CONTRACT NO. 87406



LEGEND

XXX.XX	PROP.GRADE
XXX.XX	EXIST.GRADE

RADII LAYOUTS

POINT	NORTHING	EASTING
Ⓐ	1949308.74	895137.83

FILE NAME = P:\CIBBELL WEST Projects\2009\09-10040 Lindgren Rd\Civil\Drawings\INTERSEC.02.dgn

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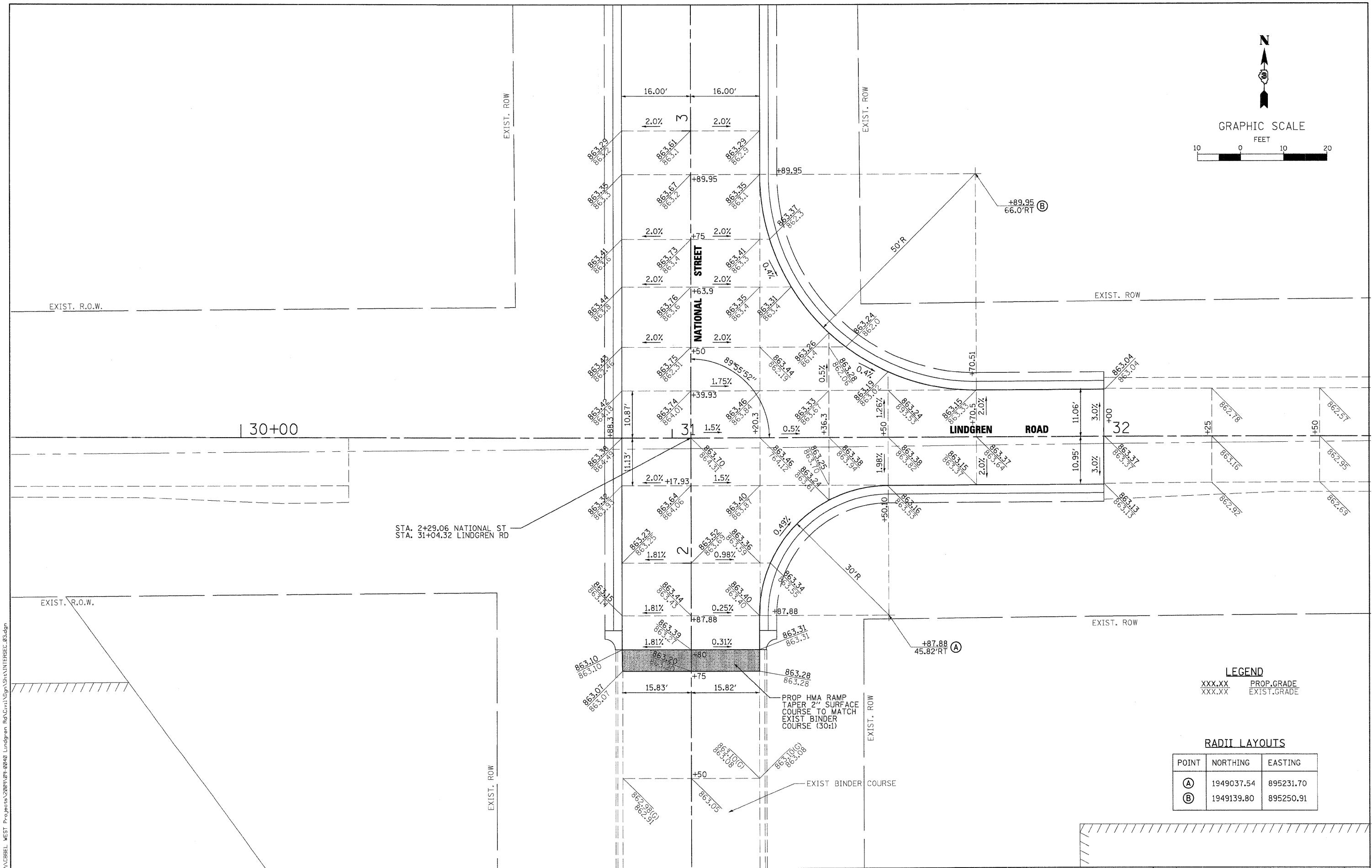
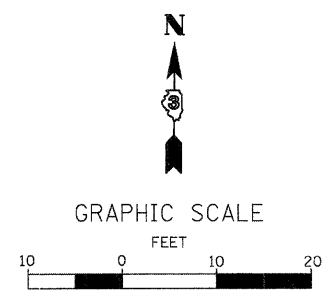
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PLOT DATE = 10/27/2009	CHECKED - SBP	REVISED -
	DATE - 10/1/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION GRADE DETAIL
LINDGREN ROAD & NATIONAL STREET**

SCALE: 1"=10' SHEET NO. 24 OF 54 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	24
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT				CONTRACT NO. 87406



LEGEND

XXX.XX	PROP.GRADE
xxx.xx	EXIST.GRADE

RADI LAYOUTS

POINT	NORTHING	EASTING
(A)	1949037.54	895231.70
(B)	1949139.80	895250.91

FILE NAME = P:\DBBEL_WEST_Projects\2009\09-0010 Lindgren_Rd\Drawings\INTERSEC_02.dgn

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USER NAME = #USER#	DESIGNED - KMA	REVISED -
PLOT SCALE = 1"=10'	DRAWN - NDP	REVISED -
PLOT DATE = 10/26/2009	CHECKED - SBP	REVISED -
	DATE - 10/1/09	REVISED -

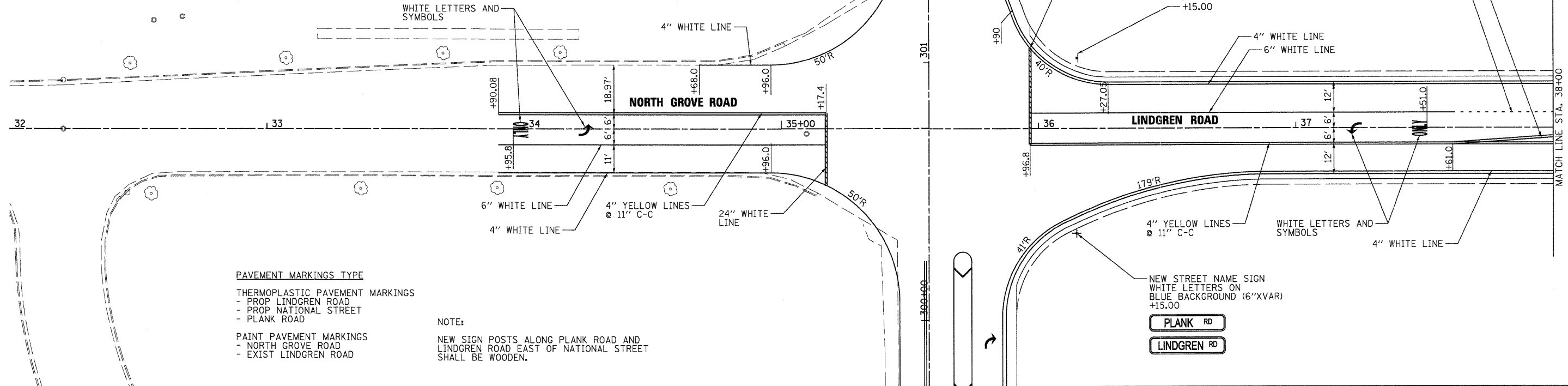
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**INTERSECTION GRADE DETAIL
 NATIONAL STREET & LINDGREN ROAD**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	25
FED. ROAD DIST. NO. 3 [ILLINOIS] FED. AID PROJECT				

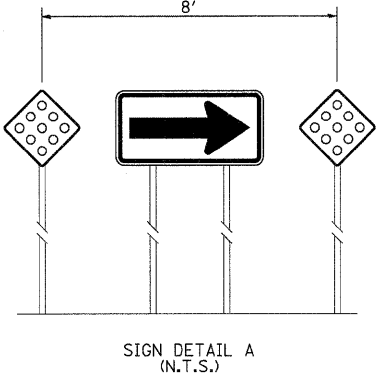
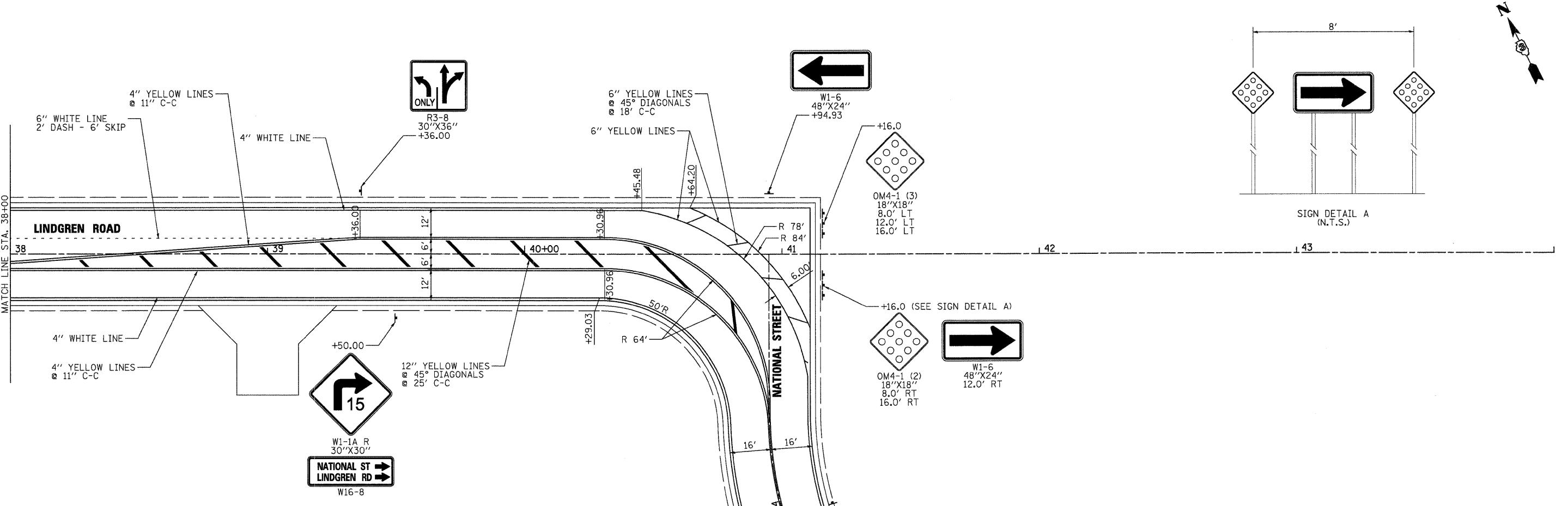
SCALE: 1"=10' SHEET NO. 25 OF 54 SHEETS STA. TO STA.

ONLY
 (24.7 SQ FT) (11.7 SQ FT)
 LETTERS AND SYMBOLS AREA
 (RURAL)



PAVEMENT MARKINGS TYPE
 THERMOPLASTIC PAVEMENT MARKINGS
 - PROP LINDGREN ROAD
 - PROP NATIONAL STREET
 - PLANK ROAD
 PAINT PAVEMENT MARKINGS
 - NORTH GROVE ROAD
 - EXIST LINDGREN ROAD

NOTE:
 NEW SIGN POSTS ALONG PLANK ROAD AND
 LINDGREN ROAD EAST OF NATIONAL STREET
 SHALL BE WOODEN.



FILE NAME = P:\CBBEL WEST Projects\2009\09-26\0 Lindgren_Rd\Civil\Ndr\Shp\PK_01.dwg

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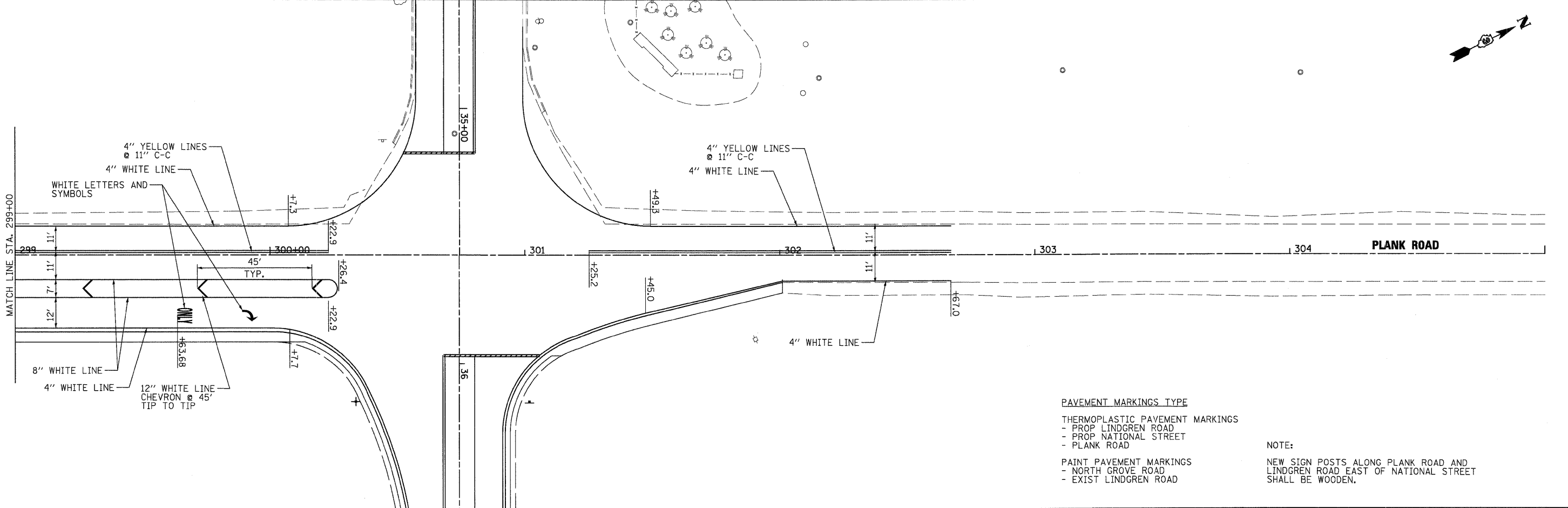
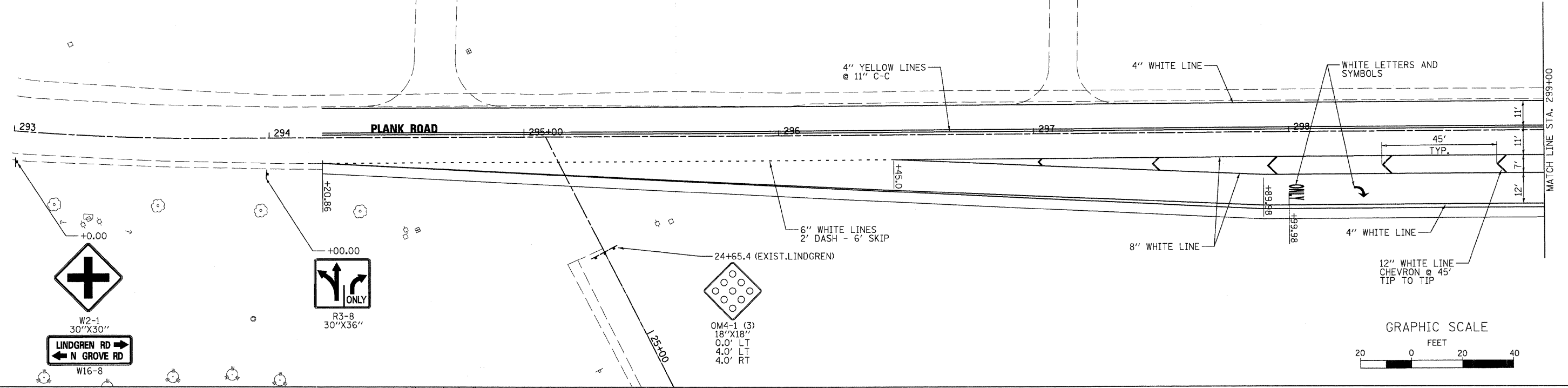
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PLOT DATE = 10/27/2009	CHECKED - SBP	REVISED -
	DATE - 10/1/09	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING & SIGNING PLAN
 LINDGREN ROAD & NORTH GROVE ROAD**
 SCALE: 1"=20' SHEET NO. 26 OF 54 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	26
FED. ROAD DIST. NO. 3 [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 87406	

ONLY
 (24.7 SQ FT) (11.7 SQ FT)
 LETTERS AND SYMBOLS AREA
 (RURAL)



PAVEMENT MARKINGS TYPE
 THERMOPLASTIC PAVEMENT MARKINGS
 - PROP LINDGREN ROAD
 - PROP NATIONAL STREET
 - PLANK ROAD
 PAINT PAVEMENT MARKINGS
 - NORTH GROVE ROAD
 - EXIST LINDGREN ROAD

NOTE:
 NEW SIGN POSTS ALONG PLANK ROAD AND
 LINDGREN ROAD EAST OF NATIONAL STREET
 SHALL BE WOODEN.

FILE NAME = P:\CDBEL_WEST_Projects\2009\09_2009\09_Lindgren_Rd\Drawings\Signs\PMK_02.dgn

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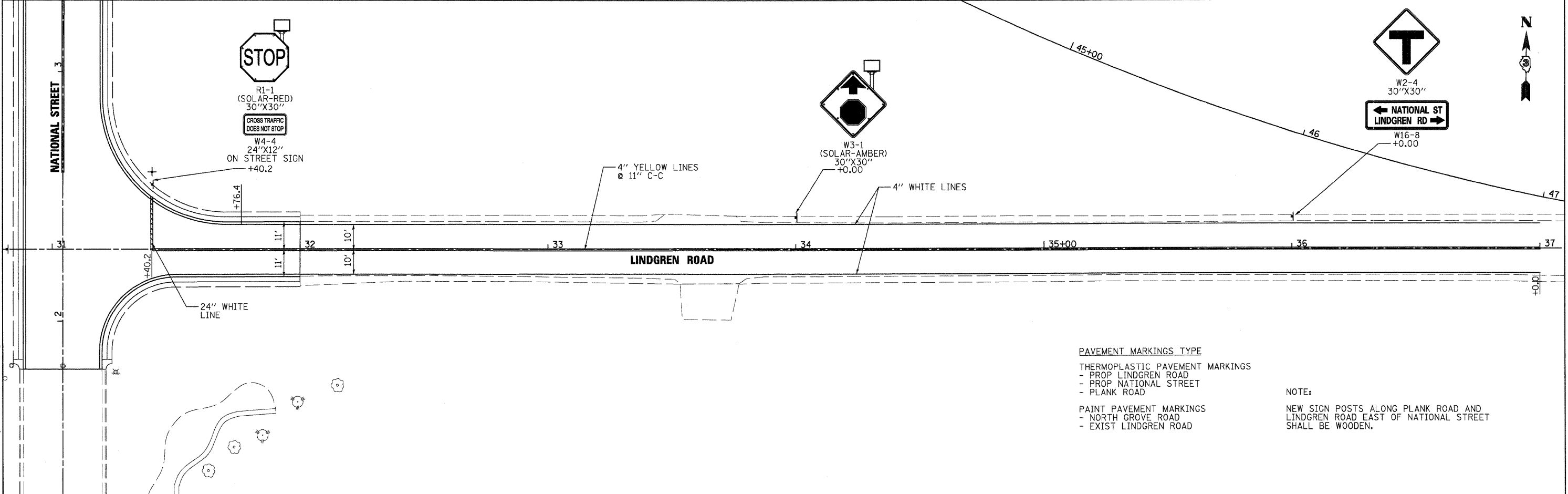
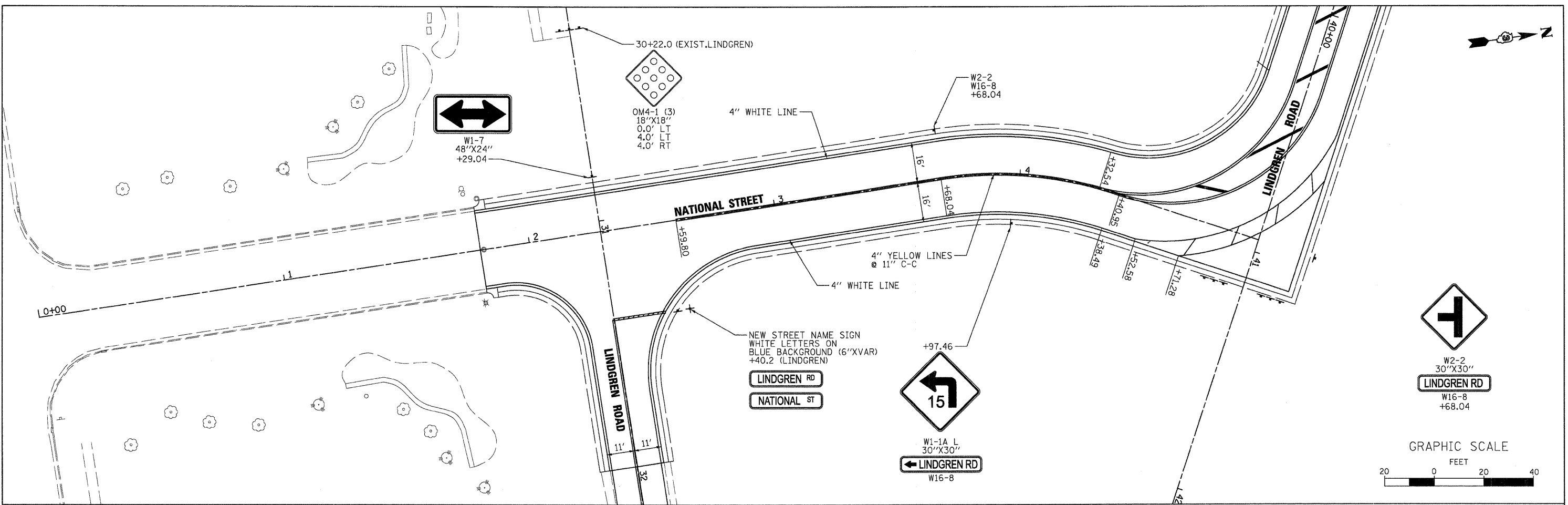
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PLOT DATE = 10/27/2009	CHECKED - SBP	REVISED -
	DATE - 10/1/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & SIGNING PLAN	
PLANK ROAD	
SCALE: 1"=20'	SHEET NO. 27 OF 54 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	27
FED. ROAD DIST. NO. 3 [ILLINOIS] FED. AID PROJECT				

CONTRACT NO. 87406



PAVEMENT MARKINGS TYPE
 THERMOPLASTIC PAVEMENT MARKINGS
 - PROP LINDGREN ROAD
 - PROP NATIONAL STREET
 - PLANK ROAD

PAINT PAVEMENT MARKINGS
 - NORTH GROVE ROAD
 - EXIST LINDGREN ROAD

NOTE:
 NEW SIGN POSTS ALONG PLANK ROAD AND LINDGREN ROAD EAST OF NATIONAL STREET SHALL BE WOODEN.

FILE NAME = P:\OBBIEL WEST Projects\2009\09-20248 Lindgren Rd\CD\1\Drawings\Signs\PMK.dwg

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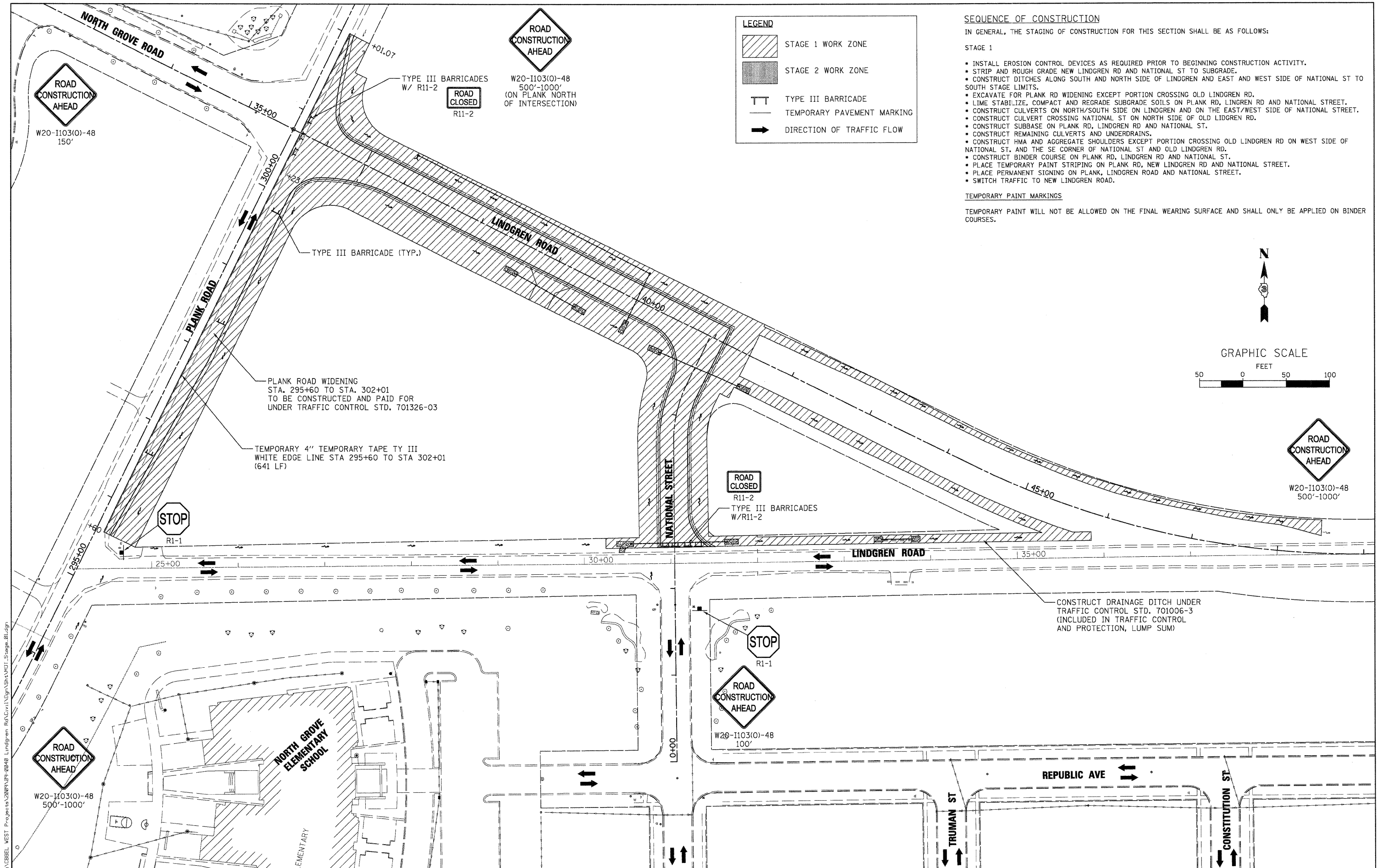
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	DATE - 10/1/09	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**






**PAVEMENT MARKING & SIGNING PLAN
 NATIONAL STREET**

SCALE: 1"=20' SHEET NO. 28 OF 54 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	28
				CONTRACT NO. 87406
FED. ROAD DIST. NO. 3 [ILLINOIS] FED. AID PROJECT				



LEGEND

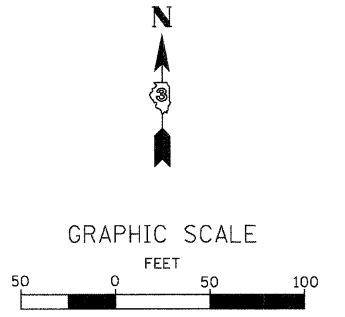
-  STAGE 1 WORK ZONE
-  STAGE 2 WORK ZONE
-  TYPE III BARRICADE
-  TEMPORARY PAVEMENT MARKING
-  DIRECTION OF TRAFFIC FLOW

SEQUENCE OF CONSTRUCTION
 IN GENERAL, THE STAGING OF CONSTRUCTION FOR THIS SECTION SHALL BE AS FOLLOWS:

STAGE 1

- INSTALL EROSION CONTROL DEVICES AS REQUIRED PRIOR TO BEGINNING CONSTRUCTION ACTIVITY.
- STRIP AND ROUGH GRADE NEW LINDGREN RD AND NATIONAL ST TO SUBGRADE.
- CONSTRUCT DITCHES ALONG SOUTH AND NORTH SIDE OF LINDGREN AND EAST AND WEST SIDE OF NATIONAL ST TO SOUTH STAGE LIMITS.
- EXCAVATE FOR PLANK RD WIDENING EXCEPT PORTION CROSSING OLD LINDGREN RD.
- LIME STABILIZE, COMPACT AND REGRADE SUBGRADE SOILS ON PLANK RD, LINDGREN RD AND NATIONAL STREET.
- CONSTRUCT CULVERTS ON NORTH/SOUTH SIDE ON LINDGREN AND ON THE EAST/WEST SIDE OF NATIONAL STREET.
- CONSTRUCT CULVERT CROSSING NATIONAL ST ON NORTH SIDE OF OLD LINDGREN RD.
- CONSTRUCT SUBBASE ON PLANK RD, LINDGREN RD AND NATIONAL ST.
- CONSTRUCT REMAINING CULVERTS AND UNDERDRAINS.
- CONSTRUCT HMA AND AGGREGATE SHOULDERS EXCEPT PORTION CROSSING OLD LINDGREN RD ON WEST SIDE OF NATIONAL ST, AND THE SE CORNER OF NATIONAL ST AND OLD LINDGREN RD.
- CONSTRUCT BINDER COURSE ON PLANK RD, LINDGREN RD AND NATIONAL ST.
- PLACE TEMPORARY PAINT STRIPING ON PLANK RD, NEW LINDGREN RD AND NATIONAL STREET.
- PLACE PERMANENT SIGNING ON PLANK, LINDGREN ROAD AND NATIONAL STREET.
- SWITCH TRAFFIC TO NEW LINDGREN ROAD.

TEMPORARY PAINT MARKINGS
 TEMPORARY PAINT WILL NOT BE ALLOWED ON THE FINAL WEARING SURFACE AND SHALL ONLY BE APPLIED ON BINDER COURSES.



FILE NAME = P:\CIBBEL - WEST Projects\2009\09-2009 Lindgren - Rd\Civil\Drawings\Sheet 01.dwg

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PLOT SCALE = 1"=50'	DRAWN - NDP	REVISED -
PLOT DATE = 10/27/2009	CHECKED - SBP	REVISED -
	DATE - 10/1/09	REVISED -

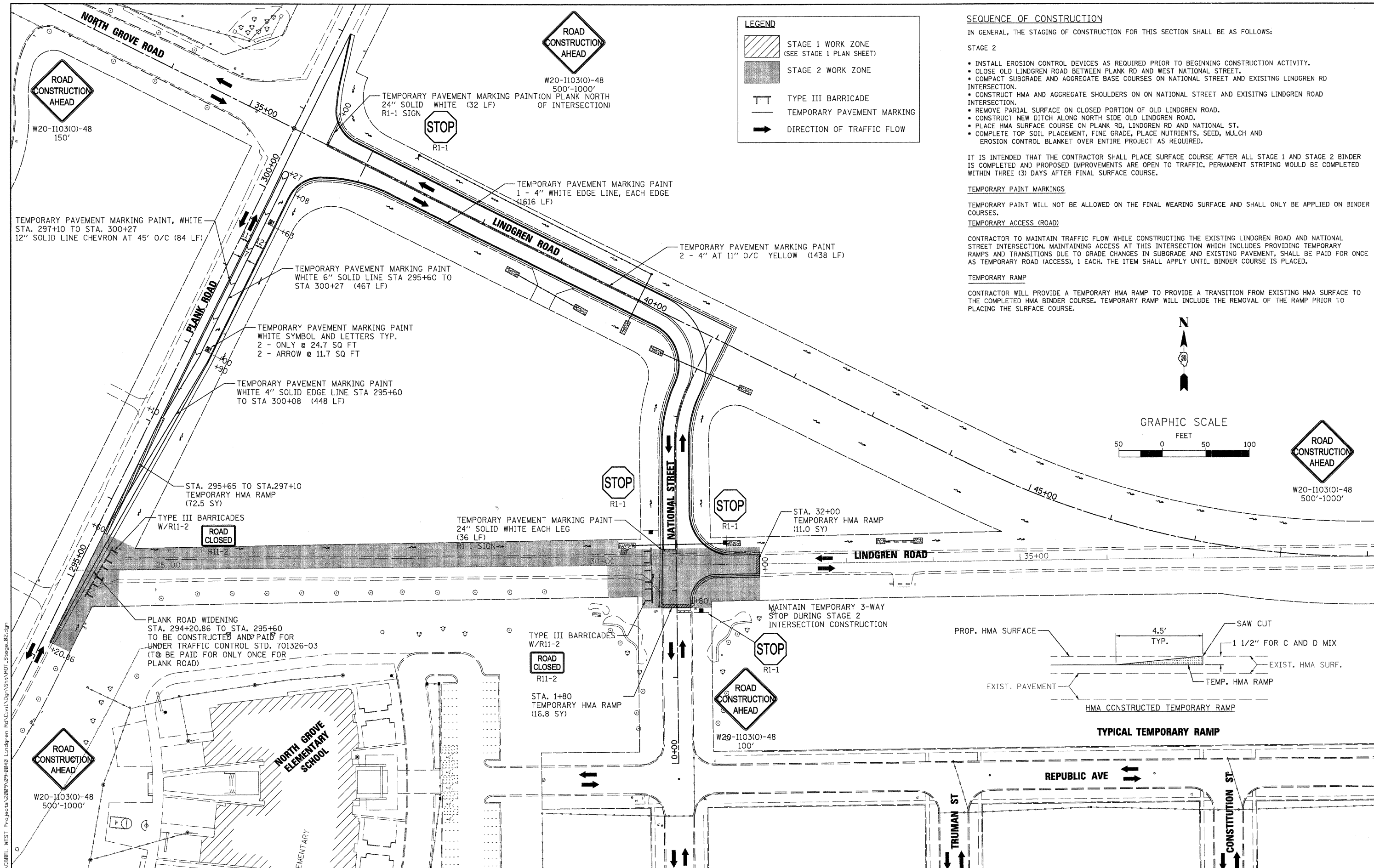
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN
 STAGE 1**

SCALE: 1"=50' SHEET NO. 29 OF 54 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	29
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT				

CONTRACT NO. 87406



LEGEND

- STAGE 1 WORK ZONE (SEE STAGE 1 PLAN SHEET)
- STAGE 2 WORK ZONE
- TYPE III BARRICADE
- TEMPORARY PAVEMENT MARKING
- DIRECTION OF TRAFFIC FLOW

SEQUENCE OF CONSTRUCTION

IN GENERAL, THE STAGING OF CONSTRUCTION FOR THIS SECTION SHALL BE AS FOLLOWS:

STAGE 2

- INSTALL EROSION CONTROL DEVICES AS REQUIRED PRIOR TO BEGINNING CONSTRUCTION ACTIVITY.
- CLOSE OLD LINDGREN ROAD BETWEEN PLANK RD AND WEST NATIONAL STREET.
- COMPACT SUBGRADE AND AGGREGATE BASE COURSES ON NATIONAL STREET AND EXISTING LINDGREN RD INTERSECTION.
- CONSTRUCT HMA AND AGGREGATE SHOULDERS ON NATIONAL STREET AND EXISTING LINDGREN ROAD INTERSECTION.
- REMOVE PARIAL SURFACE ON CLOSED PORTION OF OLD LINDGREN ROAD.
- CONSTRUCT NEW DITCH ALONG NORTH SIDE OLD LINDGREN ROAD.
- PLACE HMA SURFACE COURSE ON PLANK RD, LINDGREN RD AND NATIONAL ST.
- COMPLETE TOP SOIL PLACEMENT, FINE GRADE, PLACE NUTRIENTS, SEED, MULCH AND EROSION CONTROL BLANKET OVER ENTIRE PROJECT AS REQUIRED.

IT IS INTENDED THAT THE CONTRACTOR SHALL PLACE SURFACE COURSE AFTER ALL STAGE 1 AND STAGE 2 BINDER IS COMPLETED AND PROPOSED IMPROVEMENTS ARE OPEN TO TRAFFIC. PERMANENT STRIPING WOULD BE COMPLETED WITHIN THREE (3) DAYS AFTER FINAL SURFACE COURSE.

TEMPORARY PAINT MARKINGS

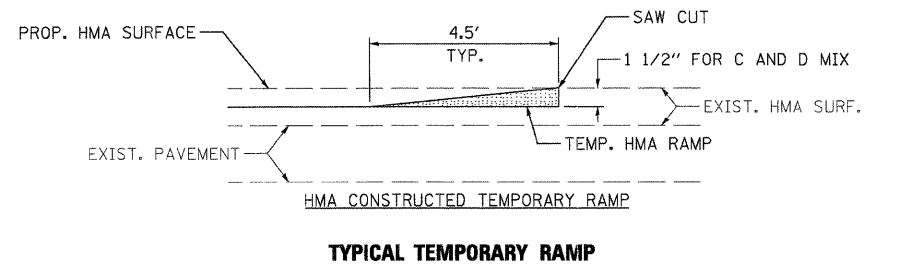
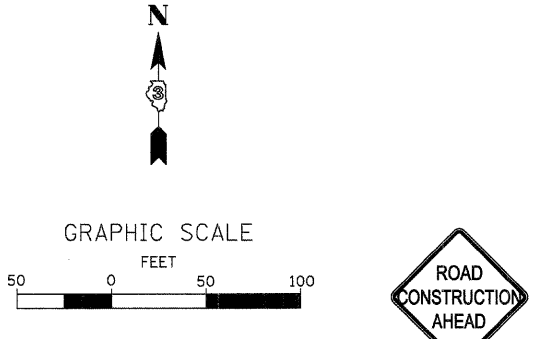
TEMPORARY PAINT WILL NOT BE ALLOWED ON THE FINAL WEARING SURFACE AND SHALL ONLY BE APPLIED ON BINDER COURSES.

TEMPORARY ACCESS (ROAD)

CONTRACTOR TO MAINTAIN TRAFFIC FLOW WHILE CONSTRUCTING THE EXISTING LINDGREN ROAD AND NATIONAL STREET INTERSECTION. MAINTAINING ACCESS AT THIS INTERSECTION WHICH INCLUDES PROVIDING TEMPORARY RAMPS AND TRANSITIONS DUE TO GRADE CHANGES IN SUBGRADE AND EXISTING PAVEMENT, SHALL BE PAID FOR ONCE AS TEMPORARY ROAD (ACCESS), 1 EACH. THE ITEM SHALL APPLY UNTIL BINDER COURSE IS PLACED.

TEMPORARY RAMP

CONTRACTOR WILL PROVIDE A TEMPORARY HMA RAMP TO PROVIDE A TRANSITION FROM EXISTING HMA SURFACE TO THE COMPLETED HMA BINDER COURSE. TEMPORARY RAMP WILL INCLUDE THE REMOVAL OF THE RAMP PRIOR TO PLACING THE SURFACE COURSE.



FILE NAME: P:\CIBBELL - WEST - Projects\22095\09-09-09 Lindgren - Rd\Civil\Drawings\W01 - Stage 02.dgn
 PROJECT: WEST - Projects\22095\09-09-09 Lindgren - Rd\Civil\Drawings\W01 - Stage 02.dgn

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(630) 443-7755

USER NAME = #USER#	DESIGNED - KMA	REVISED -
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PLOT DATE = 10/27/2009	CHECKED - SBP	REVISED -
	DATE - 10/1/09	REVISED -

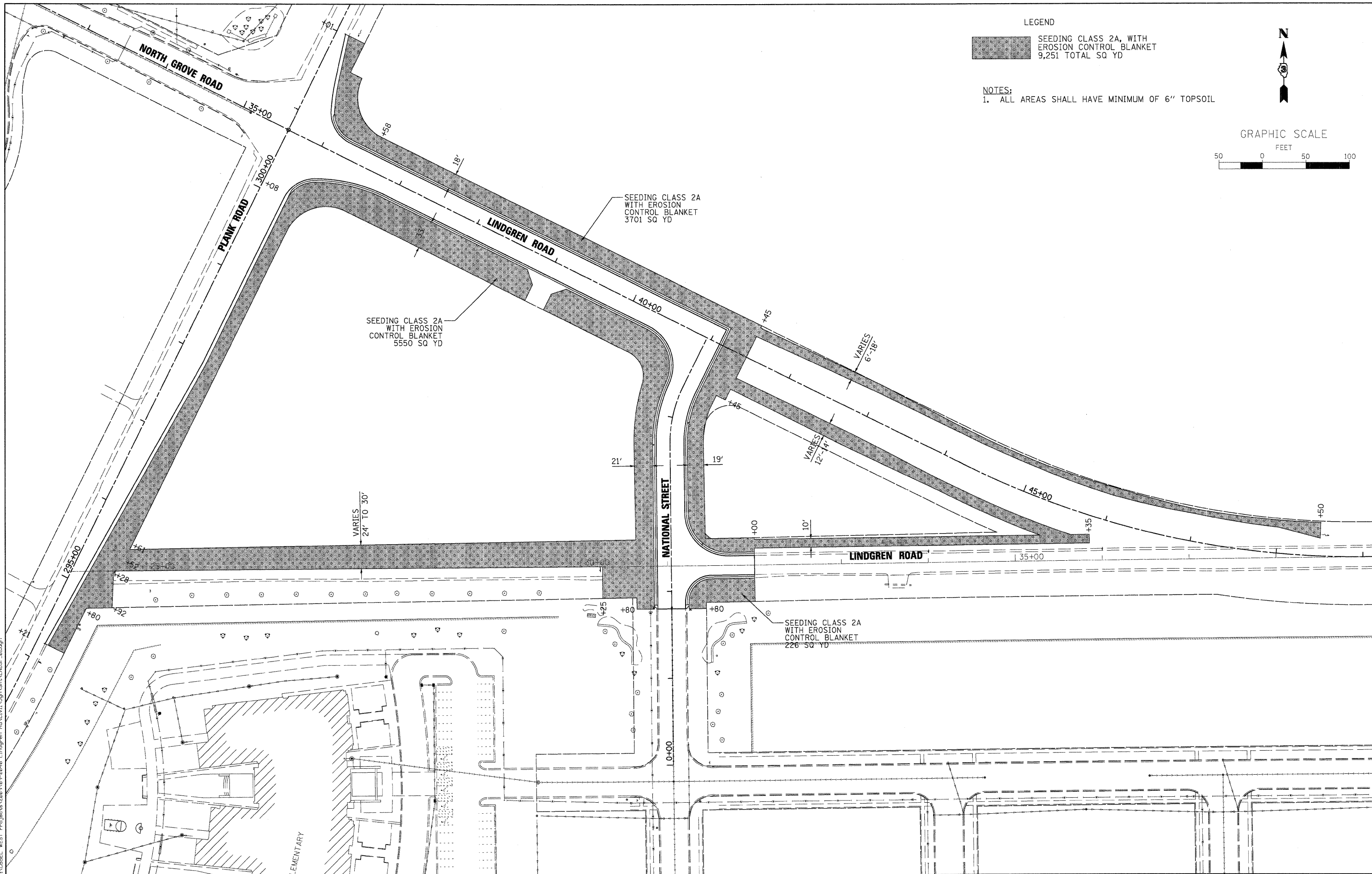
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLAN
STAGE 2

SCALE: 1"=50' SHEET NO. 30 OF 54 SHEETS STA. TO STA.

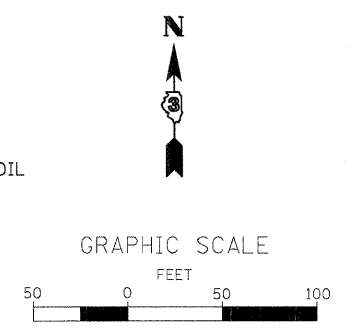
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	30
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT				

CONTRACT NO. 87406



LEGEND
 SEEDING CLASS 2A, WITH EROSION CONTROL BLANKET
 9,251 TOTAL SQ YD

NOTES:
 1. ALL AREAS SHALL HAVE MINIMUM OF 6" TOPSOIL



FILE NAME = P:\CIBBEL WEST Projects\2009\09-2010\Lindgren_Rd\Civil\Drawings\LANDSCAPING.dwg

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 (630) 443-7755

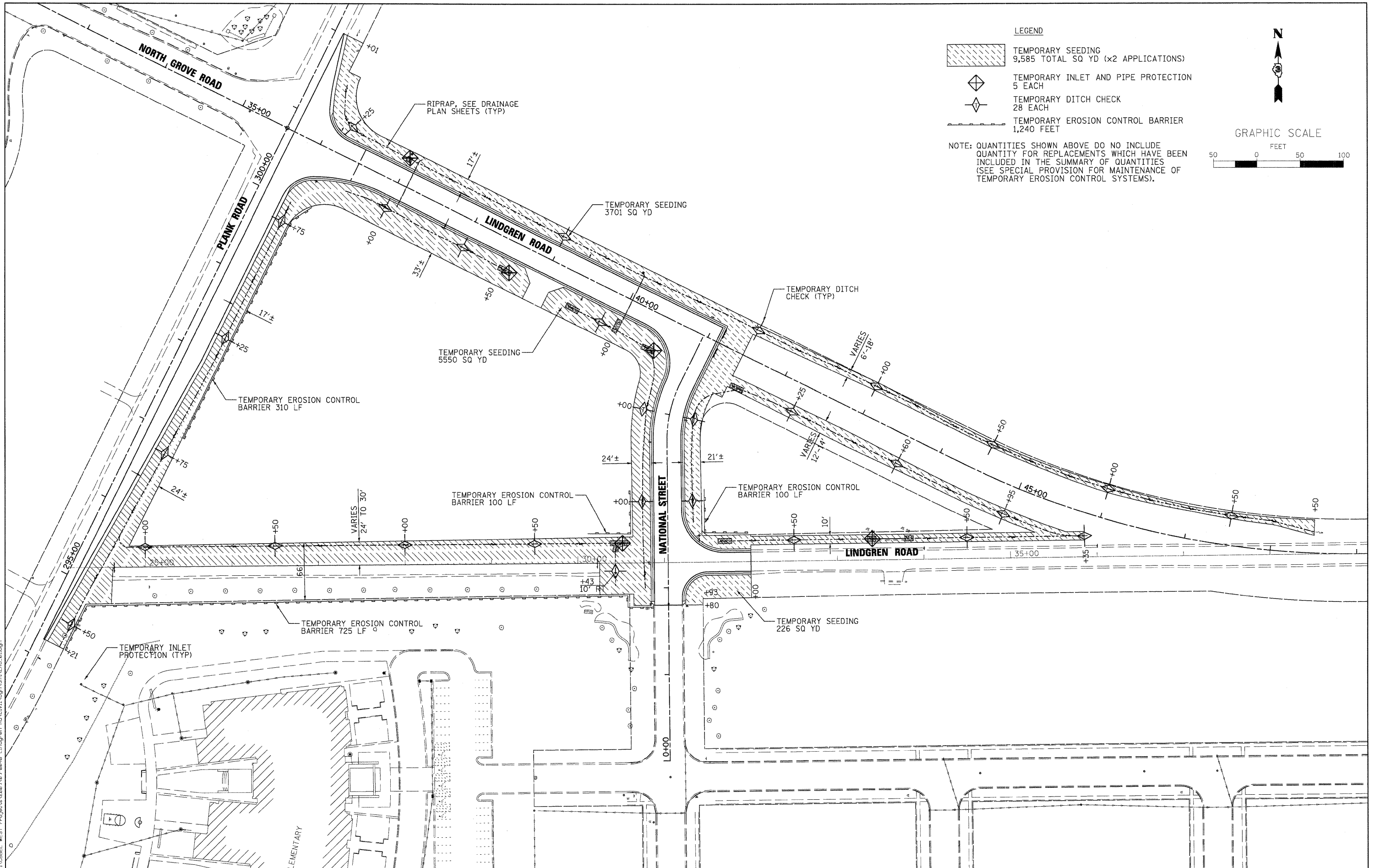
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	DATE - 10/1/09	REVISED -





**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LANDSCAPING PLAN

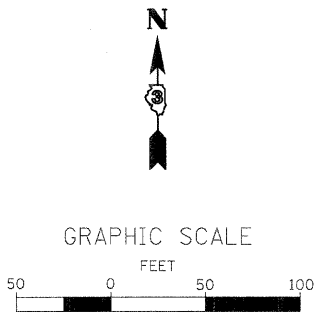
SCALE: 1"=100' SHEET NO. 31 OF 54 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	31
FED. ROAD DIST. NO. 3 [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 87406	



- LEGEND**
-  TEMPORARY SEEDING
9,585 TOTAL SQ YD (x2 APPLICATIONS)
 -  TEMPORARY INLET AND PIPE PROTECTION
5 EACH
 -  TEMPORARY DITCH CHECK
28 EACH
 -  TEMPORARY EROSION CONTROL BARRIER
1,240 FEET

NOTE: QUANTITIES SHOWN ABOVE DO NOT INCLUDE QUANTITY FOR REPLACEMENTS WHICH HAVE BEEN INCLUDED IN THE SUMMARY OF QUANTITIES (SEE SPECIAL PROVISION FOR MAINTENANCE OF TEMPORARY EROSION CONTROL SYSTEMS).



FILE NAME = P:\DBBEL WEST Projects\2009\09-2009 Lindgren Rd\Civil\Drawings\EROSION.dwg

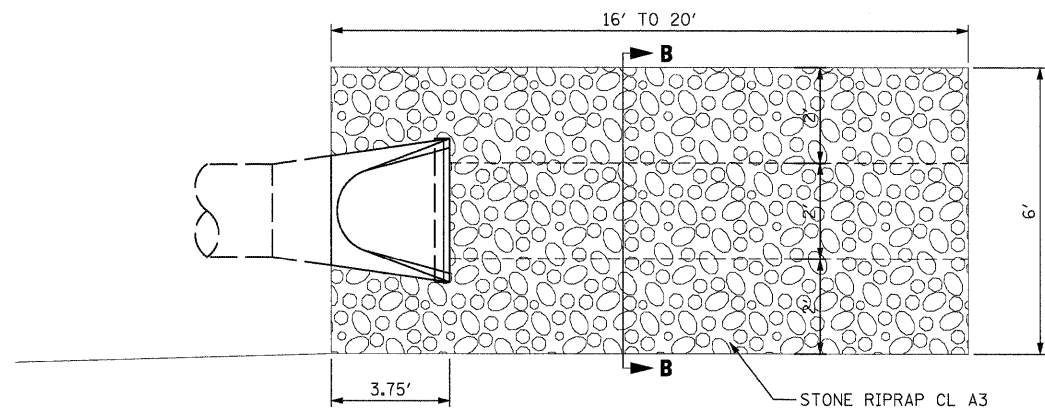
WILLS BURKE KELSEY ASSOCIATES LTD.
110 West Main Street, Suite 201
St. Charles, Illinois 60174
(630) 443-7755

USER NAME = #USER#	DESIGNED - KMA	REVISED -
PLOT SCALE = 1"=100'	DRAWN - NDP	REVISED -
PLOT DATE = 10/28/2009	CHECKED - SBP	REVISED -
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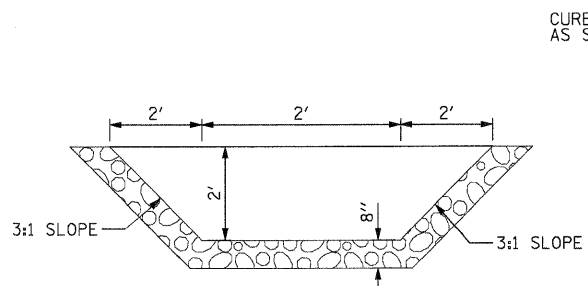
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLAN	
SCALE: 1"=100'	SHEET NO. 32 OF 54 SHEETS
STA.	TO STA.

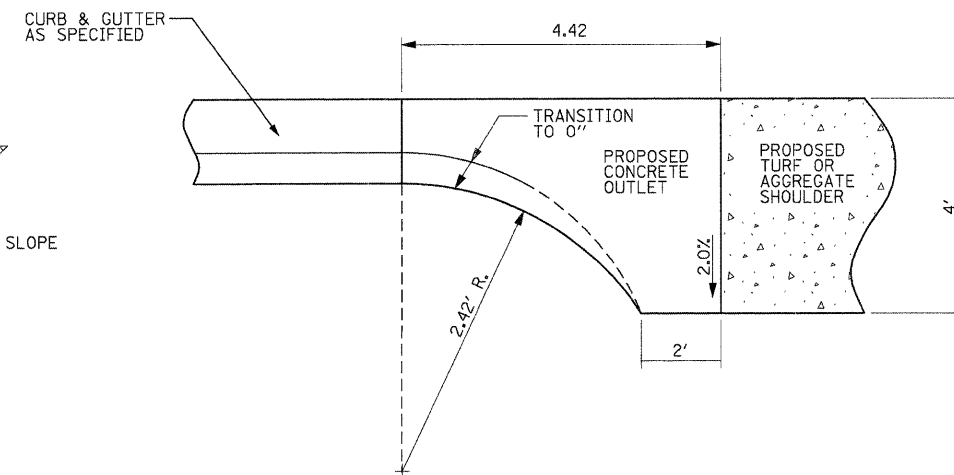
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	32
CONTRACT NO. 87406				
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT				



RIP RAP AT FLARED END SECTION

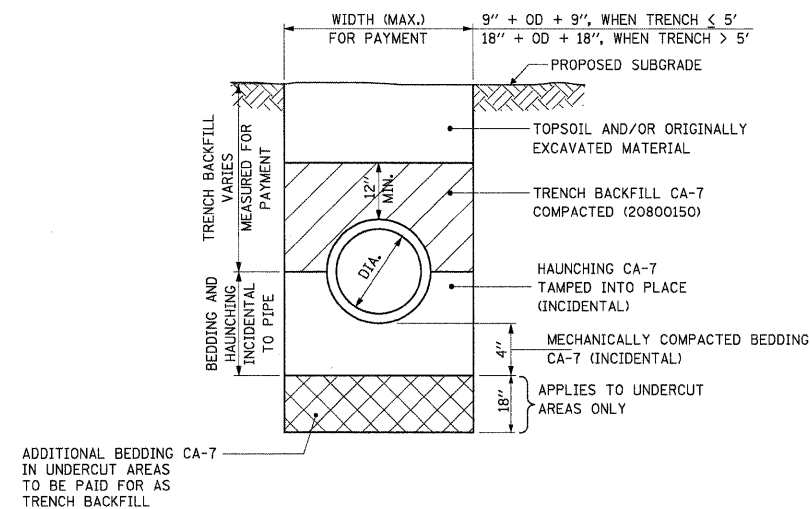


SECTION B-B

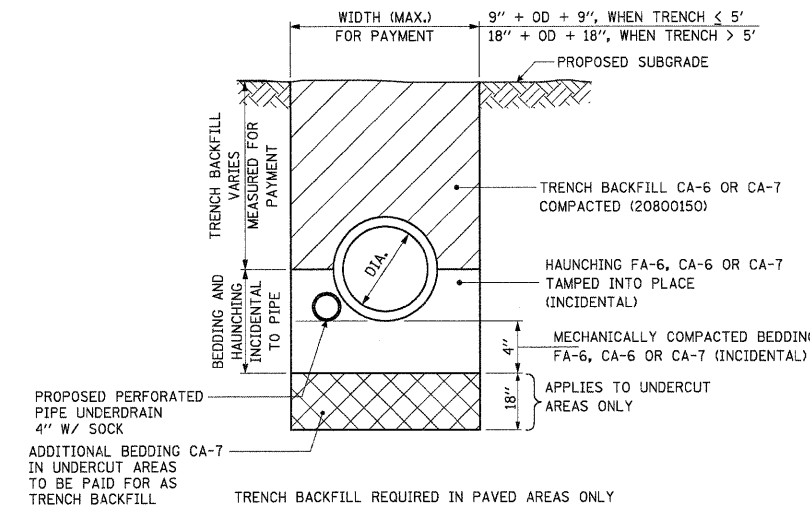
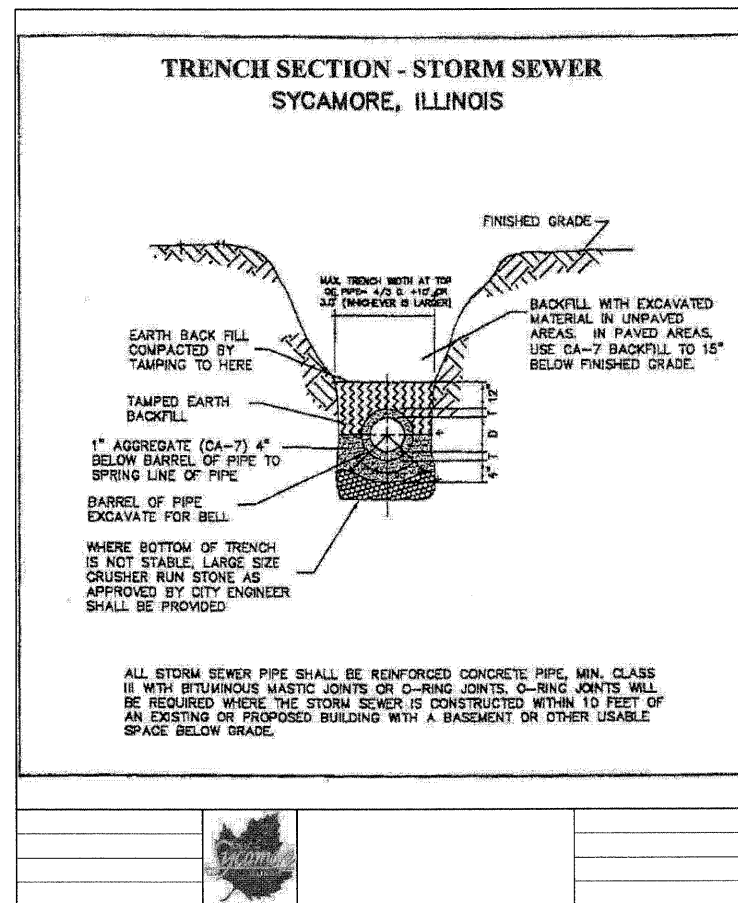


GUTTER OUTLET FOR B6.12 CURB AND GUTTER

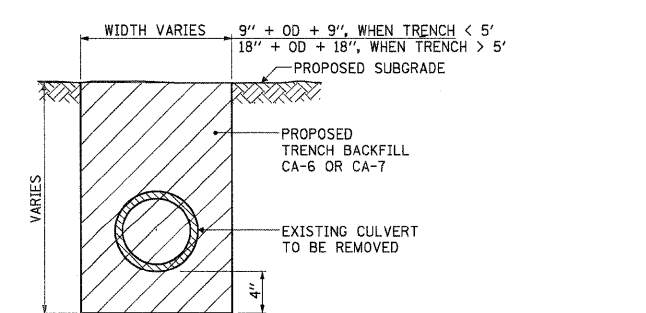
TO BE PAID AS LINEAL FEET OF THE CURB SPECIFIED



PROPOSED TRENCH - PVC CULVERT PIPE - PERFORATED DETAIL
SEE PLANS FOR UNDERDRAIN LOCATIONS



PROPOSED TRENCH - CULVERT PIPE WITH UNDERDRAIN DETAIL
SEE PLANS FOR UNDERDRAIN LOCATIONS



TRENCH BACKFILL - EXISTING CULVERT REMOVAL IN PAVED AREAS
TRENCH BACKFILL REQUIRED IN PAVED AREAS ONLY.
IN NON PAVED AREAS CONTRACTOR MAY REPLACE WITH ORIGINALLY EXCAVATED MATERIALS.

FILE NAME = P:\CBBEL - WEST Projects\22009-09-08-08 Lindgren_Rd\CA-1\Drawings\DWG\DWG.dgn

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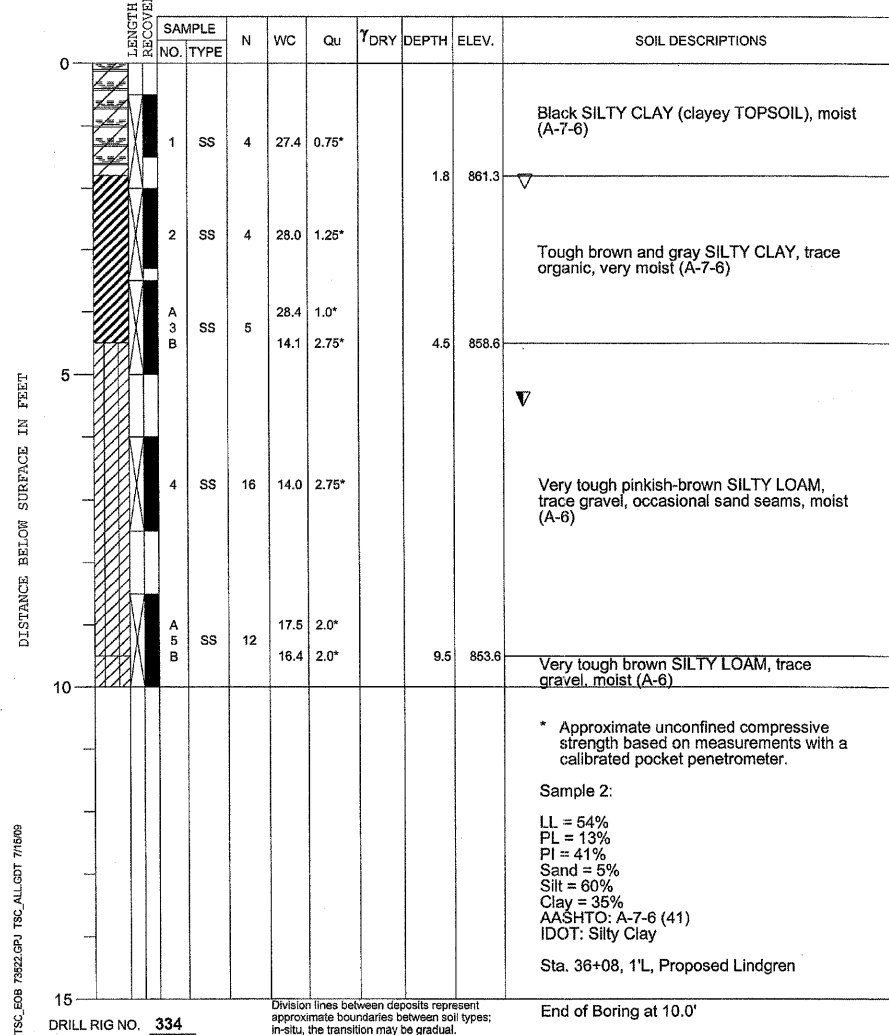
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	DATE - 10/1/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

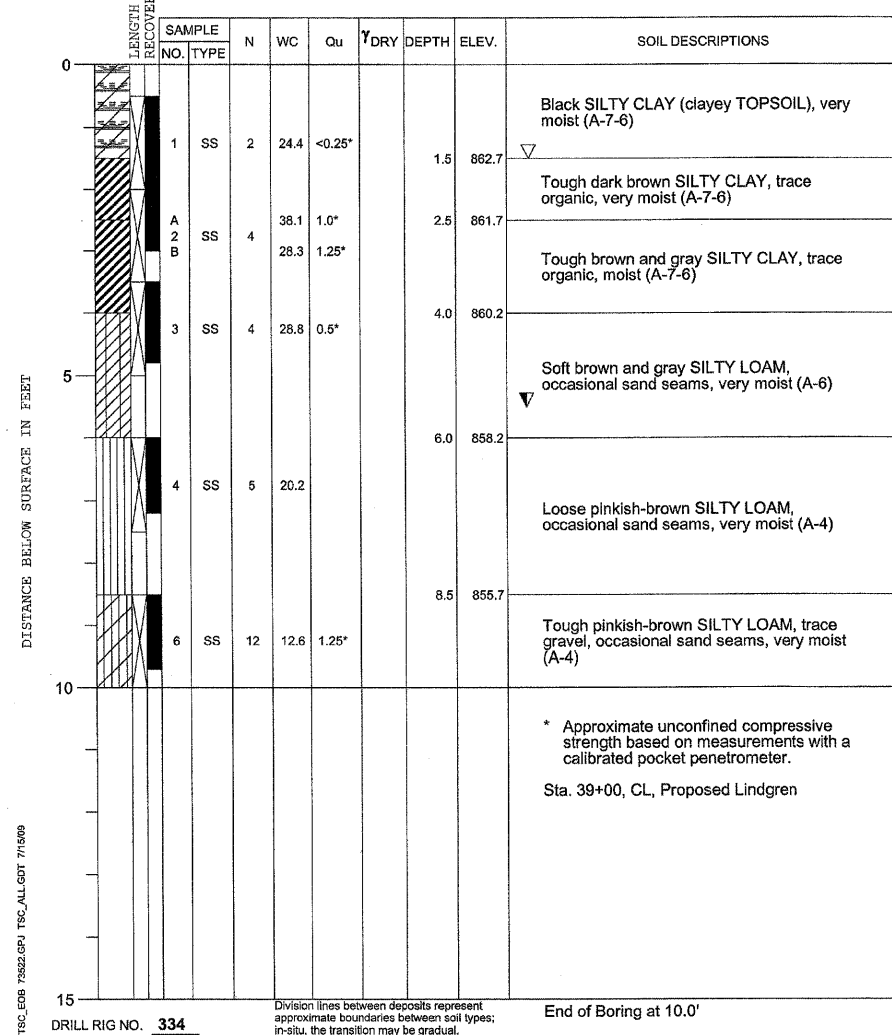
DETAILS GENERAL CONSTRUCTION	
SCALE: NONE	SHEET NO. 33 OF 54 SHEETS
STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	33
CONTRACT NO. 87406				
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT				

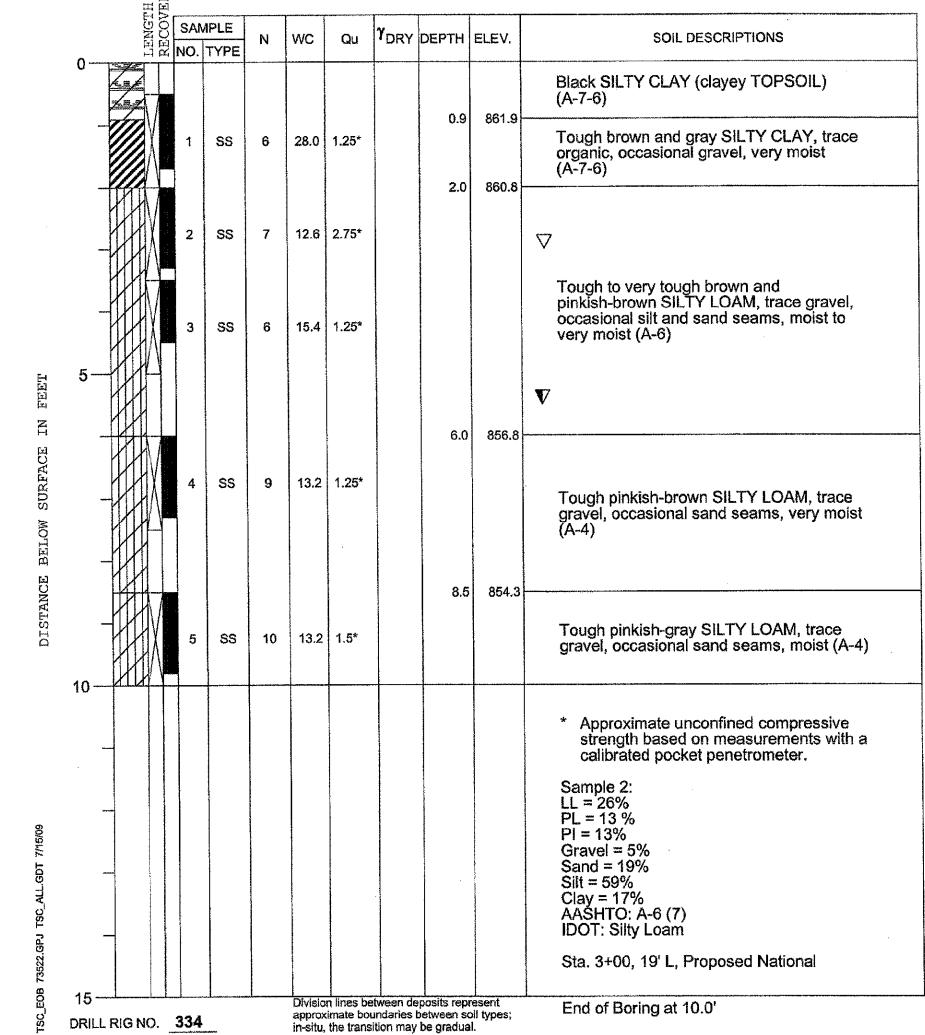
PROJECT **Lindgren Road Realignment, Sycamore, Illinois**
 CLIENT **Wills Burke Kelsey Associates, Ltd., St. Charles, Illinois**
 BORING **101** DATE STARTED **6-11-09** DATE COMPLETED **6-11-09** JOB **L-73,522**
 ELEVATIONS WATER LEVEL OBSERVATIONS
 GROUND SURFACE **863.1** WHILE DRILLING **5.5'**
 END OF BORING **853.1** AT END OF BORING **2.0'**
 24 HOURS



PROJECT **Lindgren Road Realignment, Sycamore, Illinois**
 CLIENT **Wills Burke Kelsey Associates, Ltd., St. Charles, Illinois**
 BORING **102** DATE STARTED **6-11-09** DATE COMPLETED **6-11-09** JOB **L-73,522**
 ELEVATIONS WATER LEVEL OBSERVATIONS
 GROUND SURFACE **864.2** WHILE DRILLING **5.5'**
 END OF BORING **854.2** AT END OF BORING **1.5'**
 24 HOURS



PROJECT **Lindgren Road Realignment, Sycamore, Illinois**
 CLIENT **Wills Burke Kelsey Associates, Ltd., St. Charles, Illinois**
 BORING **106** DATE STARTED **6-11-09** DATE COMPLETED **6-11-09** JOB **L-73,522**
 ELEVATIONS WATER LEVEL OBSERVATIONS
 GROUND SURFACE **862.8** WHILE DRILLING **5.5'**
 END OF BORING **852.8** AT END OF BORING **3.0'**
 24 HOURS



FILE NAME = P:\CIBBEL - WEST - Projects\2009\09-0040 Lindgren - Rd\CD\1\Drawings\SOIL BORING.dwg



USER NAME = \$USER\$	DESIGNED - KMA	REVISED -
PLOT SCALE = NONE	DRAWN - NDP	REVISED -
PLOT DATE = 10/26/2009	CHECKED - SBP	REVISED -
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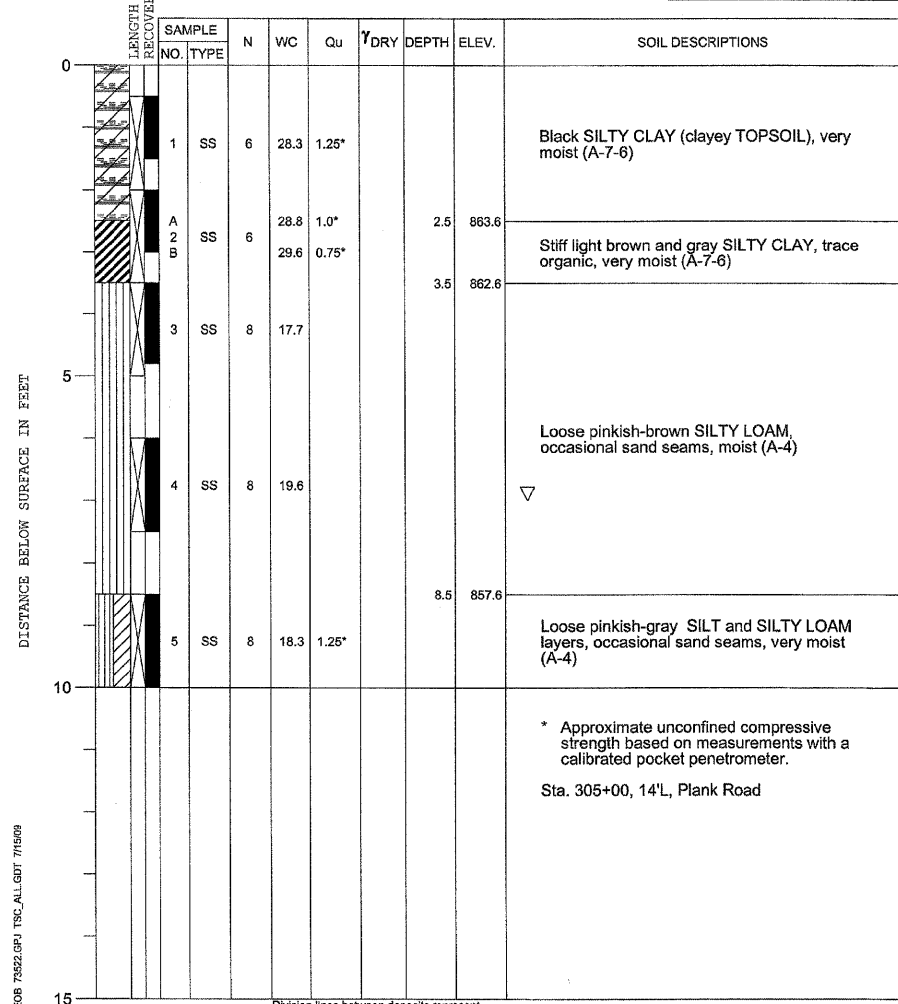
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SOIL BORING LOG

SCALE: NONE SHEET NO. 34 OF 54 SHEETS STA. TO STA.

F.A. - RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	34
FED. ROAD DIST. NO. 3 (ILLINOIS) FED. AID PROJECT			CONTRACT NO. 87406	

PROJECT Lindgren Road Realignment, Sycamore, Illinois
 CLIENT Wills Burke Kelsey Associates, Ltd., St. Charles, Illinois
 BORING 110 DATE STARTED 6-12-09 DATE COMPLETED 6-12-09 JOB L-73,522
 ELEVATIONS WATER LEVEL OBSERVATIONS
 GROUND SURFACE 866.1 WHILE DRILLING Dry
 END OF BORING 856.1 AT END OF BORING 7.0'
 24 HOURS



TSC JOB 73522.09U TSC ALL GDT 7/14/09
 DRILL RIG NO. 334 Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual. End of Boring at 10.0'

FILE NAME = P:\DBEEL WEST Projects\2009\09-0000 Lindgren Rd\Civil\Drawings\SOIL BORING.03.dgn

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USER NAME = #USER#	DESIGNED - KMA	REVISED -
PLOT SCALE = NONE	DRAWN - NDP	REVISED -
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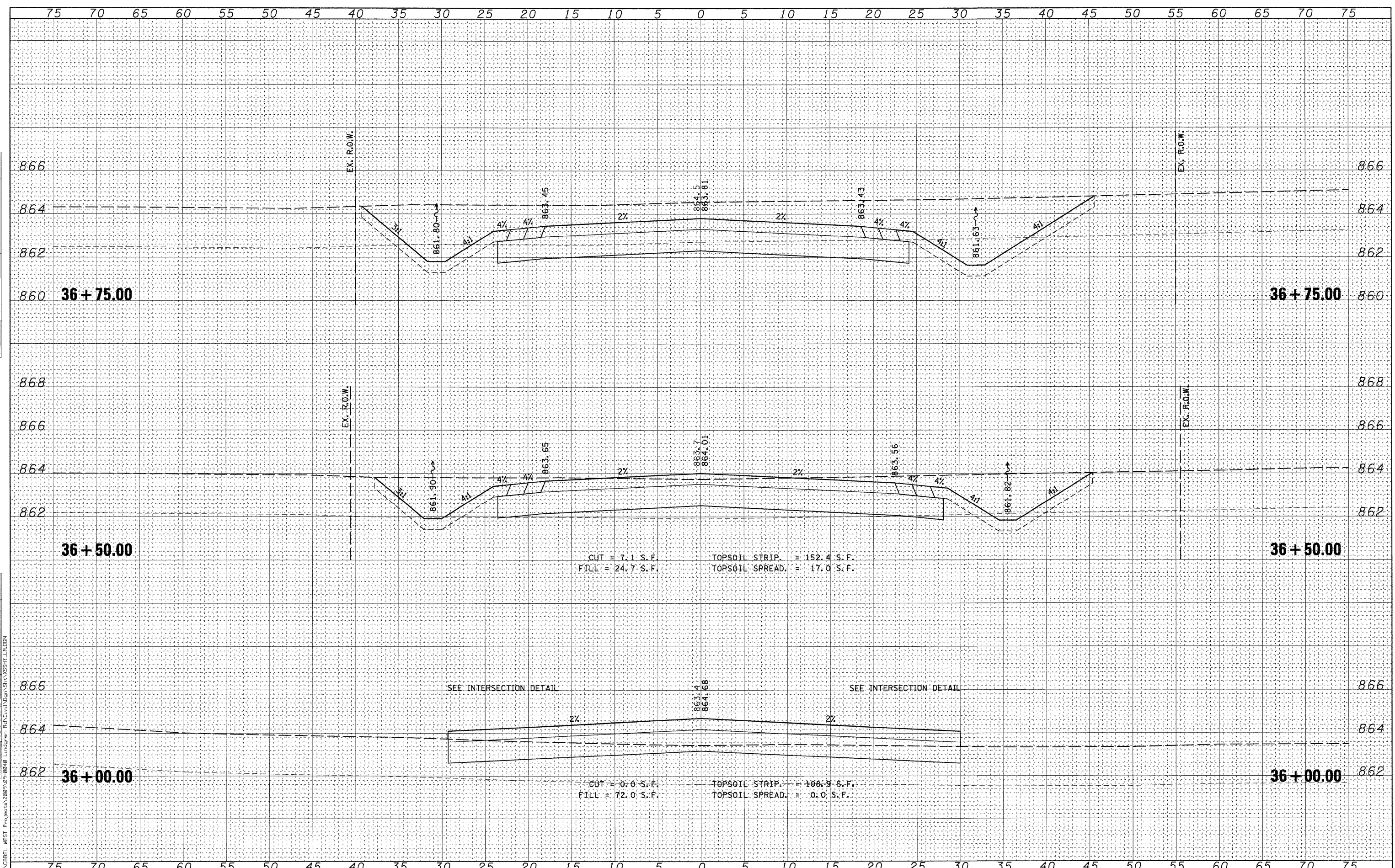
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SOIL BORING LOG	
SCALE: NONE	SHEET NO. 36 OF 54 SHEETS
STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	36
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT			CONTRACT NO. 87406	

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

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



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USER NAME = #USER#	DESIGNED - KMA	REVISED -
DRAWN - NDP	REVISED -	
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DATE - 10/1/09	REVISED -	

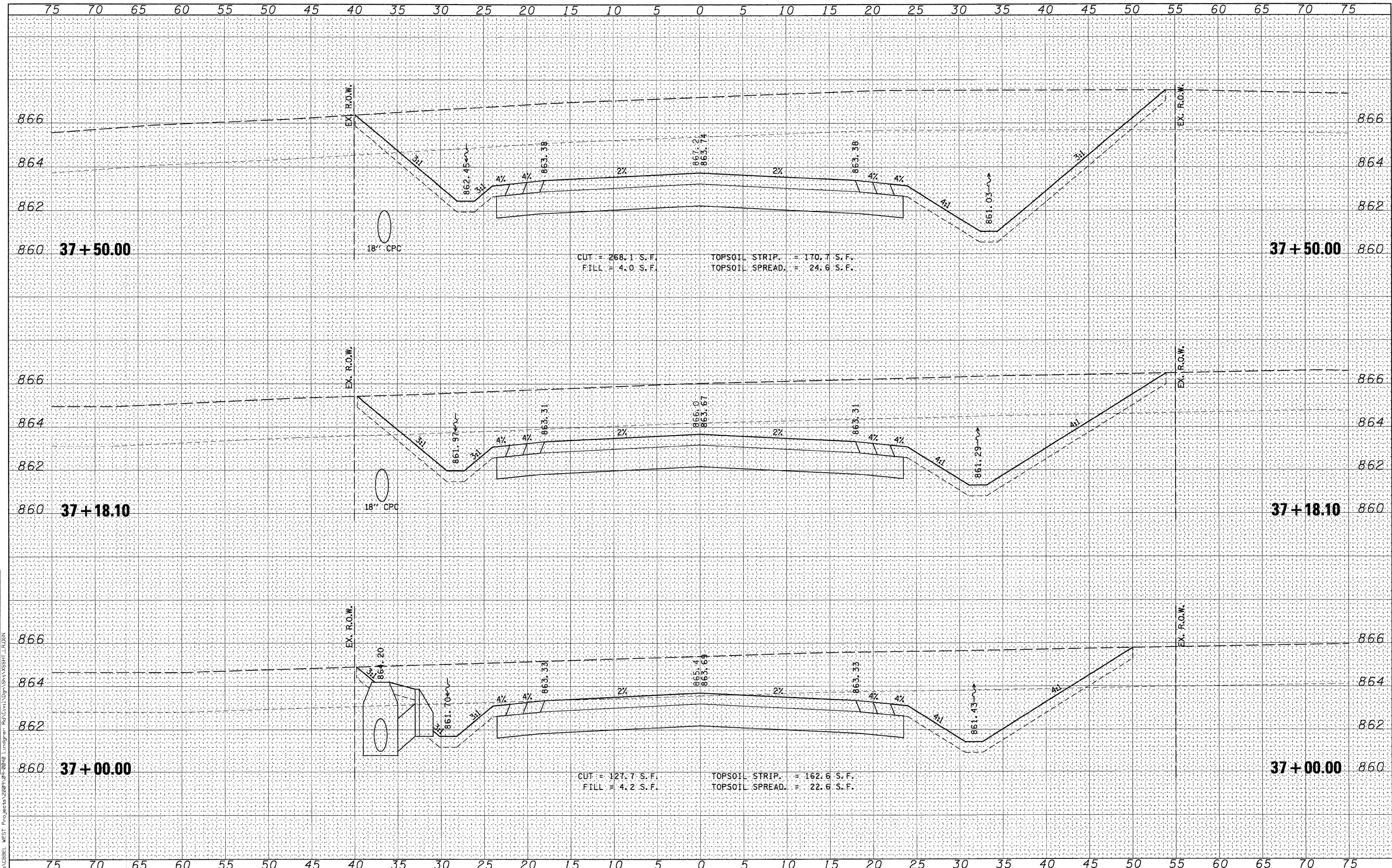
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS LINDGREN ROAD	
SCALE: H:1"=5', V:1"=2'	SHEET NO. OF 54 SHEETS
STA. 36+00.00	TO STA. 36+75.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	37
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT			CONTRACT NO. 87406	

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BY	
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	



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USER NAME = \$USER\$	DESIGNED - KMA	REVISED -
	DRAWN - NDP	REVISED -
PLOT SCALE = H:1"=5', V:1"=2'	CHECKED - SBP	REVISED -
PLOT DATE = 10/27/2009	DATE - 10/1/09	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

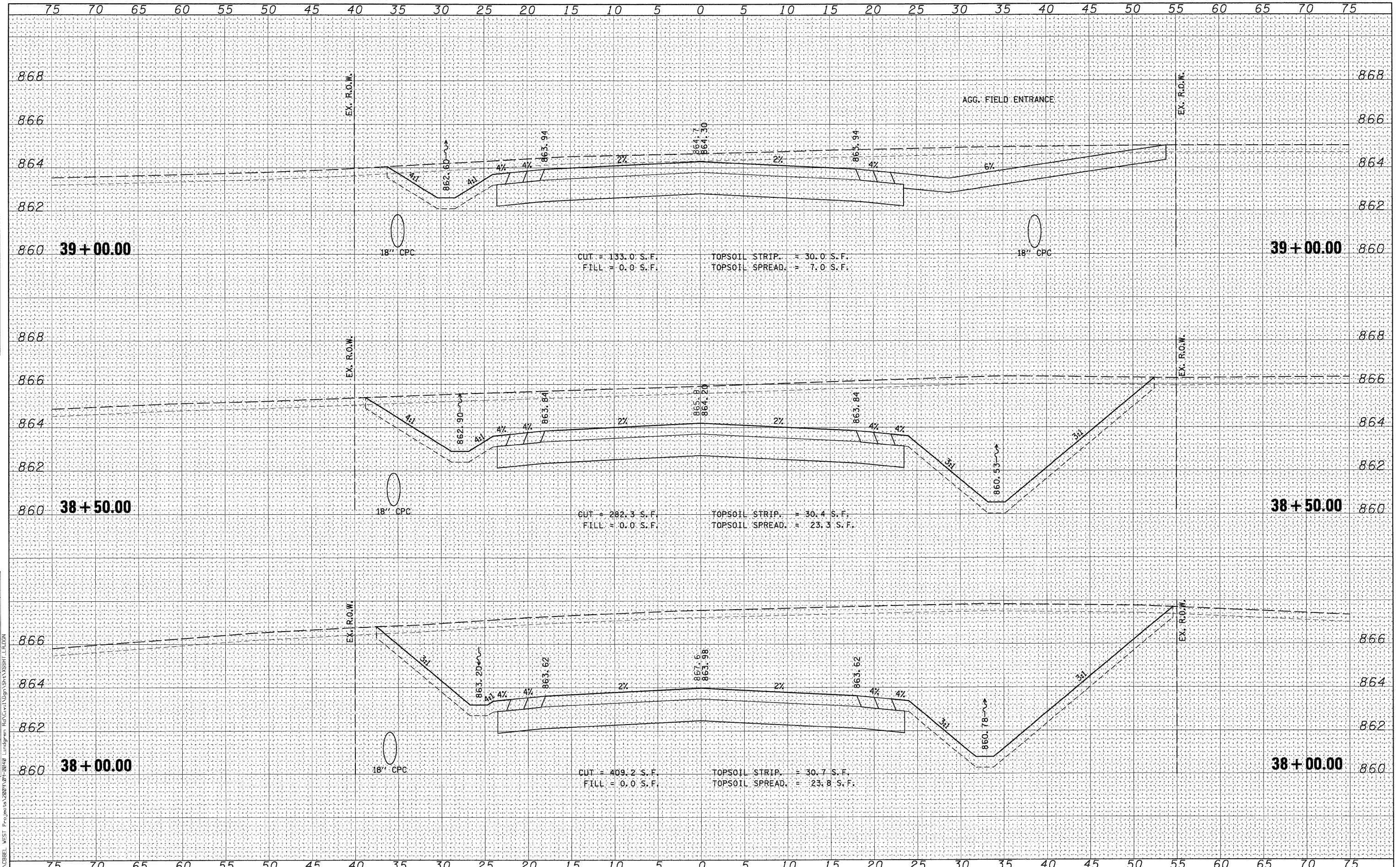
**CROSS SECTIONS
 LINDGREN ROAD**

SCALE: H:1"=5', V:1"=2' SHEET NO. OF 54 SHEETS STA. 37+00.00 TO STA. 37+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	38
CONTRACT NO. 87406				
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	



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 St. Charles, Illinois 60174
 (630) 443-7766

USER NAME =	USER
DESIGNED -	KMA
DRAWN -	NDP
CHECKED -	SBP
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REVISIONS	
REVISED -	
REVISED -	
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

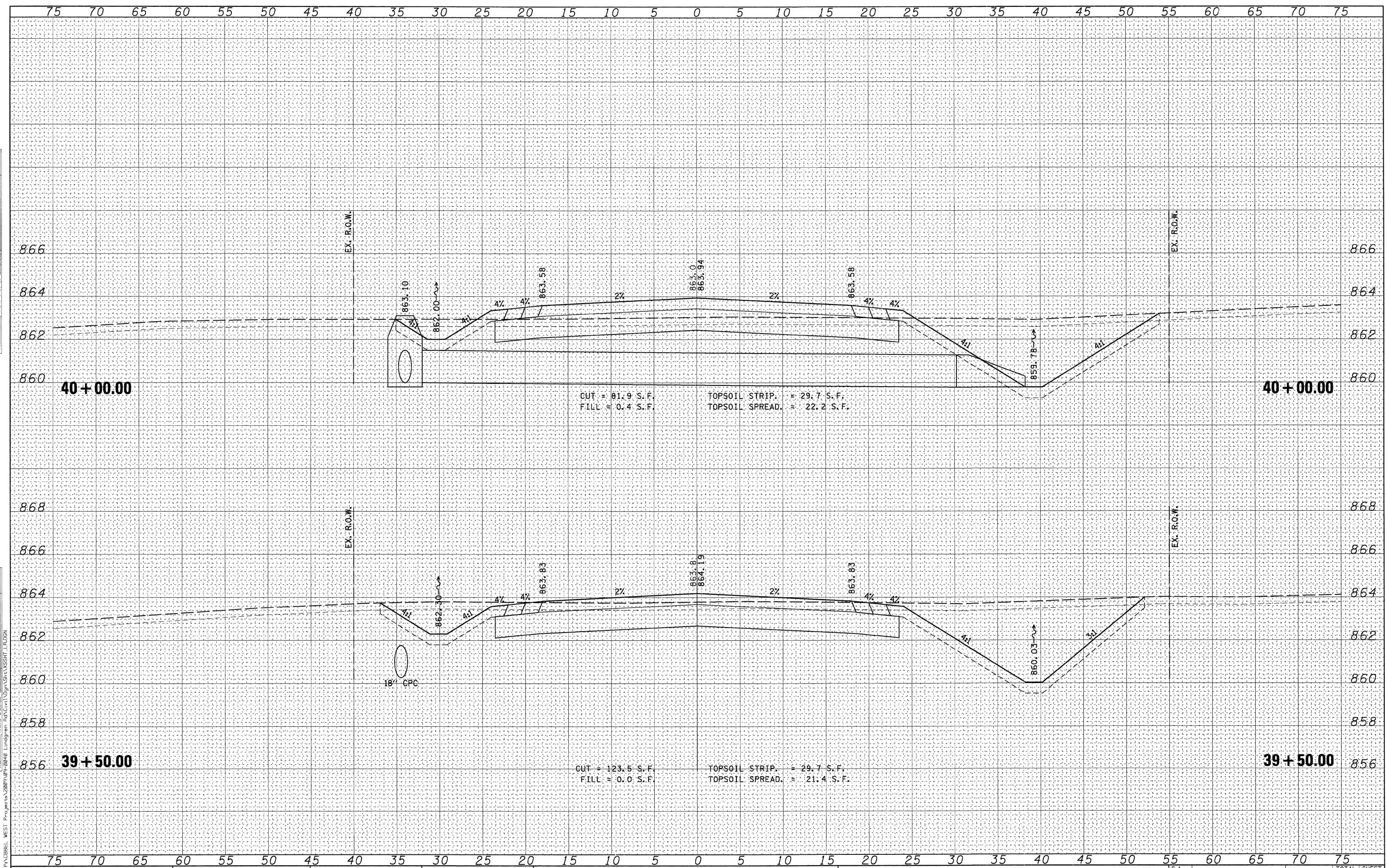
**CROSS SECTIONS
 LINDGREN ROAD**

SCALE: H:1"=5', V:1"=2' SHEET NO. OF 54 SHEETS STA. 38+00.00 TO STA. 39+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	39
CONTRACT NO. 87406				
FED. ROAD DIST. NO. 3 [ILLINOIS] FED. AID PROJECT				

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

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



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 St. Charles, Illinois 60174
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USER NAME = #USER#	DESIGNED - KMA	REVISED -
PLOT SCALE = H1"=5', V1"=2'	DRAWN - NDP	REVISED -
PLOT DATE = 10/27/2009	CHECKED - SBP	REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 LINDGREN ROAD**

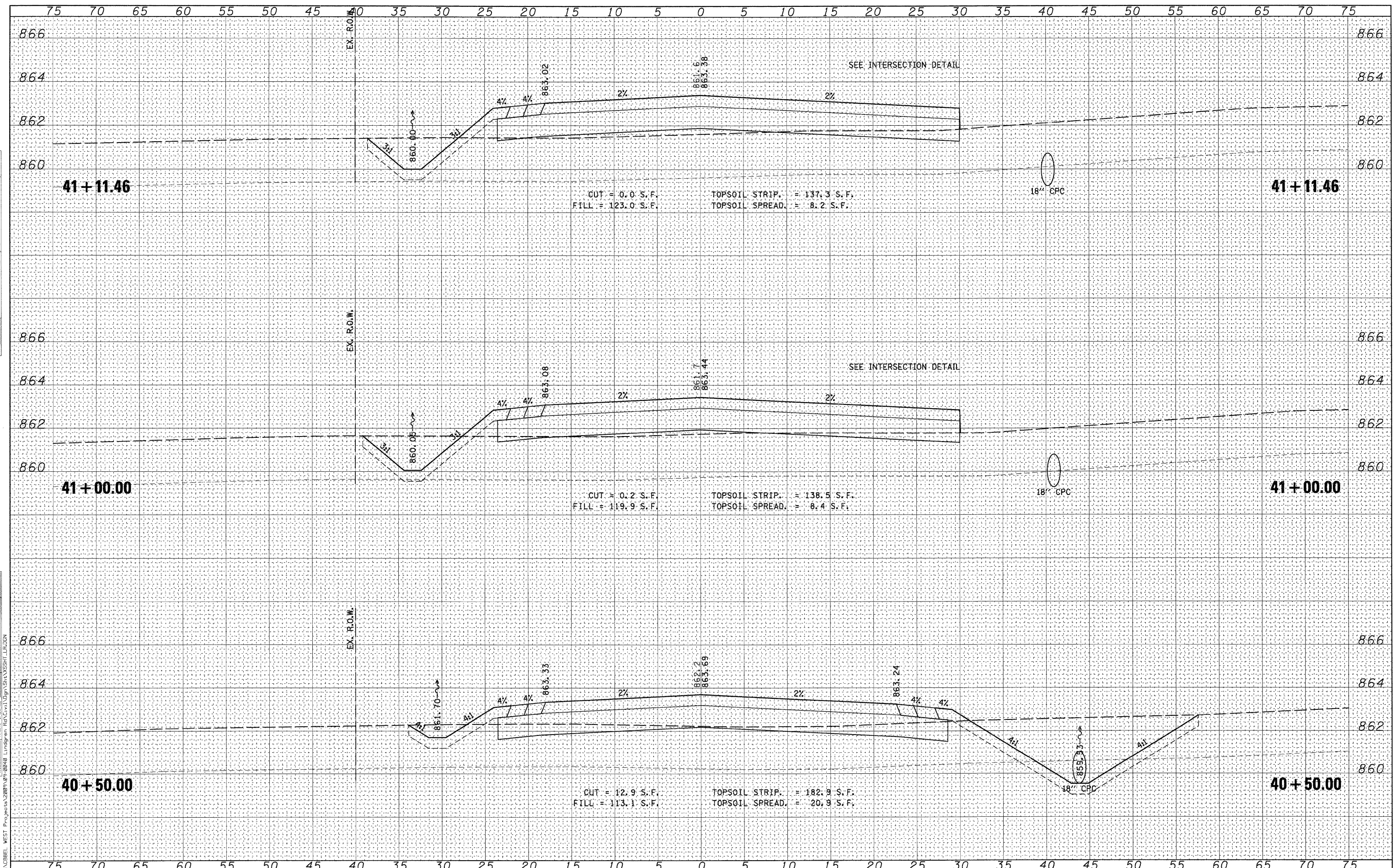
SCALE: H1"=5', V1"=2' SHEET NO. OF 54 SHEETS STA. 39+50.00 TO STA. 40+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	40
CONTRACT NO. 87406				
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT				

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DATE	
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SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	



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USER NAME = \$USER\$	DESIGNED - KMA	REVISED -
	DRAWN - NDP	REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

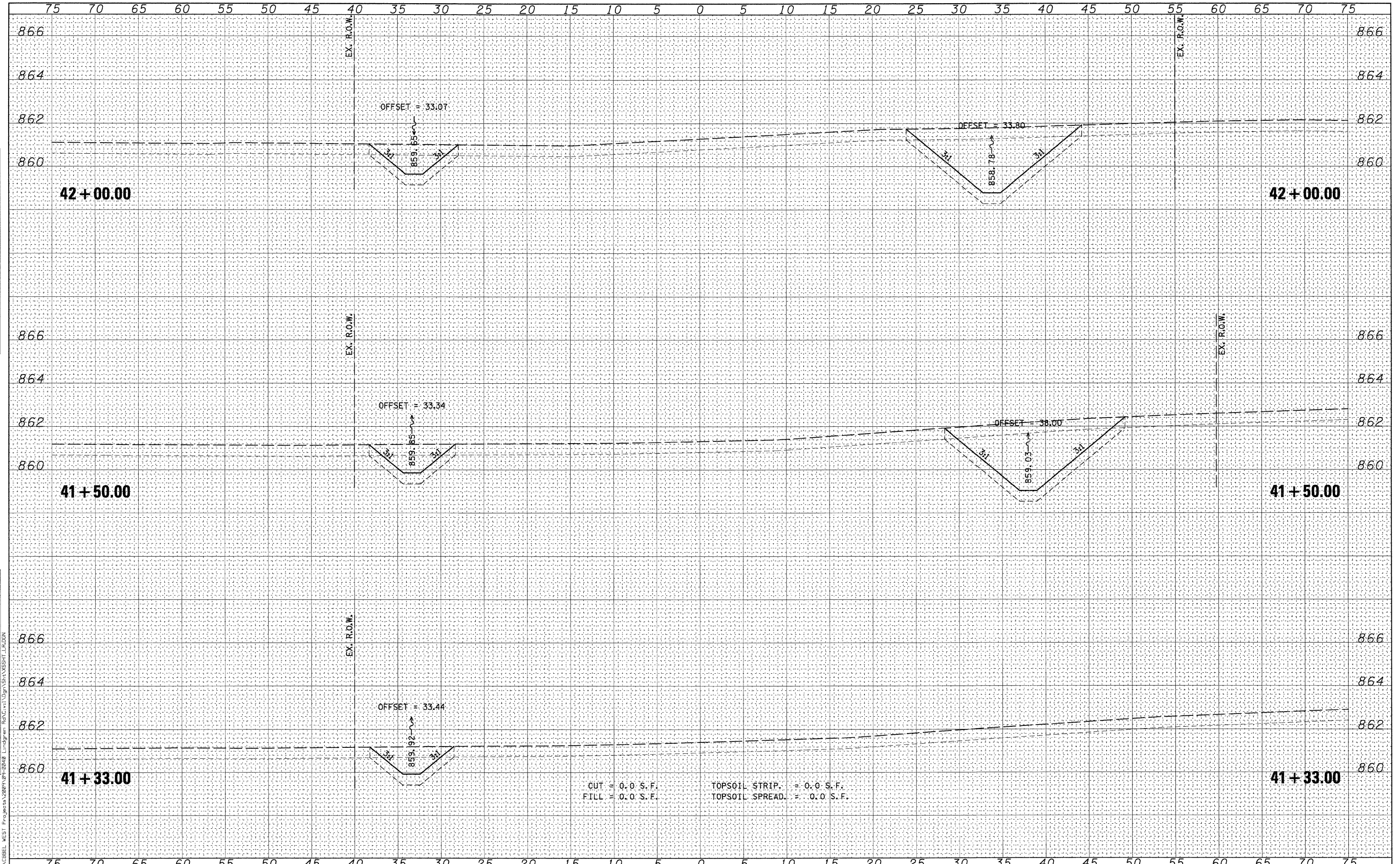
CROSS SECTIONS LINDGREN ROAD	
SCALE: H1"=5', V1"=2'	SHEET NO. OF 54 SHEETS
STA. 40+50.00 TO STA. 41+11.46	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	41
				CONTRACT NO. 87406
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT				

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

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CUT = 0.0 S.F.
 FILL = 0.0 S.F.
 TOPSOIL STRIP. = 0.0 S.F.
 TOPSOIL SPREAD. = 0.0 S.F.

WBS **WILLS BURKE KELSEY ASSOCIATES LTD.**
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USER NAME =	USER#	DESIGNED -	KMA	REVISED -	
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

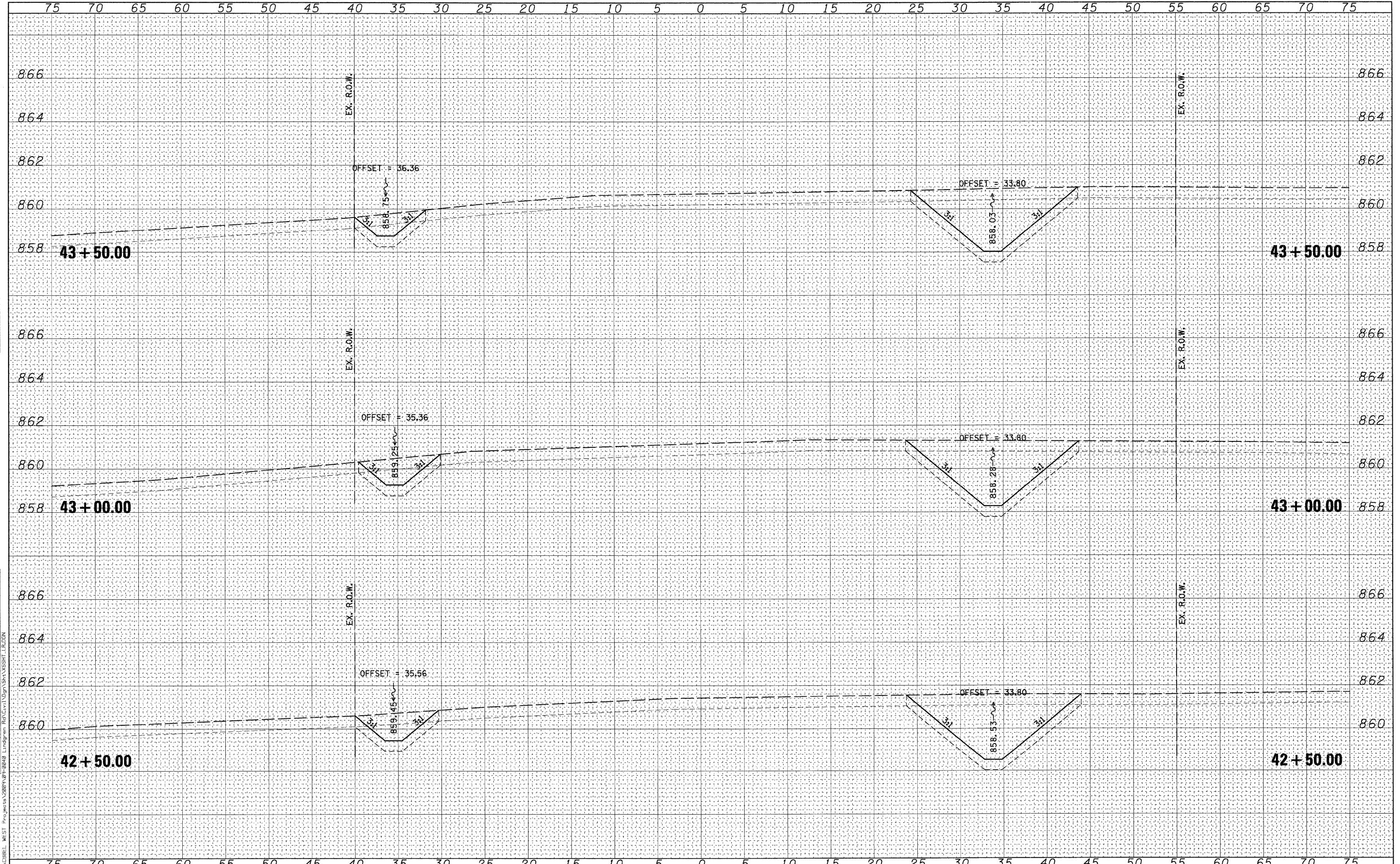
CROSS SECTIONS	
LINDGREN ROAD	
SCALE: H:1"=5', V:1"=2'	SHEET NO. OF 54 SHEETS
STA. 41+33.00	TO STA. 42+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	42
FED. ROAD DIST. NO. 3				ILLINOIS FED. AID PROJECT
CONTRACT NO. 87406				

FINAL SURVEY	DATE
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PLOTTED	
NOTE BOOK	
AREAS CHECKED	
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ORIGINAL SURVEY	DATE
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PLOTTED	
NOTE BOOK	
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USER NAME = #USER#	DESIGNED - KMA	REVISED -
PLOT SCALE = H:1"=5', V:1"=2'	DRAWN - NDP	REVISED -
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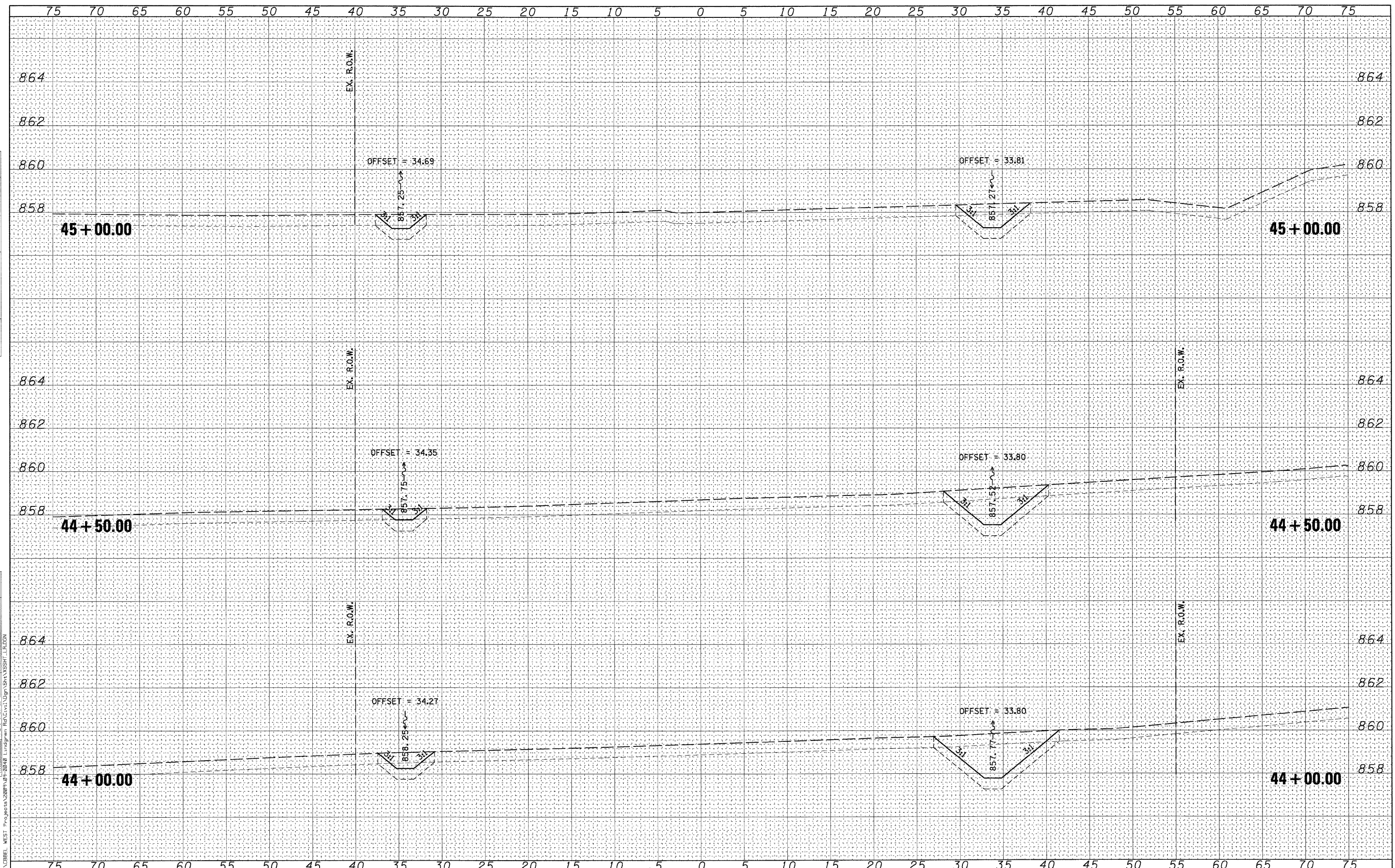
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS	
LINDGREN ROAD	
SCALE: H:1"=5', V:1"=2'	SHEET NO. OF 54 SHEETS
STA. 42+50.00	TO STA. 43+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	43
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 87406				

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



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USER NAME = \$USERS	DESIGNED - KMA	REVISED -
PLOT SCALE = H:1"=5', V:1"=2'	DRAWN - NDP	REVISED -
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	DATE - 10/1/09	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

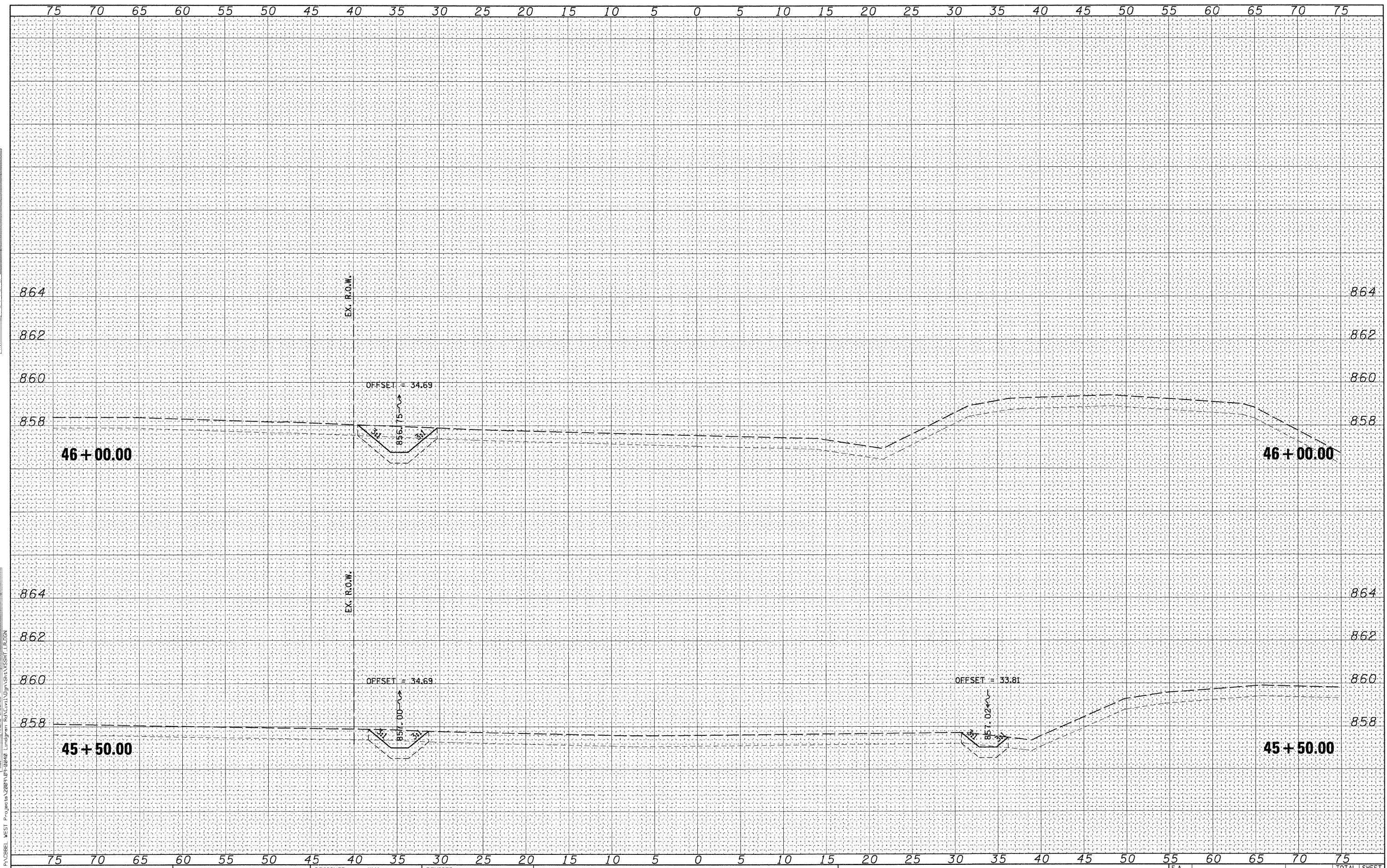
**CROSS SECTIONS
 LINDGREN ROAD**

SCALE: H:1"=5', V:1"=2' SHEET NO. OF 54 SHEETS STA. 44+00.00 TO STA. 45+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	44
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT			CONTRACT NO. 87406	

DATE	
BY	
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SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
NOTE BOOK	
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FILE NAME = P:\CIBEL WEST Projects\2009\09-0068 Lindgren Rd\G:\1\Drawings\SSHT\LDGN
WBK WILLS BURKE KELSEY ASSOCIATES LTD.
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 St. Charles, Illinois 60174
 (630) 443-7755

USER NAME = #USER#	DESIGNED - KMA	REVISED -
PLOT SCALE = H:1"=5', V:1"=2'	DRAWN - NDP	REVISED -
PLOT DATE = 10/27/2009	CHECKED - SBP	REVISED -
	DATE - 10/1/09	REVISED -

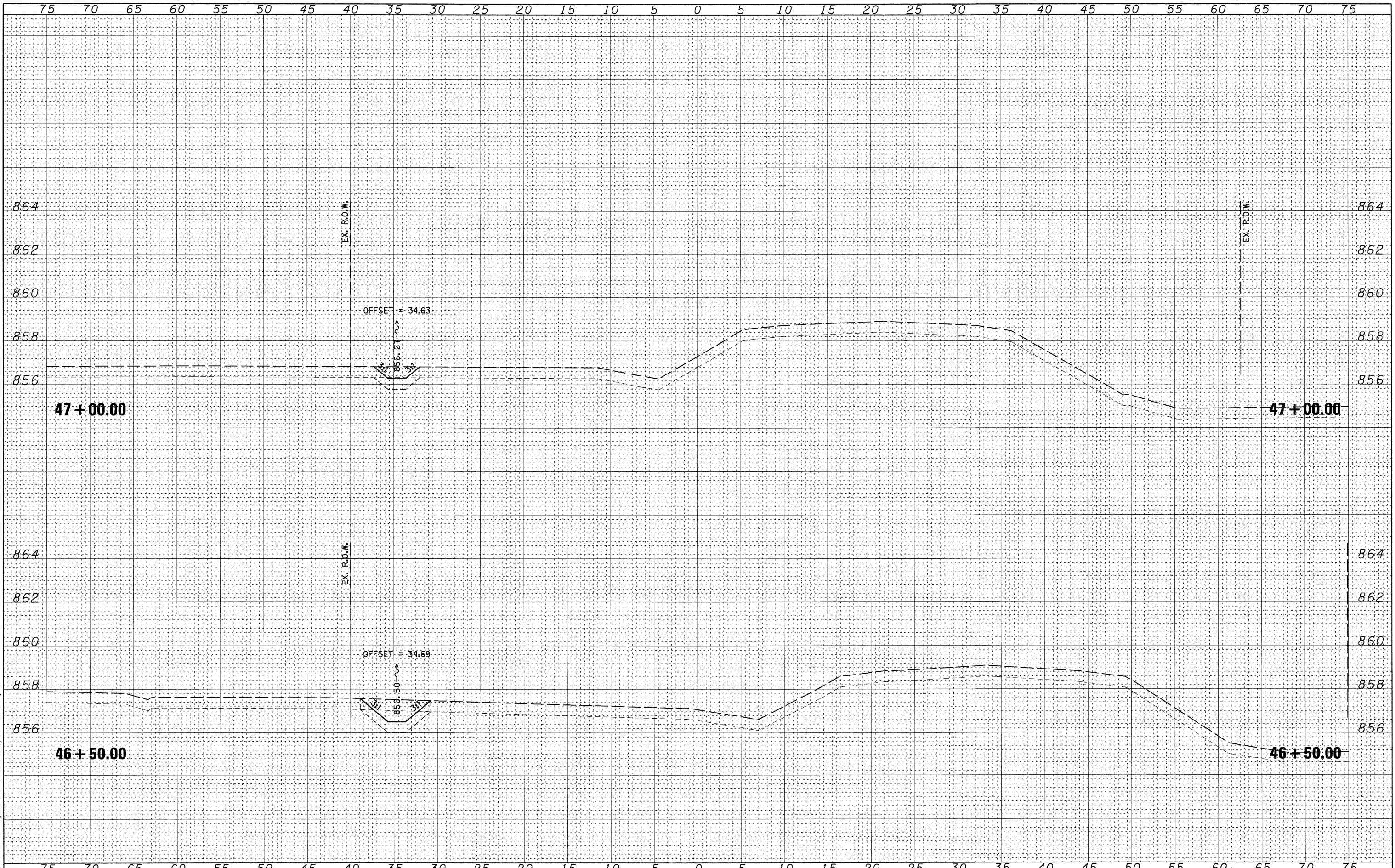
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS LINDGREN ROAD	
SCALE: H:1"=5', V:1"=2'	SHEET NO. OF 54 SHEETS
STA. 45+50.00 TO STA. 46+00.00	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	45
CONTRACT NO. 87406				
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT				

BY	DATE
SURVEYED	
PLOTTED	
DATE	
AREAS	
CHECKED	
NO.	

BY	DATE
ORIGINAL	
SURVEY	
PLOTTED	
DATE	
AREAS	
CHECKED	
NO.	



FILE NAME = P:\CBBEL WEST Projects\2009\09-20240 Lindgren Rd\Cvt1\Dgn\Sht\XSBHT_LR.DGN

WILLS BURKE KELSEY ASSOCIATES LTD.
 110 West Main Street, Suite 201
 St. Charles, Illinois 60174
 (830) 443-7755

USER NAME = #USER#	DESIGNED - KMA	REVISED -
PLOT SCALE = H:1"=5',V:1"=2'	DRAWN - NDP	REVISED -
PLOT DATE = 10/27/2009	CHECKED - SBP	REVISED -
	DATE - 10/1/09	REVISED -

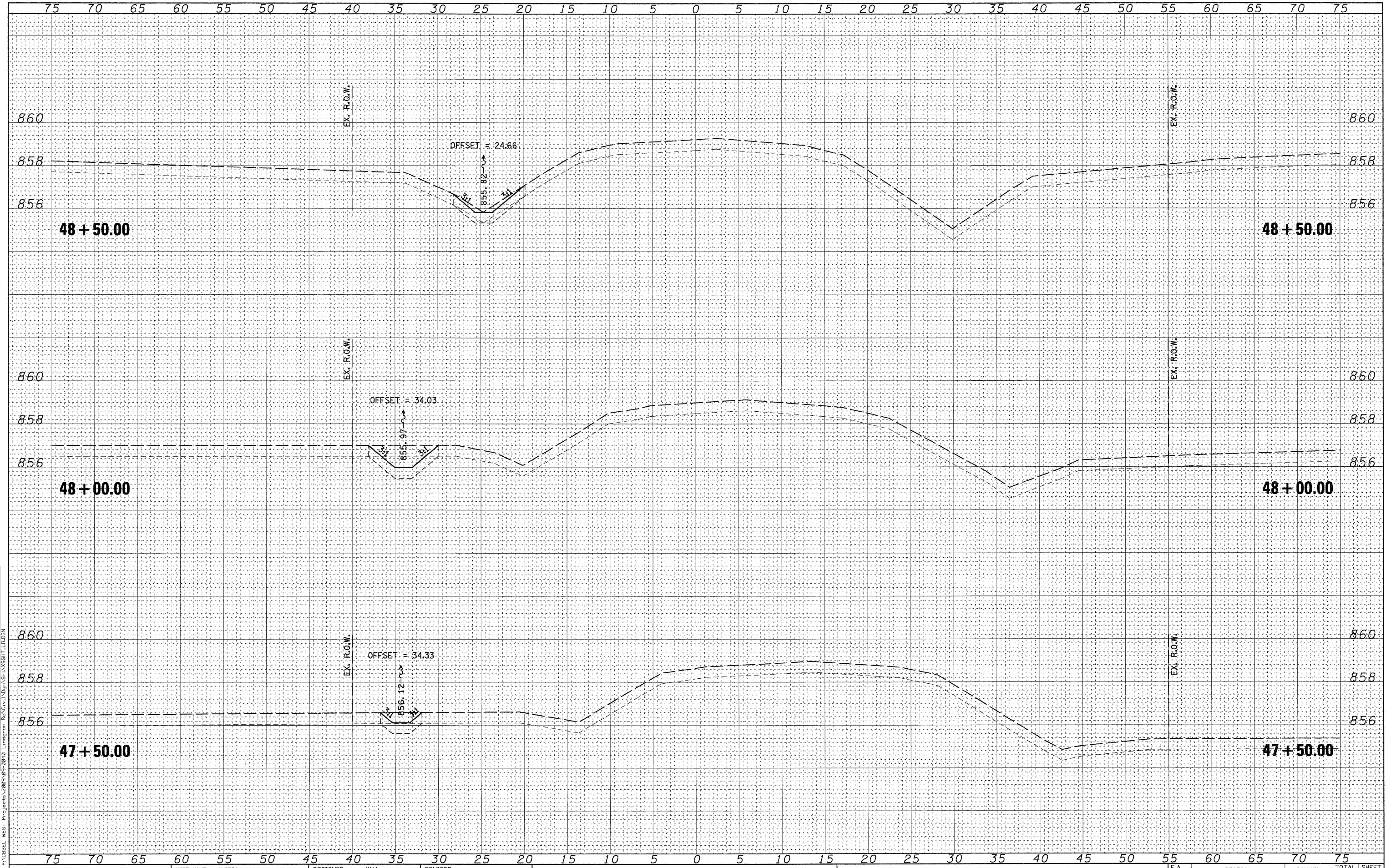
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS LINDGREN ROAD	
SCALE: H:1"=5',V:1"=2'	SHEET NO. OF 54 SHEETS
STA. 46+50.00 TO STA. 47+00.00	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	46
CONTRACT NO.87406				
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT				

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

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



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 St. Charles, Illinois 60174
 (630) 443-7755

USER NAME = #USER#
 PLOT SCALE = H:1"=5', V:1"=2'
 PLOT DATE = 10/27/2009

DESIGNED - KMA
 DRAWN - NDP
 CHECKED - SBP
 DATE - 10/1/09

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 LINDGREN ROAD
 SCALE: H:1"=5', V:1"=2' SHEET NO. OF 54 SHEETS STA. 47+50.00 TO STA. 48+50.00

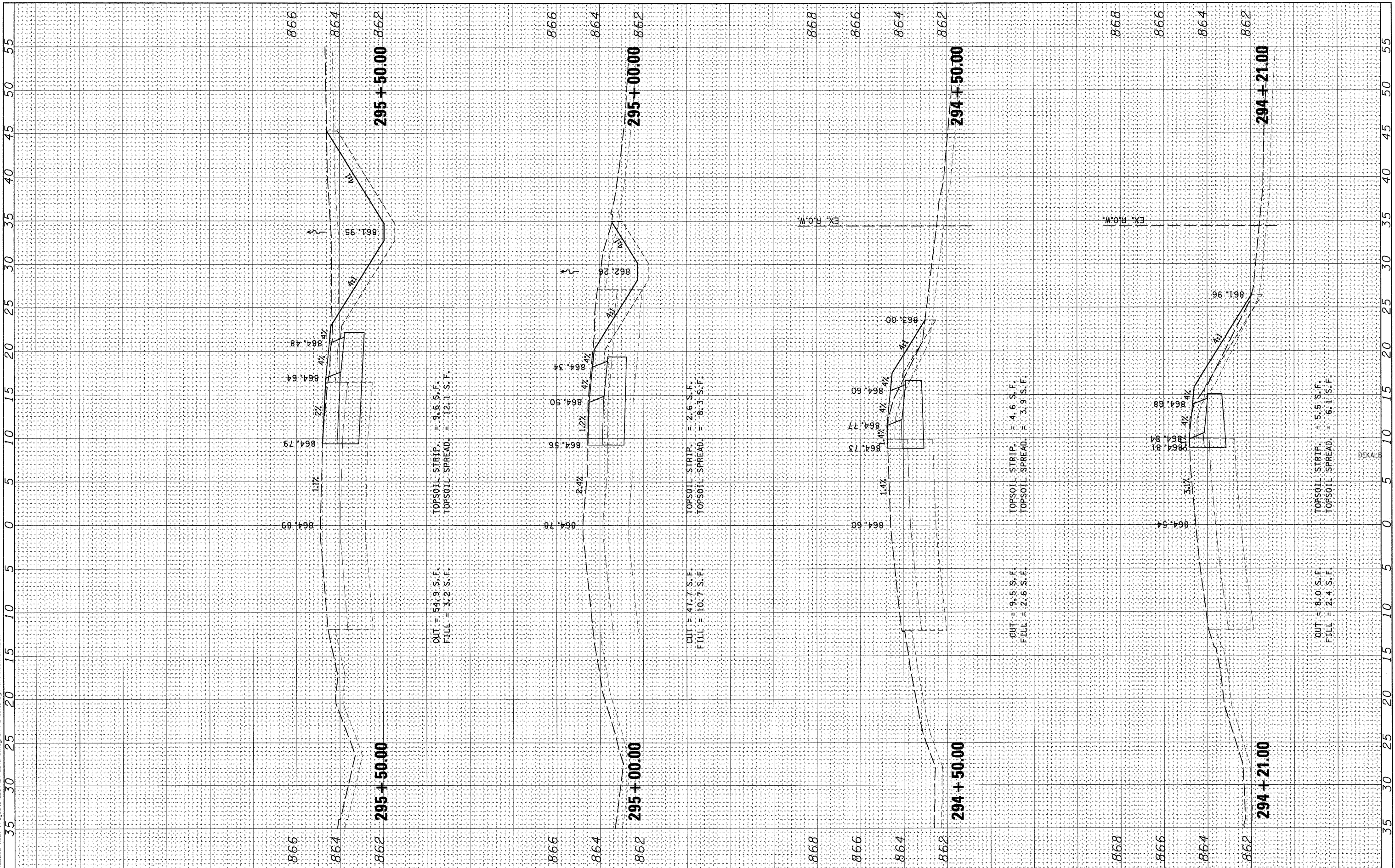
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	47
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT				

CONTRACT NO. 87406

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

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

FILE NAME = F:\CBBEL WEST Projects\2009\09-20240 LINDSEY RD\Civil\Drawn\Shit\XS\SHIT_P1.DGN



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 116 West Main Street, Suite 201
 St. Charles, Illinois 60174
 (630) 443-7766

USER NAME = #USER#	DESIGNED - KMA	REVISED -
PLOT SCALE = H1"=5', V1"=2'	DRAWN - NDP	REVISED -
PLOT DATE = 10/27/2009	CHECKED - SBP	REVISED -
	DATE - 10/1/09	REVISED -

TOPSOIL STRIP. = 9.6 S.F.	TOPSOIL STRIP. = 2.6 S.F.
TOPSOIL SPREAD. = 12.1 S.F.	TOPSOIL SPREAD. = 8.3 S.F.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS PLANK ROAD		
SCALE: H1"=5', V1"=2'	SHEET NO. OF 54 SHEETS	STA. 294+21.00 TO STA. 295+50.00

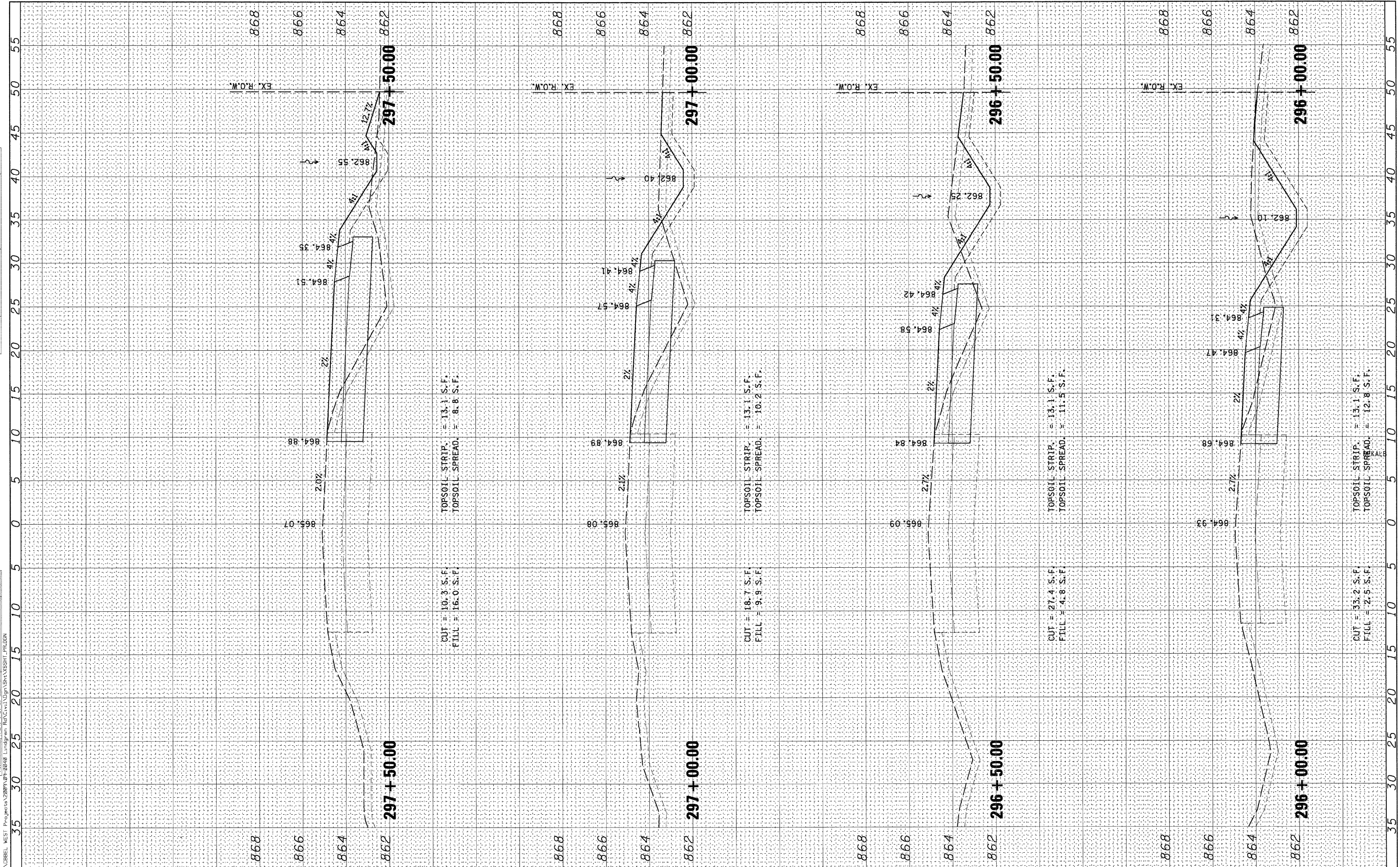
F.A. RTE. 5369	SECTION 09-00068-00-FP	COUNTY DEKALB	TOTAL SHEETS 54	SHEET NO. 48
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT				

TOPSOIL STRIP. = 5.5 S.F.	TOPSOIL STRIP. = 6.1 S.F.
TOPSOIL SPREAD. = 6.1 S.F.	TOPSOIL SPREAD. = 6.1 S.F.

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TABLED		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TABLED		
AREAS CHECKED		
NO.		

FILE NAME = P:\URBELL WEST Projects\2009\09-0649 Lindgren Rd\Civil\Drawn\Shr\SSHT_FR.DWG



CUT = 10.3 S.F.
FILL = 16.0 S.F.
TOPSOIL STRIP. = 13.1 S.F.
TOPSOIL SPREAD. = 8.8 S.F.

CUT = 18.7 S.F.
FILL = 9.9 S.F.
TOPSOIL STRIP. = 13.1 S.F.
TOPSOIL SPREAD. = 10.2 S.F.

CUT = 27.4 S.F.
FILL = 4.8 S.F.
TOPSOIL STRIP. = 13.1 S.F.
TOPSOIL SPREAD. = 11.5 S.F.

CUT = 33.2 S.F.
FILL = 2.5 S.F.
TOPSOIL STRIP. = 13.1 S.F.
TOPSOIL SPREAD. = 12.8 S.F.

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St. Charles, Illinois 60174
(630) 443-7756

USER NAME = \$USER\$	DESIGNED - KMA	REVISED -
PLLOT SCALE = H1"=5',V1"=2"	DRAWN - NDP	REVISED -
PLLOT DATE = 10/27/2009	CHECKED - SBP	REVISED -
	DATE - 10/1/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

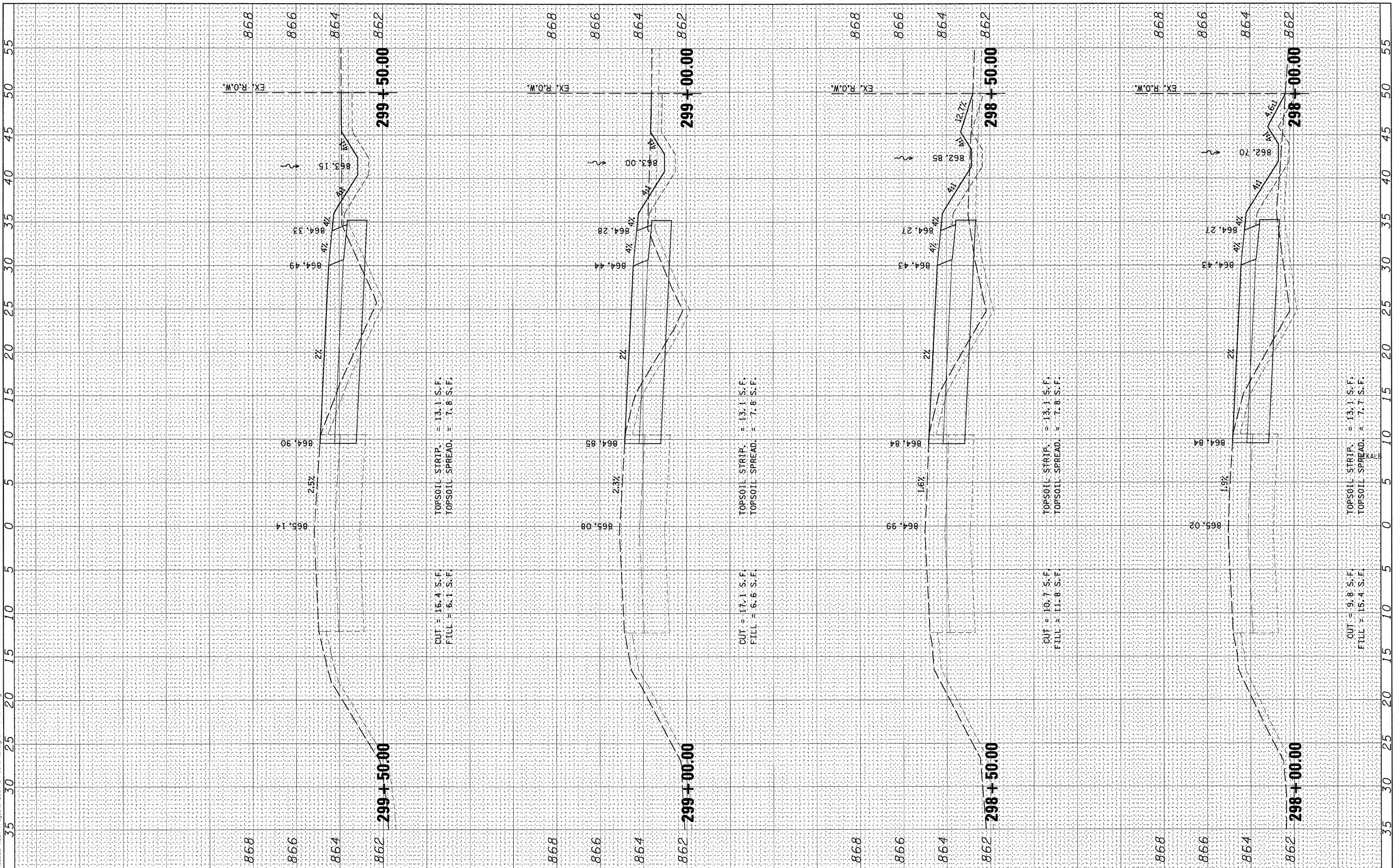
CROSS SECTIONS PLANK ROAD	
SCALE: H1"=5',V1"=2'	SHEET NO. OF 54 SHEETS
STA. 296+00.00 TO STA. 297+50.00	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	49
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT			CONTRACT NO. 87406	

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

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

FILE NAME = P:\CBBEL WEST Projects\2009\09-02\09 Lindgren Rd\Civil\Drawn\Shr\XSHT.PLDGN



CUT = 16.4 S.F.
FILL = 6.1 S.F.
TOPSOIL STRIP. = 13.1 S.F.
TOPSOIL SPREAD. = 7.8 S.F.

CUT = 17.1 S.F.
FILL = 6.6 S.F.
TOPSOIL STRIP. = 13.1 S.F.
TOPSOIL SPREAD. = 7.8 S.F.

CUT = 10.7 S.F.
FILL = 11.8 S.F.
TOPSOIL STRIP. = 13.1 S.F.
TOPSOIL SPREAD. = 7.8 S.F.

CUT = 9.8 S.F.
FILL = 15.4 S.F.
TOPSOIL STRIP. = 13.1 S.F.
TOPSOIL SPREAD. = 7.7 S.F.

WBK WILLIS BURKE KELSEY ASSOCIATES LTD.
116 West Main Street, Suite 201
St. Charles, Illinois 60174
(630) 443-7755

USER NAME = suser8	DESIGNED - KMA	REVISED -
PLOT SCALE = H:1"=5', V:1"=2'	DRAWN - NDP	REVISED -
PLOT DATE = 10/27/2009	CHECKED - SBP	REVISED -
	DATE - 10/1/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
PLANK ROAD**

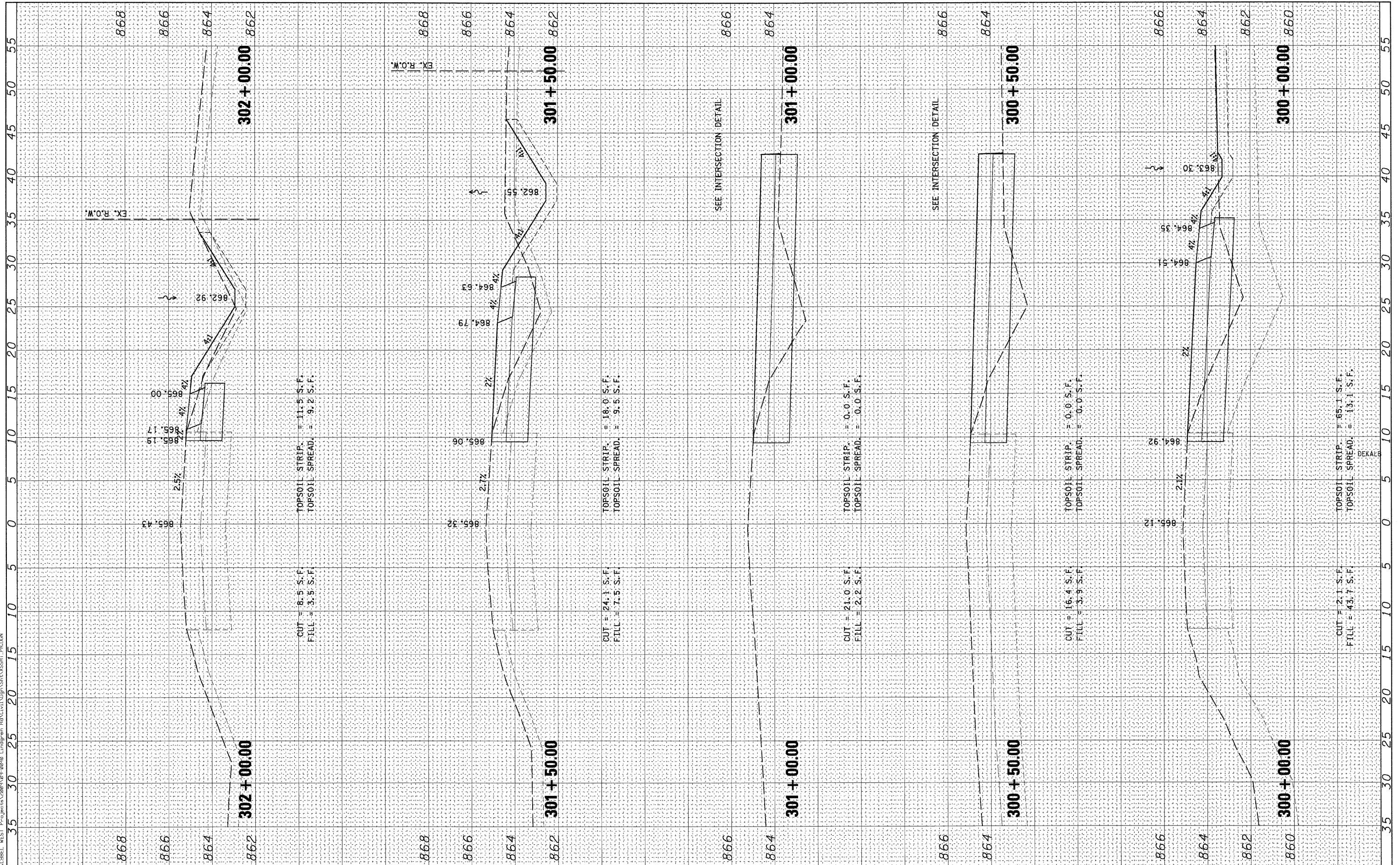
SCALE: H:1"=5', V:1"=2' SHEET NO. OF 54 SHEETS STA. 298+00.00 TO STA. 299+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	50
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT			CONTRACT NO. 87406	

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

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

FILE NAME = P:\CIBREL WEST Projects\2009\09-02\01 Lindgren Rd\Civil\Drawings\SSHT_P&DRN



CUT = 8.5 S.F.
FILL = 3.5 S.F.

TOPSOIL STRIP. = 11.5 S.F.
TOPSOIL SPREAD. = 9.2 S.F.

CUT = 24.1 S.F.
FILL = 7.5 S.F.

TOPSOIL STRIP. = 18.0 S.F.
TOPSOIL SPREAD. = 9.5 S.F.

CUT = 21.0 S.F.
FILL = 2.2 S.F.

TOPSOIL STRIP. = 0.0 S.F.
TOPSOIL SPREAD. = 0.0 S.F.

CUT = 16.4 S.F.
FILL = 3.9 S.F.

TOPSOIL STRIP. = 0.0 S.F.
TOPSOIL SPREAD. = 0.0 S.F.

CUT = 2.1 S.F.
FILL = 43.7 S.F.

TOPSOIL STRIP. = 65.1 S.F.
TOPSOIL SPREAD. = 13.1 S.F.

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St. Charles, Illinois 60174
(830) 443-7785

USER NAME = #USER#	DESIGNED - KMA	REVISED -
PLOT SCALE = H1"=5', V1"=2'	DRAWN - NDP	REVISED -
PLOT DATE = 10/27/2009	CHECKED - SBP	REVISED -
	DATE - 10/1/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
PLANK ROAD**

SCALE: H1"=5', V1"=2' SHEET NO. OF 54 SHEETS STA. 300+00.00 TO STA. 302+00.00

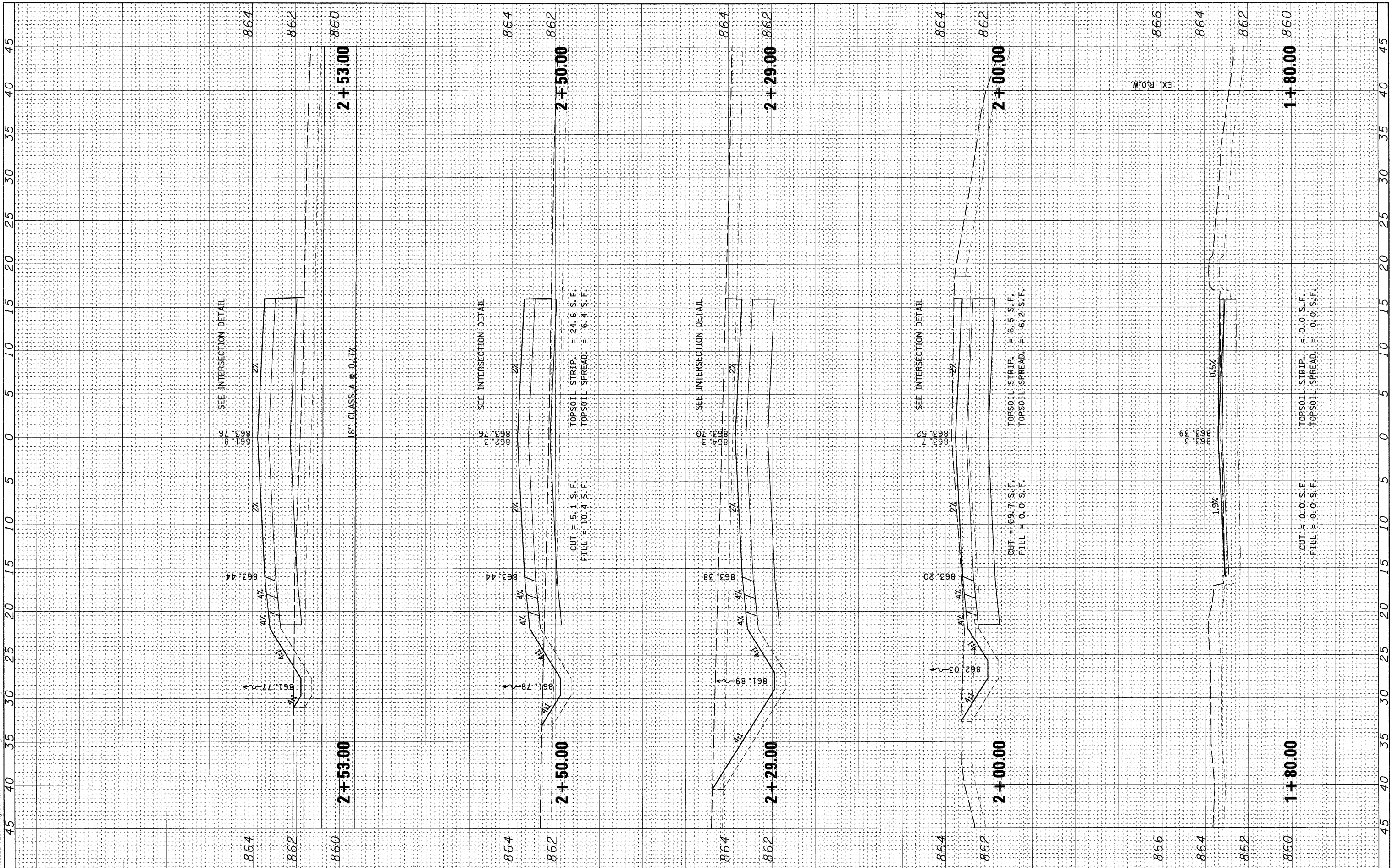
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	51
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT				

CONTRACT NO. 87406

FINAL SURVEY	BY	DATE
PLOTTED		
NOTE BOOK		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
PLOTTED		
NOTE BOOK		
AREAS CHECKED		
NO.		

FILE NAME = P:\CIBBEL WEST - Proj\Jctns\2009\09-00068\09-00068\Drawings\Gr\Sta\1+80.00\1+80.00.DWG



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 St. Charles, Illinois 60174
 (630) 443-7756

USER NAME = \$USER\$	DESIGNED - KMA	REVISED -
PLOT SCALE = H:1"=5', V:1"=2'	DRAWN - NDP	REVISED -
PLOT DATE = 10/27/2009	CHECKED - SBP	REVISED -
	DATE - 10/1/09	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

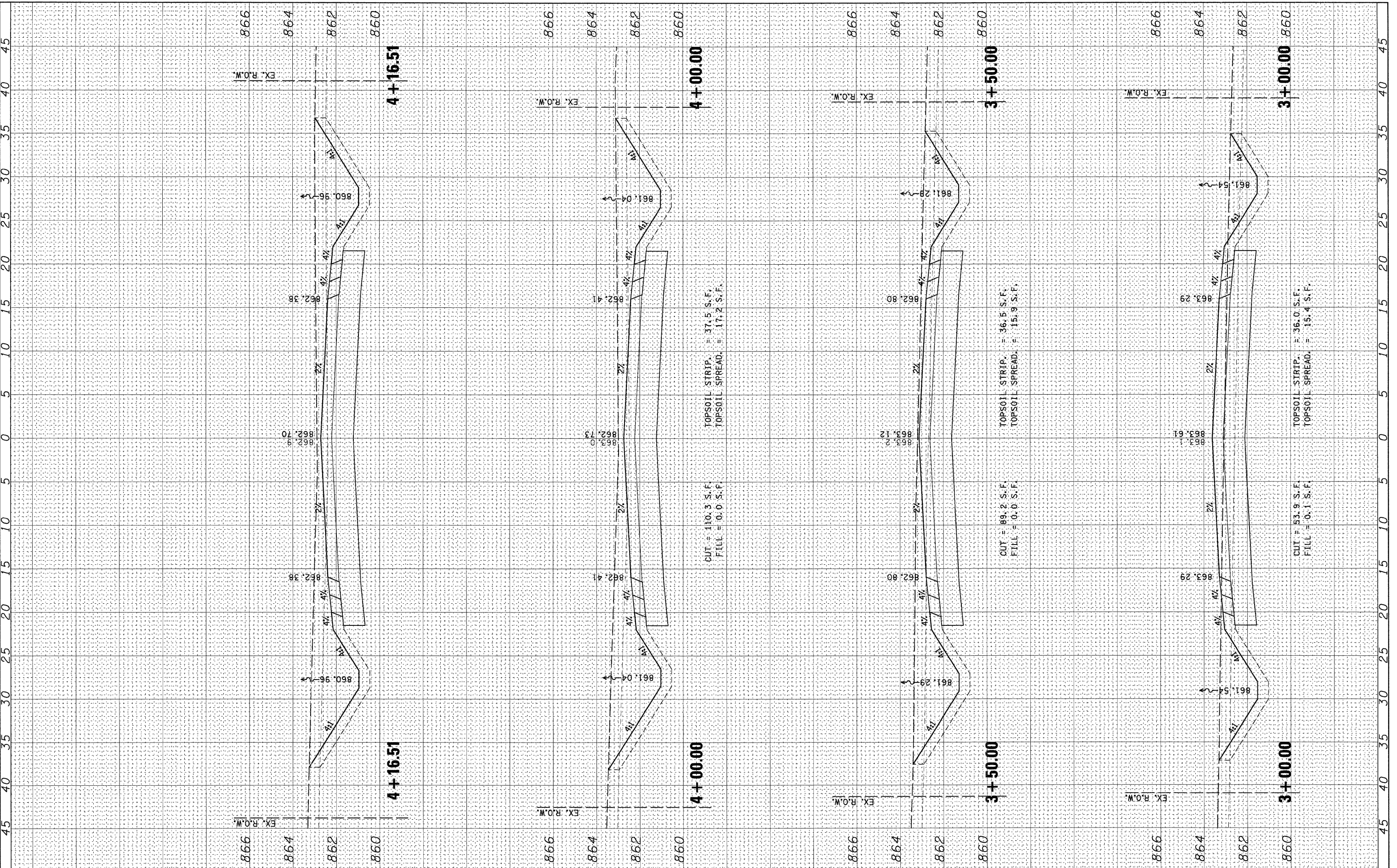
CROSS SECTIONS NATIONAL STREET	
SCALE: H:1"=5', V:1"=2'	SHEET NO. OF 54 SHEETS
STA. 1+80.00 TO STA. 2+53.00	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	52
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT			CONTRACT NO. 87406	

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

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

FILE NAME = P:\CIBREL WEST Projects\2009\09-20048 Lindgren Rd\1\01\01\Sh\XSSHT\NR.DGN



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 116 West Main Street, Suite 201
 St. Charles, Illinois 60174
 (630) 443-7756

USER NAME = #USER#	DESIGNED - KMA	REVISED -
PLOT SCALE = H:1"=5', V:1"=2'	DRAWN - NDP	REVISED -
PLOT DATE = 10/27/2009	CHECKED - SBP	REVISED -
	DATE - 10/1/09	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 NATIONAL STREET**

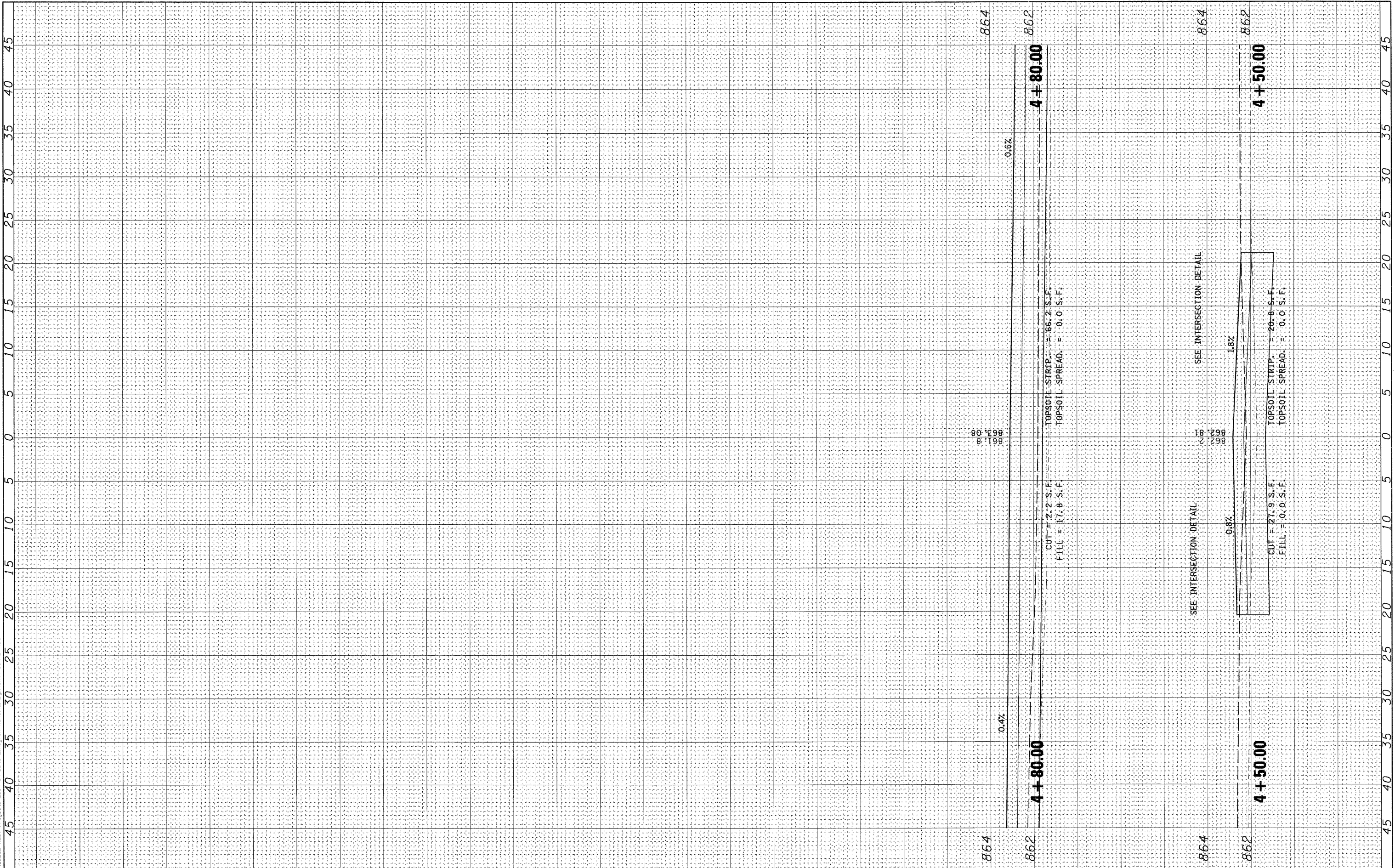
SCALE: H:1"=5', V:1"=2' SHEET NO. OF 54 SHEETS STA. 3+00.00 TO STA. 4+16.51

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	53
CONTRACT NO. 87406				
FED. ROAD DIST. NO. 3 [ILLINOIS] FED. AID PROJECT				

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

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

FILE NAME = F:\LBBEL WEST Projects\2009\09-08\10 Lindgren Rd\Civil\Drawn\Shr\SSHT_NF1.DGN



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116 West Main Street, Suite 201
St. Charles, Illinois 60174
(630) 443-7756

USER NAME = #USER#	DESIGNED - KMA	REVISED -
PLOT SCALE = H:1"=5',V:1"=2'	DRAWN - NDP	REVISED -
PLOT DATE = 10/27/2009	CHECKED - SBP	REVISED -
	DATE - 10/1/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
NATIONAL STREET**

SCALE: H:1"=5',V:1"=2' SHEET NO. OF 54 SHEETS STA. 4+50.00 TO STA. 4+80.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5369	09-00068-00-FP	DEKALB	54	54
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT			CONTRACT NO. 87406	