

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		POPE	60	1

IDNR PROJECT NO. 05-06-008

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

IDOT /IDNR STATEWIDE
SECTION: **DIXON SPRINGS STATE PARK**

PARK ROADS , PARKING AREAS , BRIDGE AND DRAINAGE IMPROVEMENTS 2007
POPE COUNTY
JOB NO. C-30-004-08
IDNR PROJECT NO. 05-06-008

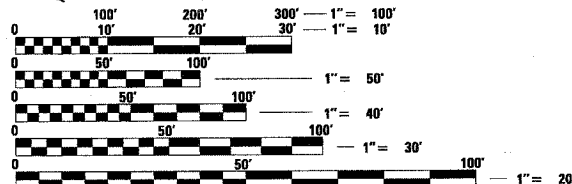
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- 000001-04
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- 442201-02
- 515001-02
- 542301-01
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- 602306-01
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- 606201-01
- 701001-01
- 701006-02
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- 701301-02
- 701306-01
- 701311-02
- 702001-06
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- BLR 17-3
- 601101

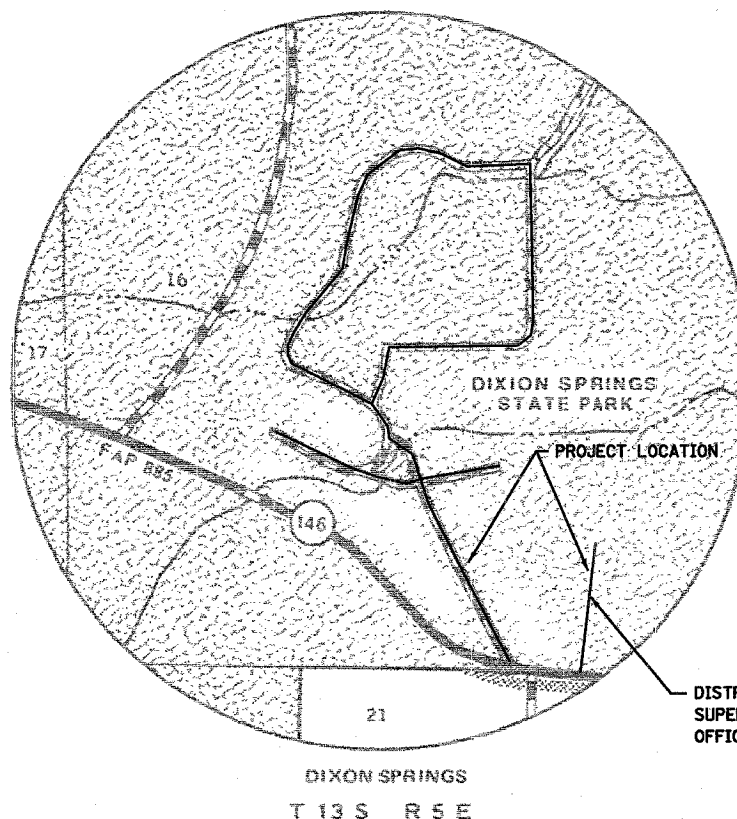
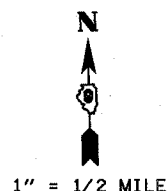
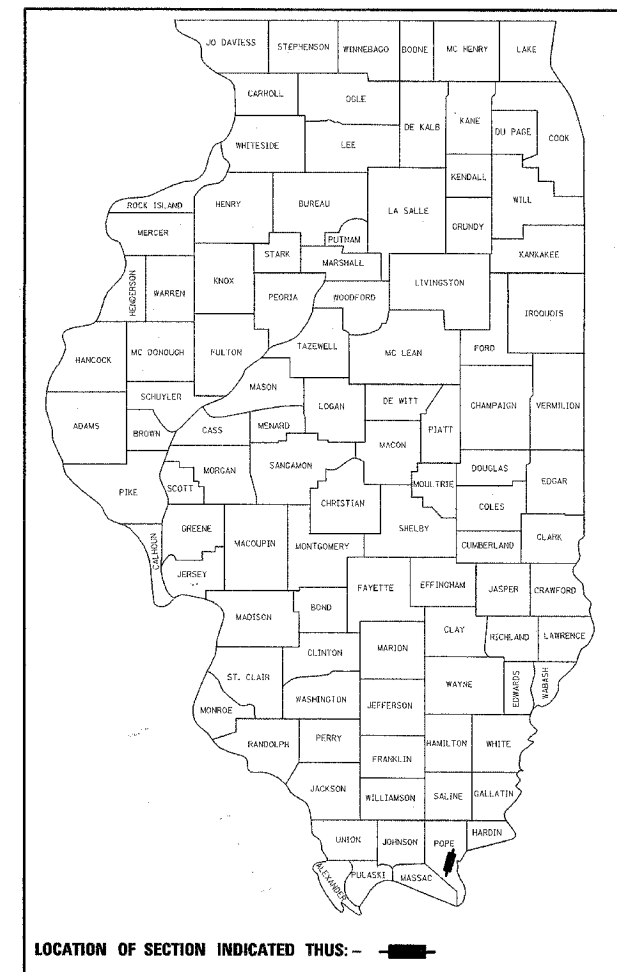
PROJECT ENGINEER: LANCE KIDD (217) 785-2933



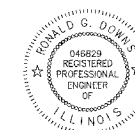
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

CONTRACT NO. 44924



LOCATION MAP



Ronald G. Downs
SIGNATURE
EXPIRATION DATE NOV. 30, 2007

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED June 12, 2007
Eric E. Harms
DEPUTY DIRECTOR OF HIGHWAYS

June 29, 2007
Eric E. Harms
ENGINEER OF DESIGN AND ENVIRONMENT

June 29, 2007
Milton R. Sees, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	POPE		60	2
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
IDNR PROJECT NO.	05-06-008			

SUMMARY OF QUANTITIES

1000
100% STATE

CODE NO.	ITEM	UNIT	TOTAL
20100110	TREE REMOVAL (6 TO 15 UNIT DIA)	UNIT	174
20100210	TREE REMOVAL (OVER 15 UNIT DIA)	UNIT	250
20200100	EARTH EXCAVATION	CU YD	1,363
* 20200200	ROCK EXCAVATION	CU YD	131
20300100	CHANNEL EXCAVATION	CU YD	47
20700400	POROUS GRANULAR EMBANKMENT (SPECIAL)	CU YD	22
20800150	TRENCH BACKFILL	CU YD	10
28000400	PERIMETER EROSION BARRIER	FOOT	715
28000500	INLET AND PIPE PROTECTION	EACH	3
* 21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	74
* 25000115	SEEDING, CLASS 1B	ACRE	0.3
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	27
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	27
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	27
* 25100120	MULCH, METHOD 2	TON	0.6
* 25100630	EROSION CONTROL BLANKET	SQ YD	455
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	45
28100107	STONE RIPRAP, CLASS A4	SQ YD	315
28200200	FILTER FABRIC	SQ YD	315
28000300	TEMPORARY DITCH CHECKS	EACH	1
35101400	AGGREGATE BASE COURSE TYPE B	TON	2,558
35800100	PREPARATION OF BASE	SQ YD	5,985

CODE NO.	ITEM	UNIT	TOTAL
35800200	AGGREGATE BASE REPAIR	TON	265
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	20
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	6,360
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	765
40600982	HOT-MIX ASPHALT SURFACE REMOVAL BUTT JOINT	SQ YD	488
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	85
40600990	TEMPORARY RAMP	SQ YD	90
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	540
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	1,791
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	1,510
42001400	BRIDGE APPROACH PAVEMENT (SPECIAL)	SQ YD	96
42400100	PORTLAND CEMENT CONCRETE SIDEWALK, 4-INCH	SQ FT	1,760
42400500	PORTLAND CEMENT CONCRETE SIDEWALK (SPECIAL)	SQ FT	246
42400800	DETECTABLE WARNINGS	SQ FT	60
42001430	BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)	SQ YD	30
44000100	PAVEMENT REMOVAL	SQ YD	380
44000600	SIDEWALK REMOVAL	SQ FT	160
44201753	CLASS D PATCHES TYPE II 9 INCH	SQ YD	28
44300300	AREA REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A	SQ YD	32,660
48101200	AGGREGATE SHOULDERS, TYPE B	TON	189
50100300	REMOVAL OF EXISTING STRUCTURES NO.1	EACH	1
50105220	PIPE CULVERT REMOVAL	FOOT	88
50200100	STRUCTURE EXCAVATION	CU YD	102
* 50200400	ROCK EXCAVATION FOR STRUCTURES	CU YD	5
50300260	BRIDGE DECK GROOVING	SQ YD	51
50300225	CONCRETE STRUCTURES	CU YD	16.6

*SPECIALTY ITEMS

REVISIONS	
NAME	DATE
CODE NO. 48101200	5/22/07

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
IDOT / IDNR
DIXON SPRINGS STATE PARK

SCALE: VERT.
HORIZ.
DATE: 12/08/06

DRAWN BY: DRR
CHECKED BY: RGD

Rev.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	POPE		60	3
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
IDNR PROJECT NO.	05-06-008			

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL
50300255	CONCRETE SUPERSTRUCTURES	CU YD	50
50300265	SEAL COAT CONCRETE	CU YD	0.4
50300300	PROTECTIVE COAT	SQ YD	95
50300510	RUSTICATION FINISH	SQ FT	270
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	12,550
51201400	FURNISHING STEEL PILES HP10X42	FOOT	50
51202305	DRIVING PILES	FOOT	50
51203400	TEST PILE STEEL HP10X42	EACH	1
51500100	NAME PLATES	EACH	1
542C0223	PIPE CULVERTS, CLASS C, TYPE 1 18"	FOOT	132
542I3873	STEEL END SECTIONS 18"	EACH	5
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	20
60109580	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	90
60255500	MANHOLES TO BE ADJUSTED	EACH	4
60260100	INLETS TO BE ADJUSTED	EACH	1
60600095	CLASS SI CONCRETE (OUTLETS)	CU YD	5
60600605	CONCRETE CURB, TYPE B	FOOT	110
60602800	CONCRETE CUTTER, TYPE B	FOOT	320
61100500	EXPLORATION TRENCH 52" DEPTH	FOOT	200
67100100	MOBILIZATION	LSUM	1
70103700	TRAFFIC CONTROL COMPLETE	L SUM	1
72000100	SIGN PANEL - TYPE 1	SQ FT	178
72900100	METAL POST, TYPE A	FOOT	45

CODE NO.	ITEM	UNIT	TOTAL
73000100	WOOD SIGN SUPPORT	FOOT	336
* 78001100	PAINT PAVEMENT MARKING - LETTERS & SYMBOLS	SQ FT	35
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	3,470
* 78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	90
* 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	160
* 78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	135
Z0013798	CONSTRUCTION LAYOUT	L SUM	1
Z0077740	WOOD GUARD RAIL	FOOT	330
X0325727	WOOD POST SPECIAL	EACH	175
* A2006416	TREE, QUERCUS ALBA (WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	8
* A2007116	TREE, QUERCUS RUBA (RED OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	15
* D2001572	EVERGREEN, JUNIPERUS VIRGINIANA (EASTERN RED CEDAR), 6' HEIGHT BALLED AND BURLAPPED	EACH	4
XX002173	TREATED TIMBER RAIL	FOOT	82
XX004371	INLETS, TYPE B WITH TYPE 61 GRATE	EACH	1
X0323378	CONCRETE PARKING BLOCKS	EACH	18
X0324740	FURNISHING AND INSTALLING SIGNS	EACH	13
X0974300	SIGN REMOVAL	EACH	1
X0325817	GATE SPECIAL, 10'	EACH	1
X0325818	GATE SPECIAL, 12'	EACH	1
X0325819	GATE SPECIAL, 20'	EACH	1
X0325820	GATE SPECIAL, 25'	EACH	1

*SPECIALTY ITEMS

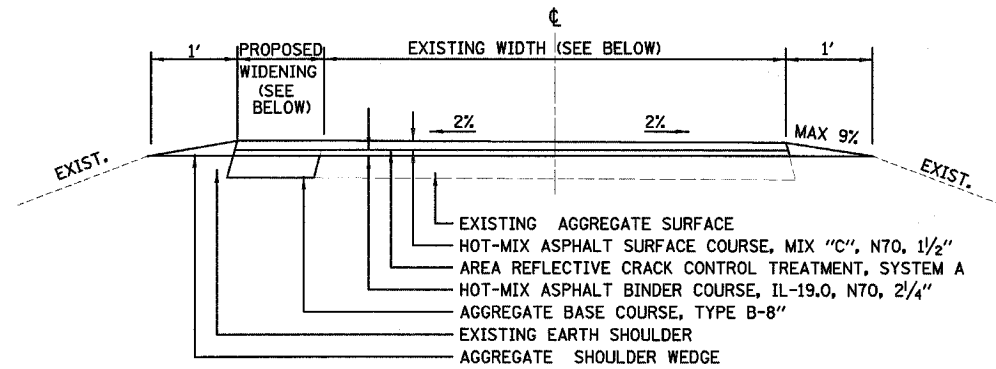
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUMMARY OF QUANTITIES
 IDOT / IDNR
 DIXON SPRINGS STATE PARK

SCALE: VERT.
 HORIZ.
 DATE: 12/08/06

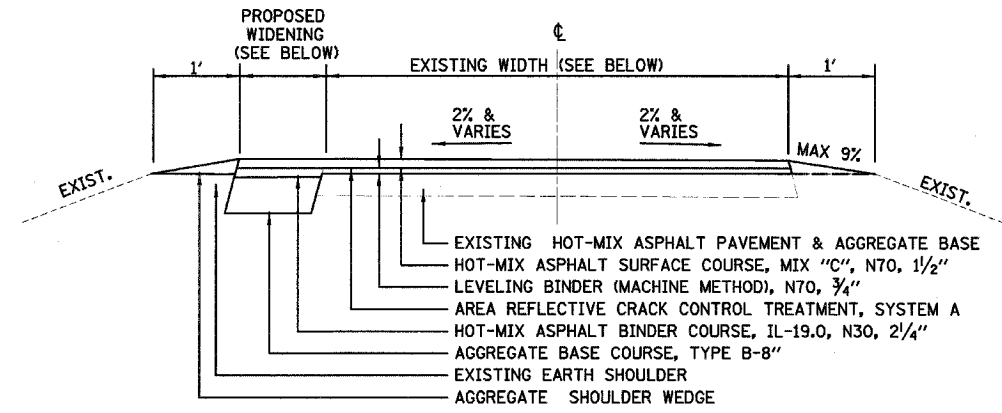
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		POPE	60	4
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
IDNR PROJECT NO. 05-06-008				



PROPOSED TYPICAL SECTION ①
EXISTING AGGREGATE ROADWAY
RESURFACED WITH HOT-MIX ASPHALT

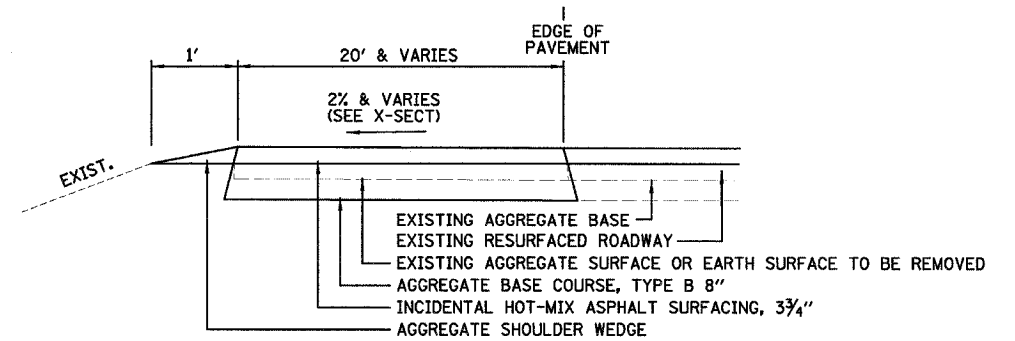
ROADWAY	FROM	TO	EXIST WIDTH FEET	PROPOSED WIDENING	
				FEET	SIDE
SHELTER NO #2 ROAD	STA 10+05	STA 13+08.62	12'	4' & VARIES	RT
POOL HOUSE ROAD	STA 85+45	STA 88+44	10'	4' & VARIES	RT
PICNIC AREA ROAD	STA 10+30	STA 15+75	12' & VARIES	2' & VARIES	RT
LODGE PERIMETER ROAD	CHURCH ENTRANCE ROAD		14'	N/A	N/A



PROPOSED TYPICAL SECTION ②
EXISTING HOT-MIX ASPHALT ROADWAY
WIDENED/RESURFACED WITH HOT-MIX ASPHALT

ROADWAY	FROM	TO	EXIST WIDTH FEET	PROPOSED WIDENING	
				FEET	SIDE
MAIN ROAD	STA 10+00	STA 27+94.5	18'	N/A	N/A
MAIN ROAD NORTH	STA 27+94.5	STA 45+27	14' & VARIES	2' & VARIES	RT
MAIN ROAD SOUTH	SHELTER NO. #2 ENTR. RD	MAIN ENTRANCE ROAD	16'	N/A	N/A
CHURCH ENTRANCE	MAIN ROAD SOUTH	LODGE PERIMETER ROAD	16' & VARIES	N/A	N/A
POOL HOUSE ROAD	MAIN ENTRANCE ROAD	BRIDGE NO #1	16'	N/A	N/A
POOL HOUSE ROAD	STA 80+45	STA 85+40	14'	2' & VARIES	LT
SPRING ENTRANCE ROAD	STA 70+29.25	STA 72+40.7	14' & VARIES	N/A	N/A
MAINTENANCE BUILDING ROAD	MAIN ENTRANCE ROAD	MAINTENANCE BUILDING	20' & VARIES	N/A	N/A
CEDAR GROVE CAMPGROUND	MAINTENANCE BUILDING ROAD	DEAD END	10'	N/A	N/A
GROUP CAMP ENTRANCE	MAIN ROAD NORTH	DEAD END	VARIES	N/A	N/A
DISTRICT OFFICE ENTRANCE	IL RTE 146	OFFICE	10' & VARIES	N/A	N/A

MIXTURE USE	HOT-MIX ASPHALT SURFACE	HOT-MIX ASPHALT BINDER COURSE
PG	PG 64-22	PG 64-22
RAP% (MAX)	15%	15%
DESIGN AIR VOIDS	4% @ Ndes=70	4% @ Ndes=70
MIXTURE COMPOSITION	IL 9.5 OR IL 12.5	IL 19.0
FRICTION AGGREGATE	MIX "C"	N/A



PROPOSED TYPICAL SECTION ③
PARKING EXPANSION & ROADWAY EXTENSIONS

PARKING EXPANSION LOCATION	FROM	TO	PROP. LENGTH (FT)	PROP. WIDTH (FT)	NUMBER OF PARKING SPACES
SHELTER NO #1 ROAD	10+00	STA 11+14	50'	36'	5
SPRING ENTRANCE ROAD	MAIN ROAD NORTH	130' SOUTH	100'	20'	12
MAIN ROAD NORTH	STA 34+89	STA 35+50	67'	20'	7
MAIN ROAD NORTH	STA 39+66	STA 40+10	49'	20'	4
MAIN ROAD NORTH	STA 44+41	STA 45+04	63'	21'	0
SHELTER NO #2 ROAD	STA 10+20	STA 12+58	VAR.	VAR.	21
POOL HOUSE ROAD	STA 80+40	STA 83+77	142'	20'	26
PICNIC AREA ROAD	STA 9+53.50	STA 14+00	VAR	20'	12
EXISTING TRAILER PADS	CEDAR GROVE CAMPGROUND		60'	14'	-

NOTE:
TRAILER PADS MINIMUM 60 FT LENGTH. USE EARTH EXCAVATION AND AGGREGATE BASE COURSE, TYPE B - WHEN NECESSARY TO ACHIEVE MINIMUM LENGTH AND WIDTH. QUANTITY IS INCLUDED FOR APPROXIMATELY 4" OF AGGREGATE PER CAMPER PAD FOR LEVELING.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
IDOT / IDNR
DIXON SPRINGS STATE PARK
SCALE: VERT. HORIZ.
DATE: 12/08/06
DRAWN BY: DRR
CHECKED BY: RGD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	POPE		60	5
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
IDNR PROJECT NO. 05-06-008				

TREE REMOVAL (6 TO 15 UNITS DIAMETER)	
LOCATION	UNIT
PICNIC AREA ROAD - STA 9+87, LT	15
POOL HOUSE ROAD	
STA 82+12, LT	12
STA 85+81, RT	8
STA 85+84, RT	8
STA 85+87, RT	8
SHELTER NO. 2 ROAD - STA 11+17, LT	6
MAIN ROAD NORTH	
STA 31+77, LT	12
STA 41+16, RT	12
IL RTE 146	
STA 102+66, LT	8
STA 102+78, LT	10
STA 102+98, LT	12
STA 103+03, LT	10
STA 103+14, LT	10
STA 103+21, LT	15
STA 103+32, LT	10
STA 103+77, LT	6
STA 103+85, LT	12
TOTAL	174

TREE REMOVAL (OVER 15 UNITS DIAMETER)	
LOCATION	UNIT
PICNIC AREA ROAD	
STA 9+52, LT	24
STA 12+33, RT	26
POOL HOUSE ROAD	
STA 82+91, LT	32
STA 86+43, LT	24
MAIN ROAD NORTH	
STA 30+28, RT	24
STA 30+56, RT	24
STA 37+88, LT	24
STA 41+48, RT	18
STA 43+17, RT	18
STA 43+42, RT	18
IL RTE 146	
STA 103+22, LT	18
TOTAL	250

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT		
LOCATION		SQ YD
MAIN ENTRANCE ROAD	STA 10+00	251
POOL HOUSE ROAD	STA 80+51 TO STA 81+23.5, LT	100
MAINTENANCE BUILDING ROAD		71
SITE SUPERINTENDANT ENTRANCE ROAD	STA 100+12.40	66
TOTAL		488

PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT		
LOCATION		SQ YD
PICNIC AREA ROAD	STA 11+00, RT	27
SITE SUPERINTENDANT ENTRANCE ROAD	STA 103+76.5, LT	15
GROUP CAMP ROAD	STA 104+42, RT	29
TOTAL		85

PAVEMENT REMOVAL		
LOCATION		SQ YD
SPRING ENTRANCE ROAD - STA 72+00, LT		380
TOTAL		380

PERIMETER EROSION BARRIER	
LOCATION	FOOT
PICNIC AREA ROAD - STA 9+53.50 (CUL-DE-SAC)	120
POOL HOUSE ROAD - STA 85+80 TO STA 88+00, RT	220
SHELTER NO. 1 ROAD - NORTH AND EAST	75
SOUTH	75
SHELTER NO. 2 ROAD - STA 12+50, RT (PARKING LOT SOUTH SIDE)	125
MAIN ROAD NORTH - STA 39+35 TO STA 40+45, RT	100
TOTAL	715

PIPE CULVERTS AND END SECTIONS							
LOCATION	PIPE CULVERTS, CLASS C, TYPE 1 18"	TRENCH BACKFILL	STEEL END SECTIONS 18"	PIPE CULVERT REMOVAL	INLETS, TYPE B W/ TYPE 61 GRATE	CLASS D PATCHES, TYPE II 9 INCH	INLET AND PIPE PROTECTION
	FOOT	CU YD	EACH	FOOT	EACH	SQ YD	EACH
MAIN ROAD NORTH - STA 38+40	46	4	1	23	1	11	1
CEDAR GROVE CAMPGROUND	40	2	2	40		6	1
MAIN ENTRANCE ROAD	46	4	2	25		11	1
TOTAL	132	10	5	88	1	28	3

BASE PREPARATION AND REPAIR			
LOCATION	PREPARATION OF BASE	AGGREGATE BASE REPAIR	
		SQ YD	TON
LODGE AREA	965		44
CEDAR GROVE CAMPGROUND PADS	3,560		154
POOL HOUSE ROAD STA 85+40 TO STA 88+44	340		16
SHELTER NO. STA 10+05 TO STA 13+09	510		23
PICNIC ROAD STA 10+30 TO STA 15+75	610		28
TOTAL	5,985		265

AGGREGATE BASE COURSE, TYPE B	
LOCATION	TONS
PICNIC AREA ROAD: WIDENING AREAS	326
PARKING AREAS	116
POOL HOUSE ROAD: WIDENING AREAS	138
PARKING AREAS	191
SPRING ENTRANCE ROAD: WIDENING AREAS	76
PARKING AREAS	63
SHELTER NO. 1 ROAD: WIDENING AREAS	157
PARKING AREAS	65
SHELTER NO. 2 ROAD: WIDENING AREAS	31
PARKING AREAS	341
MAIN ROAD NORTH: WIDENING AREAS	154
PARKING AREAS	185
GROUP CAMP ROAD	132
CEDAR GROVE CAMPGROUND: ENTRANCE ROAD	46
CAMPER PADS	770
TOTAL	2,534

BITUMINOUS MATERIAL (PRIME COAT)		
LOCATION		GALLONS
PICNIC AREA ROAD - STA 9+53.50 TO STA 15+75		700
POOL HOUSE ROAD - STA 80+40 TO STA 88+43.70		780
SPRING ENTRANCE ROAD - STA 70+40 TO STA 72+40.7		313
SHELTER NO. 1 ROAD - STA 10+08 TO STA 11+15		280
SHELTER NO. 2 ROAD - STA 10+05 TO STA 13+08.62		558
MAIN NORTH ROAD - STA 27+94.50 TO STA 45+05.33		619
GROUP CAMP ROAD - MAIN ROAD NORTH TO DEAD END		164
CEDAR GROVE CAMPGROUND - ROADWAY		232
- PADS		1,344
SITE SUPERINTENDANT ENTRANCE ROAD - STA 100+12.6 TO STA 104+49.5		80
MAINTENANCE BUILDING ROAD		212
MAIN ENTRANCE ROAD - STA 10+00 TO STA 27+94.50		372
LODGE AREA		385
MAIN ROAD SOUTH - MAIN ROAD NORTH TO SHELTER NO. 2 ROAD		205
CHURCH ENTRANCE ROAD		116
TOTAL		6,360

LEVELING BINDER (MACHINE METHOD), N70		
LOCATION		TON
POOL HOUSE ROAD (BRIDGE NO. 1)	STA 80+45 TO STA 85+78	68
BRIDGE NO. 1 TO MAIN ENTRANCE ROAD		23
SPRING ENTRANCE ROAD	STA 70+32 TO STA 72+40.7	52
MAIN ROAD NORTH	STA 27+94.5 TO STA 33+85.46	40
MAIN ROAD NORTH	STA 34+65.47 TO STA 45+05.33	54
GROUP CAMP ROAD - MAIN ROAD NORTH TO DEAD END		20
SITE SUPERINTENDANT ENTRANCE ROAD	STA 100+12.4 TO STA 104+49.5	31
MAIN ENTRANCE ROAD	STA 10+10 TO STA 27+94.5	156
CHURCH ENTRANCE ROAD		49
MAIN ROAD SOUTH - MAIN ROAD NORTH TO SHELTER NO. 2 ROAD		86
CEDAR GROVE CAMPGROUND ROAD		97
MAINTENANCE BUILDING ROAD-MAIN ROAD TO OFFICE		89
TOTAL		765

HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	
LOCATION	TON
PICNIC AREA ROAD - STA 10+30 TO STA 15+75 (ROAD)	107
STA 15+57 TO 15+75, LT (ROAD)	3
STA 15+57 TO STA 15+75, LT (ROAD)	3
SPRING ENTRANCE ROAD - STA 72+00, LT (GRASS ISLAND - PARKING)	20
STA 72+00, RT (WIDENING)	2
POOL HOUSE ROAD - STA 82+06 TO STA 85+25, LT (WIDENING)	24
STA 85+40 TO STA 88+43.70 (ROAD)	65
SHELTER NO. 1 ROAD - STA 10+08 TO STA 10+81 (ROAD)	43
SHELTER NO. 2 ROAD - STA 10+05 TO STA 13+08.62 (ROAD)	68
STA 13+08.62, RT	3
STA 13+08.62, LT	4
MAIN ROAD NORTH - STA 27+94.5 TO PT STA 33+50.99 (WIDENING)	12
STA 34+65.47 TO PC STA 35+77.91 (WIDENING)	7
STA 35+55 TO STA 36+69.68, RT (WIDENING)	2
PC STA 36+69.68 TO PC STA 38+99.35, LT (WIDENING)	7
STA 40+00 TO STA 40+75, RT (WIDENING)	1
STA 40+50 TO STA 41+75, LT (WIDENING)	2
STA 41+25 TO PC STA 43+98.75, RT (WIDENING)	5
STA 44+10 TO STA 44+50, RT (WIDENING)	1
LODGE AREA	122
ADDITIONAL BINDER CEDAR GROVE CAMPGROUND ROAD AT MAINTENANCE ROAD	39
TOTAL	540

AREA REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A		
LOCATION		SQ YD
PICNIC AREA ROAD - STA 9+74.72 TO STA 15+75		1,630
POOL HOUSE ROAD - STA 80+40 TO STA 85+78 (BRIDGE NO. 1)		2,215
STA 85+78 (BRIDGE NO.1 TO MAIN ENTRANCE ROAD)		535
STA 85+40 TO STA 88+43.70		510
SPRING ENTRANCE ROAD - STA 70+42 TO STA 72+40.7		1,910
SHELTER NO. 1 ROAD - STA 10+08 TO STA 11+15		485
SHELTER NO. 2 ROAD - STA 10+05 TO STA 13+08.62		1,305
MAIN ROAD NORTH - STA 27+94.5 TO STA 33+85.46		1,035
STA 34+65.47 TO PC STA 45+05.33		1,850
GROUP CAMP ROAD MAIN ROAD - NORTH TO DEAD END		765
SITE SUPERINTENDANT ENTRANCE ROAD - STA 100+12.4 TO STA 104+49.5		3,775
MAIN ENTRANCE ROAD - STA 10+00 TO STA 27+94.5		3,795
MAIN ROAD SOUTH - MAIN ENTRANCE ROAD TO SHELTER NO. 2 ROAD		2,095
CHURCH ENTRANCE ROAD		1,180
MAINTENANCE BUILDING ROAD - MAIN ENTRANCE ROAD TO OFFICE BUILDING		2,160
CEDAR GROVE CAMPGROUND ROAD - PADS		4,085
- ROAD		2,365
LODGE AREA		965
TOTAL		32,660

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF QUANTITIES
 IDOT / IDNR
 DIXON SPRINGS STATE PARK

SCALE: VERT.
 HORIZ.
 DATE: 12/08/06
 DRAWN BY: DRR
 CHECKED BY: RGD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		POPE	60	6
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
IDNR PROJECT NO. 05-06-008				

HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	
LOCATION	TON
PICNIC AREA ROAD - STA 10+30 TO STA 15+75	75
POOL HOUSE ROAD - STA 80+45 TO STA 85+78 (BRIDGE NO. 1)	134
BRIDGE NO. 1 TO MAIN ENTRANCE ROAD	45
STA 85+40 TO STA 88+43.70	43
SPRING ENTRANCE ROAD - STA 70+32 TO STA 72+40.7	90
SHELTER NO. 2 ROAD - STA 10+05 TO STA 13+08.62	50
MAIN ROAD NORTH - STA 27+94.5 TO STA 33+85.46	88
STA 34+65.47 TO STA 45+27	125
GROUP CAMP ROAD - MAIN ROAD NORTH TO DEAD END	40
MAIN ENTRANCE ROAD - STA 10+00 TO STA 27+94.50	31.3
MAIN ROAD SOUTH - MAIN ROAD NORTH TO SHELTER NO. 2 ROAD	173
CHURCH ENTRANCE ROAD - MAIN ROAD SOUTH TO LODGE	97
LODGE AREA - CHURCH ENTRANCE ROAD	81
MAINTENANCE BUILDING ROAD - MAIN ENTRANCE ROAD TO OFFICE	178
CEDAR GROVE CAMP GROUND	195
SITE SUPERINTENDANT ENTRANCE ROAD - STA 100+12.4 TO STA 104+49.5	64
TOTAL	1,791

INCIDENTAL HOT-MIX ASPHALT SURFACING	
LOCATION	TON
PICNIC AREA ROAD - STA 9+74.72 (CUL-DE-SAC)	90
STA 9+96 TO STA 10+30 (CUL-DE-SAC)	16
STA 11+00, RT (CONCRETE SLAB)	4
STA 12+50, RT (PARKING)	13
STA 13+50, LT (PARKING)	40
POOL HOUSE ROAD - STA 80+40 TO STA 80+91, RT (PARKING)	12
STA 81+87, RT (PARKING)	2
STA 81+97 TO STA 83+77, RT (PARKING)	75
SHELTER NO.1 ROAD - STA 10+64, RT (PARKING)	8
STA 10+81 TO STA 11+15 (PARKING)	21
SHELTER NO. 2 ROAD - STA 10+50, RT (PARKING)	14
STA 11+00, LT (PARKING)	26
STA 12+50, RT (PARKING)	113
SPRING ENTRANCE ROAD - STA 70+42, RT (SERVICE DRIVE)	9
STA 71+50, RT (PARKING)	27
STA 72+00, LT	72
MAIN ROAD NORTH - STA 35+00, LT (PARKING)	32
STA 40+00, RT (PARKING)	23
STA 44+50, LT (PARKING)	31
GROUP CAMP ROAD - CABINS 1 & 2	21
CABINS 3 & 4	14
CABINS 5 & 6	26
CEDAR GROVE CAMP GROUND - 36 PADS	706
SITE SUPERINTENDANT ENTRANCE ROAD	5
CONTINGENCY	110
TOTAL	1,510

ADJUSTMENTS		
LOCATION	INLETS TO BE ADJUSTED EACH	MANHOLES TO BE ADJUSTED EACH
POOL HOUSE ROAD - STA 81+42, LT	1	
STA 81+67, RT		1
STA 82+60, RT		1
STA 83+98, RT		1
STA 85+34, RT		1
TOTAL	1	4

CONCRETE CURB, TYPE B 9"	
LOCATION	FOOT
MAIN ROAD NORTH - STA 33+17 TO STA 33+85.46	80
STA 34+65.47 TO STA 34+89	30
TOTAL	110

CONCRETE GUTTER		
LOCATION	CONCRETE GUTTER TYPE B FOOT	CLASS SI CONCRETE (OUTLET) CU YD
MAIN ROAD NORTH		
STA 29+95 TO STA 33+62, RT	320	
STA 29+83, RT		1
STA 33+42, RT		4
TOTAL	320	5

PORTLAND CEMENT CONCRETE SIDEWALK		
LOCATION	PCC SIDEWALK 4 INCH SQ FT	SIDEWALK REMOVAL SQ FT
SPRING ENTRANCE ROAD - STA 71+97, LT	70	70
STA 72+44, LT	316	
SHELTER NO. 2 ROAD - STA 11+00, LT	276	
MAIN ROAD NORTH - STA 32+96 TO STA 33+26, LT	171	50
STA 33+17 TO STA 33+85.46, LT	422	
STA 34+65.47 TO STA 34+87, LT	139	
STA 40+00, RT	326	
SITE SUPERINTENDANT ENTRANCE ROAD - STA 104+30, LT	40	40
TOTAL	1,760	160

AGGREGATE SHOULDERS, TYPE B	
LOCATION	TON
PICNIC AREA ROAD - STA 9+74.72 TO STA 15+75	19
SPRING ENTRANCE ROAD - STA 70+42 TO STA 72+40.7	9
POOL HOUSE ROAD - STA 80+40 TO STA 85+78 (BRIDGE NO. 1)	8
STA 85+40 TO STA 88+43.70	9
STA 85+78 (BRIDGE NO.1 TO MAIN ENTRANCE ROAD	5
SHELTER NO. 1 ROAD - STA 10+08 TO STA 11+15	4
SHELTER NO. 2 ROAD - STA 10+05 TO STA 13+08.62	15
MAIN ROAD NORTH - STA 27+94.5 TO STA 34+05.46	5
STA 34+45.47 TO STA 44+61.5	24
GROUP CAMP ROAD - MAIN ROAD NORTH TO DEAD END	4
MAIN ENTRANCE ROAD - STA 10+00 TO STA 27+94.5	24
MAIN ROAD SOUTH - MAIN ENTRANCE ROAD TO SHELTER NO. 2 ROAD	14
CHURCH ENTRANCE ROAD	4
LODGE AREA	5
MAINTENANCE BUILDING ROAD - MAIN ENTRANCE ROAD TO OFFICE BUILDING	9
CEDAR GROVE CAMPGROUND	25
SITE SUPERINTENDANT ENTRANCE ROAD - STA 100+12.4 TO STA 104+49.5	6
TOTAL	189

DETECTABLE WARNINGS		
LOCATION		SQ FT
SPRING ENTRANCE ROAD	STA 71+97, LT	10
MAIN ROAD NORTH	STA 33+00, LT	10
	STA 33+17, LT	10
	STA 33+21, LT	10
	STA 34+86, LT	10
	STA 40+13, RT	10
TOTAL		60

AGGREGATE SURFACE COURSE, TYPE B	
LOCATION	TON
PICNIC AREA ROAD	
STA 14+17, LT	7
STA 14+28, LT	4
POOL HOUSE ROAD - STA 80+40, LT & RT	9
TOTAL	20

PAVEMENT MARKING					
LOCATION	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS SQ YD	PAINT PAVEMENT MARKING-LINE 4" FOOT	PAINT PAVEMENT MARKING-LINE 6" FOOT	PAINT PAVEMENT MARKING-LINE 12" FOOT	PAINT PAVEMENT MARKING-LINE 24" FOOT
POOL HOUSE ROAD	9.2	1,110			
SHELTER NO. 2 ROAD	9.2	545			
SPRING ENTRANCE ROAD	4.6	355	90	160	
MAIN ROAD NORTH	4.6	375			
MAINTENANCE OFFICE / SHOP	4.6	985			
PICNIC AREA ROAD		290			
SHELTER NO. 1 ROAD		275			
MAIN ENTRANCE ROAD @ IL RTE 146					40
POOL HOUSE ROAD @ MAIN ENTRANCE ROAD					20
MAINTENANCE ROAD @ MAIN ENTRANCE ROAD					25
PICNIC AREA ROAD @ MAIN ENTRANCE ROAD					15
CEDAR GROVE CAMPGROUND @ MAIN ENTRANCE ROAD					15
MAIN ROAD SOUTH @ MAIN ENTRANCE ROAD					20
TOTAL	32.2	3,560	90	160	135

WOOD POSTS SPECIAL	
LOCATION	EACH
PICNIC ROAD AREA	
STA 12+50, RT	7
STA 13+00, LT	7
STA 13+75, LT	12
POOL HOUSE ROAD	
STA 80+50	4
STA 83+77 TO STA 84+05, RT	7
STA 85+78 (BRIDGE NO. 1)	14
SPRING ENTRANCE ROAD - STA 71+50, RT	16
MAIN ROAD NORTH	
STA 35+00, LT	17
STA 40+00, RT	11
STA 44+75, LT	14
MAIN ENTRANCE ROAD - STA 25+15 (BRIDGE NO. 2)	14
SHELTER NO. 2 ROAD	
STA 10+03, LT & RT	5
STA 10+50, RT	7
STA 10+50, LT	40
TOTAL	175

FURNISHING AND INSTALLING SIGNS	
LOCATION	EACH
NEW ENTRANCE SIGN - STA 10+85, LT (MAIN ENTRANCE ROAD)	1
SIGN D1 - STA 14+00, RT (MAIN ENTRANCE ROAD)	1
SIGN D2 - STA 21+40, RT (MAIN ENTRANCE ROAD)	1
SIGN D3 - STA 22+60, LT (MAIN ENTRANCE ROAD)	1
SIGN D4 - STA 26+30, RT (MAIN ENTRANCE ROAD)	1
SIGN D5 - STA 27+65, RT (MAIN ENTRANCE ROAD)	1
SIGN D6 - STA 32+00, RT (MAIN ROAD NORTH)	1
SIGN D7 - STA 44+50, RT (MAIN ROAD NORTH)	1
SIGN D8 - STA 45+27, RT (MAIN ROAD NORTH)	1
SIGN D9 - STA 13+00, RT (SHELTER NO. 2 ROAD)	1
SIGN D10 - STA 13+28, RT (SHELTER NO. 2 ROAD)	1
SIGN D11 - STA 13+18, LT (SHELTER NO. 2 ROAD)	1
SIGN D12 - 165' RT MAIN ENTRANCE ROAD @ MAIN ROAD SOUTH	1
TOTAL	13

LANDSCAPE ITEMS							
LOCATION	NITROGEN FERTILIZER NUTRIENTS POUND	PHOSPHORUS FERTILIZER NUTRIENTS POUND	POTASSIUM FERTILIZER NUTRIENTS POUND	SEEDING, CLASS 1B ACRE	MULCH, METHOD 2 TON	TEMPORARY SEEDING POUND	EROSION CONTROL BLANKET SQ YD
SPRING ENTRANCE ROAD	8	8	8	0.09	0.15	13	0
SHELTER NO.1 TO POOL HOUSE	9	9	9	0.10	0.2	15	0
IL RTE 146	9	9	9	0.10	0.2	15	455
MAIN ROAD NORTH	1	1	1	0.01	0.05	2	0
TOTAL	27	27	27	0.3	0.6	45	455

STONE RIPRAP, CLASS A4		
LOCATION		SQ YD
POOL HOUSE ROAD	STA 80+40, LT	24
	STA 82+00, RT	9
	STA 82+50 TO STA 83+76, RT	142
MAIN ROAD NORTH (STRUCTURE NO. 076-9924)	STA 34+25.46	140
TOTAL		315

REVISIONS	
NAME	DATE
AGGREGATE SHOULDERS	5/22/07

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF QUANTITIES
 IDOT / IDNR
 DIXON SPRINGS STATE PARK

SCALE: VERT.
 HORIZ.
 DATE: 12/08/06

DRAWN BY: DRR
 CHECKED BY: RGD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		POPE	60	7
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
IDNR PROJECT NO. 05-06-008				

LAYOUT COORDINATE SCHEDULE			
POINT	NORTHING	EASTING	DESCRIPTION/ REMARKS
521	261059.211	886847.379	IRON ROD
9621	261277.320	886784.838	PK NAIL
502	261021.943	887056.827	PK NAIL
503	261132.398	887205.127	PK NAIL
504	260851.928	887301.735	IRON ROD
505	260636.382	887484.659	IRON ROD
506	261338.382	886712.341	IRON ROD W/CAP
507	261518.904	886812.954	NO. 60"D" NAIL
508	261722.823	886274.368	IRON ROD W/CAP
509	261504.097	886268.914	IRON ROD
511	262312.364	886687.651	PK NAIL
512	262688.994	886908.783	PK NAIL
513	262522.654	886939.071	PK NAIL
514	262749.417	887741.482	IRON ROD W/CAP
515	262990.967	887862.674	PK NAIL
517	261770.483	887677.420	NO. 60 "D" NAIL
518	261712.582	887374.395	NO. 60 "D" NAIL
519	261798.831	887385.354	NO. 60 "D" NAIL
550	260177.797	890516.262	IRON ROD
551	260249.000	890525.129	IRON ROD
552	259795.615	890461.399	IRON ROD

BENCHMARK LOCATIONS		
NUMBER	DESCRIPTION	ELEVATION
10	CHISLED "□" CUT IN CENTER OF NORTH HEADWALL OF X-ROAD BOX CULVERT IN NW QUADRANT OF STATE PARK ENTRANCE & IL RTE 146	511.59
13	CHISLED "□" CUT IN NE END OF NORTH HUB GUARD OF BRIDGE NO. 1	457.12
17	CHISLED "□" CUT IN NE CORNER OF TOP FOOT BRIDGE WALL AT SW CORNER OF POOL	439.13
18	CHISLED "□" CUT IN NE CORNER OF CONCRETE DRINKING FOUNTAIN PAD NEAR THE RESTROOMS, NORTH OF POOL	438.99
21	RAILROAD SPIKE IN POWER POLE, 250 FOOT ± SOUTH OF BRIDGE NO. 4 ON EAST SIDE OF ROADWAY	497.15
22	CHISLED "□" CUT IN NW CORNER OF CONCRETE DECK OF BRIDGE NO. 4	465.89

APPLICATION RATES	
GRANULAR MATERIALS	2.05 TONS/CY
BITUMINOUS MATERIAL (PRIME COAT)	04. GAL/SQ YD ON AGGREGATE (MC-30)
BITUMINOUS MATERIAL (PRIME COAT)	0.1 GAL/SQ YD ON HARD SURFACE (RC-70)
HOT-MIX ASPHALT	112*/IN/SQ YD
NITROGEN FERTILIZER NUTRIENT	90 LB/ACRE
PHOSPHERUS FERTILIZER NUTRIENT	90 LB/ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LB/ACRE
MULCH METHOD 2	2 TONS/ACRE

GENERAL NOTES

- IF SO DIRECTED BY THE ENGINEER, DITCHES ADJACENT TO EMBANKMENTS SHALL BE CONSTRUCTED PRIOR TO STARTING THE CONSTRUCTION OF THE EMBANKMENT FILL.
- THE ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT AND SHOULDER SLOPES SHALL NOT EXCEED 9% . THE SHOULDER ON THE OUTSIDE OF SUPERELEVATED CURVES SHALL BE FLATTENED ACCORDINGLY.
- TREES SHALL BE PRESERVED THROUGHOUT THIS SECTION AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. GENERALLY, TREES OUTSIDE THE CLEAR ZONE, AND WHICH DO NOT INTERFERE WITH CONSTRUCTION, SHALL NOT BE DISTURBED.
- EARTHWORK COMPACTION SHALL BE TO THE SATISFACTION OF THE ENGINEER.
- FORMS FOR (CONCRETE GUTTER; CONCRETE CURB; COMBINATION CONCRETE CURB AND GUTTER) SHALL BE OF METAL ONLY, EXCEPT THAT WOOD FORMS MAY BE USED ON SHORT RADIUS CURVES.
- ALL PIPE CULVERTS DESIGNATED ON THE PLANS (R.C.C.P.) SHALL BE "REINFORCED CONCRETE CULVERT, STORM DRAIN AND SEWER PIPE" CONFORMING TO THE REQUIREMENTS OF ARTICLE 1040.03.
- PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS, FACE OF CURB, AND MEDIAN SURFACE AS NEEDED ACCORDING TO THE SEASONAL REQUIREMENTS OF ARTICLE 420.21.
- 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 TO BE CONSTRUCTED.
- PLANTING LOCATIONS FOR ALL TREES OR SHRUBS SHALL BE DESIGNATED AT THE TIME OF CONSTRUCTION BY THE PARK SITE MANAGER.
- CAMPER PADS IN THE CEDAR GROVE CAMPGROUND SHOULD BE LEVELED WITH AGGREGATE AND SURFACED WITH INCIDENTAL HOT-MIX SURFACING. THE CONTRACTOR AND THE RESIDENT ENGINEER SHALL REVIEW EACH PAD SITE TO DETERMINE THE APPROPRIATE AMOUNT OF AGGREGATE AND LEVELING POSSIBLE.
- THE RESIDENT ENGINEER SHALL CHECK AND MEASURE ROCK EXCAVATION AFTER THE CONTRACTOR HAS EXCAVATED ANY EARTHEN MATERIAL COVERING THE ROCK. THE EARTHWORK TABLE AND ROCK EXCAVATION TABLE ON THIS SHEET SHALL BE ADJUSTED BASED UPON THE ACTUAL AMOUNT OF ROCK TO BE EXCAVATED AS DETERMINED BY THE FIELD CONDITIONS.
- THIS PROJECT INCLUDES SEVERAL AREAS OF ROADWAY WIDENING. NO "WIDENING" PAY ITEMS ARE INCLUDED HEREIN. ALL WORK SHALL BE PAID FOR AS NOTED WHETHER THE WIDTH OF THE WORK AREAS EXCEEDS SIX FEET OR NOT WHETHER IT IS LESS THAN SIX FEET.

EARTHWORK TABLE					
LOCATION	CUT VOLUME		FILL VOLUME		REMARKS
	CU YD	CU YD	CU YD	CU YD	
MAIN ROAD NORTH	254	187	191	+4	*
PICNIC AREA ROAD	213	16	160	+144	**
POOL HOUSE ROAD	248	187	186	-1	**
SPRING ROAD	95	1	71	+70	**
SHELTER NO. 2 ROAD	107	17	80	+63	**
IL RTE 146	242	0	182	+182	***
SHELTER NO. 1 AREA	17	0	13	+13	****
ROAD REMOVAL (SHELTER NO.1 TO POOL HOUSE ROAD)	66	22 FILL 44 TOPSOIL	50	+28	*****
PARKING LOT NEAR SHELTER NO. 2	11	0	8	+8	****
PARKING AREAS @ GROUP CAMP CABINS	110	0	83	+83	****
TOTAL	1,363	430	1,024	+594	

- * FROM CROSS SECTIONS ADJUSTED FOR ASSUMED ROCK EXCAVATION
- ** FROM CROSS SECTIONS
- *** FROM ALTERNATE CROSS SECTIONS AND INCREASED FOR POSSIBLE 2:1 BACK SLOPE
- **** CALCULATED BY HAND FOR AGGREGATE BASE AREA
- ***** CALCULATED BY HAND FOR REMOVAL OF UPPER SIX INCHES OF ROAD

LEGEND

	SIGN		STONE DUMPED RIPRAP CLASS A4
	MANHOLE		AGGREGATE BASE COURSE, TYPE B
	CONTOUR		AGGREGATE SURFACE COURSE, TYPE B
	TIMBER LINE		PCC SIDEWALK- 4"
	PIPE CULVERT (VARIOUS SIZES)		PCC SURFACING REMOVAL BUTT JOINT
	IRON ROD		SIDEWALK REMOVAL
	BENCHMARK		HOT MIX ASPHALT SURFACE REMOVAL BUTT JOINT
	SIGN		DETECTABLE WARNINGS
	STREET LIGHT		CONCRETE PARKING BLOCK
	GUY WIRE		ADJUST FRAME & GRATE
	POWER POLE		TREE REMOVAL
	YARD HYDRANT		PRECAST REINFORCED CONCRETE
	UNDERGROUND ELECTRIC		TRENCH BACKFILL
	OVERHEAD UTILITIES		
	SANITARY SEWER		
	STORM SEWER		
	EVERGREEN TREE		
	DECIDUOUS TREE		
	STORM INLET		

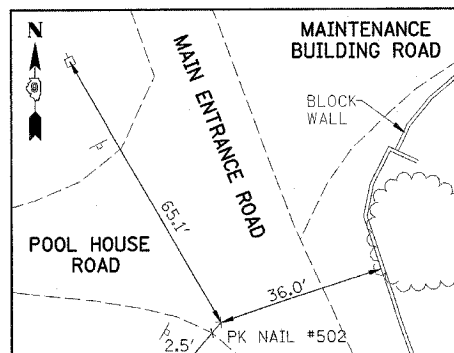
ROCK EXCAVATION TABLE				
LOCATION	CUT VOLUME	FILL VOLUME	WASTE (+) OR BORROW (-)	REMARKS
	CU YD	CU YD	CU YD	
MAIN ROAD NORTH	16	0	16	*
IL RTE 146	104	0	104	**
SIGNS	3	0	3	***
WOOD POSTS SPECIAL	5	0	5	****
WOOD GUARD RAIL	3	0	3	*****
TOTAL	131	0	131	

- * FROM CROSS SECTIONS AND ASSUMED 90% FROM STA 37+50 TO STA 38+10
- ** FROM CROSS SECTIONS AND ASSUMED ROCK AT SIX INCHES BELOW SURFACE
- *** ASSUMED 50% OF SIGN POSTS IN ROCK
- **** ASSUMED 50% OF WOOD POSTS IN ROCK
- ***** ASSUMED 80% OF GUARD RAIL POSTS IN ROCK

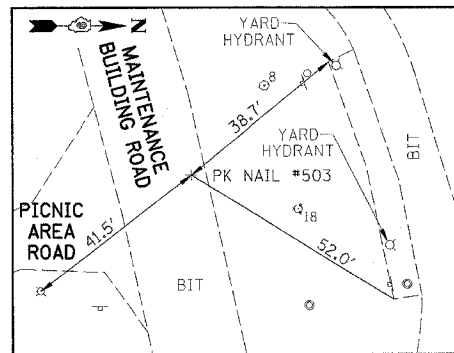
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 GENERAL NOTES & BENCHMARKS
 IDOT / IDNR
 DIXON SPRINGS STATE PARK
 SCALE: VERT. HORIZ.
 DATE: 12/08/06
 DRAWN BY: DRR
 CHECKED BY: RGD

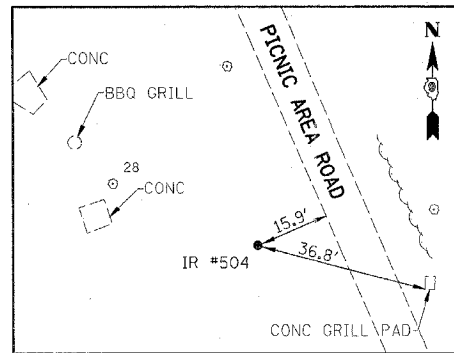
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		POPE	60	8
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
IDNR PROJECT NO. 05-06-008				



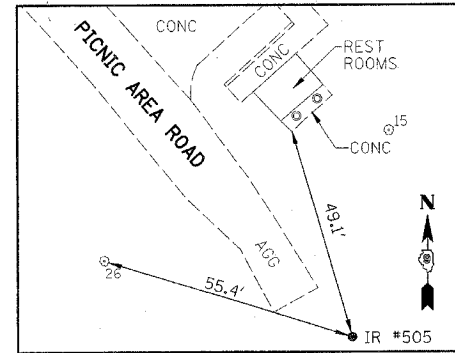
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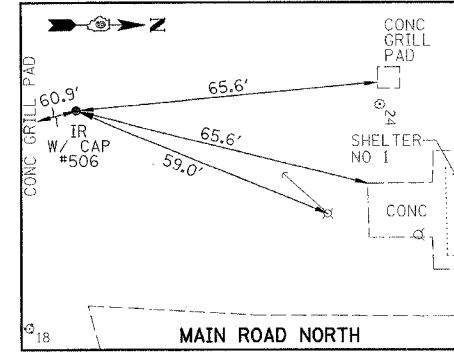
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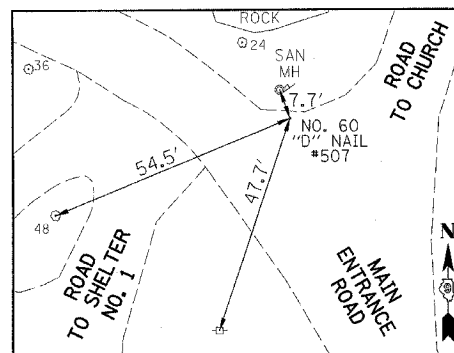
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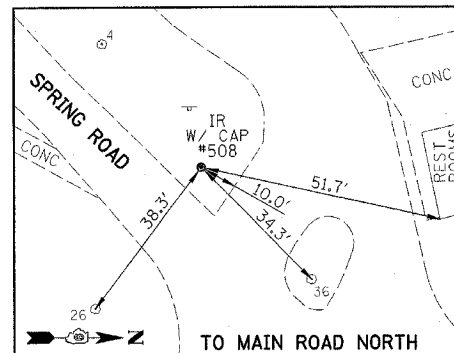
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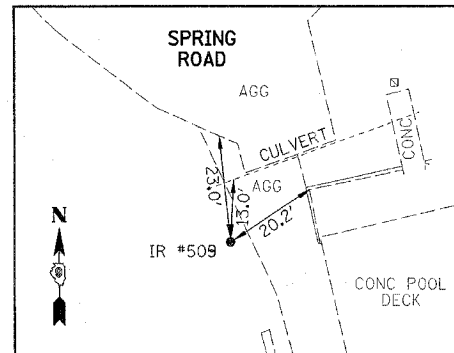
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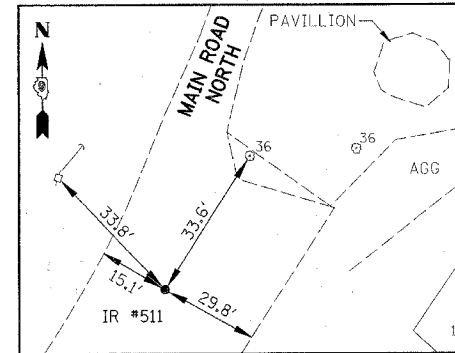
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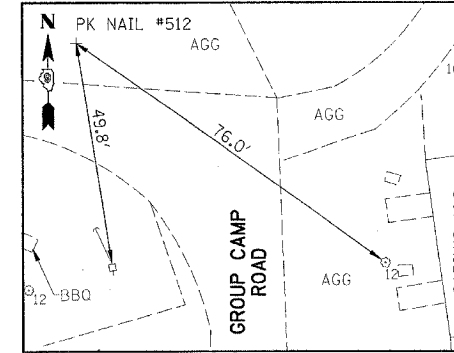
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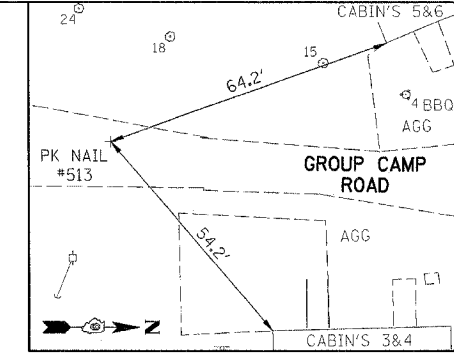
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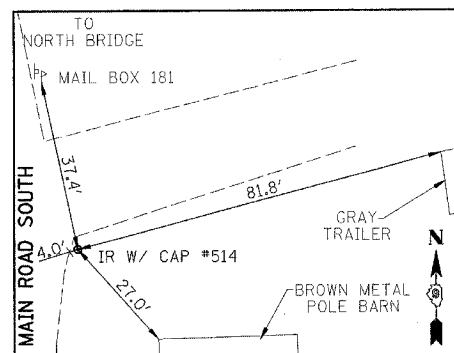
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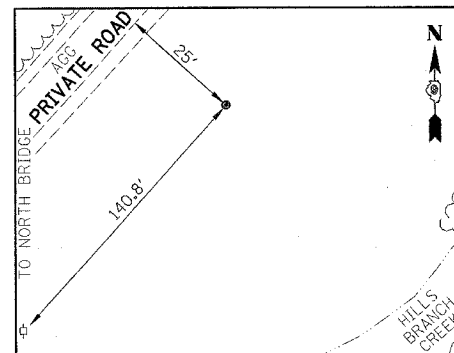
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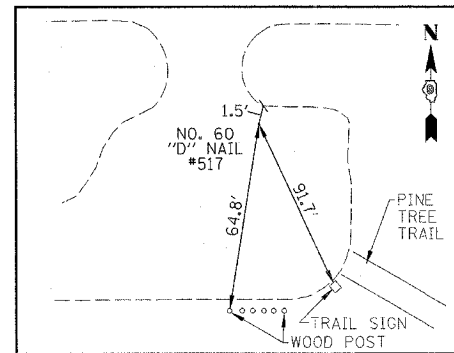
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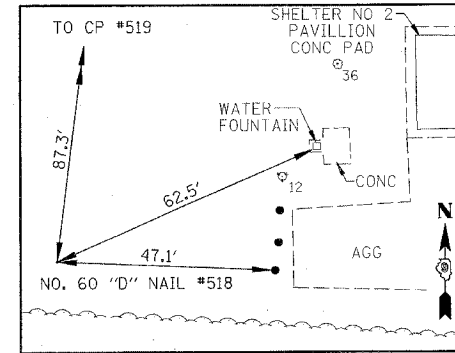
CONTROL PT #514
(IRON ROD W/ CAP)
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E887741.482



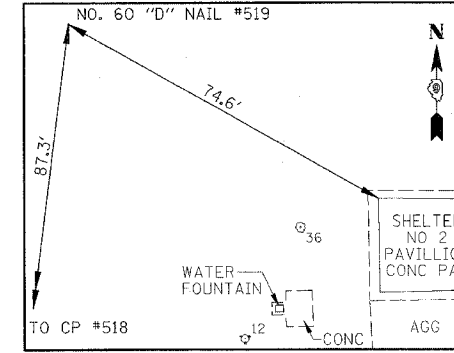
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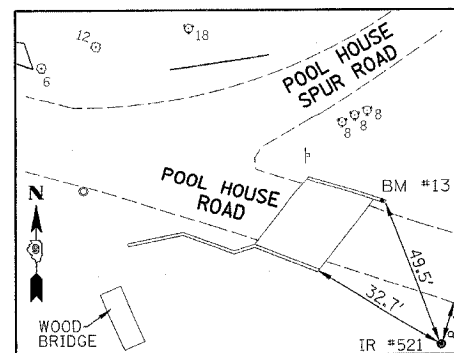
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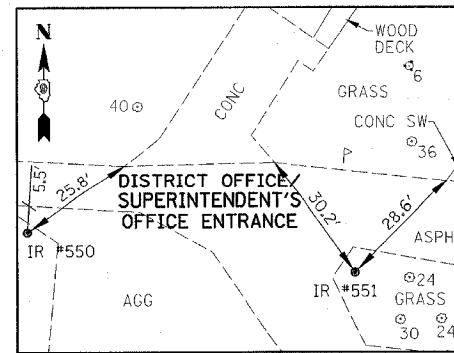
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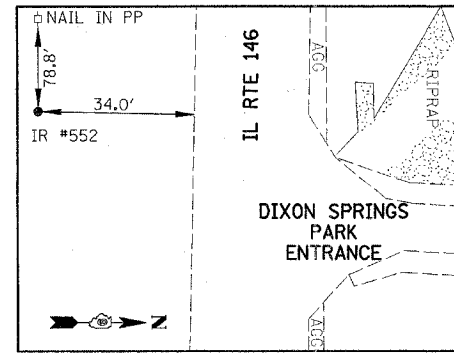
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E887385.354



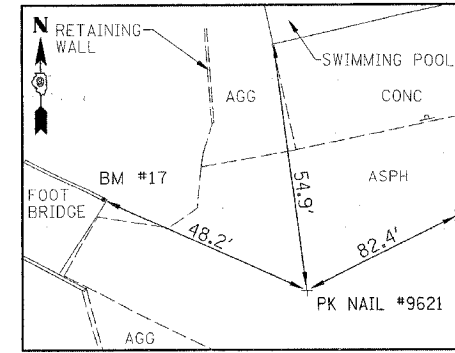
CONTROL PT #521
(IRON ROD)
N261059.211
E886847.379



CONTROL PT #550 / CONTROL PT #551
(IRON ROD) (IRON ROD)
N260177.797 N260249.000
E890516.262 E890525.129



CONTROL PT #552
(IRON ROD)
N259795.815
E890461.399



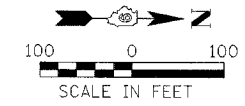
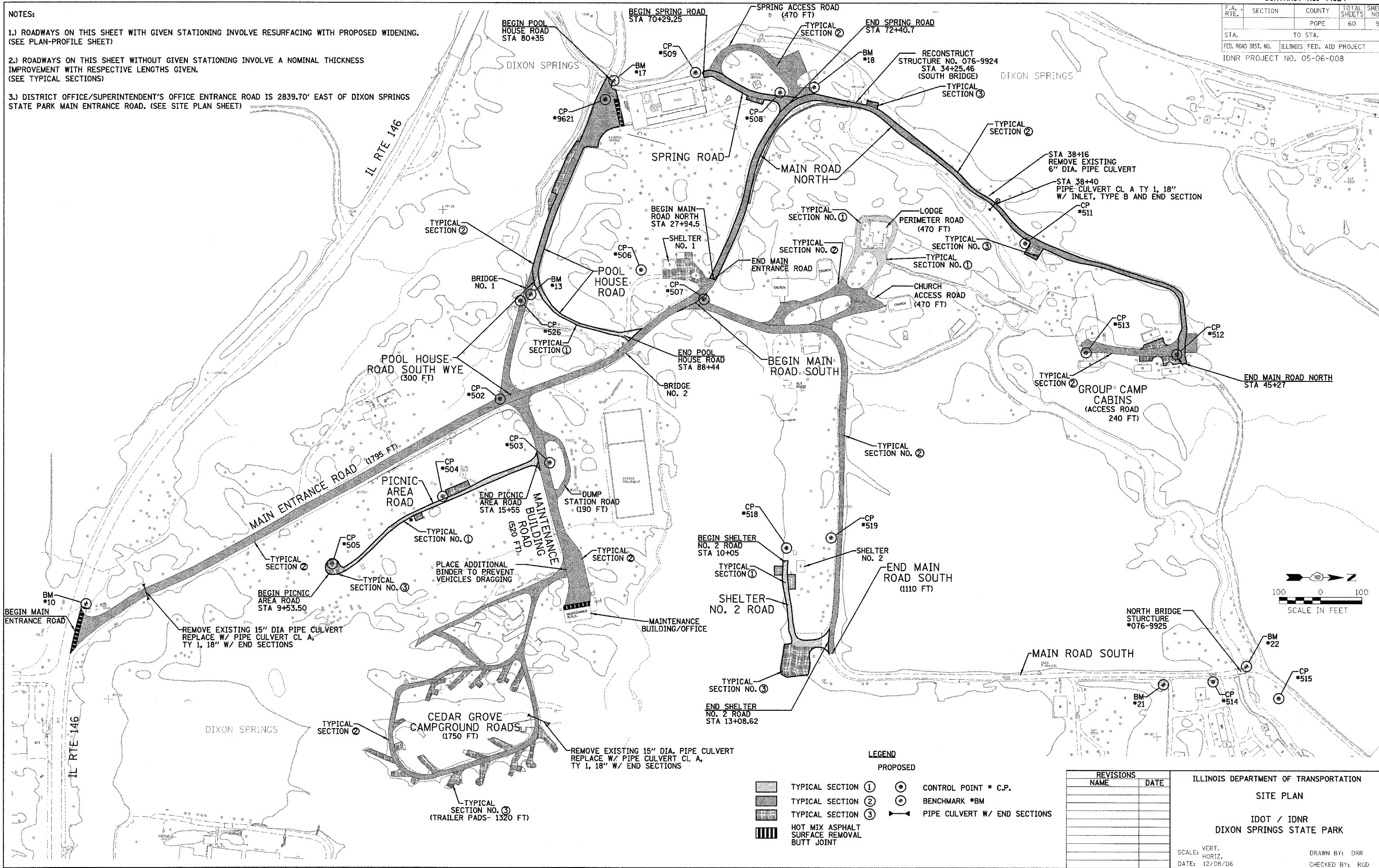
CONTROL PT #9621
(PK NAIL)
N261277.320
E886384.838

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
CONTROL SURVEY TIES
IDOT / IDNR
DIXON SPRINGS STATE PARK
SCALE: VERT. DRAWN BY: DRR
 HORIZ. CHECKED BY: RGD
DATE: 12/08/06

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		POPE	60	9
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
IDNR PROJECT NO. 05-06-008				

- NOTES:
- 1.) ROADWAYS ON THIS SHEET WITH GIVEN STATIONING INVOLVE RESURFACING WITH PROPOSED WIDENING. (SEE PLAN-PROFILE SHEET)
 - 2.) ROADWAYS ON THIS SHEET WITHOUT GIVEN STATIONING INVOLVE A NOMINAL THICKNESS IMPROVEMENT WITH RESPECTIVE LENGTHS GIVEN. (SEE TYPICAL SECTIONS)
 - 3.) DISTRICT OFFICE/SUPERINTENDENT'S OFFICE ENTRANCE ROAD IS 2839.70' EAST OF DIXON SPRINGS STATE PARK MAIN ENTRANCE ROAD. (SEE SITE PLAN SHEET)



- LEGEND
- PROPOSED
- TYPICAL SECTION ①
 - TYPICAL SECTION ②
 - TYPICAL SECTION ③
 - HOT MIX ASPHALT SURFACE REMOVAL BUTT JOINT
 - CONTROL POINT * C.P.
 - BENCHMARK * BM
 - PIPE CULVERT W/ END SECTIONS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SITE PLAN

IDOT / IDNR

DIXON SPRINGS STATE PARK

SCALE: VERT. _____

HORIZ. _____

DATE: 12/08/06

DRAWN BY: DRR

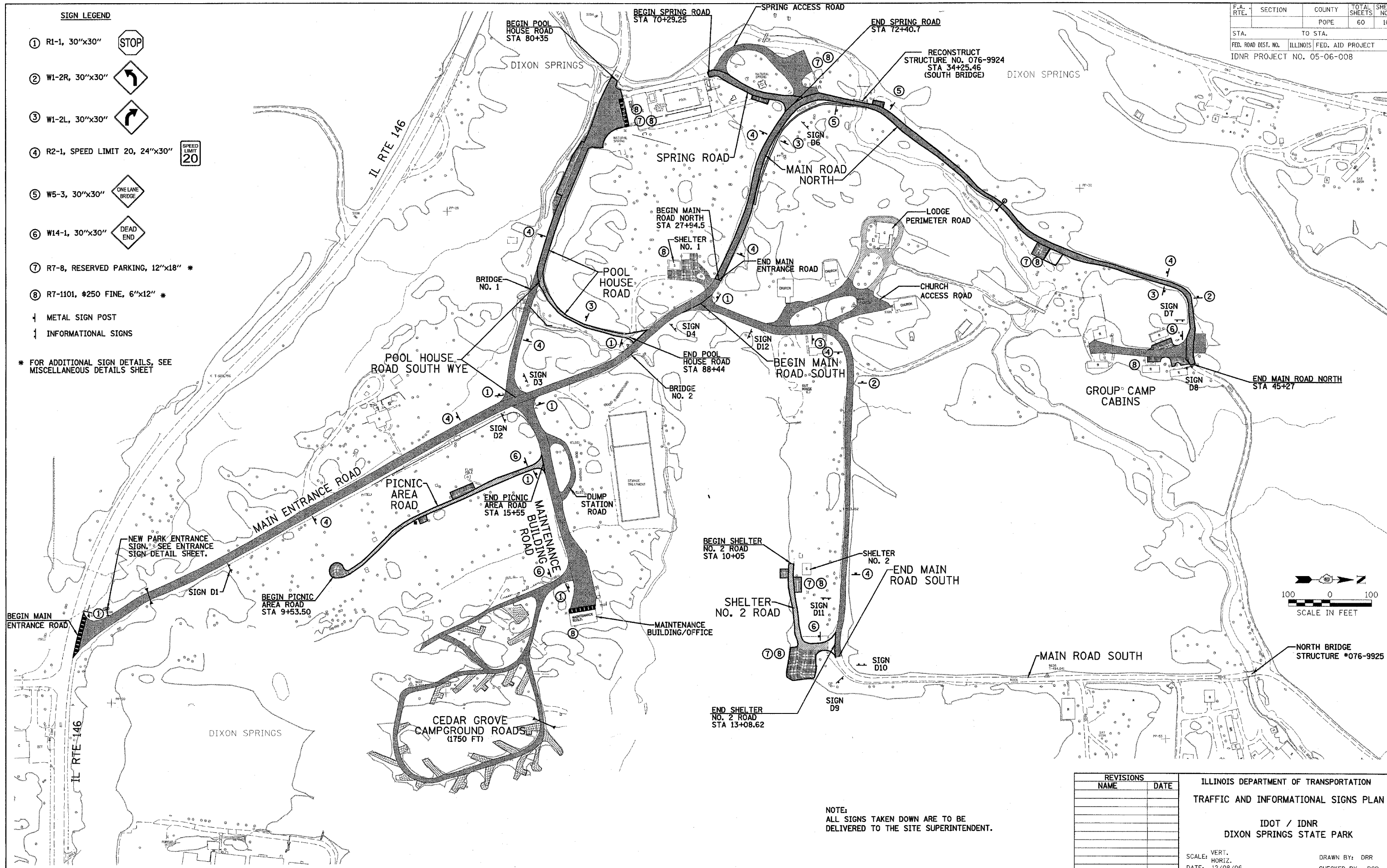
CHECKED BY: RGD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		POPE	60	10
STA. TO STA.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
IDNR PROJECT NO. 05-06-008				

SIGN LEGEND

- ① R1-1, 30"x30"
- ② W1-2R, 30"x30"
- ③ W1-2L, 30"x30"
- ④ R2-1, SPEED LIMIT 20, 24"x30"
- ⑤ W5-3, 30"x30"
- ⑥ W14-1, 30"x30"
- ⑦ R7-8, RESERVED PARKING, 12"x18" *
- ⑧ R7-1101, #250 FINE, 6"x12" *
- + METAL SIGN POST
- ↓ INFORMATIONAL SIGNS

* FOR ADDITIONAL SIGN DETAILS, SEE MISCELLANEOUS DETAILS SHEET

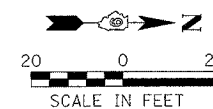
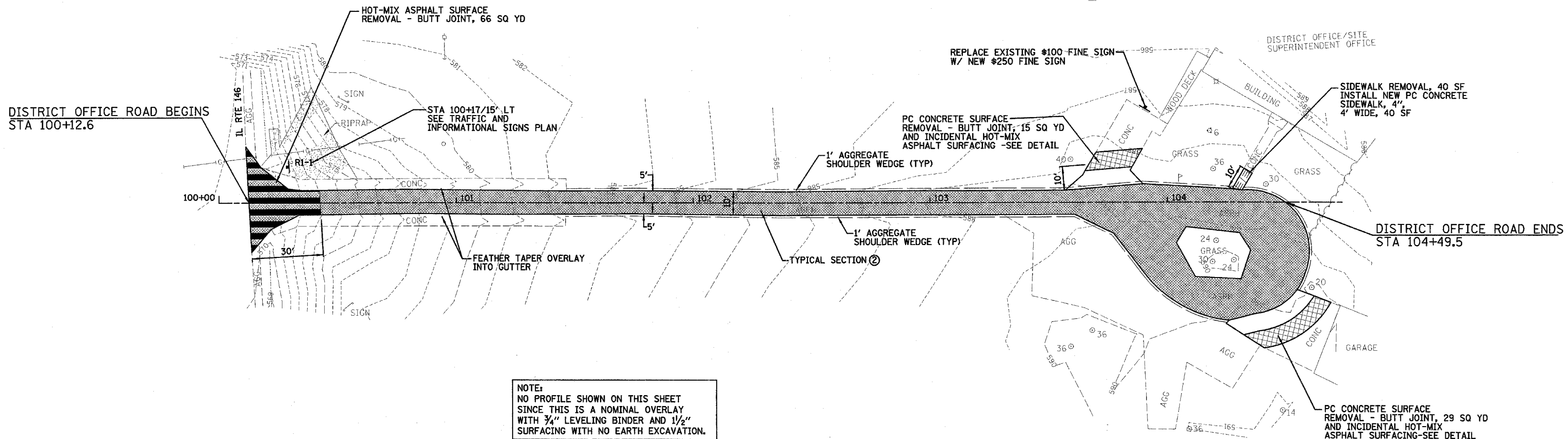


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TRAFFIC AND INFORMATIONAL SIGNS PLAN
 IDOT / IDNR
 DIXON SPRINGS STATE PARK
 SCALE: VERT. DRAWN BY: DRR
 HORIZ. CHECKED BY: RGD
 DATE: 12/08/06

NOTE:
 ALL SIGNS TAKEN DOWN ARE TO BE
 DELIVERED TO THE SITE SUPERINTENDENT.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		POPE	60	11
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
IDNR PROJECT NO. 05-06-008				

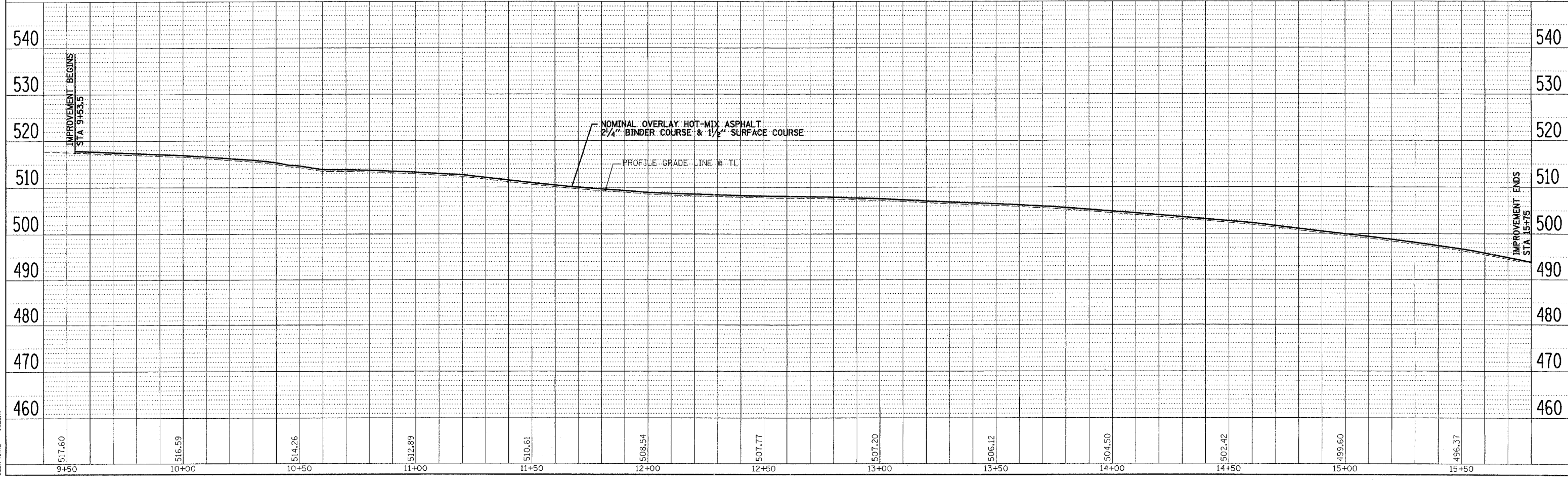
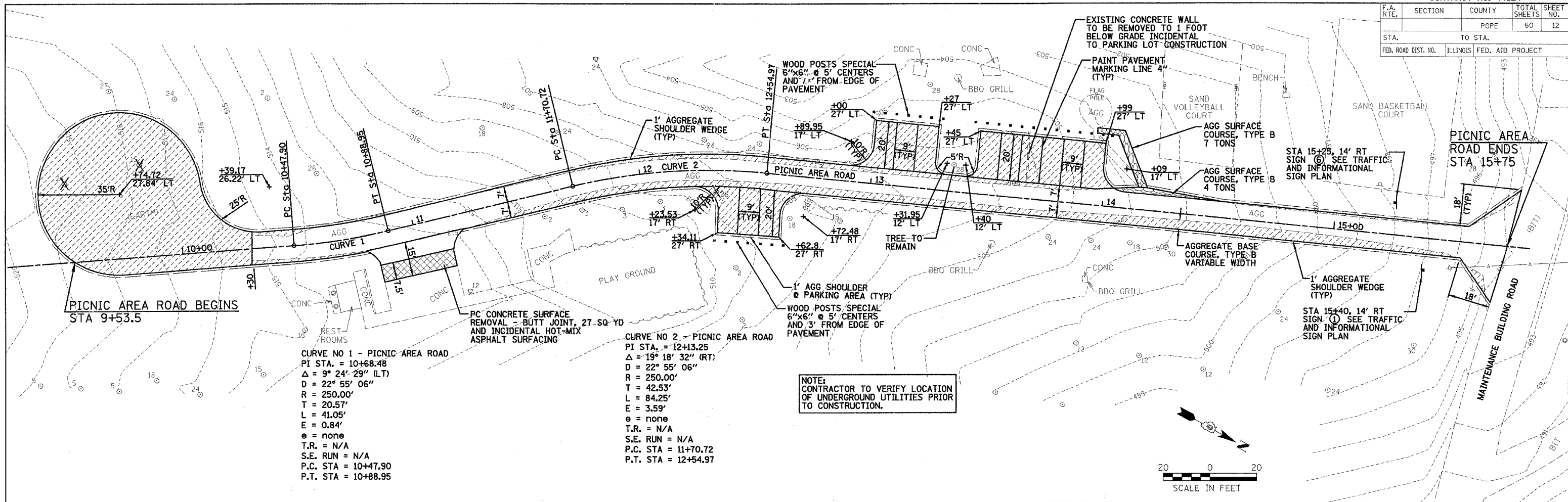


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DISTRICT OFFICE ROAD
 -SITE SUPERINTENDENT SITE PLAN
 IDOT / IDNR
 DIXON SPRINGS STATE PARK

SCALE: VERT. DATE: 12/08/06
 HORIZ. DRAWN BY: DRR
 CHECKED BY: RGD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		POPE	60	12
STA. TO STA.		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO.				

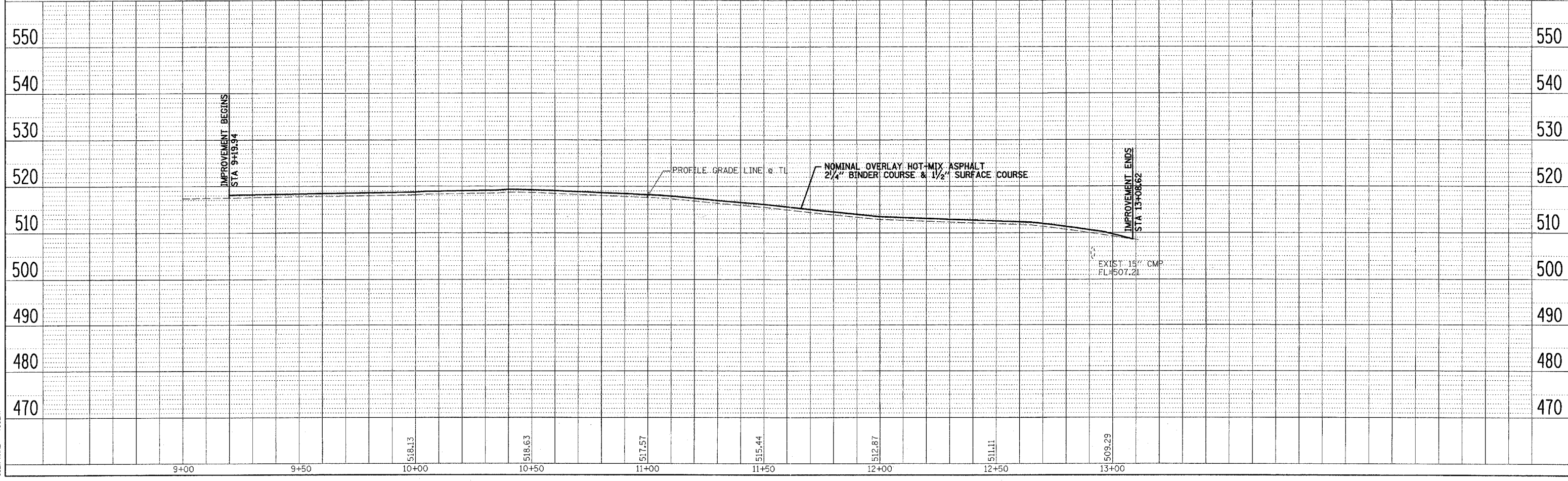
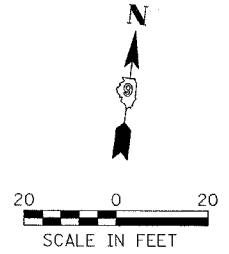
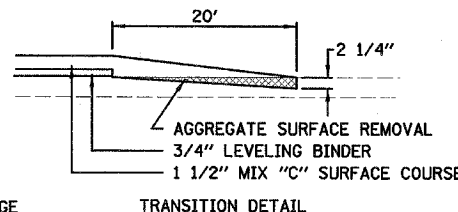
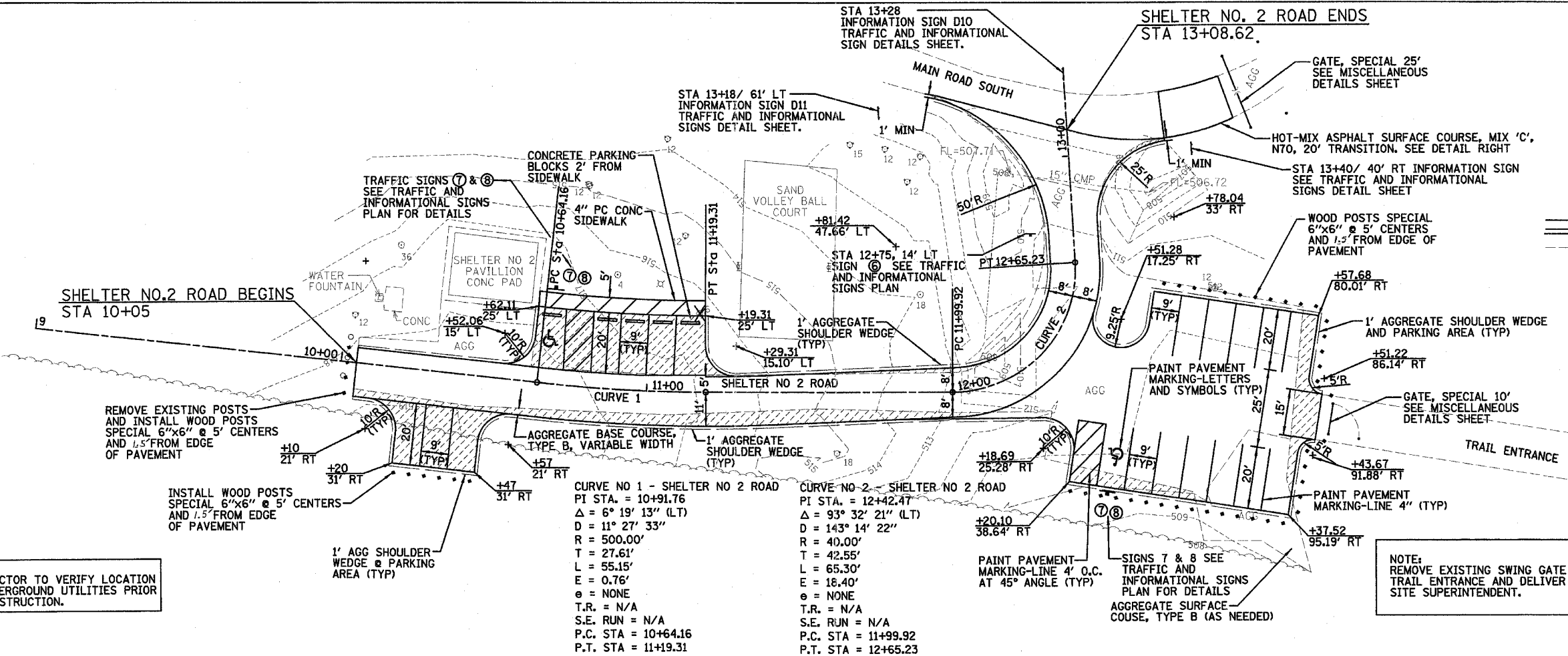


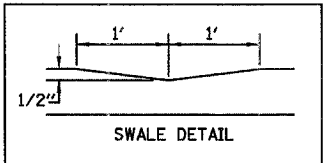
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		POPE	60	13
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

DATE: _____ BY: _____
 SURVEYED: _____
 PLOTTED: _____
 CHECKED: _____
 NOTE BOOK NO. _____
 CADD FILE NAME: _____

DATE: _____ BY: _____
 SURVEYED: _____
 PLOTTED: _____
 CHECKED: _____
 NOTE BOOK NO. _____
 CADD FILE NAME: _____

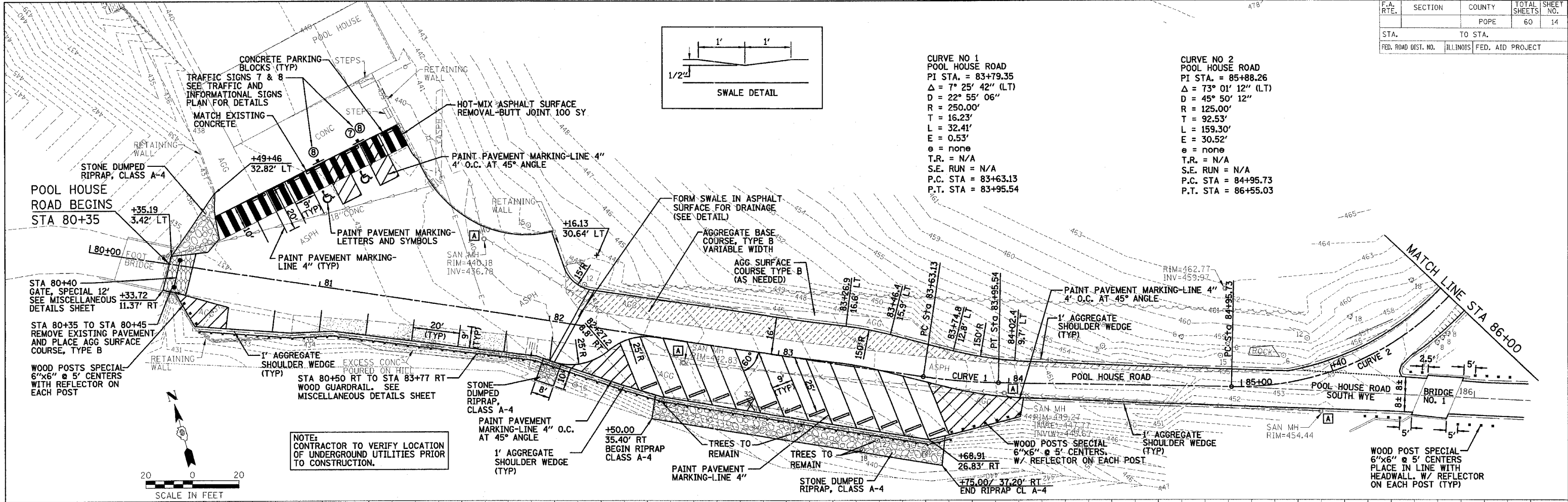
DATE: _____ BY: _____
 SURVEYED: _____
 PLOTTED: _____
 CHECKED: _____
 NOTE BOOK NO. _____
 CADD FILE NAME: _____



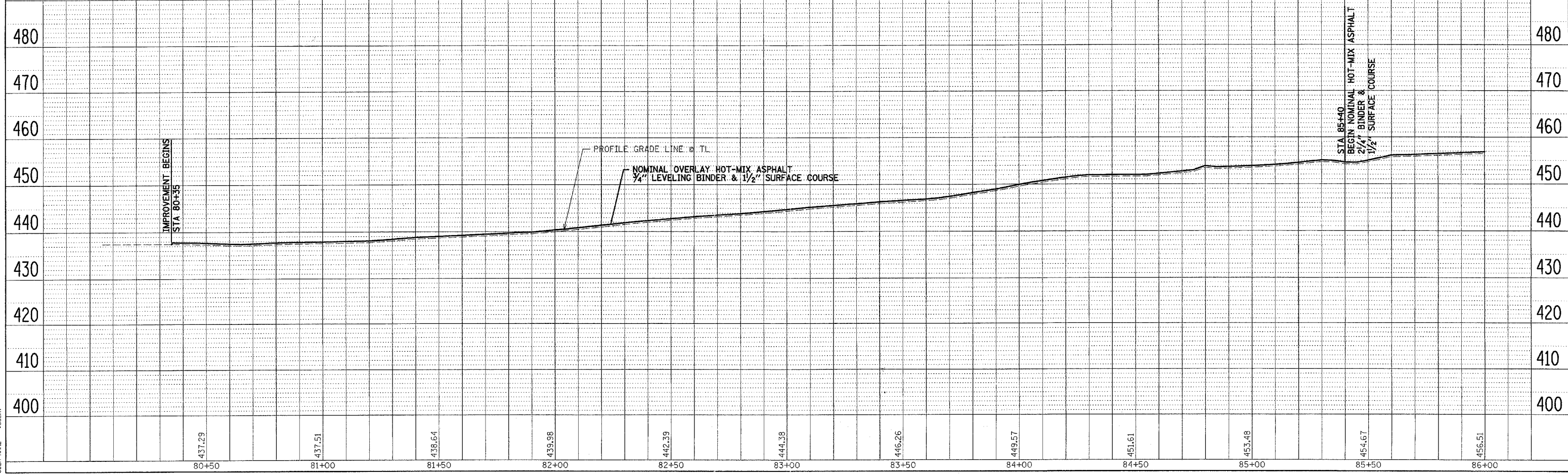


CURVE NO 1
 POOL HOUSE ROAD
 PI STA. = 83+79.35
 $\Delta = 7^\circ 25' 42''$ (LT)
 $D = 22^\circ 55' 06''$
 $R = 250.00'$
 $T = 16.23'$
 $L = 32.41'$
 $E = 0.53'$
 $e = \text{none}$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA = 83+63.13$
 $P.T. STA = 83+95.54$

CURVE NO 2
 POOL HOUSE ROAD
 PI STA. = 85+88.26
 $\Delta = 73^\circ 01' 12''$ (LT)
 $D = 45^\circ 50' 12''$
 $R = 125.00'$
 $T = 92.53'$
 $L = 159.30'$
 $E = 30.52'$
 $e = \text{none}$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA = 84+95.73$
 $P.T. STA = 86+55.03$



NOTE: CONTRACTOR TO VERIFY LOCATION OF UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.



DATE: _____ BY: _____
 SURVEYED: _____ PLOTTED: _____
 NOTE BOOK NO. _____ CHECKED: _____
 STRUCTURE NOTATION: _____
 FILE NAME: _____
 PLOT SCALE: _____
 USER NAME: _____

DATE: _____ BY: _____
 SURVEYED: _____ PLOTTED: _____
 NOTE BOOK NO. _____ CHECKED: _____
 STRUCTURE NOTATION: _____
 FILE NAME: _____
 PLOT SCALE: _____
 USER NAME: _____

DATE: _____ BY: _____
 SURVEYED: _____ PLOTTED: _____
 NOTE BOOK NO. _____ CHECKED: _____
 STRUCTURE NOTATION: _____
 FILE NAME: _____
 PLOT SCALE: _____
 USER NAME: _____

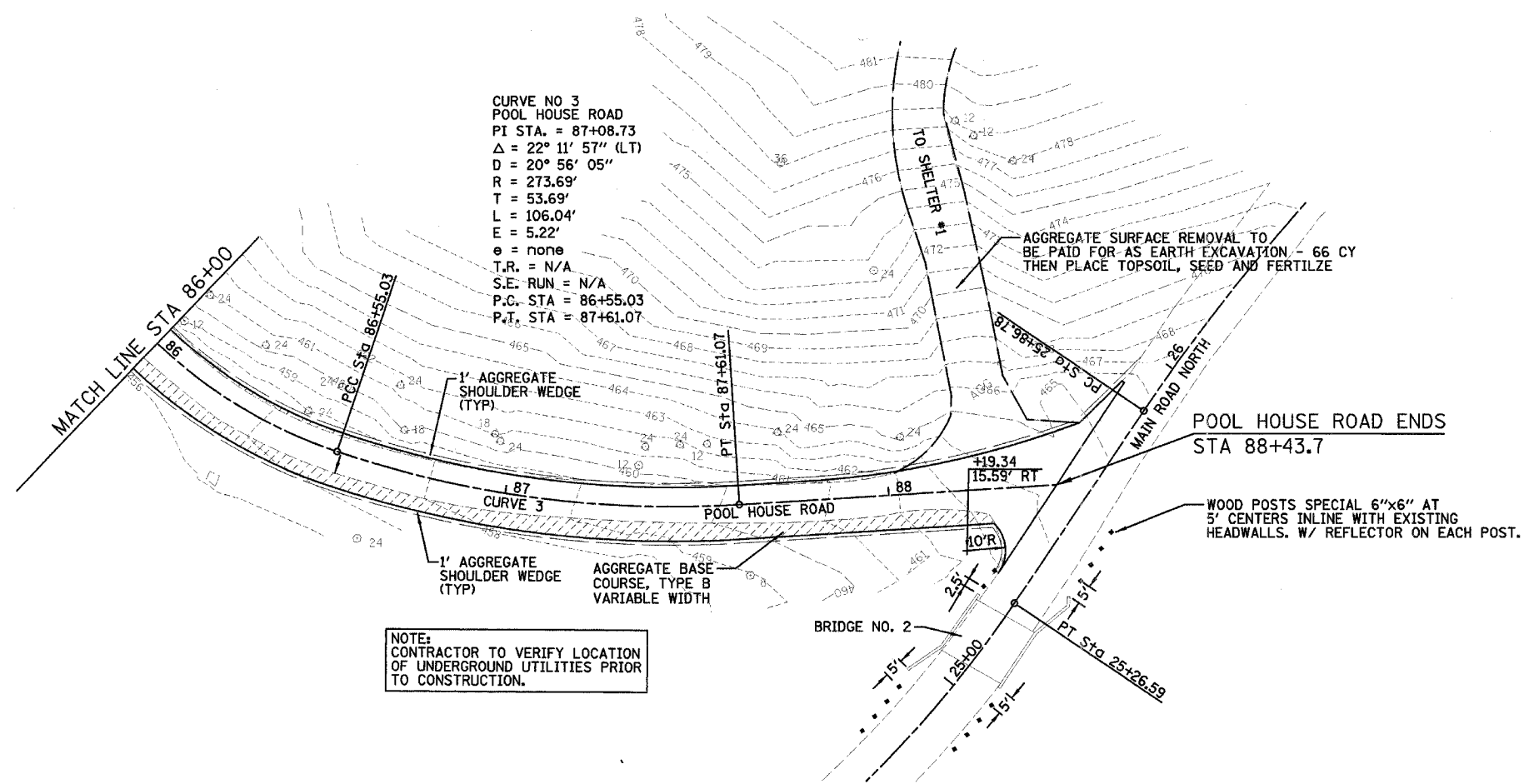
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			58	15
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DATE: _____
 BY: _____
 SURVEYED: _____
 ALIGNED: _____
 CHECKED: _____
 RT. OF WAY: _____
 PLOTTED: _____
 FILE NAME: _____

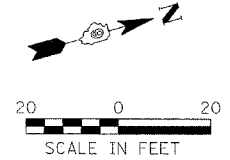
DATE: _____
 BY: _____
 SURVEYED: _____
 BAL. NO. ED. _____
 STRUCTURE NOTATION: _____
 NO. _____

PLOT DATE = #DATE#
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#

CURVE NO 3
 POOL HOUSE ROAD
 PI STA. = 87+08.73
 $\Delta = 22^\circ 11' 57''$ (LT)
 $D = 20^\circ 56' 05''$
 $R = 273.69'$
 $T = 53.69'$
 $L = 106.04'$
 $E = 5.22'$
 $\theta = \text{none}$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA = 86+55.03$
 $P.T. STA = 87+61.07$



NOTE:
 CONTRACTOR TO VERIFY LOCATION
 OF UNDERGROUND UTILITIES PRIOR
 TO CONSTRUCTION.

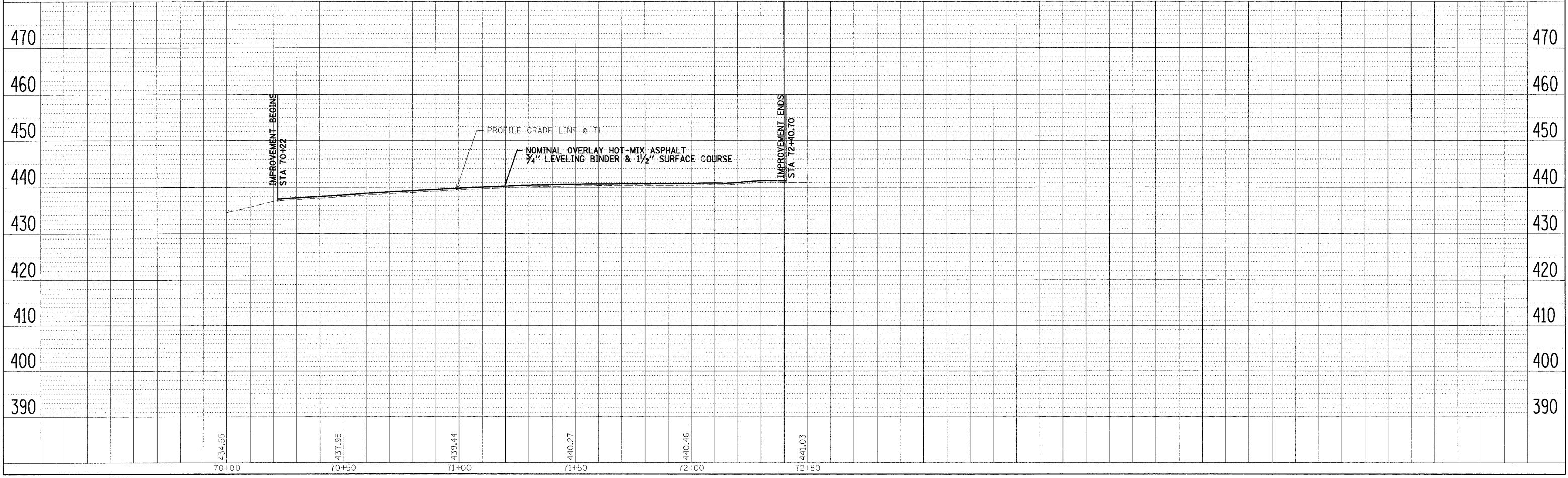
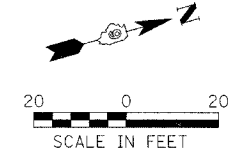
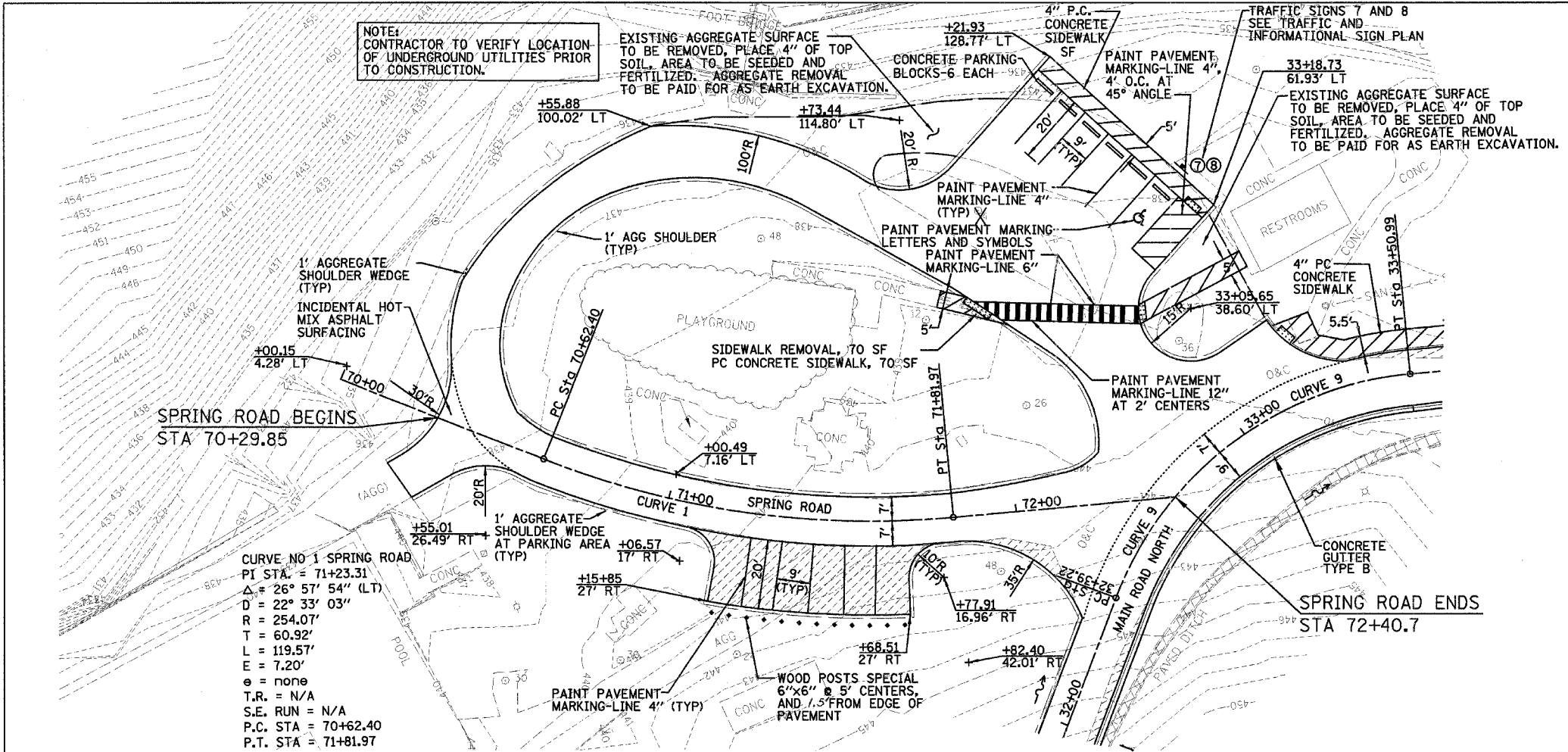


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		POPE	60	16
STA. TO STA.		FED. AID PROJECT		

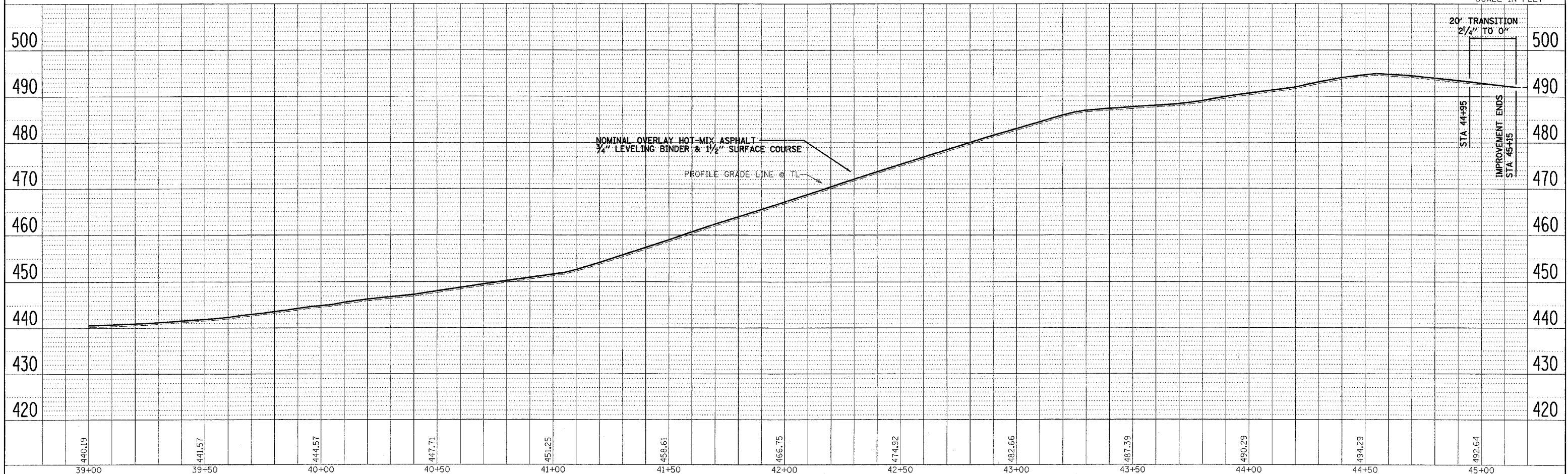
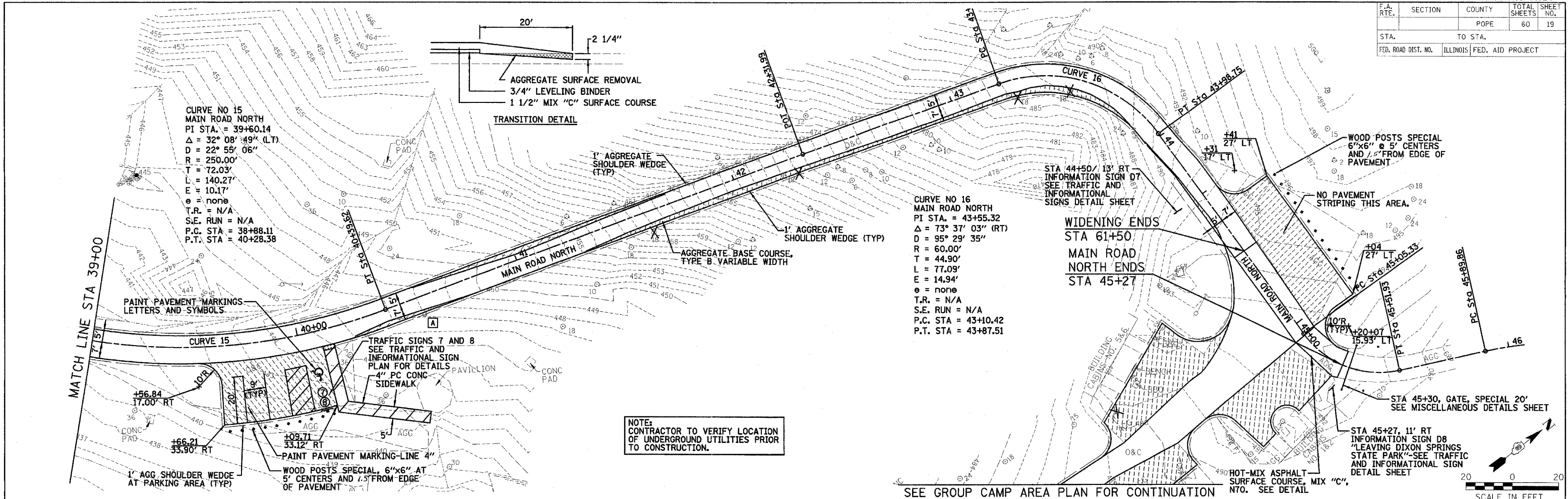
DATE	BY

DATE	BY

PLOT DATE = #DATES
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			60	19
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

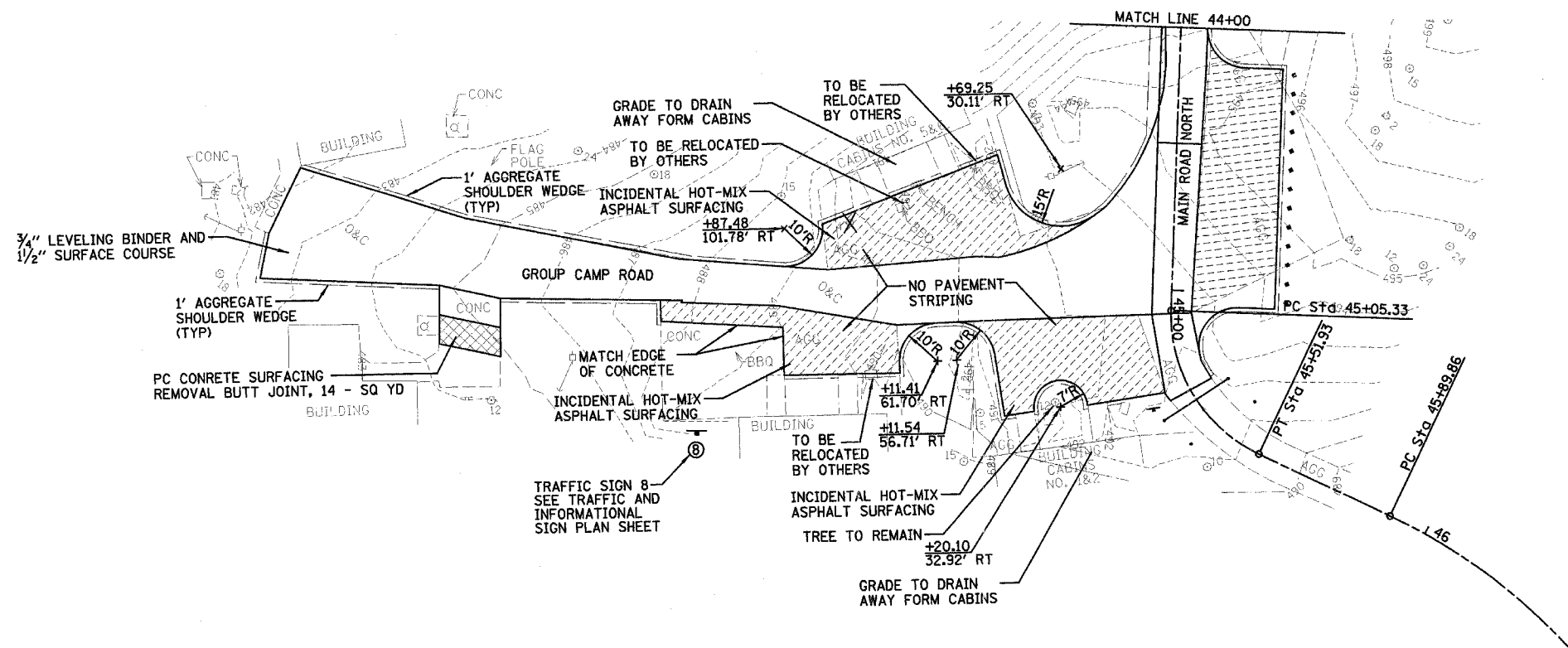


DATE: _____ BY: _____
 SUPERVISOR: _____
 PLOTTED: _____
 CHECKED: _____
 NO. OF WAY CHECKED: _____
 DATE FILE NAME: _____

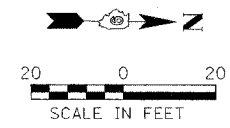
DATE: _____ BY: _____
 SUPERVISOR: _____
 PLOTTED: _____
 CHECKED: _____
 NO. OF WAY CHECKED: _____
 DATE FILE NAME: _____

PLOT DATE = #0000#
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		POPE	60	20
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
IDNR PROJECT NO. 05-06-008				



NOTE:
 NO PROFILE SHOWN ON THIS SHEET
 SINCE THIS IS A NOMINAL OVERLAY WITH 3/4" LEVELING BINDER AND 1 1/2" SURFACING WITH NO EARTH EXCAVATION ON GROUP CAMP ROAD. CONSTRUCT AGGREGATE BASE AT A DEPTH OF PROVIDE 3 3/4" INCIDENTAL HOT-MIX ASPHALT SURFACING. MATCH SURFACE TO ROADWAY SURFACE.

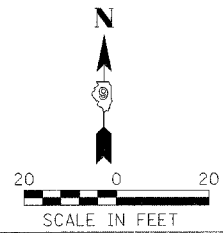
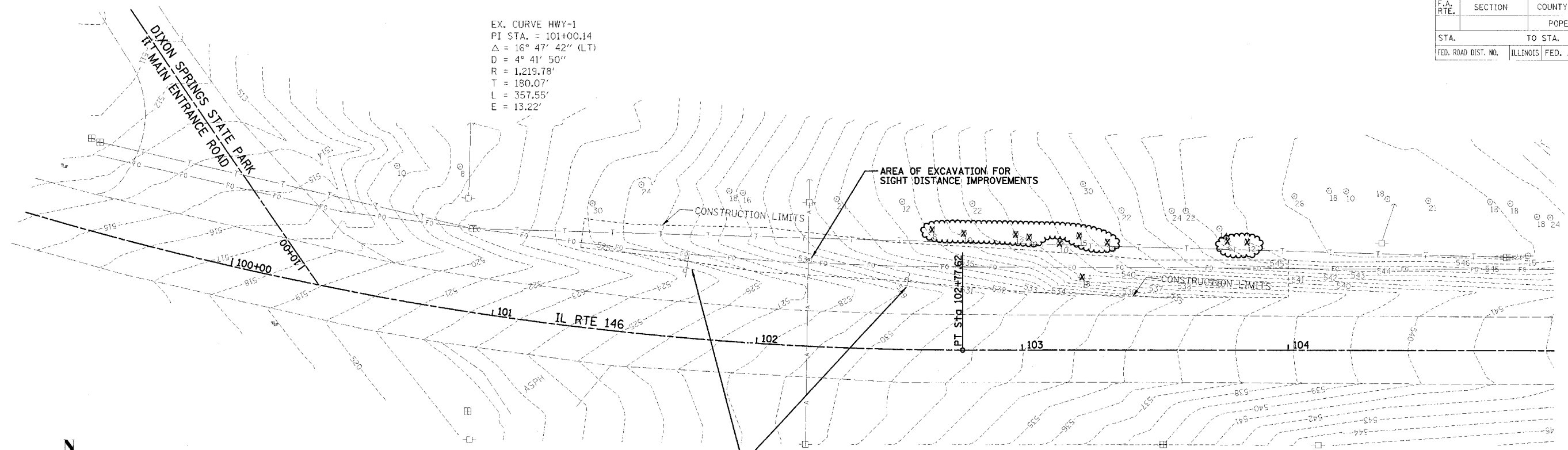


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 GROUP CAMP AREA
 IDOT / IDNR
 DIXON SPRINGS STATE PARK
 SCALE: VERT. / HORIZ.
 DATE: 12/08/06
 DRAWN BY: ORR
 CHECKED BY: RGD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		POPE	60	21
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EX. CURVE HWY-1
 PI STA. = 101+00.14
 $\Delta = 16^\circ 47' 42''$ (LT)
 $D = 4^\circ 41' 50''$
 $R = 1,219.78'$
 $T = 180.07'$
 $L = 357.55'$
 $E = 13.22'$

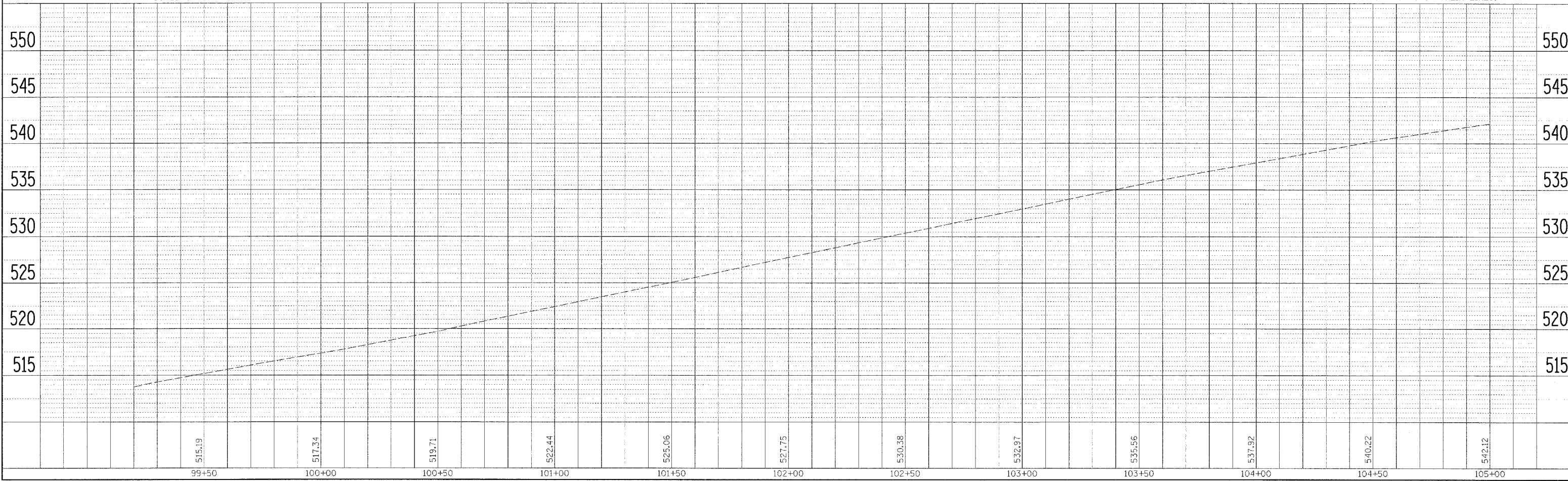


SIGNS TO BE REMOVED AND RE-ERECTED SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE BID PER CUBIC YARD FOR EARTH EXCAVATION. THE CONTRACTOR MAY LEAVE THEM IN PLACE AND GRADE AROUND THEM IN LIEU OF REMOVING AND RE-ERECTING.

NOTE: THE EXACT LIMITS OF EXCAVATION SHALL BE DETERMINED BY THE FIELD CONDITIONS. IF THE EMBANKMENT TO BE EXCAVATED IS PRIMARILY ROCK, THE CONSTRUCTION LIMITS SHALL BE AS SHOWN ON THIS PLAN. IF THE EMBANKMENT TO BE EXCAVATED IS PRIMARILY EARTH, THE CONSTRUCTION LIMITS WILL EXTEND FURTHER TOWARDS THE PARK AND REQUIRE THE REMOVAL OF THE TREES ENCIRCLED ON THE PLAN. IF THE EXCAVATION DOES NOT NEED TO EXTEND FURTHER, THE TREES SHALL REMAIN IN PLACE. UTILITY COMPANIES HAVE BEEN CONTACTED TO DETERMINE THE EXACT LOCATIONS AND ELEVATIONS OF THEIR LINES.

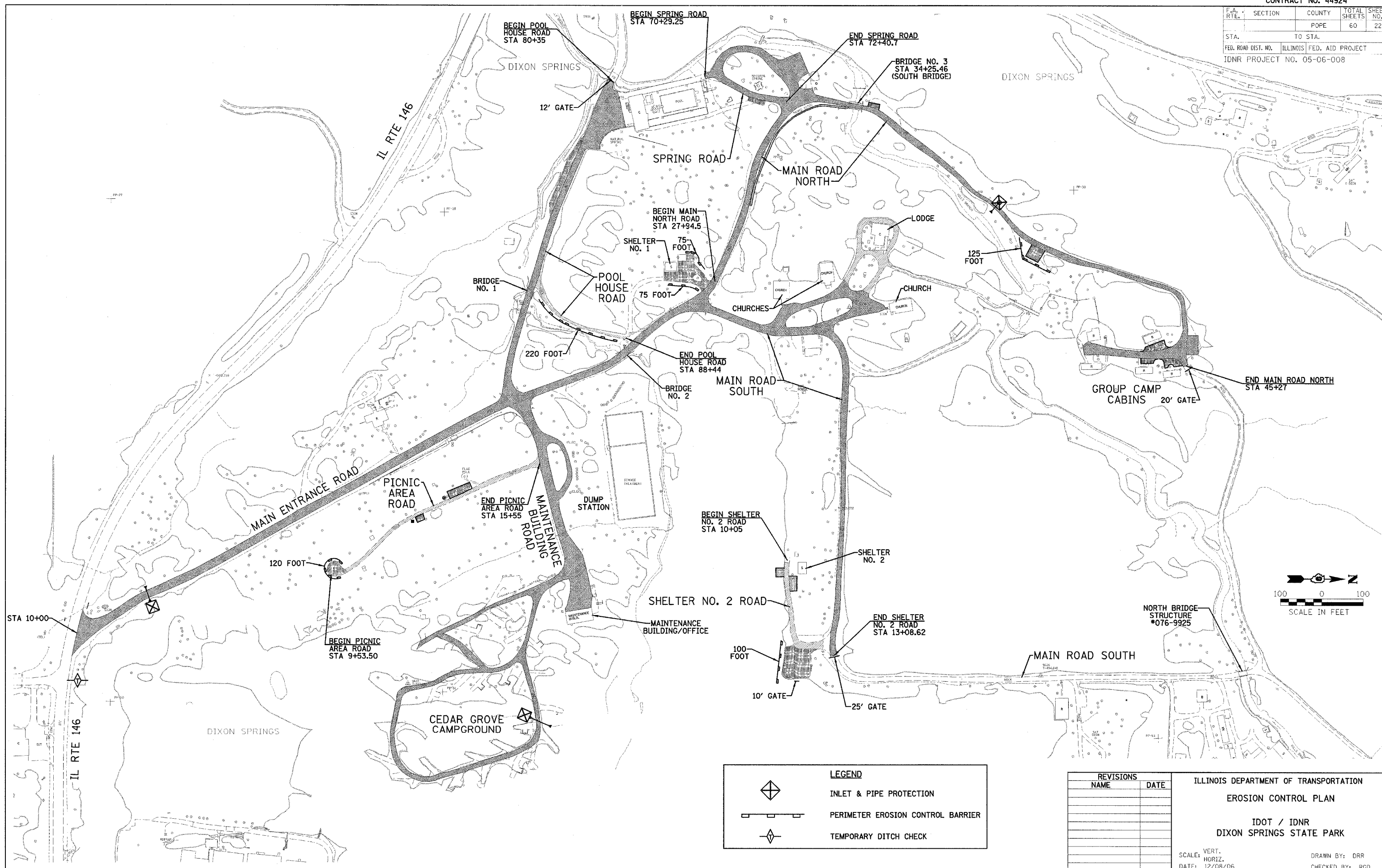
PLAN
 SURVEYED BY: _____ DATE: _____
 CHECKED BY: _____
 DATE: _____
 NOTE BOOK NO. _____
 PLOT SCALE = 1" = 40'

PROF. ILL.
 SURVEYED BY: _____ DATE: _____
 CHECKED BY: _____
 DATE: _____
 NOTE BOOK NO. _____
 PLOT SCALE = 1" = 40'



PLOT DATE = 8/24/88
 FILE NAME = 84FILE18
 PLOT SCALE = 1" = 40'
 USER NAME = RUSERT8

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		POPE	60	22
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
IDNR PROJECT NO. 05-06-008				

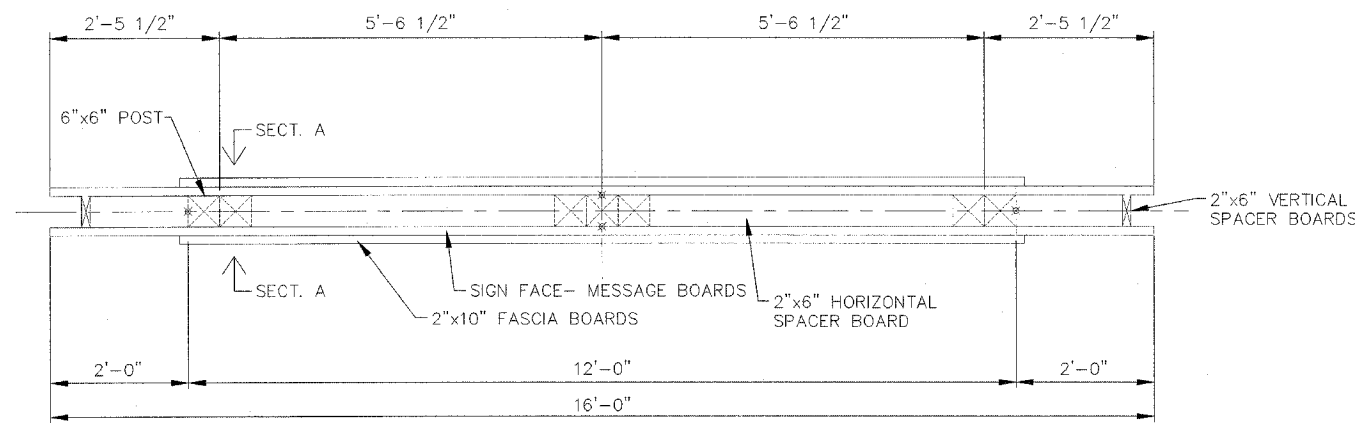


LEGEND	
	INLET & PIPE PROTECTION
	PERIMETER EROSION CONTROL BARRIER
	TEMPORARY DITCH CHECK

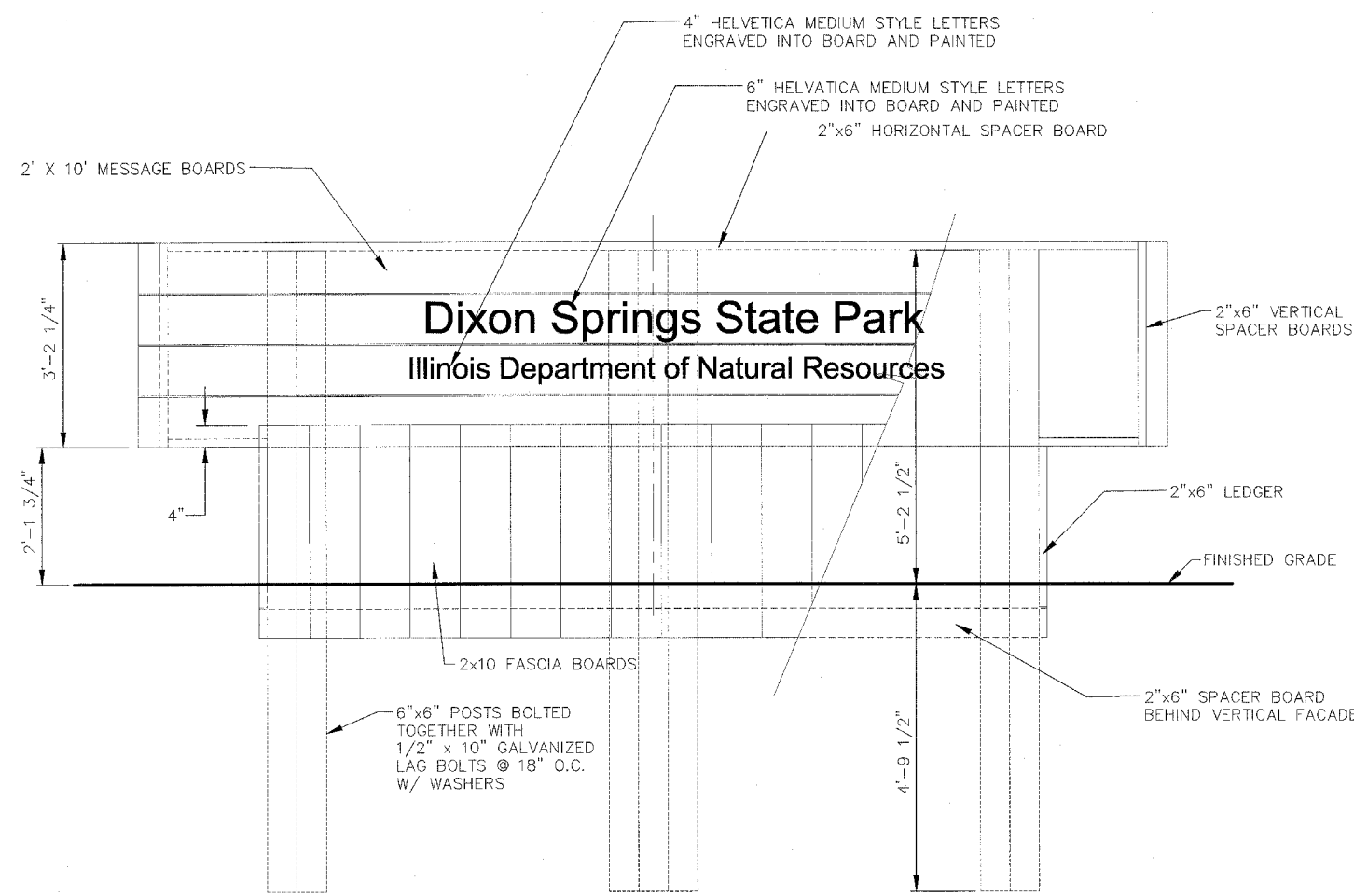
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 EROSION CONTROL PLAN
 IDOT / IDNR
 DIXON SPRINGS STATE PARK
 SCALE: VERT. _____
 HORIZ. _____
 DATE: 12/08/06
 DRAWN BY: DRR
 CHECKED BY: RGD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		POPE	60	24
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
IDNR PROJECT NO. 05-06-008				



TOP VIEW



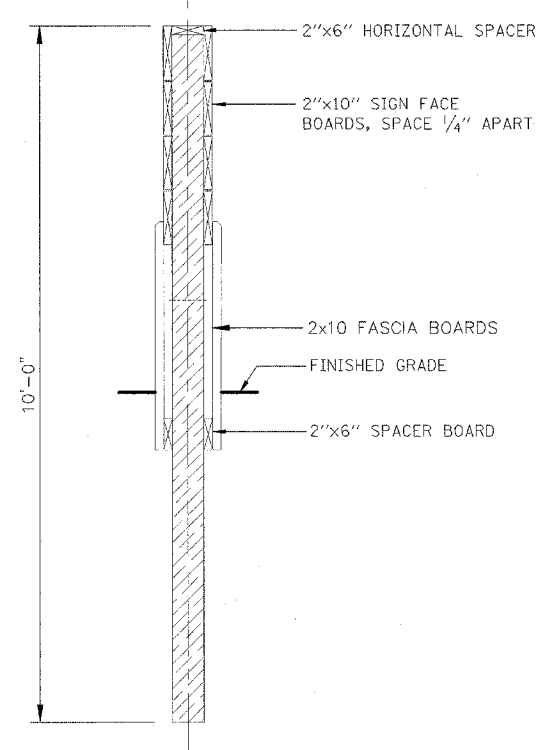
FRONT VIEW (LETTERING IS REPEATED ON OPPOSITE SIDE)

FIBERFORCE LUMBER MATERIALS LIST--ALL ITEMS TO BE "BROWN" COLOR

ITEM	LENGTH	QUAN.	REMARKS
6x6 POST	10'-0"	7 EA.	
2x6 SPACER AND LEDGER BOARD	16'-0"	4 EA.	CUT VARIOUS LENGTHS TO FIT
2x10 MESSAGE BOARD	16'-0"	8 EA.	
2x10 BOTTOM FASCIA BOARDS	3'-4"	30EA.	SEE DETAIL VIEW--CHAMFER

GENERAL NOTES:

- ALL LUMBER IS STRUCTURAL RECYCLED PLASTIC, BROWN IN COLOR FROM BEDFORD TECHNOLOGY OR APPROVED EQUAL. SUBMIT SAMPLES TO IDNR LANDSCAPE ARCHITECT FOR COLOR SELECTION PRIOR TO FABRICATION.
- MOUNTING HARDWARE IS TO BE FASTENMASTER LEDGERLOK NO. 261 SCREW x 5" LONG - 2 PER 2"x10" SIGN FACE BOARD. ALL EXPOSED HARDWARE ON SIGN FACES IS TO BE COUNTERSUNK AND PAINTED TO MATCH LUMBER COLOR.
- FOOTINGS ARE NOT SHOWN. THE UPRIGHT POSTS ARE TO BE INSTALLED PER ARTICLE 730.04 OF THE STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION IN ILLINOIS, JANUARY 1,2007. HOLE DIAMETER, FOR THE OUTSIDE POSTS, IS TO BE 16". HOLE DIAMETER FOR THE MIDDLE POST IS TO BE 20".
- ALL LETTERING IS CENTERED ON SIGN AND IS UPPER AND LOWER CASE HELVETICA MEDIUM STYLE. PAINT LETTERS WITH A WHITE, EPOXY PAINT MIXED WITH GLASS BEADS.
- IF POST IS INTO ROCK, EXCAVATION WILL BE PAID FOR AS ROCK EXCAVATION. CORE DRILLING ROCK FOR POST INSTALLATION WILL BE PAID FOR AS ROCK EXCAVATION.



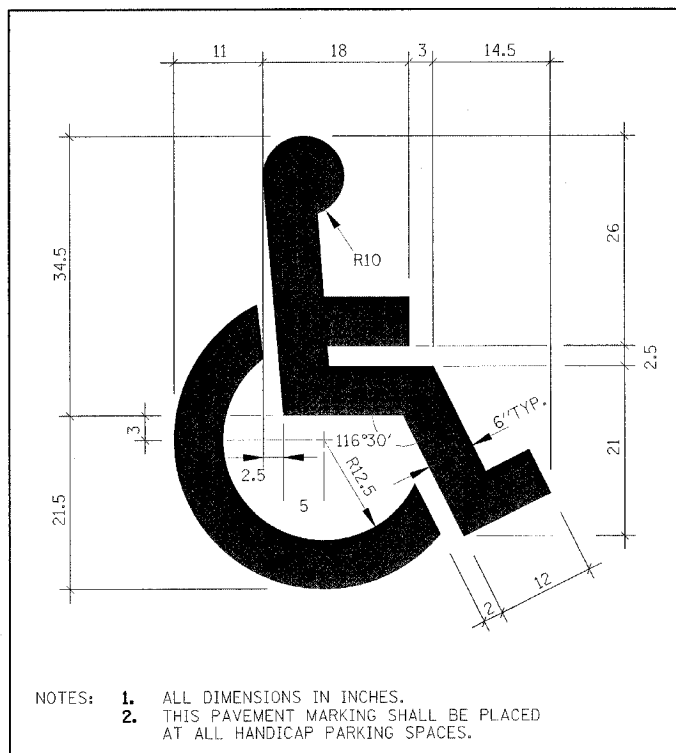
SECT. A-A

REVISIONS	
NAME	DATE
GENERAL NOTES	5/30/07
LAG BOLT NOTE	5/30/07

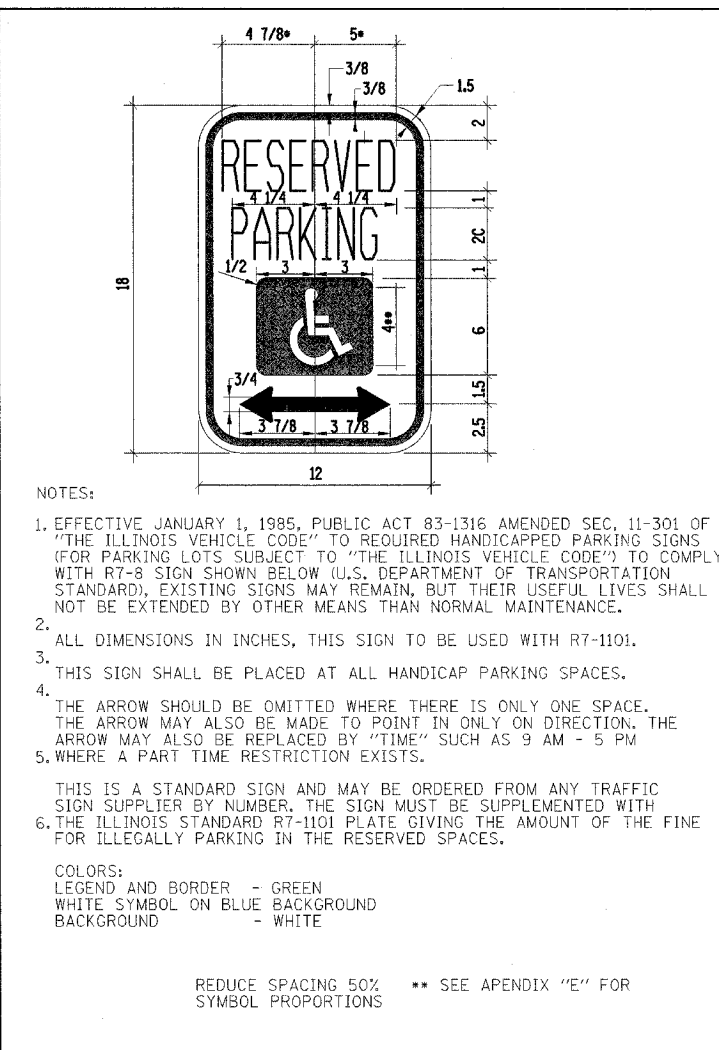
ILLINOIS DEPARTMENT OF TRANSPORTATION
 ENTRANCE SIGN DETAILS
 IDOT / IDNR
 DIXON SPRINGS STATE PARK
 SCALE: VERT. DRAWN BY: DRR
 HORIZ. CHECKED BY: RGD
 DATE: 12/08/06

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		POPE	60	25

STA. TO STA.
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
 IDNR PROJECT NO. 05-06-008



NOTES: 1. ALL DIMENSIONS IN INCHES.
 2. THIS PAVEMENT MARKING SHALL BE PLACED AT ALL HANDICAP PARKING SPACES.

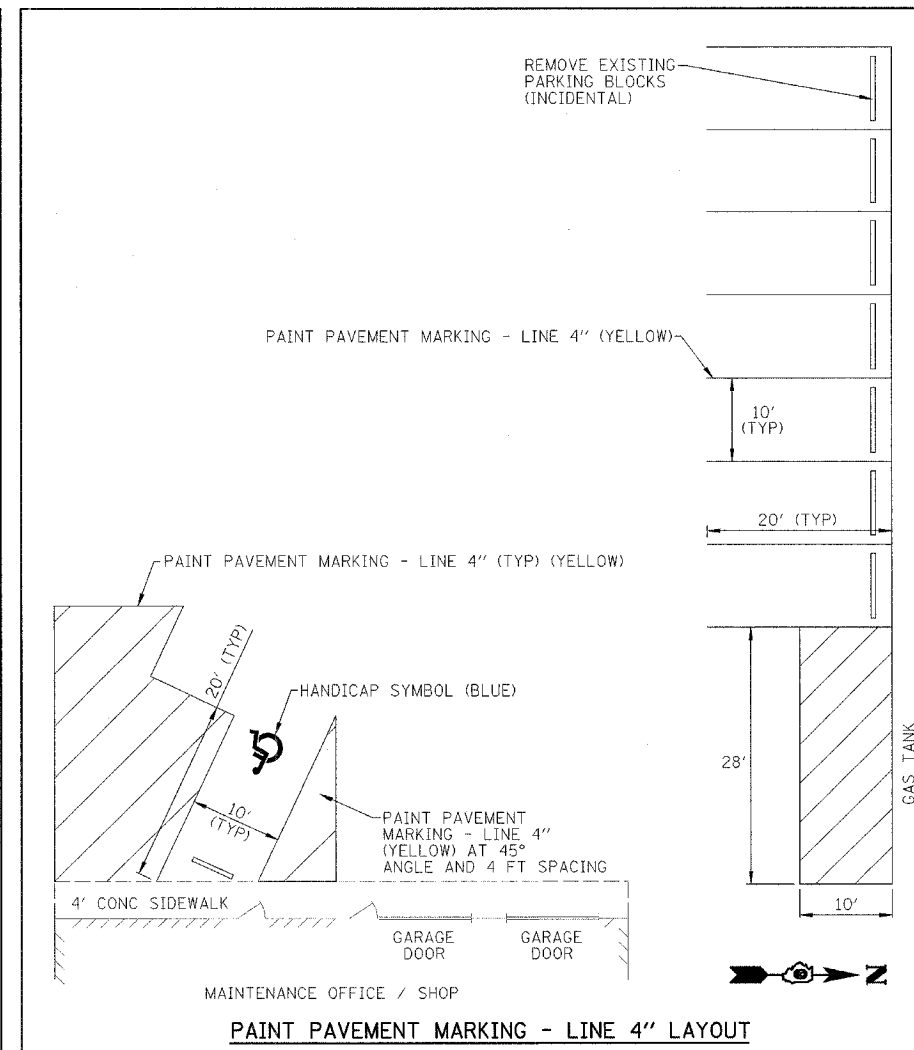


NOTES:
 1. EFFECTIVE JANUARY 1, 1985, PUBLIC ACT 83-1316 AMENDED SEC. 11-301 OF "THE ILLINOIS VEHICLE CODE" TO REQUIRED HANDICAPPED PARKING SIGNS (FOR PARKING LOTS SUBJECT TO "THE ILLINOIS VEHICLE CODE") TO COMPLY WITH R7-8 SIGN SHOWN BELOW (U.S. DEPARTMENT OF TRANSPORTATION STANDARD), EXISTING SIGNS MAY REMAIN, BUT THEIR USEFUL LIVES SHALL NOT BE EXTENDED BY OTHER MEANS THAN NORMAL MAINTENANCE.
 2. ALL DIMENSIONS IN INCHES, THIS SIGN TO BE USED WITH R7-1101.
 3. THIS SIGN SHALL BE PLACED AT ALL HANDICAP PARKING SPACES.
 4. THE ARROW SHOULD BE OMITTED WHERE THERE IS ONLY ONE SPACE. THE ARROW MAY ALSO BE MADE TO POINT IN ONLY ON DIRECTION. THE ARROW MAY ALSO BE REPLACED BY "TIME" SUCH AS 9 AM - 5 PM
 5. WHERE A PART TIME RESTRICTION EXISTS.

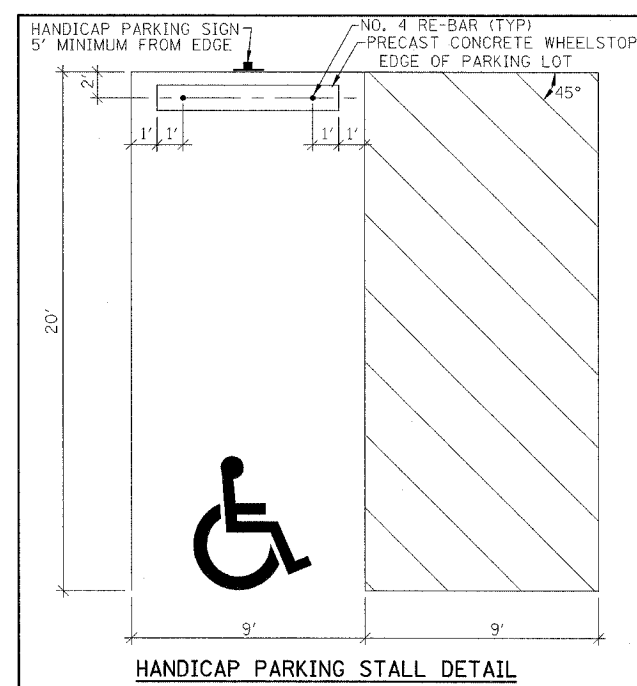
THIS IS A STANDARD SIGN AND MAY BE ORDERED FROM ANY TRAFFIC SIGN SUPPLIER BY NUMBER, THE SIGN MUST BE SUPPLEMENTED WITH 6. THE ILLINOIS STANDARD R7-1101 PLATE GIVING THE AMOUNT OF THE FINE FOR ILLEGALLY PARKING IN THE RESERVED SPACES.

COLORS:
 LEGEND AND BORDER - GREEN
 WHITE SYMBOL ON BLUE BACKGROUND
 BACKGROUND - WHITE

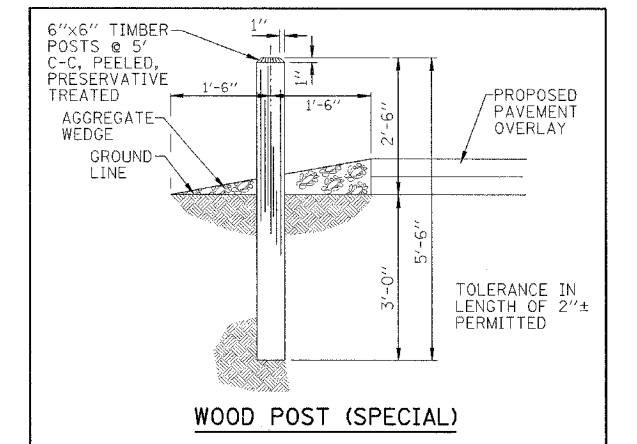
REDUCE SPACING 50% ** SEE APENDIX "E" FOR SYMBOL PROPORTIONS



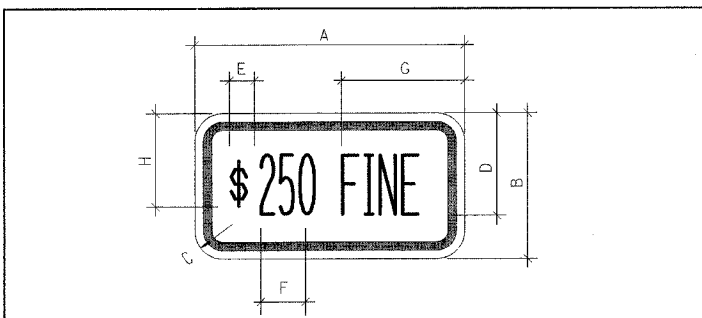
PAINT PAVEMENT MARKING - LINE 4" LAYOUT



HANDICAP PARKING STALL DETAIL



WOOD POST (SPECIAL)

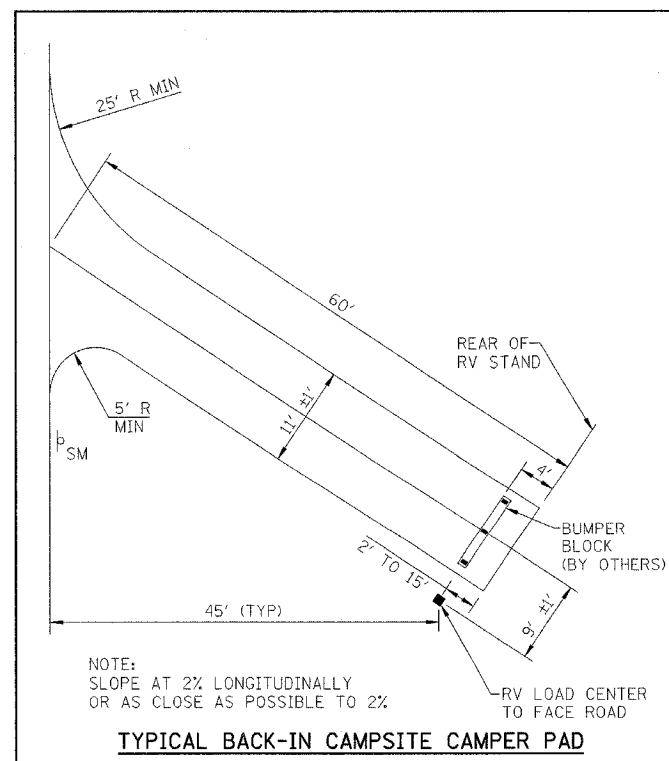
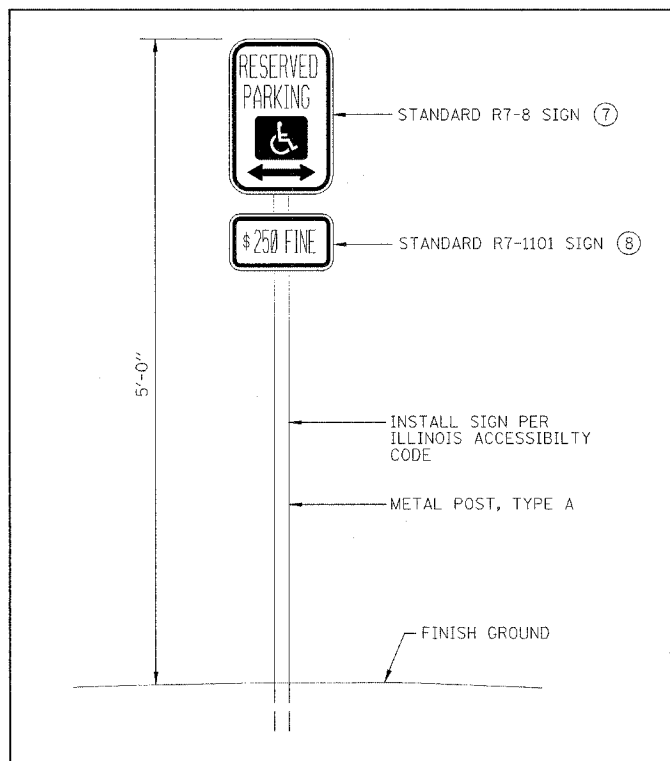


COLORS:
 LEGEND AND BORDER - GREEN NON-REFLECTORIZED
 BACKGROUND - WHITE REFLECTORIZED

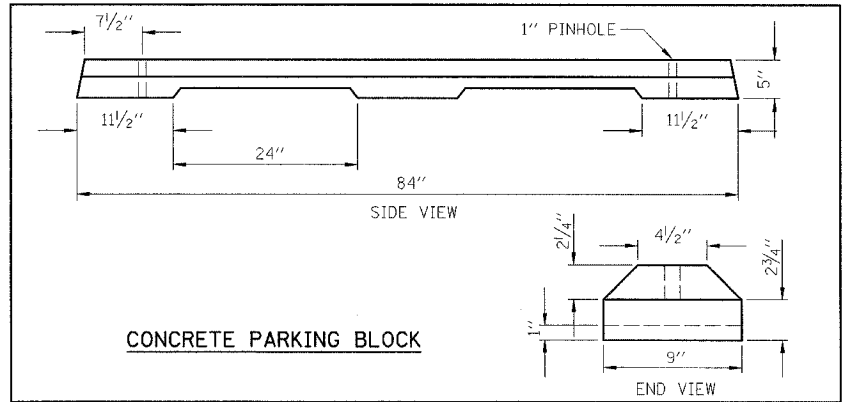
SIGN SIZE	DIMENSIONS							
	A	B	C	D	E	F	G	H
12x6	12.0	6.0	1.5	4.5	11	3.0	5.5	3.0

SIGN SIZE	SERIES LINES	MARGIN	BORDER	BLK STD
12x6	1/3A	0.37	0.37	85-126

NOTES:
 1. ALL DIMENSIONS IN INCHES. THIS SIGN TO BE USED WITH R7-8 (**=SERIES 3A "S")
 2. THIS SIGN SHALL BE PLACED AT ALL HANDICAP PARKING SPACES.
 3. THIS PLATE MAY BE MOUNTED DIRECTLY BELOW THE R7-8 SIGN OR COMBINED WITH THAT SIGN ON A SINGLE 12 INCH BY 24 INCH PANEL.
 4. FOR A FINE OF \$250, USE F=4.0 AND G=4.0 (REDUCE LETTER TO LETTER SPACING AS NECESSARY TO FIT).



TYPICAL BACK-IN CAMPSITE CAMPER PAD

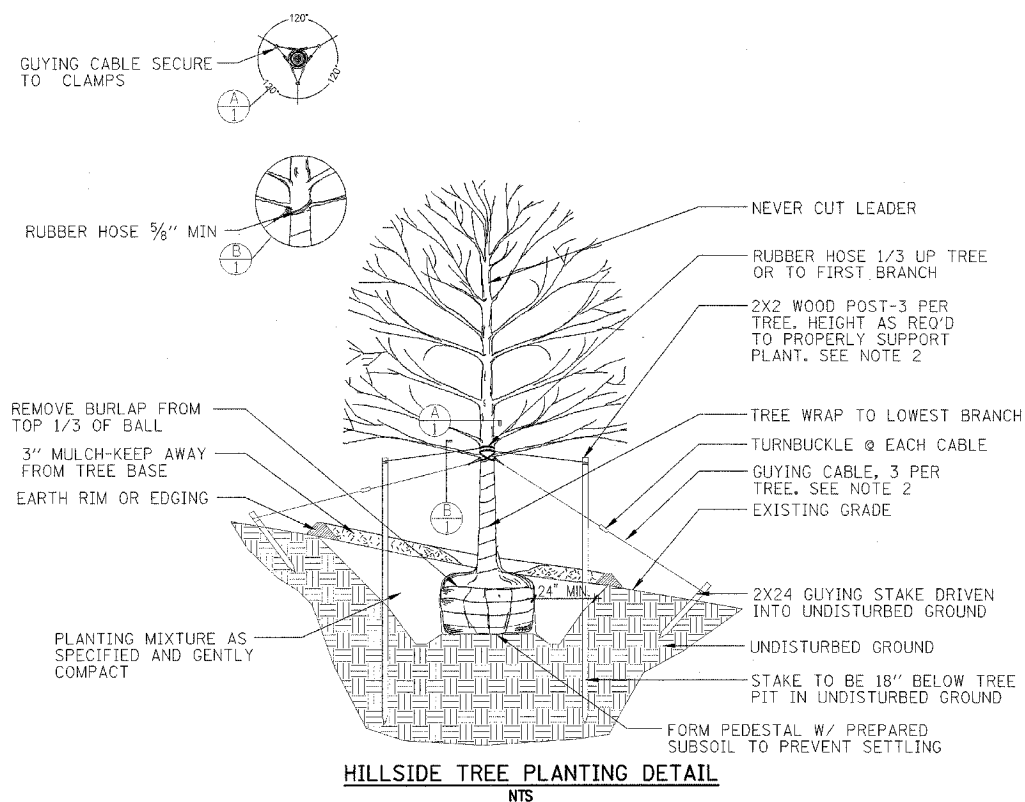


CONCRETE PARKING BLOCK

REVISIONS	
NAME	DATE
WOOD POST (SPECIAL)	5/30/07

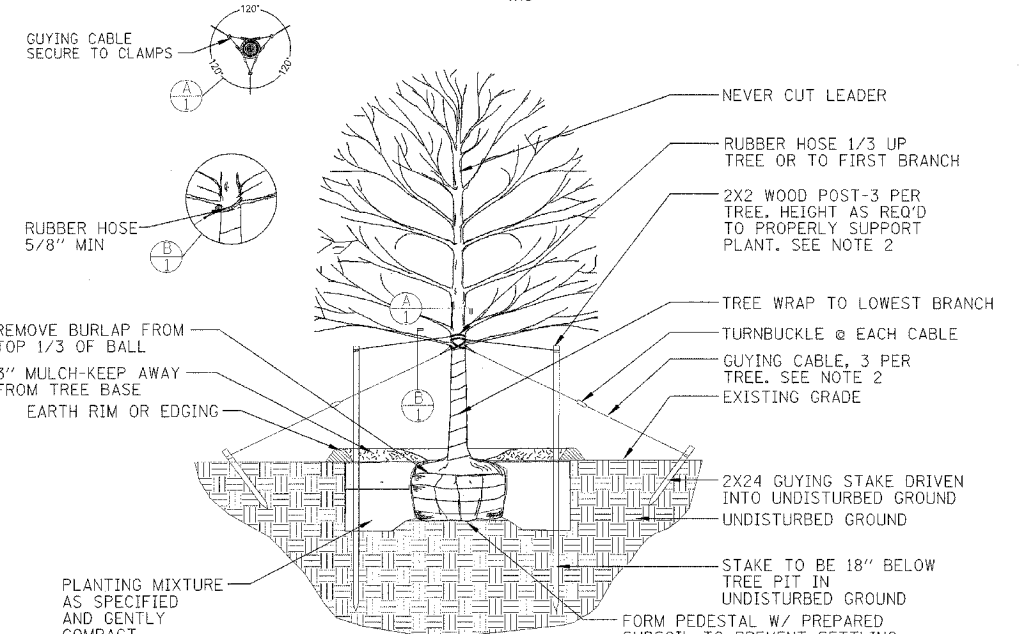
ILLINOIS DEPARTMENT OF TRANSPORTATION
 MISCELLANEOUS DETAILS
 IDOT / IDNR
 DIXON SPRINGS STATE PARK
 SCALE: VERT. HORIZ.
 DATE: 12/08/06
 DRAWN BY: DRR
 CHECKED BY: RGD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		POPE	60	26
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
IDNR PROJECT NO. 05-06-008				



HILLSIDE TREE PLANTING DETAIL

NTS

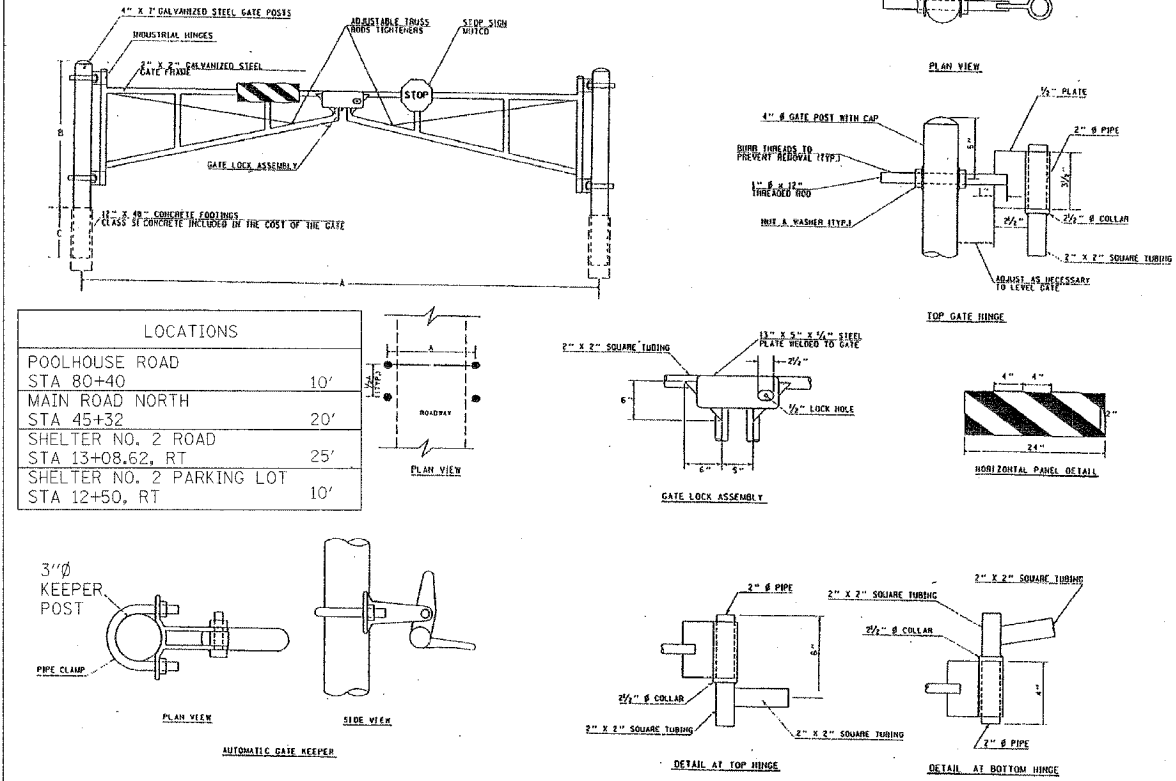


TREE PLANTING DETAIL

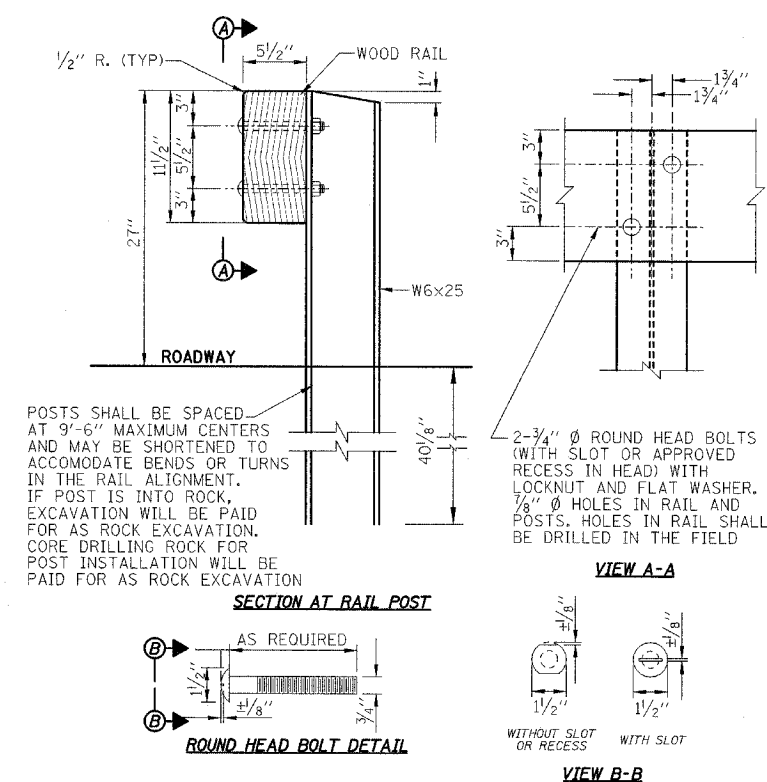
NTS

- NOTES:
1. TREE SHALL BE SET 2" HIGHER THAN DEPTH GROWN AT NURSERY.
 2. STAKE TREES UNDER 2". GUY TREES 2" AND OVER.
 3. PLANT IN ACCORDANCE WITH SECTION 253 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, JANUARY 1, 2007 EDITION.
 4. ALL TREES WILL BE PLANTED ON-SITE. IDNR WILL STAKE INDIVIDUAL TREE SPECIES LOCATIONS FOR THE CONTRACTOR WHEN LANDSCAPING WORK IS READY TO BEGIN.
 5. BRACING, WRAPPING, MULCH AND ALL DETAILS SHOWN HEREIN SHALL BE INCLUDED IN THE UNIT PRICE BID PER EACH FOR TREES OF THE SIZE AND TYPE NOTED.

GATE DETAILS



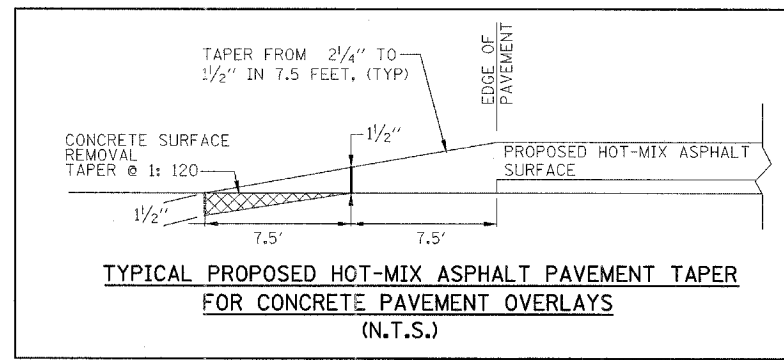
LOCATIONS	
POOLHOUSE ROAD STA 80+40	10'
MAIN ROAD NORTH STA 45+32	20'
SHELTER NO. 2 ROAD STA 13+08.62, RT	25'
SHELTER NO. 2 PARKING LOT STA 12+50, RT	10'



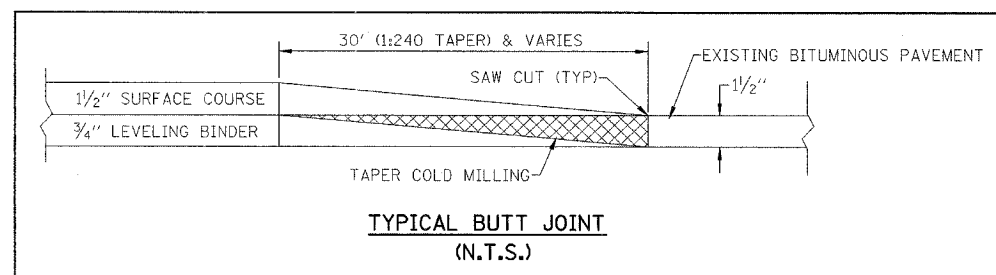
WOOD GUARD RAIL DETAIL

WOOD GUARD RAIL NOTES

- ALL WOOD RAILS SHALL COMPLY WITH ARTICLE 1007.03.
- ALL RAILS SHALL BE ROUGH CUT. DIMENSIONS OF RAILS ARE NET, NOT NOMINAL DIMENSIONS.
- ALL RAILS SHALL BE TREATED IN ACCORDANCE WITH ARTICLE 1007.12.
- ALL RAIL POSTS AND SPLICE PLATES SHALL BE PAINTED AS NOTED IN THE SPECIAL PROVISIONS.
- ALL OTHER STEEL SHAPES AND PLATES SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M-270, GRADE 36 EXCEPT POSTS SHALL CONFORM TO AASHTO M-270, GRADE 50.
- BOLTS, CAP SCREWS AND NUTS SHALL CONFORM TO THE REQUIREMENTS OF ASTM DESIGNATION A-307 EXCEPT THAT TREADED RODS, NUTS AND WASHERS SHALL CONFORM TO AASHTO M-164.
- ALL BOLTS, NUTS, CAP SCREWS, WASHERS AND LOCK WASHERS SHALL BE GALVANIZED IN ACCORDANCE WITH AASHTO M-232.
- ALL POSTS AND RAIL SPLICES SHALL BE PAINTED FLAT BLACK AFTER SHOP FABRICATION IN ACCORDANCE WITH AASHTO M-111 AND ASTM A-385!



TYPICAL PROPOSED HOT-MIX ASPHALT PAVEMENT TAPER FOR CONCRETE PAVEMENT OVERLAYS (N.T.S.)



TYPICAL BUTT JOINT (N.T.S.)

REVISIONS	
NAME	DATE
WOOD GUARD RAIL	5/30/07
NOTES	

ILLINOIS DEPARTMENT OF TRANSPORTATION
MISCELLANEOUS DETAILS

IDOT / IDNR
DIXON SPRINGS STATE PARK

SCALE: VERT. HORIZ.
DATE: 12/08/06

DRAWN BY: DRR
CHECKED BY: RGD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	POPE	60	27	
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Benchmarks: 1.) "□" cut in Northeast corner of concrete drinking fountain base near restrooms, North of swimming pool ±75' South of Bridge. Elevation = 438.98.
2.) "□" cut in Northeast corner of top bridge wall at Southwest corner of pool, ±200' Southwest of Bridge, Elevation = 439.13.

Existing Structure: SN 076-9907. The structure consists of a two span steel stringers with wood deck superstructure with closed concrete abutments. The back-to-back abutment dimension measures ±31'-0" while the out-to-out width measures ±16'-0". Removal of adjacent pedestrian bridge, which measures ±34'-0" long and ±4'-0" wide, to be included with existing structure removal.

No Salvage.

DESIGN SPECIFICATIONS
AASHTO 2002

DESIGN STRESSES

FIELD UNITS
f'c = 3,500 psi (Cast-In-Place)
fy = 60,000 psi (Reinforcement)

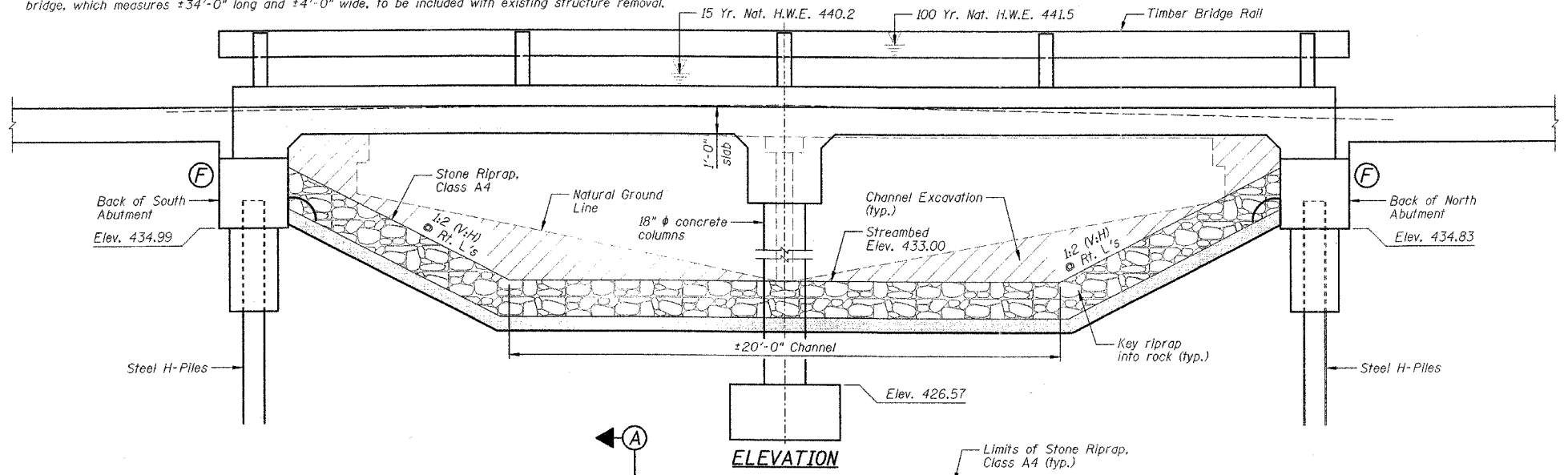
LOADING HS20-44

Allow 50#/sq. ft. for future wearing surface.

SEISMIC DATA

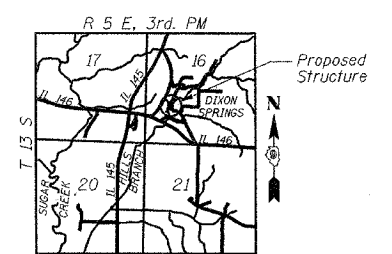
Seismic Performance Category (SPC) = B
Bedrock Acceleration Coefficient (A) = 0.12
Site Coefficient (S) = 1.0

SHEET NO. B1
OF 11 SHEETS



STATION 34+19.83
BUILT 200_ BY
STATE OF ILLINOIS
DIXON SPRINGS PARK ROAD
LOADING HS20
STR. NO. 076-9924

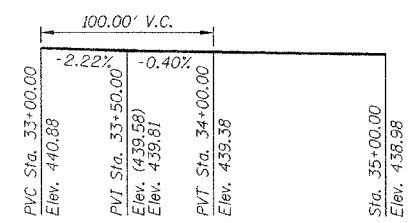
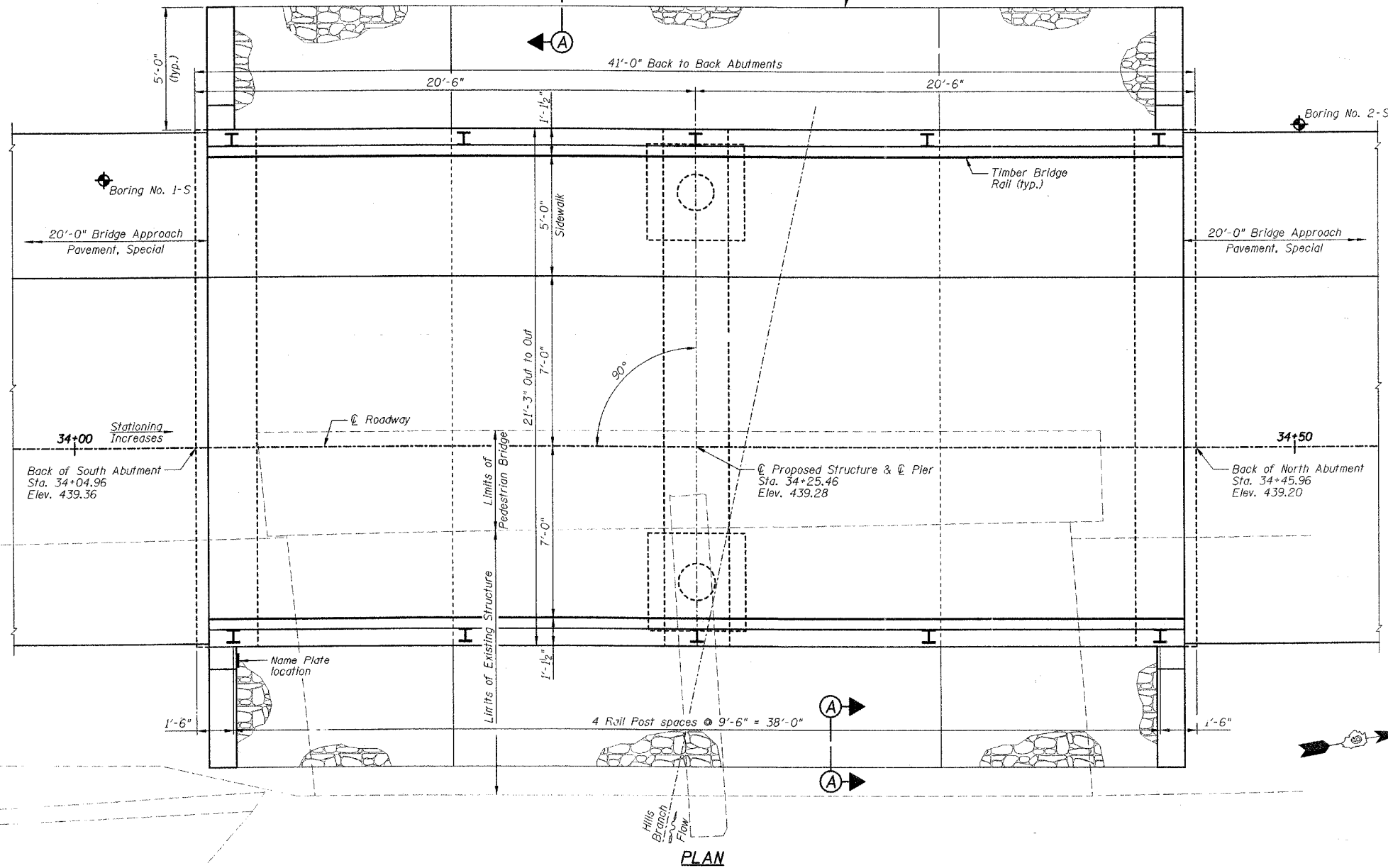
NAME PLATE
See Standard 515001



WATERWAY INFORMATION

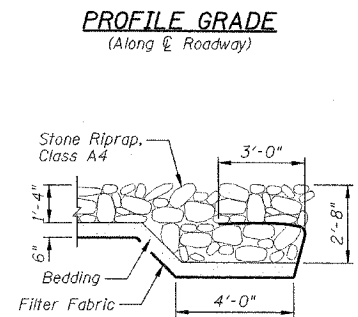
Drainage Area = 1.34 Sq. Mi. Low Grade Elev. 438.20 @ Sta. 35+00.00

Flood	Freq. Yr.	C.F.S.	Opening	Nat. Head	Headwater	Prop. Headwater	Prop. Headwater
			Exist. / Prop.	Exist. / Prop.	Exist. / Prop.	Exist. / Prop.	Exist. / Prop.
Design	15	1026	71 / 86	440.2 / 0.3	0.3 / 0.1	440.5 / 441.6	440.5 / 441.6
Base	100	1672	71 / 86	441.5 / 0.1	0.1 / 0.1	441.6 / 441.6	441.6 / 441.6
Overtopping							
Max. Calc.							



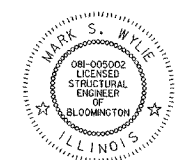
INDEX TO SHEETS

SHEET NO.	TITLE
B1	GENERAL PLAN AND ELEVATION
B2	GENERAL NOTES, BILL OF MATERIAL, DETAIL, SECTION AND SUBSTRUCTURE LAYOUT PLAN
B3	SUPERSTRUCTURE DECK (TOP OF SLAB)
B4	SUPERSTRUCTURE DECK (BOTTOM OF SLAB)
B5	SUPERSTRUCTURE CROSS SECTION
B6	TIMBER BRIDGE RAIL DETAILS
B7	SOUTH ABUTMENT
B8	NORTH ABUTMENT
B9	PIER
B10	RUSTICATION FINISH LOCATIONS
B11	SOIL BORING LOGS



APPROVED
FOR STRUCTURAL ADEQUACY ONLY

Robert E. Anderson (TSP)
ENGINEER OF BRIDGES AND STRUCTURES



Mark S. Wylie Date 5/23/07
MARK S. WYLIE
ILLINOIS STRUCTURAL ENGINEER
NO. 081-005002
Exp. Date 11/30/08

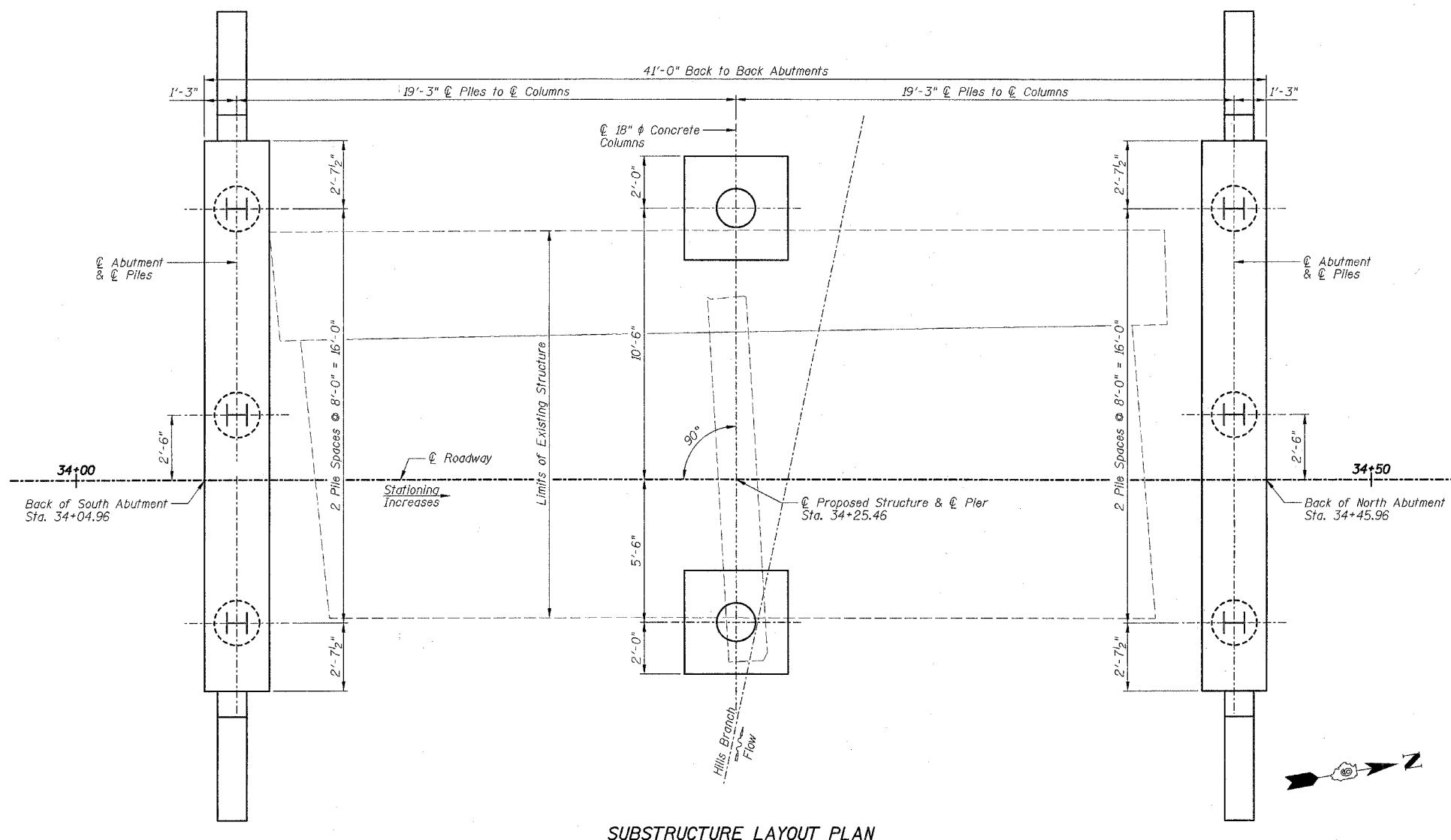
REVISIONS	NAME	DATE
	DJM	4/02/07

ILLINOIS DEPARTMENT OF TRANSPORTATION
GENERAL PLAN AND ELEVATION
DIXON SPRINGS STATE PARK
ROAD OVER HILLS BRANCH
POPE COUNTY
STRUCTURE NO. 076-9924
DESIGNED BY: MJG
DRAWN BY: DJM
DATE: 11/30/06
CHECKED BY: MSW

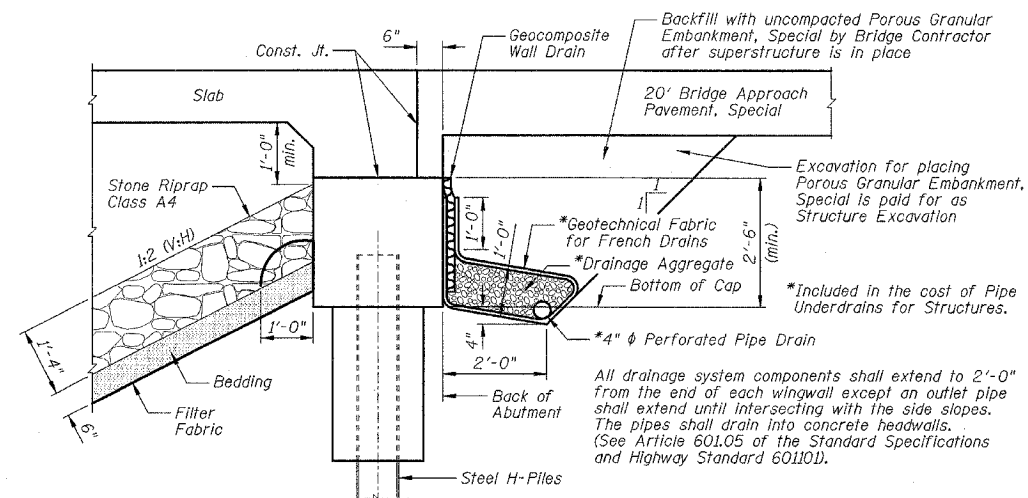
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		POPE	60	28
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SHEET NO. B2
OF 11 SHEETS



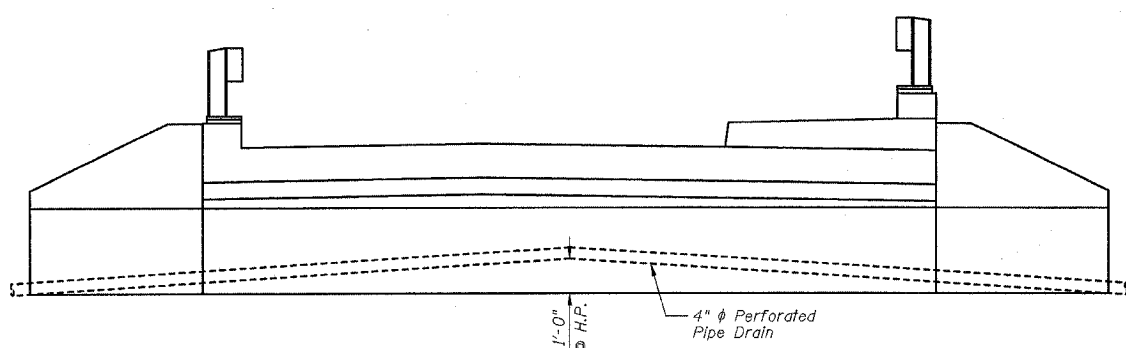
SUBSTRUCTURE LAYOUT PLAN



SECTION THRU ABUTMENT

TOTAL BILL OF MATERIAL

ITEMS	UNITS	SUPER	SUB	TOTAL
Channel Excavation	Cu Yd		47	47
Porous Granular Embankment, Special	Cu Yd		22	22
Stone Riprap, Class A4	Sq Yd		140	140
Filter Fabric	Sq Yd		140	140
Removal of Existing Structures No. 1	Each	1		1
Structure Excavation	Cu Yd		102	102
Rock Excavation For Structures	Cu Yd		5	5
Concrete Structures	Cu Yd		16.6	16.6
Concrete Superstructure	Cu Yd	50.0		50.0
Bridge Deck Grooving	Sq Yd	51		51
Seal Coat Concrete	Cu Yd		0.4	0.4
Protective Coat	Sq Yd	95		95
Rustication Finish	Sq Ft	186	84	270
Reinforcement Bars, Epoxy Coated	Pound	9340	3210	12550
Furnishing Steel Piles HP10x42	Foot		50	50
Driving Piles	Foot		50	50
Test Pile Steel HP10x42	Each		1	1
Name Plates	Each	1		1
Geocomposite Wall Drain	Sq Yd		20	20
Pipe Underdrains For Structures 4"	Foot		90	90
Treated Timber Rail	Foot	82		82



ABUTMENT ELEVATION, TYPICAL DRAIN DETAIL

GENERAL NOTES:

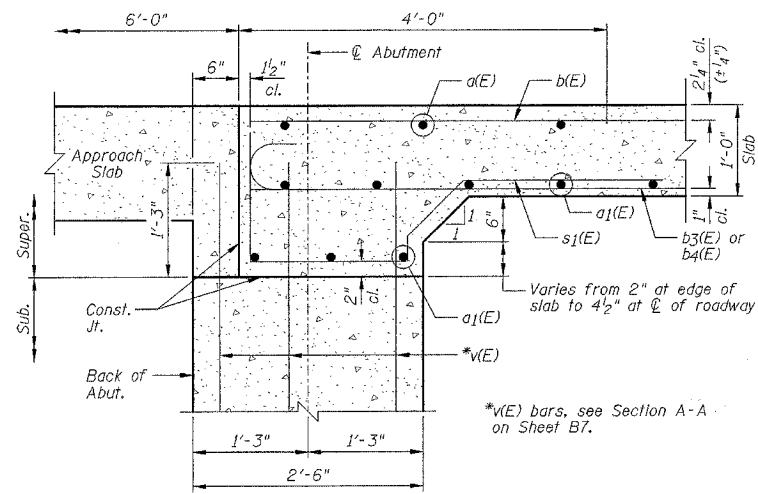
- 1.) Reinforcement Bars shall conform to the requirements of ASTM A 706 Gr 60 (IL Modified). See Special Provisions.
- 2.) Reinforcement bars designated (E) shall be epoxy coated.
- 3.) Layout of slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.
- 4.) The Contractor shall make allowance for the deflection of forms, shrinkage and settlement of falsework, in addition to allowance for dead load deflection. Forms for deck slab shall be removed prior to placement of bridge approach pavement.
- 5.) The Contractor shall drive one (1) steel HP 10x42 test pile in a permanent location, in the South Abutment, as directed by the Engineer before ordering the remainder of piles. The Contractor shall drive test pile to 110% of the nominal required bearing specified.
- 6.) The Steel H-Piles shall be according to AASHTO M270 Grade 50.
- 7.) All construction joints shall be bonded.

REVISIONS	
NAME	DATE
DJM	4/02/07

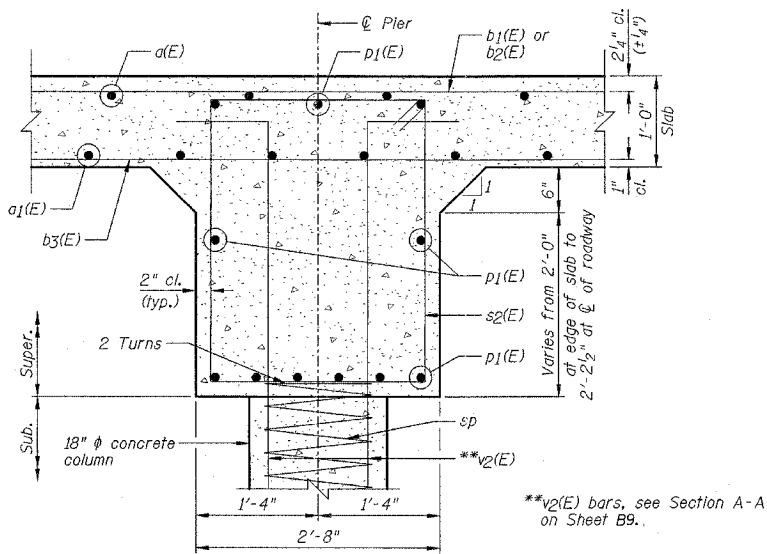
ILLINOIS DEPARTMENT OF TRANSPORTATION
GENERAL NOTES, BILL OF MATERIAL, DETAIL,
SECTION AND SUBSTRUCTURE LAYOUT PLAN
DIXON SPRINGS STATE PARK
ROAD OVER HILLS BRANCH
POPE COUNTY
STRUCTURE NO. 076-9924
DESIGNED BY: MJG
DRAWN BY: DJM
DATE: 11/30/06
CHECKED BY: MSW

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		POPE	60	30
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
SHEET NO. B4				
OF 11 SHEETS				

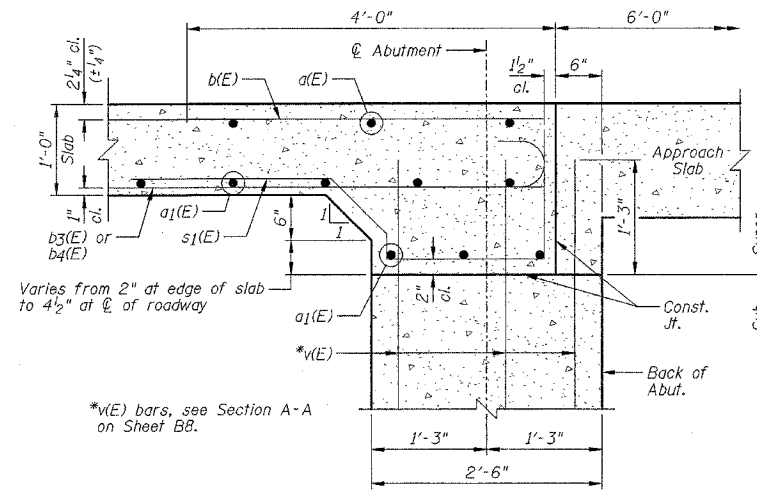
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



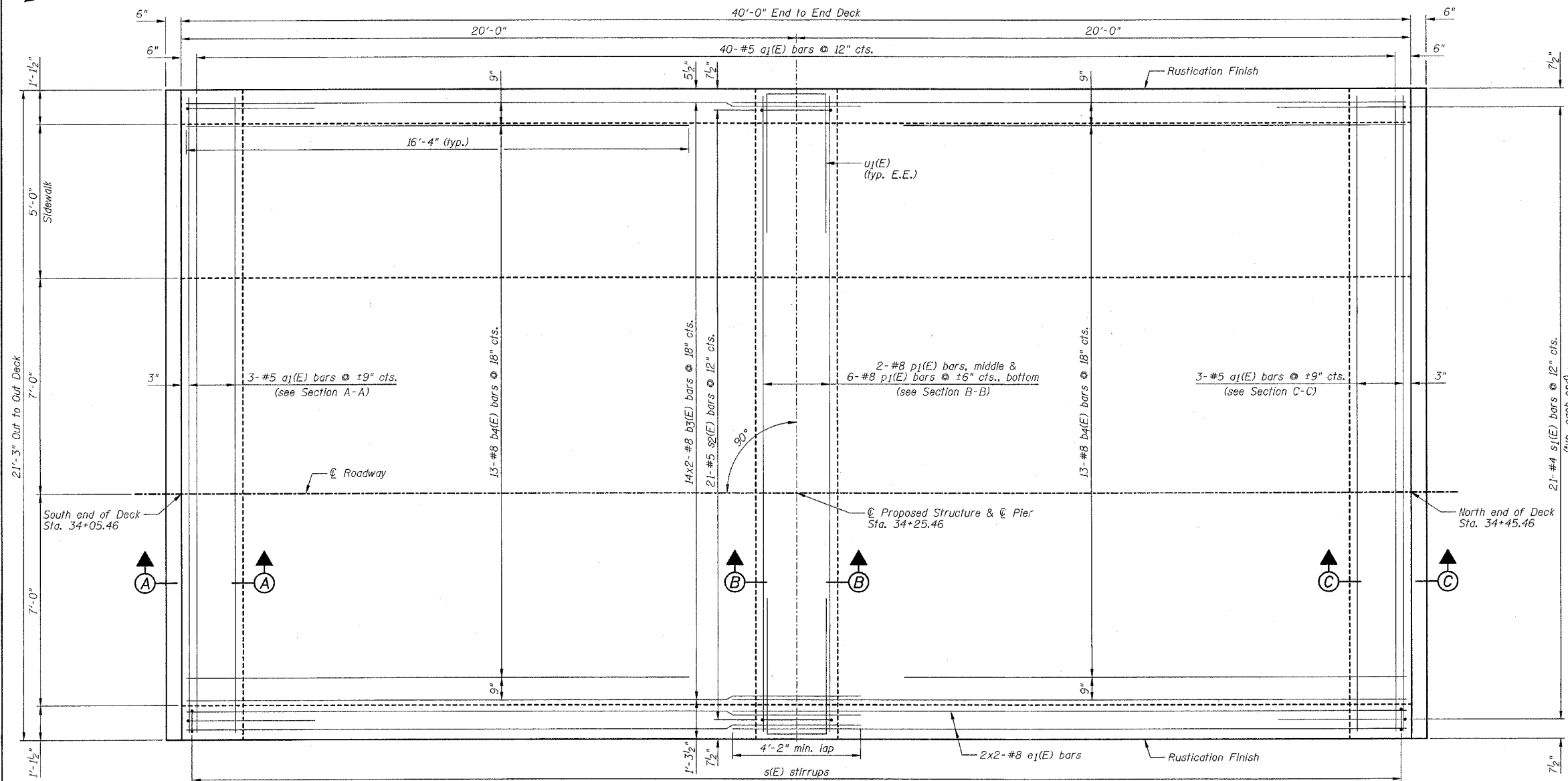
SECTION A-A



SECTION B-B



SECTION C-C



BOTTOM OF SLAB PLAN

NOTES:

- 1.) Work this sheet with Sheets B3 & B5.
- 2.) Reinforcement bars designated (E) shall be epoxy coated.
- 3.) E.E. denotes Each End.
- 4.) See Sheet B3 for Superstructure Bill of Material.
- 5.) Bars indicated thus 2x2-#8 etc. indicates 2 lines of bars with 2 lengths per line.
- 6.) See B10 for Rustication Finish details.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUPERSTRUCTURE DECK (BOTTOM OF SLAB)
DIXON SPRINGS STATE PARK
ROAD OVER HILLS BRANCH
POPE COUNTY
STRUCTURE NO. 076-9924
DESIGNED BY: MJG
DATE: 11/30/06
DRAWN BY: DJM
CHECKED BY: MSW

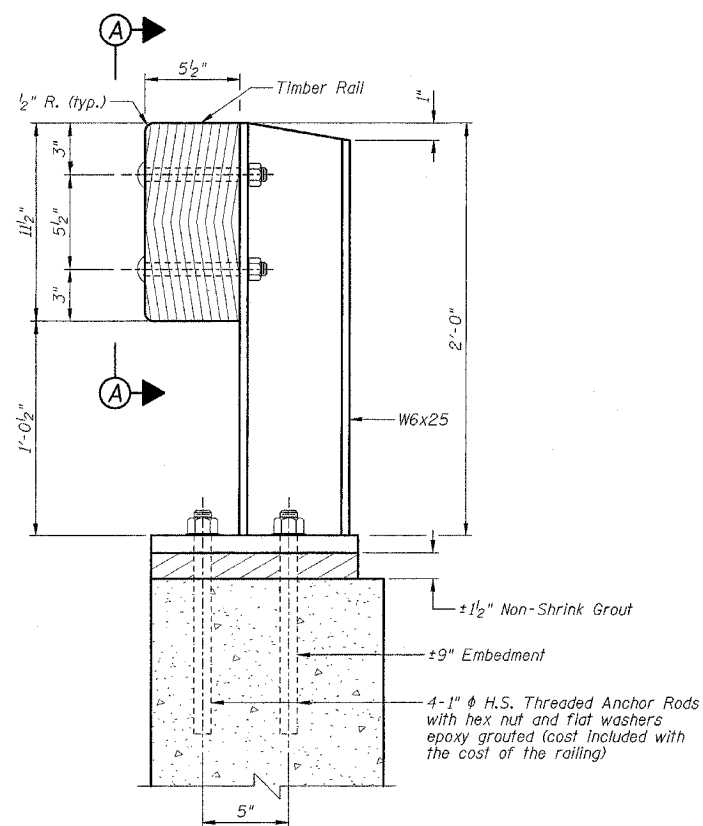
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONTRACT NO. 44924

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		POPE	60	32
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

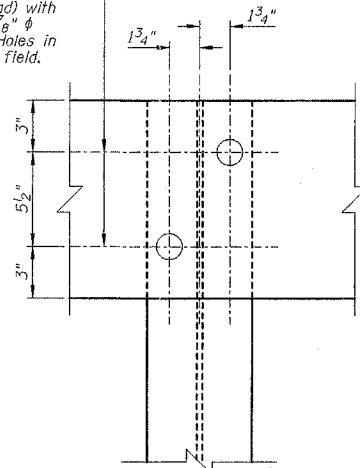
SHEET NO. B6

OF 11 SHEETS



SECTION AT RAIL POST

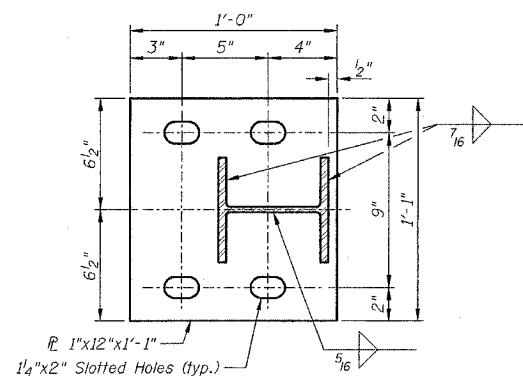
2-3/4" ϕ Round Head bolts (with slot or approved recess in head) with locknut and flat washer. 9/8" ϕ holes in rail and posts. Holes in rail shall be drilled in the field.



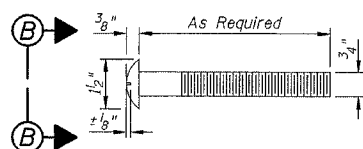
VIEW A-A

NOTES

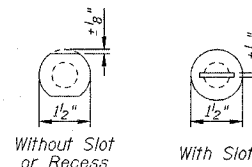
- All wood rails shall comply with Article 1007.03.
- All rails shall be rough cut. Dimensions of rails are net, not nominal dimensions.
- All rails shall be treated in accordance with Article 1007.12.
- All rail posts, splice plates and base plates shall be painted as noted in the Special Provisions.
- All other steel shapes and plates shall conform to the requirements of AASHTO M-270, Grade 36 except posts shall conform to AASHTO M-270, Grade 50.
- Bolts, cap screws and nuts shall conform to the requirements of ASTM designation A-307 except that threaded rods, nuts and washers shall conform to AASHTO M-164.
- All bolts, nuts, cap screws, washers and lock washers shall be galvanized in accordance with AASHTO M-232.
- All posts, rail splices and anchor rods shall be galvanized after shop fabrication in accordance with AASHTO M-111 and ASTM A-385.
- The contractor shall use the capsule or the adhesive cartridge type anchor rods that have been previously tested and given a prior approval by the department. The contractor shall install these anchor rods in pre-drilled holes in accordance with the manufacturer's recommendations and procedures.
- The capsule or the adhesive cartridge shall be a sealed glass capsule or a sealed glass adhesive cartridge containing premeasured amounts of the adhesive chemical.
- Nuts for 1" ϕ threaded anchor rods connecting the base plate to the concrete shall be tightened to a snug fit and given an additional 1/6 turn.
- After guardrail post is mounted the area between the base plate and the existing concrete surface shall be filled with non-shrink grout.



BASE PLATE DETAIL



ROUND HEAD BOLT DETAIL



VIEW B-B

BILL OF MATERIAL

Item	Unit	Quantity
Treated Timber Rail	Foot	82

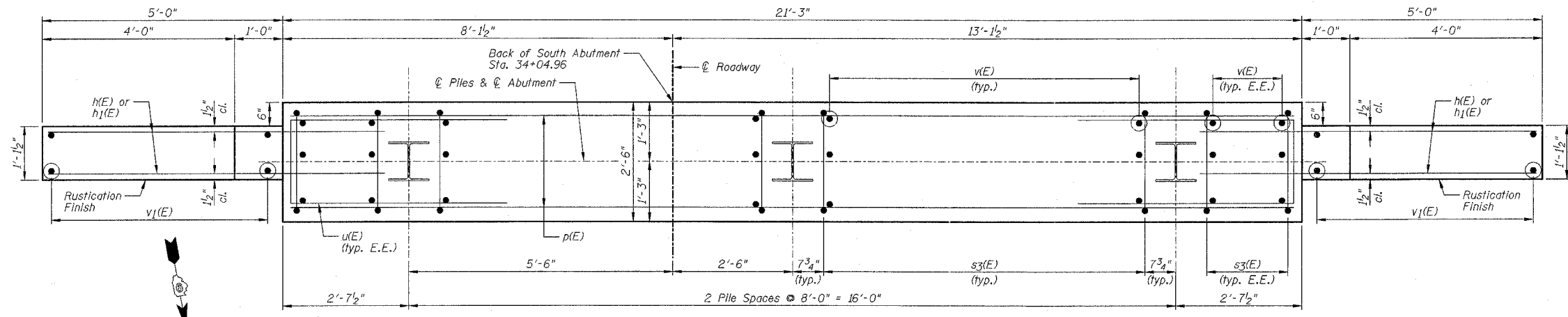
REVISIONS	
NAME	DATE
DJM	4/02/07

ILLINOIS DEPARTMENT OF TRANSPORTATION
TIMBER BRIDGE RAIL DETAILS
DIXON SPRINGS STATE PARK
ROAD OVER HILLS BRANCH
POPE COUNTY
STRUCTURE NO. 076-9924
DESIGNED BY: MJG
DATE: 11/30/06
DRAWN BY: DJM
CHECKED BY: MSW

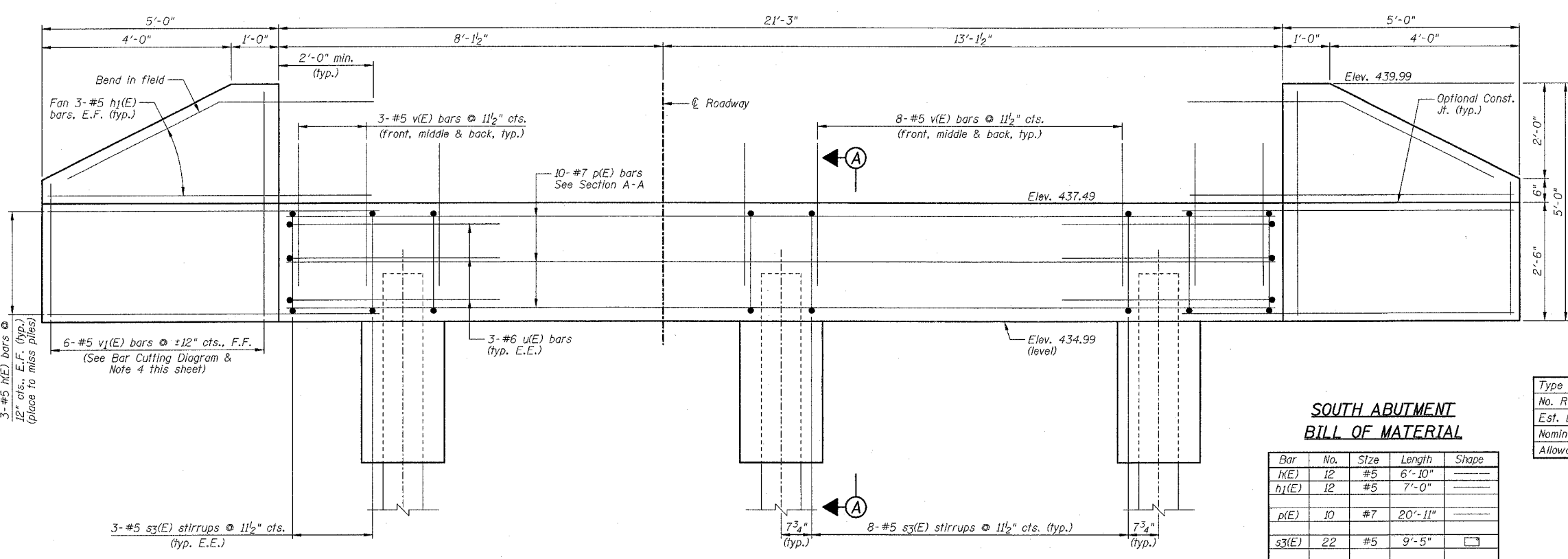
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONTRACT NO. 44924	
F.A. RTE.	SECTION COUNTY TOTAL SHEETS SHEET NO.
	POPE 60 33
STA.	TO STA.
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

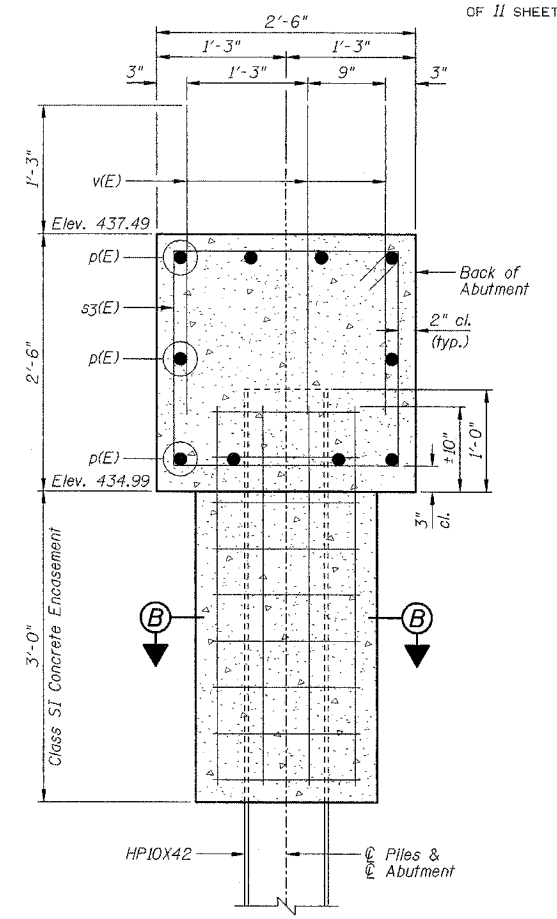
SHEET NO. B7
OF 11 SHEETS



PLAN



ELEVATION
(Looking South)



SECTION A-A

SECTION B-B

**SOUTH ABUTMENT
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
h(E)	12	#5	6'-10"	—
h1(E)	12	#5	7'-0"	—
p(E)	10	#7	20'-11"	—
s3(E)	22	#5	9'-5"	□
u(E)	6	#6	11'-1"	—
v(E)	66	#5	3'-0"	—
v1(E)	12	#5	7'-4"	—

Item	Unit	Quantity
Porous Granular Embankment, Special	Cu Yd	11
Structure Excavation	Cu Yd	40
Concrete Structure	Cu Yd	6.5
Reinforcement Bars, Epoxy Coated	Pound	1220
Furnishing Steel Piles HP10x42	Foot	20
Driving Piles	Foot	20
Test Pile Steel HP10x42	Each	1
Geocomposite Wall Drain	Sq Yd	10
Pipe Underdrains For Structures 4"	Foot	45

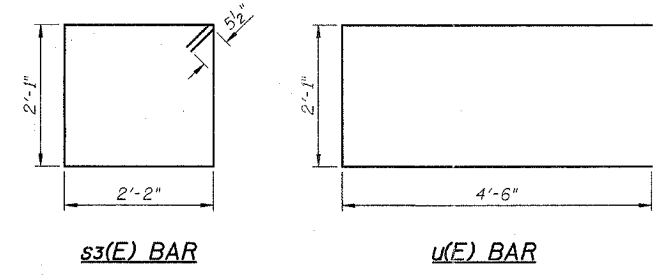
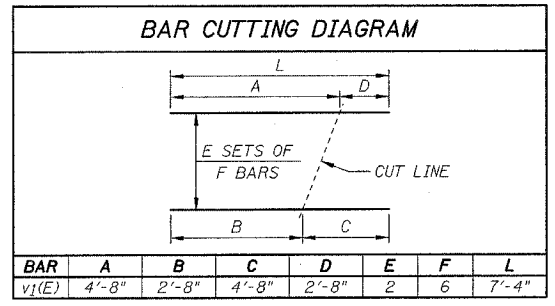
PILE DATA:

Type	HP10x42 Steel
No. Req'd.	2+1 Test Pile
Est. Length	10 feet
Nominal Required Bearing	300 kips
Allowable Resistance Available	100 kips

Welded Wire Fabric 6x6-W4.0xW4.0 weighing 58#/100 sq. ft. The cost of excavation, Class SI Concrete Encasement and reinforcement is included with "Furnishing Piles". Form for encasement may be omitted when soil conditions will permit.

NOTES:

- 1) Work this sheet with Sheet B2.
- 2) Reinforcement bars designated (E) shall be epoxy coated.
- 3) E.E. denotes Each End, E.F. denotes Each Face & F.F. denotes Front Face.
- 4) Order v1(E) bars full length. Cut according to Bar Cutting Diagram. Use remainder of v1(E) bars in opposite face of wingwall.
- 5) See B10 for Rustication Finish details.



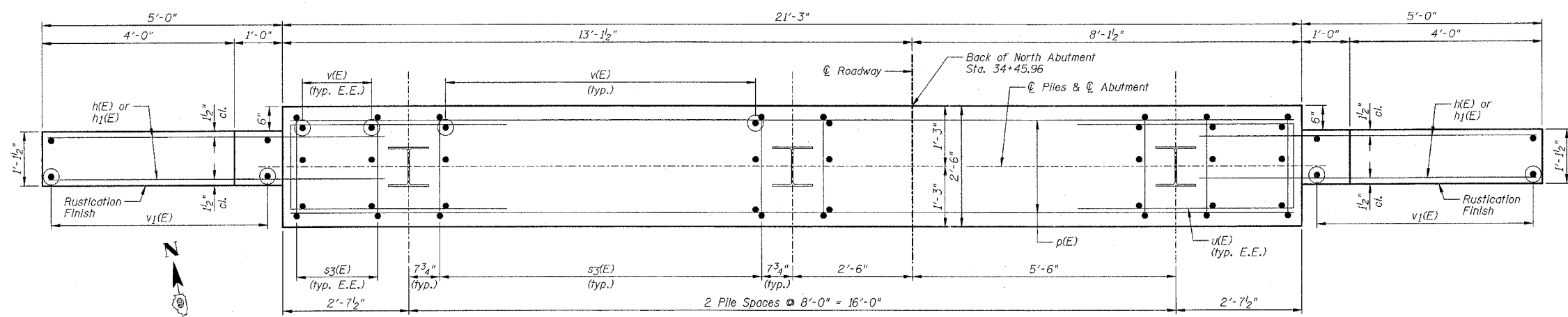
REVISIONS	
NAME	DATE
DJM	4/02/07

ILLINOIS DEPARTMENT OF TRANSPORTATION
SOUTH ABUTMENT
DIXON SPRINGS STATE PARK
ROAD OVER HILLS BRANCH
POPE COUNTY
STRUCTURE NO. 076-9924
DESIGNED BY: MJG
DATE: 11/30/06
DRAWN BY: DJM
CHECKED BY: MSW

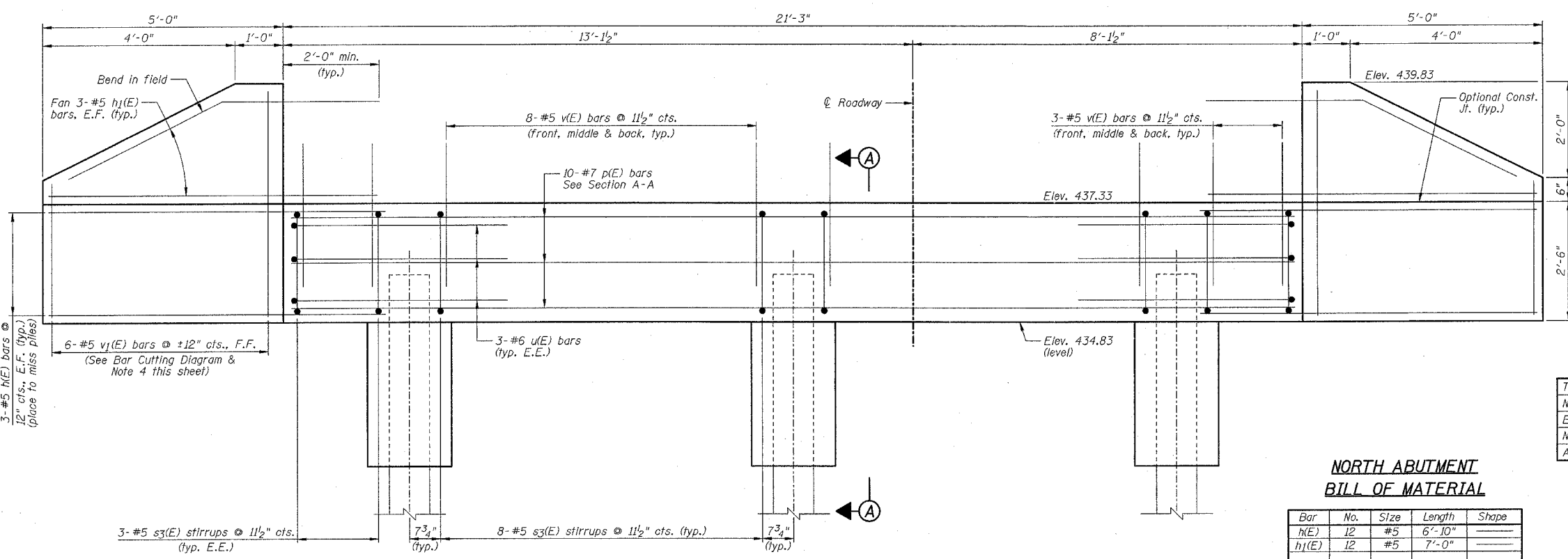
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONTRACT NO. 44924			
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
		POPE	60
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

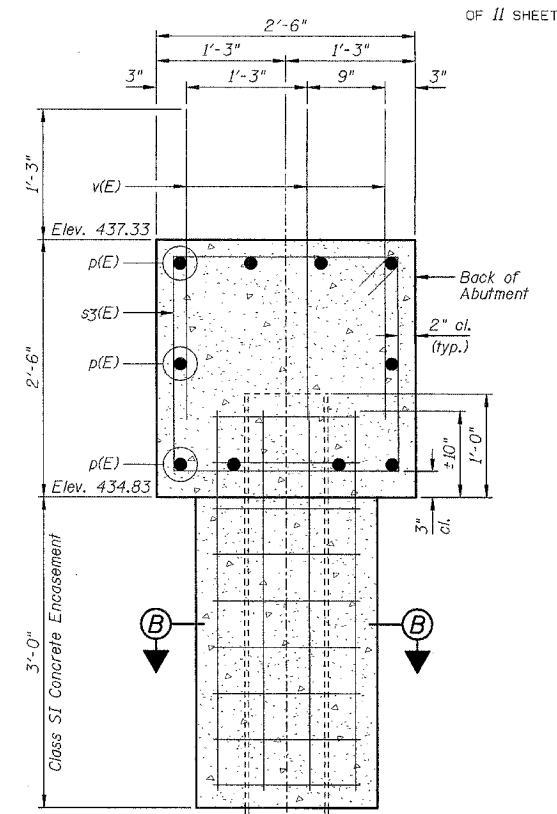
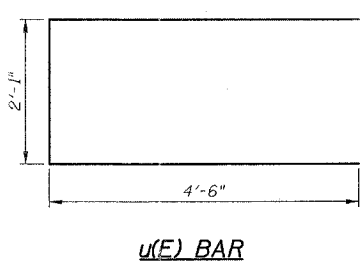
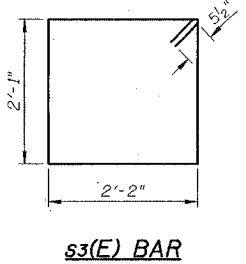
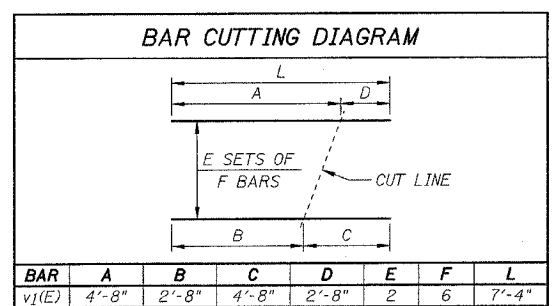
SHEET NO. B8
OF 11 SHEETS



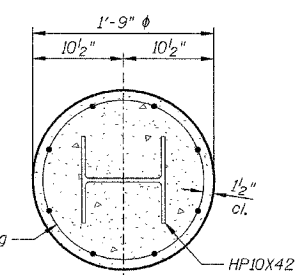
PLAN



ELEVATION
(Looking North)



SECTION A-A



SECTION B-B

PILE DATA:

Type	HP10x42 Steel
No. Req'd.	3 Piles
Est. Length	10 Feet
Nominal Required Bearing	300 kips
Allowable Resistance Available	100 kips

NORTH ABUTMENT
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	12	#5	6'-10"	—
h1(E)	12	#5	7'-0"	—
p(E)	10	#7	20'-11"	—
s3(E)	22	#5	9'-5"	□
u(E)	6	#6	11'-1"	—
v(E)	66	#5	3'-0"	—
v1(E)	12	#5	7'-4"	—

Item	Unit	Quantity
Porous Granular Embankment, Special	Cu Yd	11
Structure Excavation	Cu Yd	40
Concrete Structures	Cu Yd	6.5
Reinforcement Bars, Epoxy Coated	Pound	1220
Furnishing Steel Piles HP10x42	Foot	30
Driving Piles	Foot	30
Geocomposite Wall Drain	Sq Yd	10
Pipe Underdrains For Structures 4"	Foot	45

Welded Wire Fabric 6x6-W4.0xW4.0 weighing 58#/100 sq. ft. The cost of excavation, Class SI Concrete Encasement and reinforcement is included with "Furnishing Piles". Form for encasement may be omitted when soil conditions will permit.

NOTES:

- 1.) Work this sheet with Sheet B2.
- 2.) Reinforcement bars designated (E) shall be epoxy coated.
- 3.) E.E. denotes Each End, E.F. denotes Each Face & F.F. denotes Front Face.
- 4.) Order v1(E) bars full length. Cut according to Bar Cutting Diagram. Use remainder of v1(E) bars in opposite face of wingwall.
- 5.) See B10 for Rustication Finish details.

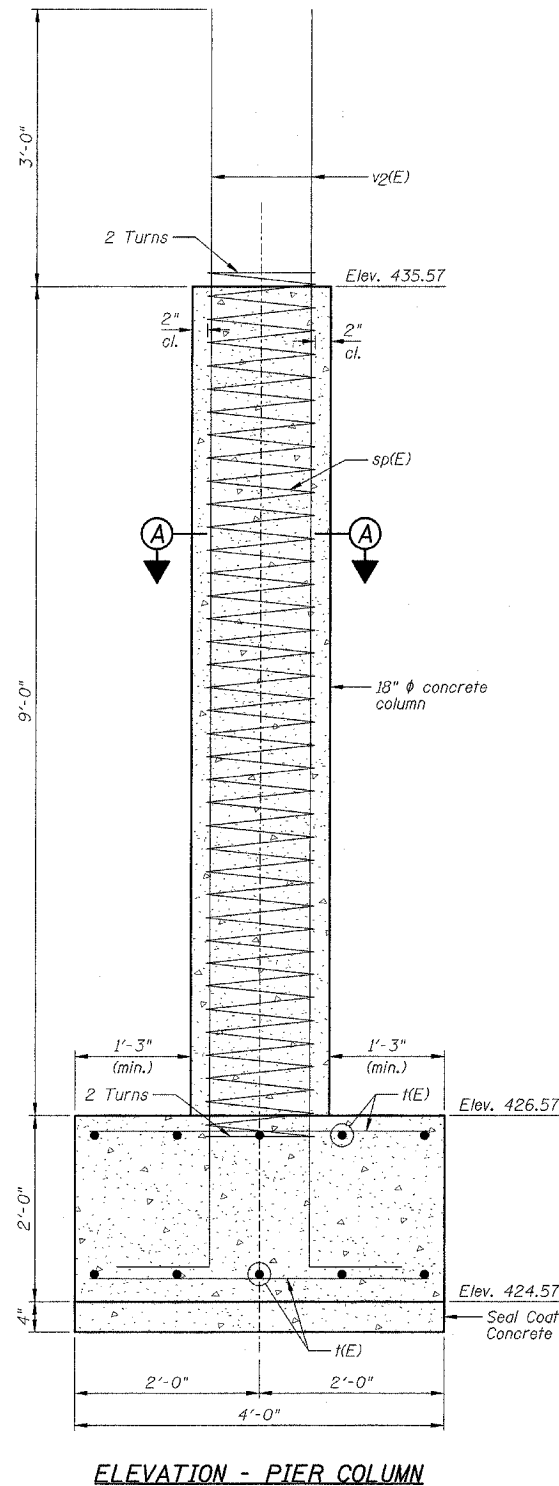
REVISIONS	
NAME	DATE
DJM	4/02/07

ILLINOIS DEPARTMENT OF TRANSPORTATION
NORTH ABUTMENT
DIXON SPRINGS STATE PARK
ROAD OVER HILLS BRANCH
POPE COUNTY
STRUCTURE NO. 076-9924
DESIGNED BY: MJG
DATE: 11/30/06
DRAWN BY: DJM
CHECKED BY: MSW

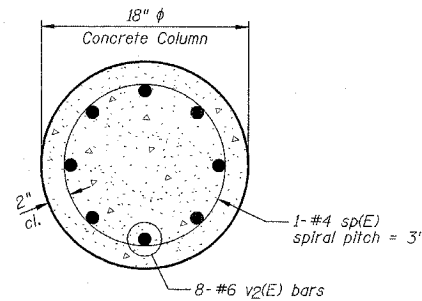
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		POPE	60	35
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

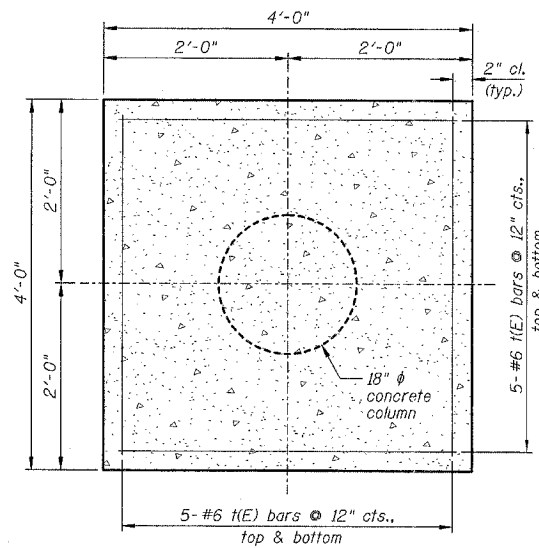
SHEET NO. B9
OF 11 SHEETS



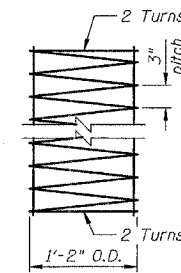
ELEVATION - PIER COLUMN



SECTION A-A

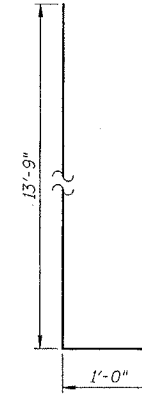


PLAN - COLUMN FOOTING



*sp(E) BAR

*Provide 4-#4 spacers or spacers mounted with clip angles or equivalent. Bar length based on 1 continuous length. Laps and turns not included in the length, but are to be added at no additional cost.



v2(E) BAR

PIER
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
sp(E)	2	#4	150'-0"	⊘
f(E)	40	#6	3'-8"	—
v2(E)	16	#6	14'-9"	—
Item	Unit	Quantity		
Rock Excavation for Structures	Cu Yd	5		
Structure Excavation	Cu Yd	22		
Concrete Structures	Cu Yd	3.6		
Seal Coat Concrete	Cu Yd	0.4		
Reinforcement Bars, Epoxy Coated	Pound	770		

NOTES:

- 1.) Work this sheet with Sheet B2.
- 2.) Reinforcement bars designated (E) shall be epoxy coated.
- 3.) Calculated Maximum Soil Pressure = 7400 psf.
- 4.) v2(E) bars may be mechanically spliced at Contractor's option, no additional compensation allowed.

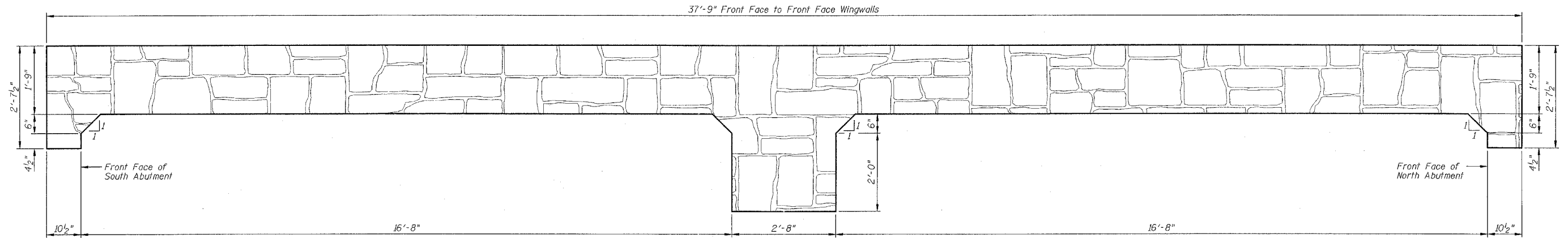
REVISIONS	
NAME	DATE
DJM	4/02/07

ILLINOIS DEPARTMENT OF TRANSPORTATION
PIER
DIXON SPRINGS STATE PARK
ROAD OVER HILLS BRANCH
POPE COUNTY
STRUCTURE NO. 076-9924
DESIGNED BY: MJG
DRAWN BY: DJM
DATE: 11/30/06
CHECKED BY: MSW

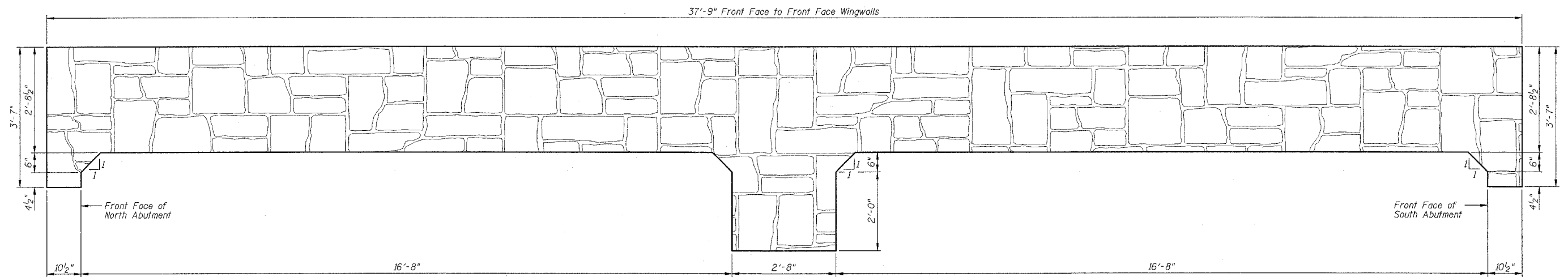
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		POPE	60	36
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

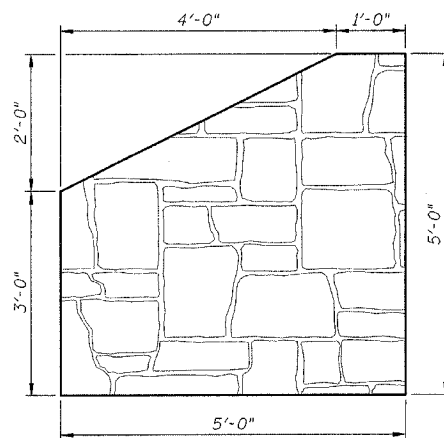
SHEET NO. B10
OF 11 SHEETS



OUTSIDE ELEVATION OF DECK
(East Side Looking West)



OUTSIDE ELEVATION OF DECK
(West Side Looking East)

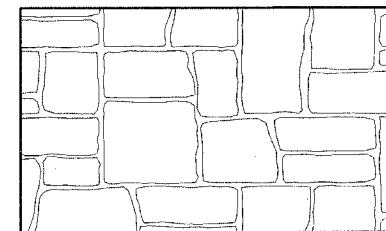


TYPICAL WINGWALL ELEVATION
(Looking at Front Face)

BILL OF MATERIAL

Item	Unit	Super	Sub	Total
Rustication Finish	Sq. Ft.	186	84	270

NOTE:
Work this sheet with Sheets B2, B3-B5, B7 & B8.



**EXAMPLE OF
RUSTICATION PATTERN**

Notes: Maximum Relief = 1 1/2"
Stone Size = 8"-25"

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
RUSTICATION FINISH LOCATIONS
DIXON SPRINGS STATE PARK
ROAD OVER HILLS BRANCH
POPE COUNTY
STRUCTURE NO. 076-9924
DESIGNED BY: MJG
DATE: 11/30/06
DRAWN BY: DJM
CHECKED BY: MSW

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		POPE	60	37
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SHEET NO. B11
OF 11 SHEETS

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Nine Materials

Bridge Foundation
Boring Log
Sheet 1 of 1

Main Road in Dixon Springs State Park Over Stream

Route: _____ Structure Number: 076-9907 Date: 4/4/2006

Section: _____ Bored By: Bryan Keller

County: Pope Location: Dixon Springs State Park Checked By: Rob Graeff

D E P T H	B L O W	Qu tsf	W%	Surf Wat Elev: 433.9		D E P T H	B L O W	Qu tsf	W%
				Ground Water Elevation when Drilling	431.5				
Very soft, wet, brown, Silty Clay Loam A-6				At: 2 Hrs: 435.0					
	1	0.1B	26						
	1								
	5.0	WH	0.1B	22		30.0			
		WH							
		3							
					431.5				
Very dense, wet, brown to grey, Silty Gravel 78% Sand; 9% Silt 3% Clay; 10% Gravel									
	11		15						
	37								
	45								
					429.0				
Stiff, moist, grey, Clay Loam A-6									
	10.0	4	13			35.0			
		7	1.9S						
		13							
					426.5				
Hard, dry, grey, Clay Shale									
		100/8"							
					15.0	40.0			
Hard, dry, grey, Clay Shale									
		100/8"			421.0				
Bottom of hole = 17.5 ft									
Free water observed at 7.0 ft.									
					20.0	45.0			
Elevations from BM # 18 Cut square in NE corner of concrete drinking fountain base near restrooms N. of Swimming Pool +/- 75 ft south of bridge. Elev = 438.98									
To convert "N" values to "N80" values multiply by 1.25.									
					25.0	50.0			

N-Std Penetr Test: 2" OD Sampler, 140# Hammer, 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Nine Materials

Bridge Foundation
Boring Log
Sheet 1 of 1

Main Road in Dixon Springs State Park Over Stream

Route: _____ Structure Number: 076-9907 Date: 4/4/2006

Section: _____ Bored By: Bryan Keller

County: Pope Location: Dixon Springs State Park Checked By: Rob Graeff

D E P T H	B L O W	Qu tsf	W%	Surf Wat Elev: 433.9		D E P T H	B L O W	Qu tsf	W%
				Ground Water Elevation when Drilling	431.6				
Soft, very moist, brown, Silty Clay Loam A-6				At: 4 Hrs: 434.8					
	1	0.4B	25						
	1								
	5.0	WH	0.2B	35		30.0			
		WH							
		3							
					433.8				
Very soft, wet, grey, Silty Clay A-6									
	5.0	WH							
		2	0.2B	35					
		WH							
					431.3				
Medium, moist, grey, Silty Gravel 71% Sand 9% Silt 4% Clay									
	5		13						
	7								
	4								
					428.3				
16% Gravel									
	10.0	9				35.0			
Hard, dry, grey, Clay Shale									
		100/8"			427.3				
Bottom of hole = 11.0 ft									
No free water observed.									
Elevations from BM # 18 Cut square in NE corner of concrete drinking fountain base near restrooms N. of Swimming Pool +/- 75 ft south of bridge.									
					15.0	40.0			
To convert "N" values to "N80" values multiply by 1.25.									
					20.0	45.0			
					25.0	50.0			

N-Std Penetr Test: 2" OD Sampler, 140# Hammer, 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)

REVISIONS	
NAME	DATE

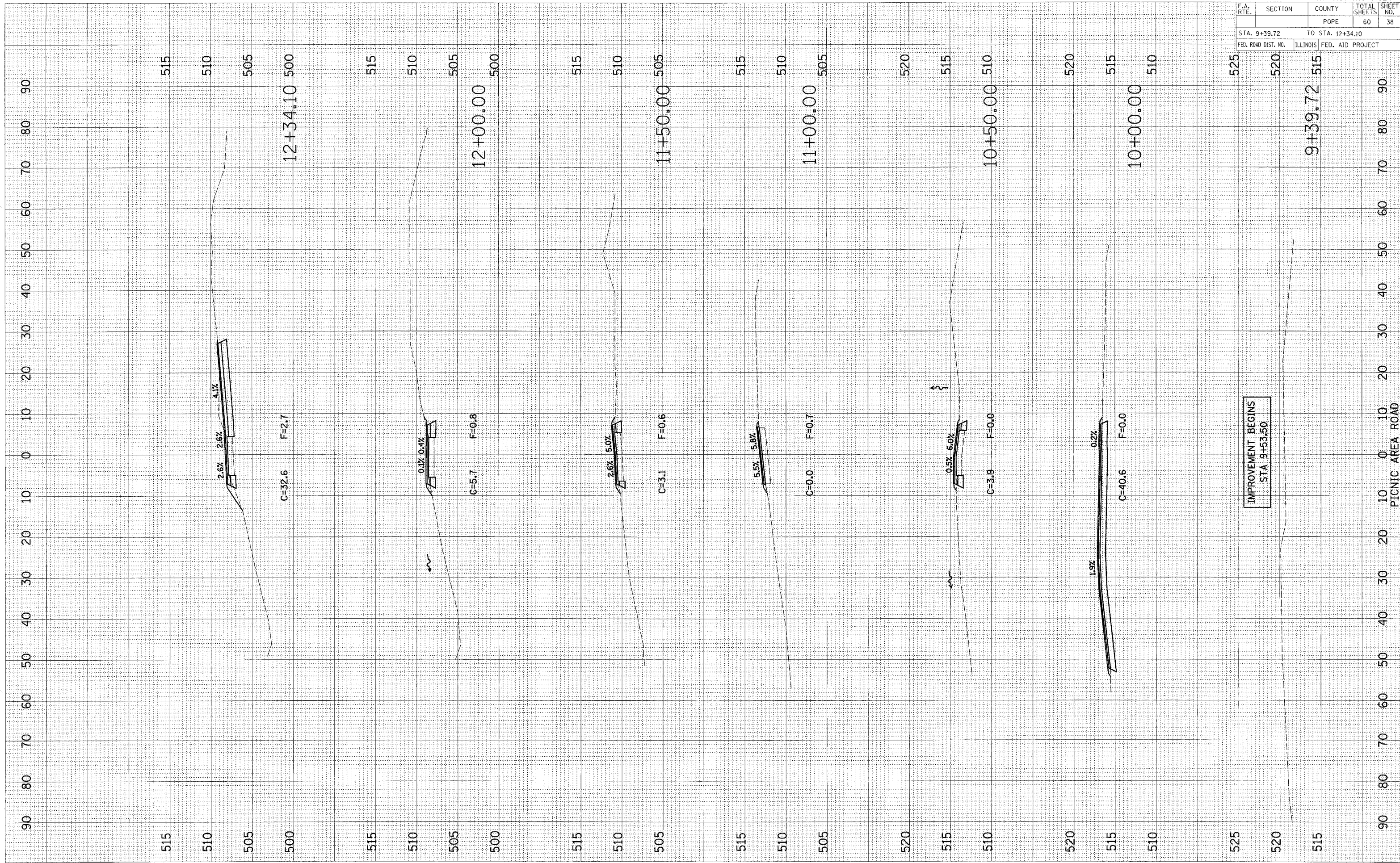
ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL BORING LOGS
DIXON SPRINGS STATE PARK
ROAD OVER HILLS BRANCH
POPE COUNTY
STRUCTURE NO. 076-9924
DESIGNED BY: MJG DRAWN BY: DJM
DATE: 11/30/05 CHECKED BY: MSW

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	POPE		60	38
STA. 9+39.72		TO STA. 12+34.10		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEYED	SURVEYED
PLOTTED	PLOTTED
NOTE BOOK	NOTE BOOK
AREAS	AREAS
CHECKED	CHECKED

ORIGINAL SURVEYED	SURVEYED
PLOTTED	PLOTTED
NOTE BOOK	NOTE BOOK
AREAS	AREAS
CHECKED	CHECKED

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 FILE NAME = #FILE#*
 PLOT SCALE = #SCALE*
 USER NAME = #USER#

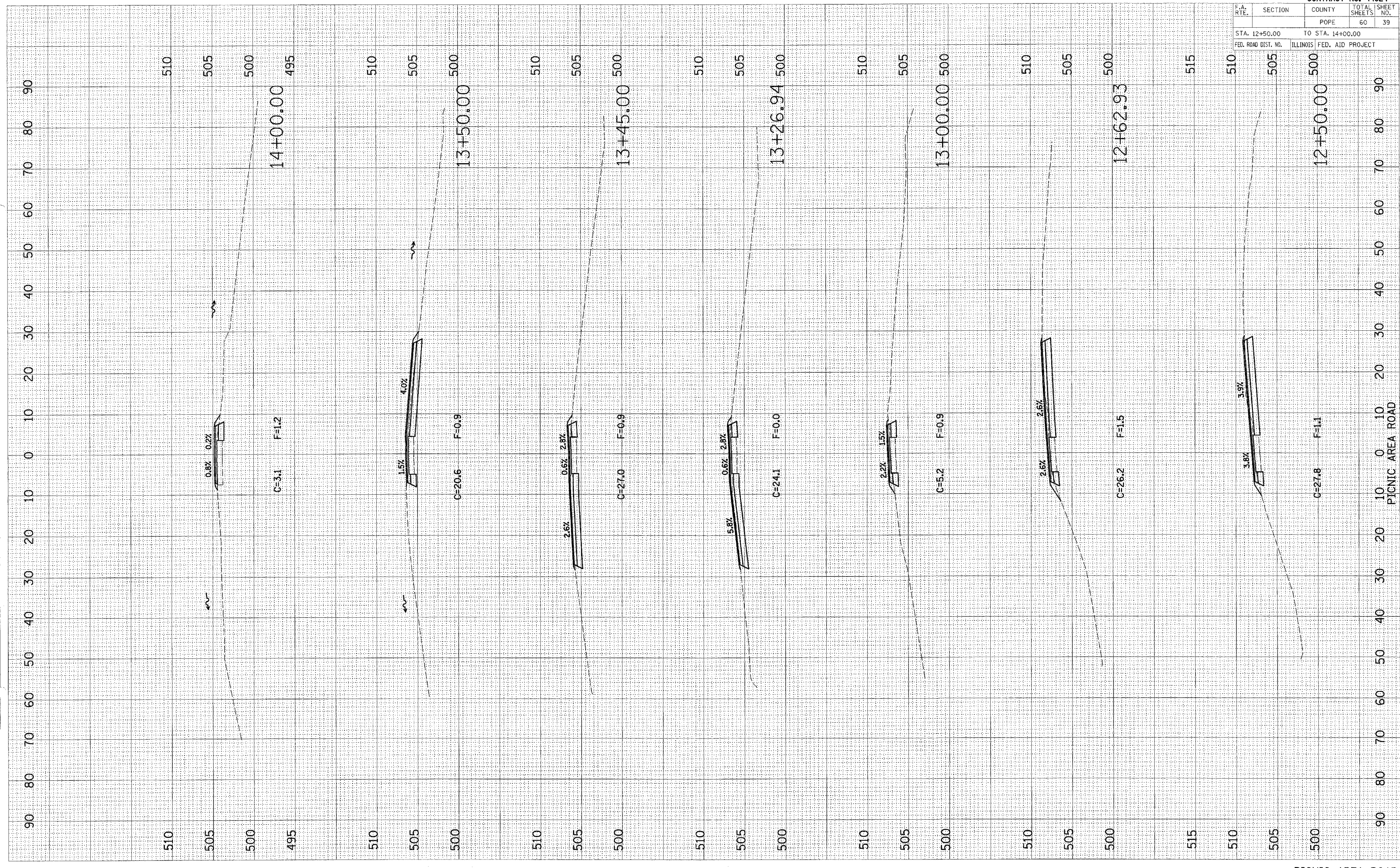


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		POPE	60	39
STA. 12+50.00		TO STA. 14+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	
BY	
SURVEYED	
NOTE BOOK	
TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
NOTE BOOK	
TEMPLATE	
AREAS CHECKED	
NO.	

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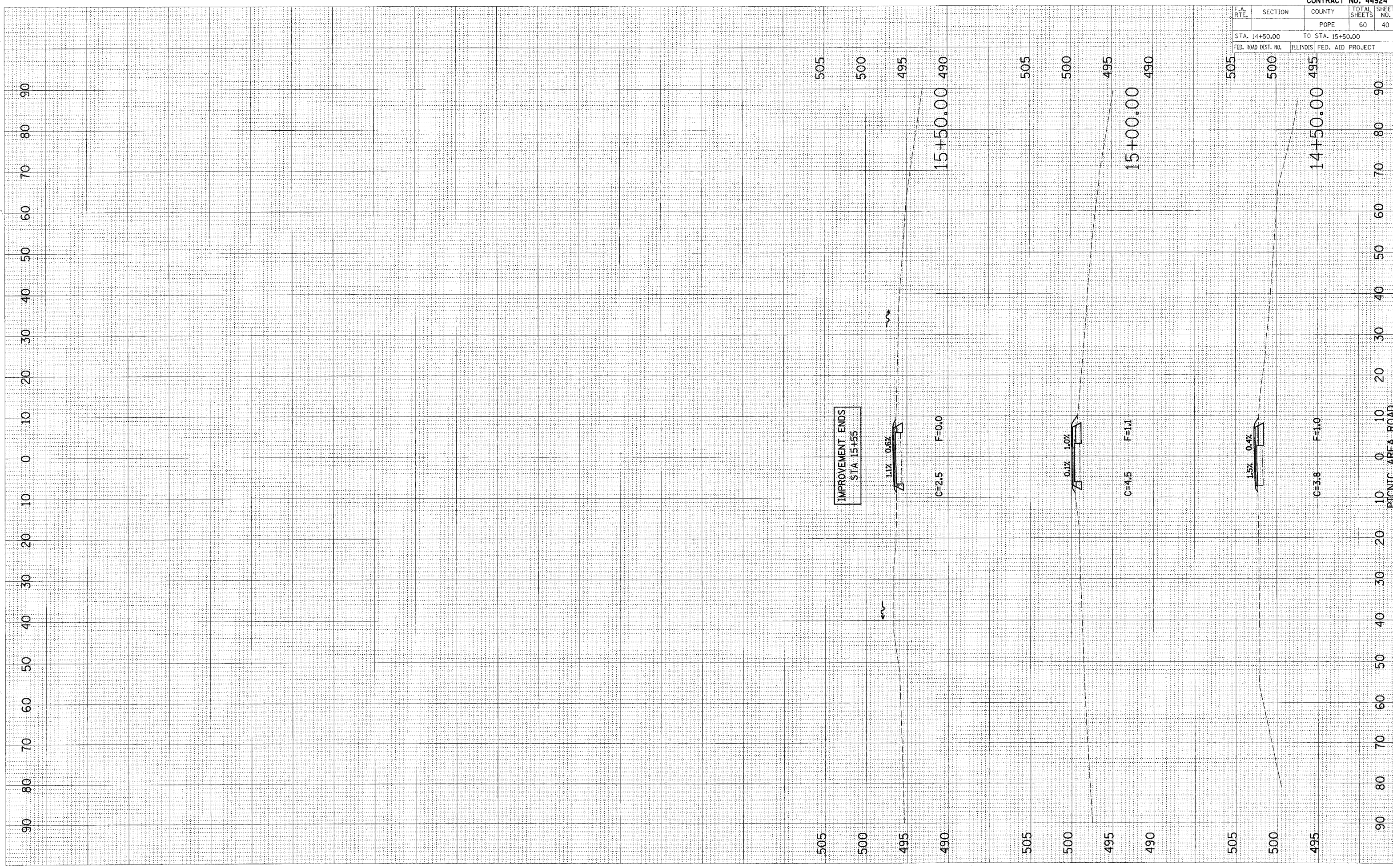


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		POPE	60	40
STA. 14+50.00		TO STA. 15+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	PLOTTED	TEMPLATE	AREAS CHECKED

ORIGINAL SURVEY	PLOTTED	TEMPLATE	AREAS CHECKED

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 FILE NAME = #141E.S
 PLOT SCALE = 8"=100'
 USER NAME = BOBENS

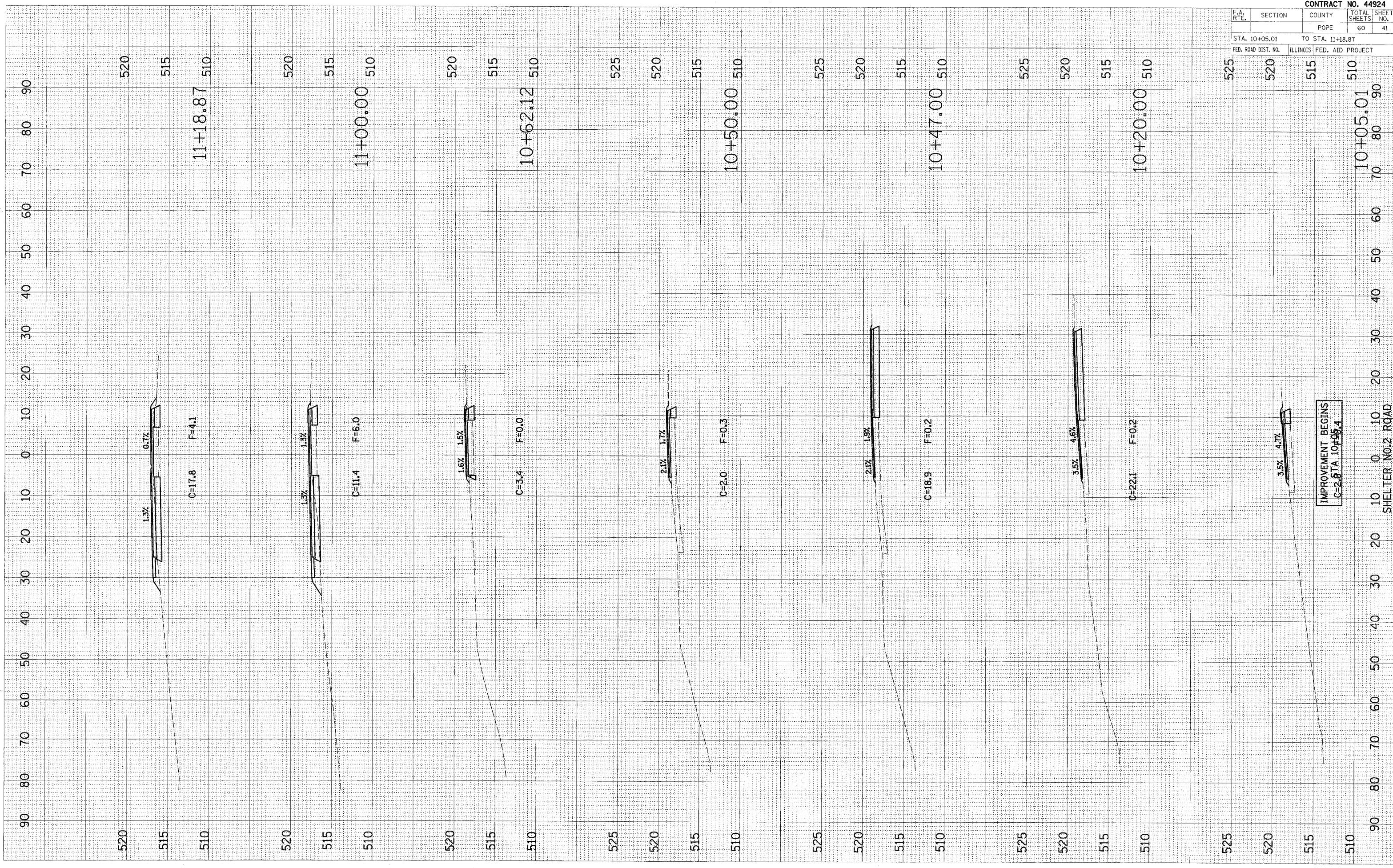


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		POPE	60	41
STA. 10+05.01		TO STA. 11+18.87		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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

NO.	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
AREA	TEMPLATE
CHECKED	AREAS CHECKED

PLOT DATE = DATE
 PLOT SCALE = SCALE
 USER NAME = USER

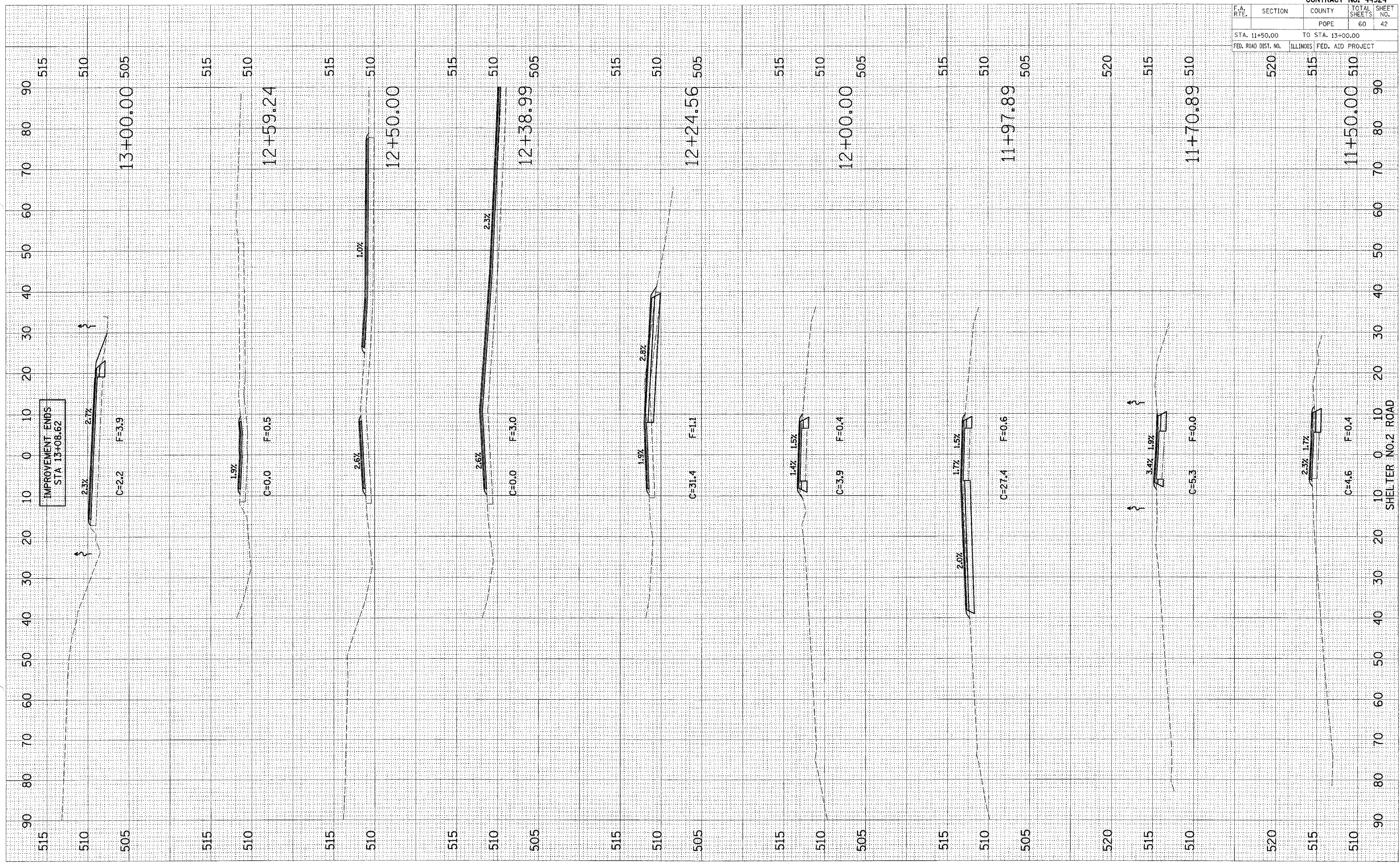


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		POPE	60	42
STA. 11+50.00		TO STA. 13+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

ORIGINAL SURVEY	REWORKED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

FINAL SURVEY	REWORKED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

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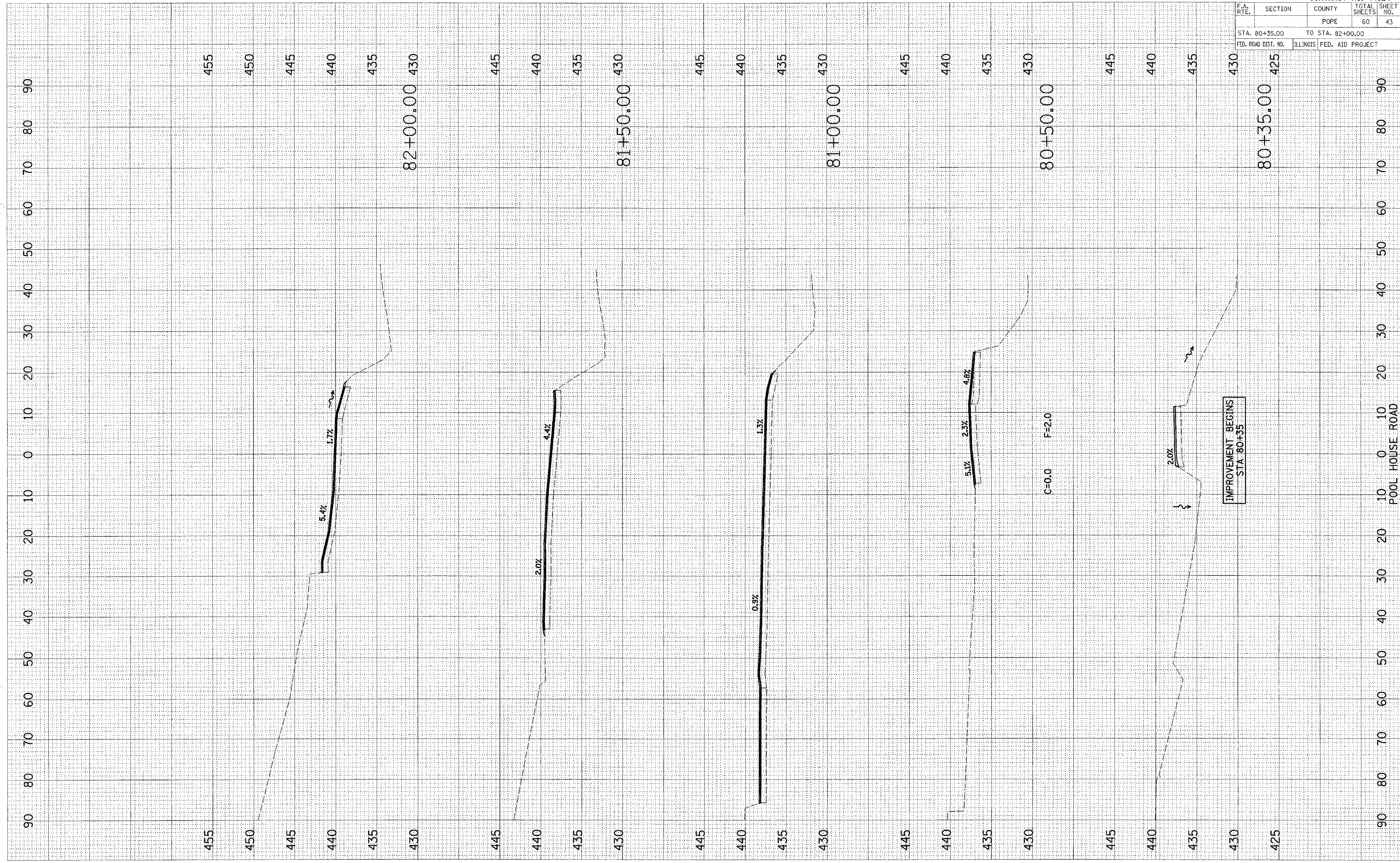


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		POPE	60	43
STA. 80+35.00		TO STA. 82+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	BY
DATE	BY
DATE	BY

DATE	BY
DATE	BY
DATE	BY

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 PLOT SCALE = #SCALE#
 USER NAME = #USER#

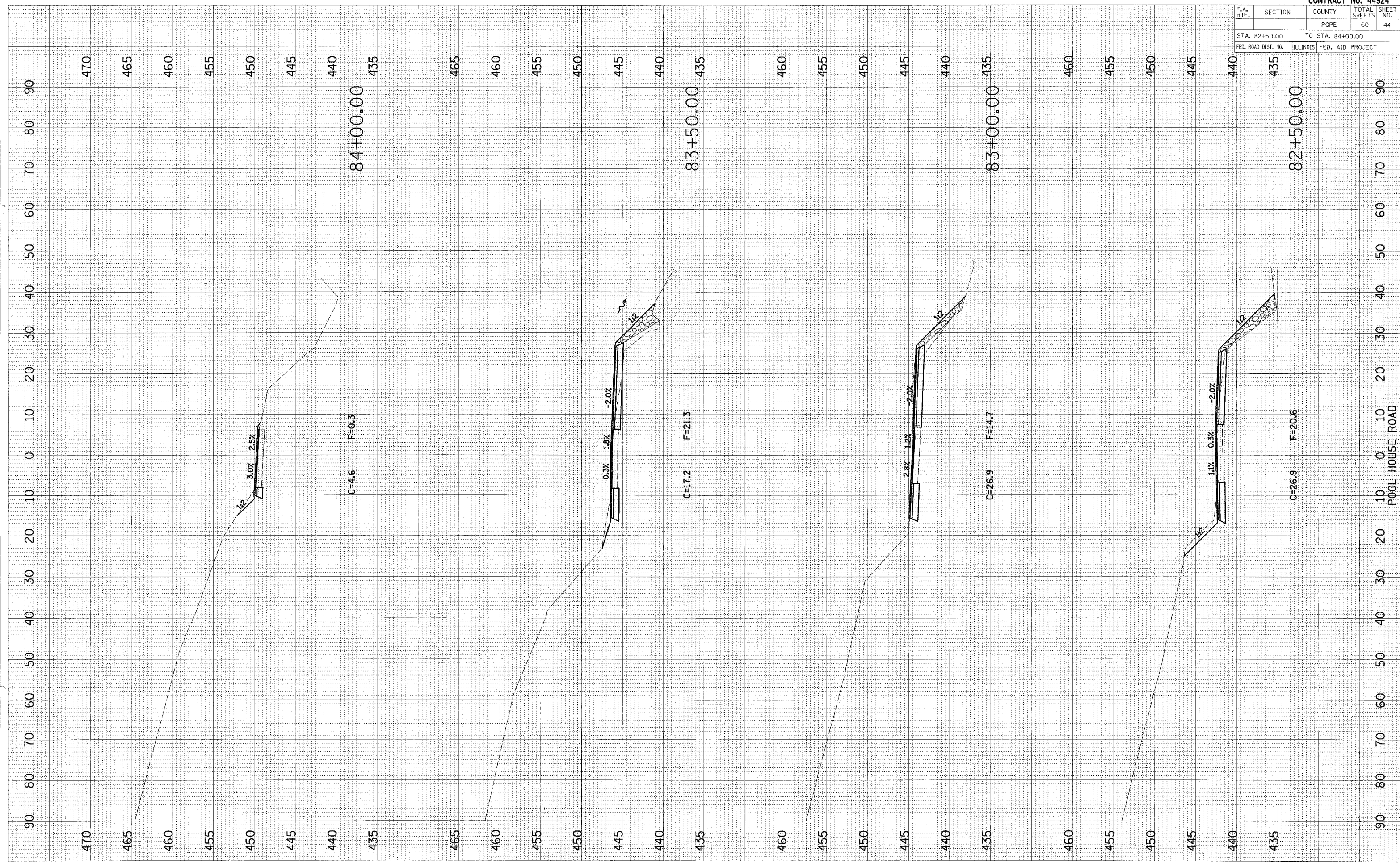


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		POPE	60	44
STA. 82+50.00		TO STA. 84+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	BY
SUPPLIED	BY
NOTE BOOK	NO.
AREA	
MEAS	
CHANGED	

DATE	BY
SUPPLIED	BY
NOTE BOOK	NO.
AREA	
MEAS	
CHANGED	

PLOT DATE = 8/27/07
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 PLOT SCALE = 8/SCALE
 USER NAME = 8/USER

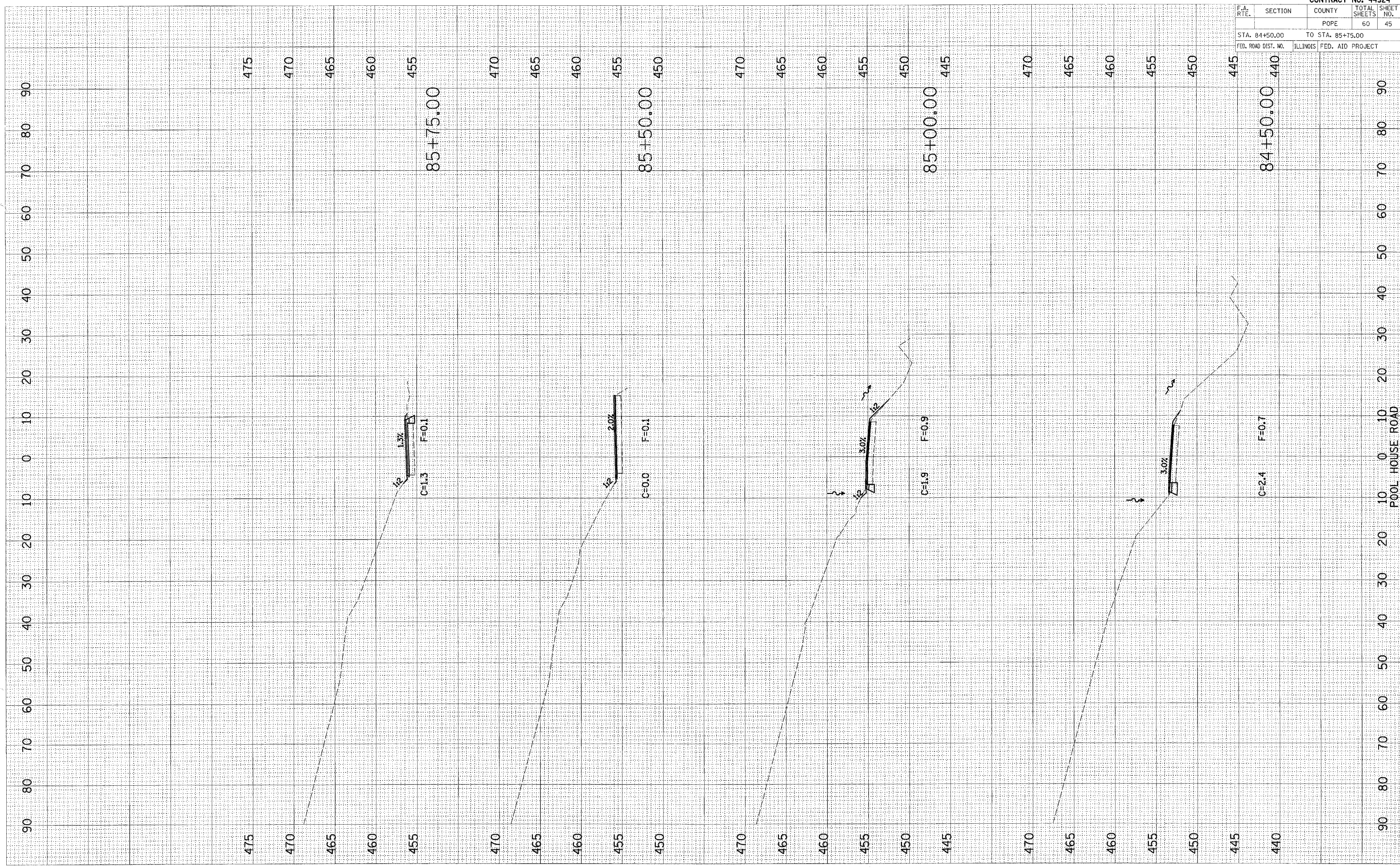


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		POPE	60	45
STA. 84+50.00		TO STA. 85+75.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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

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

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 USER NAME = 8USERS

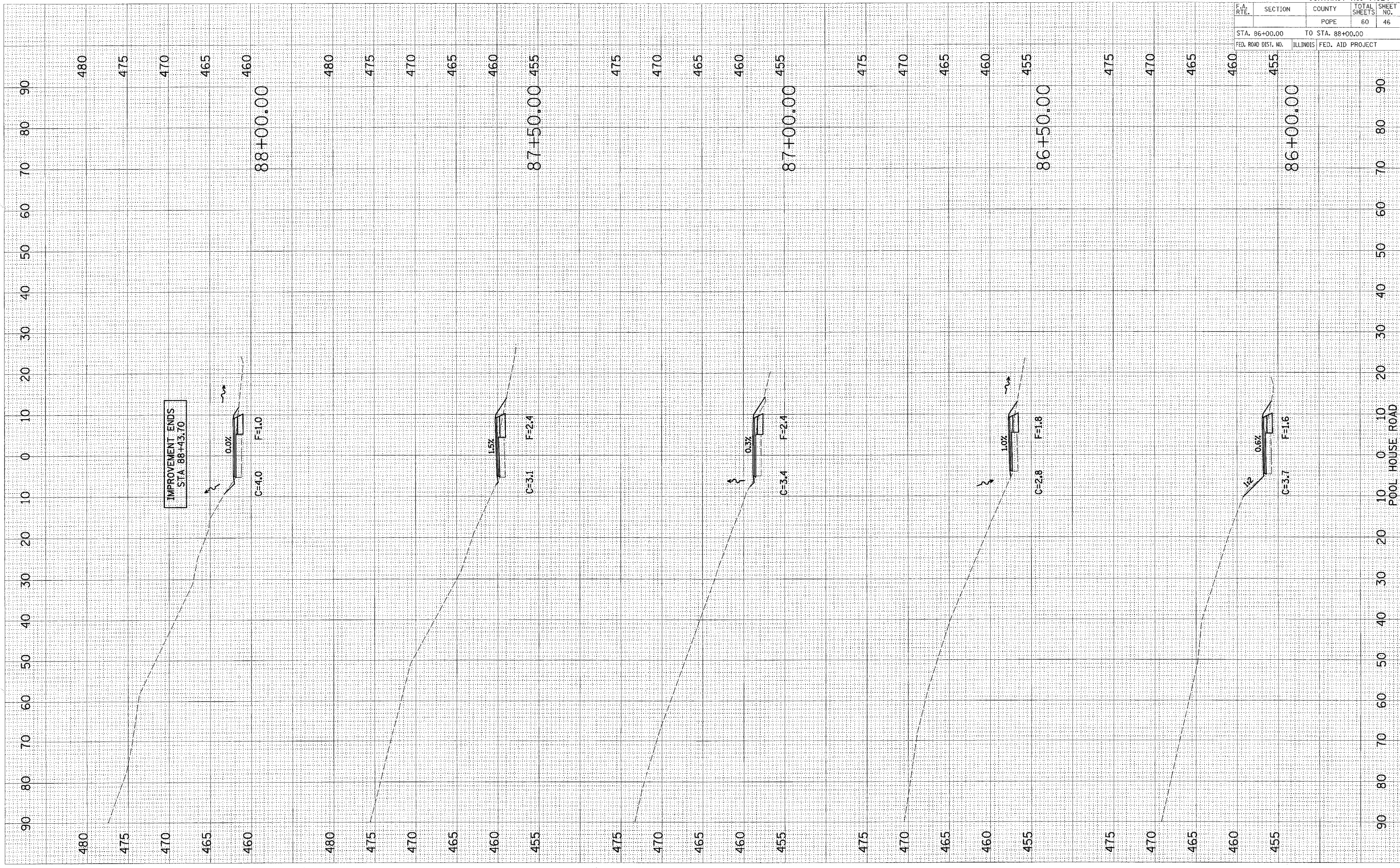


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		POPE	60	46
STA. 86+00.00		TO STA. 88+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

ORIGINAL SURVEY	FLIPPED SURVEY
NOT CHECKED	NOT CHECKED
NOT CHECKED	NOT CHECKED
NOT CHECKED	NOT CHECKED
NOT CHECKED	NOT CHECKED

ORIGINAL SURVEY	FLIPPED SURVEY
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NOT CHECKED	NOT CHECKED
NOT CHECKED	NOT CHECKED
NOT CHECKED	NOT CHECKED

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FILE NAME = 815E15
DRAWN BY = J. B. BAKER
USER NAME = J. B. BAKER

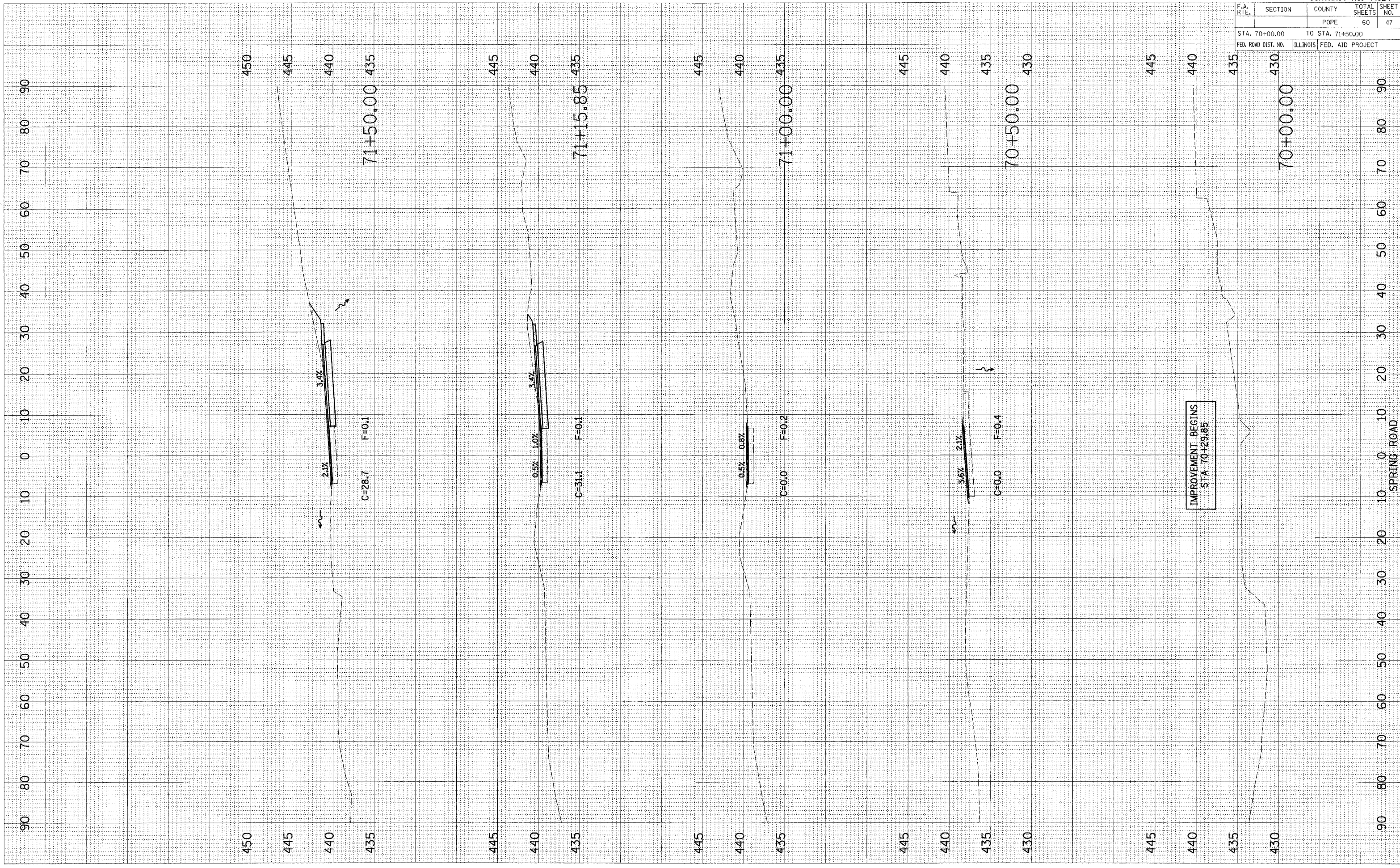


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		POPE	60	47
STA. 70+00.00 TO STA. 71+50.00				
ILLINOIS FED. AID PROJECT				

ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

PLOT DATE = 04/24/85
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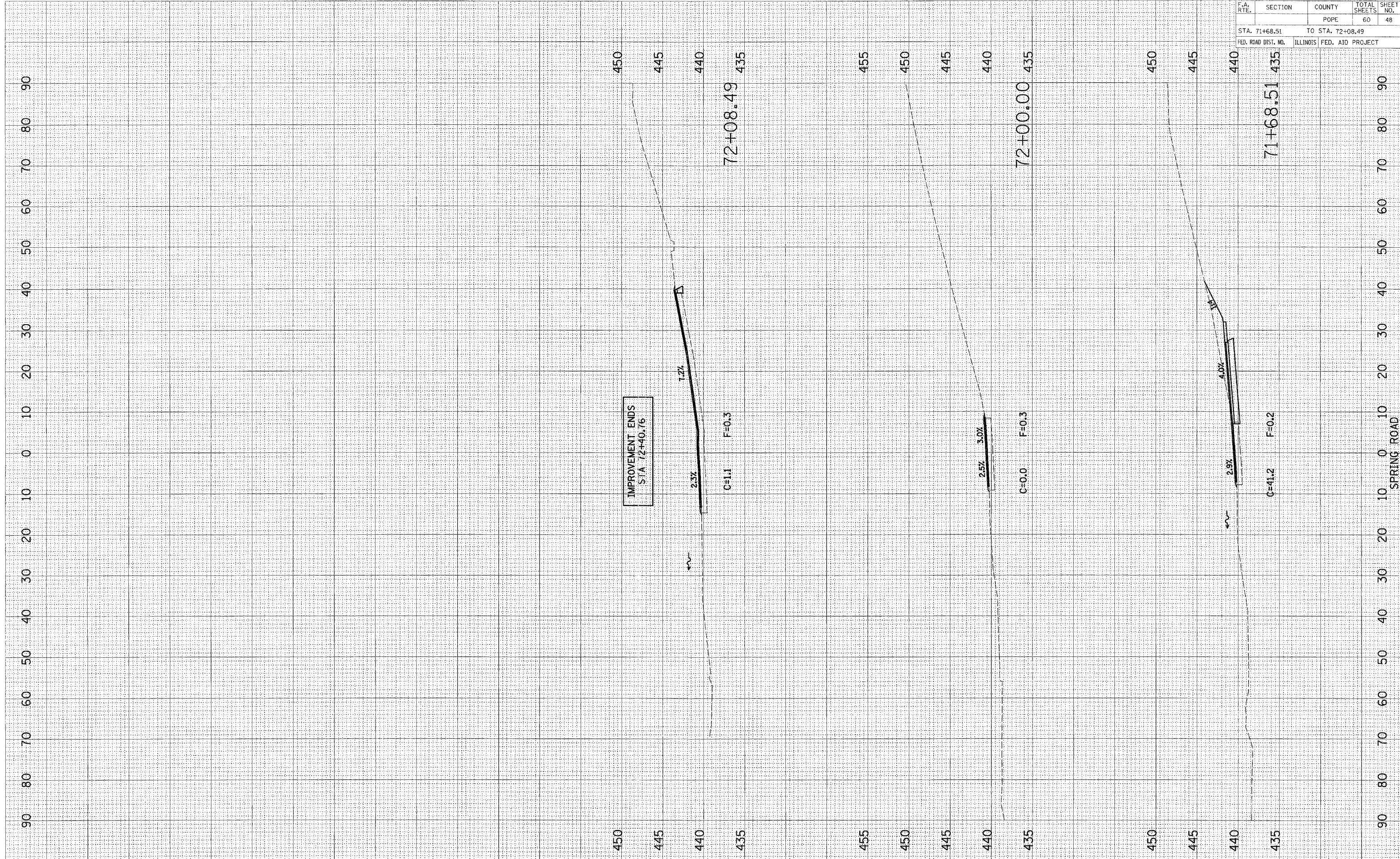


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		POPE	60	48
STA. 71+68.51		TO STA. 72+08.49		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DATE	BY

DATE	BY

PLOT DATE * * * * *
 FILE NAME * * * * *
 PLOT SCALE * * * * *
 USER NAME * * * * *

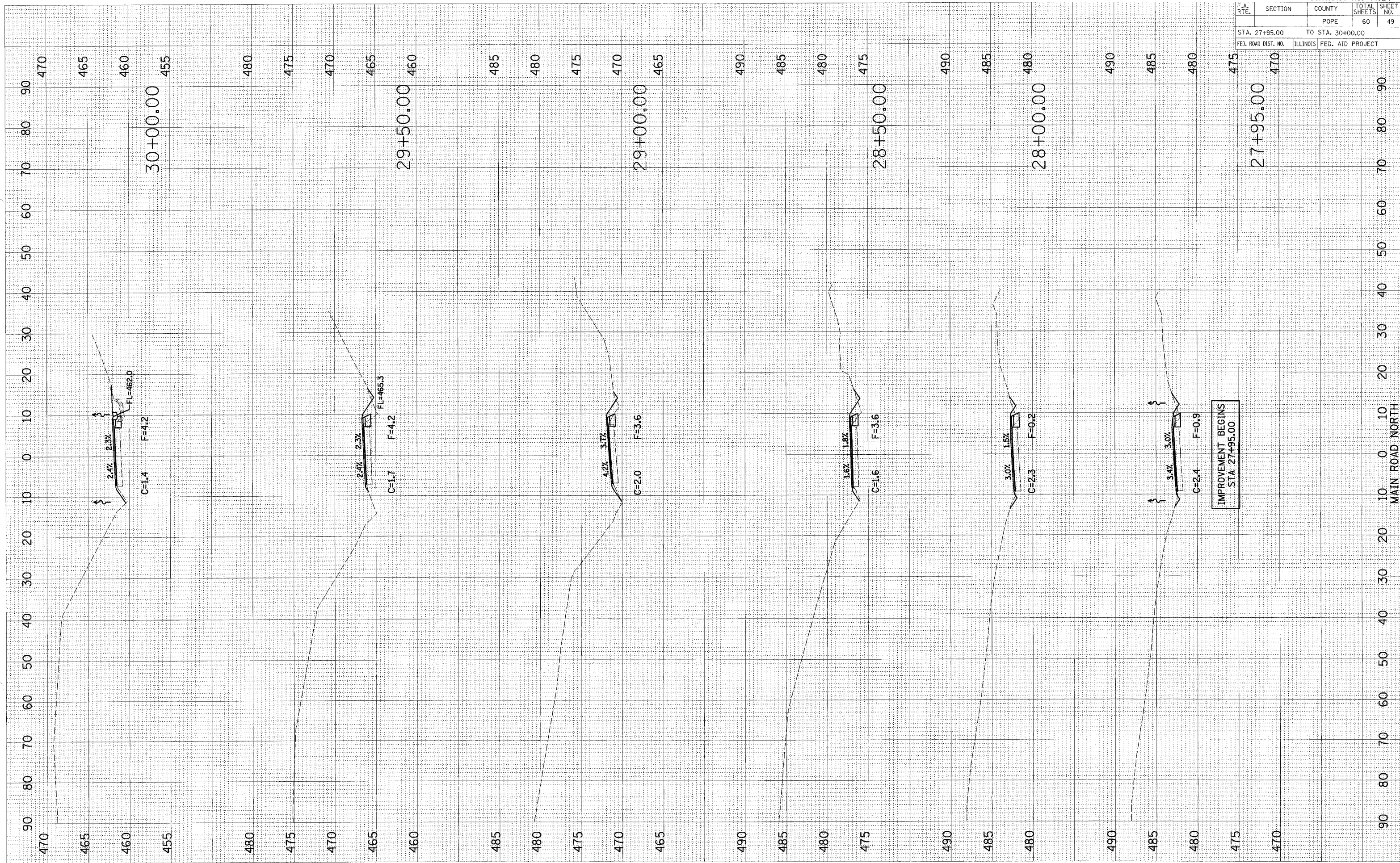


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		POPE	60	49
STA. 27+95.00		TO STA. 30+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DESIGNED	DATE
PLOTTED	
SURVEY	
NOTE BOOK	
AREAS CHECKED	
NO.	

ORIGINAL	DATE
SURVEY	
NOTE BOOK	
AREAS CHECKED	
NO.	

PLOT DATE = #DATE#
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#



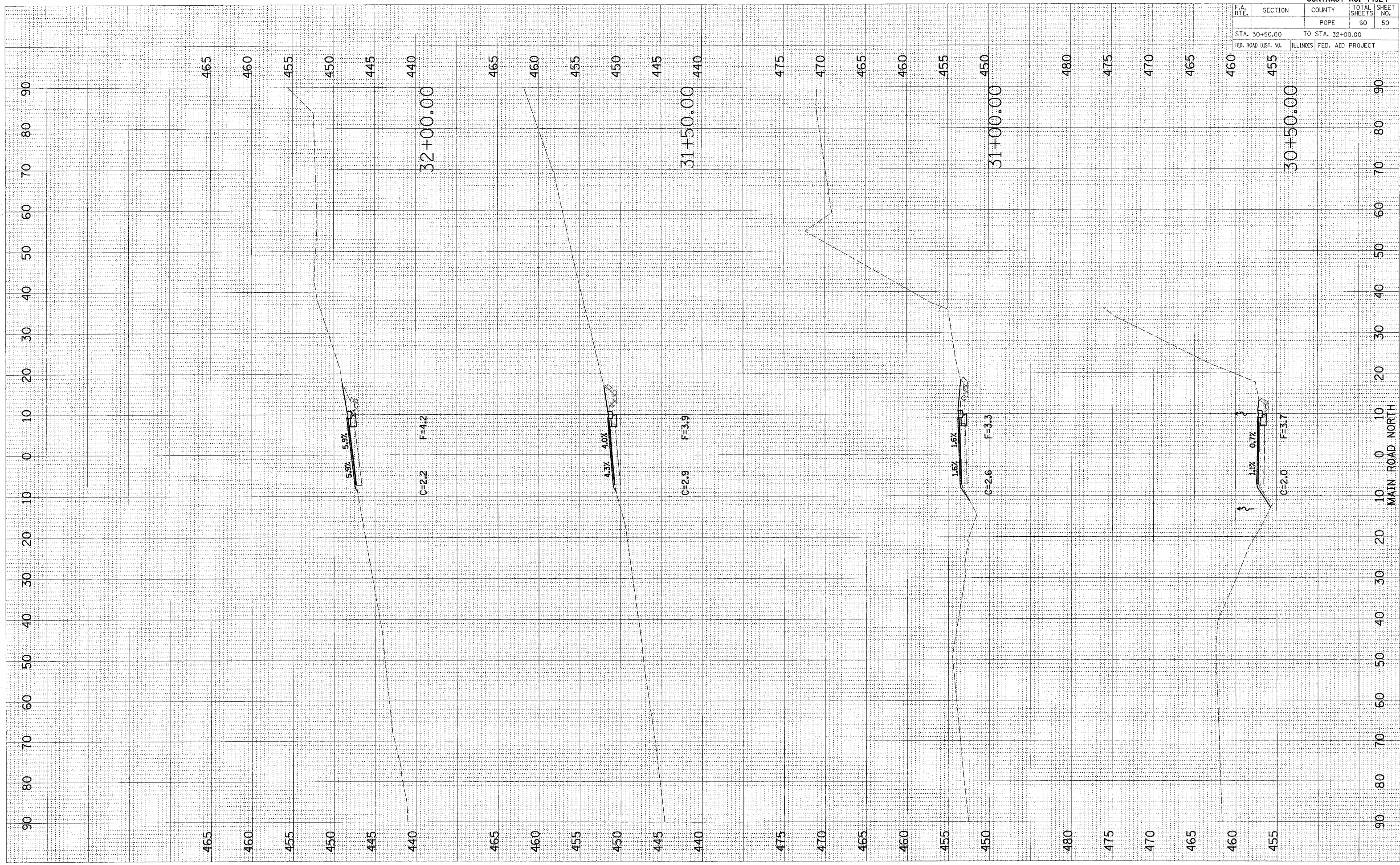
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		POPE	60	50

STA. 30+50.00 TO STA. 32+00.00
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

FINAL SURVEY
NOTE BOOK NO. _____
CHECKED BY _____
DATE _____

ORIGINAL SURVEY
NOTE BOOK NO. _____
CHECKED BY _____
DATE _____

PLOT DATE = MM/DD/YY
FILE NAME = FILEL1
PLOT SCALE = 1"=40'
USER NAME = USER1



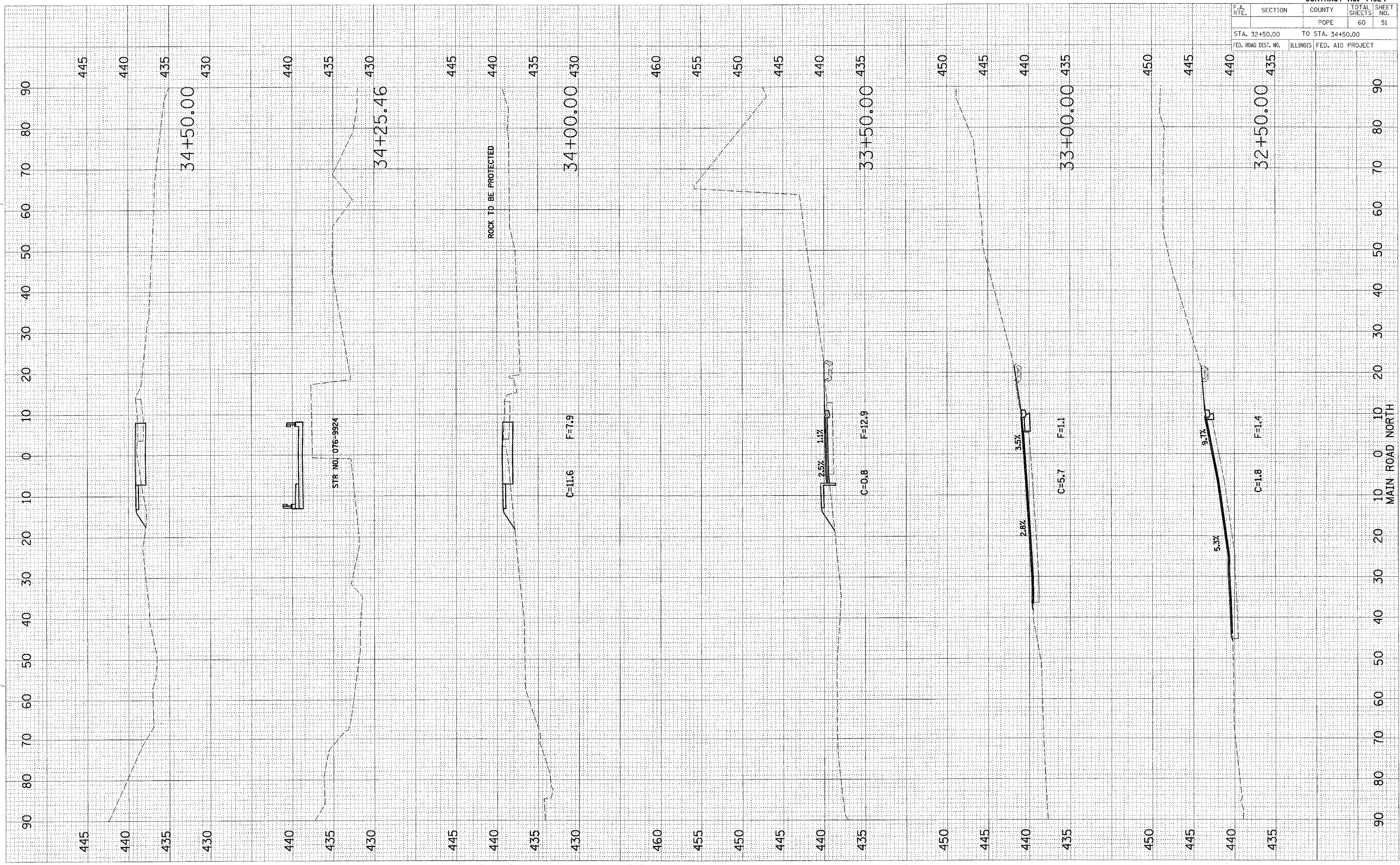
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	POPE		60	51

STA. 32+50.00 TO STA. 34+50.00
 ILLINOIS FED. AID PROJECT

NO.	DATE	BY	REVISION

NO.	DATE	BY	REVISION

PLOT DATE = 8/24/88
 FILE NAME = 81LE1
 PLOT SCALE = 8/3200
 USER NAME = SUGERS



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		POPE	60	52
STA. 34+88.82		TO STA. 36+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

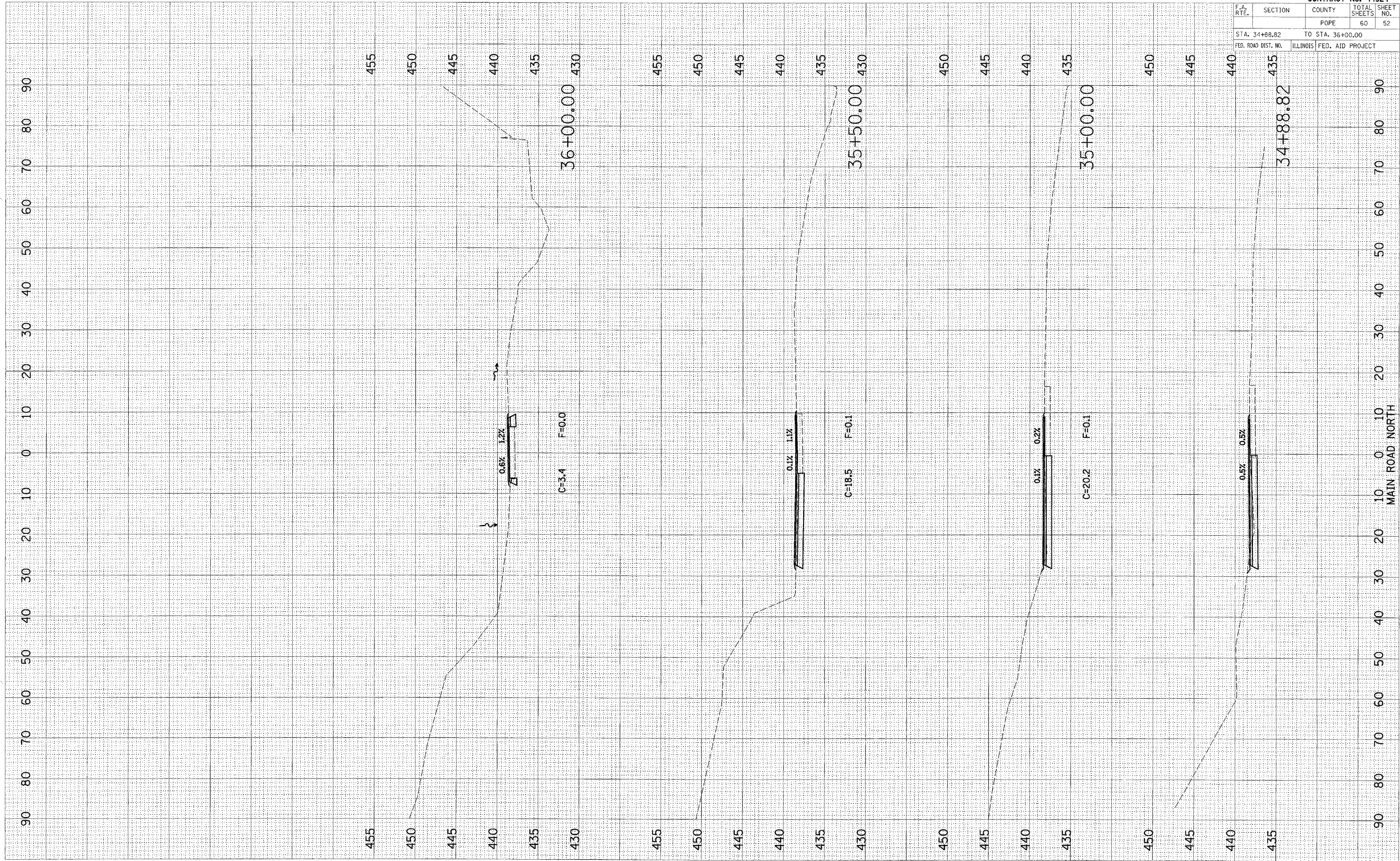
DATE	BY	DESCRIPTION

ORIGINAL SURVEY	SUBMITTED
NOTE BOOK	PLOTTED
NO.	AREAS
	CHECKED

DATE	BY	DESCRIPTION

ORIGINAL SURVEY	SUBMITTED
NOTE BOOK	PLOTTED
NO.	AREAS
	CHECKED

PLOT DATE = 8/2/78
 FILE NAME = 8114L1
 USER NAME = BUBER

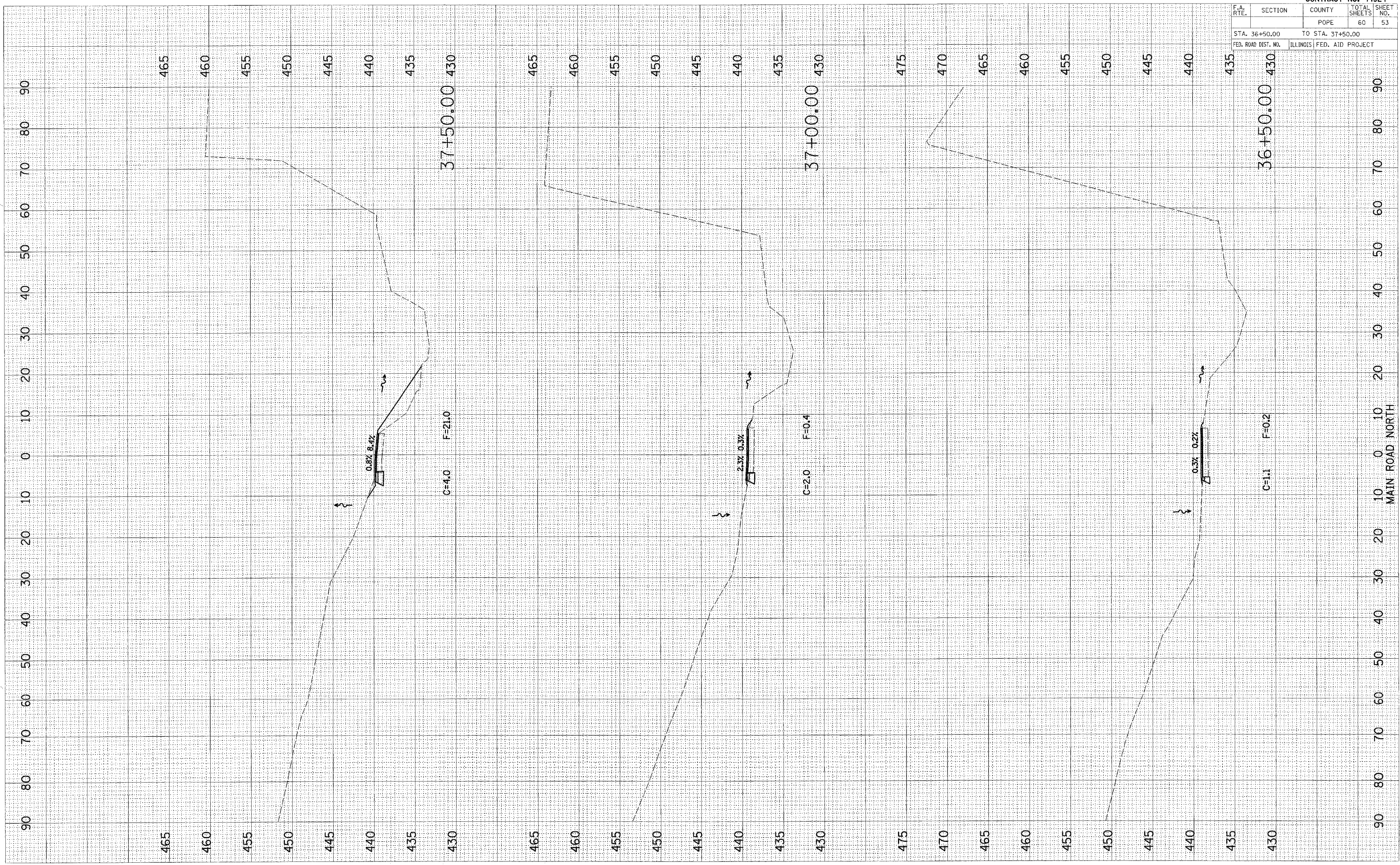


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		POPE	60	53
STA. 36+50.00		TO STA. 37+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED

ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED

PLOT DATE = 03/01/85
 FILE NAME = #FILEL8
 PLOT SCALE = 1"=40'
 USER NAME = BUDEN

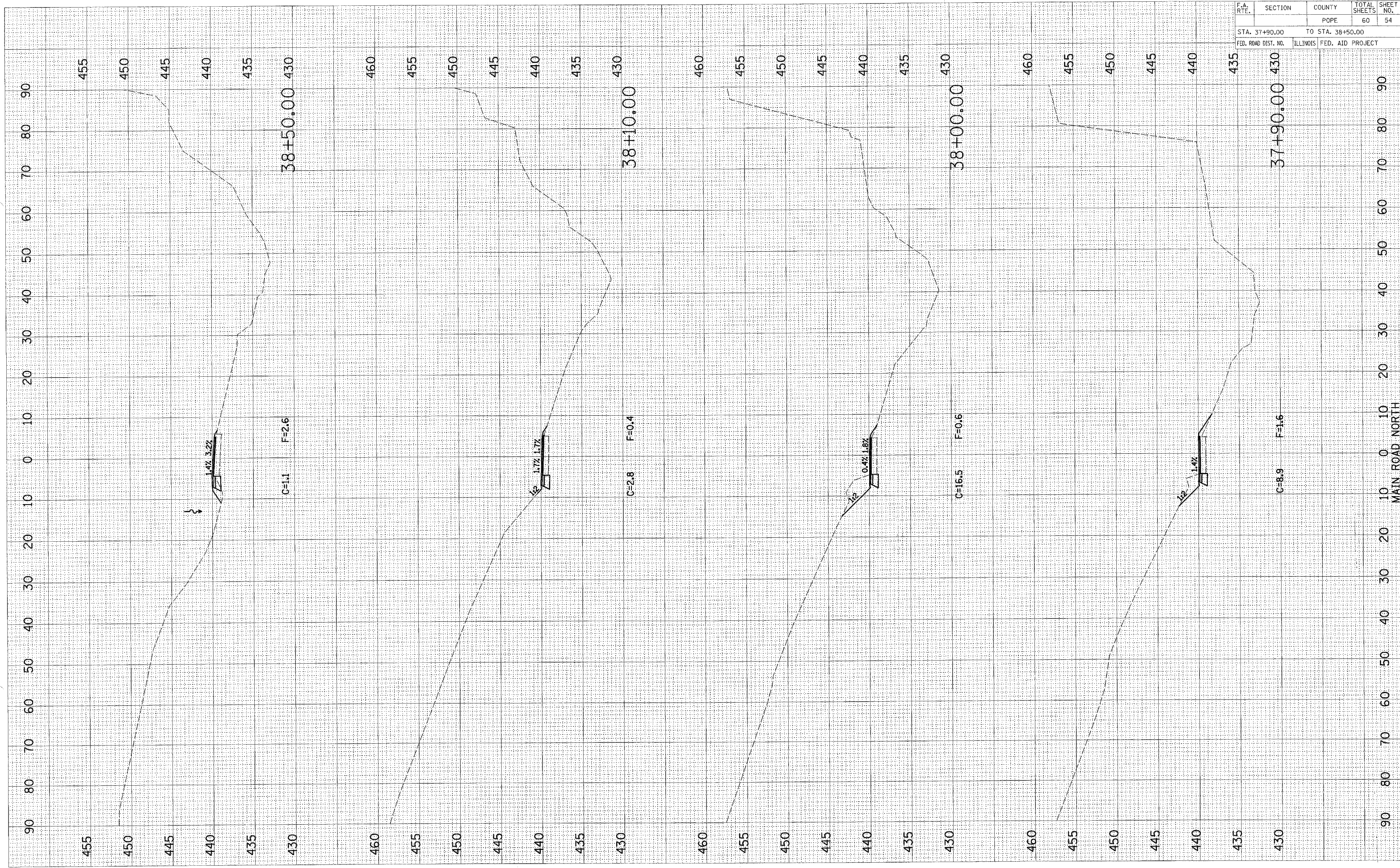


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		POPE	60	54
STA. 37+90.00		TO STA. 38+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	SURVEYED	PLOTTED
NOTE BOOK	TEMPLATE	AREAS
NO.		CHECKED

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	TEMPLATE	
NO.		CHECKED

PLOT DATE = 04/24/84
 FILE NAME = 97LE14
 PLOT SCALE = 1"=40'
 USER NAME = MUSER8

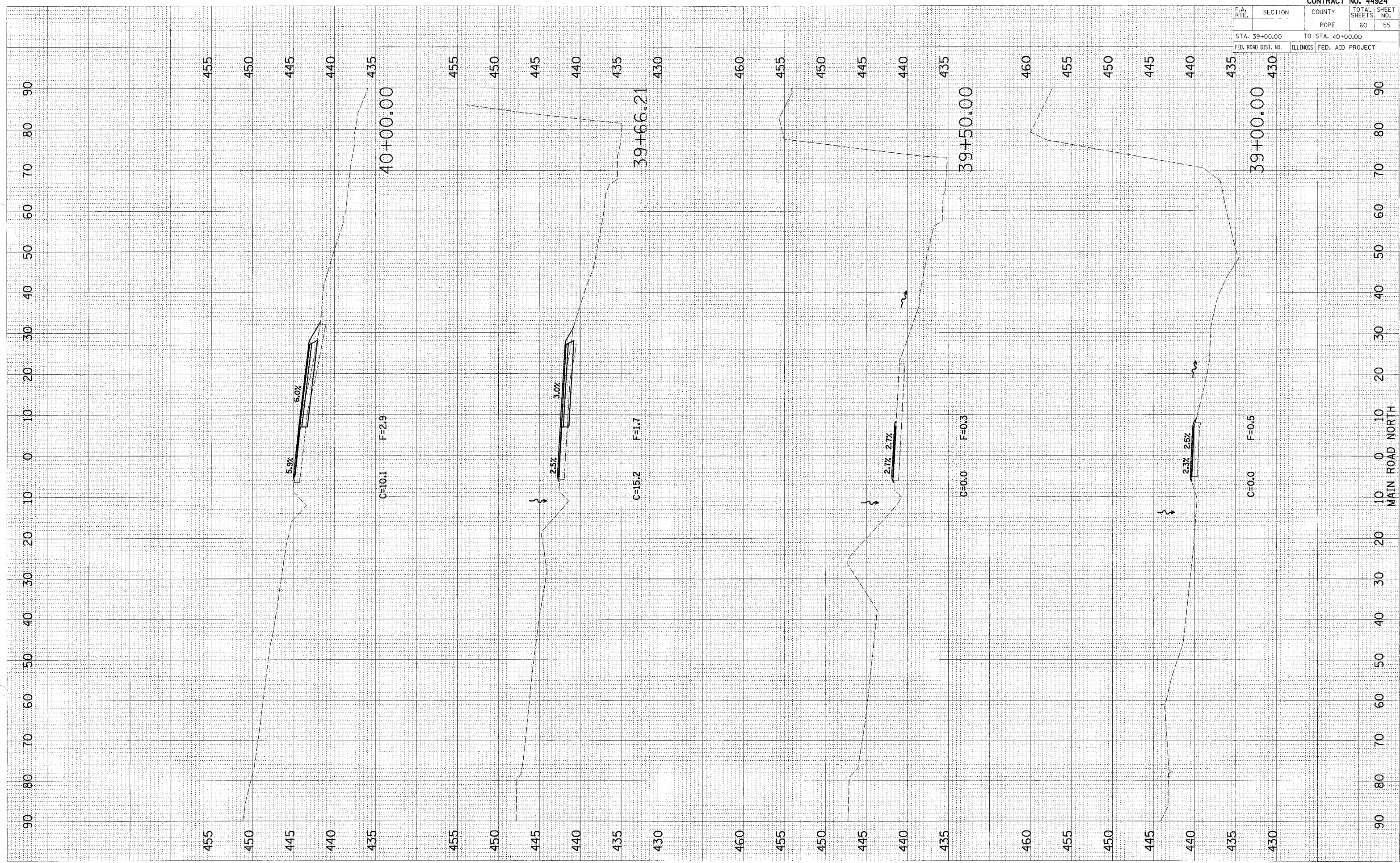


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		POPE	60	55
STA. 39+00.00		TO STA. 40+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	

DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	

PLOT DATE = #DATE#
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		POPE	60	56

STA. 40+09.71 TO STA. 41+50.00
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

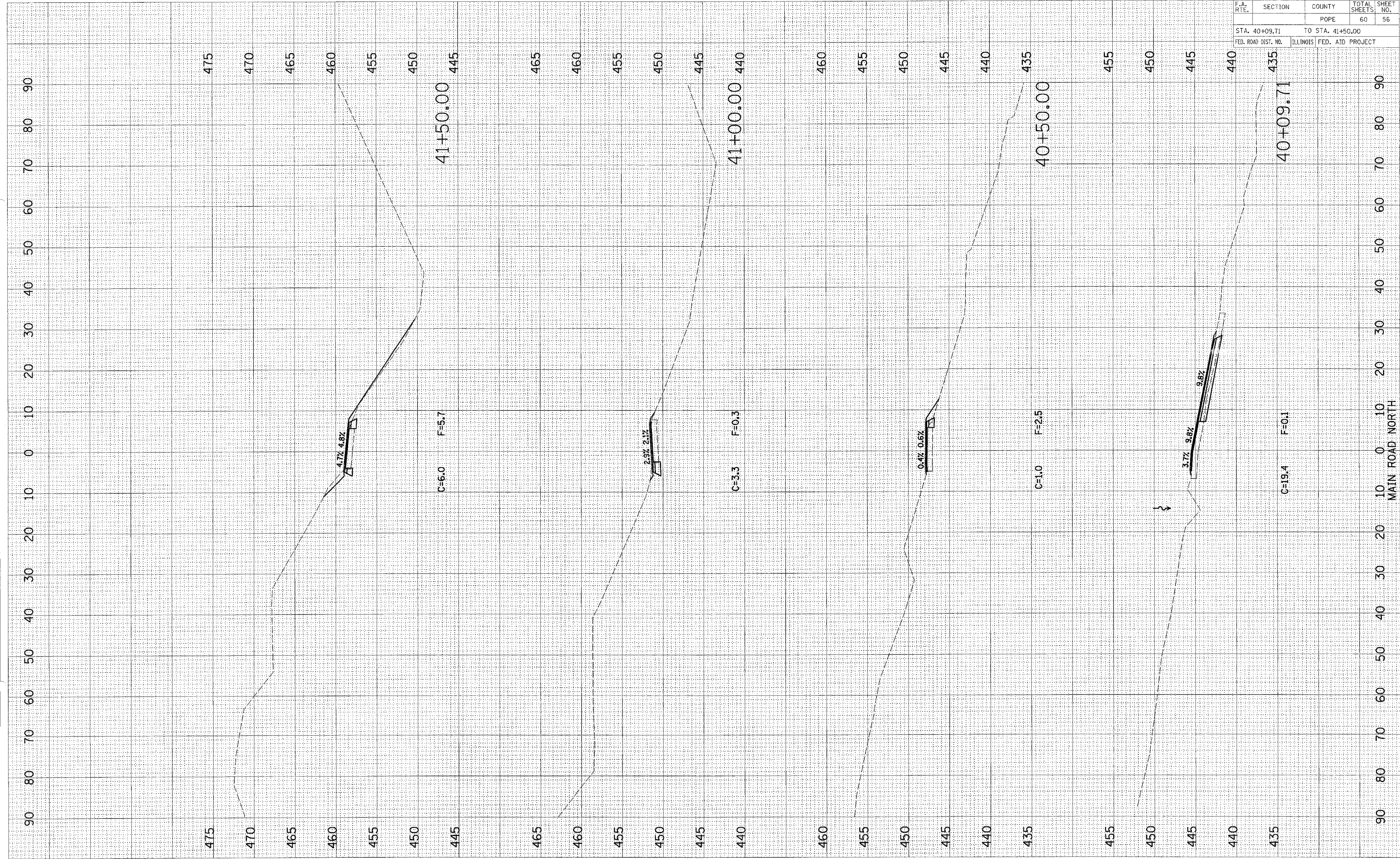
BY: _____ DATE: _____

ORIGINAL SURVEY	DATE
FILED SURVEY	DATE
NOTE BOOK	NO.
AREAS CHECKED	

BY: _____ DATE: _____

ORIGINAL SURVEY	DATE
FILED SURVEY	DATE
NOTE BOOK	NO.
AREAS CHECKED	

PLOT DATE = 4/24/2014
FILE NAME = 44924.DWG
PLOT SCALE = 1"=40'
USER NAME = JUSER

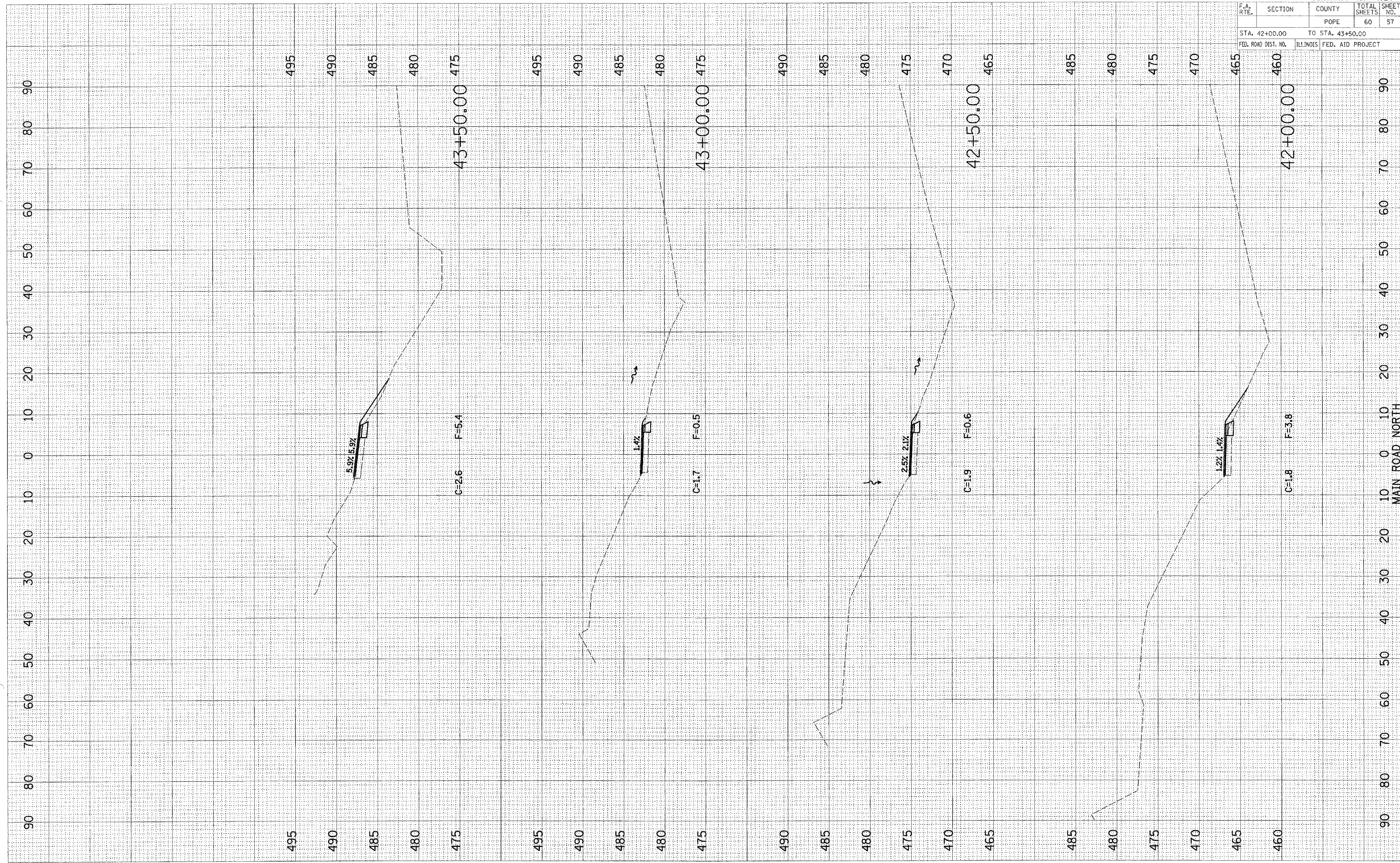


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		POPE	60	57
STA. 42+00.00		TO STA. 43+50.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY	DATE
SUBMITTED	BY
NOTE BOOK	NO.
AREAS CHECKED	

ORIGINAL SURVEY	DATE
SUBMITTED	BY
NOTE BOOK	NO.
AREAS CHECKED	

PLOT DATE = 8/14/15
 FILE NAME = 811E15
 PLOT SCALE = 1"=40'
 USER NAME = MJS

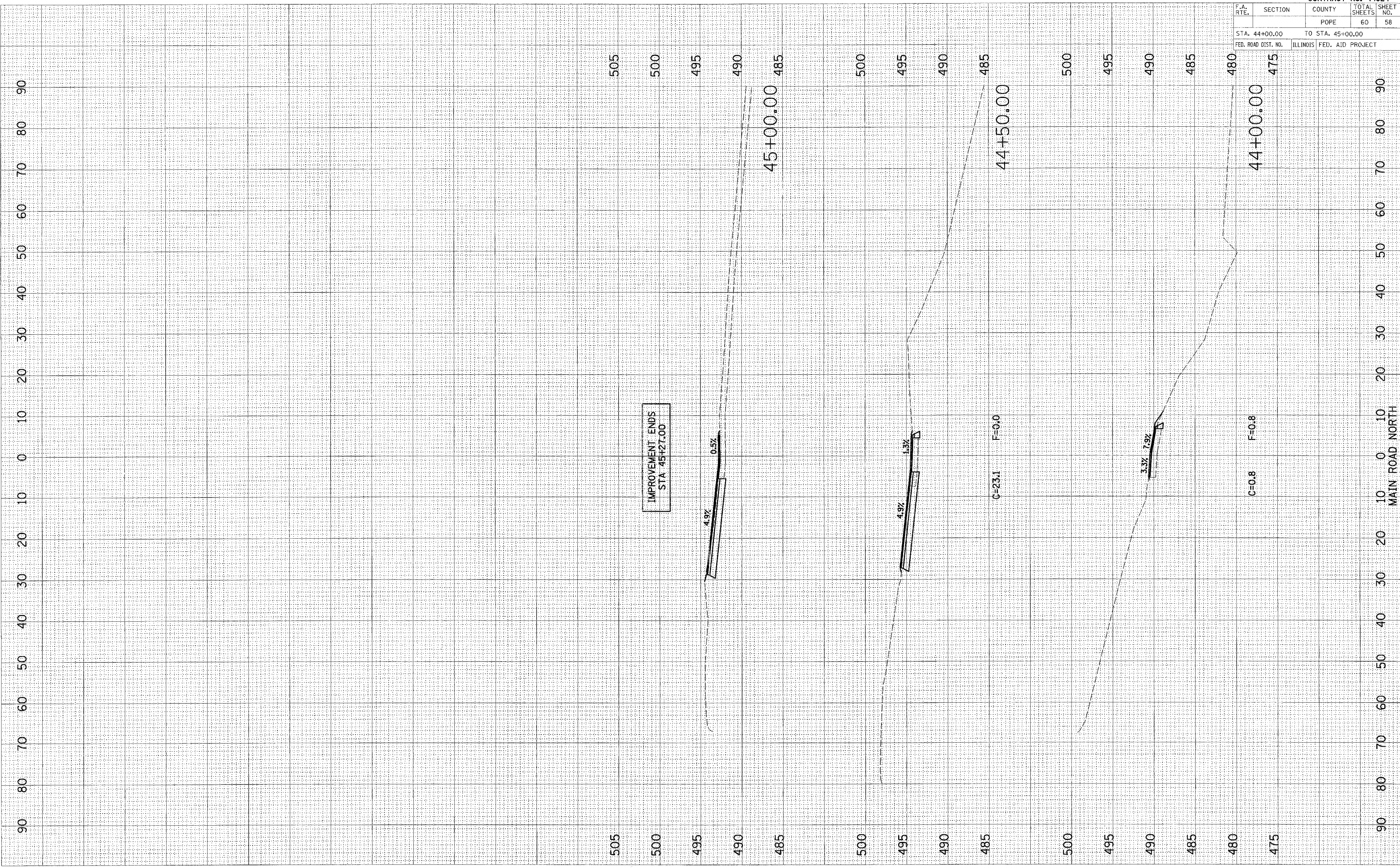


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	POPE		60	58
STA. 44+00.00		TO STA. 45+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	AREAS		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	AREAS		

PLOT DATE = #MOYEA#
 FILE NAME = #FILE#*
 PLOT SCALE = #SCALE#
 USER NAME = #USER#

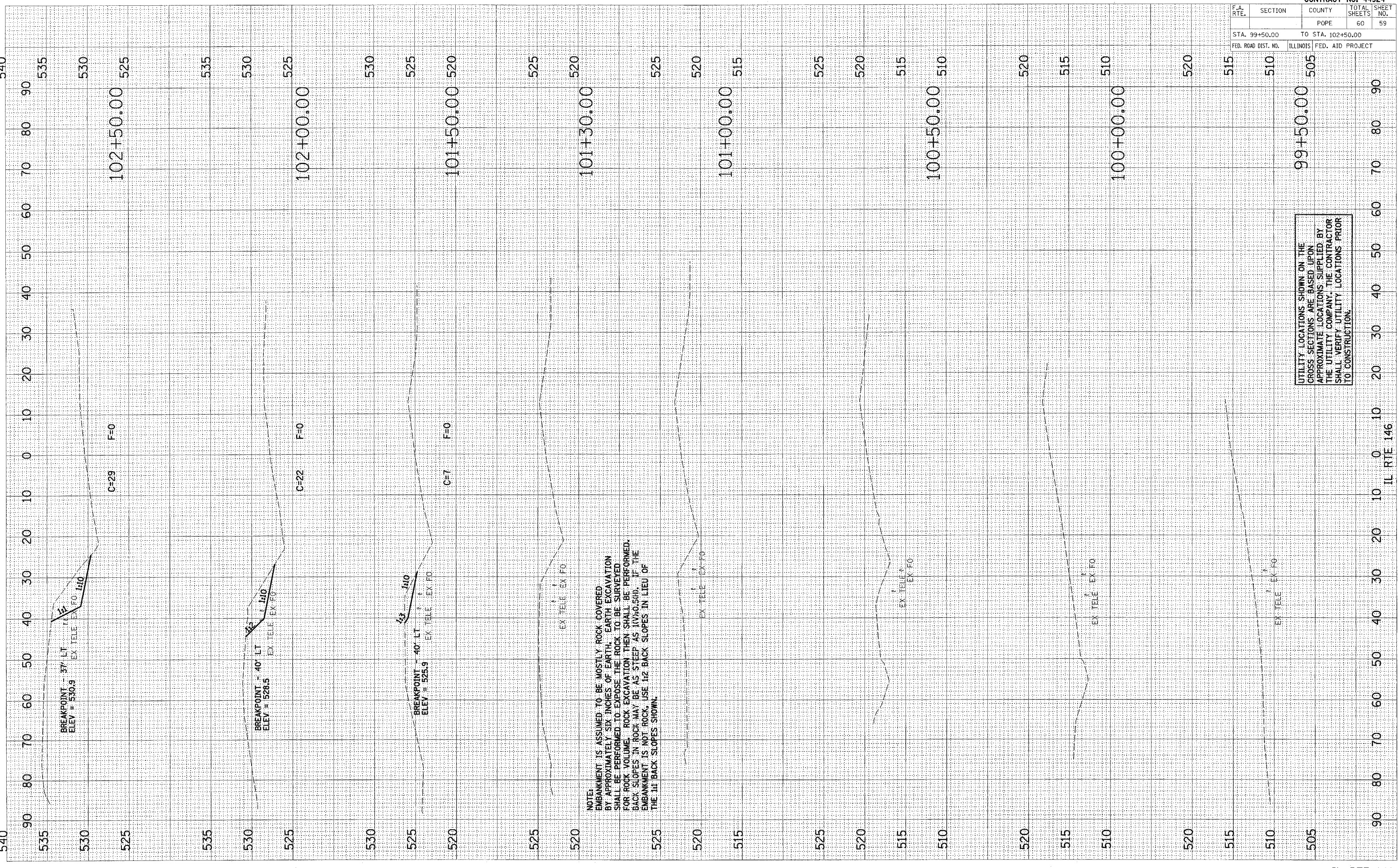


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		POPE	60	59
STA. 99+50.00		TO STA. 102+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DATE	BY	DATE	BY

DATE	BY	DATE	BY

PLOT DATE = #DAYS
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER = #USER#



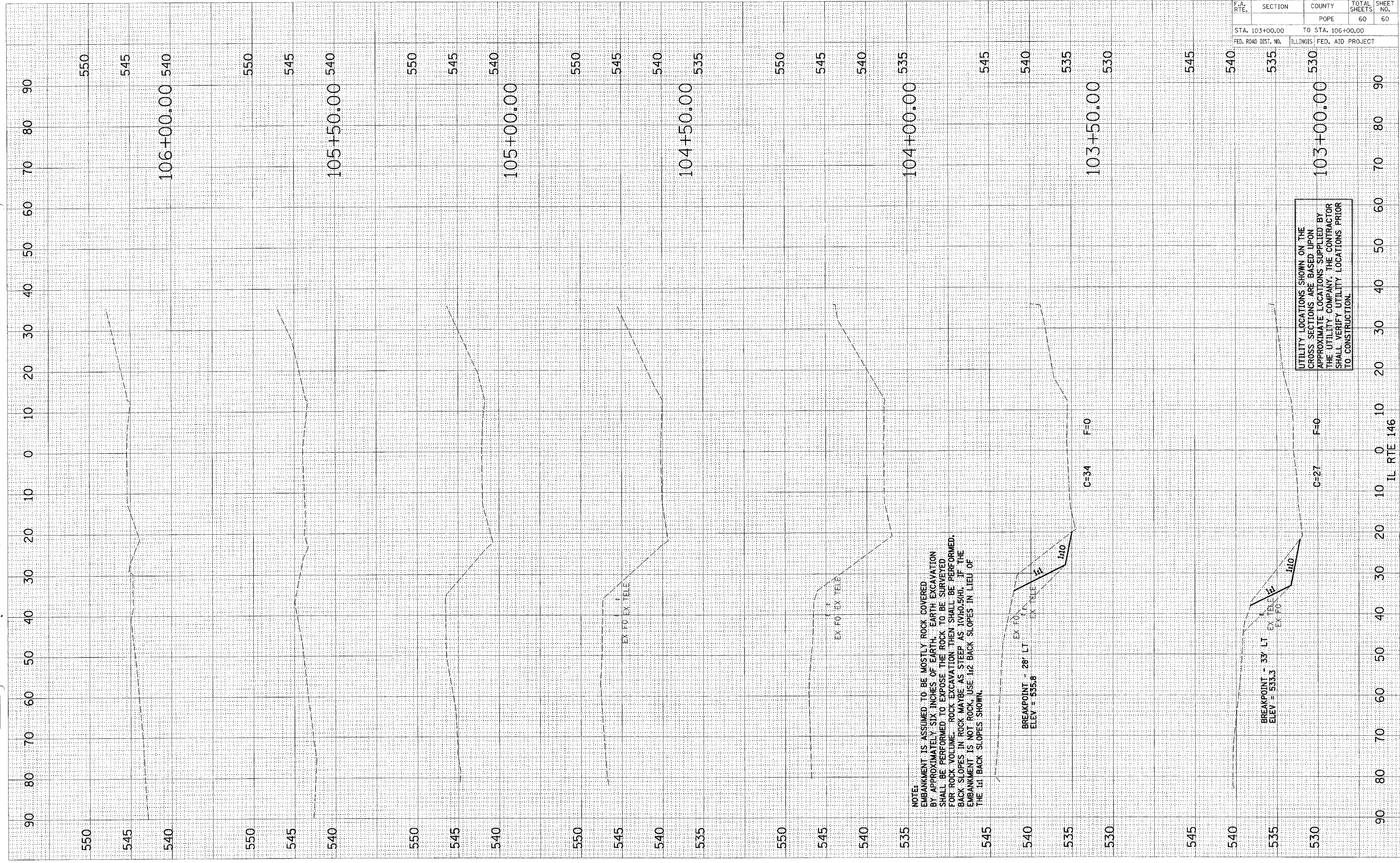
NOTE:
 EMBANKMENT IS ASSUMED TO BE MOSTLY ROCK COVERED BY APPROXIMATELY SIX INCHES OF EARTH. EARTH EXCAVATION SHALL BE PERFORMED TO EXPOSE THE ROCK TO BE SURVEYED FOR ROCK VOLUME. ROCK EXCAVATION THEN SHALL BE PERFORMED. BACK SLOPES IN ROCK MAY BE AS STEEP AS 1V:0.5H. IF THE EMBANKMENT IS NOT ROCK, USE 1:2 BACK SLOPES IN LIEU OF THE 1:1 BACK SLOPES SHOWN.

UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED UPON APPROXIMATE LOCATIONS SUPPLIED BY THE UTILITY COMPANY. THE CONTRACTOR SHALL VERIFY UTILITY LOCATIONS PRIOR TO CONSTRUCTION.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		POPE	60	60
STA. 103+00.00		TO STA. 106+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

ORIGINAL SURVEY	DATE	BY
SURVEYED		
TEMP. DATE		
AREAS CHECKED		
NO.		

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



NOTE:
 EMBANKMENT IS ASSUMED TO BE MOSTLY ROCK COVERED BY APPROXIMATELY SIX INCHES OF EARTH. EARTH EXCAVATION SHALL BE PERFORMED TO EXPOSE THE ROCK TO BE SURVEYED FOR ROCK VOLUME. ROCK EXCAVATION THEN SHALL BE PERFORMED. BACK SLOPES IN ROCK MAYBE AS STEEP AS 1V:1.0(SH). IF THE EMBANKMENT IS NOT ROCK, USE 1:2 BACK SLOPES IN LIEU OF THE 1:1 BACK SLOPES SHOWN.

BREAKPOINT - 33' LT
 EX TELE
 EX F0
 ELEV = 535.3

BREAKPOINT - 33' LT
 EX TELE
 EX F0
 ELEV = 535.3

UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED UPON APPROXIMATE LOCATIONS SUPPLIED BY THE UTILITY COMPANY. THE CONTRACTOR SHALL VERIFY UTILITY LOCATIONS PRIOR TO CONSTRUCTION.