

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	28-SO-M	JO DAVIESS	27	1

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 301 (US 20)
SECTION 28-SO-M

JO DAVIESS COUNTY
C-92-117-02

PROJECT LOCATION
LONG HOLLOW SCENIC OVERLOOK

INDEX OF SHEETS

- 1 COVER SHEET, INDEX OF SHEETS, LIST OF STANDARDS
- 2 GENERAL NOTES AND COMMITMENTS
- 3 SUMMARY OF QUANTITIES
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- 8-9 HORIZONTAL AND VERTICAL CONTROL
- 10-13 PLAN SHEETS
- 14-18 CONSTRUCTION DETAILS
- 19-27 CROSS SECTIONS

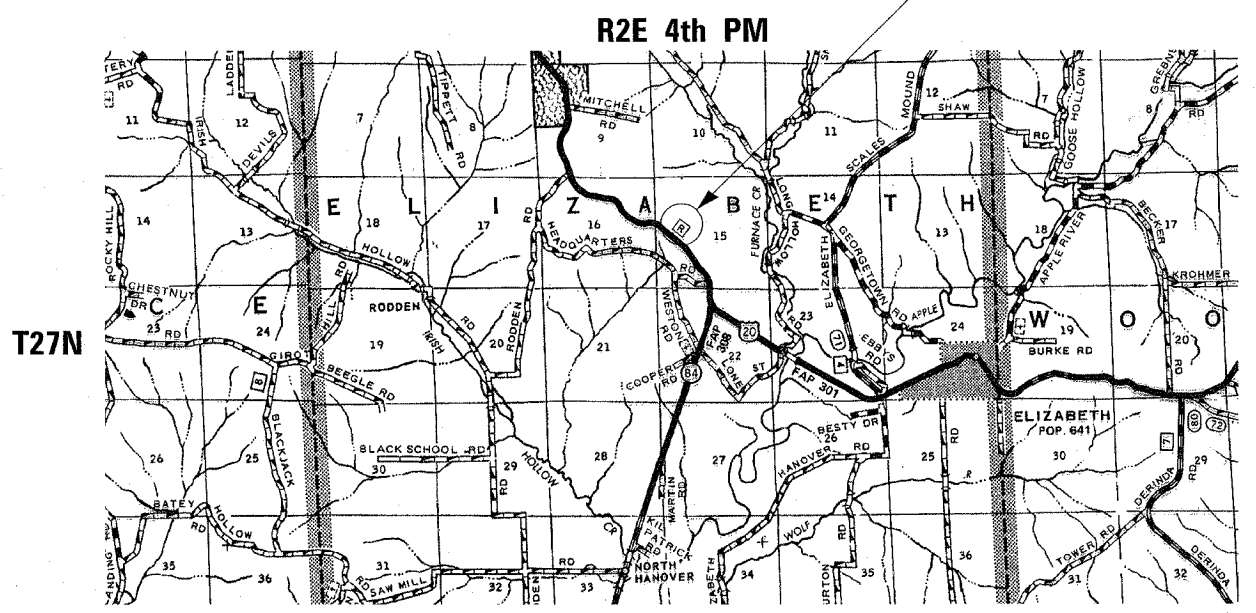
LIST OF STATE STANDARDS

- 000001-04 ABBREVIATIONS, SYMBOLS AND PATTERNS
- 606001-02 CONCRETE CURB TY B AND COMBINATION CONCRETE CURB AND GUTTER
- 424001-04 CURB RAMPS FOR SIDEWALKS
- 442201-01 CLASS C AND D PATCHES
- 720006 SIGN PANEL ERECTION DETAILS
- 720001 SIGN PANEL MOUNTING DETAILS
- 702001-05 TRAFFIC CONTROL DEVICES
- 701301-02 LANE CLOSURE, 2 LN, 2 W, SHORT TIME OPERATIONS
- 701006-02 OFF-ROAD OPERATIONS 2L, 2W, 4.5 M (15') TO 600 MM (24") FROM PAVEMENT EDGE
- 701001-01 OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 4.5 M (15') AWAY
- BLR 10-5 PCC PAVEMENT SPECIAL (NONREINFORCED)

D-92-139-00



MAURER & STUTZ, INC.
ENGINEERS SURVEYORS
7615 N. HARKER DR. PEORIA, IL 61615
(309) 693-7615
ILLINOIS PROFESSIONAL DESIGN FIRM CORPORATION NUMBER 184-000177



GROSS PROJECT LENGTH : 2439.54 FT = 0.46 MILES
NET PROJECT LENGTH : 2439.54 FT = 0.46 MILES



Rick J. Anderson
ILLINOIS REGISTRATION NO. 062-044812
EXPIRATION DATE: 11/30/2005

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED Sept 1 2005
Angus Mott
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

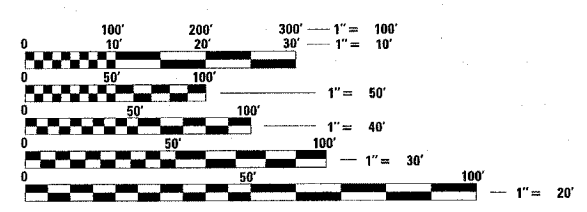
October 14, 2005
Mike Niese
ENGINEER OF DESIGN AND ENVIRONMENT

October 14, 2005
Eric E. Hanel
DEPUTY DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

REGION 2 DISTRICT 2, DIXON, IL

PROJECT ENGINEER : ROBERT WAGNER
SENIOR ENGINEER : THOMAS HALLA (815) 294-5993
CONSULTANTS : MAURER-STUTZ, INC.
CONTACT : RICK ANDERSON (309) 693-7615



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

ELIZABETH TOWNSHIP SECTION 15
CONTRACT NO. 64611

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	28-50-M	JO DAVIESS	27	2
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

GENERAL NOTES

The final top 100 mm (four inches) of soil in any right-of-way area disturbed by the contractor must be capable of supporting vegetation. The soil must be from the "A" horizon (zero to 2' deep) of soil profiles of local soils.

Drop-offs and low areas adjacent to existing sidewalks shall be eliminated with re-grading and filling with the soil described above (see detail this sheet).

Except for the top 75 mm (3"), all aggregate bases and subbases 300 mm (12") in thickness shall be constructed of aggregate gradation CA-2. If the specified thickness exceeds 300 mm (12"), the bases or subbases shall be constructed of top size 150 mm (6") breaker-run crushed stone with 70% to 90% by weight, passing the 4" sieve and 15% to 40% by weight, passing the 50 mm (2") size sieve, except for the top 75 mm (3"). The breaker-run crushed stone shall be reasonably uniformly graded from coarse to fine and be taken from a quarry ledge capable of producing class "D" quality aggregate. The top 75 mm (3") shall be gradation CA-6 or CA 10 regardless of thickness. The water necessary to achieve compaction in all but the top 75 mm (3") layer may be added after the subbase or base course is placed on the grade.

The contractor will be required to furnish 140 mm (5 1/2") high brass stencils as approved by the engineer and install stationing at 250' intervals. Stationing shall be placed on both lanes of 2-lane highways and on the outside lanes in both directions on 4-lane highways. The stations shall be placed 150 mm (6") inside the pavement marking edge so they can be read from the shoulder. This work will be included in the cost of the final pavement surface.

All proposed sidewalk shall be reinforced with 6 x 6 - W1.4 x W1.4 welded wire fabric. Any existing sidewalk contraction joints or butt joints that have 1/2" or greater openings shall be filled with preformed expansion joint filler in accordance with Article 1051 of the Standard Specifications.

All new sidewalk shall be tied to existing sidewalk with #4 bars at 12" centers drilled 6" deep.

The exact locations of the proposed trees are to be coordinated with the District Landscape Architect prior to planting.

Each tree shall receive a five foot diameter of shredded mulch, five inches thick with landscape fabric. This shall be included in the unit price for tree planting. Planting shall be in accordance with the Standard Specifications.

Mulch around the building with five cubic yards of mulch with landscape fabric. The mulch shall be four inches thick. On the east side of the building approximately four inches of existing soil shall be removed to accommodate the mulch. The mulch and soil removal shall be included in the bid price for tree planting.

Contractor shall take care to not damage existing trees in any manner. If, in the opinion of the Engineer, the Contractor is harming the trees, the Contractor shall (at their own expense) fence or stake around trees and root base to protect the trees.

The contractor shall be responsible for protecting utility property during construction operations as outlined in article 107.31 of the standard specifications. A minimum of 48 hours advance notice is required for non-emergency work. The JULIE number is 800-892-0123. The following listed utilities located within the project limits or immediately adjacent to the project construction limits are members of JULIE:

None listed

Following are the known utilities located within the project limits or immediately adjacent to the project construction limits which are not members of JULIE and should be notified individually by the contractor:

Highway Lighting Dennis Schultz IDOT District 2
 (815) 284-5301 819 Depot Ave
 Dixon, IL 61021

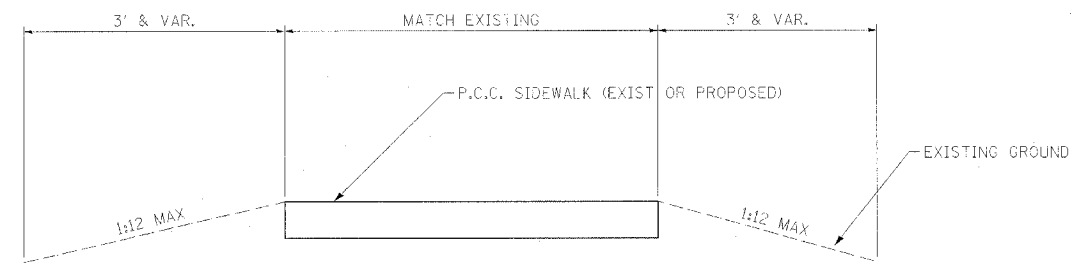
CADD data will be available to contractors and consultants working on this project. This information will be provided upon request as Microstation CADD files and Geopak coordinate geometry files only. If data is required in other formats it will be the contractor's responsibility to make these conversions. If any discrepancy or inconsistency arises between the electronic data and the information on the hard copy, the information on the hard copy should be used. Contact the district's project engineer to request these files.

All surplus material, including millings, shall be disposed of by the contractor according to Art. 202.03.

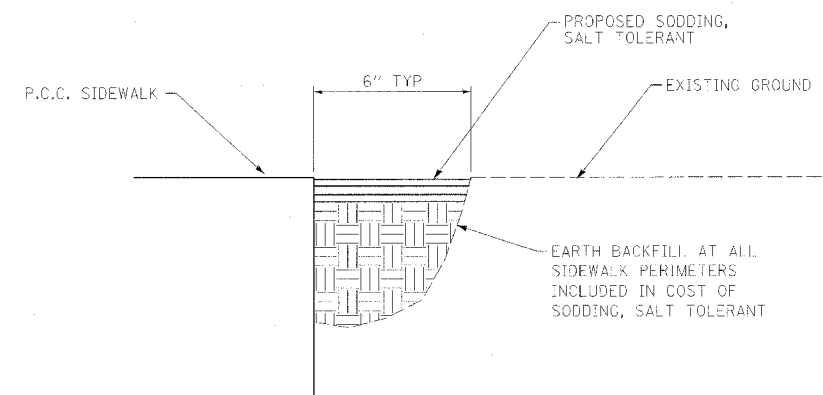
COMMITMENTS

There were no commitments made during the design phase of this project.

Mixture Uses(s):	Bit Mix Complete		
PG:	PG 58-22		
RAP%: (Max)	15%		
Design Air Voids	3.0% @ N50		
Mixture Composition (Gradation Mixture)	3/8" OR 1/2"		
Friction Aggregate	C		
20 Year ESAL			



EARTH SLOPES AT SIDEWALKS



EARTH BACKFILL AT SIDEWALKS

PLOT DATE = #DATE#
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 REFERENCE = #REF#

ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

REVISIONS	
NAME	DATE

SCALE: VERT.
 HORIZ.
 DATE

DRAWN BY SAM
 CHECKED BY RJA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	28-50-M	JO DAVIESS	27	3
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES

CODE NUMBER	PAY ITEM	UNIT	CONSTRUCTION TYPE CODE Y022 TOTAL QUANTITY
20101700	SUPPLEMENTAL WATERING	UNIT	93
20200100	EARTH EXCAVATION	CU YD	18
20200500	EARTH EXCAVATION (WIDENING)	CU YD	384
20400800	FURNISHED EXCAVATION	CU YD	43
25200100	SODDING	SQ YD	2069
35102400	AGGREGATE BASE COURSE, TYPE B 12"	SQ YD	1532
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	1.3
40500300	BITUMINOUS MIXTURE COMPLETE	TON	1091
40600980	BITUMINOUS SURFACE REMOVAL - BUTT JOINT	SQ YD	461
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	2710
44000600	SIDEWALK REMOVAL	SQ FT	1108
60600605	CONCRETE CURB, TYPE B	FOOT	245
60603300	GUTTER OUTLET	EACH	1
60607400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.24	FOOT	345
67100100	MOBILIZATION	L SUM	1
* 72000100	SIGN PANEL - TYPE 1	SQ FT	4
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	24
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	6
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	7071
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	13
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	28
A2006714	TREE, QUERCUS MACROCARPA (BUR OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	3
A2007114	TREE, QUERCUS RUBRA (RED OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	3
X4200400	PORTLAND CEMENT CONCRETE PAVEMENT 8", (SPECIAL) WITH INTEGRAL CURB	SQ YD	11
X0300019	REMOVE AND REINSTALL PARKING BLOCKS	EACH	2
X0301430	PRECAST CONCRETE PARKING BLOCK	EACH	1
X0321309	CONCRETE PAD	SQ YD	19
X4400220	CURB REMOVAL AND REPLACEMENT	FOOT	34
X4420132	CLASS D PATCHES (SPECIAL)	SQ YD	29
X7013015	TRAFFIC CONTROL FOR ROAD CLOSURE	L SUM	1
XX004144	DRINKING FOUNTAIN	EACH	1
XX005896	CONCRETE PAD REMOVAL	SQ FT	241
Z0049400	REFUSE CONTAINER AND PAD	EACH	2
* X0325136	DRILLED WATER WELL COMPLETE	L SUM	1
X0325137	REMOVE AND RELOCATE PICNIC TABLE AND SHELTER	L SUM	1
X0325138	REMOVE AND REPLACE PRIVACY FENCE	L SUM	1
X0325139	ROOF REPAIR	L SUM	1
X0325140	WOODEN GUARDRAIL REPAIR	L SUM	1

* SPECIALTY ITEM

PLOT DATE = Fri Sep 02 11:04:44 2005
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 PLOT SCALE = 1:8000
 REFERENCE = #REF#

ILLINOIS DEPARTMENT OF TRANSPORTATION

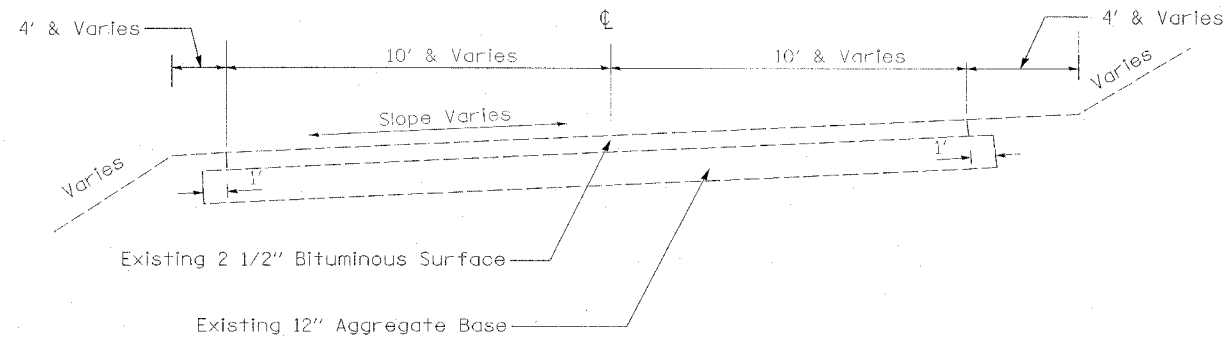
SUMMARY OF QUANTITIES

REVISIONS	
NAME	DATE

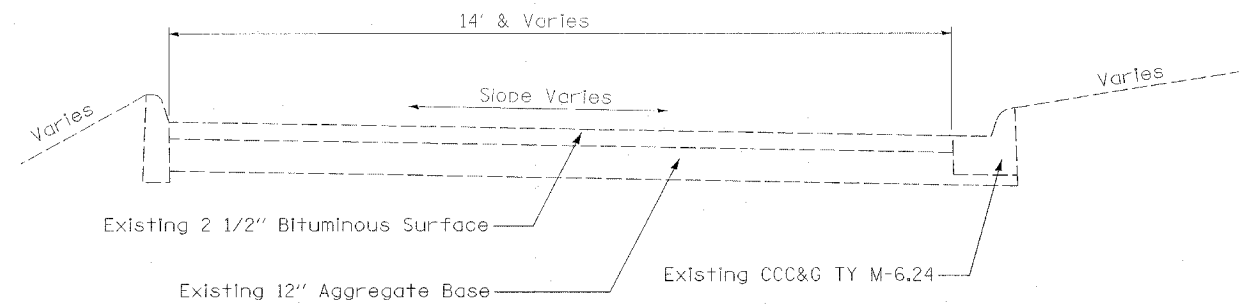
SCALE: VERT. _____
 HORIZ. _____
 DATE _____
 DRAWN BY SAM
 CHECKED BY RJA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	28-50-M	JO DAVIESS	27	4
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

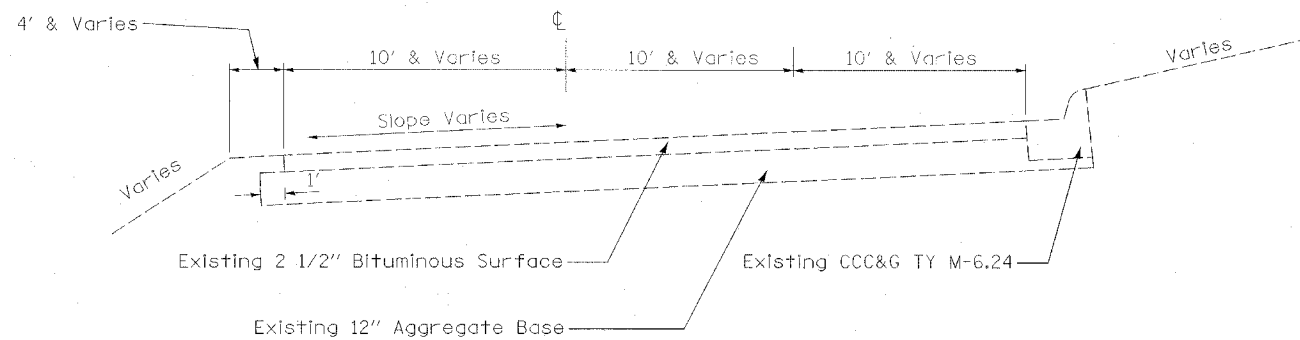
TYPICAL SECTIONS



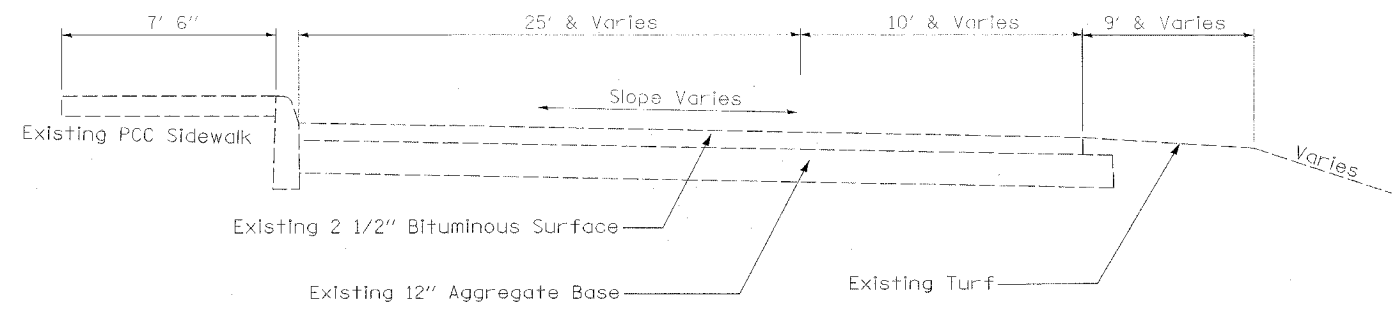
STA. 10+00.00 - STA. 15+45.00



STA. 23+33.00 - STA. 24+09.00



STA. 15+45.00 - STA. 18+39.54

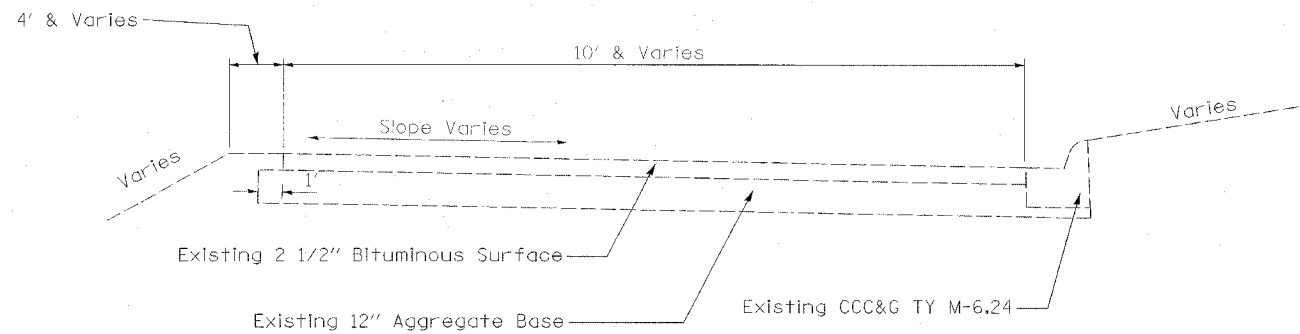


STA. 24+09.00 - STA. 25+44.00

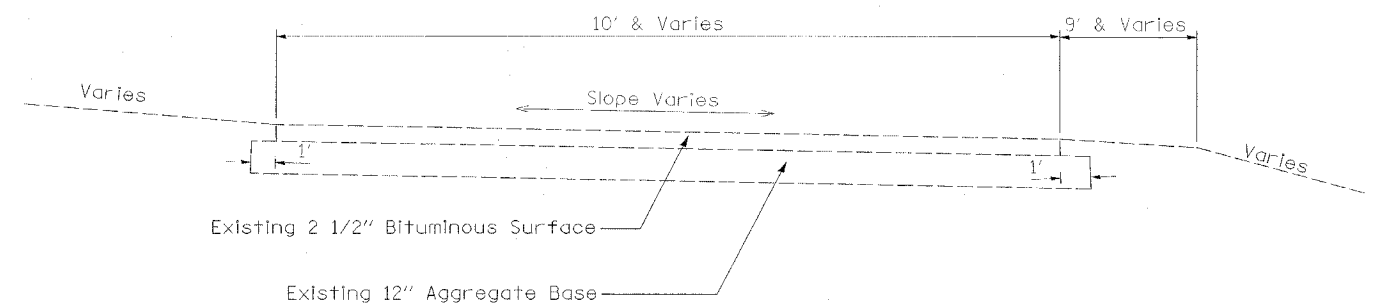
Note : Station Equation
18+39.54 BK= 20+00.00 AHD

STA. 20+00.00 - STA. 21+06.00

STA. 35+06.00 - STA. 36+11.36



STA. 21+06.00 - STA. 23+33.00



STA. 25+44.00 - STA. 35+06.00

PLOT DATE = 8/24/05
FILE NAME = 8/11/05
SCALE = AS SHOWN
REFERENCE = 8/11/05

ILLINOIS DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS

REVISIONS	
NAME	DATE

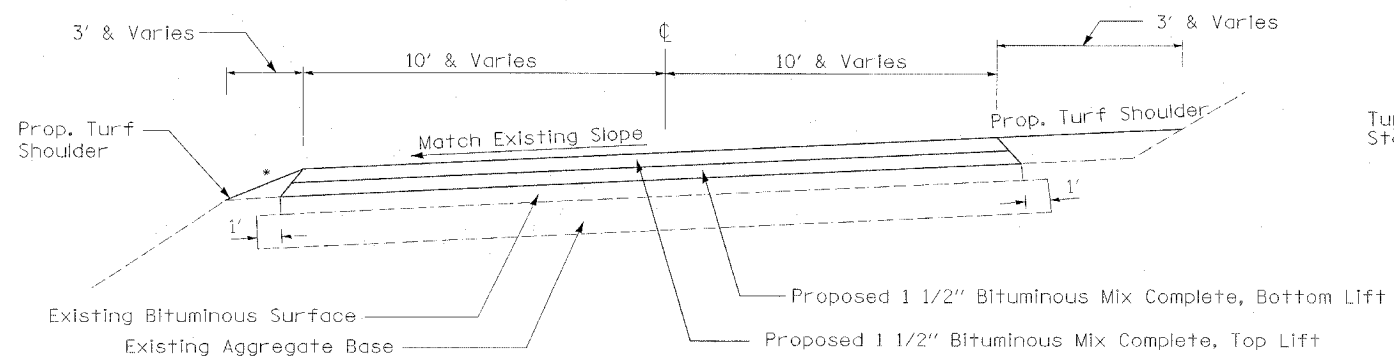
SCALE: VERT.
HORIZ.

DRAWN BY SAM
CHECKED BY RJA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	28-SO-M	JO DAVIESS	27	5

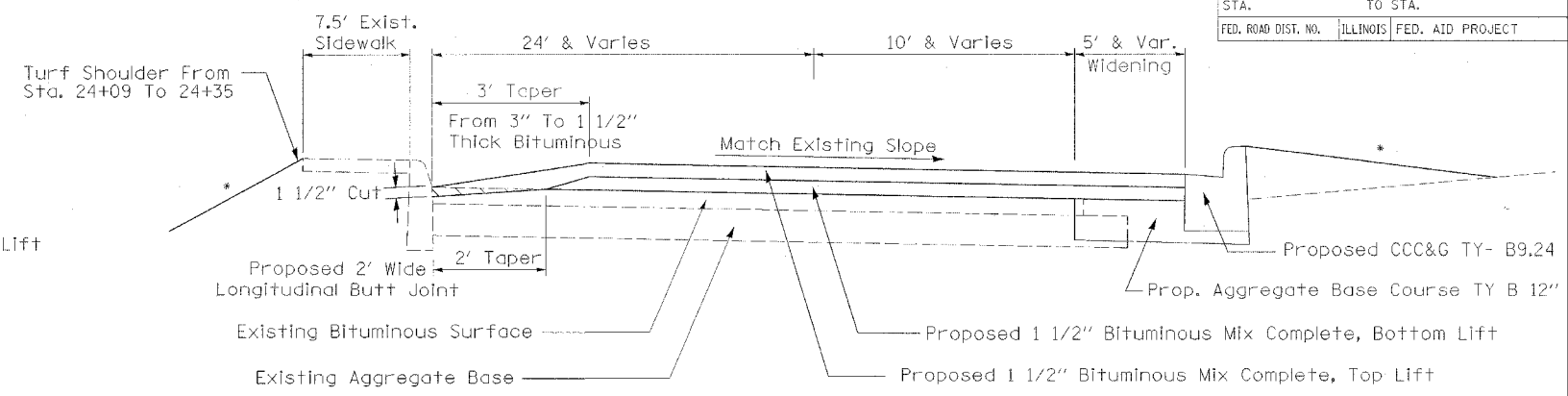
STA.	TO STA.

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



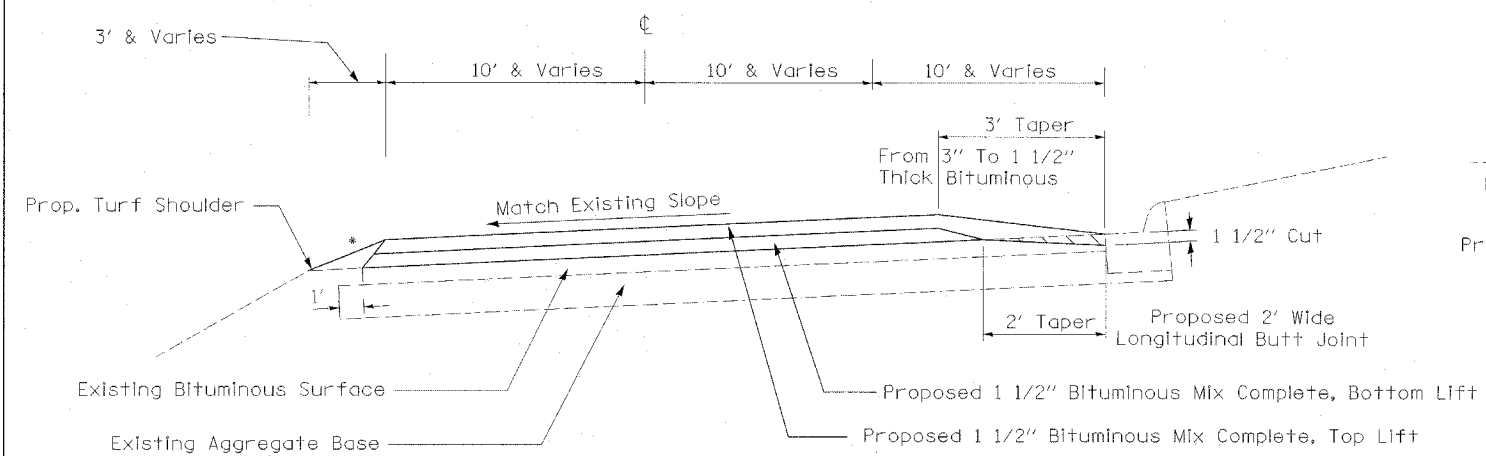
STA. 10+00.00 - STA. 15+45.00

* 4:1 TYP - SEE CROSS-SECTIONS



STA. 23+33.00 - STA. 25+40.00

* 4:1 TYP - SEE CROSS-SECTIONS



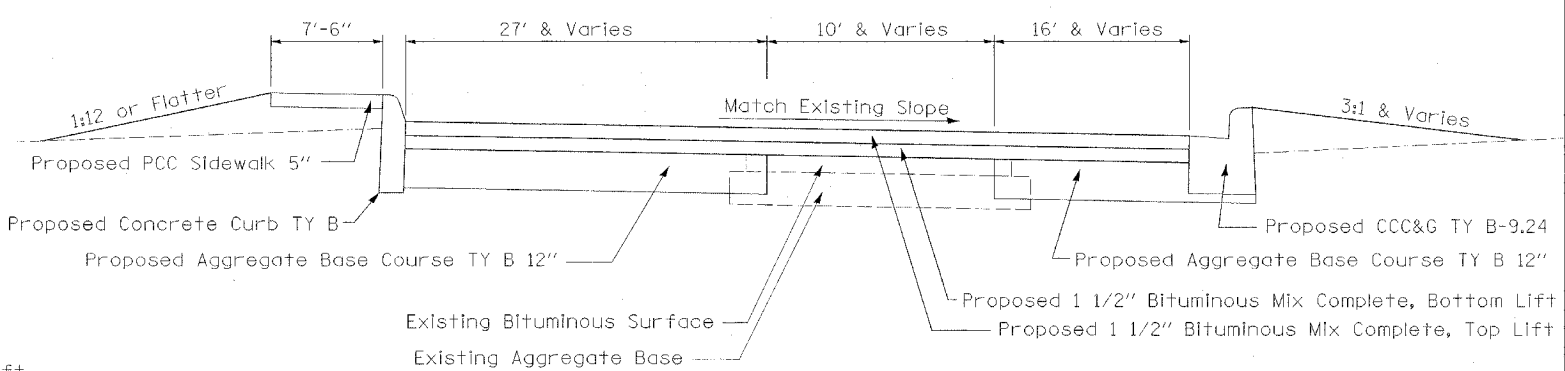
STA. 15+45.00 - STA. 18+39.54

* 4:1 TYP - SEE CROSS-SECTIONS

Note: Station Equation
18+39.54 BK= 20+00.00 AHD

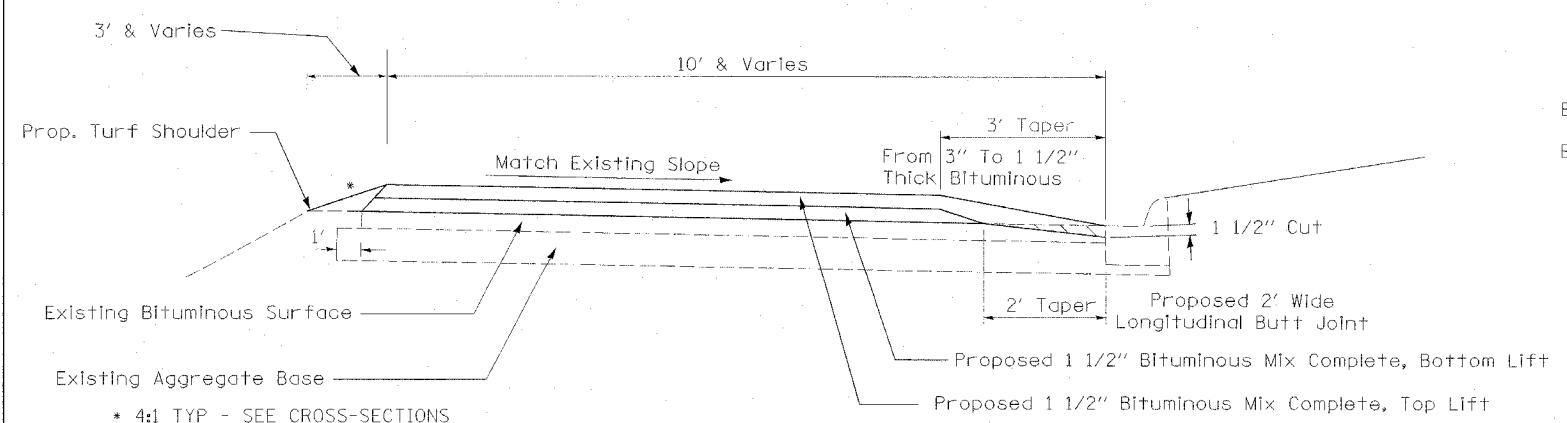
STA. 20+00.00 - STA. 21+06.00

STA. 35+06.00 - STA. 36+11.36



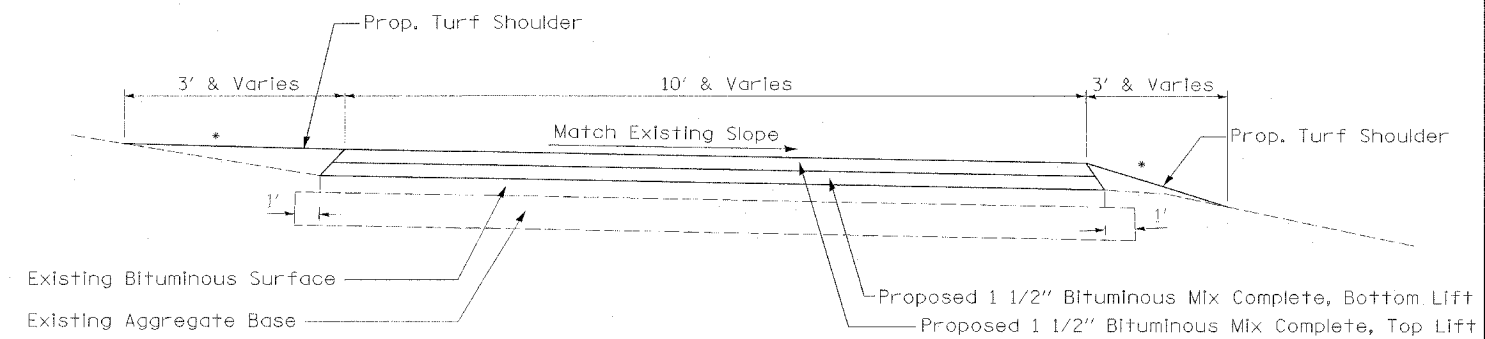
STA. 25+40.00 - STA. 27+50.00

* 4:1 TYP - SEE CROSS-SECTIONS



STA. 21+06.00 - STA. 23+33.00

* 4:1 TYP - SEE CROSS-SECTIONS



STA. 27+50.00 - STA. 35+06.00

* 4:1 TYP - SEE CROSS-SECTIONS

NOTE:
Bituminous Mix Complete Thicknesses Over 2"
Shall Be Placed In Two Lifts As Shown In Typicals.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS

SCALE: VERT. _____
HORIZ. _____

DATE _____

DRAWN BY SAM
CHECKED BY RJA

PLOT DATE = 8/12/05
FILE NAME = 8/12/05
PLOT SCALE = 1/4" = 1'-0"
REFERENCE = 8/12/05

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	28-SO-M	JO DAVIESS	27	6
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

20101700 SUPPLEMENTAL WATERING

LOCATION	UNITS	REMARKS
10+00.00 TO 15+00.00	18.0	ENTRANCE ROAD
15+00.00 TO 18+39.54	5.5	ENTRANCE ROAD
20+00.00 TO 22+00.00	3.2	GORE AREA
22+00.00 TO 24+00.00	2.4	CIRCULATORY ROADWAY
24+00.00 TO 27+50.00	33.3	PARKING AREA
27+50.00 TO 34+00.00	21.2	CIRCULATORY ROADWAY
34+00.00 TO 36+00.00	4.1	GORE AREA
REPAIR / REPLACE SIDEWALK PERIMETER	1.9	
EXISTING SIDEWALK PERIMETER	2.6	
30+40.00 RT	0.8	DUMPSTER PAD
TOTAL		93

25200100 SODDING

LOCATION	SQ YD	REMARKS
10+00.00 TO 15+00.00	400.0	ENTRANCE ROAD
15+00.00 TO 18+39.54	121.5	ENTRANCE ROAD
20+00.00 TO 22+00.00	70.8	GORE AREA
22+00.00 TO 24+00.00	54.2	CIRCULATORY ROADWAY
24+00.00 TO 27+50.00	740.3	PARKING AREA
27+50.00 TO 34+00.00	470.8	CIRCULATORY ROADWAY
34+00.00 TO 36+00.00	91.7	GORE AREA
REPAIR / REPLACE SIDEWALK PERIMETER	42.0	
EXISTING SIDEWALK PERIMETER	57.6	
30+40.00 RT	20.0	DUMPSTER PAD
TOTAL		2069

35102400 AGGREGATE BASE COURSE, TYPE B, 12"

LOCATION	SQ YD	REMARKS
24+09.00 TO 27+50.00 RT	557.1	AT PARKING RIGHT SIDE
25+50.00 TO 27+68.00 LT	624.9	AT PARKING LEFT SIDE
29+40.00 TO 35+08.00 LT	339.8	AT WIDENING LEFT SIDE
30+31.00 TO 30+45.00 RT	10.7	AT DUMPSTER PAD
TOTAL		1532

40500100 BITUMINOUS MATERIALS (PRIME COAT)

LOCATION	TON	REMARKS
10+00.00 TO 15+00.00	0.30	ENTRANCE ROAD
15+00.00 TO 22+00.00	0.28	ENTRANCE ROAD
22+00.00 TO 24+00.00	0.05	GORE
24+00.00 TO 27+50.00	0.35	PARKING AREA
27+50.00 TO 34+00.00	0.26	CIRCULATORY ROADWAY
34+00.00 TO 36+00.00	0.06	RETURN GORE AREA
TOTAL		1.3

40500300 BITUMINOUS MIX COMPLETE

LOCATION	TON	REMARKS
10+00.00 TO 15+00.00	249.6	ENTRANCE ROAD
15+00.00 TO 22+00.00	238.2	ENTRANCE ROAD
22+00.00 TO 24+00.00	42.0	GORE
24+00.00 TO 27+50.00	292.4	PARKING AREA
27+50.00 TO 34+00.00	222.2	CIRCULATORY ROADWAY
34+00.00 TO 36+00.00	46.6	RETURN GORE AREA
TOTAL		1091

40600980 BITUMINOUS SURFACE REMOVAL BUTT JOINT

LOCATION	SQ YD	REMARKS
10+00.00 TO 10+30.00 LT TO RT	221.1	OVERLOOK ENTRANCE
15+46.00 TO 24+09.00 RT	191.8	LOWER PARKING AREA
23+33.00 TO 25+50.00 LT	48.2	LOWER PARKING AREA
TOTAL		461

42400200 PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH

LOCATION	SQ FT	REMARKS
25+50.00 TO 27+50.00 LT	1500.0	ALONG PARKING AREA
26+10.00 TO 26+40.00 LT	339.0	AT SIDEWALK REPLACEMENT AREA
26+90.00 TO 27+10.00 LT	90.0	AT SIDEWALK EXTENSION AREA
24+43.00 TO 24+50.00 LT	50.6	AT SIDEWALK REPAIR AREAS
24+75.00 TO 24+82.00 LT	49.8	AT SIDEWALK REPAIR AREAS
24+95.00 TO 25+25.00 LT	276.1	AT SIDEWALK REPAIR AREAS
25+10.00 TO 25+22.00 LT	72.0	AT SIDEWALK REPAIR AREAS
25+30.00 TO 25+39.00 LT	51.6	AT SIDEWALK REPAIR AREAS
25+40.00 TO 25+50.00 LT	48.5	AT SIDEWALK REPAIR AREAS
25+65.00 TO 25+75.00 LT	54.0	AT SIDEWALK REPAIR AREAS
25+76.00 TO 25+86.00 LT	61.3	AT SIDEWALK REPAIR AREAS
26+33.00 TO 26+50.00 LT	117.3	AT SIDEWALK REPAIR AREAS
TOTAL		2710

EARTHWORK SCHEDULE

LOCATION	20200100 EARTH EXCAVATION (CUT)	20200500 EARTH EXCAVATION (WIDENING)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25%)	EMBANKMENT (FILL)	EARTHWORK BALANCE WASTE (+) SHORTAGE (-)
ENTRANCE ROAD					
10+00.00 TO 15+00.00	0.0	0.0	0.0	6.5	-6.5
15+00.00 TO 18+39.54	0.0	0.0	0.0	3.0	-3.0
20+00.00 TO 22+00.00	0.0	0.0	0.0	1.9	-1.9
22+00.00 TO 24+00.00	0.0	0.0	0.0	1.6	-1.6
PARKING AREA					
24+00.00 TO 27+50.00	15.7	149.5	123.9	317.2	-193.3
CIRCULATORY ROADWAY					
27+50.00 TO 34+00.00	2.1	180.1	136.7	12.2	124.4
34+00.00 TO 36+00.00	0	54.5	40.9	1.9	39.1
TOTALS	18	384	301	344	-43
	20200100 EARTH EXCAVATION 18 CU YD	20200500 EARTH EX (WIDENING) 384 CU YD			20400800 FURNISHED EXCAVATION 43 CU YD

44000600 SIDEWALK REMOVAL

LOCATION	SQ FT	REMARKS
25+50.00 TO 25+60.00 LT	101.7	ALONG PARKING AREA
26+10.00 TO 26+40.00 LT	225.0	AT SIDEWALK REPLACEMENT AREA
24+43.00 TO 24+50.00 LT	50.6	AT SIDEWALK REPAIR AREAS
24+75.00 TO 24+82.00 LT	49.8	AT SIDEWALK REPAIR AREAS
24+95.00 TO 25+25.00 LT	276.1	AT SIDEWALK REPAIR AREAS
25+10.00 TO 25+22.00 LT	72.0	AT SIDEWALK REPAIR AREAS
25+30.00 TO 25+39.00 LT	51.6	AT SIDEWALK REPAIR AREAS
25+40.00 TO 25+50.00 LT	48.5	AT SIDEWALK REPAIR AREAS
25+65.00 TO 25+75.00 LT	54.0	AT SIDEWALK REPAIR AREAS
25+76.00 TO 25+86.00 LT	61.3	AT SIDEWALK REPAIR AREAS
26+33.00 TO 26+50.00 LT	117.3	AT SIDEWALK REPAIR AREAS
TOTAL		1108

60600605 CONCRETE CURB, TYPE B

LOCATION	FEET	REMARKS
25+50.00 TO 27+70.00 LT	245.0	ALONG PARKING AREA
TOTAL		245

60603300 GUTTER OUTLET

LOCATION	CACH	REMARKS
27+50.00 TO 27+80.00 RT	1	AT BUS PARKING AREA
TOTAL		1

60607400 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.24

LOCATION	FEET	REMARKS
24+09.00 TO 27+54.00 RT	345.0	AT BUS PARKING AREA
TOTAL		345

67100100 MOBILIZATION

LOCATION	L SUM	REMARKS
ENTIRE JOBSITE	1	
TOTAL		1

72000100 SIGN PANEL - TYPE 1

LOCATION	SQ FT	REMARKS
26+00.00 TO 26+15.00 TO 33' LT	2.0	PER D2 CAD STD 44.2
26+15.00 TO 33' LT	2.0	PER D2 CAD STD 44.2
TOTAL		4

PLOT DATE = 8/12/05
FILE NAME = 8/12/05
PLOT SCALE = 1"=40'
REFERENCE = REF

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

REVISIONS	
NAME	DATE

SCALE: VERT.
HORIZ.
DATE

DRAWN BY: SAM
CHECKED BY: RJA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	28-SO-M	JO DAVIESS	27	7
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

72800100 TELESCOPING STEEL SIGN SUPPORT

LOCATION	FEET	REMARKS
26+06.00 TO 26+23.00 TO	33' LT	PER D2 CAD STD 44.2
	33' LT	PER D2 CAD STD 44.2
TOTAL		24

78000100 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS

LOCATION	SQ. FT	REMARKS
26+00.00 TO 26+15.00 TO	15' LT	HANDICAPPED PARKING SYMBOL
	15' LT	HANDICAPPED PARKING SYMBOL
TOTAL		6

78000200 THERMOPLASTIC PAVEMENT MARKING, LINE 4"

LOCATION	FEET	REMARKS
10+00.00 TO 11+00.00	RT	72.5 WHITE EDGE LINE
10+00.00 TO 11+00.00	CL	100.0 YELLOW CENTERLINE
10+00.00 TO 11+00.00	CL	100.0 YELLOW CENTERLINE
10+00.00 TO 11+00.00	LT	131.7 WHITE EDGE LINE
11+00.00 TO 15+00.00	RT	377.0 WHITE EDGE LINE
11+00.00 TO 15+00.00	CL	400.0 YELLOW CENTERLINE
11+00.00 TO 15+00.00	CL	400.0 YELLOW CENTERLINE
11+00.00 TO 15+00.00	LT	400.7 WHITE EDGE LINE
15+00.00 TO 18+39.54	RT	339.5 WHITE EDGE LINE
15+00.00 TO 18+39.54	CL	339.5 YELLOW CENTERLINE
15+00.00 TO 18+39.54	CL	339.5 YELLOW CENTERLINE
15+00.00 TO 18+39.54	LT	339.5 WHITE EDGE LINE
20+00.00 TO 22+00.00	RT	197.6 WHITE EDGE LINE
20+00.00 TO 22+00.00	RT	197.6 YELLOW EDGE LINE
22+00.00 TO 30+07.40	RT	888.0 WHITE EDGE LINE
22+00.00 TO 24+38.50	RL	247.5 YELLOW EDGE LINE
24+48.60 TO 26+01.70	LT	346.0 YELLOW PARKING LINE
26+12.00 TO 26+18.50	LT	105.0 YELLOW PARKING LINE
26+28.80 TO 27+37.50	LT	238.0 YELLOW PARKING LINE
27+39.00 TO 34+00.00	LT	684.0 YELLOW EDGE LINE
30+09.40 TO 30+33.20	RT	52.6 YELLOW PARKING LINE
30+33.20 TO 34+00.00	RT	375.1 WHITE EDGE LINE
34+00.00 TO 36+00.00	RT	200.0 WHITE EDGE LINE
34+00.00 TO 36+00.00	RT	200.0 YELLOW EDGE LINE
TOTAL		7071

78000600 THERMOPLASTIC PAVEMENT MARKING, LINE 12"

LOCATION	FEET	REMARKS
20+46.30 TO 21+08.80	RT	12.9 YELLOW GORE STRIPING
TOTAL		13

78000650 THERMOPLASTIC PAVEMENT MARKING, LINE 24"

LOCATION	FEET	REMARKS
10+00.00 TO 10+02.00	RT	28.0 WHITE STOP LINE
TOTAL		28

LR420129 PORTLAND CEMENT CONCRETE PAVEMENT 8" (SPECIAL) WITH INTEGRAL CURB

LOCATION	SQ. FT	REMARKS
30+40.00	RT	10.7 AT DUMPSTER AREA
TOTAL		11

X0300019 REMOVE AND REINSTALL PARKING BLOCKS

LOCATION	EACH	REMARKS
30+20.00	28' RT	1 AT REAR PARKING AREA
30+29.00	28' RT	1 AT REAR PARKING AREA
TOTAL		2

X0301430 PRECAST CONCRETE PARKING BLOCK

LOCATION	EACH	REMARKS
30+12.00	32' RT	1 AT REAR PARKING AREA
TOTAL		1

X0321309 CONCRETE PAD

LOCATION	SQ. YD	REMARKS
27+57.00	24' LT	18.8 AT RELOCATED SHELTER
TOTAL		19

WOODEN GUARDRAIL REPAIR

LOCATION	L. SUM	REMARKS
10+45.00 TO 11+20.00	LT	1 AT REST AREA ENTRANCE
TOTAL		1

X4400220 CURB REMOVAL AND REPLACEMENT

LOCATION	FEET	REMARKS
24+09.00 TO 24+12.00	LT	3.0 AT PARKING AREA
24+43.00 TO 24+73.00	LT	30.0 AT PARKING AREA
24+81.00 TO 24+82.00	LT	1.0 AT PARKING AREA
TOTAL		34

X4420132 CLASS D PATCHES (SPECIAL)

LOCATION	SQ. YD	REMARKS
26+00.00 TO 26+05.00	RT	4.5 CIRCULATORY ROADWAY
29+40.00 TO 29+53.00	RT	18.8 CIRCULATORY ROADWAY
30+69.00 TO 30+93.00	RT	5.3 CIRCULATORY ROADWAY
TOTAL		29

XX004144 DRINKING FOUNTAIN

LOCATION	EACH	REMARKS
26+04.00	34' LT	1 AT PARKING AREA
TOTAL		1

Z0049400 REFUSE CONTAINER AND PAD

LOCATION	EACH	REMARKS
26+66.00	34' LT	1 AT PARKING AREA
27+45.00	35' LT	1 AT PARKING AREA
TOTAL		2

XX005896 CONCRETE PAD REMOVAL

LOCATION	SQ. FT	REMARKS
25+70.00	36' LT	171.6 AT PARKING AREA
26+20.00	34' LT	6.3 AT PARKING AREA
26+20.00	34' LT	63.0 AT PARKING AREA
TOTAL		241

#2001342 DRILLED WATER WELL, COMPLETE

LOCATION	EACH	REMARKS
24+35.00	70' LT	1 AT PARKING AREA
TOTAL		1

X7013015 TRAFFIC CONTROL FOR ROAD CLOSURE

LOCATION	L. SUM	REMARKS
ENTIRE JOBSITE		1
TOTAL		1

#2001343 REMOVE AND RELOCATE PICNIC TABLE AND SHELTER

LOCATION	L. SUM	REMARKS
25+70.00 TO 27+50.00	24' LT	1 AT PARKING AREA
TOTAL		1

#2001345 ROOF REPAIR

LOCATION	L. SUM	REMARKS
25+10.00	42' LT	1 ON TOWER
TOTAL		1

#2001344 REMOVE AND REPLACE PRIVACY FENCE

LOCATION	L. SUM	REMARKS
26+25.00 TO 26+55.00	LT	1 AT REST ROOMS
TOTAL		1

A2006714 TREE, QUERCUS MACROCARPA (BUR OAK) 1-3/4" CALIPER, B AND B

LOCATION	EACH	REMARKS
ENTIRE JOBSITE		3.0 LOCATION BY IDOT
TOTAL		3

A2007114 TREE, QUERCUS RUBRA (RED OAK) 1-3/4" CALIPER, BALLED AND BURLAPPED

LOCATION	EACH	REMARKS
ENTIRE JOBSITE		3.0 LOCATION BY IDOT
TOTAL		3

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ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

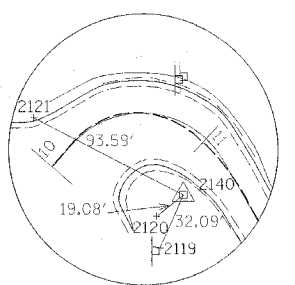
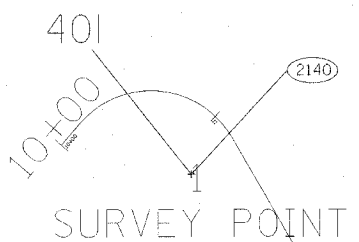
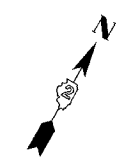
REVISIONS	
NAME	DATE

SCALE: VERT. _____
 HORIZ. _____

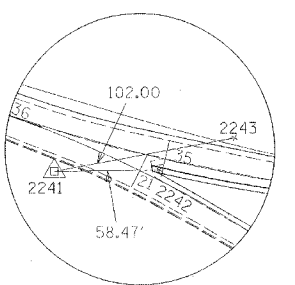
DRAWN BY SAM
 CHECKED BY RJA

EXISTING HORIZONTAL AND VERTICAL CONTROL

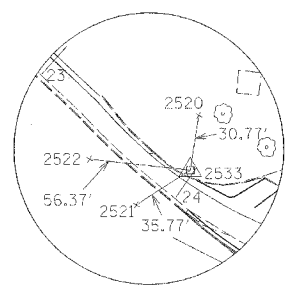
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	28-50-M	JO DAVIESS	27	8
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



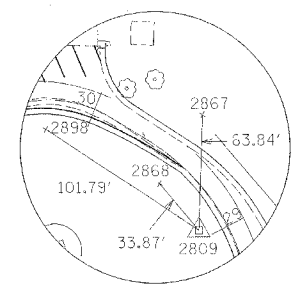
HORIZONTAL CONTROL POINT NO. 2140



HORIZONTAL CONTROL POINT NO. 2241



HORIZONTAL CONTROL POINT NO. 2533



HORIZONTAL CONTROL POINT NO. 2809

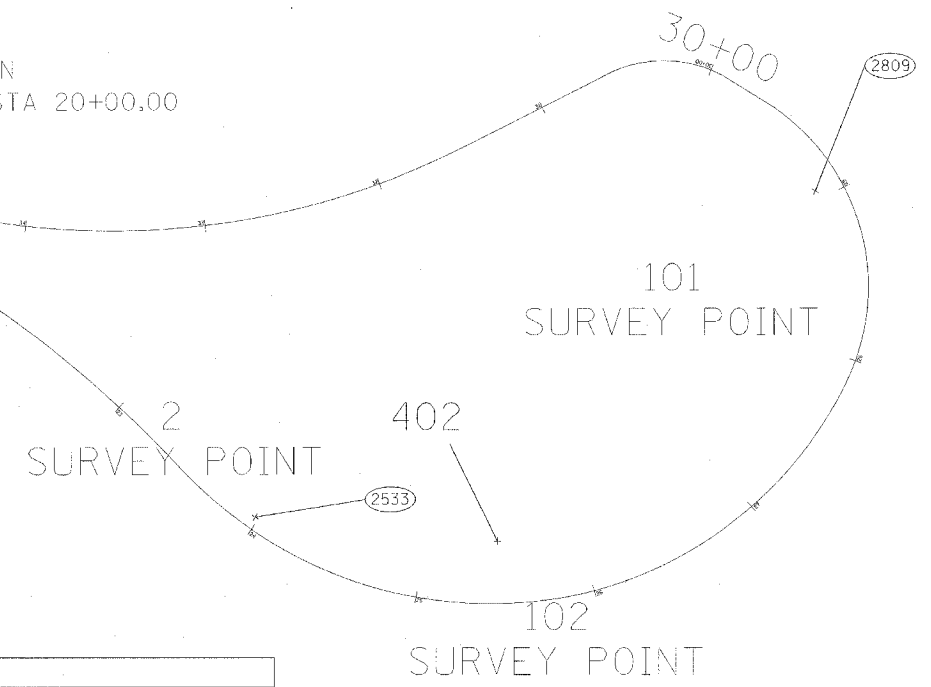
REFERENCE TIES				
POINT	CHAIN	STATION	OFFSET	DESCRIPTION
2119	OUTLOOKDR	11+40.08	32.09' RT	SIGN
2120	OUTLOOKDR	11+23.94	19.08' RT	SIGN
2121	OUTLOOKDR	10+13.76	93.59' LT	SIGN
2242	LOOP	21+10.06	58.47' LT	SIGN
2243	LOOP	34+64.01	102.00' LT	SIGN
2520	LOOP	23+82.42	30.77' LT	TREE/SHRUB
2521	LOOP	23+87.36	35.77' RT	TREE/SHRUB
2522	LOOP	23+53.02	56.37' RT	TREE/SHRUB
2867	LOOP	29+50.56	63.84' RT	TREE/SHRUB
2868	LOOP	29+44.74	33.87' LT	TREE/SHRUB
2898	LOOP	30+27.78	101.79' LT	LIGHT POLE

STATION EQUATION
 $STA\ 18+29.54 = STA\ 20+00.00$

HORIZONTAL CONTROL POINTS							
POINT	NORTHING	EASTING	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
2140	2064557.0820	2266994.9480	991.1200	OUTLOOKDR	11+21.21	28.7968 RT	LIGHT POLE
2241	2064071.9260	2267593.8540	974.3900	LOOP	20+56.59	19.889 RT	LIGHT POLE
2533	2063899.1600	2267881.5300	992.2400	LOOP	23+98.18	6.7235 LT	SIGN
2809	2064079.9700	2268192.9800	977.5100	LOOP	29+05.80	15.0083 LT	MANHOLE

BENCH MARKS							
POINT	NORTHING	EASTING	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
401	2064556.4810	2266994.2380	991.0227	OUTLOOKDR	11+21.38	29.7119 RT	CHISELED SQUARE (POLE FOUNDATION)
402	2063885.7100	2268016.1600	993.4335	LOOP	25+46.36	35.2175 LT	CHISELED SQUARE (POLE FOUNDATION)

MAIN CONTROL POINTS							
POINT	NORTHING	EASTING	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
1	2064541.8665	2266997.5868	990.4067	OUTLOOKDR	11+35.72	34.0922 RT	PIN & CAP SE OF LIGHT POLE AT ENTRANCE OF LOOKOUT TOWER
2	2063942.9014	2267834.7668	988.9565	LOOP	23+32.77	7.7559 LT	PIN & CAP NORTH OF WEST END OF C&G ON NORTH SIDE OF PAVED DRIVE
101	2064019.5900	2268111.1600	989.0436	LOOP	27+82.67	108.9138 LT	SURVEY POINT
102	2063830.8200	2268047.1500	990.8811	LOOP	25+73.53	22.1526 RT	SURVEY POINT



DATE = 8/15/2005
 FILE NAME = 28-50-M-301-27-8.dgn
 PLOT SCALE = 1"=40'
 REFERENCE = REF

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 EXISTING HORIZONTAL AND VERTICAL CONTROL
 SCALE: VERT. 1"=40'
 HORIZ. 1"=40'
 DATE: 8/15/2005
 DRAWN BY: SAM
 CHECKED BY: RJA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	28-SO-M	JO DAVIESS	27	9
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

EXISTING HORIZONTAL AND VERTICAL CONTROL

Chain LOOP contains:
8 CUR 220 CUR 230 CUR 240 CUR 250 CUR 260 CUR 270 CUR 280

Beginning chain LOOP description
=====

Point 8 N 2,064,110.0512 E 2,267,548.4147 Sta 20+00.00

Course from 8 to PC 220 S 70° 30' 21.0612" E Dist 21.0237

Curve Data

Curve 220
P.I. Station 21+88.30 N 2,064,047.2123 E 2,267,725.9240
Delta = 27° 09' 39.3107" (RT)
Degree = 8° 16' 26.1495"
Tangent = 167.2799
Length = 328.2711
Radius = 692.4856
External = 19.9180
Long Chord = 325.2060
Mid. Ord. = 19.3611
P.C. Station 20+21.02 N 2,064,103.0354 E 2,267,568.2332
P.T. Station 23+49.29 N 2,063,925.5605 E 2,267,840.7430
C.C. N 2,063,450.2461 E 2,267,337.1434
Back = S 70° 30' 21.0612" E
Ahead = S 43° 20' 41.7505" E
Chord Bear = S 56° 55' 31.4059" E

Curve Data

Curve 230
P.I. Station 24+30.72 N 2,063,866.3434 E 2,267,896.6342
Delta = 37° 26' 06.4770" (LT)
Degree = 23° 50' 27.3172"
Tangent = 81.4278
Length = 157.0205
Radius = 240.3254
External = 13.4201
Long Chord = 154.2424
Mid. Ord. = 12.7103
P.C. Station 23+49.29 N 2,063,925.5605 E 2,267,840.7430
P.T. Station 25+06.32 N 2,063,853.2967 E 2,267,977.0099
C.C. N 2,064,090.5172 E 2,268,015.5160
Back = S 43° 20' 41.7505" E
Ahead = S 80° 46' 48.2275" E
Chord Bear = S 62° 03' 44.9890" E

Curve Data

Curve 240
P.I. Station 26+69.32 N 2,063,827.1800 E 2,268,137.9046
Delta = 73° 01' 27.3531" (LT)
Degree = 26° 01' 17.9536"
Tangent = 163.0005
Length = 280.6288
Radius = 220.1850
External = 53.7686
Long Chord = 262.0171
Mid. Ord. = 43.2155
P.C. Station 25+06.32 N 2,063,853.2967 E 2,267,977.0099
P.T. Station 27+86.94 N 2,063,973.4390 E 2,268,209.8592
C.C. N 2,064,070.6370 E 2,268,012.2890
Back = S 80° 46' 48.2275" E
Ahead = N 26° 11' 44.4194" E
Chord Bear = N 62° 42' 28.0960" E

Curve Data

Curve 250
P.I. Station 28+97.04 N 2,064,072.2299 E 2,268,258.4611
Delta = 84° 37' 28.6558" (LT)
Degree = 47° 22' 24.3768"
Tangent = 110.0990
Length = 178.6331
Radius = 120.9449

External = 42.6077
Long Chord = 162.8334
Mid. Ord. = 31.5078
P.C. Station 27+86.94 N 2,063,973.4390 E 2,268,209.8592
P.T. Station 29+65.58 N 2,064,129.8728 E 2,268,164.6577
C.C. N 2,064,026.8287 E 2,268,101.3363
Back = N 26° 11' 44.4194" E
Ahead = N 58° 25' 44.2364" W
Chord Bear = N 16° 06' 59.9085" W

Course from PT 250 to PC 260 N 58° 25' 44.2363" W Dist 23.0551

Curve Data

Curve 260
P.I. Station 30+27.45 N 2,064,162.2640 E 2,268,111.9467
Delta = 58° 14' 33.8435" (LT)
Degree = 82° 14' 12.4951"
Tangent = 38.8128
Length = 70.8232
Radius = 69.6717
External = 10.0815
Long Chord = 67.8130
Mid. Ord. = 8.8071
P.C. Station 29+88.63 N 2,064,141.9434 E 2,268,145.0149
P.T. Station 30+59.46 N 2,064,144.8419 E 2,268,077.2638
C.C. N 2,064,082.5837 E 2,268,108.5379
Back = N 58° 25' 44.2364" W
Ahead = S 63° 19' 41.9201" W
Chord Bear = N 87° 33' 01.1581" W

Course from PT 260 to PC 270 S 63° 19' 41.9201" W Dist 90.4679

Curve Data

Curve 270
P.I. Station 32+84.42 N 2,064,043.8617 E 2,267,876.2398
Delta = 34° 38' 13.0262" (RT)
Degree = 13° 17' 01.8577"
Tangent = 134.4935
Length = 260.7448
Radius = 431.3191
External = 20.4825
Long Chord = 256.7925
Mid. Ord. = 19.5539
P.C. Station 31+49.92 N 2,064,104.2328 E 2,267,996.4223
P.T. Station 34+10.67 N 2,064,062.4988 E 2,267,743.0438
C.C. N 2,064,489.6567 E 2,267,802.8129
Back = S 63° 19' 41.9201" W
Ahead = N 82° 02' 05.0536" W
Chord Bear = S 80° 38' 48.4332" W

Curve Data

Curve 280
P.I. Station 35+11.35 N 2,064,076.4512 E 2,267,643.3291
Delta = 11° 31' 43.9924" (RT)
Degree = 5° 44' 40.4043"
Tangent = 100.6861
Length = 200.6924
Radius = 997.3925
External = 5.0692
Long Chord = 200.3540
Mid. Ord. = 5.0436
P.C. Station 34+10.67 N 2,064,062.4988 E 2,267,743.0438
P.T. Station 36+11.36 N 2,064,110.0512 E 2,267,548.4147
C.C. N 2,065,050.2688 E 2,267,881.2552
Back = N 82° 02' 05.0536" W
Ahead = N 70° 30' 21.0612" W
Chord Bear = N 76° 16' 13.0574" W

=====

Ending chain LOOP description

Chain OUTLOOKDR contains:
2117 CUR 200 CUR 210 7

Beginning chain OUTLOOKDR description
=====

Point 2117 N 2,064,572.7810 E 2,266,921.7460 Sta 10+00.00

Course from 2117 to PC 200 N 41° 03' 48.0321" E Dist 15.7462

Curve Data

Curve 200
P.I. Station 10+89.32 N 2,064,640.1301 E 2,266,980.4225
Delta = 109° 02' 36.9678" (RT)
Degree = 109° 15' 30.5775"
Tangent = 73.5782
Length = 99.8033
Radius = 52.4406
External = 37.9130
Long Chord = 85.4085
Mid. Ord. = 22.0044
P.C. Station 10+15.75 N 2,064,584.6534 E 2,266,932.0896
P.T. Station 11+15.55 N 2,064,576.3410 E 2,267,017.0926
C.C. N 2,064,550.2055 E 2,266,971.6289
Back = N 41° 03' 48.0321" E
Ahead = S 29° 53' 35.0001" E
Chord Bear = S 84° 24' 53.4840" E

Course from PT 200 to PC 210 S 29° 53' 35.0001" E Dist 53.3152

Curve Data

Curve 210
P.I. Station 15+18.43 N 2,064,227.0614 E 2,267,217.8810
Delta = 40° 36' 46.0611" (LT)
Degree = 6° 03' 54.5428"
Tangent = 349.5647
Length = 669.6090
Radius = 944.6720
External = 62.6019
Long Chord = 655.6786
Mid. Ord. = 58.7112
P.C. Station 11+68.86 N 2,064,530.1190 E 2,267,043.6640
P.T. Station 18+38.47 N 2,064,110.4079 E 2,267,547.4071
C.C. N 2,065,000.9271 E 2,267,862.6541
Back = S 29° 53' 35.0001" E
Ahead = S 70° 30' 21.0612" E
Chord Bear = S 50° 11' 58.0307" E

Course from PT 210 to 7 S 70° 30' 21.0612" E Dist 1.0689

Point 7 N 2,064,110.0512 E 2,267,548.4147 Sta 18+39.54

=====

Ending chain OUTLOOKDR description

CURVE	PI	CC	PC	PT
200	200	201	202	203
210	210	211	212	213
220	220	221	222	223
230	230	231	232	233
240	240	241	242	243
250	250	251	252	253
260	260	261	262	263
270	270	271	272	273
280	280	281	282	283

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

EXISTING HORIZONTAL AND VERTICAL CONTROL

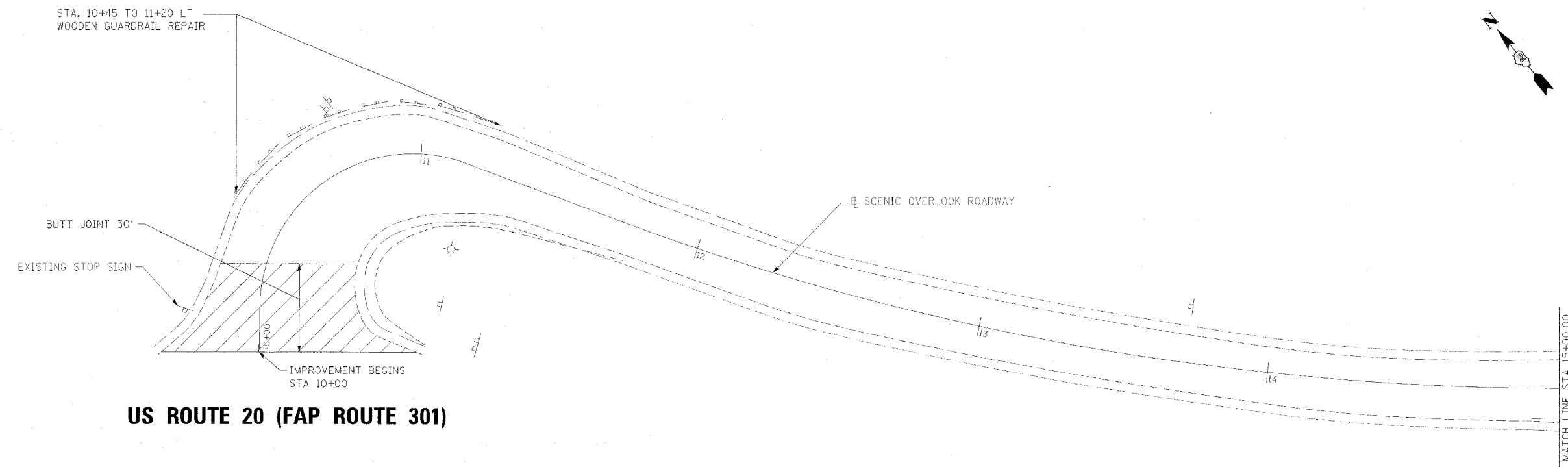
SCALE: VERT. _____
HORIZ. _____

DATE _____

DRAWN BY SAM
CHECKED BY RJA

DATE = 8/12/05
DRAWN BY = SAM
CHECKED BY = RJA
SCALE = AS SHOWN
REFERENCE = REF

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	28-SO-M	JO DAVIESS	27	10
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

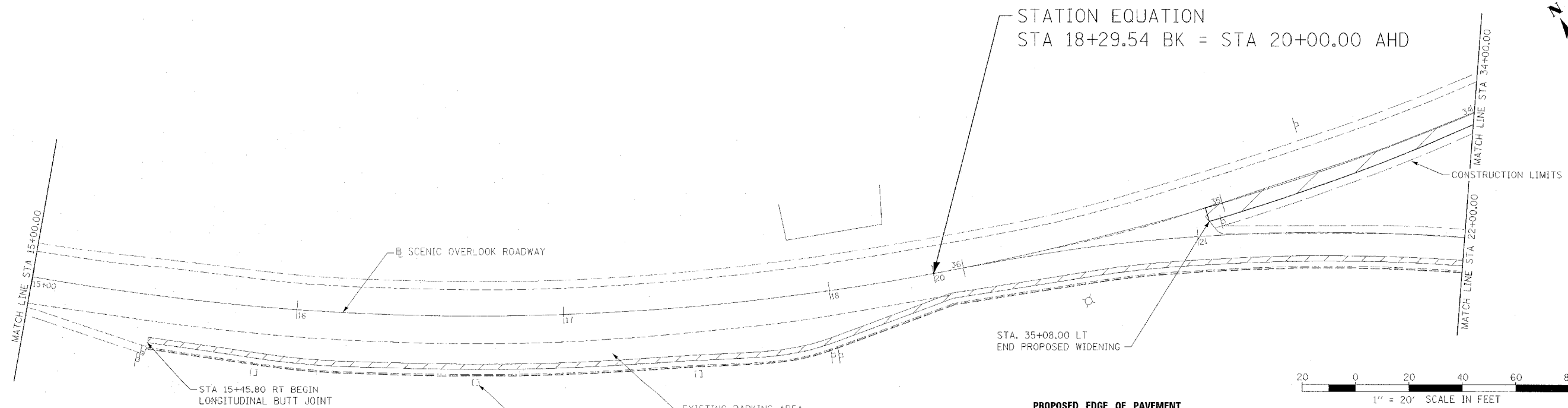


US ROUTE 20 (FAP ROUTE 301)

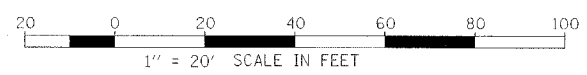
LEGEND



BUTT JOINT



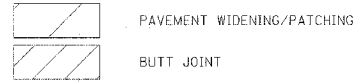
STATION EQUATION
STA 18+29.54 BK = STA 20+00.00 AHD



PROPOSED EDGE OF PAVEMENT STATION/OFFSET

STA	DIRECTION	OFFSET
34+50.00	LT	4.80'
35+00.00	LT	5.16'
35+08.00	LT	5.16'

LEGEND



PAVEMENT WIDENING/PATCHING

BUTT JOINT

PLOT DATE = 08/12/05
FILE NAME = 081205
PLOT SCALE = ESCALE
REFERENCE = #REF#

ILLINOIS DEPARTMENT OF TRANSPORTATION

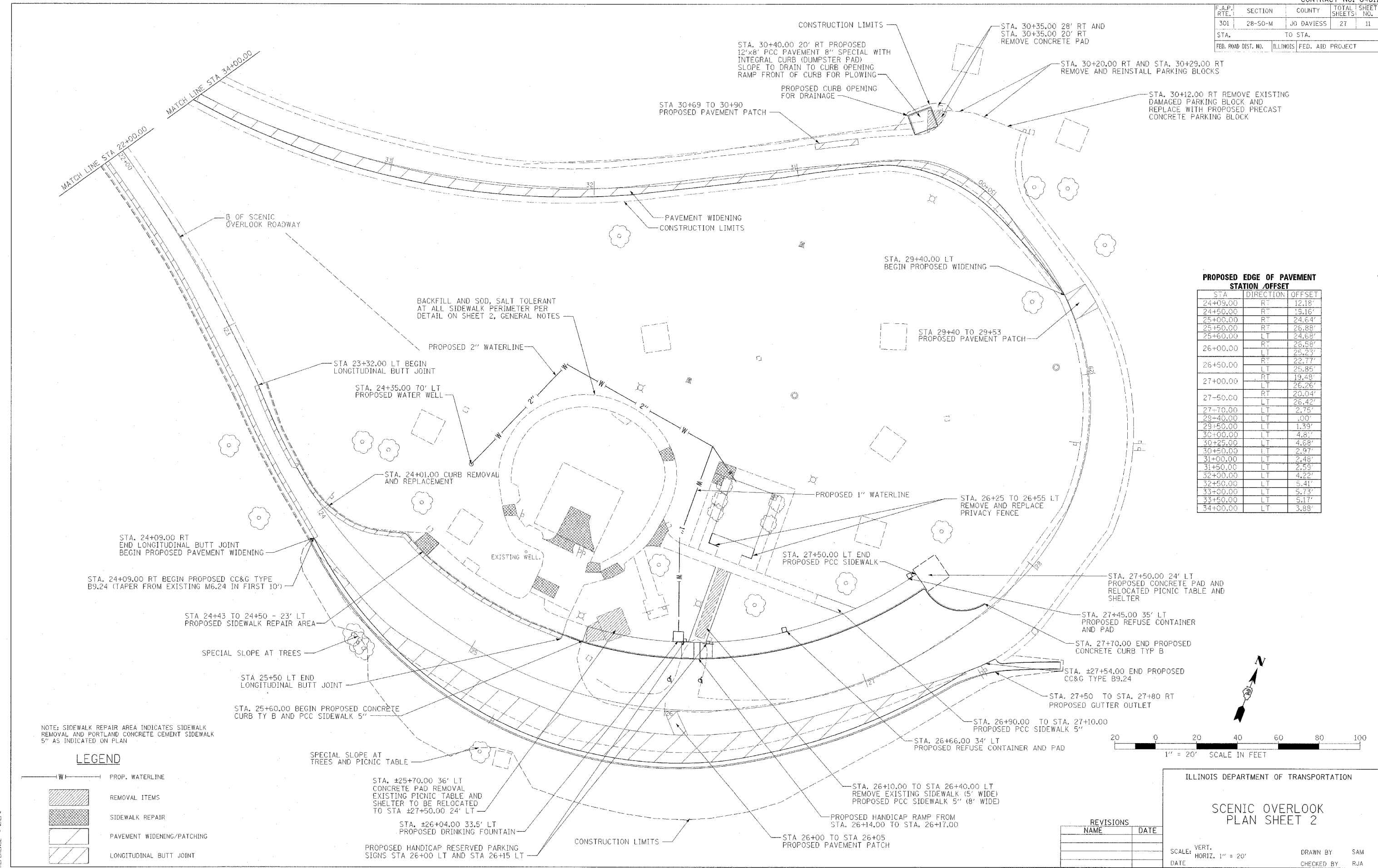
SCENIC OVERLOOK PLAN SHEET 1

REVISIONS	
NAME	DATE

SCALE: VERT. 1" = 20'
HORIZ. 1" = 20'

DRAWN BY SAM
CHECKED BY RJA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	28-50-M	JO DAVIESS	27	11
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



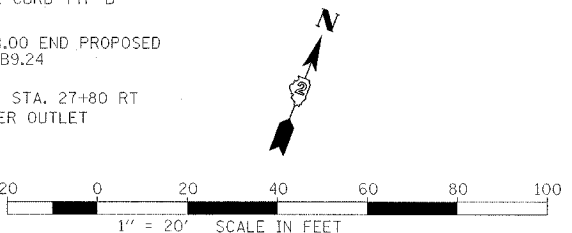
PROPOSED EDGE OF PAVEMENT STATION / OFFSET

STA.	DIRECTION	OFFSET
24+09.00	RT	12.18'
24+50.00	RT	15.16'
25+00.00	RT	24.64'
25+50.00	RT	26.88'
25+60.00	LT	24.68'
26+00.00	RT	25.58'
26+00.00	LT	25.23'
26+50.00	RT	22.77'
26+50.00	LT	25.85'
27+00.00	RT	19.48'
27+00.00	LT	26.26'
27+50.00	RT	20.04'
27+50.00	LT	26.42'
27+70.00	LT	2.75'
29+40.00	LT	.00'
29+50.00	LT	1.39'
30+00.00	LT	4.81'
30+25.00	LT	4.68'
30+50.00	LT	2.97'
31+00.00	LT	2.48'
31+50.00	LT	2.59'
32+00.00	LT	4.22'
32+50.00	LT	5.41'
33+00.00	LT	5.73'
33+50.00	LT	5.17'
34+00.00	LT	3.88'

NOTE: SIDEWALK REPAIR AREA INDICATES SIDEWALK REMOVAL AND PORTLAND CONCRETE CEMENT SIDEWALK 5" AS INDICATED ON PLAN

LEGEND

- W — PROP. WATERLINE
- [Hatched Box] REMOVAL ITEMS
- [Cross-hatched Box] SIDEWALK REPAIR
- [Diagonal Lines] PAVEMENT WIDENING/PATCHING
- [Dashed Line] LONGITUDINAL BUTT JOINT



ILLINOIS DEPARTMENT OF TRANSPORTATION

SCENIC OVERLOOK PLAN SHEET 2

SCALE: VERT. HORIZ. 1" = 20'

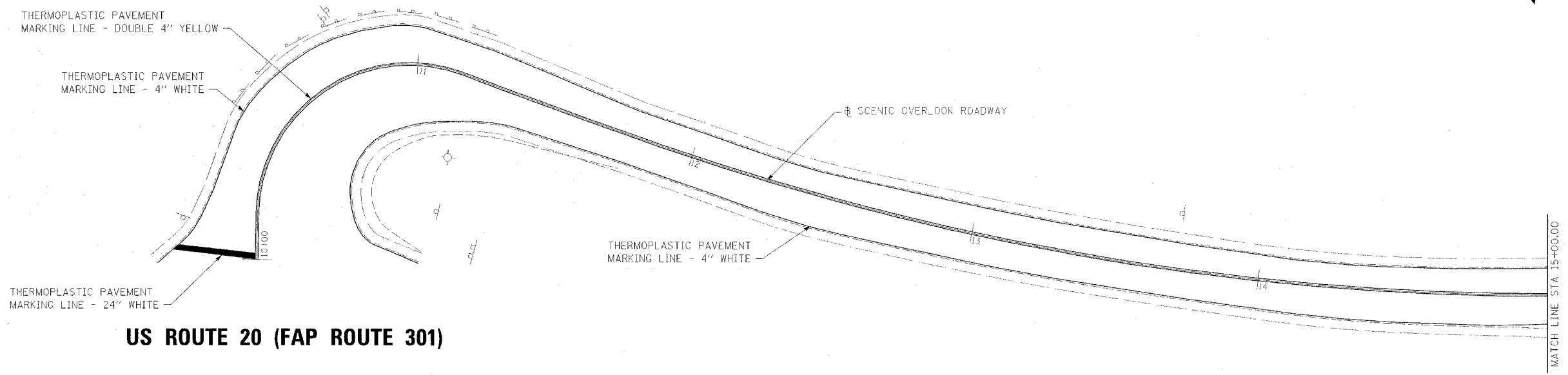
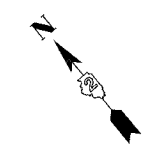
DATE: _____

DRAWN BY: SAM

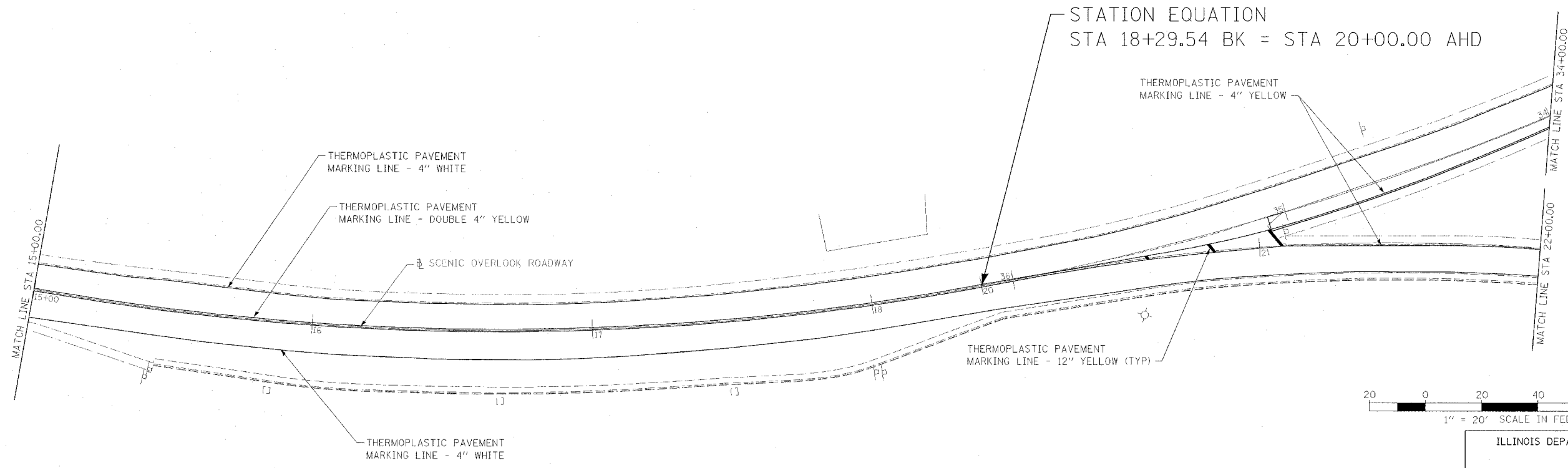
CHECKED BY: RJA

REVISIONS	
NAME	DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	28-50-M	JO DAVIESS	27	12
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



US ROUTE 20 (FAP ROUTE 301)



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

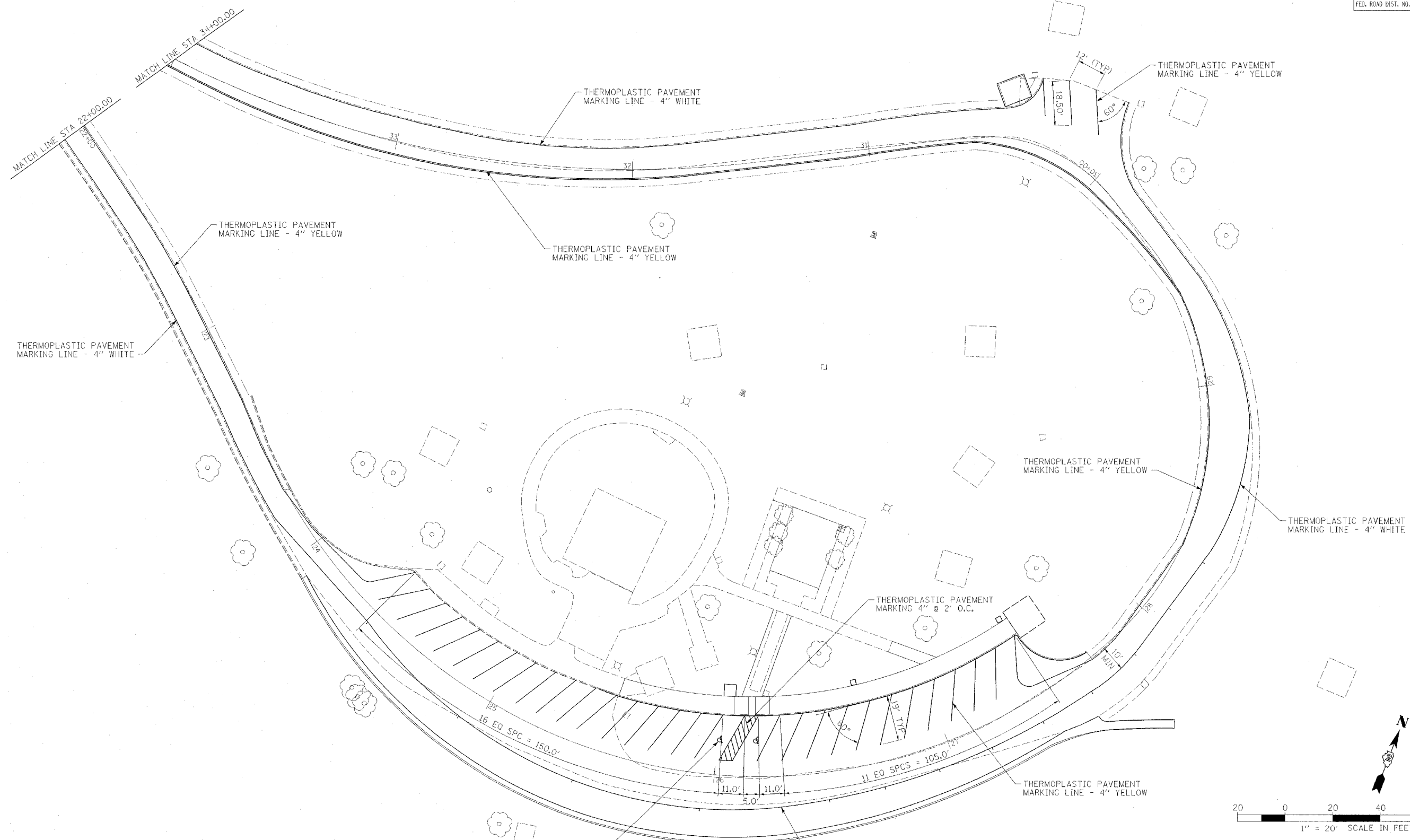
**SCENIC OVERLOOK
PLAN SHEET 3
PAVEMENT MARKING**

SCALE: VERT. 1" = 20'
HORIZ. 1" = 20'

DATE: _____ DRAWN BY: RAW
CHECKED BY: RJA

PLOT DATE = 8/12/05
FILE NAME = 8/12/05
PLOT SCALE = AS SHOWN
REFERENCE = REF

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	28-50-M	JO DAVIESS	27	13
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



PLOT DATE = #DATE#
 FILE NAME = #FILE#
 REFERENCE = #REF#

REVISIONS	
NAME	DATE

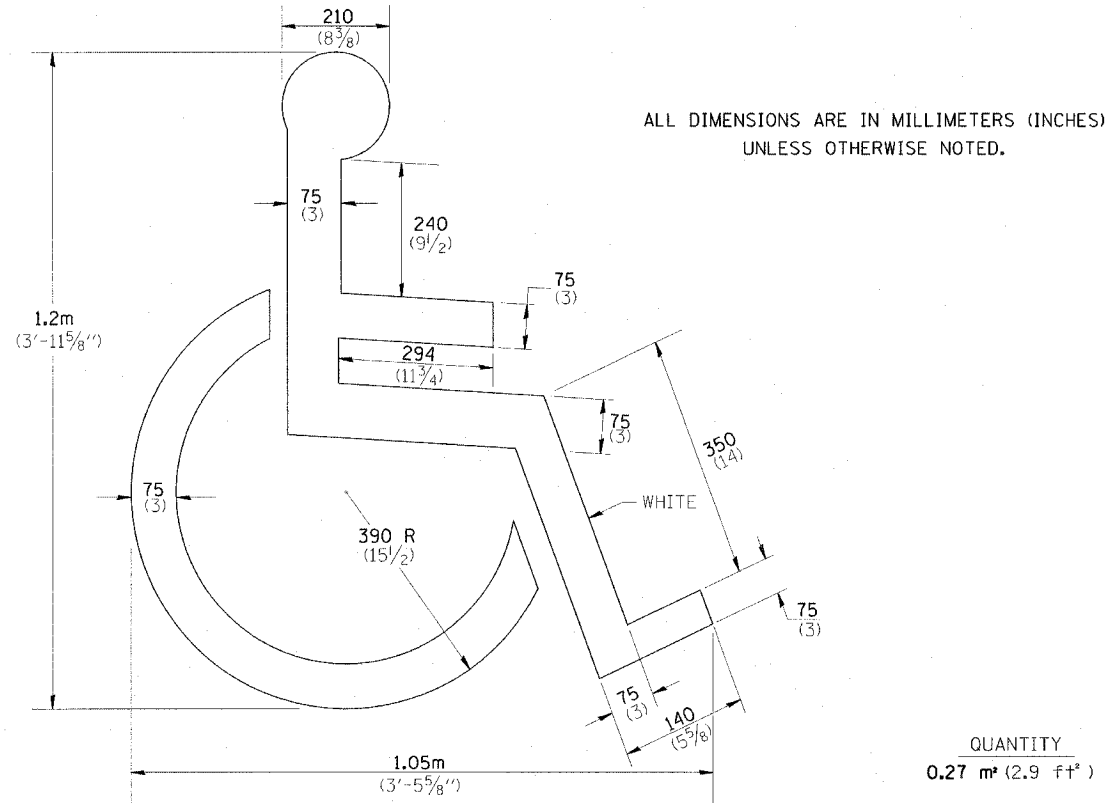
ILLINOIS DEPARTMENT OF TRANSPORTATION

SCENIC OVERLOOK
 PLAN SHEET 4
 PAVEMENT MARKING

SCALE: VERT. 1" = 20'
 HORIZ. 1" = 20'

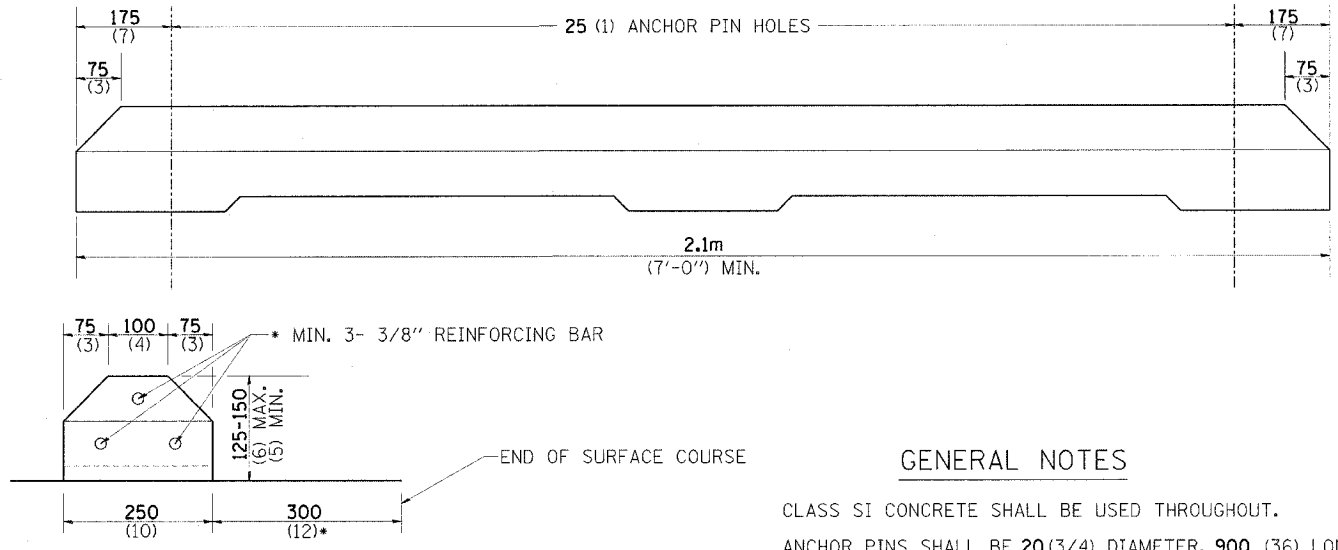
DATE _____ DRAWN BY RAW
 CHECKED BY RJL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	28-SO-M	JO DAVIESS	27	14
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



DISABLED SYMBOL

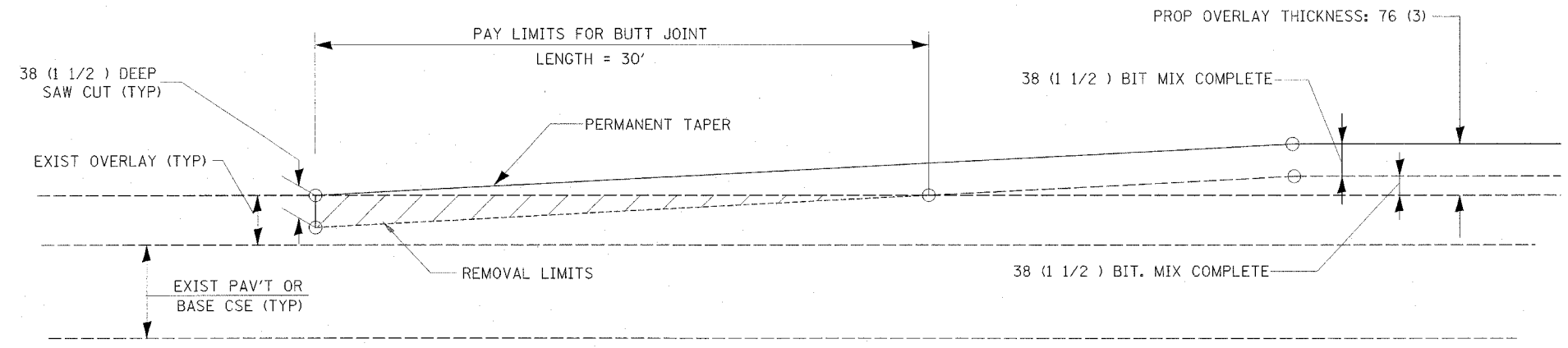
QUANTITY
0.27 m² (2.9 ft²)



GENERAL NOTES

- CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
- ANCHOR PINS SHALL BE 20 (3/4) DIAMETER, 900 (36) LONG.
- THE COST OF THE MATERIAL, LABOR AND EQUIPMENT NECESSARY TO INSTALL THE PARKING BLOCKS WITH ANCHOR PINS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER EACH FOR PARKING BLOCKS.
- ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

PARKING BLOCKS



BUTT JOINT DETAIL

GENERAL NOTES

- THE WORK SHALL BE DONE IN ACCORDANCE WITH ARTICLE 406.18
- THE SAW CUT JOINTS SHALL BE PRIMED JUST PRIOR TO THE PLACING OF BITUMINOUS MATERIAL. THE WORK WILL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF ARTICLE 406.06.

PLOT DATE = #DATE#
FILE NAME = #FILE#
PLOT SCALE = #SCALE#
REFERENCE = #REF#

ILLINOIS DEPARTMENT OF TRANSPORTATION

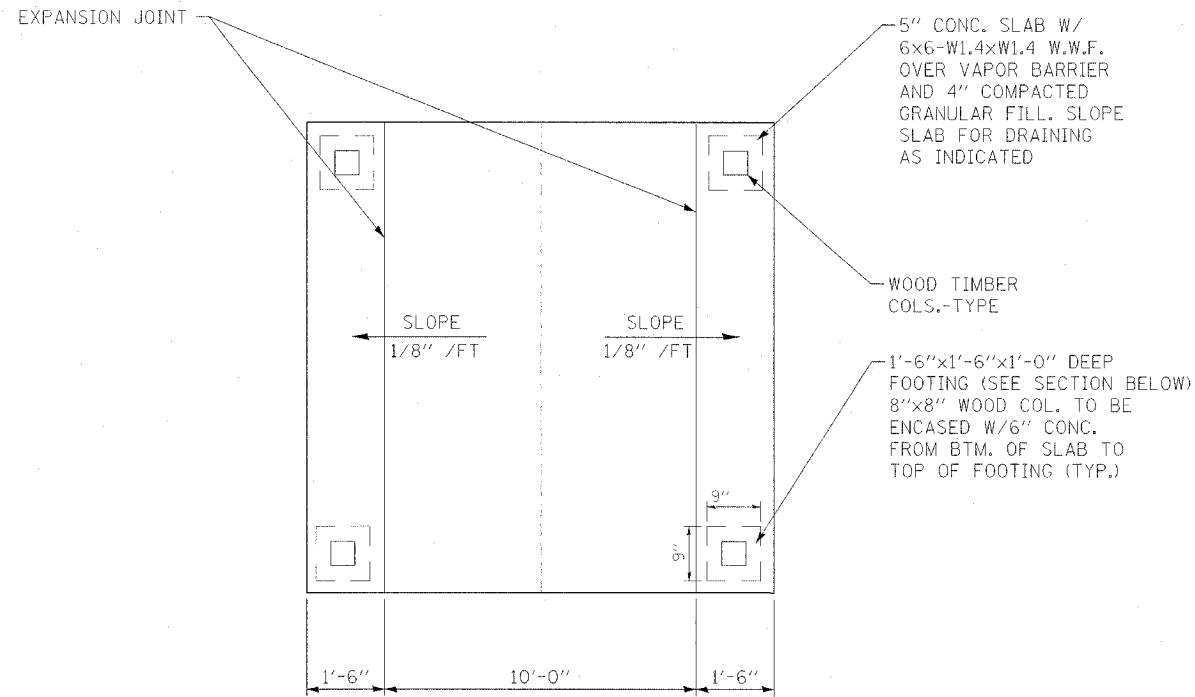
CONSTRUCTION DETAILS

REVISIONS	
NAME	DATE

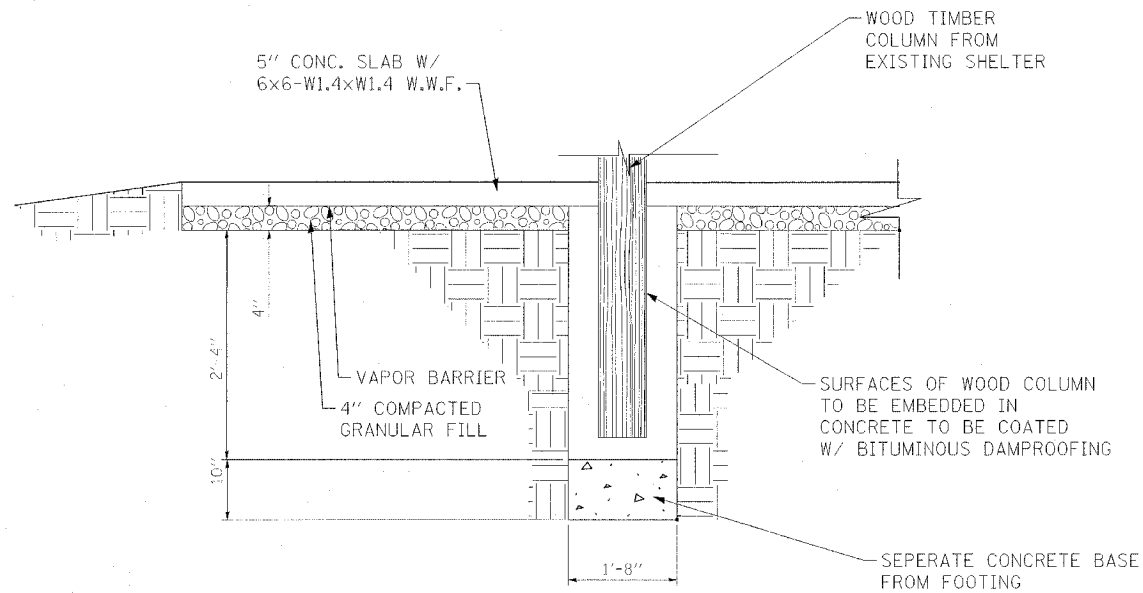
SCALE: VERT. _____
HORIZ. _____

DATE _____ DRAWN BY _____
CHECKED BY RJA

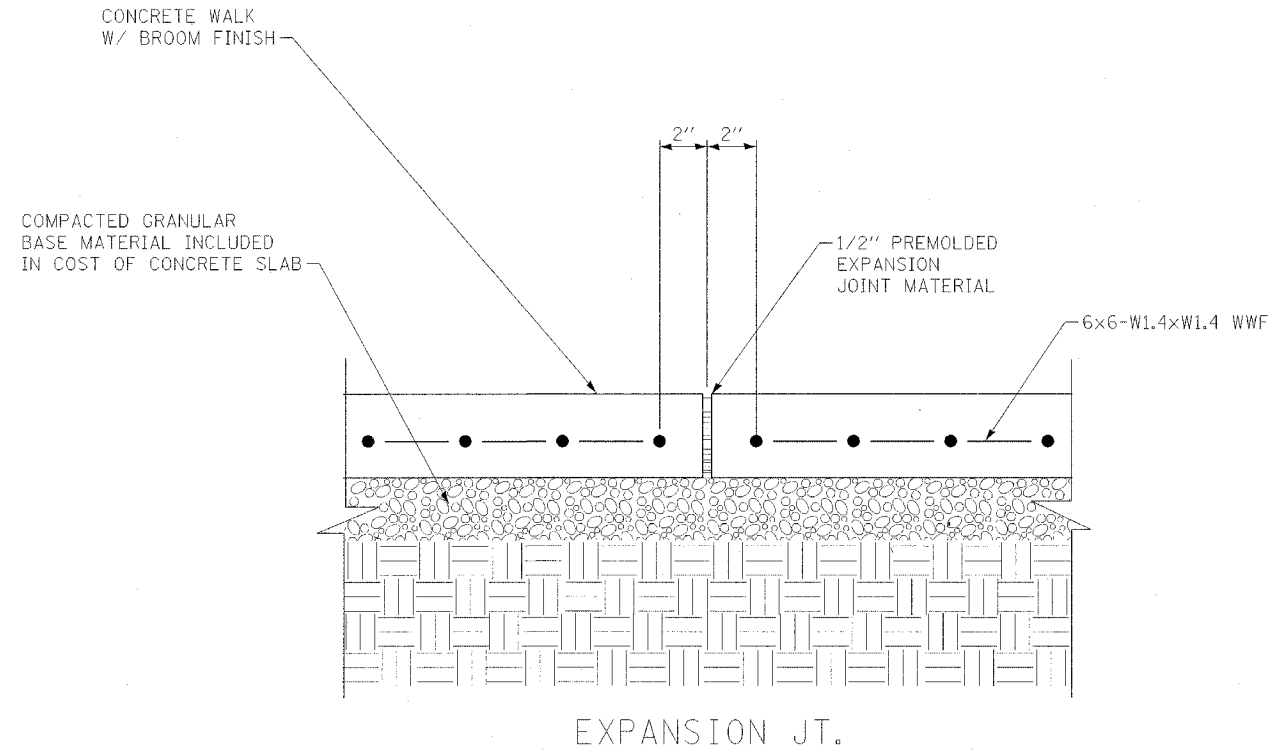
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	28-SO-M	JO DAVIESS	27	15
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



CONCRETE SLAB /FOUNDATION PLAN AT PICNIC TABLE SHELTER



CONCRETE SLAB SECTION AT PICNIC TABLE SHELTER



CONCRETE SLAB DETAIL AT PICNIC TABLE SHELTER

NOT TO SCALE

ILLINOIS DEPARTMENT OF TRANSPORTATION

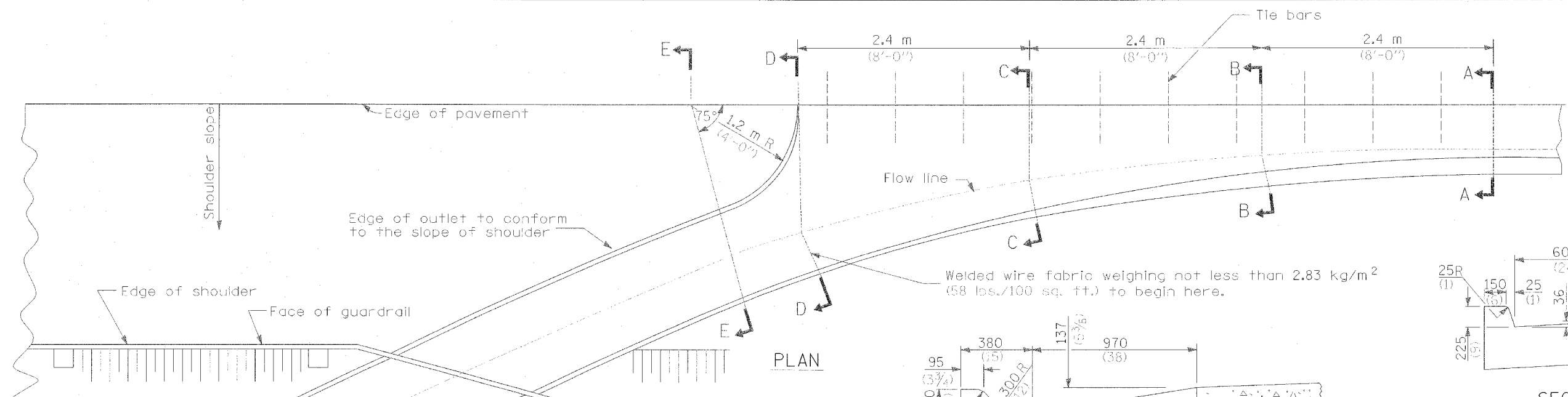
CONSTRUCTION DETAILS

REVISIONS	
NAME	DATE

SCALE: VERT.
HORIZ.
DATE

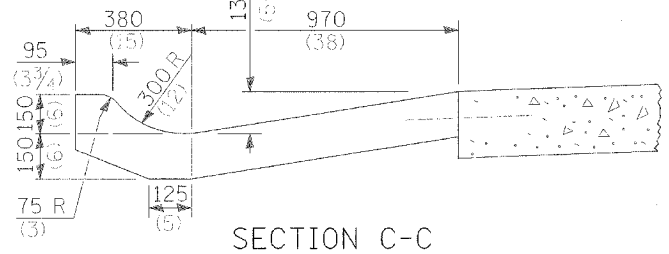
DRAWN BY JEA
CHECKED BY RJA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	28-50-M	JO DAVIESS	27	16
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

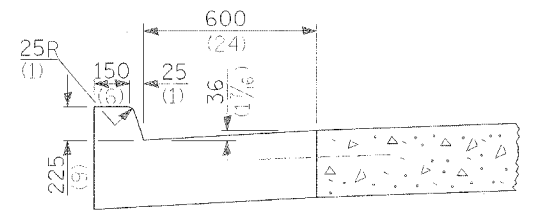


Welded wire fabric weighing not less than 2.83 kg/m² (58 lbs./100 sq. ft.) to begin here.

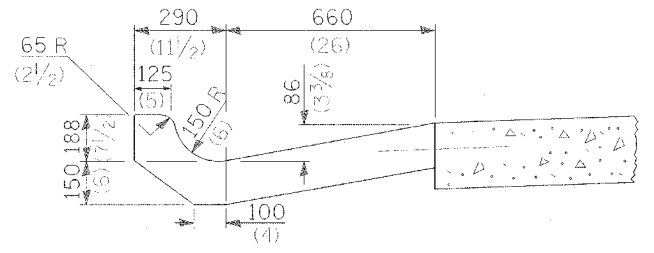
PLAN



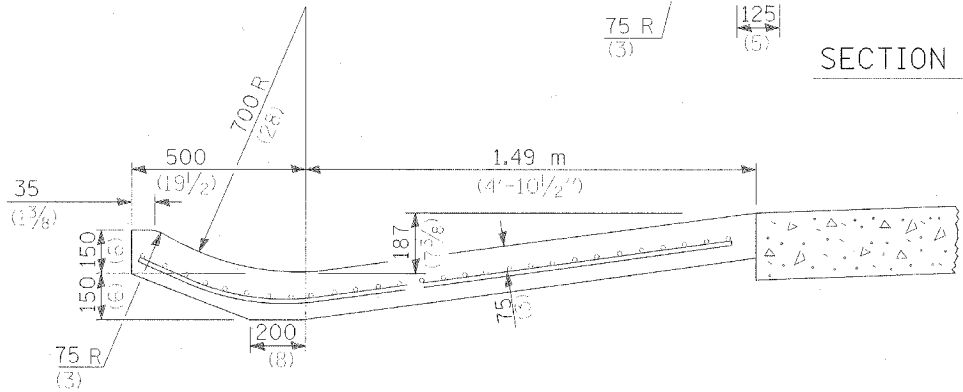
SECTION C-C



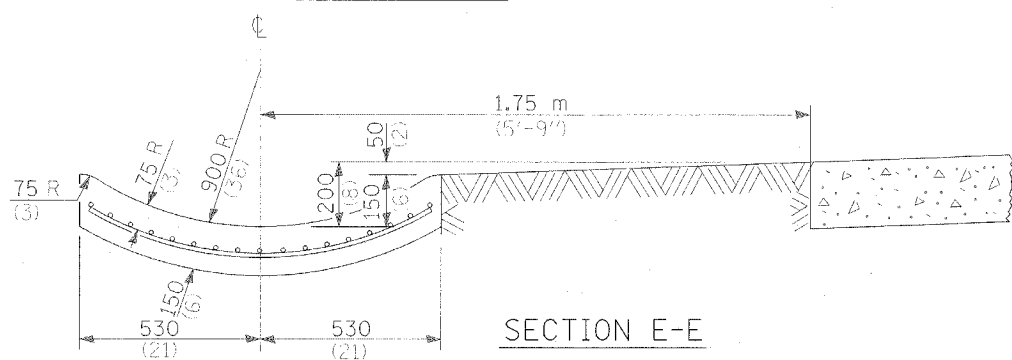
SECTION A-A



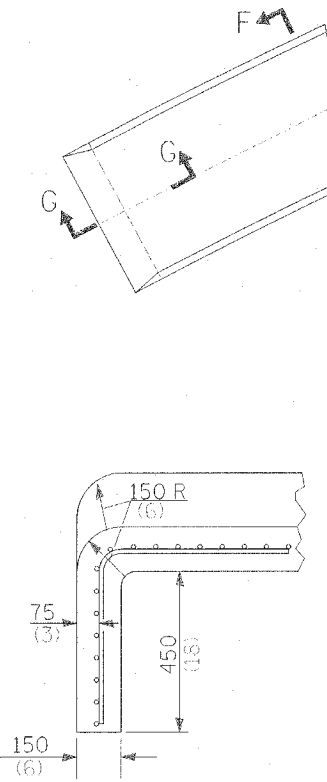
SECTION B-B



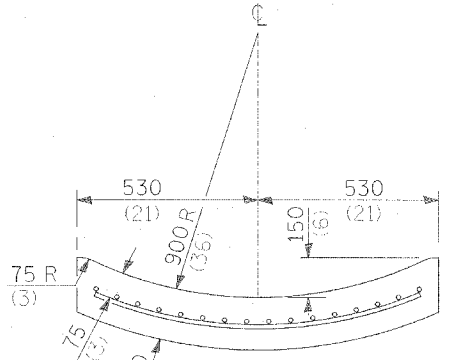
SECTION D-D



SECTION E-E



SECTION G-G



SECTION F-F

GENERAL NOTES

Tie bars shall be No. 20 (No. 6) at 600 mm (24") centers unless otherwise shown.

Cutter outlet shall be tied to the pavement in accordance with details for longitudinal construction joint shown on Standard 420001.

If the average grade of pavement for the distance from Section A-A to D-D exceeds 2%, this distance shall be increased 1.8 m (6 feet) for each 1% increase in grade.

All dimensions are in millimeters (inches) unless otherwise shown.

QUANTITIES

For Section A-A to E-E and curtain wall =
 1.82 m³ (2.38 cu. yds.) concrete for (225 (9) pav't.)
 1.84 m³ (2.41 cu. yds.) concrete for (250 (10) pav't.)

For Section F-F =
 .17 m³ (0.069 cu. yds.) concrete per m (ft.)

OUTLETS FOR CONC. CURB AND GUTTER TYPE B-9.24

ILLINOIS DEPARTMENT OF TRANSPORTATION

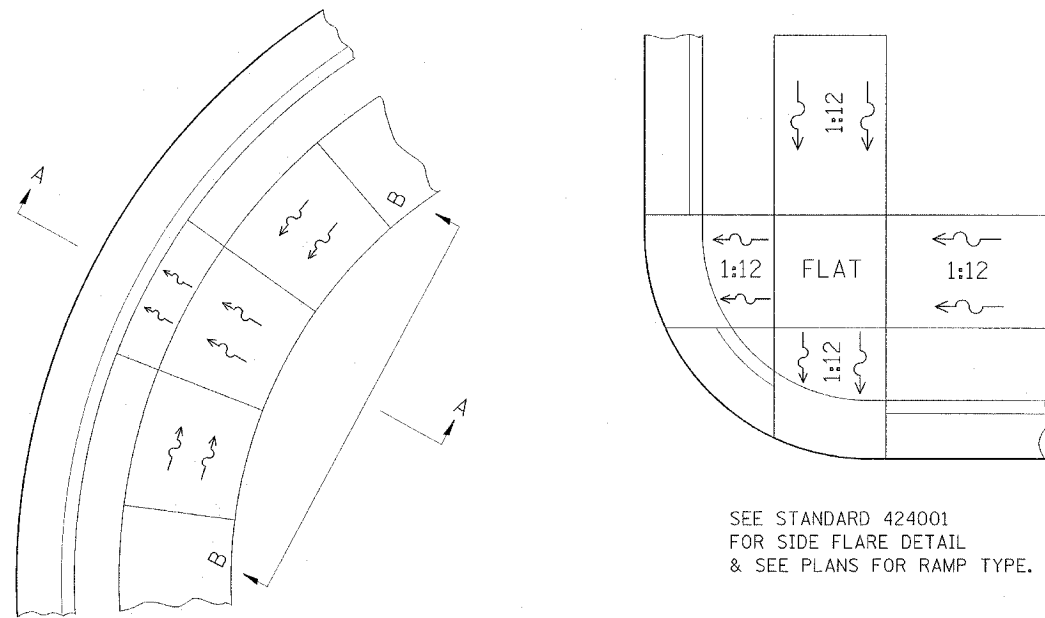
CONSTRUCTION DETAILS

REVISIONS	
NAME	DATE

SCALE: VERT. _____
 HORIZ. _____
 DATE _____
 DRAWN BY SAM
 CHECKED BY RJA

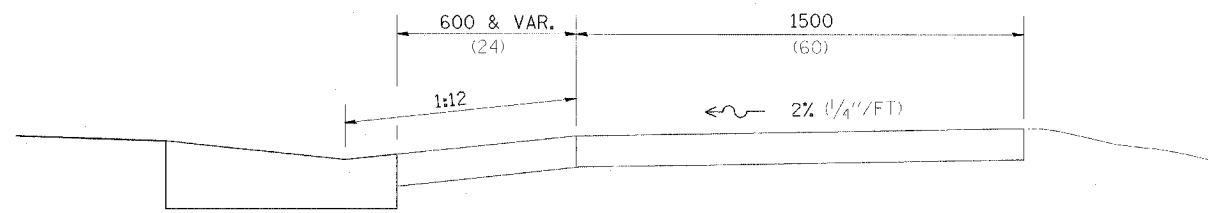
DATE = 8/12/2005
 FILE NAME = 28-50-M
 PLOT SCALE = 1/8"=1'-0"
 REFERENCE = 485F

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	28-SO-M	JO DAVIESS	27	17
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

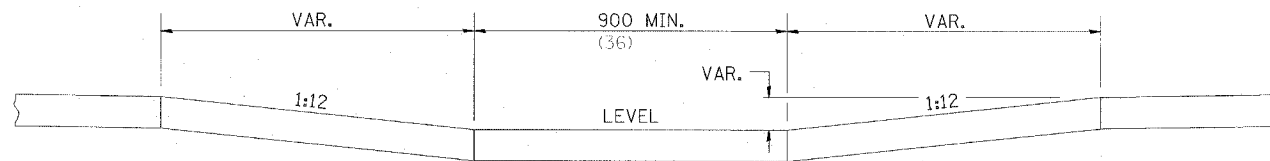


SEE STANDARD 424001 FOR SIDE FLARE DETAIL & SEE PLANS FOR RAMP TYPE.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.



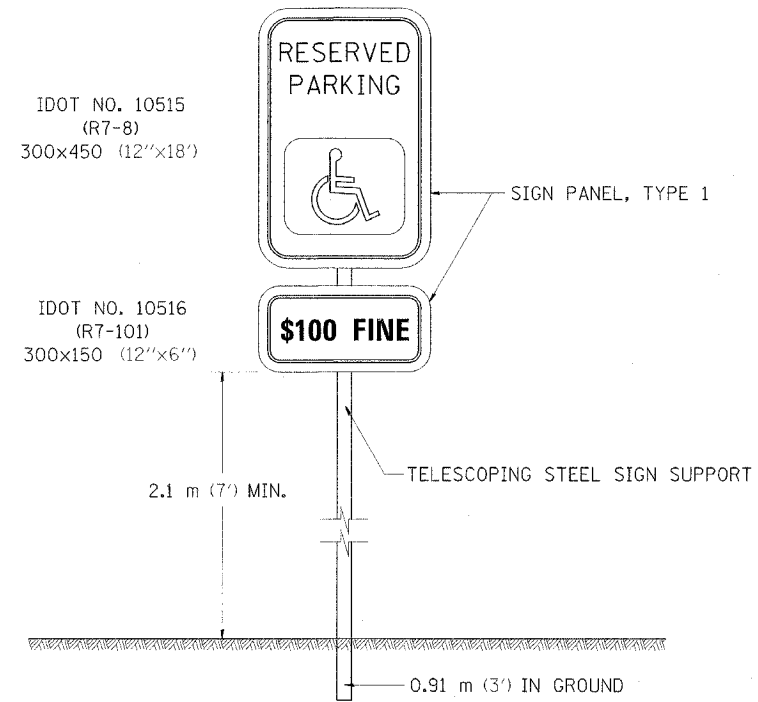
SECTION A-A



SECTION B-B

NOTES : THIS DETAIL TO BE USED IN CONJUNCTION WITH STATE STANDARD 424001. THE MAXIMUM ALLOWABLE CROSS SLOPE FOR SIDEWALK IS 2% (1/4\"/>

DISABLED RAMP DETAIL



IDOT NO. 10515 (R7-8) 300x450 (12\"/>

IDOT NO. 10516 (R7-101) 300x150 (12\"/>

SIGN PANEL, TYPE 1

TELESCOPING STEEL SIGN SUPPORT

0.91 m (3') IN GROUND

RESERVED PARKING SIGN DETAIL

NOTES

THE SIGN PANEL AND SIGN SUPPORT SHALL BE PLACED AT EACH DISABLED PARKING STALL. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE METER (SQUARE FOOT) FOR SIGN PANEL, TYPE 1 AND PER METER (FOOT) FOR TELESCOPING STEEL SIGN SUPPORT.

QUANTITIES

3.6 m (12 FT) OF SIGN SUPPORT AND 0.2 m² (2 SQ FT) OF SIGN PANEL IS REQUIRED AT EACH LOCATION.

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED

PLOT DATE = #DATE#
FILE NAME = #FILE#
PLOT NAME = #PLOT#
REFERENCE = #REF#

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

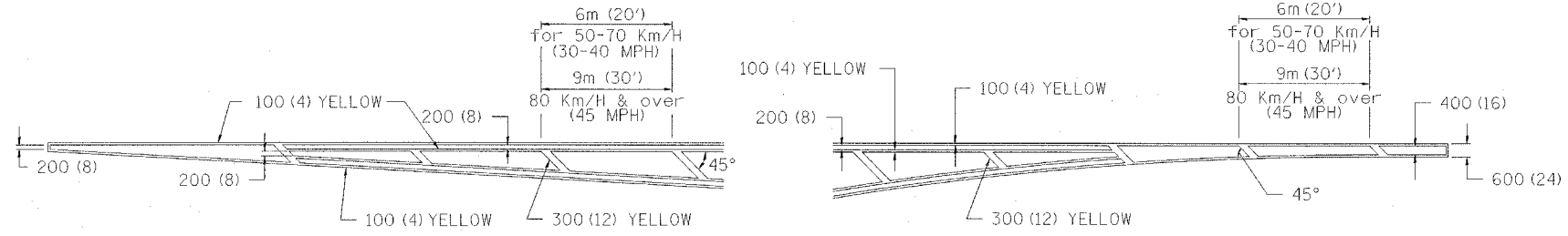
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HORIZ. _____

DATE _____

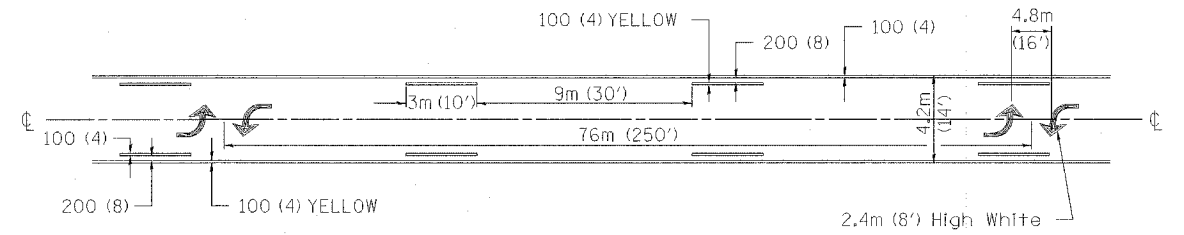
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CHECKED BY RJA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	28-50-M	JO DAVIESS	27	18
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

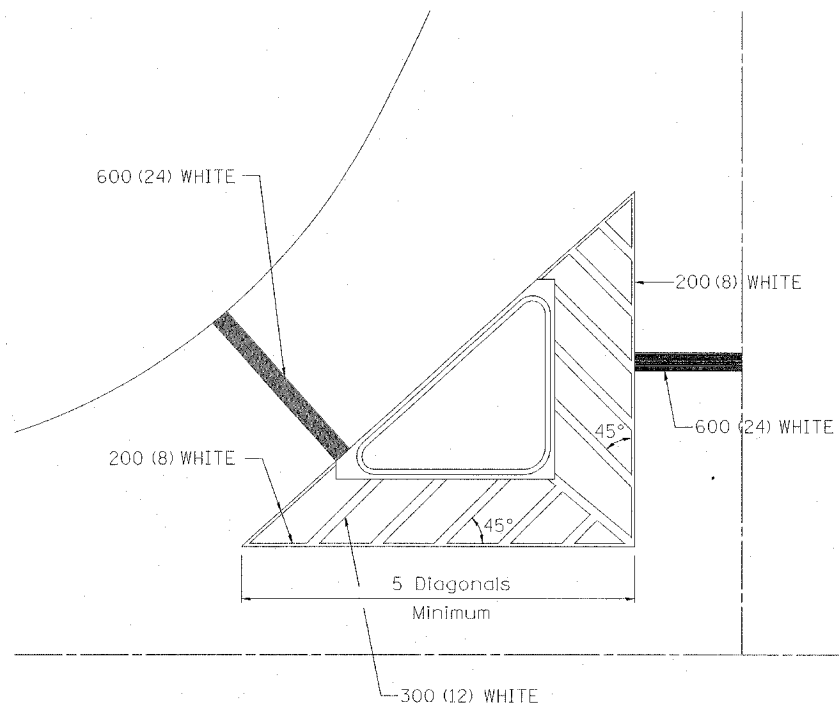
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



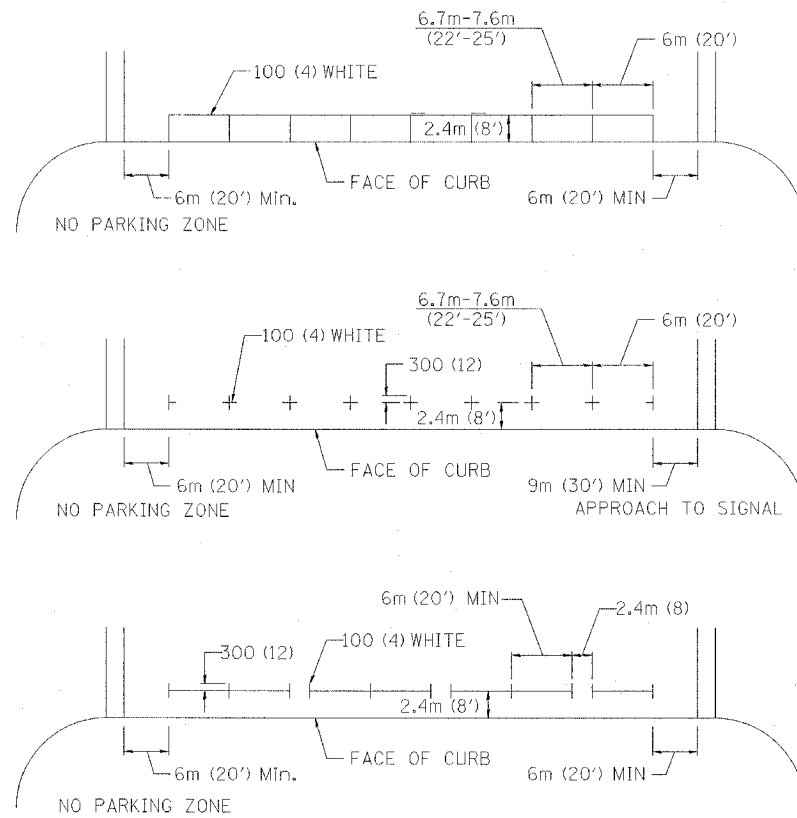
MEDIAN PAVEMENT MARKING



TYPICAL ISLAND OFFSET SHOULDER WIDTH

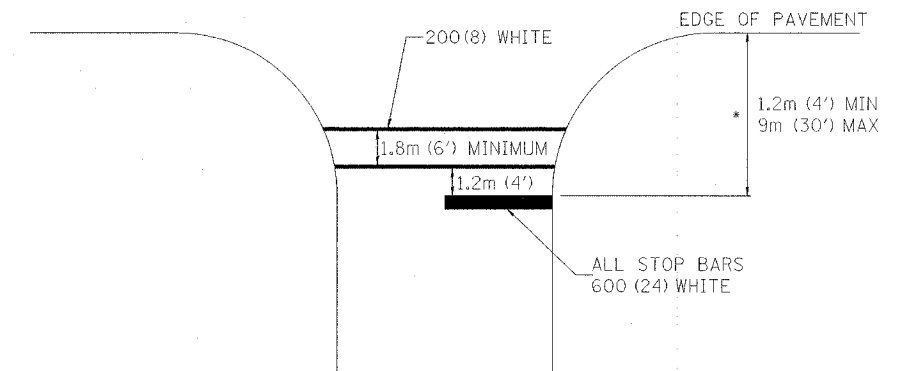


TYPICAL PARKING SPACING



** ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

STANDARD CROSSWALK MARKING
SEE PLANS FOR LOCATIONS



* DISTANCE TO THE NEAREST EDGE OF THE INTERSECTING ROADWAY IN THE ABSENCE OF MARKED CROSSWALK.

TYPICAL PAVEMENT MARKINGS

ILLINOIS DEPARTMENT OF TRANSPORTATION

CONSTRUCTION
DETAILS

REVISIONS	
NAME	DATE

SCALE: VERT.
HORIZ.
DATE

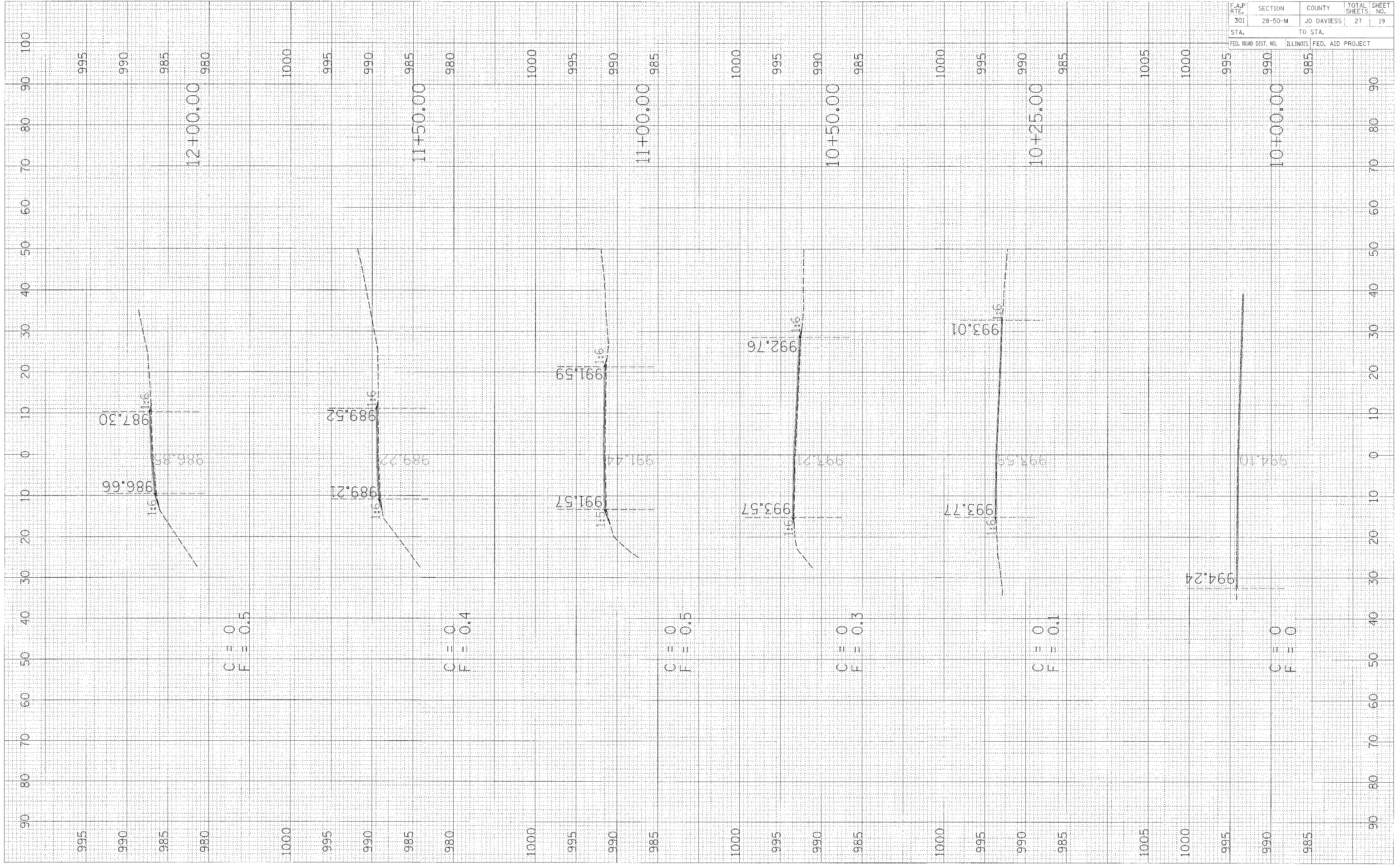
DRAWN BY
CHECKED BY: RJA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	28-50-M	JO DAVIESS	27	19
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	SURVEYED	BY	DATE
NO. _____	FLIPPED		
	TEMP. AT		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NO. _____	FLIPPED		
	TEMP. AT		
	AREAS CHECKED		

PLOT DATE = 8/12/06
 FILE NAME = 811111
 REFERENCE = 811111

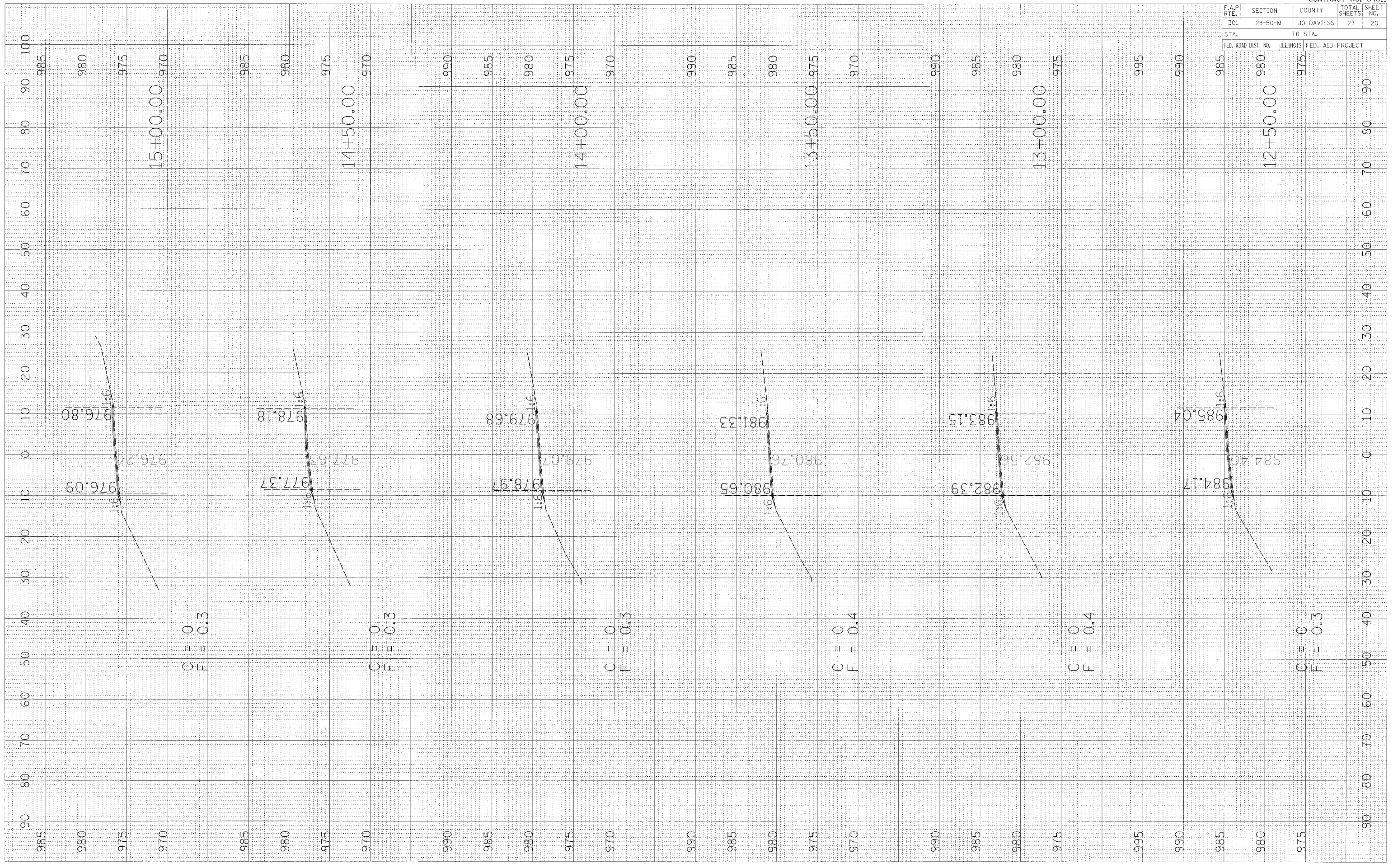


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	28-50-M	JO DAVIESS	27	20
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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

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

PLOT DATE = 8/12/05
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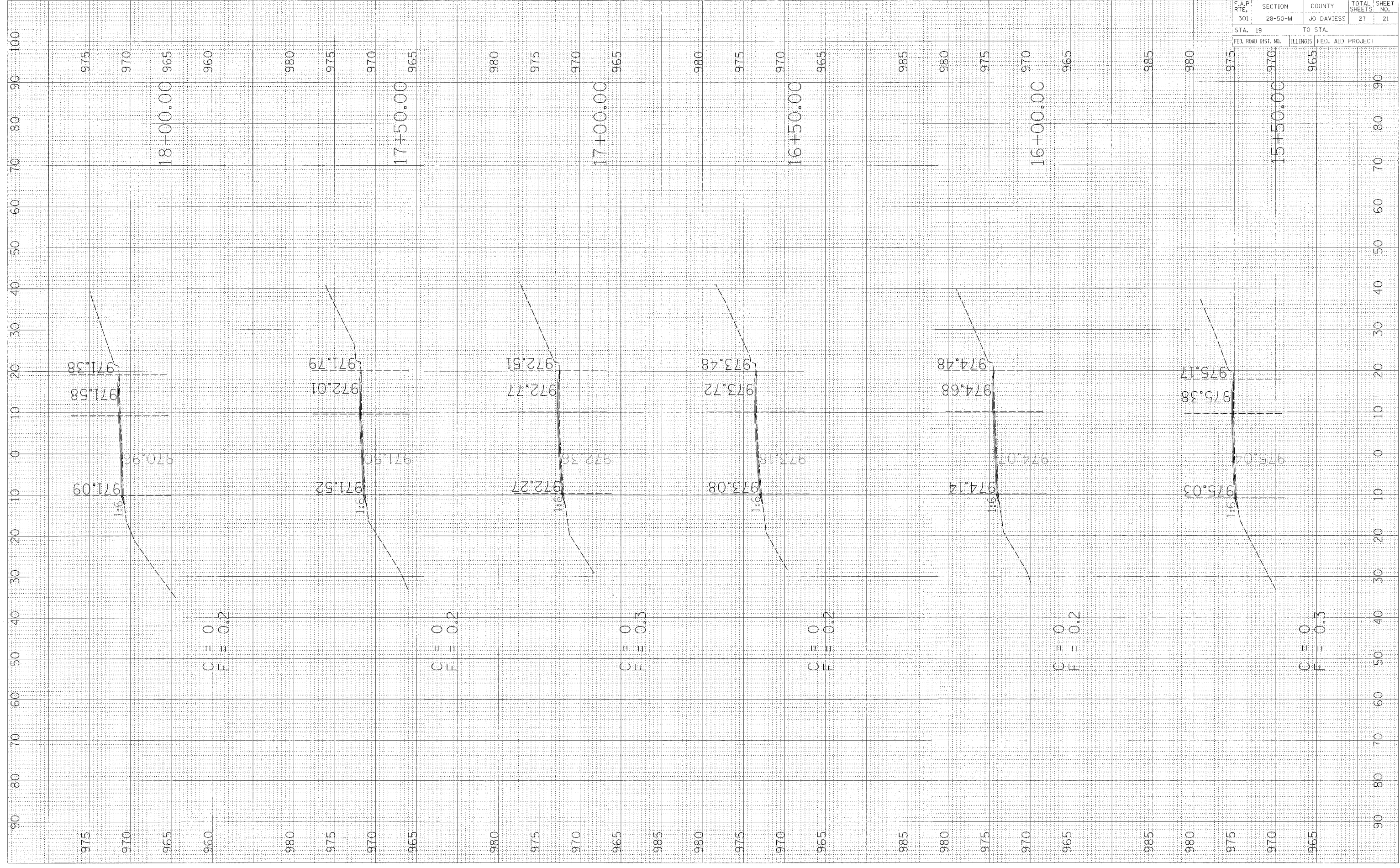


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	28-50-M	JO DAVIESS	27	21
STA. 19		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY
 SURVEYED _____
 NOTE BOOK _____
 TEMPLATE _____
 AREAS _____
 AREAS CHECKED _____

ORIGINAL SURVEY
 SURVEYED _____
 NOTE BOOK _____
 TEMPLATE _____
 AREAS _____
 AREAS CHECKED _____

PLOT DATE = #DATE#
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 REFERENCE = #REF#



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 F = 0.2

C = 0
 F = 0.2

C = 0
 F = 0.3

C = 0
 F = 0.2

C = 0
 F = 0.2

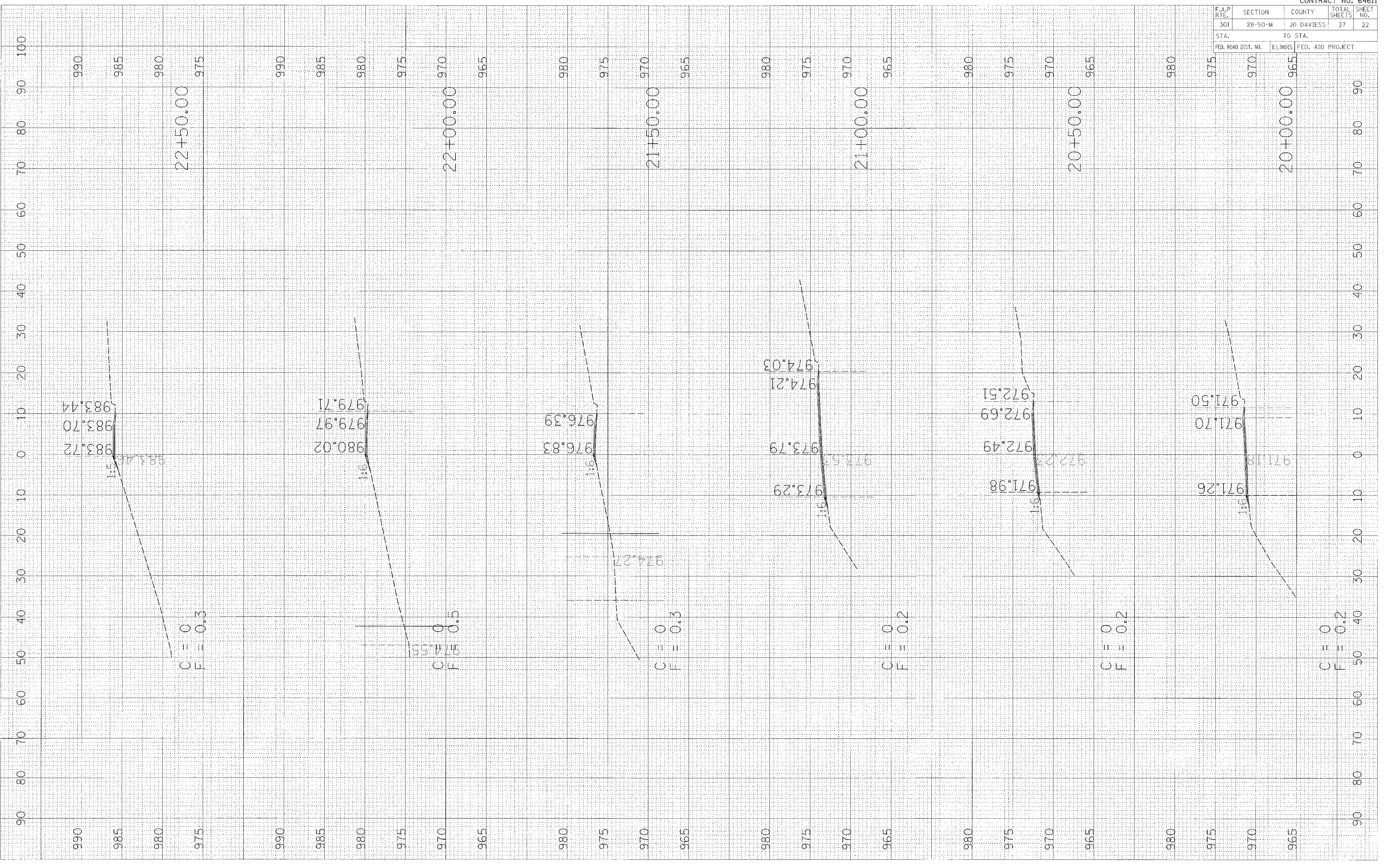
C = 0
 F = 0.3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	28-50-M	JO DAVIESS	27	22
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY
 NO. 1011
 SURVEYED BY: _____
 DATE: _____
 CHECKED BY: _____
 DATE: _____

ORIGINAL SURVEY
 NO. 1011
 SURVEYED BY: _____
 DATE: _____
 CHECKED BY: _____
 DATE: _____

PLOT DATE = #DATE#
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 REFERENCE = #REF#

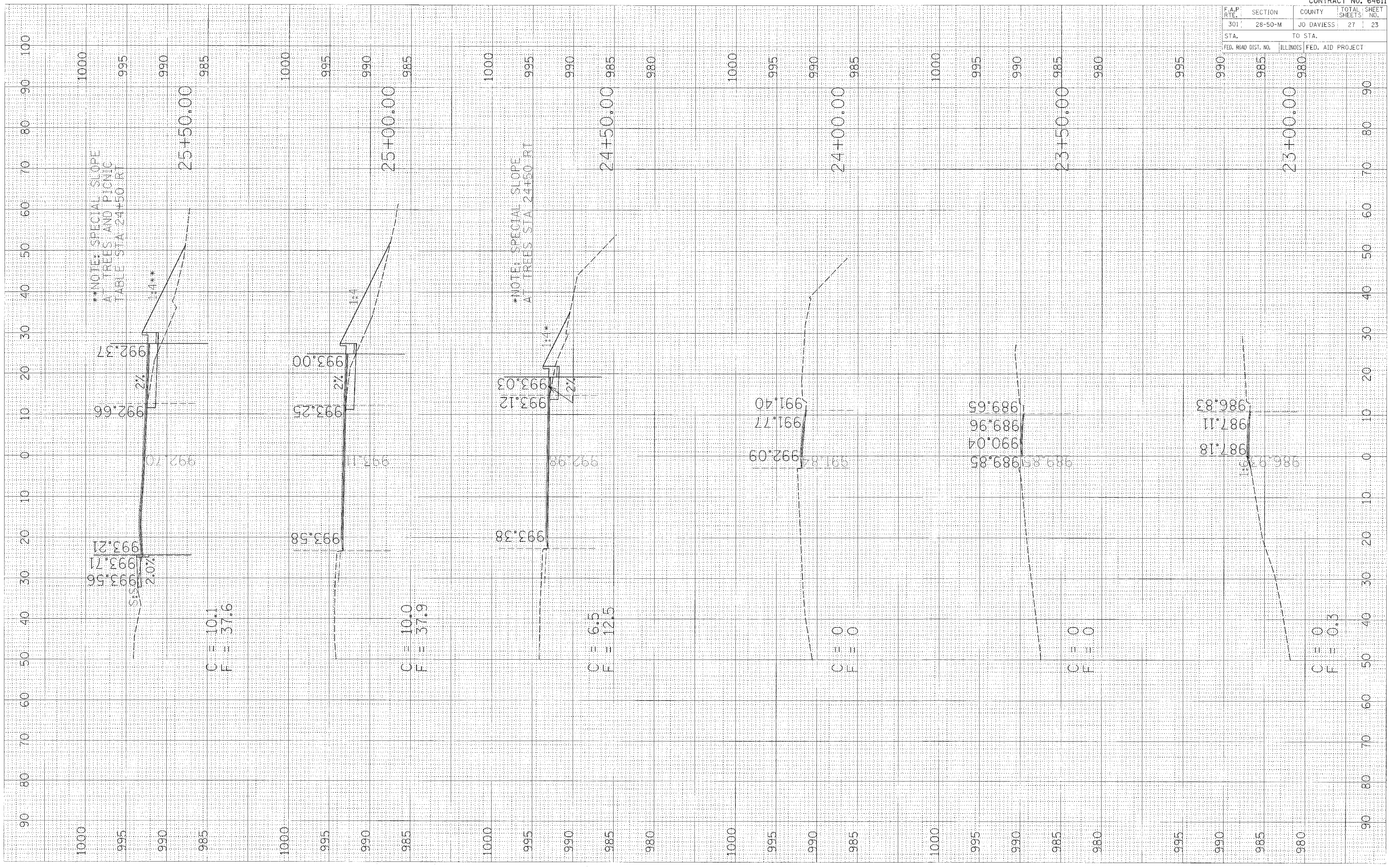


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
301	28-50-M	JO DAVIESS	27
STA.		TO STA.	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK NO.	FLIPPED		
	TEMPLAT		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK NO.	FLIPPED		
	TEMPLAT		
	AREAS CHECKED		

PLOT DATE = #DAYS
 PLOT SCALE = #SCALE
 PLOT REFERENCE = #REF#

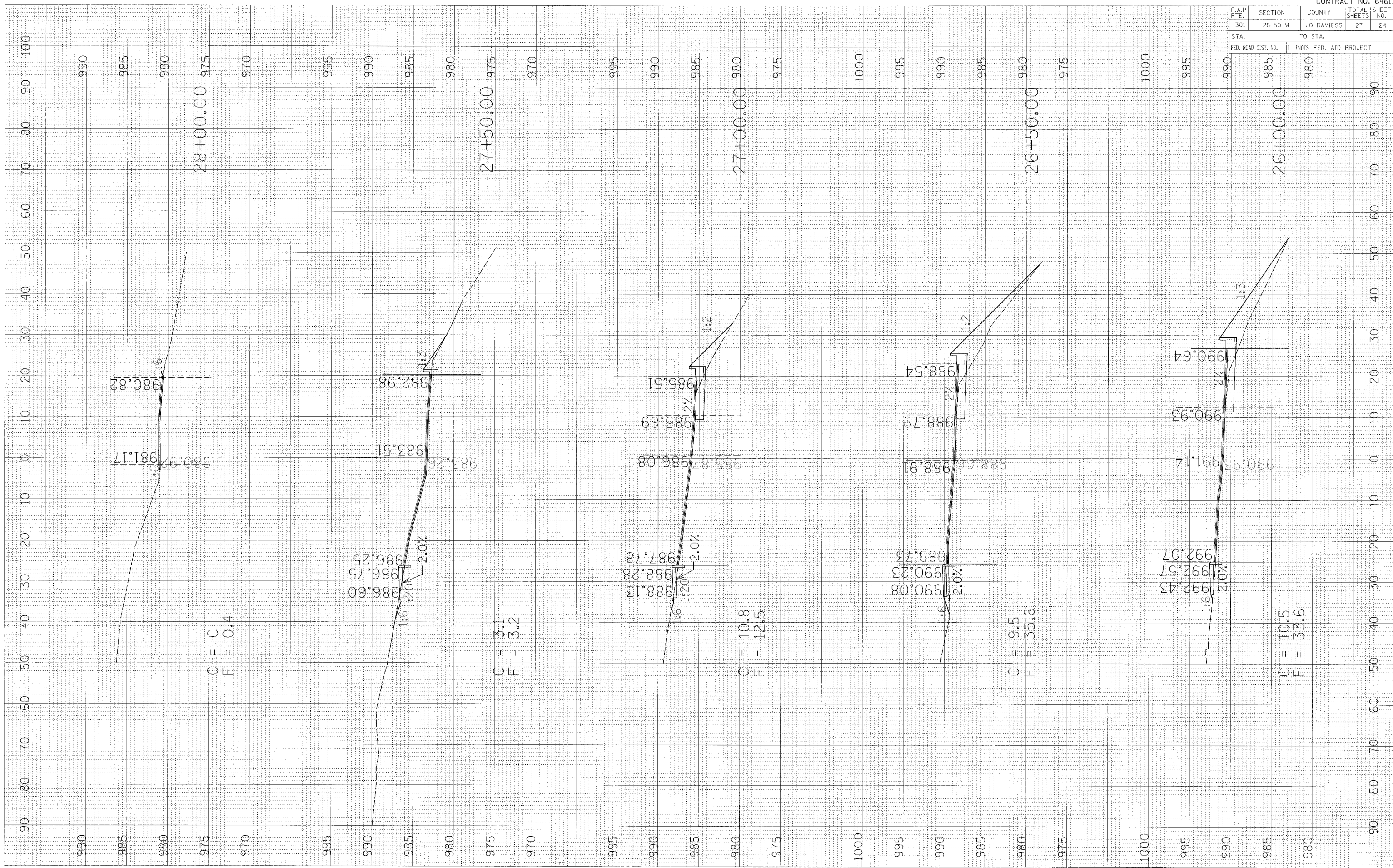


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	28-50-M	JO DAVIESS	27	24
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	REVERSED	BY	DATE
NOT BOOK	PLATTED		
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SPRINKLED	BY	DATE
NOTE BOOK	PLATTED		
NO.	AREAS CHECKED		

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 PLOT NAME = 28-50-M
 PLOT SCALE = 1"=40'
 REFERENCE = AREA

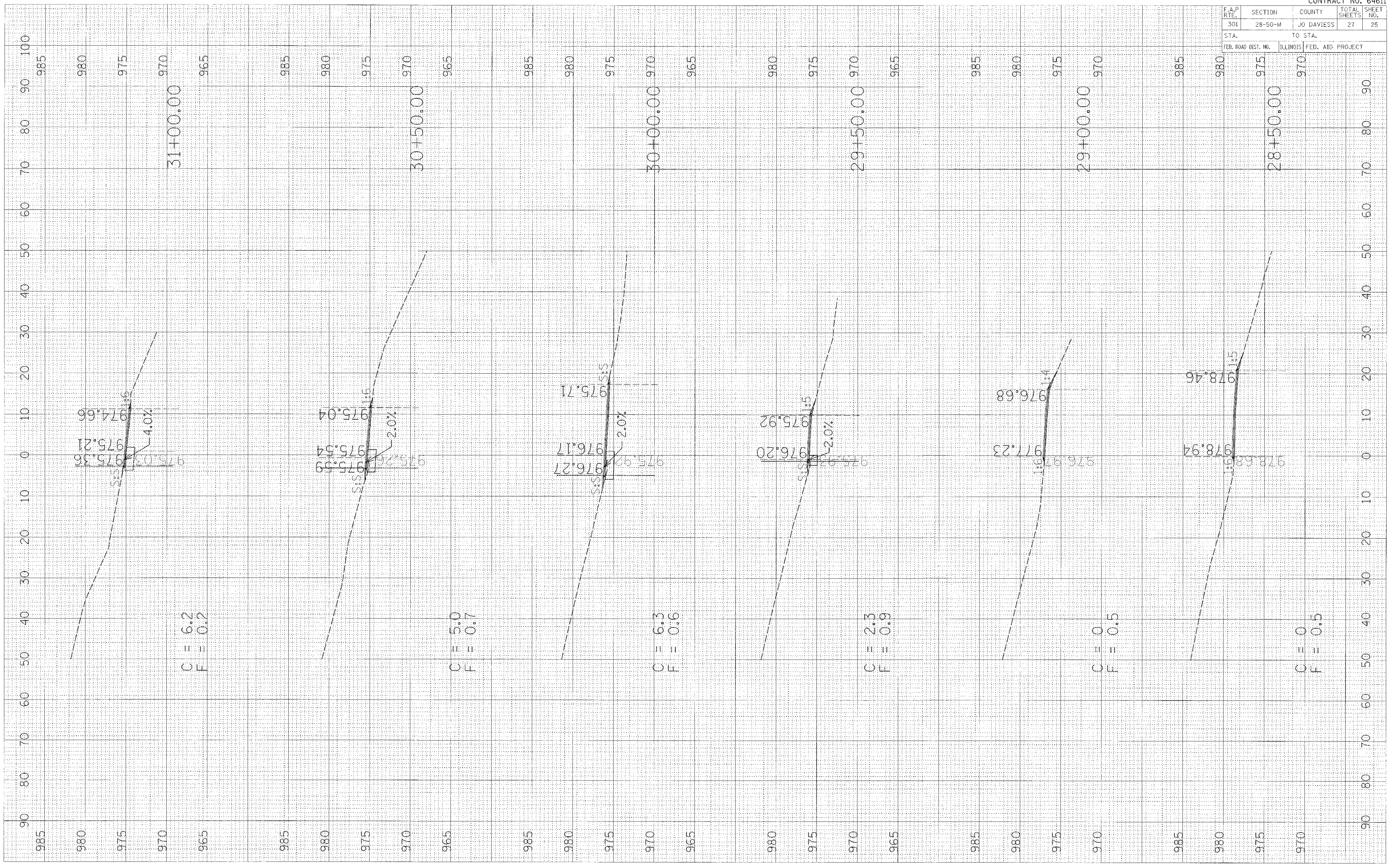


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	28-50-M	JO DAVIESS	27	25
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	FLOTTED		
	TEMP. AT		
	AREAS CHECKED		

PLOT DATE = 8/12/06
 PLOT SCALE = 1" = 40'
 PLOT WORK = ALL
 REFERENCE = ARCS

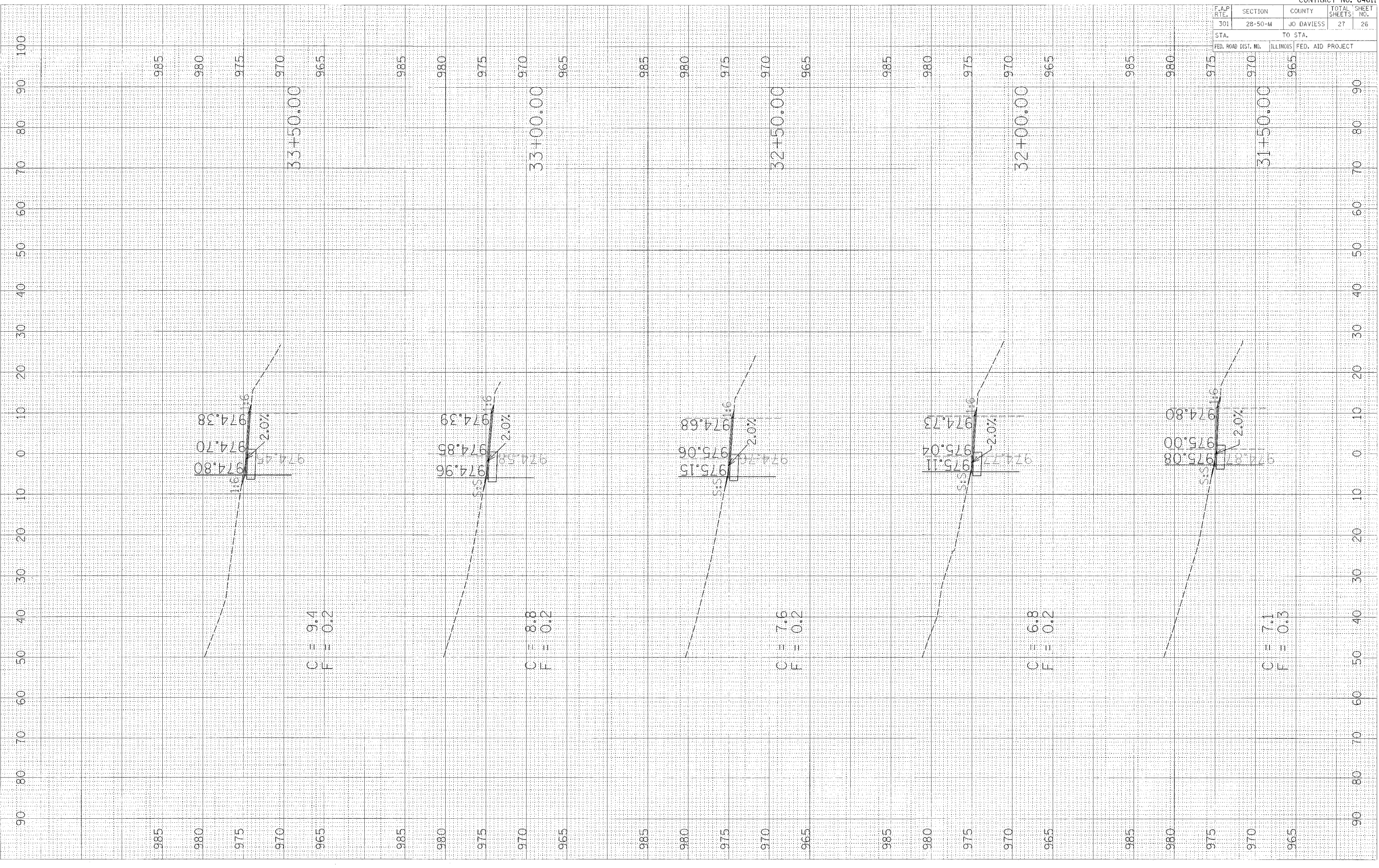


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	28-50-M	JO DAVIESS	27	26
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
AREAS CHECKED		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
AREAS CHECKED		

PLOT DATE = #DATE#
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 REFERENCE = #REF#



90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90

985 980 975 970 965 985 980 975 970 965 985 980 975 970 965 985 980 975 970 965 985 980 975 970 965

33+50.00

33+00.00

32+50.00

32+00.00

31+50.00

C = 9.4
F = 0.2

C = 8.8
F = 0.2

C = 7.6
F = 0.2

C = 6.8
F = 0.2

C = 7.1
F = 0.3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	28-50-M	JO DAVIESS	27	27
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY
 SURVEYED BY: _____ DATE: _____
 NOTE BOOK NO.: _____
 TEMPLATES: _____
 AREAS CHECKED: _____

ORIGINAL SURVEY
 SURVEYED BY: _____ DATE: _____
 NOTE BOOK NO.: _____
 TEMPLATES: _____
 AREAS CHECKED: _____

PLOT DATE = 8/24/05
 FILE NAME = 071183
 PLOT SCALE = 1"=40'-0"
 REFERENCE = 071183

