

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	21T-1	STEPHENSON	64	1

1/65

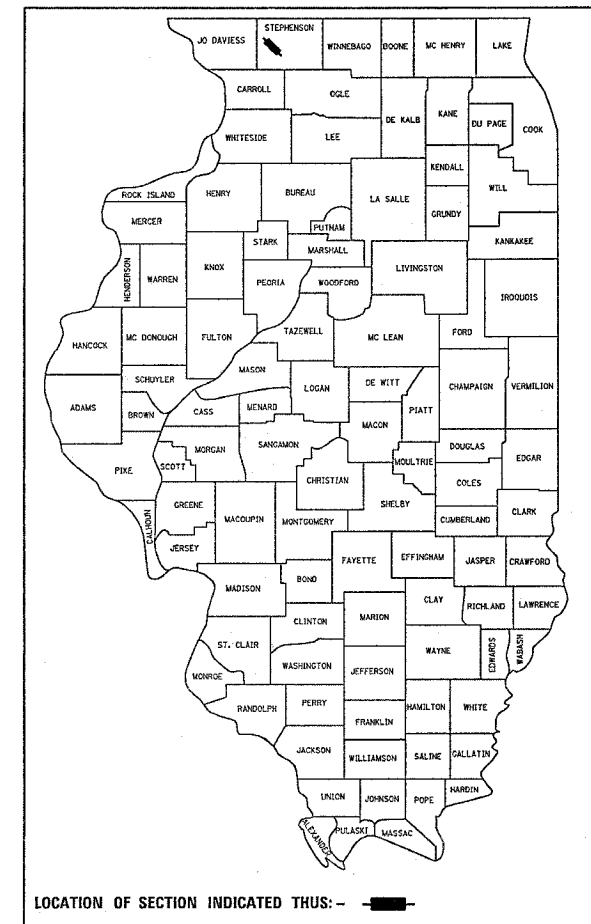
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

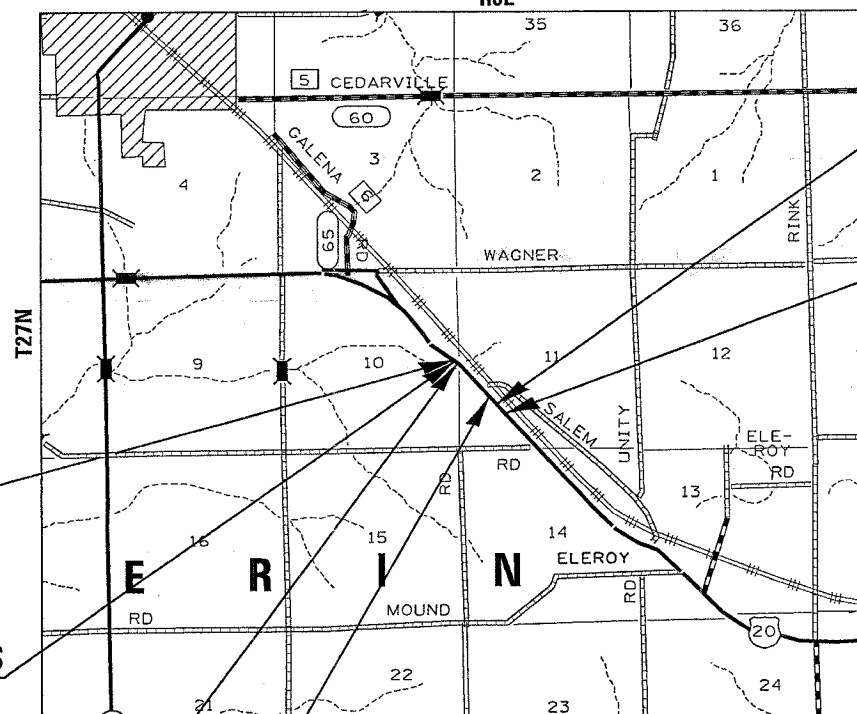
FAP ROUTE 301 (US 20)
SECTION 21T-1
PROJECT No NHF-0301(040)
STEPHENSON COUNTY
CULVERT REPLACEMENT & BITUMINOUS SHOULDERS

FOR INDEX OF SHEETS & STANDARDS, SEE SHEET NO. 2

D-92-111-05



C-92-113-06
R6E



SECTION ENDS
STA 389+00

IMPROVEMENT ENDS
STA 389+50

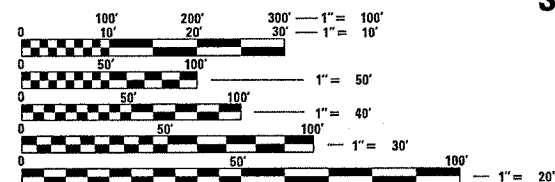
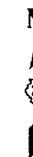
IMPROVEMENT BEGINS
STA 370+50

SECTION BEGINS
STA 373+50

CULVERT
STA 374+84.61

CULVERT
STA 385+50

GROSS LENGTH OF PROJECT = 1550 LIN. FT. = 0.29 MI.
NET LENGTH = 1550 LIN. FT. = 0.29 MI.



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

ERIN TOWNSHIP, SECTION 10,11
CONTRACT NO. 64B48

STEPHENSON COUNTY SECTION 21T-1 FAP ROUTE 301

SQUAD LEADER: TRACI HELFICH (815) 284-5932

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED December 15, 2006

Joseph E. Crown
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

February 2, 2007
Eric E. Harrel
INTERIM ENGINEER OF DESIGN AND ENVIRONMENT

February 20, 2007
Milton R. Sees, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

REGION 2 DISTRICT 2
DIXON

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	211-1	STEPHENSON	64	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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STATE STANDARDS

000001-04	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-01	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-03	TEMPORARY EROSION CONTROL SYSTEMS
420701-01	PAVEMENT FABRIC
442101-06	CLASS B PATCHES
482001-01	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
515001-02	NAME PLATES FOR BRIDGES
542406	METAL END SECTIONS FOR PIPE ARCHES
635001	DELINEATORS
666001	RIGHT-OF-WAY MARKERS
667101	PERMANENT SURVEY MARKERS
701006-02	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM EDGE OF PAVEMENT
701201-02	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-02	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-01	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-02	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701321-08	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER
701326-02	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH
702001-06	TRAFFIC CONTROL DEVICES
704001-03	TEMPORARY CONCRETE BARRIER
720011	METAL POST FOR SIGNS, MARKERS, AND DELINEATORS
728001	TELESCOPING STEEL SIGN SUPPORT
729001	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-01	TYPICAL PAVEMENT MARKINGS
781001-02	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
886001	DETECTOR LOOP INSTALLATIONS
886006	TYPICAL LAYOUT FOR DETECTION LOOPS

F.A.B. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
30L	21T-1	STEPHENSON	64	3
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM	UNITS	TOTAL
			80% Fed 20% State MINOR STRUCTURE Y007
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	115
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	91
20200100	EARTH EXCAVATION	CU YD	5916
* 25000210	SEEDING, CLASS 2A	ACRE	2
* 25000310	SEEDING, CLASS 4	ACRE	1
* 25000750	MOWING	ACRE	3
* 25100115	MULCH, METHOD 2	ACRE	3
25100630	EROSION CONTROL BLANKET	SQ YD	2332
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1148
28000300	TEMPORARY DITCH CHECKS	EACH	50
28000400	PERIMETER EROSION BARRIER	FOOT	450
28000500	INLET AND PIPE PROTECTION	EACH	1
35100100	AGGREGATE BASE COURSE, TYPE A	TON	47
35101400	AGGREGATE BASE COURSE, TYPE B	TON	125
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	284
40603345	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	29
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	12
42001200	PAVEMENT FABRIC	SQ YD	173
44200976	CLASS B PATCHES, TYPE IV, 10 INCH	SQ YD	173
* 44213200	SAW CUTS	FOOT	216
48101200	AGGREGATE SHOULDERS, TYPE B	TON	57

PLOT DATE = Wed Dec 28 09:26:49 2005
 FILE NAME = C:\Programs\AutoCAD\1185\1185.dwg
 REFERENCE = REF9

△ NON-PARTICIPATING * SPECIALTY ITEMS

SUMMARY OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	211-J	STEPHENSON	64	4
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM	UNITS	TOTAL
			80% Fed 20% State MINOR STRUCTURE Y007
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	2536
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1
50200400	ROCK EXCAVATION FOR STRUCTURES	CU YD	50
50800105	REINFORCEMENT BARS	POUND	17420
50800515	BAR SPLICERS	EACH	45
51500100	NAME PLATES	EACH	1
54003000	CONCRETE BOX CULVERTS	CU YD	86.1
54205470	PIPE CULVERTS, CLASS D, TYPE 1, EQUIVALENT ROUND-SIZE 15"	FOOT	60
54214290	END SECTIONS, EQUIVALENT ROUND-SIZE 15"	EACH	2
61100500	EXPLORATION TRENCH 52" DEPTH	FOOT	300
63200310	GUARDRAIL REMOVAL	FOOT	465
63500105	DELINEATORS	EACH	2
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	8
66700305	PERMANENT SURVEY MARKERS, TYPE II	EACH	2
67100100	MOBILIZATION	L SUM	1
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1
70106500	TRAFFIC TEMPORARY BRIDGE SIGNALS	EACH	1
70106700	TEMPORARY RUMBLE STRIP	EACH	12

* SPECIALTY ITEMS

SUMMARY OF QUANTITIES

PLOT DATE = Wed Dec 28 09:28:53 2006
 FILE NAME = C:\p\c\m\1105\1105.dgn
 PLOT SCALE = 300000 / IN.
 REFERENCE = 01185

F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	211-3	STEPHENSON	64	5
STA.	TO STA.			
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM	UNITS	TOTAL
			80% Fed 20% State MINOR STRUCTURE Y007
		CAL MO	2
70106800	CHANGEABLE MESSAGE SIGN	FOOT	387
70300100	SHORT-TERM PAVEMENT MARKING		
		FOOT	2004
70300520	PAVEMENT MARKING TAPE, TYPE III 4"		
		FOOT	24
70300570	PAVEMENT MARKING TAPE, TYPE III 24"		
		SQ FT	822
70301000	WORK ZONE PAVEMENT MARKING REMOVAL		
		FOOT	275
70400100	TEMPORARY CONCRETE BARRIER		
		FOOT	275
70400200	RELOCATE TEMPORARY CONCRETE BARRIER		
		FOOT	10756
* 78001110	PAINT PAVEMENT MARKING - LINE 4"		
		EACH	2
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER		
		SQ FT	682
78300100	PAVEMENT MARKING REMOVAL		
		EACH	2
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL		
		TON	108.4
Z0005400	BREAKER-RUN CRUSHED STONE		
		L SUM	1
Z0013798	CONSTRUCTION LAYOUT		
		CU YD	29
Z0028700	GRANULAR SUBGRADE REPLACEMENT		
		EACH	2
** Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3		
		EACH	2
** Z0030350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3		
		L SUM	1
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE		
		EACH	18
Z0075300	TIE BARS		
		EACH	14
* A2007814	TREE, TILIA AMERICANA (AMERICAN LINDEN/BASSWOOD), 1-3/4" CALIPER, BALLED AND BURLAPPED		
		SQ YD	572
XX004900	TURF REINFORCEMENT MAT		
		SQ FT	286
X0323988	TEMPORARY SOIL RETENTION SYSTEM		

*SPECIALTY ITEMS
 ** IMPACT ATTENUATORS FUNCTION CODE SAFTY-3N

PLOT DATE = Wed Dec 28 09:27:05 2006
 PLOT SCALE = 50.0000' / IN.
 REFERENCE = REF#

GENERAL NOTES

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 301 (US 20)	21T-1	Stephenson	64	6
FED ROAD DIST. NO.	ILLINOIS	PROJECT		
Contract #64B48				

See cross sections for special ditches and backslopes.

The removal of Bituminous Surfacing not on a rigid type base removed in conjunction with the base shall be removed as EARTH EXCAVATION. The removal of Bituminous Surfacing on a rigid type base removed in conjunction with the base shall be included in the contract unit price for PAVEMENT REMOVAL of the type specified.

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.

The Contractor shall seed all disturbed areas within the project limits. Seeding Class 4 or 2A shall be used, except in front of properties where the grass will be mowed, then use Seeding, Class 1. Class 2A shall be used on front slopes and ditch bottoms. Class 4 shall be used behind Type A gutter, on all backslopes and areas behind the backslope, and beyond the toe of front slope on fill sections without ditches.

Fertilizer Nutrients shall be applied at the rate specified in Sections 250 and 252 of the Standard Specifications. This shall be included in the cost of the SEEDING or SODDING.

Previously pugmilled stockpiles of "Type A" older than 1 month will not be approved for use until a moisture check is run to verify moisture content. Material shipped to projects without being tested will not be accepted.

Placement and compaction of the backfill for AR culverts shall conform to Section 502.10 of the Standard Specifications, except that the material shall conform to Article 208.02 of the Standard Specifications, and shall be compacted to a minimum of 95% of the standard laboratory density. Any material conforming to the requirements of Article 1003.04 or 1004.05 which has been excavated from the trenches shall be used for backfilling the trenches. The entire excavation, within 2 feet outside of each shoulder, shall be backfilled with trench backfill material to the bottom of the proposed subgrade. This trench backfill material will not be measured for payment, but shall be included in the contract unit price for the class of concrete involved or other unit price item of the work for which it is required.

Closed expansion joints on jointed pavements shall be re-established during the patching operations. Class B Patches - when the pavement requires patching at the location of the expansion joint, a new joint should be established using a dowelled expansion patch as shown on Highway Standard 442101. When the joint is closed, but does not require patching, an expansion joint may be formed by sawing the pavement and filling the saw cut with a preformed expansion joint filler meeting the requirements of Section 1051 of the Standard Specifications as shown on Standard 420001.

All mandatory joint sealing for Class A, Class B, and Class B (Hinge Jointed) patches as shown on the plans will not be measured for payment. Optional sawing of the joint for the sealant reservoir will not be measured for payment.

For all concrete patching that will not be resurfaced, the concrete shall be struck off flush with the existing pavement surface at each end of the patch.

The Engineer reserves the right to check all patches for smoothness by the use of a 10' rolling straight edge set to a 3/16" tolerance in the wheel paths. Any patch areas higher than 3/16" must be ground smooth with an approved grinding device consisting of multiple saws. The use of bushhammer or other impact devices will not be permitted. Any patch with depressions greater than 3/16" shall be repaired in a manner approved by the Engineer.

The mandatory saw cuts for pavement patching are:

Class A Patch: Cut two transverse saw cuts at each end of the patch; one full depth and one partial depth. The longitudinal edges of the patch shall be cut full depth. When the patch is adjacent to a pcc shoulder, two saw cuts along the shoulder will be required.

Class B Patch: Cut two transverse saw cuts outlining the patch and one transverse pressure relief saw cut. The longitudinal edges of the patch shall be cut full depth. When the patch is adjacent to a pcc shoulder, two saw cuts along the shoulder will be required.

The mandatory saw cuts will be paid for at the contract unit price per Meter (Foot) for SAW CUTS.

The minimum patch dimension for full-depth patches will be 1.2 m (four feet) and half-lane width. Half-lane patches shall be confined to the outside edges of the pavement.

Cost of removal and disposal of material from the temporary patch shall be included in AGGREGATE BASE COURSE, TYPE B.

The following Mixture Requirements are applicable for this project:

Mixture Uses(s):	Surface	Top Shoulder	Bottom Shoulder
PG:	PG 64-22	PG 58-22	PG 58-22
Design Air Voids	4.2 @ N90	3 @ N50	2 @ N50
Mixture Composition (Gradation Mixture)	IL 9.5 or 12.5	IL 9.5 or 12.5	BAM
Friction Aggregate	D	C	N/A
20 Year ESAL	12.2	N/A	N/A

The new number for this structure will be SN 089-1200 at Sta. 374+84.61.

The review and approval of temporary soil retention system will require 4 to 6 weeks. The Contractor shall schedule his work accordingly.

The boring logs for this structure indicate that groundwater levels may encroach on the construction limits of this culvert. It shall be the responsibility of the contractor to control the ground water and divert the stream flow during construction in order to keep the construction area free of water. The method of controlling the water shall be subject to approval of the Engineer and the cost shall be included in the contract unit price for Concrete Box Culverts.

Culvert & bridge flows must be maintained throughout the project. Normal flow shall be allowed to pass at the rate it enters the jobsite. High flows shall be allowed to pass without causing damage to upstream properties.

A Precast Box Culvert is not an option on the project due to soil conditions.

The Contractor shall remove all entrance culverts in condition for reuse which are not to be left in place. They shall be cleaned and stored along the right of way as directed. In no case shall they be roughly handled or shoved by heavy machinery. Unusable material shall be disposed of by the Contractor at his expense. Cost of the work to be included in the contract unit price for EARTH EXCAVATION.

Program #5
(Arch. Size)
Enlarge
200%
Enlarge 107%

GENERAL NOTES

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 301 (US 20)	21T-1	Stephenson	64	7
FED ROAD DIST. NO.	ILLINOIS	PROJECT		
Contract #64B48				

The proposed pipes for entrances and side roads shall be placed in line with the existing or proposed ditch line.

Where field tile is encountered, storm sewer or pipe drain will be used in accordance with Section 611. The minimum size for replacement will be 150 mm (6") for Pipe Drains and 200 mm (8") for Storm Sewer, but the size must be at least 50 mm (2") larger than the adjoining tile. A Field Tile Junction Vault will be constructed at the right of way to connect the tile and storm sewer.

The excavated materials from earth excavation widening, grading and shaping ditches, and excavating and grading shoulders shall be used to build up the shoulder throughout the job to conform with the typical sections as shown on the plans.

The waste from the excavated materials shall be taken to the Eleroy Maintenance Yard. Contact Colby Arids, Field Engineer, by email at ardiscv@dot.il.gov, and Chuck Johnson, Operations Maintenance Engineer, by email at johnsonch@dot.il.gov, prior to transporting the materials to get the exact location. The cost of transporting the excavated material shall be included in the contract unit price for EARTH EXCAVATION.

Delineators shall be installed as shown in Standard 635001, except that the post shall be rotated 180° and only metal-backed delineators shall be permitted.

Delineators shall be placed at the ends of approach guardrail terminal sections, and at each headwall or end section of AR Culverts. This work will be paid for at the contract unit price each for DELINEATORS.

Pavement Marking shall be done according to Standard 780001, except as follows:

1. All words, such as ONLY, shall be 2.4 m (8 feet) high.
2. All non-freeway arrows shall be the large size.
3. The distance between yellow no-passing lines shall be 200 mm (8"), not 180 mm (7") as shown in the detail of Typical Lane and Edge Lines.

PERMANENT SURVEY MARKERS, TYPE II, shall be set at intervals of 1.6 Km (1 mile) or as directed by the Engineer. Bridge or culvert projects shall have one survey marker placed near the structure. Estimated: 2 Each.

Permanent Survey Markers, Type II shall be cast-in-place as shown on Highway Standard 667101.

The Contractor shall submit to the Engineer a description of location, elevation, and coordinates for each permanent survey marker. The Engineer shall submit this information to the Survey Crew.

Aggregate Base Course, Type B, is provided in the plan quantities and shall be used only as needed when directed by the Engineer.

Right-of-way markers will be erected with the back face of the marker on the right-of-way line unless the new right-of-way line has been surveyed and pinned, in which instance the right-of-way markers will be erected 300 mm (12 inches) inside the new right-of-way line.

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:

Commonwealth Edison Co.

Verizon

The applicable portions of Article 105.07 of the Standard Specification shall apply except for the following: The Contractor shall be responsible to locate the vertical depths of the underground utilities which may interfere with construction operations. This work will not be measured or paid for separately, but shall be considered as included in the unit bid price for the item of construction involved.

Per SB 699 (90 day utility relocation law), once right-of-way is clear to award the project, a notice will be sent to the utility companies instructing them to have their facilities relocated within 90 days. Estimated date relocation complete = Letting Date + 135 days.

Tie bars shall be installed to tie PCC appurtenance to adjacent existing concrete pavement.

Tie the following to the existing <u>concrete pavement</u>		Length, size, and spacing of Tie Bars
Class B Patches	Std. 442101	600 mm (24") long No. 19 (No. 6) @ 750 mm (24") centers

Tie bars to be installed in accordance with the applicable portions of Article 442.06(a)(2) of the Standard Specifications. See Highway Standard 420001 for detail on longitudinal construction joint grouted-in-place tie bar.

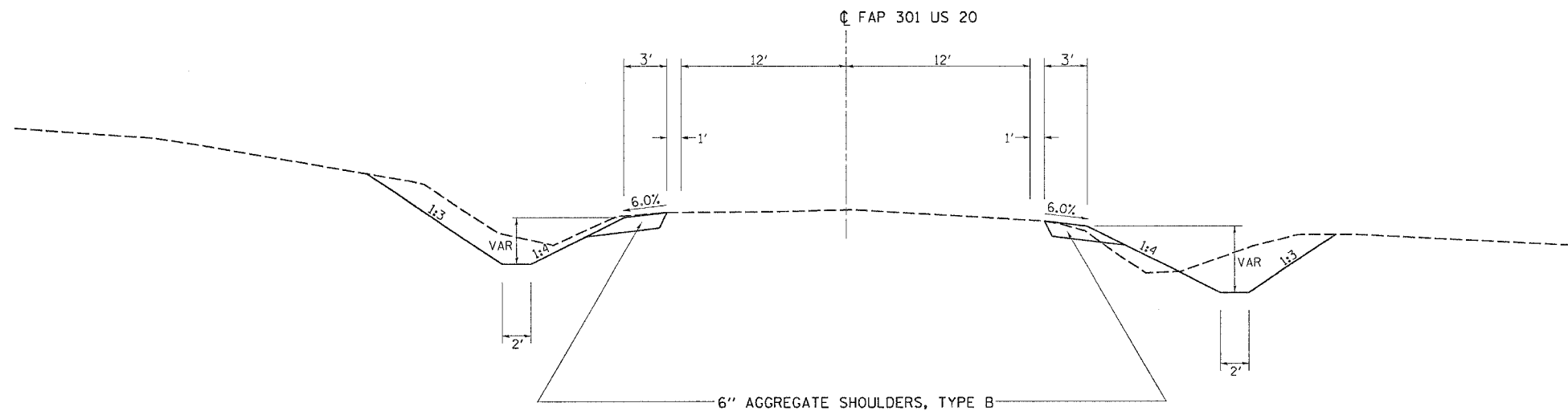
CADD data will be available to Contractors and Consultants working on this project. This information will be provided upon request as MicroStation CADD files and Geopak coordinate geometry files ONLY. If data is required in other formats it will be your responsibility to make these conversions. If any 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.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	21T-1	STEPHENSON	64	8
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

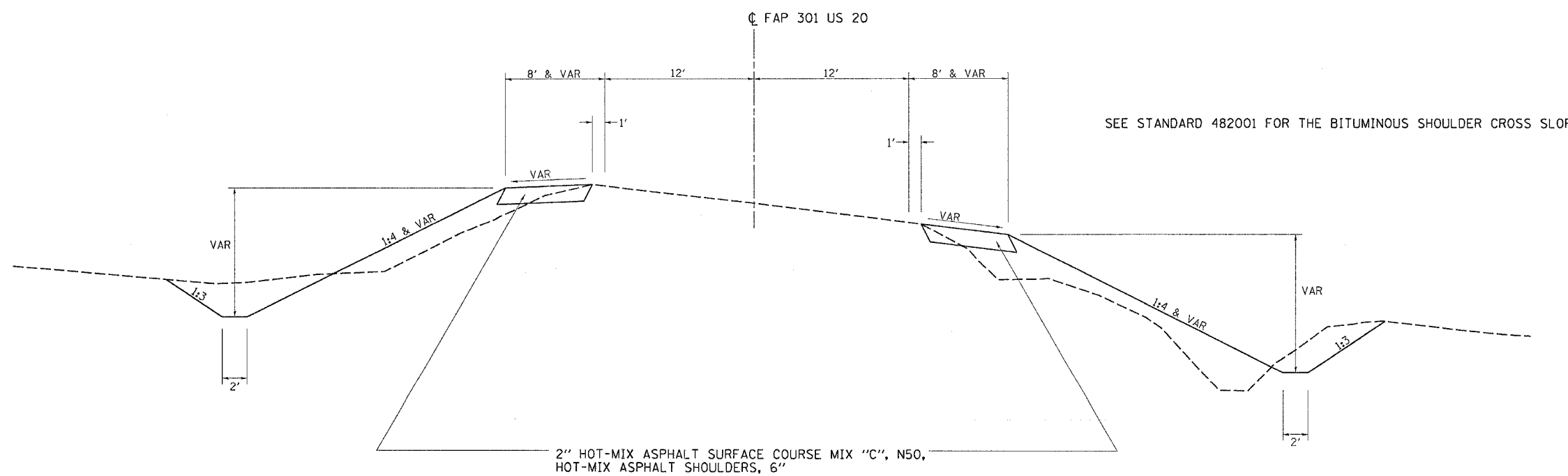
TYPICAL SECTION

SECTION 21T-1, STEPHENSON COUNTY, P92-111-05

STA 370+50 - STA 373+00 LT
 STA 371+50 - STA 373+00 RT



STA 373+00 - STA 374+67.12
 STA 375+02.12 - STA 389+37
 STA 385+62 - STA 389+50

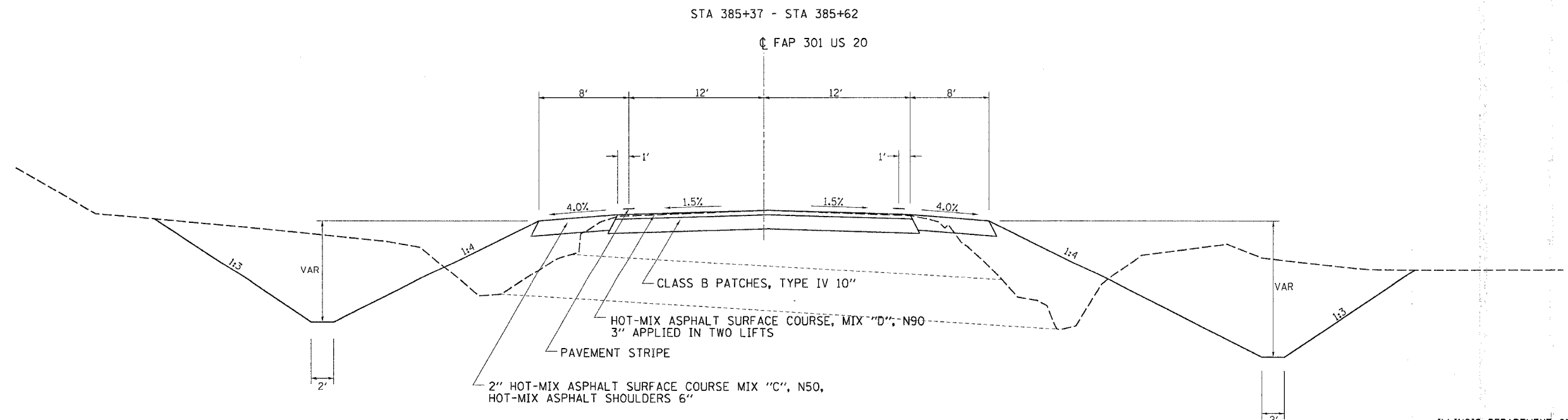
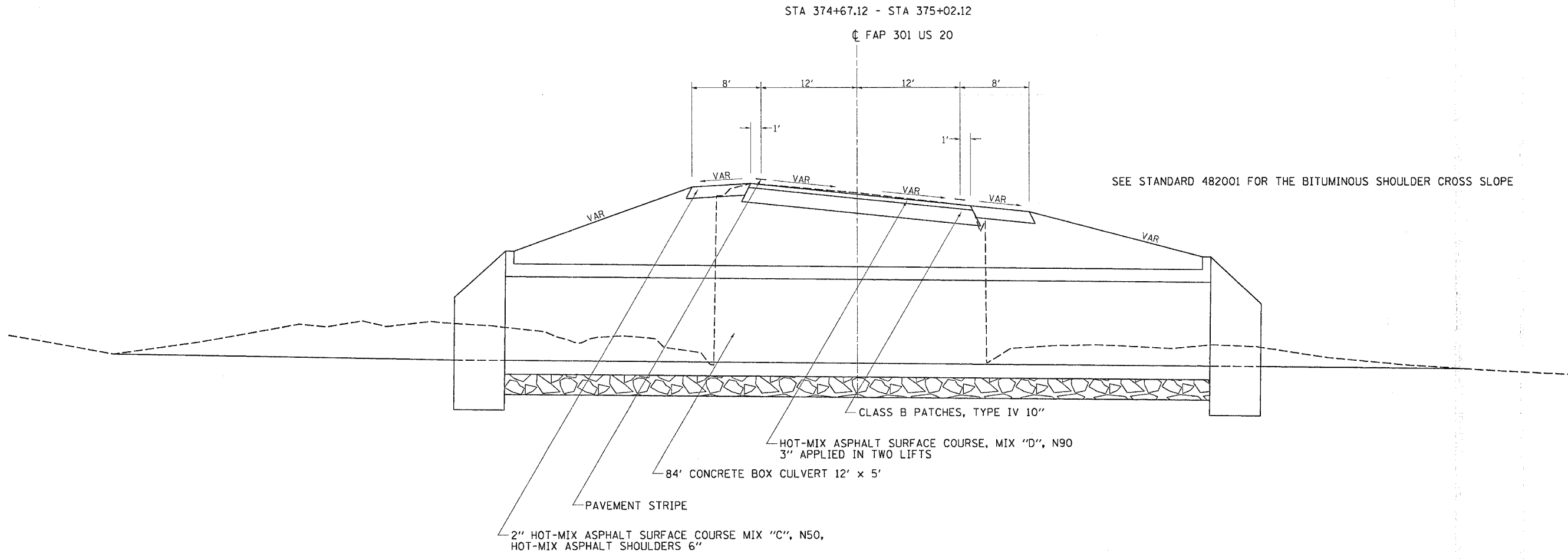


PLT DATE = Mon, Dec 11 09:51:48 2006
 PLOT SCALE = 50.0000 / IN.
 REFERENCE = REF#

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	21T-1	STEPHENSON	64	9
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

TYPICAL SECTION

SECTION 21T-1, STEPHENSON COUNTY, P92-111-05



PLOT DATE = Mon Dec 11 09:18:48 2006
 PLOT SCALE = 50.0000" = 1"
 REFERENCE = #REF#

SCHEDULE OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-30L	2LT-1	STEPHENSON	64	10
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		

20100110 TREE REMOVAL (6 TO 15 UNITS DIAMETER)

UNIT	LOCATION	OFFSET	REMARKS
11	374+47	69' LT	
15	374+59	66' LT	
11	374+91	49' LT	
12	374+92	47' LT	
10	374+95	43' LT	
13	374+95	43' LT	
9	374+95	66' LT	
9	375+00	78' LT	
12	375+02	47' LT	
13	375+94	48' LT	
<hr/>			
115	TOTAL		

20100210 TREE REMOVAL (OVER 15 UNITS DIAMETER)

UNIT	LOCATION	OFFSET	REMARKS
26	374+41	64' LT	
28	374+42	68' LT	
19	374+64	69' LT	
18	375+93	43' LT	
<hr/>			
91	TOTAL		

20200100 EARTH EXCAVATION

CUL. YD.	LOCATION	TO	OFFSET	REMARKS
5916	370+00	389+50	LT & RT	
<hr/>				
5916	TOTAL			

25000210 SEEDING CLASS 2A

ACRE	LOCATION	TO	OFFSET	REMARKS
0.9	370+00	389+50	LT	FORESLOPES
1.0	370+00	389+50	RT	FORESLOPES
<hr/>				
2.0	TOTAL			

25000310 SEEDING CLASS 4

ACRE	LOCATION	TO	OFFSET	REMARKS
0.56	370+00	389+50	LT	BACKSLOPES
0.41	370+00	389+50	RT	BACKSLOPES
<hr/>				
0.97	TOTAL			

25000750 MOWING

ACRE	LOCATION	TO	OFFSET	REMARKS
1.46	370+00	389+50	LT	
1.41	370+00	389+50	RT	
<hr/>				
2.87	TOTAL			

25100115 MULCH METHOD 2

ACRE	LOCATION	TO	OFFSET	REMARKS
1.46	370+00	389+50	LT	
1.41	370+00	389+50	RT	
<hr/>				
2.87	TOTAL			

25100630 EROSION CONTROL BLANKET

SQ. YD.	LOCATION	TO	OFFSET	REMARKS
1150	372+50	384+00	LT	
950	373+00	382+50	RT	
232	387+18	389+50	LT	
<hr/>				
2332	TOTAL			

28000250 TEMPORARY EROSION CONTROL SEEDING

POUND	LOCATION	TO	OFFSET	REMARKS
1148	370+00	389+50	LT & RT	4 APPLICATIONS IF APPLICABLE
<hr/>				
1148	TOTAL			

28000300 TEMPORARY DITCH CHECKS

EACH	LOCATION	TO	OFFSET	REMARKS
1	371+50		RT	
9	372+50	375+00	LT	30' SPACING
7	373+00	374+84.6	RT	30' SPACING
13	375+00	384+00	LT	75' SPACING
11	374+84.6	382+50	RT	75' SPACING
4	387+18	389+50	LT	75' SPACING
1	384+00		RT	
1	385+50		RT	
1	385+50		LT	
1	387+00		RT	
1	388+50		RT	
<hr/>				
50	TOTAL			

28000400 PERIMETER EROSION BARRIER

EQFT	LOCATION	TO	OFFSET	REMARKS
300	374+50	375+50	LT	
75	374+50		RT	
75	375+50		RT	
<hr/>				
450	TOTAL			

28000500 INLET AND PIPE PROTECTION

EACH	LOCATION	OFFSET	REMARKS
1	370+58.0	LT	
<hr/>			
1	TOTAL		

35100100 AGGREGATE BASE COURSE TYPE A

TON	LOCATION	TO	OFFSET	REMARKS
47	373+00.0	376+50.0	LT	Assume 4" build up for Stage I
<hr/>				
47	TOTAL			

35101400 AGGREGATE BASE COURSE TYPE B

TON	LOCATION	TO	OFFSET	REMARKS
63	370+88		LT	FE (8" THICKNESS)
31	385+37	385+62		10" Thickness 13' x 25' Temporary Patch
31	385+37	385+62		10" Thickness 13' x 25' Temporary Patch
<hr/>				
125	TOTAL			

40603310 HOT MIX ASPHALT SURFACE COURSE MIX "C" N 50

TON	LOCATION	TO	OFFSET	REMARKS
128	373+00	389+50	LT	Leave 3.5' Shoulder for Stage II except patch area
15	373+50	376+50	LT	3.5' Shoulder for Temp Pavement/Stage I
141	373+00	389+50	RT	
<hr/>				
284	TOTAL			

40603345 HOT MIX ASPHALT SURFACE COURSE MIX "D" N 90

TON	LOCATION	TO	OFFSET	REMARKS
17	374+67.12	375+02.12		3" applied in 2 lifts
12	385+37	385+62		3" applied in 2 lifts
<hr/>				
29	TOTAL			

40800050 INCIDENTAL HOT-MIX SURFACING

TON	LOCATION	TO	OFFSET	REMARKS
6	385+37	385+62		3" Thickness 13' x 25' Temporary Patch
6	385+37	385+62		3" Thickness 13' x 25' Temporary Patch
<hr/>				
12	TOTAL			

42001200 PAVEMENT FABRIC

SQ. YD.	LOCATION	TO	OFFSET	REMARKS
101	374+67.12	375+02.12		
72	385+37	385+62		
<hr/>				
173	TOTAL			

44200976 CLASS B PATCHES TYPE IV 10 INCH

SQ. YD.	LOCATION	TO	OFFSET	REMARKS
101	374+67.12	375+02.12		
72	385+37	385+62		
<hr/>				
173	TOTAL			

44213200 SAW CUTS

EQFT	LOCATION	TO	OFFSET	REMARKS
113	374+67.12	375+02.12		
103	385+37	385+62		
<hr/>				
216	TOTAL			

48101200 AGGREGATE SHOULDERS TYPE B

TON	LOCATION	TO	OFFSET	REMARKS
31	371+16	373+00	LT	6" THICKNESS
26	371+50	373+00	RT	6" THICKNESS
<hr/>				
57	TOTAL			

48203021 HOT MIX ASPHALT SHOULDERS 6"

SQ. YD.	LOCATION	TO	OFFSET	REMARKS
1144	373+00	389+50	LT	Leave 3.5' Shoulder for Stage II except patch area
136	373+00	376+50	LT	3.5' Shoulder for Temp Pavement/Stage I
1256	373+00	389+50	RT	
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2536	TOTAL			

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SCHEDULE OF QUANTITIES

F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
30L	2LT-1	STEPHENSON	64	11
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

50100300 REMOVAL OF EXISTING STRUCTURE NO.1

EACH	LOCATION	OFFSET
1	374+84.6	
1	TOTAL	

REMARKS
12' X 7' Box Culvert

50100400 REMOVAL OF EXISTING STRUCTURE NO.2

EACH	LOCATION	OFFSET
1	385+50	
1	TOTAL	

REMARKS
3' X 2' Box Culvert

50200400 ROCK EXCAVATION FOR STRUCTURES

CY	LOCATION	OFFSET
50	374+85	
50	TOTAL	

REMARKS
USE IF APPLICABLE

54205470 PIPE CULVERTS, CLASS D, TYPE I, EQUIVALENT ROUND-SIZE 15"

FOOT	LOCATION	TO	OFFSET
60	370+58	371+18	LT
60	TOTAL		

REMARKS
FE

54214290 END SECTIONS, EQUIVALENT ROUND-SIZE 15"

EACH	LOCATION	OFFSET
1	370+58	LT
1	371+18	LT
2	TOTAL	

REMARKS
FE

61100500 EXPLORATION TRENCH 52" DEPTH

FOOT	LOCATION	TO	OFFSET
100	374+35	375+35	LT
100	374+35	375+35	RT
50	385+25	385+75	LT
50	385+25	385+75	RT
300	TOTAL		

REMARKS

63200310 GUARDRAIL REMOVAL

FOOT	LOCATION	TO	OFFSET
85	374+40	375+25	RT
250	374+40	376+80	LT
65	385+08	385+73	RT
65	385+25	385+90	LT
465	TOTAL		

REMARKS
Inside curve
Outside Curve

63500105 DELINEATORS

EACH	LOCATION	OFFSET
2	374+84.6	LT & RT
2	TOTAL	

REMARKS

66600105 FURNISHING AND ERECTING RIGHT OF WAY MARKERS

EACH	LOCATION	OFFSET
1	372+00	33' LT
1	372+00	33' RT
1	374+00	65' RT
1	374+34	105.41' LT
1	377+00	60' RT
1	378+00	60' RT
1	389+00	60' RT
1	390+00	33' RT
8	TOTAL	

REMARKS

66700305 PERMANENT SURVEY MARKERS, TYPE II

EACH	LOCATION	OFFSET
2	ENTIRE JOB	
2	TOTAL	

REMARKS

70106700 TEMPORARY RUMBLE STRIP

EACH	LOCATION	OFFSET
1	339+60.9	
1	344+60.9	
1	349+60.9	
1	354+60.9	
1	359+60.9	
1	364+60.9	
1	385+08.3	
1	390+08.3	
1	395+08.3	
1	400+08.3	
1	405+08.3	
1	410+08.3	
12	TOTAL	

REMARKS

70106800 CHANGEABLE MESSAGE SIGN

CAL. MO.	LOCATION	OFFSET
1	BEGINNING OF PROJECT	
1	END OF PROJECT	
2	TOTAL	

REMARKS

70300100 SHORT-TERM PAVEMENT MARKING

FOOT	LOCATION	TO	OFFSET
57	371+73.5	377+45.2	CL
330	373+00.0	389+50.0	RT & LT
387	TOTAL		

70300520 PAVEMENT MARKING TAPE, TYPE III 4"

FOOT	LOCATION	TO	OFFSET
627.3	371+70.9	377+98.2	RT
350.0	373+00.0	376+50.0	LT
626.9	371+71.2	377+98.1	LT
400.0	373+00.0	377+00.0	RT
2004.2	TOTAL		

REMARKS
STAGE I (WHITE)
STAGE I (WHITE)
STAGE II (WHITE)
STAGE II (WHITE)

70300570 PAVEMENT MARKING TAPE, TYPE III 24"

FOOT	LOCATION	TO	OFFSET
12	371+61.2		RT
12	378+08.0		LT
24	TOTAL		

REMARKS

70301000 WORK ZONE PAVEMENT MARKING REMOVAL

SO FT	LOCATION	OFFSET
431.6	Stage I	
342.3	Stage II	
48.0	Stop Bars	
821.9	TOTAL	

REMARKS

70400100 TEMPORARY CONCRETE BARRIER

FOOT	LOCATION	TO	OFFSET
275	373+47	376+22	
275	TOTAL		

REMARKS
STAGE I

70400200 RELOCATE TEMPORARY CONCRETE BARRIER

FOOT	LOCATION	TO	OFFSET
275	373+48	376+22	
275	TOTAL		

REMARKS
STAGE II

78001110 PAINT PAVEMENT MARKING - LINE 4"

FOOT	LOCATION	TO	OFFSET
7600	370+50	389+50	RT & LT
2520	370+50	376+80	CL
636	376+80	389+50	CL
10756	TOTAL		

REMARKS
white edge lines (2 applications)
Double Yellow (2 applications)
yellow skip dash (2 applications)

78100100 RAISED REFLECTIVE PAVEMENT MARKER

EACH	LOCATION	OFFSET
1	374+85	
1	385+50	
2	TOTAL	

REMARKS

78300100 PAVEMENT MARKING REMOVAL

SO FT	LOCATION	TO	OFFSET
431.6	371+60.9	378+08.3	CL
116.7	373+00.0	376+50.0	LT
133.3	37+00.0	377+00.0	RT
681.6	TOTAL		

REMARKS
STAGE I - Double Yellow
STAGE I - white edge line
STAGE II - white edge line

78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

EACH	LOCATION	OFFSET
1	374+84.6	
1	385+50	
2	TOTAL	

REMARKS

Z0005400 BREAKER-RUN CRUSHED STONE

TON	LOCATION	OFFSET
108.4	374+84.6	
108.4	TOTAL	

REMARKS
(12") 17'x 84' UNDER CULVERT & END SECTIONS

F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	211-J	STEPHENSON	64	12
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

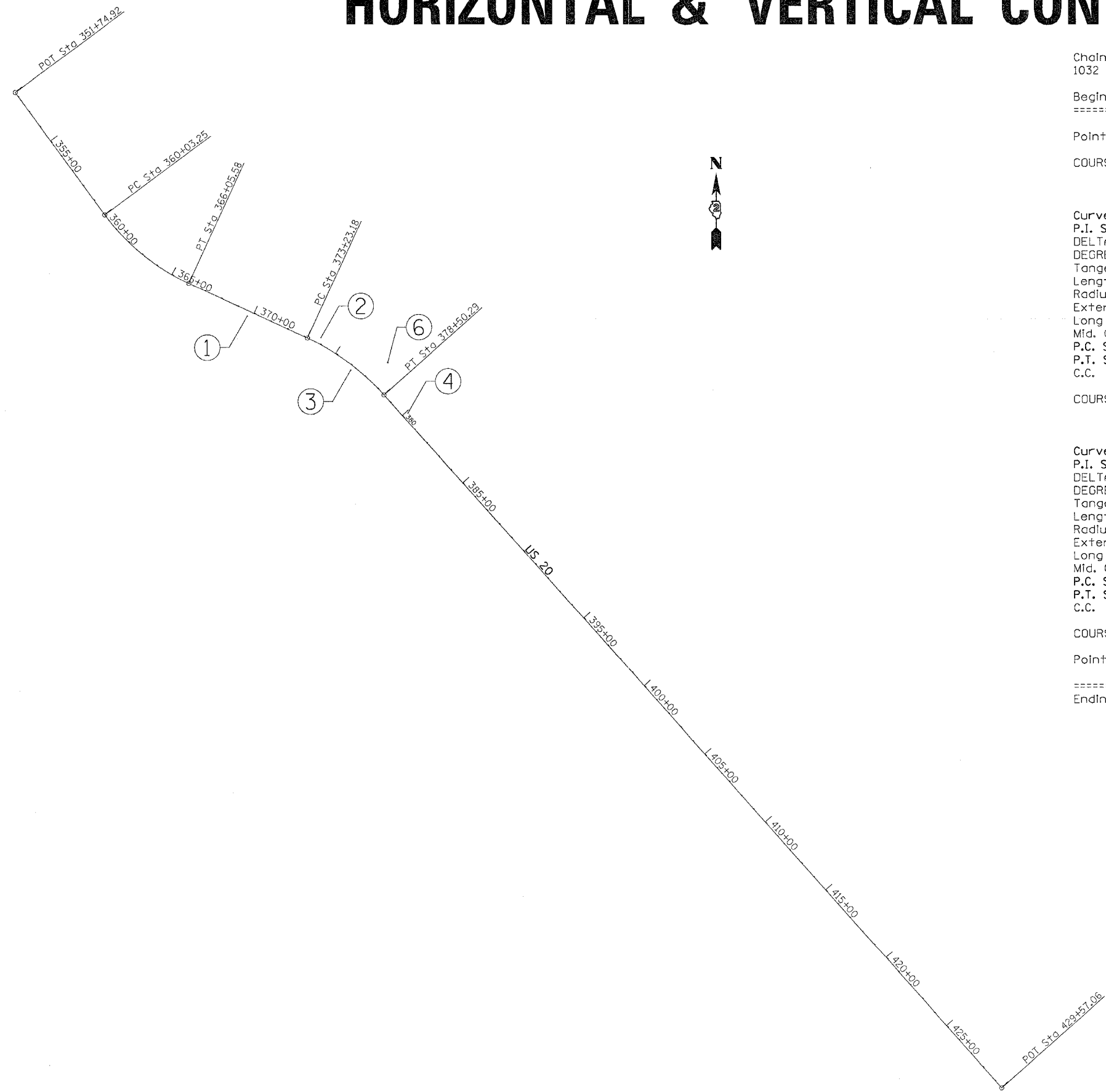
SCHEDULE OF QUANTITIES

Z0028700	GRANULAR SUBGRADE REPLACEMENT				
	CU_YD	LOCATION	OFFSET	REMARKS	
	17	374+84.6		26'x35' UNDER PATCH	
	12	385+50		26'x25' UNDER PATCH	
	29 TOTAL				
Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3				
	EACH	LOCATION	OFFSET	REMARKS	
	1	373+47.3	4' RT	STAGE I	
	1	376+22	4' RT	STAGE I	
	2 TOTAL				
Z0030350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3				
	EACH	LOCATION	OFFSET	REMARKS	
	1	373+58.7	5.87' LT	STAGE II	
	1	376+22	5.35' LT	STAGE II	
	2 TOTAL				
Z0075300	TIE BARS				
	EACH	LOCATION	OFFSET	REMARKS	
	18	374+67.12 TO 375+02.12			
XX004900	TURF REINFORCEMENT MAT				
	SQ_YD	LOCATION	OFFSET	REMARKS	
	333	374+84.6	LT	12' Streambed and 1:4 & Var Slopes	
	239	374+84.6	RT	12' Streambed and 1:4 & Var Slopes	
	572 TOTAL				
X0323988	TEMPORARY SOIL RETENTION SYSTEM				
	SQ_FT	LOCATION	OFFSET	REMARKS	
	286	374+58.6 TO 375+10.6			
	286 TOTAL				

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	21T-1	STEPHENSON	64	13
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

HORIZONTAL & VERTICAL CONTROL



Chain US20 contains:
1032 CUR 200 CUR 210 1044

Beginning chain US20 description
=====

Point 1032 N 2,071,547.76 E 2,397,191.62 Sta 351+74.92

COURSE FROM 1032 TO PC 200 143° 35' 35.8647" DIST 828.33'

Curve Data

Curve 200
P.I. Station 363+10.92 N 2,070,633.48 E 2,397,865.85
DELTA = 28° 47' 40.9867" (LT)
DEGREE = 4° 46' 50.1246"
Tangent = 307.67'
Length = 602.33'
Radius = 1,198.51'
External = 38.86'
Long Chord = 596.01'
Mid. Ord. = 37.64'
P.C. Station 360+03.25 N 2,070,881.10 E 2,397,683.24
P.T. Station 366+05.58 N 2,070,504.44 E 2,398,145.14
C.C. N 2,071,592.43 E 2,398,647.83

COURSE FROM PT 200 TO PC 210 114° 47' 54.8780" DIST 717.60'

Curve Data

Curve 210
P.I. Station 375+90.52 N 2,070,091.32 E 2,399,039.26
DELTA = 23° 35' 12.3763" (RT)
DEGREE = 4° 28' 28.9268"
Tangent = 267.34'
Length = 527.11'
Radius = 1,280.44'
External = 27.61'
Long Chord = 523.40'
Mid. Ord. = 27.03'
P.C. Station 373+23.18 N 2,070,203.46 E 2,398,796.57
P.T. Station 378+50.29 N 2,069,891.45 E 2,399,216.80
C.C. N 2,069,041.09 E 2,398,259.51

COURSE FROM PT 210 TO 1044 138° 23' 07.2543" DIST 5,106.77'

Point 1044 N 2,066,073.48 E 2,402,608.30 Sta 429+57.06

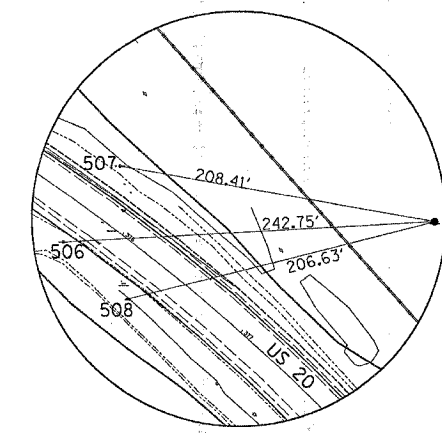
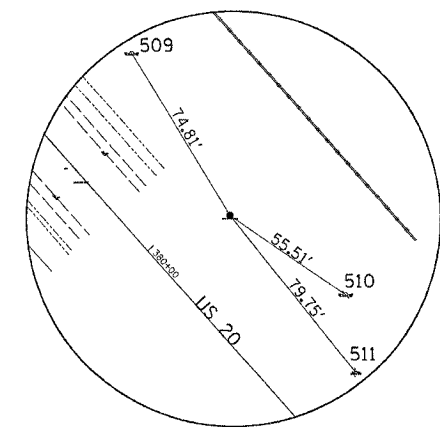
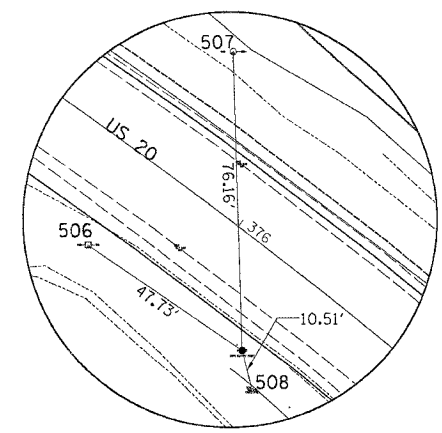
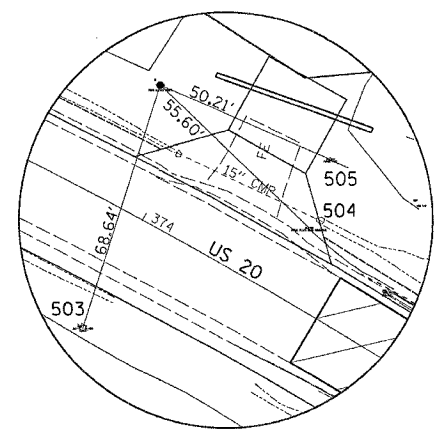
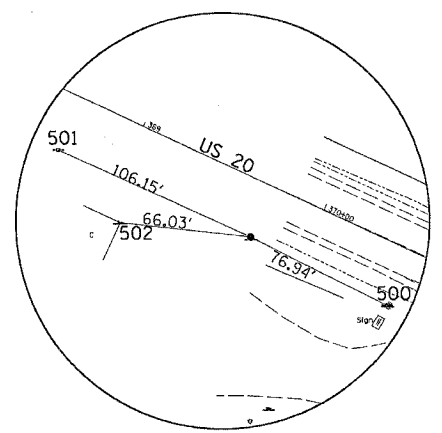
Ending chain US20 description
=====

CURVE	PI	CC	PC	PT
200	200	201	202	203
210	210	211	212	213

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PLOT SCALE = 3/8"=100'
USER NAME = rebecca.j

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	21T-1	STEPHENSON	64	14
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

HORIZONTAL & VERTICAL CONTROL



HORIZONTAL CONTROL POINT NO. 1 HORIZONTAL CONTROL POINT NO. 2 HORIZONTAL CONTROL POINT NO. 3 HORIZONTAL CONTROL POINT NO. 4 HORIZONTAL CONTROL POINT NO. 6

HORIZONTAL CONTROL POINTS

POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
1	2070325.7830	2398466.3770	915.5410	US20	369+72.12	27.4435' RT	SURVEY POINT, PIN
2	2070205.3590	2398870.0720	912.2430	US20	373+87.41	34.2128' LT	SURVEY POINT, PIN
3	2070029.5980	2399034.3170	906.4730	US20	376+20.20	24.4638' RT	SURVEY POINT, PIN
4	2069793.4570	2399348.8950	911.0090	US20	380+11.27	33.6754' LT	SURVEY POINT, PIN
5	2069672.8400	2399553.4640	922.1720	US20	382+37.31	106.5131' LT	SURVEY POINT, PIN
6	2070069.6090	2399237.3320	915.9070	US20	377+42.28	138.7107' LT	SURVEY POINT, PIN
7	2070317.6170	2399100.0730	904.7310	US20	375+14.59	247.9810' LT	SURVEY POINT, PIN
8	2070545.6740	2399404.4340	907.2820	US20	376+01.87	610.2285' LT	SURVEY POINT, PIN
9	2070732.9870	2399790.2740	910.0930	US20	377+10.66	1001.1728' LT	SURVEY POINT, PIN
10	2070423.2410	2398241.7290	920.1350	US20	367+27.32	33.1963' RT	SURVEY POINT, PK NAIL
11	2070349.2160	2398213.4030	915.5700	US20	367+32.65	112.2761' RT	SURVEY POINT, PK NAIL
90435	2072090.1750	2396769.1440	930.1750	US20	OUT OF CHAIN	-----	GPS CONTROL POINT, PIN
90442	2072908.8380	2398352.3750	916.7420	US20	OUT OF CHAIN	-----	GPS CONTROL POINT, PIN

APPARENT PROPERTY CORNERS

POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
700	2070239.5390	2398475.3940	913.7050	US20	370+16.48	101.9528' RT	PROPERTY CORNER, PIN
701	2070143.6060	2398474.1410	907.1430	US20	370+55.58	189.5651' RT	PROPERTY CORNER, PIN
702	2070199.3330	2398725.2140	913.0010	US20	372+60.13	33.6694' RT	PROPERTY CORNER, PIN

SURVEY WORK POINTS

POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
100	2069960.0950	2398764.4670	900.0570	US20	374+12.31	231.8435' RT	SURVEY POINT, NAIL
101	2070093.0020	2398936.8420	905.0810	US20	375+01.49	29.3203' RT	SURVEY POINT, NAIL
102	2070172.9690	2398940.8220	908.7420	US20	374+62.77	40.6730' LT	SURVEY POINT, NAIL
103	2070209.6840	2399004.2030	903.0400	US20	374+95.45	105.2666' LT	SURVEY POINT, CHISELED "X"

REFERENCE TIES

POINT	CHAIN	STATION	OFFSET	DESCRIPTION
500	US20	370+49.03	29.9155' RT	POWER POLE WITH TRANSFORMER, SHINER
501	US20	368+65.98	28.4917' RT	POWER POLE, SHINER
502	US20	369+09.50	48.3733' RT	COMMERCIAL BUILDING, CORNER
503	US20	373+99.52	33.3548' RT	POWER POLE, SHINER
504	US20	374+40.10	20.1748' LT	GUARDRAIL STEEL PLATE BEAM, END
505	US20	374+36.00	39.0044' LT	FENCE POST, SHINER
506	US20	375+71.55	26.6327' RT	POWER POLE, SHINER
507	US20	375+72.76	34.9746' LT	GUY POLE, SHINER
508	US20	376+28.72	30.8692' RT	FENCE POST, SHINER
509	US20	379+37.66	47.0274' LT	TELEGRAPH POLE, SHINER
510	US20	380+65.16	47.0269' LT	TELEGRAPH POLE, SHINER
511	US20	380+90.92	29.5700' LT	WARNING SIGN, SHINER

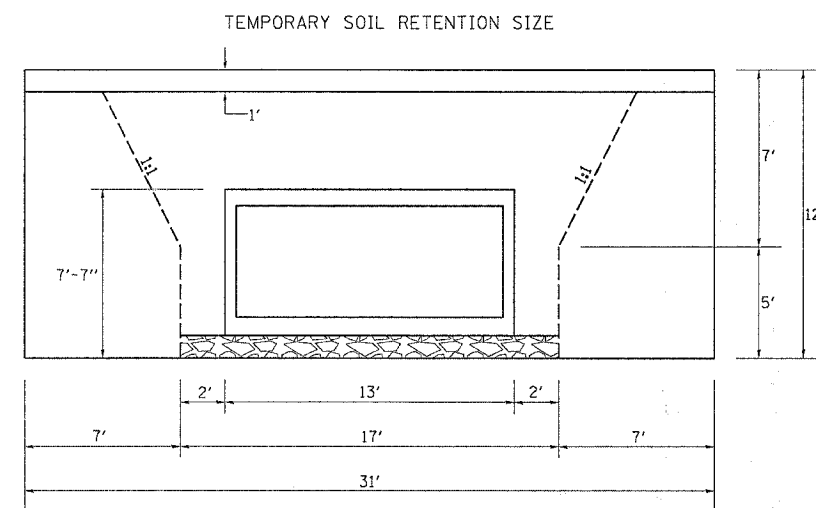
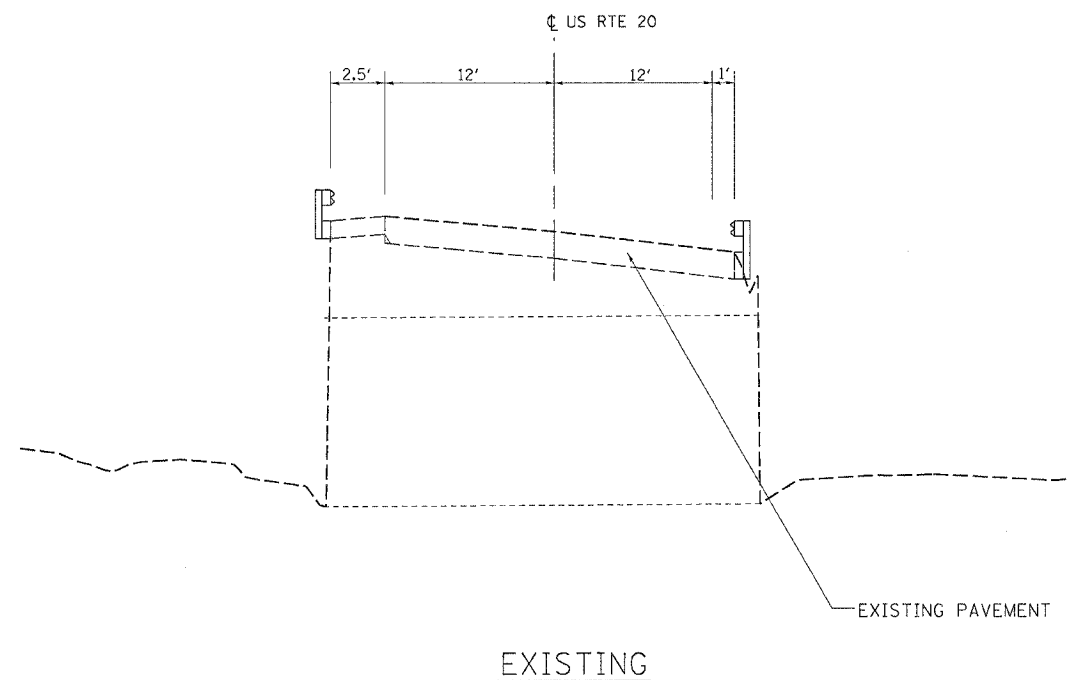
BENCH MARKS

POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
401	2070291.4380	2398534.9590	916.8950	US20	370+48.79	29.8561' RT	POWER POLE WITH TRANSFORMER, RAILROAD SPIKE
402	2070149.5000	2398931.5960	909.4890	US20	374+66.91	15.8144' LT	HEADWALL, CHISELED SQUARE
403	2070215.5030	2398994.2020	906.8330	US20	374+84.76	104.8475' LT	TOP OF WINGWALL, CHISELED SQUARE
404	2069697.1150	2399346.8580	912.4290	US20	380+81.95	31.8299' RT	POWER POLE, RAILROAD SPIKE

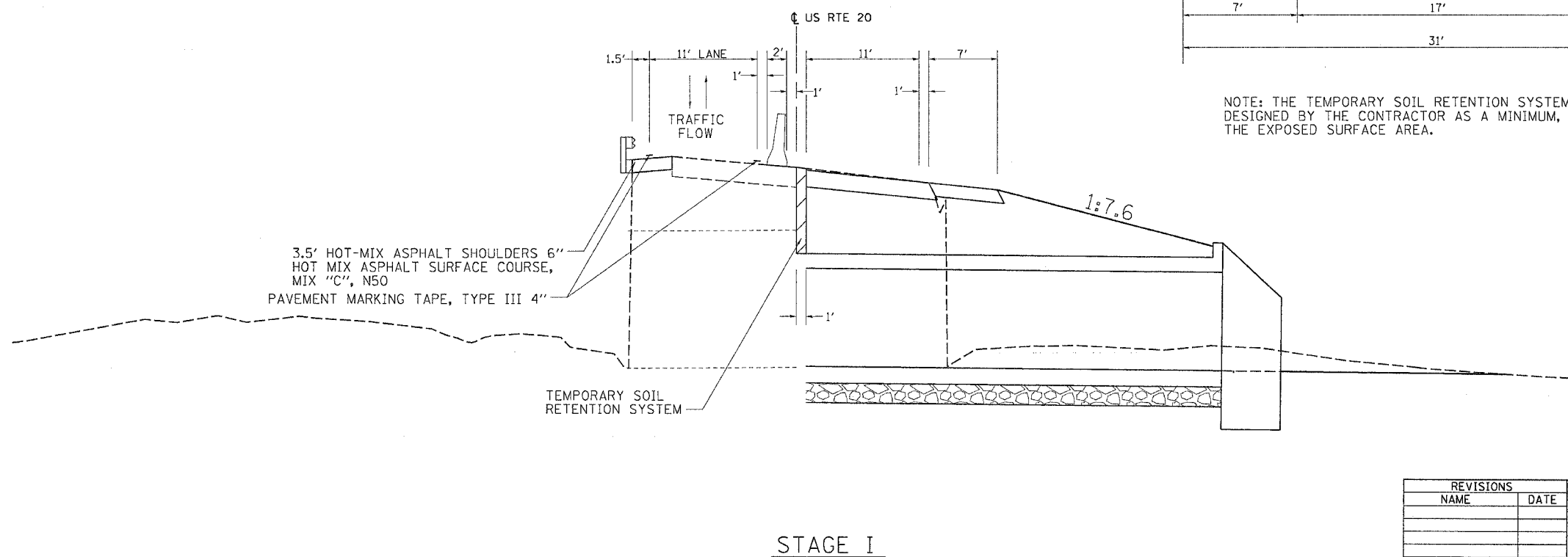
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	21T-1	STEPHENSON	64	15
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

STAGING TYPICALS



NOTE: THE TEMPORARY SOIL RETENTION SYSTEM SHALL BE DESIGNED BY THE CONTRACTOR AS A MINIMUM, TO RETAIN THE EXPOSED SURFACE AREA.

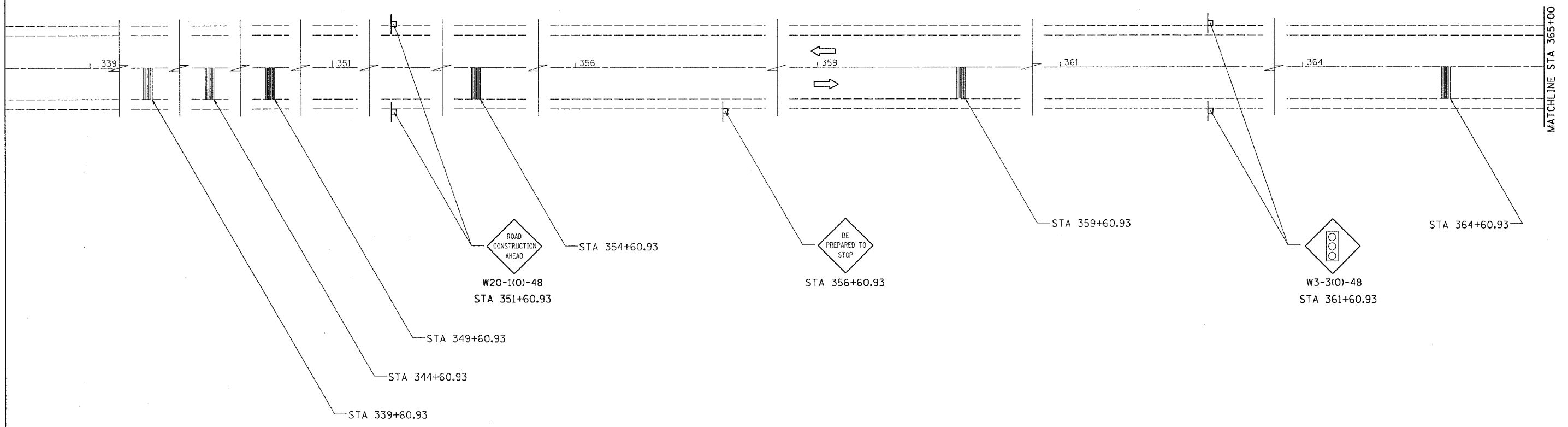


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REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCALE: VERT. HORIZ. DATE DRAWN BY CHECKED BY

STAGE I

CONTRACT NO. 64848			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
301	21T-1	STEPHENSON	64
STA. 339+00		TO STA. 365+00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	



SEE HIGHWAY STANDARDS 701321-08, & 704001-03 FOR OTHER DEVICES NOT SHOWN

-  TEMPORARY RUMBLE STRIP
-  DRUM WITH STEADY BURNING LIGHT
-  TRAFFIC SIGNAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. _____
HORIZ. _____

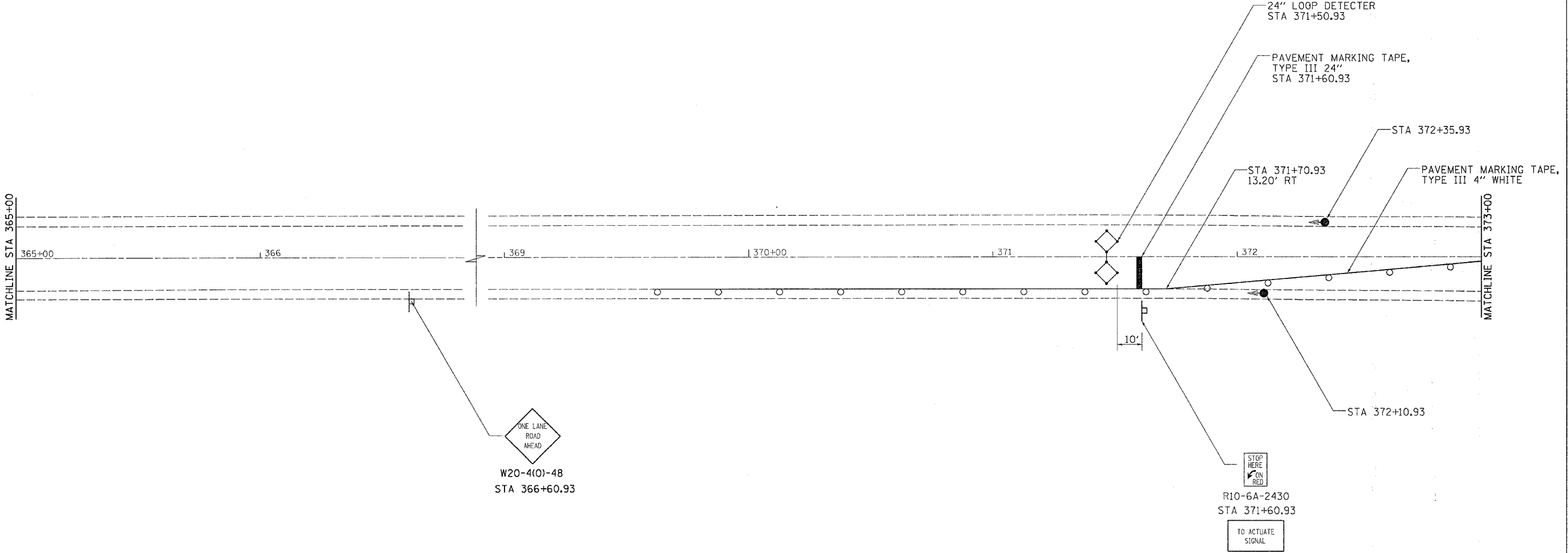
DATE _____

DRAWN BY _____
CHECKED BY _____




PLOT DATE = Tue Jan 16 18:59:05 2007
 FILE NAME = c:\projects\64848\1105\1105.dgn
 USER NAME = rnkraj

STAGE I

CONTRACT NO. 64B48				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	21T-1	STEPHENSON	64	18
STA. 365+00		TO STA. 373+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



SEE HIGHWAY STANDARDS 701321-08, & 704001-03 FOR OTHER DEVICES NOT SHOWN

-  TEMPORARY RUMBLE STRIP
-  DRUM WITH STEADY BURNING LIGHT
-  TRAFFIC SIGNAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

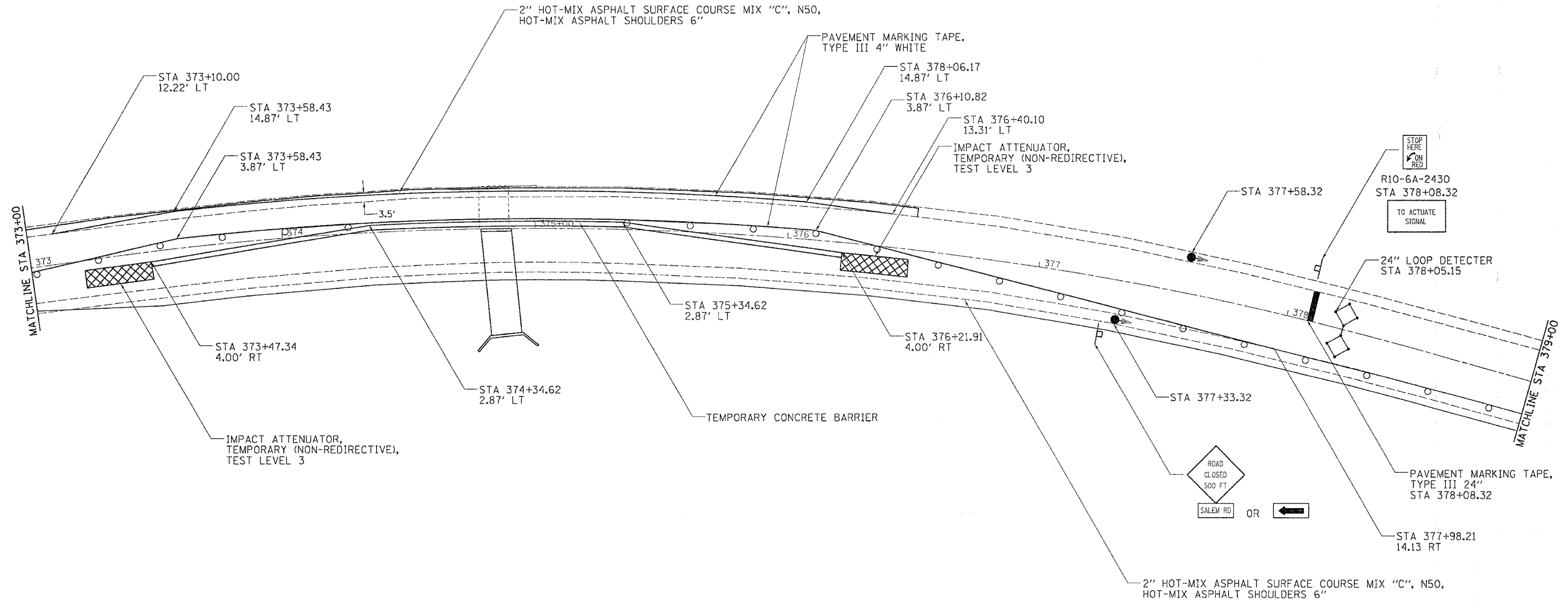
SCALE: VERT. _____
 HORIZ. _____
 DATE _____

DRAWN BY _____
 CHECKED BY _____




PLOT DATE: Mon Dec 11 09:11:46 2006
 FILE NAME: s:\projects\6211105\11105.dwg
 SCALE: 1/8" = 1'-0"
 USER: j...

STAGE I

CONTRACT NO. 64B48				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	21T-1	STEPHENSON	64	19
STA. 373+00		TO STA. 379+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



SEE HIGHWAY STANDARDS 701321-08, & 704001-03
FOR OTHER DEVICES NOT SHOWN

-  TEMPORARY RUMBLE STRIP
-  DRUM WITH STEADY BURNING LIGHT
-  TRAFFIC SIGNAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT.
HORIZ.
DATE

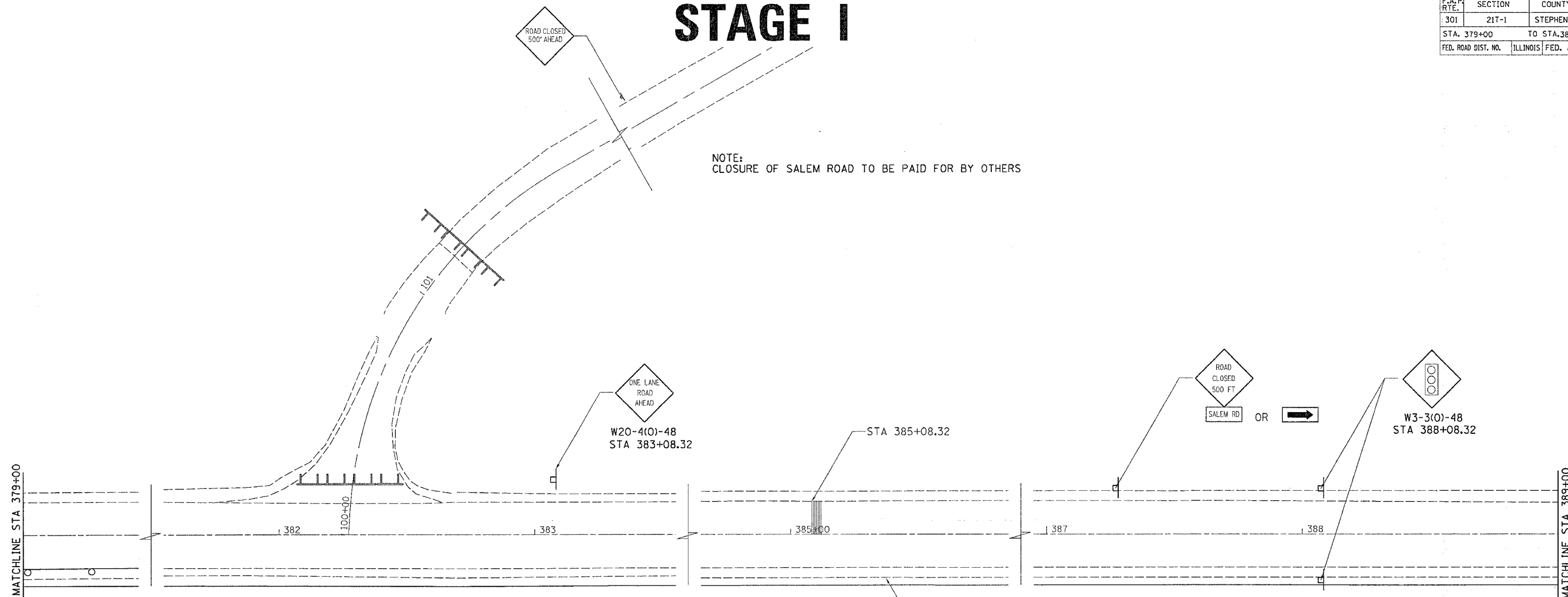
DRAWN BY
CHECKED BY

PLOT DATE = Mon Dec 11 09:11:46 2006
FILE NAME = C:\211115\211115.dgn
PLOT SCALE = 20.0000" = 1"
USER NAME = rnkhe1j

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	21T-1	STEPHENSON	64	20
STA. 379+00		TO STA. 389+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	




STAGE I

NOTE:
CLOSURE OF SALEM ROAD TO BE PAID FOR BY OTHERS



2" HOT-MIX ASPHALT SURFACE COURSE MIX "C", N50.
HOT-MIX ASPHALT SHOULDERS 6"

SEE HIGHWAY STANDARDS 701321-08, & 704001-03
FOR OTHER DEVICES NOT SHOWN

-  TEMPORARY RUMBLE STRIP
-  DRUM WITH STEADY BURNING LIGHT
-  TRAFFIC SIGNAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

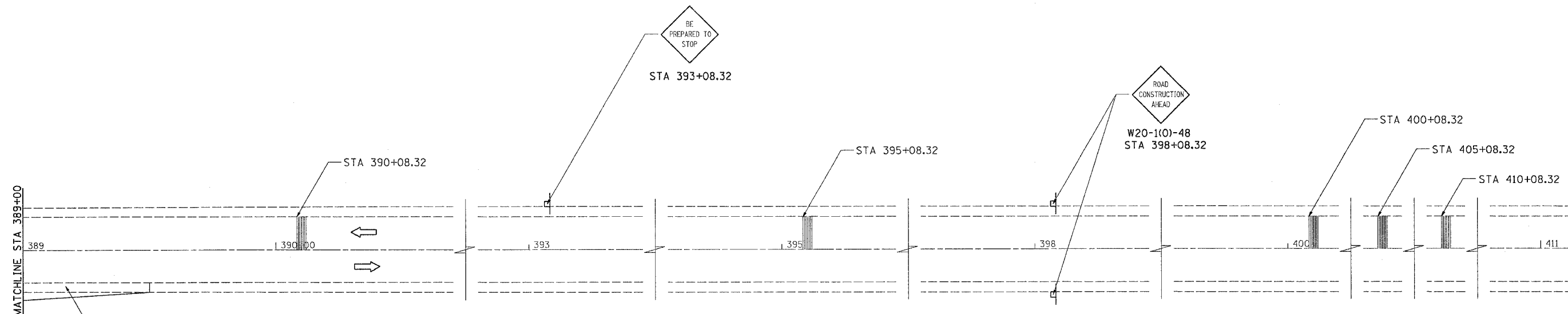
SCALE: VERT. _____
HORIZ. _____
DATE _____

DRAWN BY _____
CHECKED BY _____

PLOT DATE = Mon Dec 11 09:11:47 2006
FILE NAME = s:\p\04\sta-21\1105\011105sta1.dgn
SCALE = 28.0000 / IN.
USER NAME = rchrsdju




STAGE I

CONTRACT NO. 64B48			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
301	21T-J	STEPHENSON	64
STA. 389+00		TO STA. 411+00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	



2" HOT-MIX ASPHALT SURFACE COURSE MIX "C", N50,
HOT-MIX ASPHALT SHOULDERS 6"

SEE HIGHWAY STANDARDS 701321-08, & 704001-03
FOR OTHER DEVICES NOT SHOWN

-  TEMPORARY RUMBLE STRIP
-  DRUM WITH STEADY BURNING LIGHT
-  TRAFFIC SIGNAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. _____
HORIZ. _____

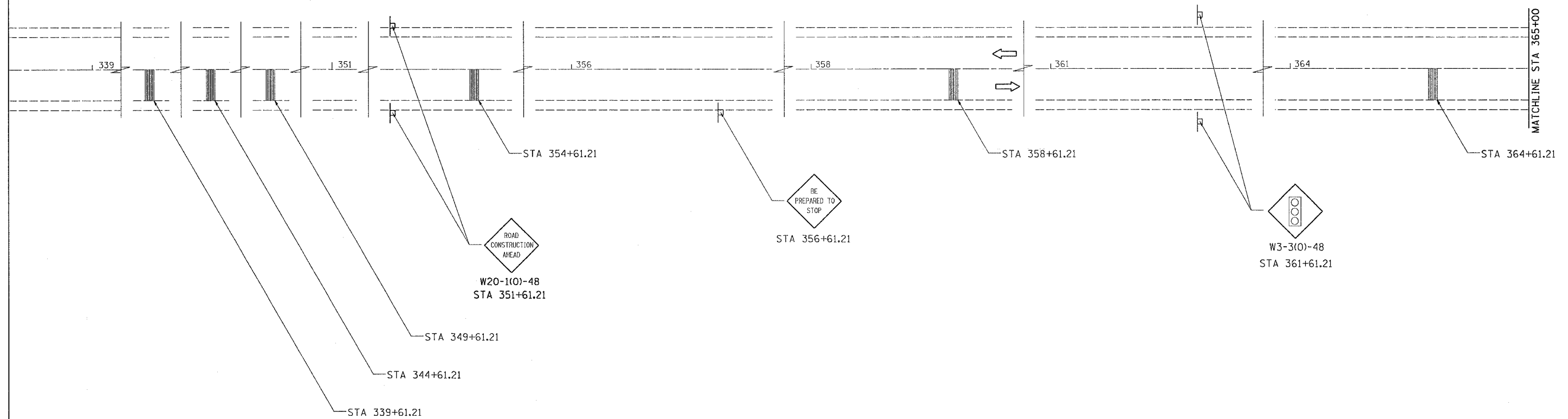
DATE _____

DRAWN BY _____
CHECKED BY _____




PLOT DATE = Tue Jan 16 10:55:15 2007
FILE NAME = c:\projects\2111025\2111025-1g.dgn
PLOT SCALE = 20.0000' / IN.
USER NAME = rankeslj

STAGE II

CONTRACT NO. 64B48			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
30L	21T-1	STEPHENSON	64
STA. 339+00		TO STA. 365+00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	



SEE HIGHWAY STANDARDS 701321-08, & 704001-03 FOR OTHER DEVICES NOT SHOWN

-  TEMPORARY RUMBLE STRIP
-  DRUM WITH STEADY BURNING LIGHT
-  TRAFFIC SIGNAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. _____
HORIZ. _____
DATE _____

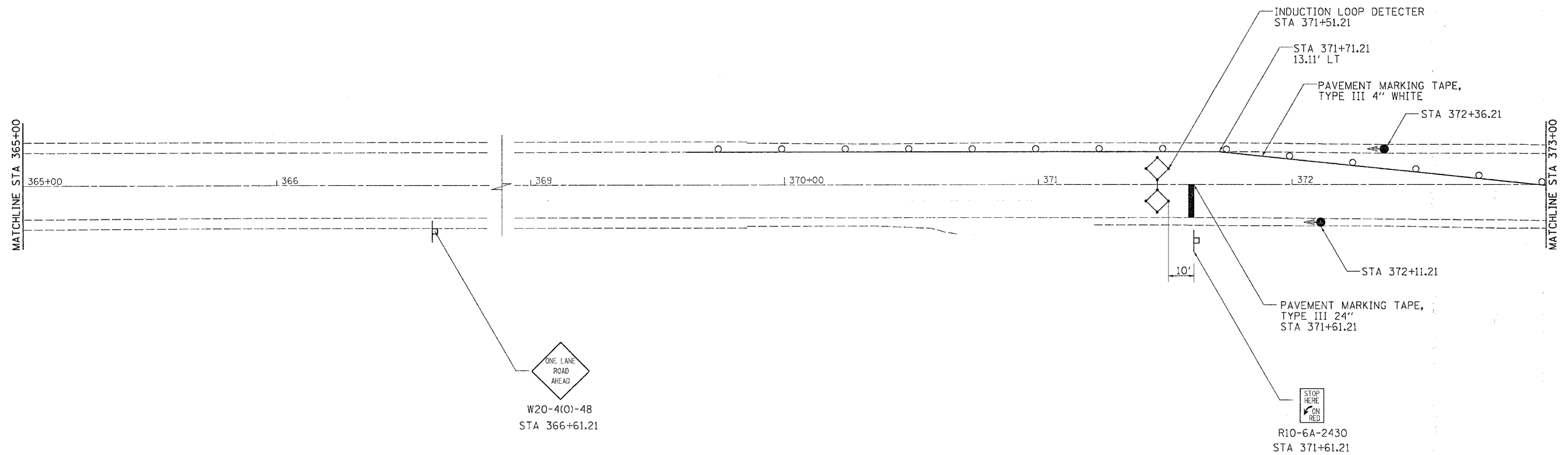
DRAWN BY _____
CHECKED BY _____

STAGE II




PLOT DATE = Tue Jan 16 10:59:27 2007
FILE NAME = c:\p\projects\211105\dl1105-19.dgn
PLOT SCALE = 20.0000' / IN.
USER NAME = frankslj

STAGE II

CONTRACT NO. 64B48				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	21T-1	STEPHENSON	64	23
STA. 366+00		TO STA. 373+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



SEE HIGHWAY STANDARDS 701321-08, & 704001-03 FOR OTHER DEVICES NOT SHOWN

-  TEMPORARY RUMBLE STRIP
-  DRUM WITH STEADY BURNING LIGHT
-  TRAFFIC SIGNAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

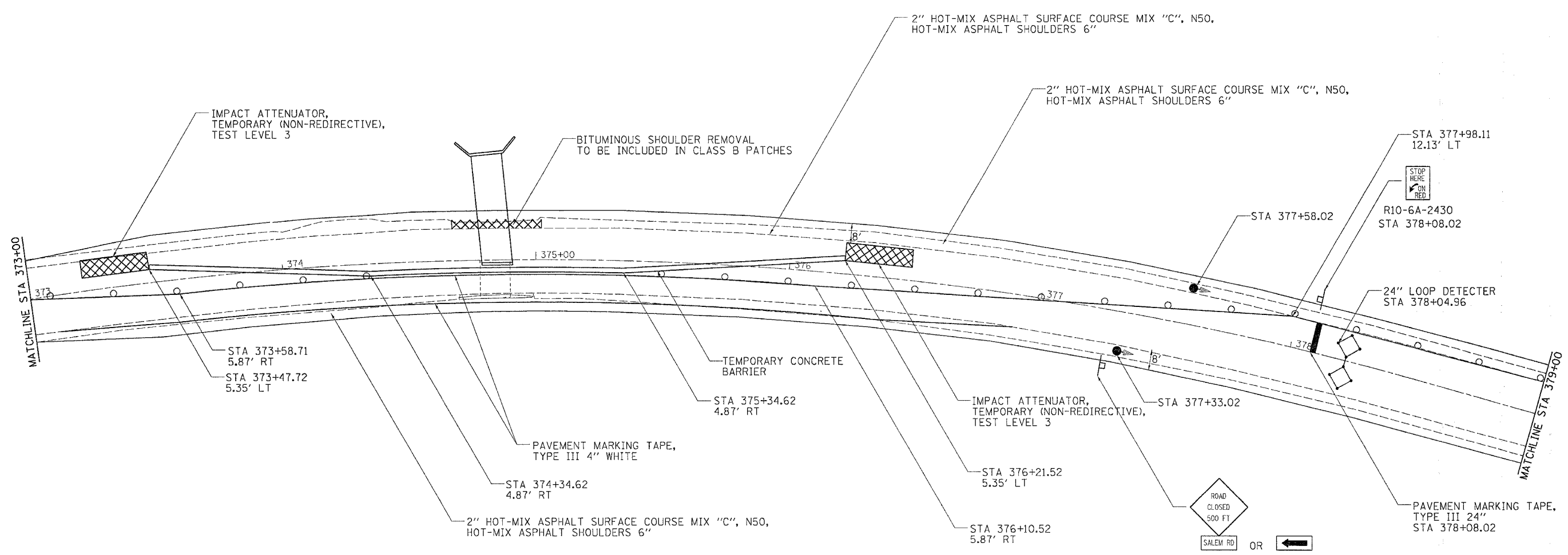
SCALE: VERT. _____
 HORIZ. _____
 DATE _____

DRAWN BY _____
 CHECKED BY _____




PLOT DATE = Mon Dec 11 09:11:47 2006
 PLOT SCALE = 20.0000' / IN.
 USER NAME = rnkentj

STAGE II

CONTRACT NO. 64B48			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
301	21T-1	STEPHENSON	64 24
STA. 373+00		TO STA. 379+00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	



SEE HIGHWAY STANDARDS 701321-08, & 704001-03 FOR OTHER DEVICES NOT SHOWN

-  TEMPORARY RUMBLE STRIP
-  DRUM WITH STEADY BURNING LIGHT
-  TRAFFIC SIGNAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

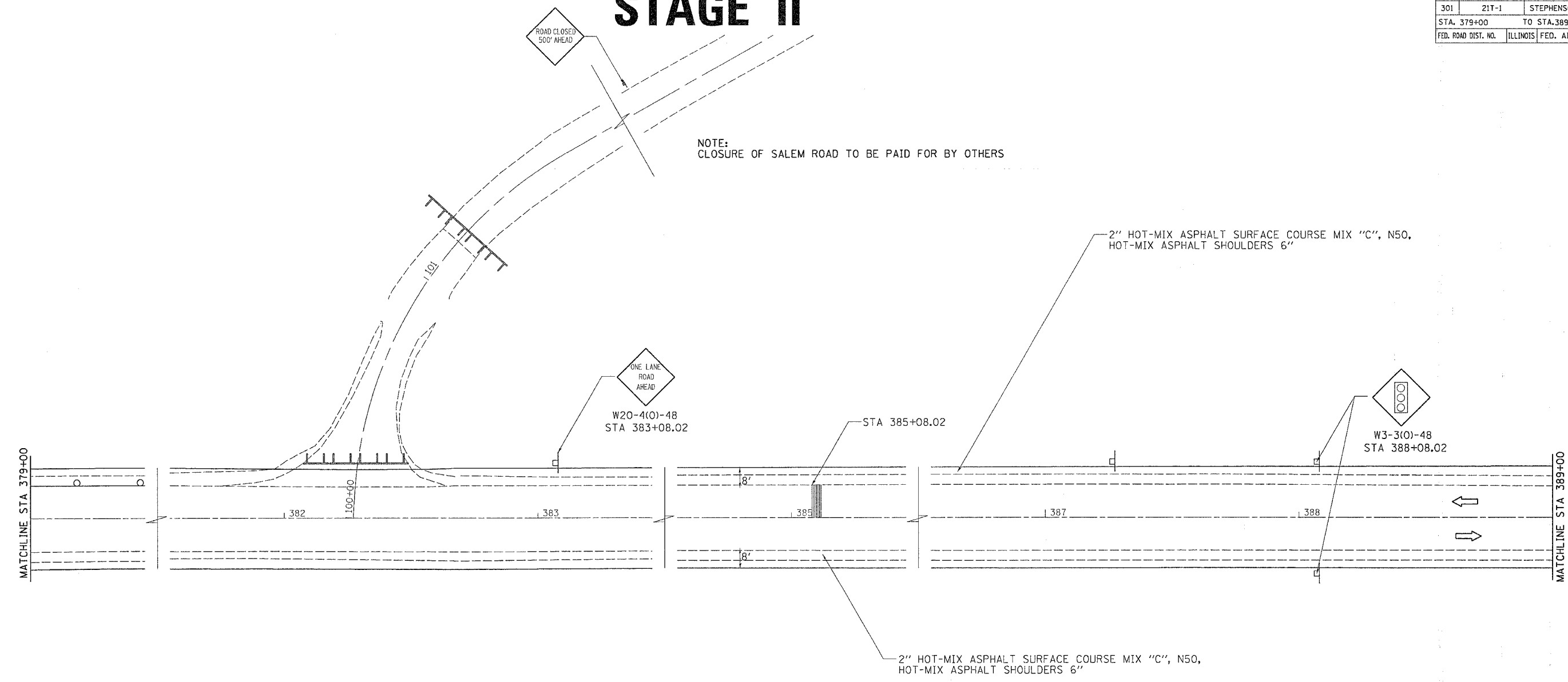
SCALE: VERT. _____
 HORIZ. _____
 DATE _____

DRAWN BY _____
 CHECKED BY _____

PLOT DATE = Mon Dec 11 09:11:47 2006
 FILE NAME = c:\projects\211105\ad1105.dwg
 USER NAME = j...
 USER NAME = j...




F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	21T-1	STEPHENSON	64	25
STA. 379+00		TO STA. 389+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

STAGE II



PLOT DATE = Mon Dec 11 09:31:47 2006
 FILE NAME = c:\projects\211105\211105.dgn
 USER NAME = jrc
 USER HOST = jrc

SEE HIGHWAY STANDARDS 701321-08, & 704001-03 FOR OTHER DEVICES NOT SHOWN

-  TEMPORARY RUMBLE STRIP
-  DRUM WITH STEADY BURNING LIGHT
-  TRAFFIC SIGNAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

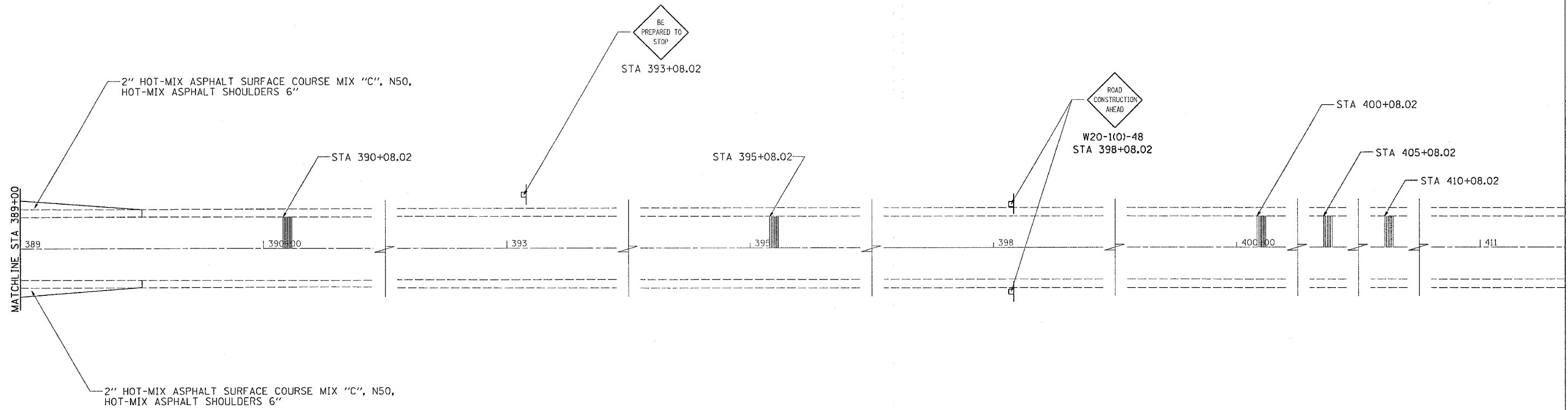
SCALE: VERT. 1" = 10'
HORIZ. 1" = 40'

DATE: _____




DRAWN BY: _____
CHECKED BY: _____

STAGE II

CONTRACT NO. 64848				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	211-J	STEPHENSON	64	26
STA. 389±00		TO STA. 411±00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



SEE HIGHWAY STANDARDS 701321-08, & 704001-03 FOR OTHER DEVICES NOT SHOWN

-  TEMPORARY RUMBLE STRIP
-  DRUM WITH STEADY BURNING LIGHT
-  TRAFFIC SIGNAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. _____
HORIZ. _____

DATE _____

DRAWN BY _____
CHECKED BY _____

PLOT DATE = Tue Jan 16 10:56:58 2007
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 USER NAME = rnkessj

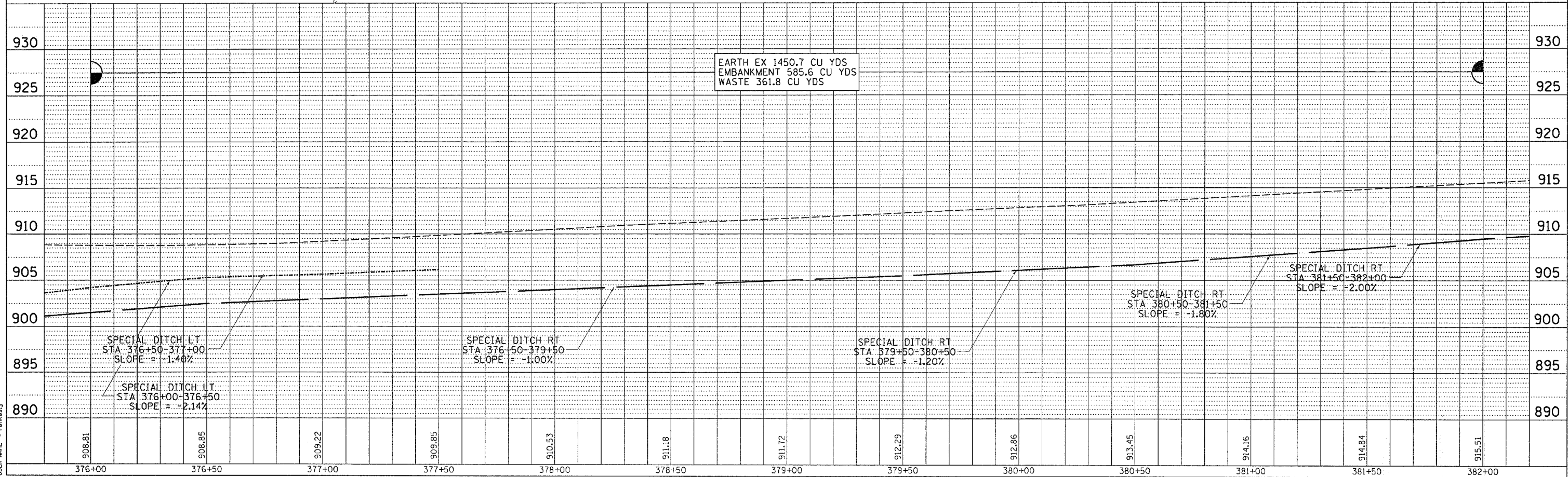
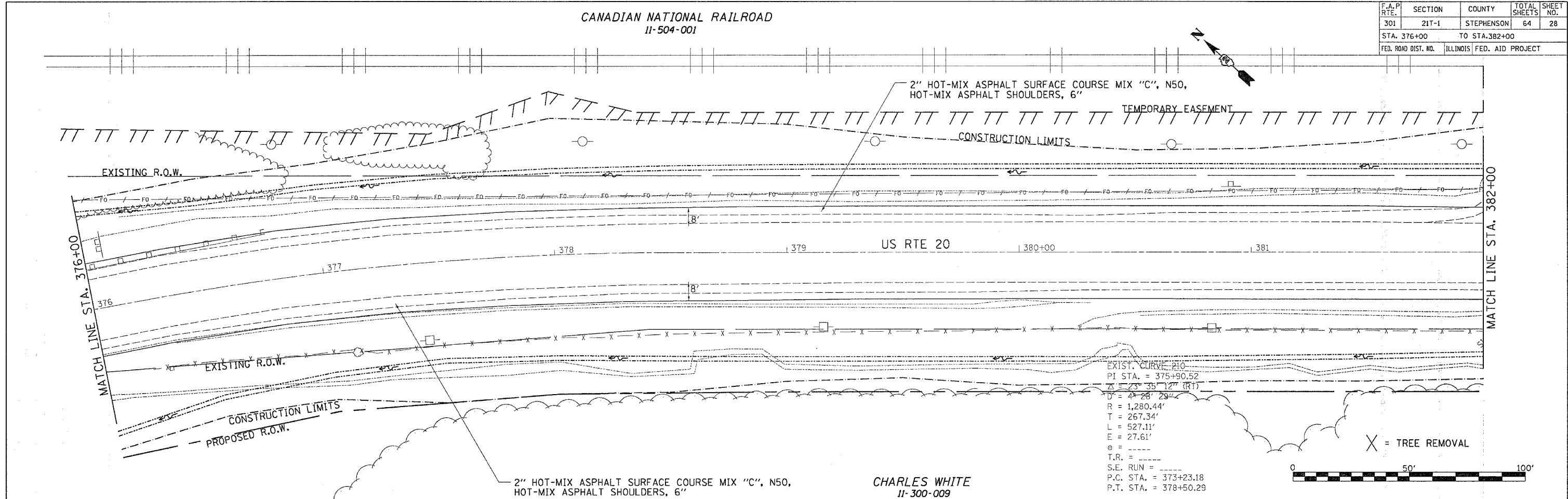
CANADIAN NATIONAL RAILROAD
II-504-001

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	21T-1	STEPHENSON	64	28
STA. 376+00		TO STA. 382+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PLAN	DESIGNED	DATE
	BY	
	CHECKED	
	DATE	
	NO.	

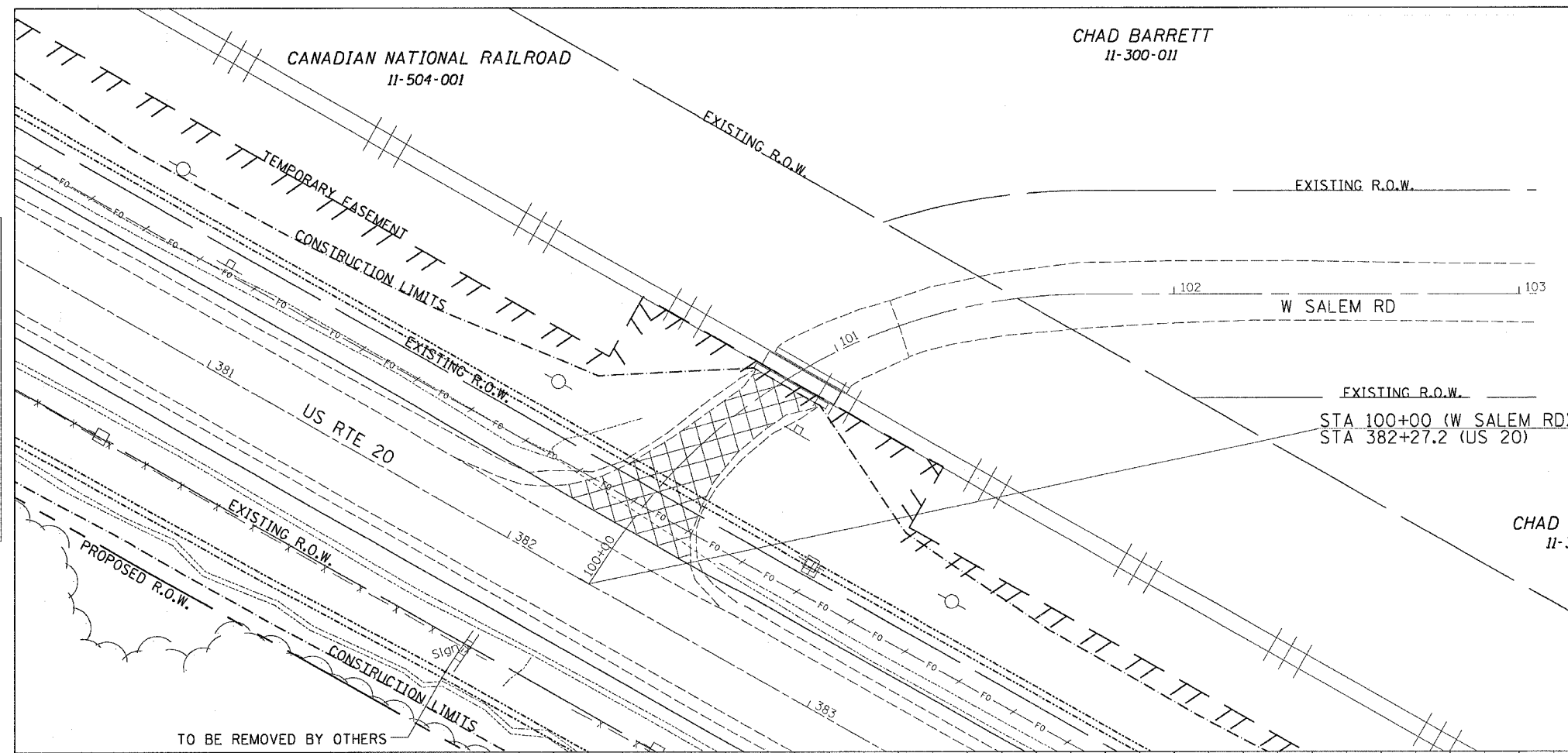
PROFILE	DESIGNED	DATE
	BY	
	CHECKED	
	DATE	
	NO.	

PLOT DATE = Mon Dec 11 09:51:28 2006
PLOT SCALE = 20.0000' / IN.
USER NAME = rnkcalj



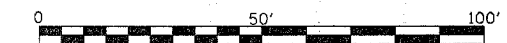
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	21T-1	STEPHENSON	64	31
STA. 100+00		TO STA. 103+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CHAD BARRETT
11-300-011



CHAD BARRETT
11-300-011

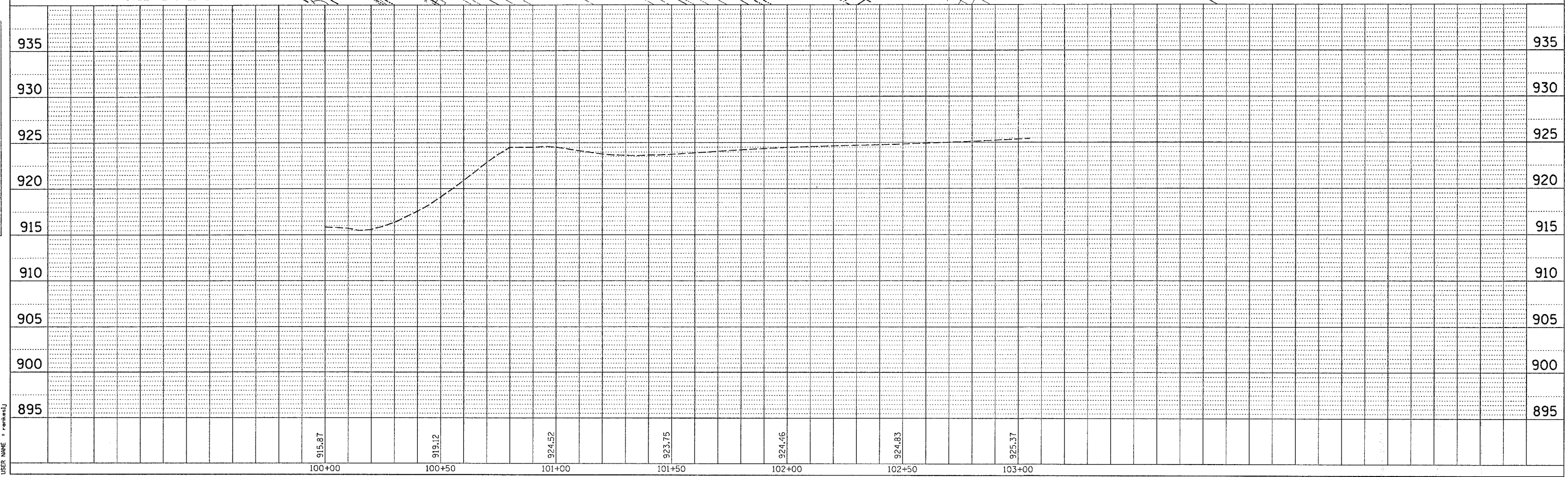
X = TREE REMOVAL



PLAN	DATE
SURVEYED	BY
ALIGNED	CHECKED
FILED	FILED
NO.	NO.

PROF. L.E.	DATE
SURVEYED	BY
GRADES	CHECKED
STRUCTURE	NOTED
NO.	NO.

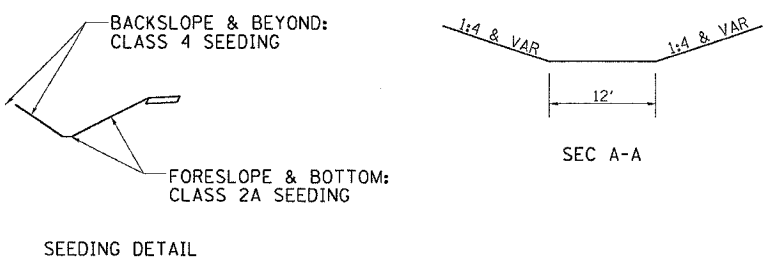
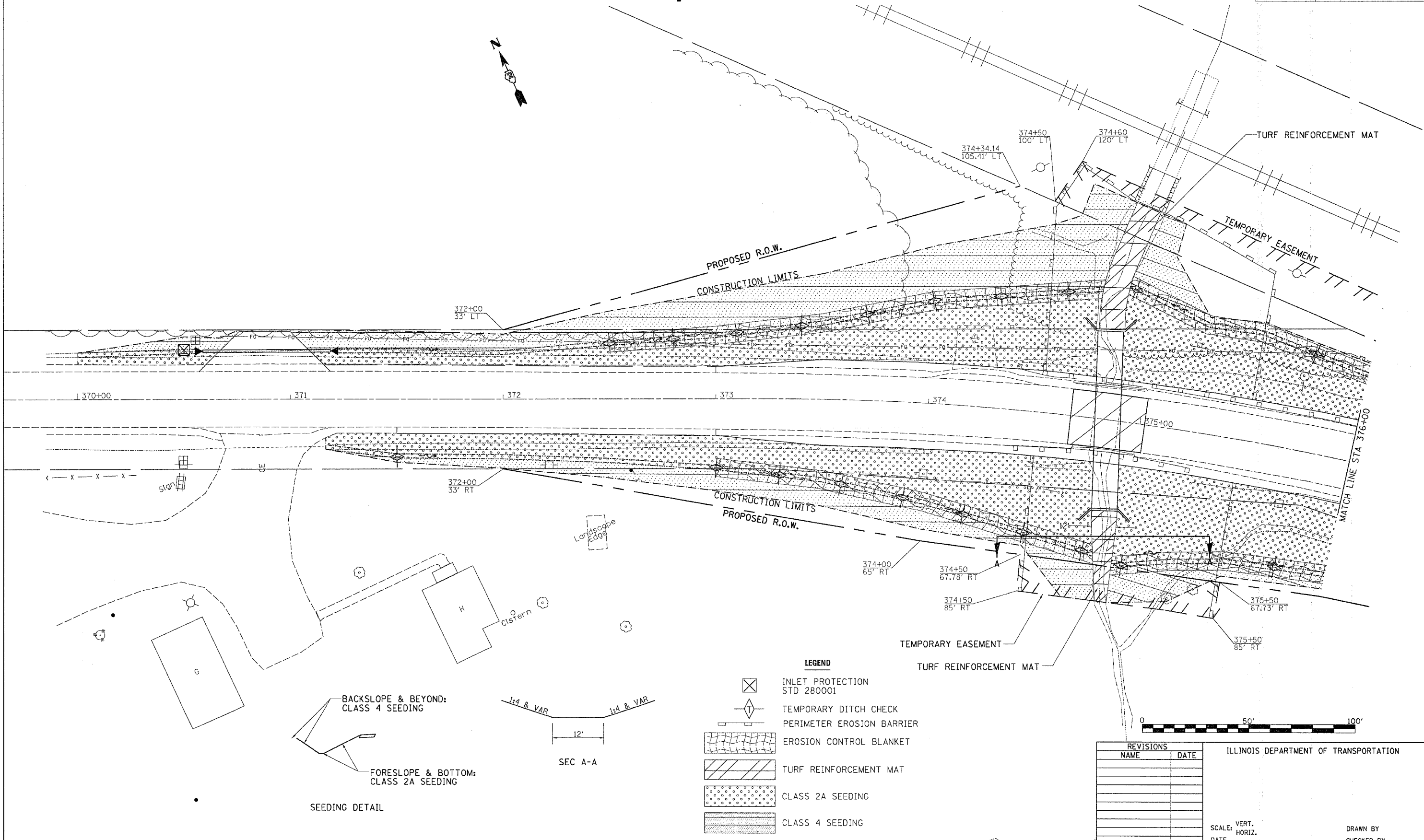
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 PLOT SCALE = 20/6000 / IN.
 USER NAME = farnesj



**N SALEM RD
PLAN & PROFILE**

R.O.W. & EASEMENT, EROSION CONTROL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	21T-1	STEPHENSON	64	32
STA. 370+00		TO STA. 376+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



- LEGEND**
- INLET PROTECTION
STD 280001
 - TEMPORARY DITCH CHECK
 - PERIMETER EROSION BARRIER
 - EROSION CONTROL BLANKET
 - TURF REINFORCEMENT MAT
 - CLASS 2A SEEDING
 - CLASS 4 SEEDING

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. HORIZ.
DATE

DRAWN BY
CHECKED BY

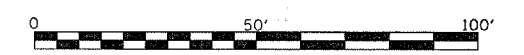
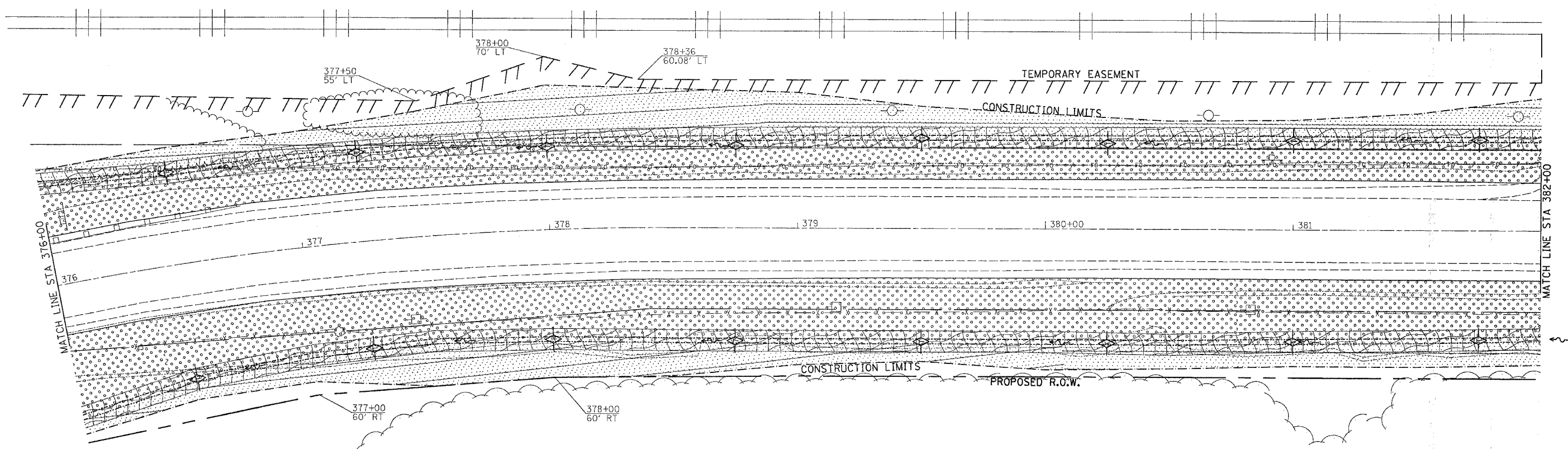
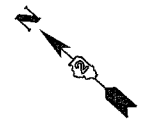
R.O.W. & EASEMENT, EROSION CONTROL

PLOT DATE = Mon, Dec 11 09:12:55 2006
 PLOT SCALE = 20,000 / IN.
 USER NAME = rambolj

R.O.W. & EASEMENT, EROSION CONTROL

CONTRACT NO. 64B48

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	21T-1	STEPHENSON	64	33
STA. 376+00		TO STA. 382+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. _____
 HORIZ. _____

DATE _____

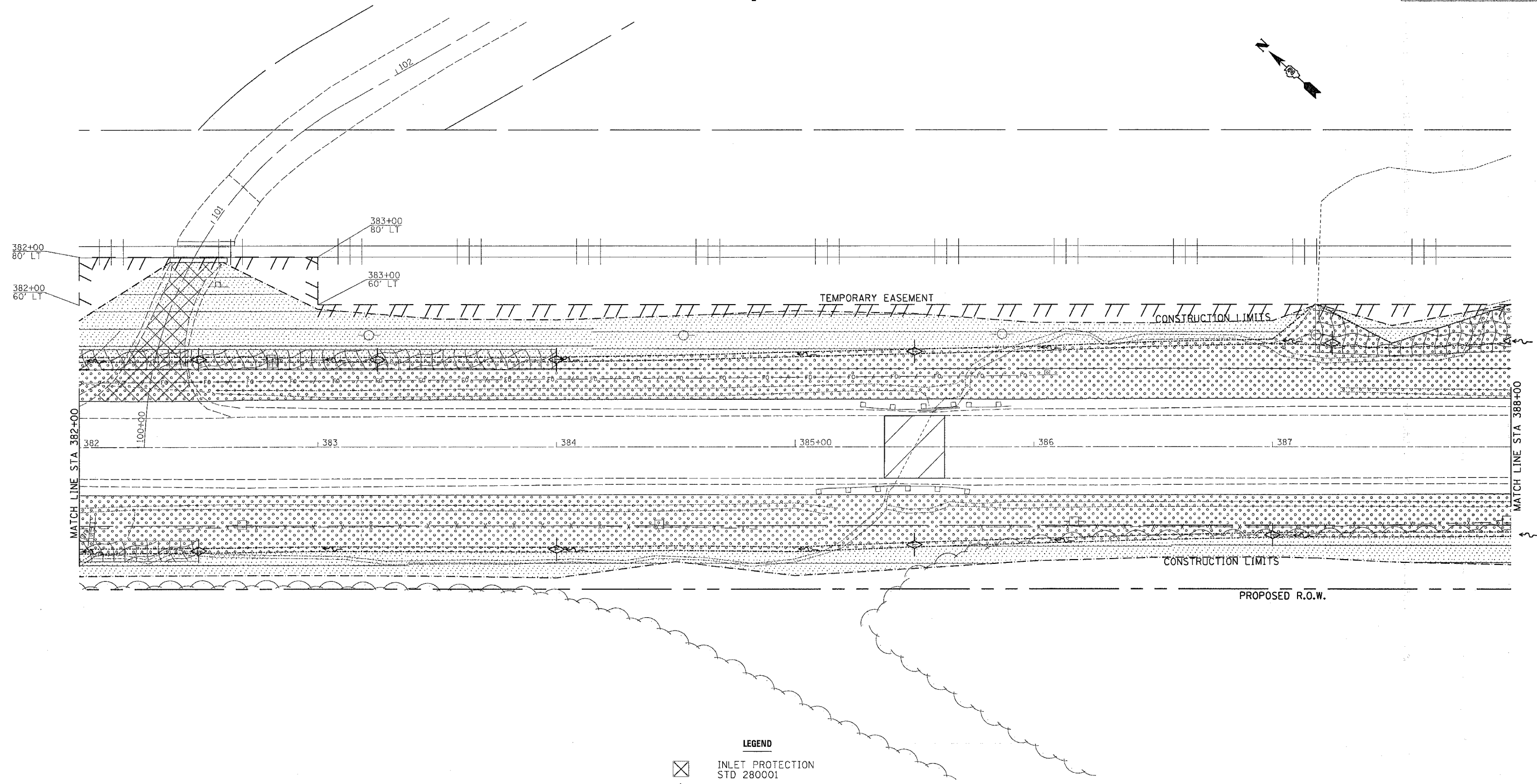
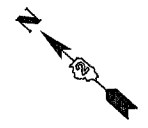
DRAWN BY _____
 CHECKED BY _____

PLT DATE = Mon Dec 11 09:12:55 2006
 PLT SCALE = 20,000 / IN
 USER NAME = rectoral




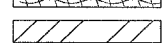
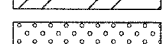
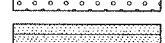

R.O.W. & EASEMENT, EROSION CONTROL

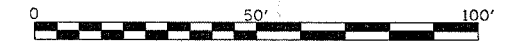
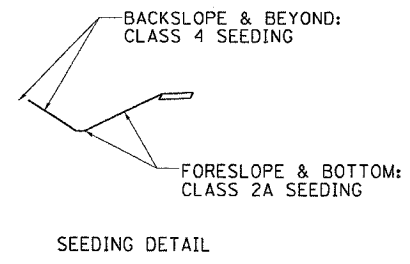
R.O.W. & EASEMENT, EROSION CONTROL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	21T-1	STEPHENSON	64	34
STA. 382+00		TO STA. 388+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



LEGEND

-  INLET PROTECTION STD 280001
-  TEMPORARY DITCH CHECK
-  PERIMETER EROSION BARRIER
-  EROSION CONTROL BLANKET
-  TURF REINFORCEMENT MAT
-  CLASS 2A SEEDING
-  CLASS 4 SEEDING



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. / HORIZ. / DATE

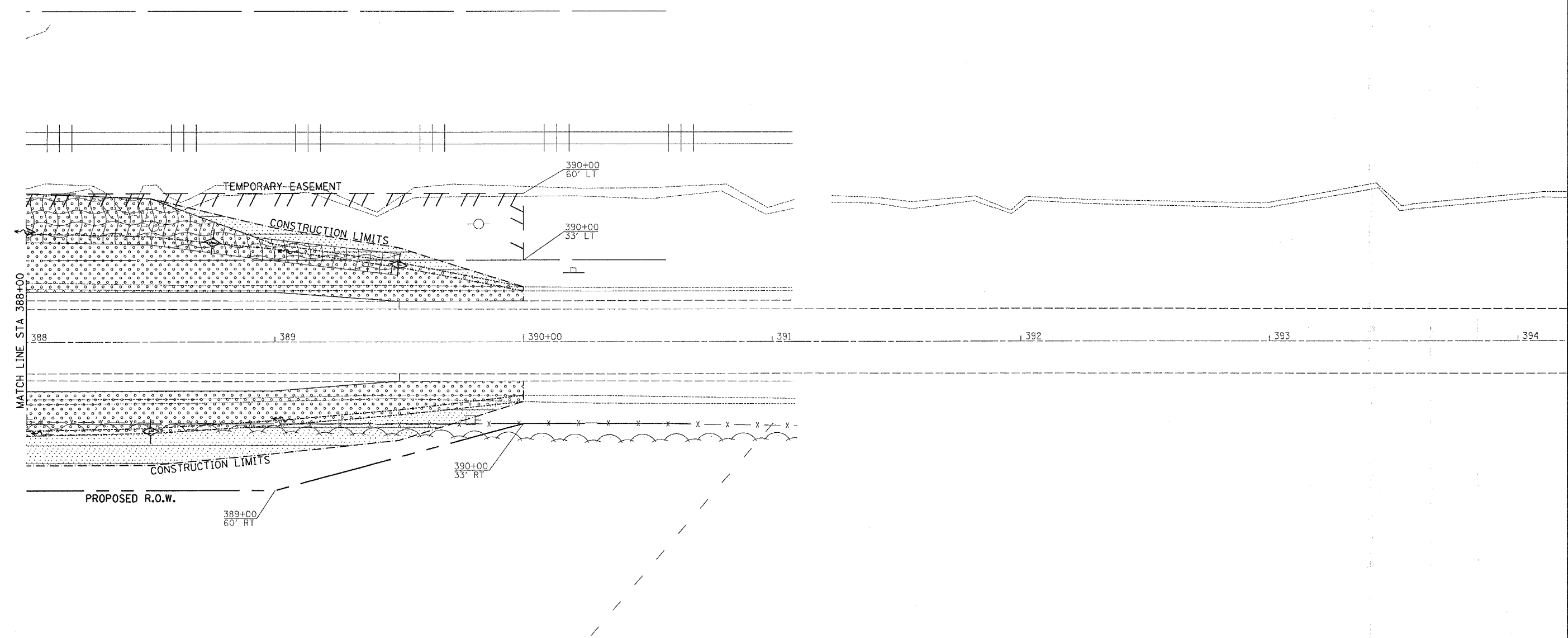
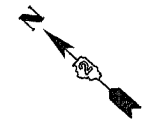
DRAWN BY / CHECKED BY

R.O.W. & EASEMENT, EROSION CONTROL

PLT DATE = Mon Dec 11 09:21:58 2006
 PLT SCALE = 20.00000 / IN.
 USER NAME = renkaul

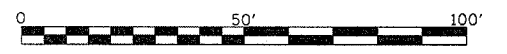
R.O.W. & EASEMENT, EROSION CONTROL

CONTRACT NO. 64B48				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	21T-1	STEPHENSON	64	35
STA. 388+00		TO STA. 394+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



LEGEND

	INLET PROTECTION STD 280001
	TEMPORARY DITCH CHECK
	PERIMETER EROSION BARRIER
	EROSION CONTROL BLANKET
	TURF REINFORCEMENT MAT
	CLASS 2A SEEDING
	CLASS 4 SEEDING



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. _____
 HORIZ. _____
 DATE _____


DRAWN BY _____
 CHECKED BY _____

PLOT DATE = Mon, Dec 11, 2001 12:00:28 PM
 FILE NAME = c:\projects\211185\dl1185a.dgn
 PLOT SCALE = 28.0000" / 1" IN.
 USER NAME = rnkeshj

R.O.W. & EASEMENT, EROSION CONTROL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	21T-1	STEPHENSON	64	36
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

BORING LOGS



Illinois Department of Transportation
Division of Highways
DOT

SOIL BORING LOG

Page 1 of 1
Date 1/2/06

ROUTE US 20 DESCRIPTION P-92-111-05 Box Culvert, 0.9 m. S.E. of Galena Road on US 20 LOGGED BY J. Strating

SECTION _____ LOCATION Erin Twp. - 10NE, SEC. 27N, RNG. 6E

COUNTY Stephenson DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic


STRUCT. NO. _____	D	B	U	M	Surface Water Elev. _____	ft				
Station <u>589+75</u>	E	L	C	O	Stream Bed Elev. _____	ft				
	P	O	S	I						
BORING NO. <u>B-1</u>	T	W	S	S	Groundwater Elev. _____					
Station <u>589+93</u>	H	S	Qu	T	First Encounter _____	ft				
Offset <u>11.00R L& CL</u>					Upon Completion _____	ft				
Ground Surface Elev. _____					After _____	Hrs.				
	(ft)	(6")	(tsf)	(%)						

Asphalt Widening	98.00									
MEDIUM brown SILTY CLAY LOAM	96.50	2	3	0.8	26					
		3	P							
MEDIUM brown SILTY LOAM	94.00	2	3	0.9	24					
		3	B							
STIFF gray/brown SILTY CLAY LOAM (tan/gray LIMESTONE at bottom 3")	91.00	2	2	1.7	26					
		36	B							
VERY DENSE tan/gray weathered LIMESTONE	89.00			1002"						
Auger Refusal	89.00									
End of Boring										

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

STA 598+76 = STA 374+47.6



Illinois Department of Transportation
Division of Highways
DOT

SOIL BORING LOG

Page 1 of 1
Date 1/2/06

ROUTE US 20 DESCRIPTION P-92-111-05 Box Culvert, 0.9 m. S.E. of Galena Road on US 20 LOGGED BY J. Strating

SECTION _____ LOCATION Erin Twp. - 10NE, SEC. 27N, RNG. 6E

COUNTY Stephenson DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. _____	D	B	U	M	Surface Water Elev. _____	ft				
Station <u>589+75</u>	E	L	C	O	Stream Bed Elev. _____	ft				
	P	O	S	I						
BORING NO. <u>B-2</u>	T	W	S	S	Groundwater Elev. _____					
Station <u>589+50</u>	H	S	Qu	T	First Encounter _____	ft				
Offset <u>11.00R R& CL</u>					Upon Completion _____	ft				
Ground Surface Elev. _____					After _____	Hrs.				
	(ft)	(6")	(tsf)	(%)						

Asphalt Widening	97.50									
MEDIUM brown SILTY CLAY LOAM	96.00	2	3	1.0	23					
		5	P							
STIFF brown SILTY CLAY LOAM	89.50	3	3	1.3	26					
		4	P							
MEDIUM brown SILTY CLAY LOAM	81.00	2	1	0.8	26					
		2	B							
MEDIUM brown SILTY LOAM with LIMESTONE fragments	88.50	4	5	0.8	27					
		4	P							
STIFF gray/blue CLAY with ORGANICS	86.00	2	4	1.9	32					
		6	S							
VERY STIFF brown CLAY with LIMESTONE fragments	83.50	3	6	2.2	31					
		9	S							
VERY STIFF tan/brown CLAY with SAND lenses	81.00	6	11	2.5	26					
		12	S							

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

STA 589+75 = STA 374+29.6

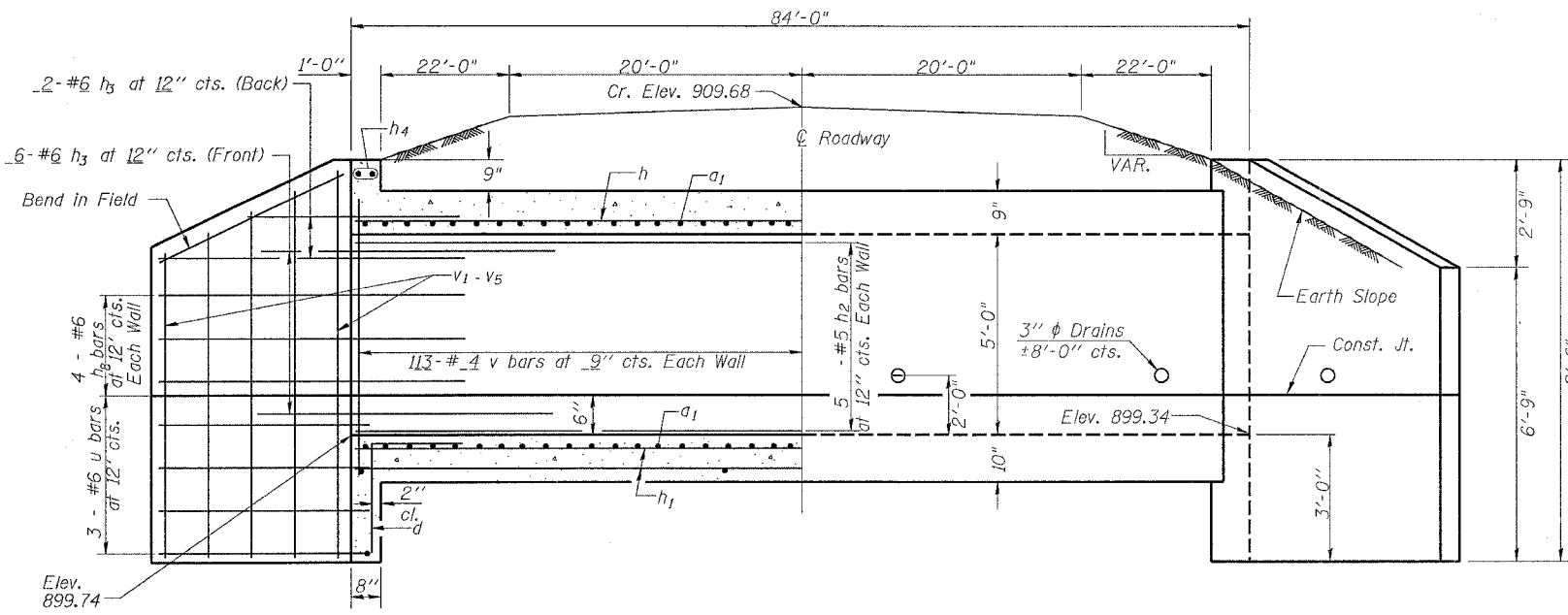
PLOT DATE = Mon Dec 11 09:13:26 2006
 FILE NAME = c:\projects\211105\1105dloga.dgn
 PLOT SCALE = 1/250000 / IN.
 USER NAME = jstrating

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCALE: VERT. HORIZ. DATE
DRAWN BY _____		CHECKED BY _____
DATE _____		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

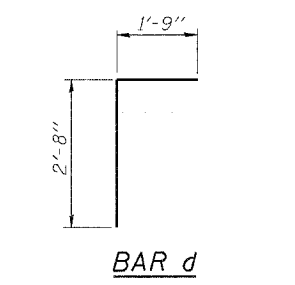
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	211-1	STEPHENSON	64	37
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

Contract # 64B48

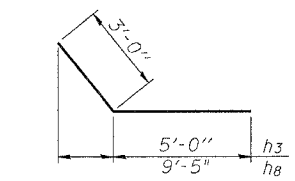


HALF LONG SECTION

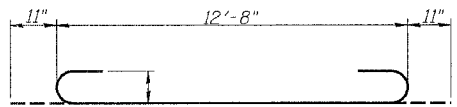
HALF ELEVATION



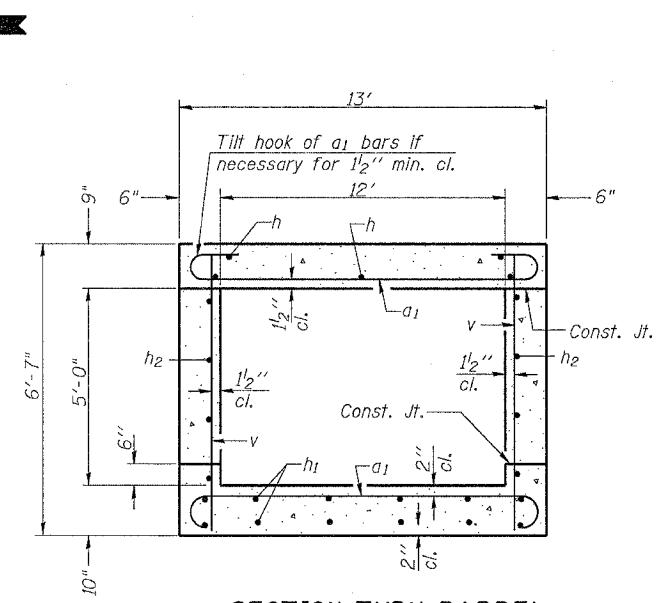
BAR d



BARS h3 & h8



BAR a1

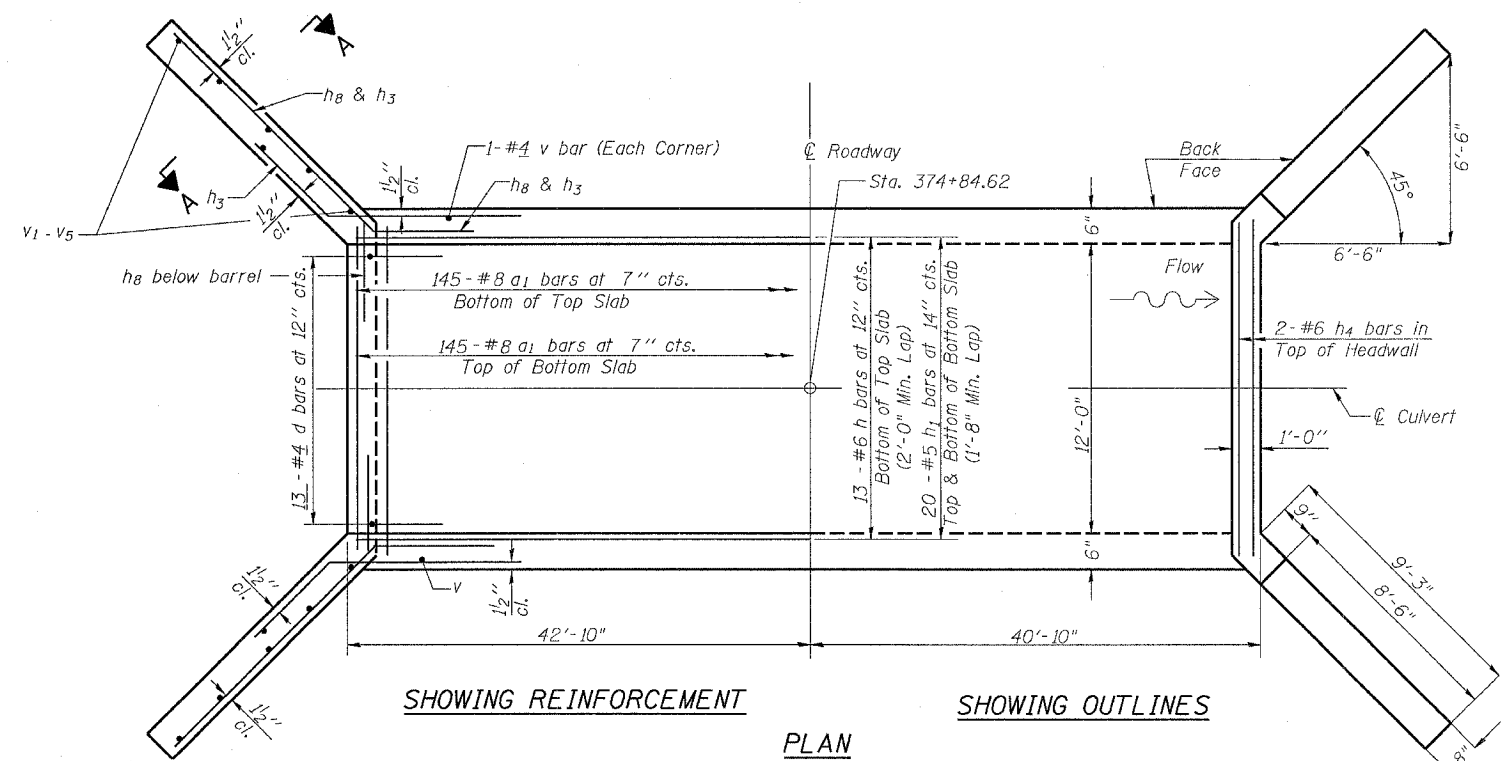


SECTION THRU BARREL

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a1	290	#8	14'-6"	
d	13	#4	4'-6"	
h (Stage I)	13	#6	40'-10"	—
h1 (Stage I)	22	#5	40'-10"	—
h2 (Stage I)	10	#5	40'-10"	—
h (Stage II)	13	#6	42'-10"	—
h1 (Stage II)	22	#5	42'-10"	—
h2 (Stage II)	10	#5	42'-10"	—
h3	16	#6	8'-0"	—
h4	14	#6	3'-6"	—
h5	4	#6	5'-10 1/3"	—
h6	12	#6	12'-5"	—
u	3	#6	31'-6 1/2"	—
v	226	#4	6'-2"	—
v1	4	#4	6'-5 3/4"	—
v2	4	#4	7'-2 5/8"	—
v3	8	#4	7'-11 3/8"	—
v4	4	#4	8'-10 9/16"	—
v5	4	#4	9'-2 3/32"	—

Concrete Box Culverts	Cu. Yd.	86.1
Reinforcement Bars	Pound	17418.7
Name Plate	Each	1



SHOWING REINFORCEMENT

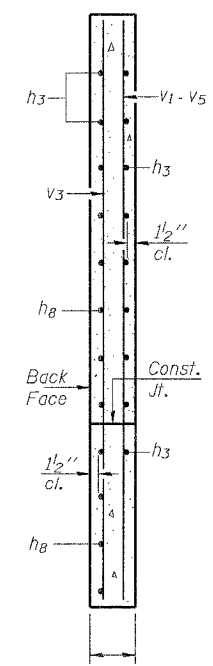
SHOWING OUTLINES

PLAN

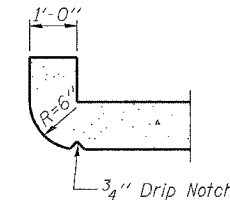
NOTES

A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls.
Reinforcement Bars shall conform to the requirements of AASHTO M-31, M-42 or M-53, Grade 60.
Bars indicated thus 12 x 4-#5 etc. indicates 12 lines of bars with 4 lengths per line.
All construction joints shall be bonded.
Design fill height = 6.5'
Bar splicers shall be installed at the staging line as shown on sheets 15 & 16

DESIGNED - TRACI HELFRICH	2006
CHECKED -	EXAMINED
DRAWN -	PASSED
CHECKED -	ENGINEER OF BRIDGES AND STRUCTURES



SECTION A-A



SECTION THRU HEADWALL
(Up Stream End Only)

DESIGN STRESSES

fy = 60,000 psi
f'c = 3,500 psi

LOADING HS 20-44 & ALT.

PLOT DATE = Wed Jan 17 14:46:02 2007
 FILE NAME = c:\pwork\ssb\211185.dwg
 USER NAME = traci
 USER NO. = 41214

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	217-1	STEPHENSON	64	37A
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

Contract # 64B4B

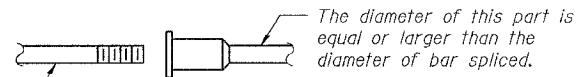
NOTES

Bar splicer assemblies shall be of an approved type and shall develop in tension at least 125 percent of the yield strength of the lapped reinforcement bars.
Splicer rods shall be of minimum 60 ksi yield strength, threaded or coiled full length.
All reinforcement bars shall be lapped and tied to the splicer rods or dowel bars.
Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars.
Other systems of similar design may be submitted to the Engineer for approval. Approval shall be based on certified test results from an approved testing laboratory that the proposed bar splicer assembly satisfies the following requirements:

- ① Minimum Capacity (Tension in kips) = $1.25 \times f_y \times A_1$
- ② Minimum *Pull-out Strength (Tension in kips) = $0.66 \times f_y \times A_1$

Where f_y = Yield strength of lapped reinforcement bars in ksi.
 A_1 = Tensile stress area of lapped reinforcement bars.
* = 28 day concrete

The diameter of this part is the same as the diameter of the bar spliced.



ROLLED THREAD DOWEL BAR



** ONE PIECE

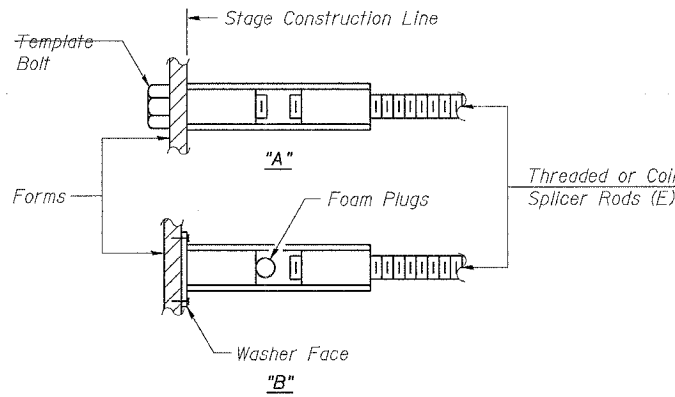
Wire Connector



WELDED SECTIONS

BAR SPLICER ASSEMBLY ALTERNATIVES

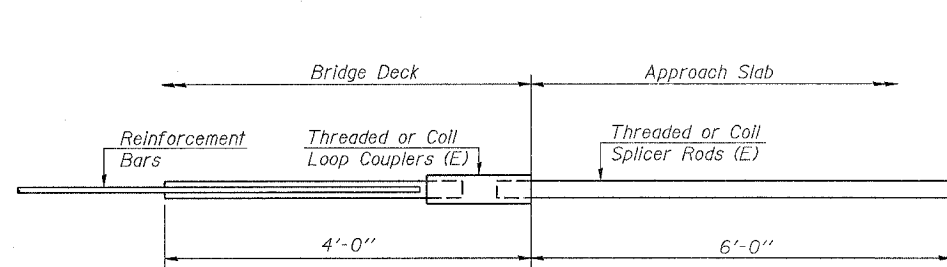
** Heavy Hex Nuts conforming to ASTM A 563, Grade C, D or DH may be used.



INSTALLATION AND SETTING METHODS

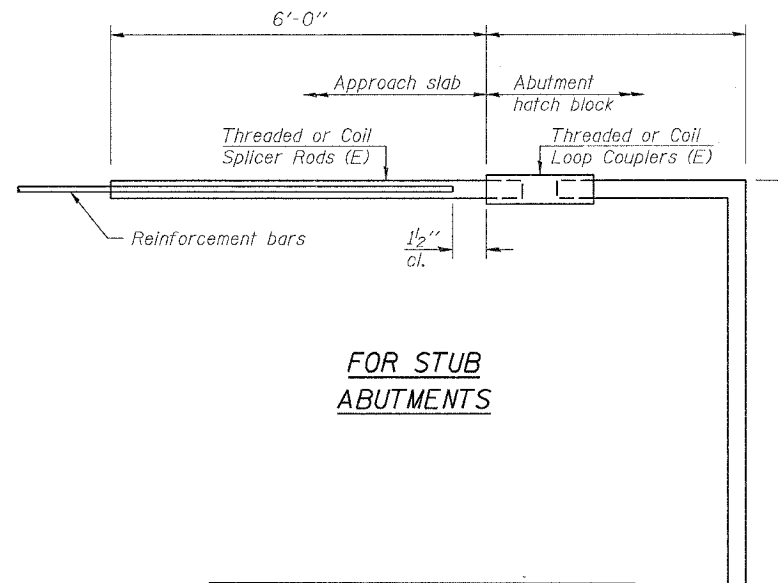
"A": Set bar splicer assembly by means of a template bolt.
"B": Set bar splicer assembly by nailing to wood forms or cementing to steel forms.
(E) : Indicates epoxy coating.

BAR SPLICER ASSEMBLIES			
Bar Size to be Spliced	Splicer Rod or Dowel Bar Length	Strength Requirements	
		Min. Capacity kips - tension	Min. Pull-Out Strength kips - tension
#4	1'-8"	14.7	7.9
#5	2'-0"	23.0	12.3
#6	2'-7"	33.1	17.4
#7	3'-5"	45.1	23.8
#8	4'-6"	58.9	31.3
#9	5'-9"	75.0	39.6
#10	7'-3"	95.0	50.3
#11	9'-0"	117.4	61.8



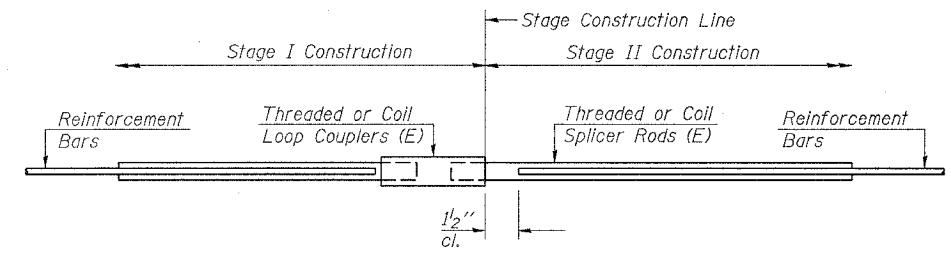
FOR INTEGRAL OR SEMI-INTEGRAL ABUTMENTS

Bar Splicer for #5 bar
Min. Capacity = 23.0 kips - tension
Min. Pull-out Strength = 12.3 kips - tension
No. Required =



FOR STUB ABUTMENTS

Bar Splicer for #5 bar
Min. Capacity = 23.0 kips - tension
Min. Pull-out Strength = 12.3 kips - tension
No. Required =



STANDARD

Bar Size	No. Assemblies Required	Location
#6	13	Stage Line - Sta 374+84.61
#5	32	Stage Line - Sta 374+84.61

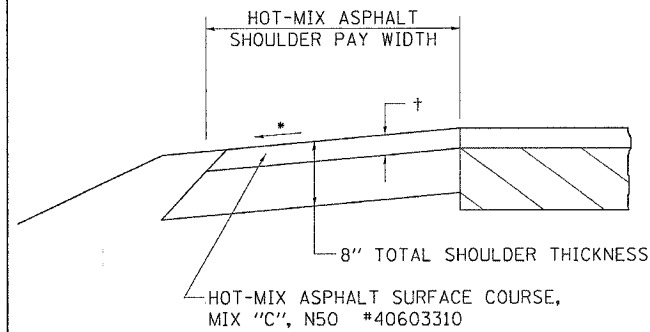
BAR SPLICER ASSEMBLY DETAILS

PLOT DATE = Wed Jan 17 14:44:08 2007
FILE NAME = c:\p2\proj\301\217\1185\11185.dwg
PLOT SCALE = 4.0000 / IN.
USER NAME = d12zlb04

DESIGNED -	200
CHECKED -	EXAMINED
DRAWN -	ENGINEER OF BRIDGE DESIGN
CHECKED -	PASSED
	ENGINEER OF BRIDGES AND STRUCTURES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	211-1	STEPHENSON	64	38
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

HOT-MIX ASPHALT SHOULDER



GENERAL NOTES

THE HOT-MIX ASPHALT SHOULDER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 482 EXCEPT THE TOP LIFT SHALL BE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 #40603310. THE WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 #40603310 AND SQUARE YARD FOR HOT-MIX ASPHALT SHOULDERS OF THE THICKNESS SPECIFIED.

USE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 #40603310. WHEN RESURFACING EXISTING HOT-MIX ASPHALT SHOULDERS. THE THICKNESS IS SHOWN ON THE TYPICAL SECTIONS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 #40603310.

REMOVAL OF MATERIAL FOR PLACEMENT OF THE HOT-MIX ASPHALT SHOULDER TO BE PAID FOR IN UNITS FOR EXCAVATING AND GRADING EXISTING SHOULDERS OR IN CUBIC YARDS FOR EARTH EXCAVATION OR EARTH EXCAVATION WIDENING.

* 4% WHEN MAINLINE IS ON TANGENT. FOR CROSS SLOPE ON SUPERELEVATION SECTION, SEE HIGHWAY STANDARD 482001 OR 482006.

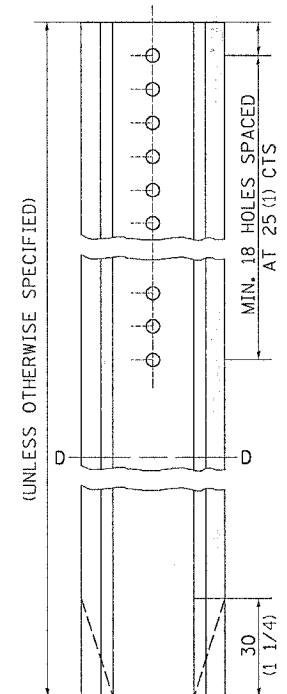
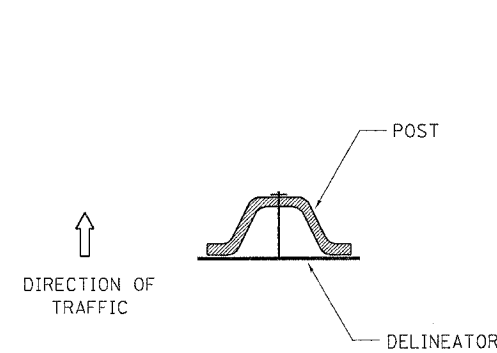
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

† = SEE TYPICAL SECTIONS FOR THICKNESS

HOT-MIX ASPHALT SHOULDER 23.4a

REVISED 10-06-06

DELINEATOR AND POST ORIENTATION



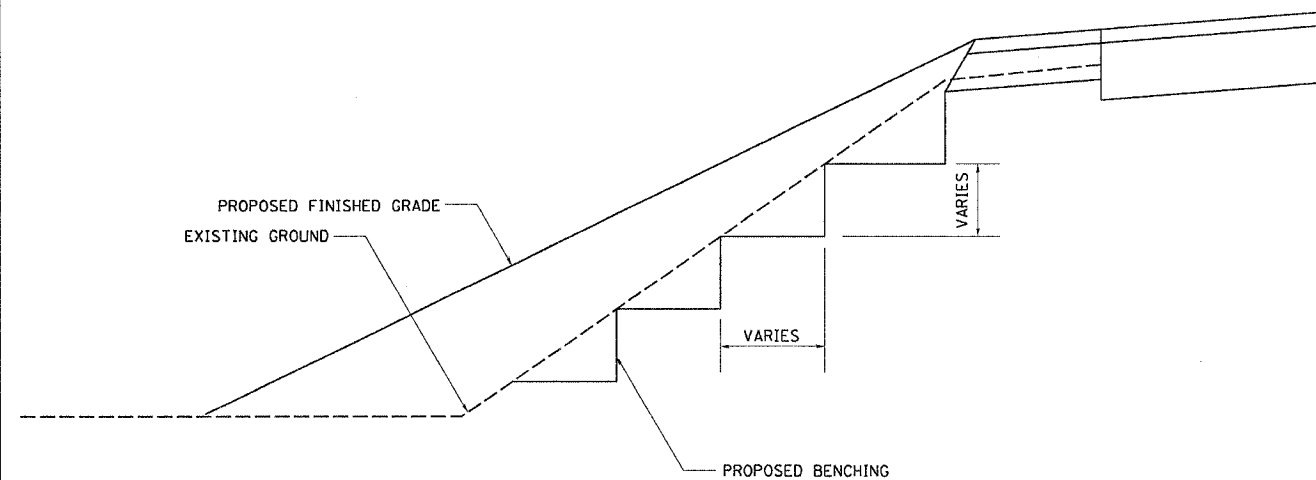
DELINEATORS SHALL BE INSTALLED ACCORDING TO STANDARD 635001 EXCEPT THAT THE POST SHALL BE ROTATED 180°. THE POST WILL HAVE THE WIDE SIDE FACING TRAFFIC AND THE DELINEATOR ATTACHED AS SHOWN ABOVE.

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

DELINEATOR AND POST ORIENTATION 37.4

REVISED 1-31-00

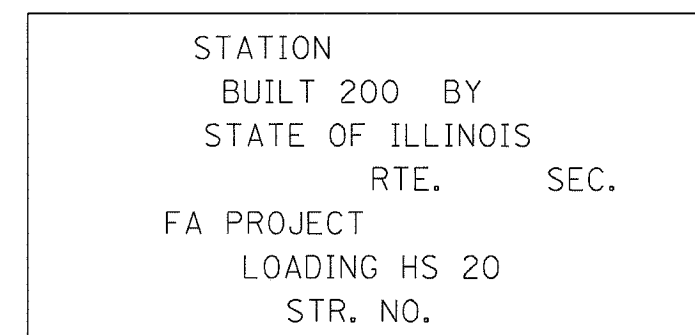
TYPICAL BENCHING ON EXISTING EMBANKMENT



TYPICAL BENCHING ON EXISTING EMBANKMENT 50.4

REVISED 2-22-06

LETTERING FOR NAME PLATE



SEE STD. 515001

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

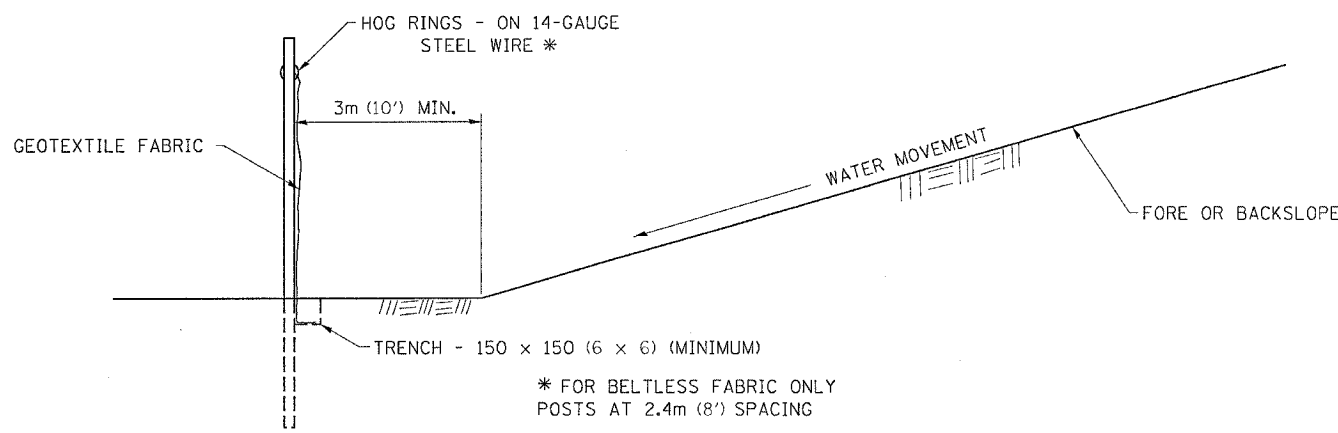
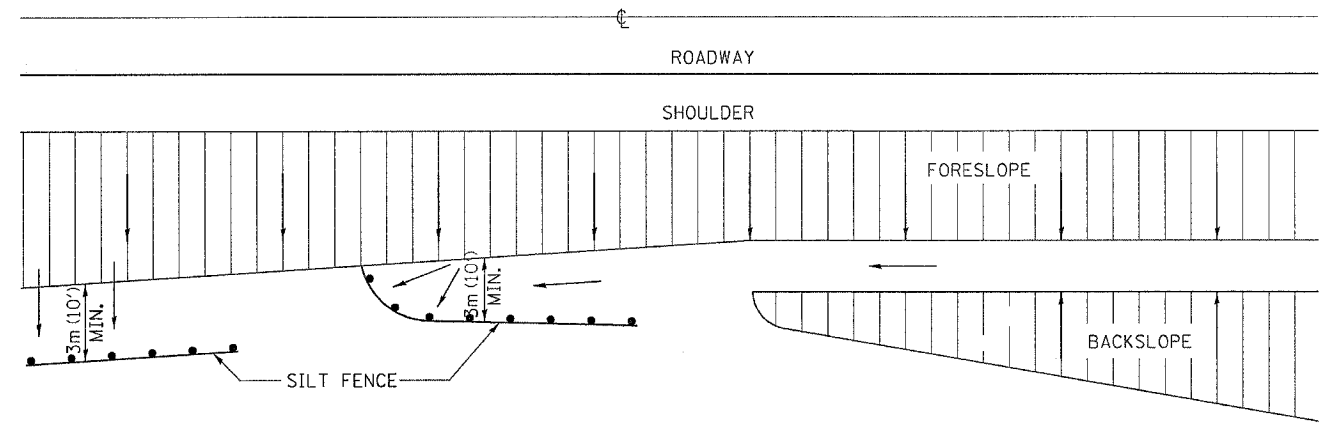
LETTERING FOR NAME PLATE 89.4

REVISED 10-15-04

PLOT DATE = Mon Dec 11 09:14:18 2006
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 REFERENCE = REF#

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	21T-1	STEPHENSON	64	40
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

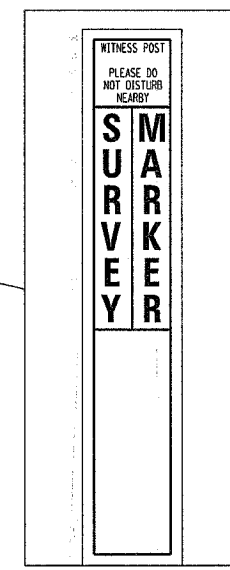
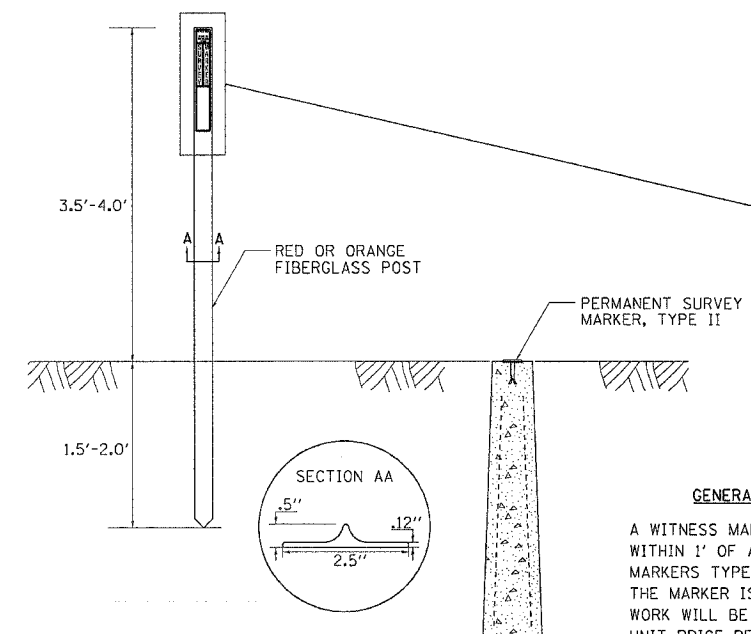
EROSION CONTROL DETAILS FOR SILT FENCE



DETAILS OF SILT FENCE

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

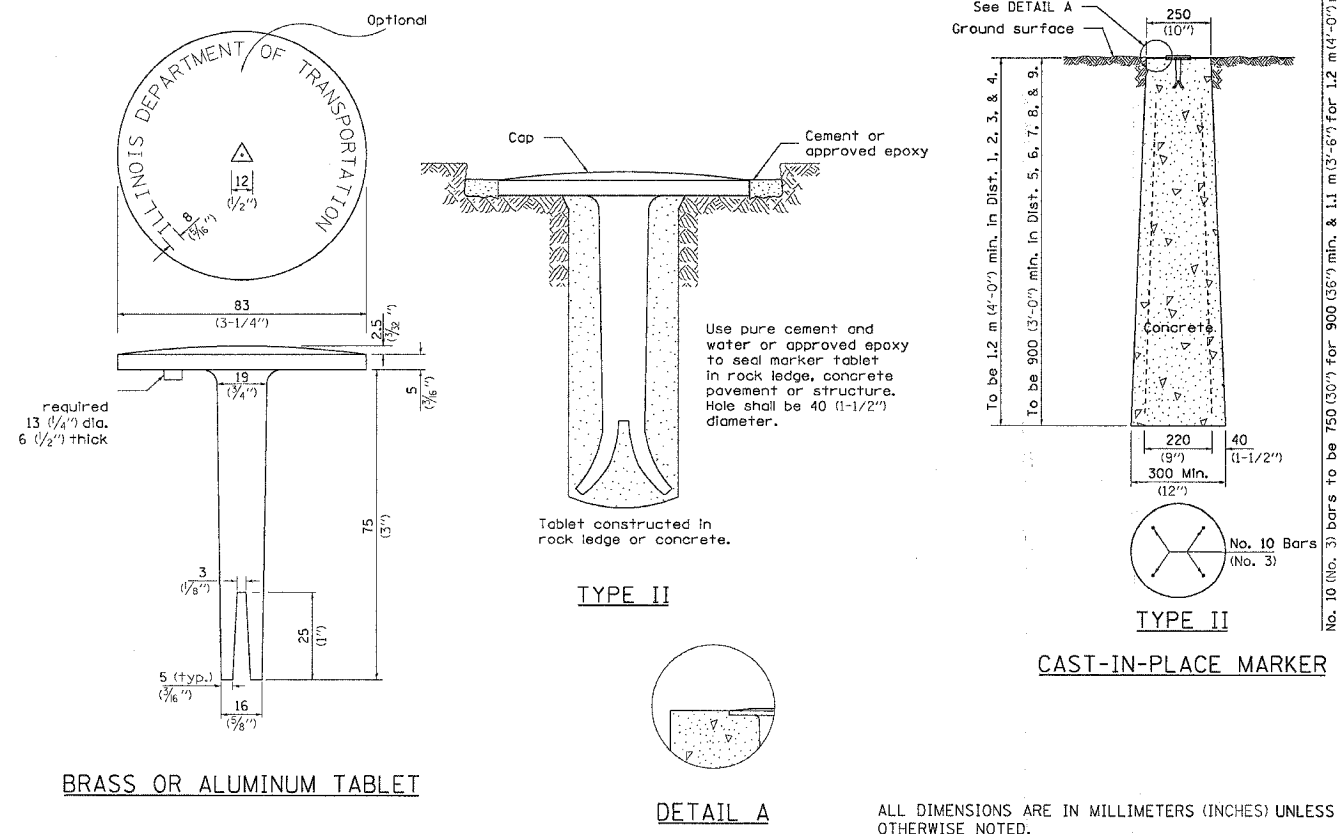
WITNESS MARKER FOR PERMANENT SURVEY MARKERS, TYPE II



GENERAL NOTES

A WITNESS MARKER SHALL BE INSTALLED WITHIN 1' OF ALL PERMANENT SURVEY MARKERS TYPE II EXCEPT IN AREAS WHERE THE MARKER IS IN THE SIDEWALK. THIS WORK WILL BE INCLUDED TO THE CONTRACT UNIT PRICE PER EACH FOR PERMANENT SURVEY MARKERS, TYPE II.

PERMANENT SURVEY MARKERS, TYPE II



TYPE II

DETAIL A

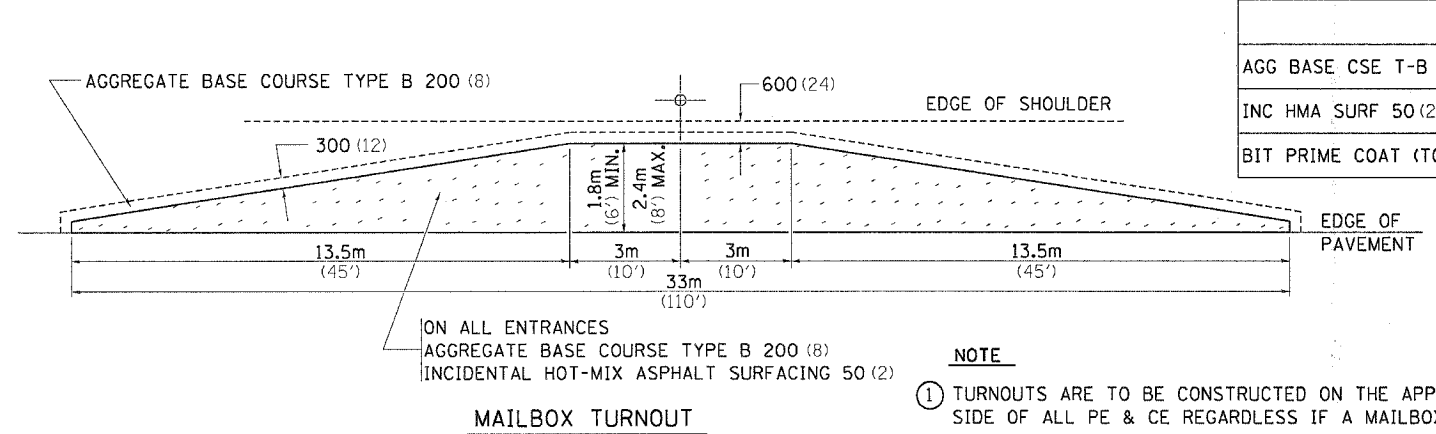
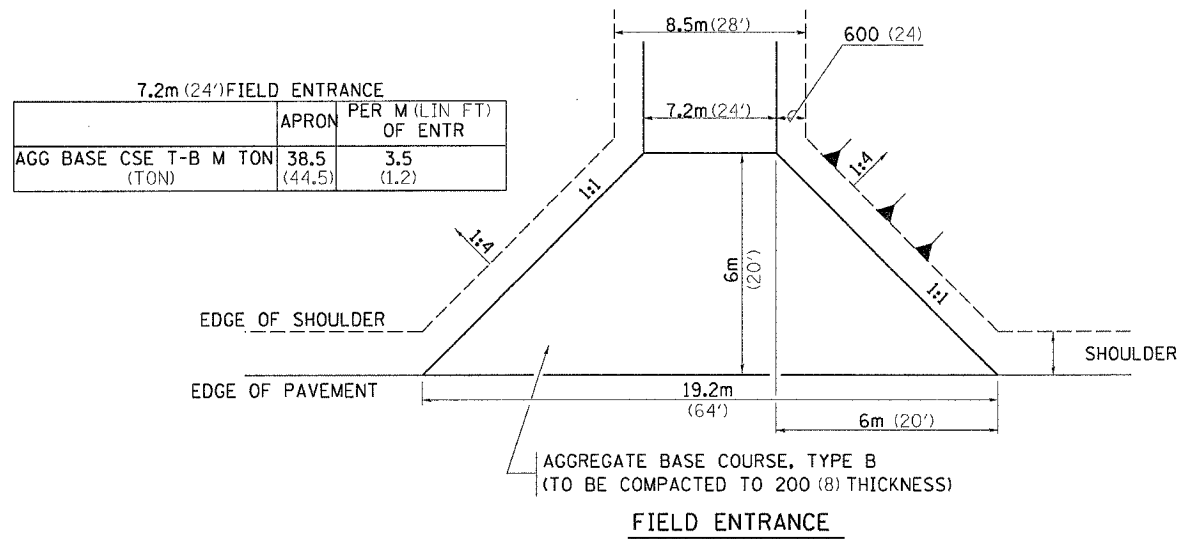
CAST-IN-PLACE MARKER

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

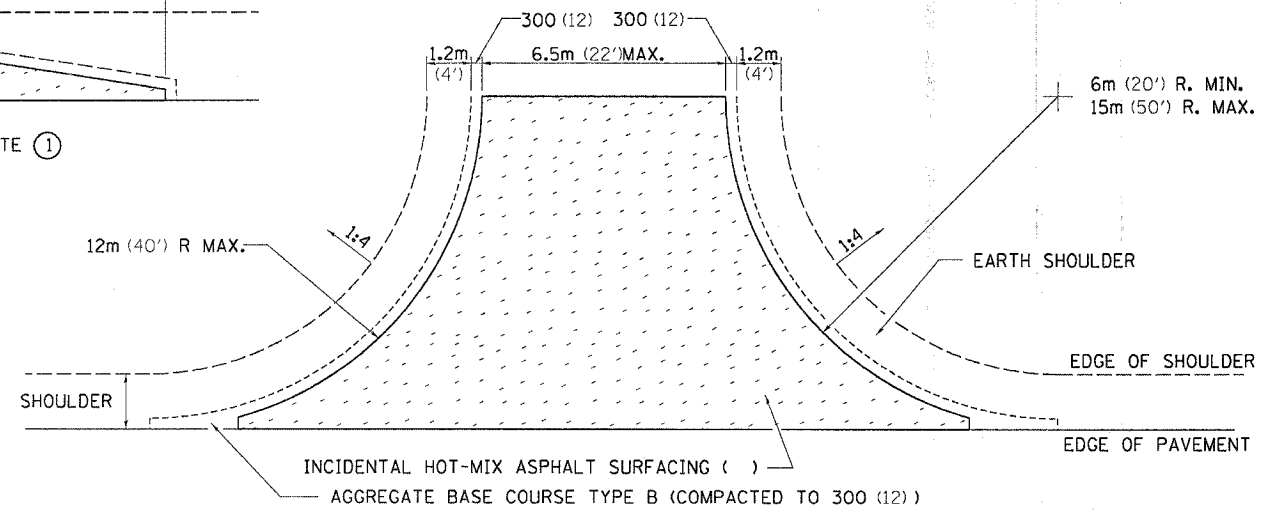
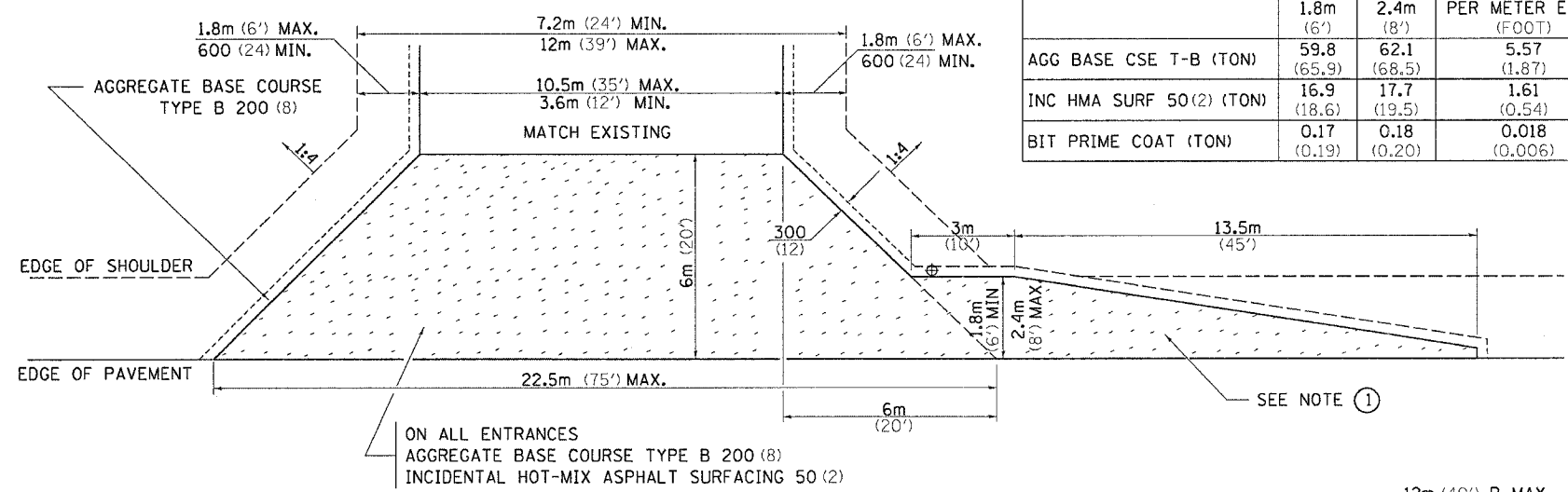
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 REFERENCE = 000000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	21T-1	STEPHENSON	64	42
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

HOT-MIX ASPHALT APPROACHES & MAILBOX RETURNS



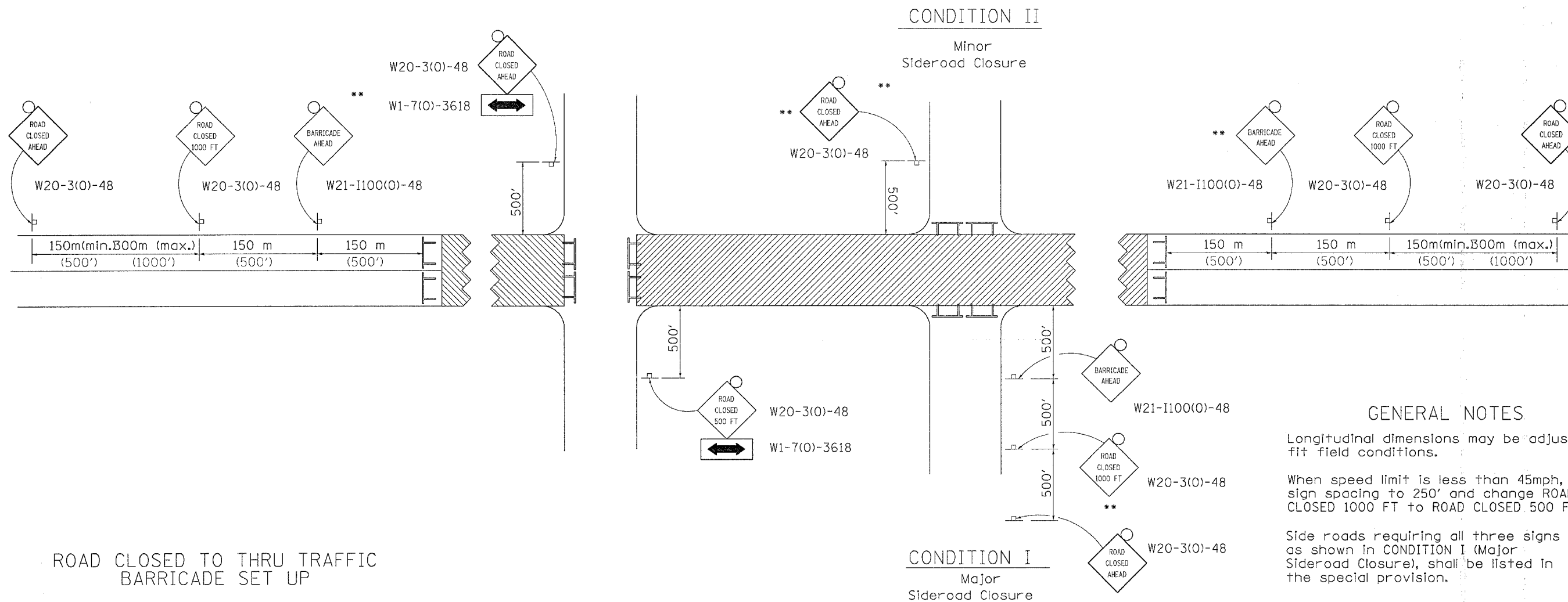
- NOTE**
- TURNOUTS ARE TO BE CONSTRUCTED ON THE APPROACH SIDE OF ALL PE & CE REGARDLESS IF A MAILBOX IS PRESENT.
 - ALL PE & CE ARE TO BE SURFACED TO RIGHT OF WAY LINE. AREA BEHIND RIGHT OF WAY SHALL MATCH EXISTING SURFACE.
 - FE ARE TO BE AGGREGATE TO RIGHT OF WAY OR TOUCH DOWN, WHICH EVER IS GREATEST.
 - QUANTITIES ARE CALCULATED WITH 1' BITUMINOUS SHOULDER IN PLACE. AGGREGATE QUANTITIES SHOWN ARE FOR NEW CONSTRUCTION.
 - EXCAVATION REQUIRED FOR PLACEMENT OF AGGREGATE BASE COURSE SHALL BE CONSIDERED INCIDENTAL TO THE AGGREGATE BASE COURSE.
 - ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.



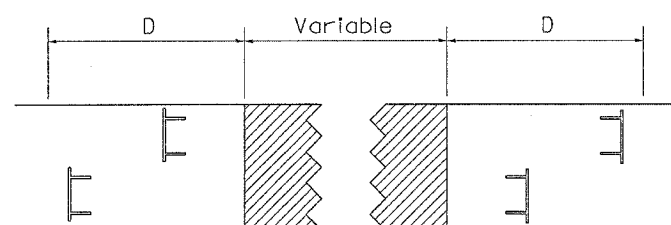
PLT DATE = Mon Dec 11 09:41:17 2006
FILE NAME = c:\pav\asphalt\21t1105\dl1105plg.dgn
CLOT SCALE = 1/8" = 1' / IN.
REFERENCE = SHEET 6

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	21T-1	STEPHENSON	64	43
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

TRAFFIC CONTROL FOR ROAD CLOSURE

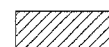




ROAD CLOSED TO THRU TRAFFIC BARRICADE SET UP



Type III Barricades and R11-4-4830 signs shall be as shown in "Road Closed To All Thru Traffic" detail on Highway Standard 702001. If the distance "D" exceeds 600 m (2000') an additional set of barricades and R11-4-4830 shall be placed at each end of the work area.

SYMBOLS

-  Work area
-  Type III Barricade with Flashers
-  Sign with flashing light

GENERAL NOTES

Longitudinal dimensions may be adjusted to fit field conditions.

When speed limit is less than 45mph, change sign spacing to 250' and change ROAD CLOSED 1000 FT to ROAD CLOSED 500 FT.

Side roads requiring all three signs as shown in CONDITION I (Major Sideroad Closure), shall be listed in the special provision.

** Where local access is to be maintained, barricades are to be set up as shown in Road Closed to thru traffic.

Type III Barricades and R11-2-4830 signs shall be as shown in "Road Closed To All Traffic" detail on Highway Standard 702001.

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

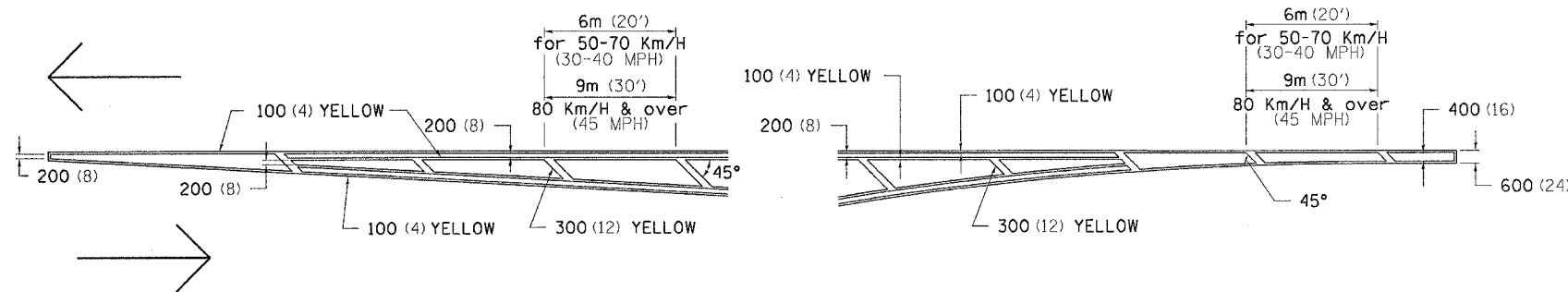
TYPICAL APPLICATION FOR ROAD CLOSURE

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 REFERENCE = REF

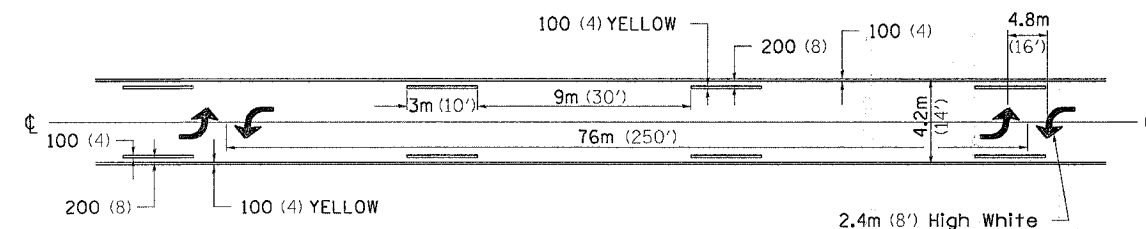
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	21T-1	STEPHENSON	64	44
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

TYPICAL PAVEMENT MARKINGS

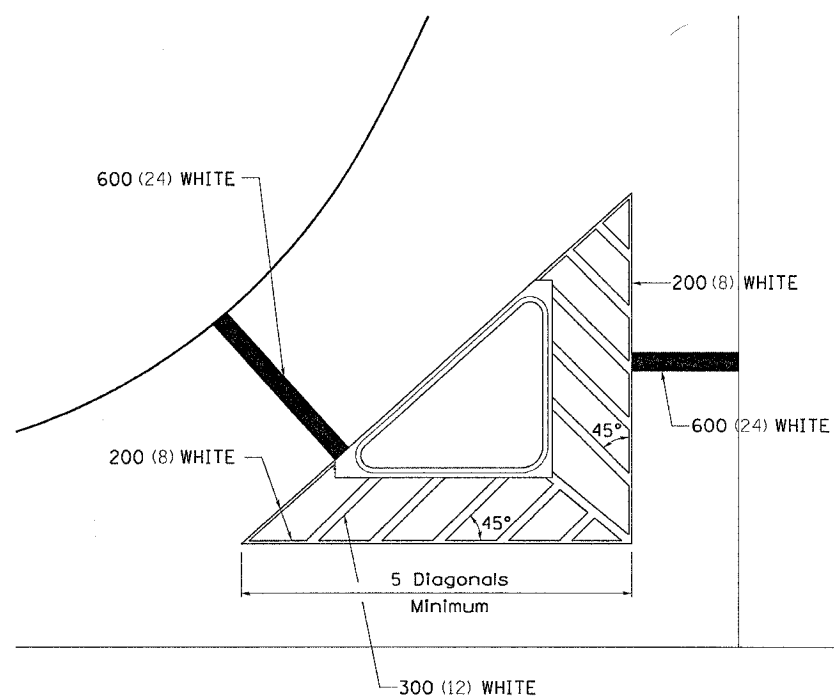
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE



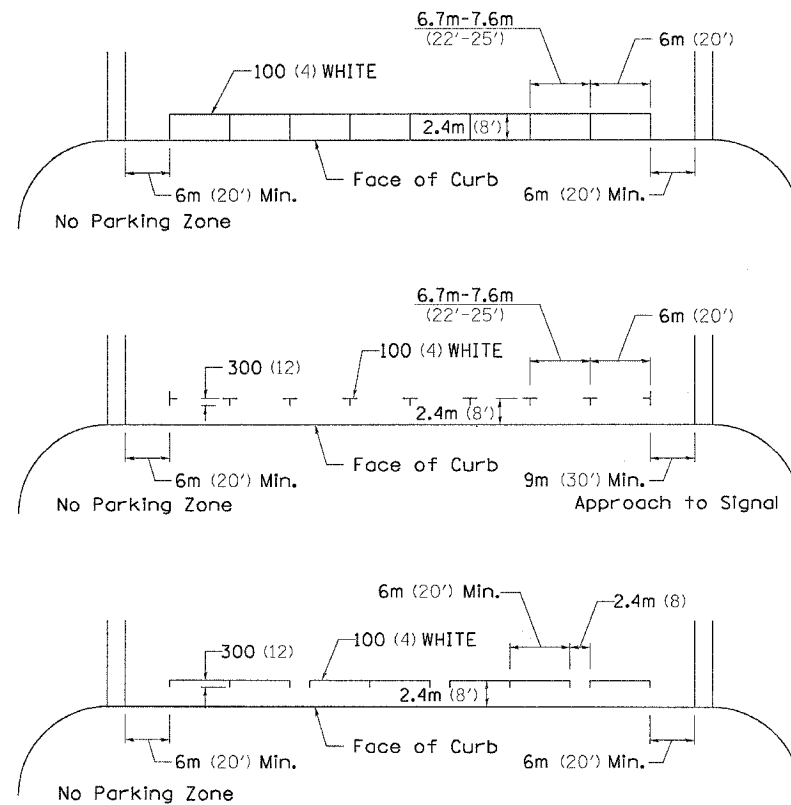
MEDIAN PAVEMENT MARKING



TYPICAL ISLAND OFFSET SHOULDER WIDTH

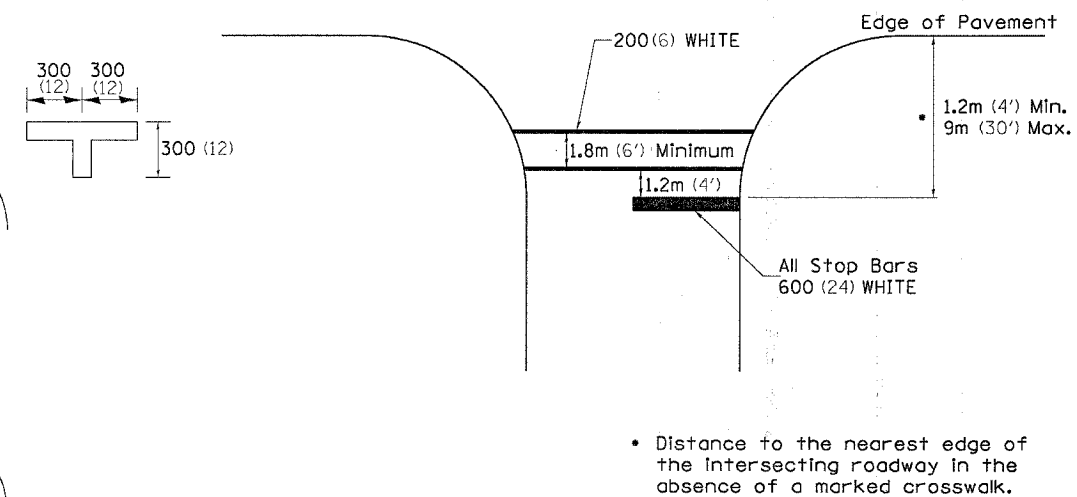


TYPICAL PARKING SPACING



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

STANDARD CROSSWALK MARKING
See Schedules for Locations

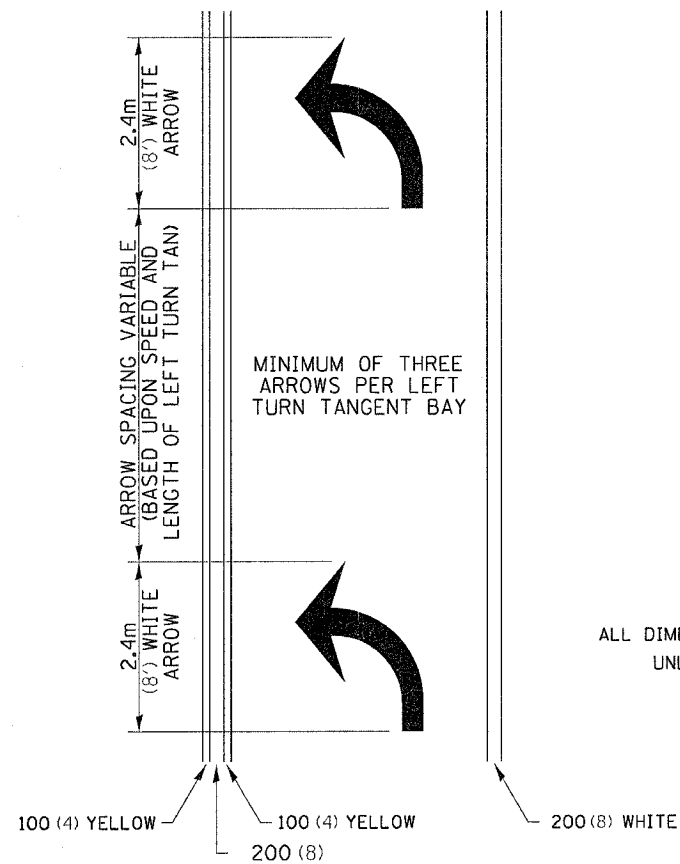


PLT DATE = Mon Dec 11 09:14:16 2006
FILE NAME = s:\pavement\pav-21185-d11185pldgn
LOT SCALE = 50:2000 = 1" = 50'
REFERENCE = SHEET 44

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	21T-1	STEPHENSON	64	45
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

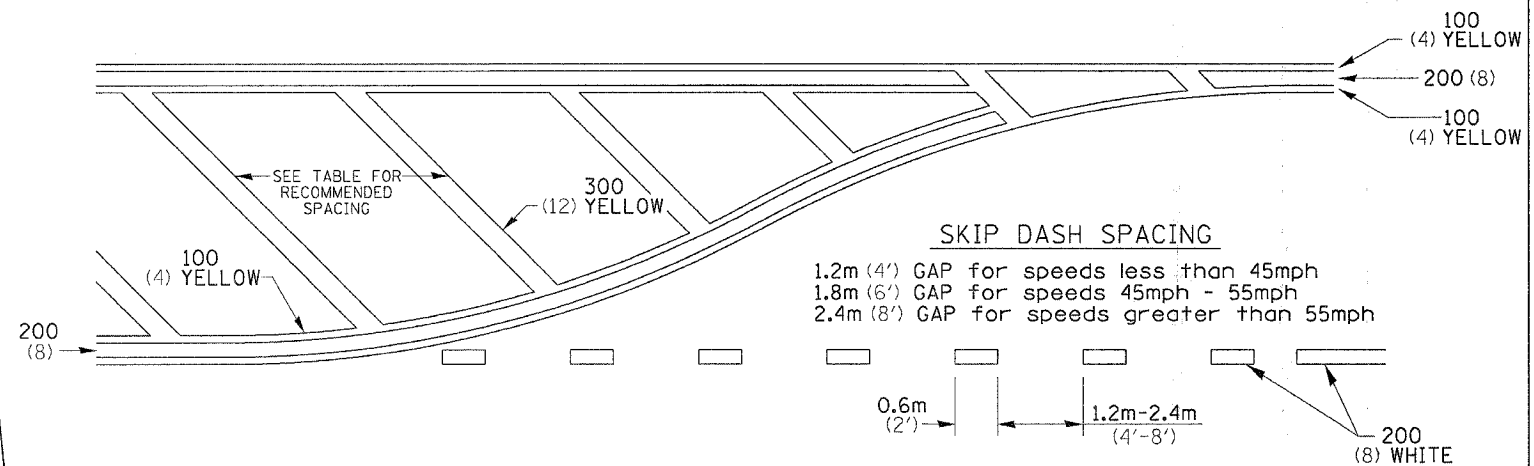
TYPICAL PAVEMENT MARKINGS

ARROW LAYOUT



12.2m
6 at (40') O.C.
APPROACH SIDE ONLY

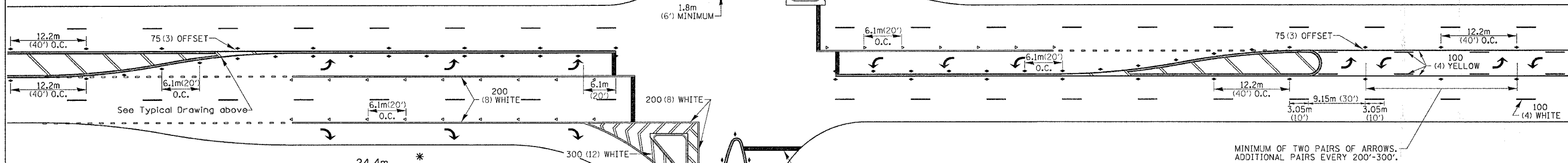
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



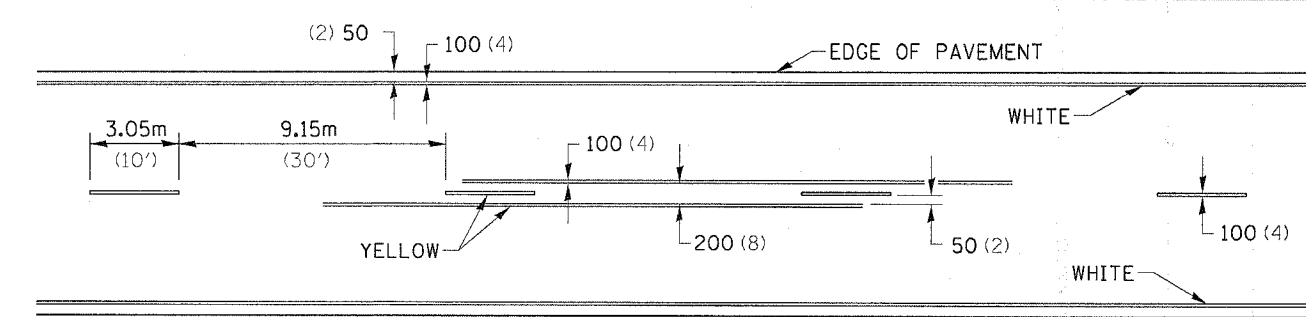
RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

Speed Limit Range	Continuous Median Area	Intersection Channelization	Objects (Islands)
less than 50Km/H (30MPH)	15.3m (50')	4.53m (15')	3.05m (10')
50-60Km/H (30-40MPH)	22.9m (75')	6.1m (20')	4.53m (15')
70Km/H (45MPH) & over	22.9m (75')	9.05m (30')	6.1m (20')

NOTE: If the spacing recommended in the Table does not permit at least five diagonal lines in the area being marked, the spacing from the next lowest speed range should be used. The recommended spacing is measured parallel to the pavement center line.



TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION - NO PASSING ZONES



SYMBOLS

- * REDUCE TO 12.2m (40') O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 15km/H (10MPH) LOWER THAN POSTED SPEEDS.
- ** USE DOUBLE MARKERS WHEN ADT ≥ 25,000

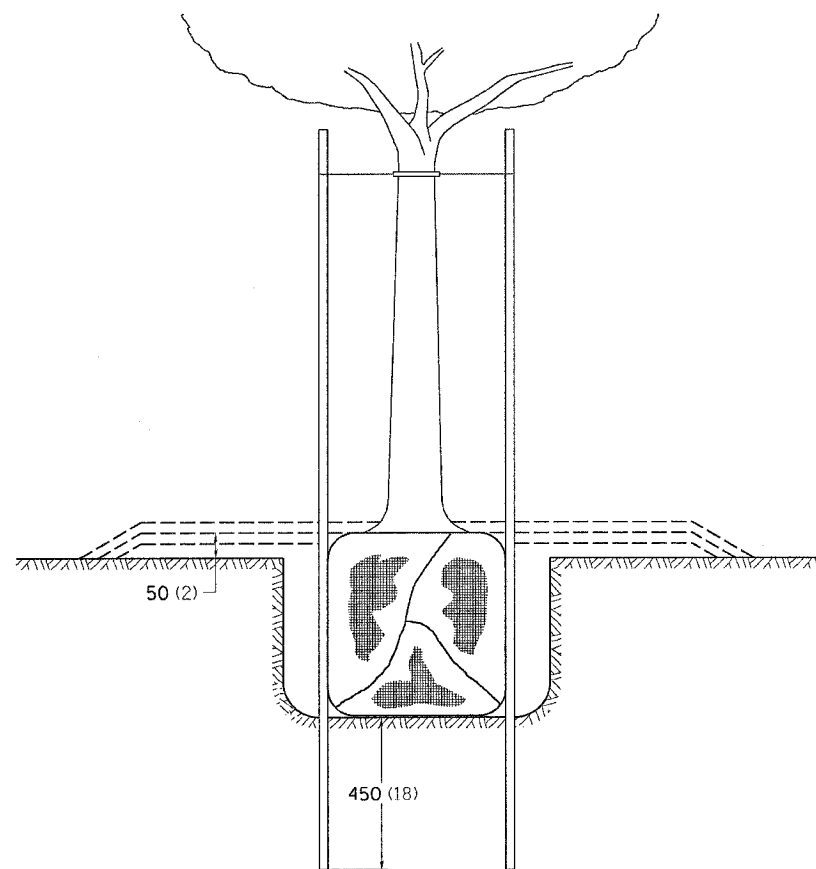
MULTI-LANE / UNDIVIDED

12.2m
6 at (40') O.C.
APPROACH SIDE ONLY

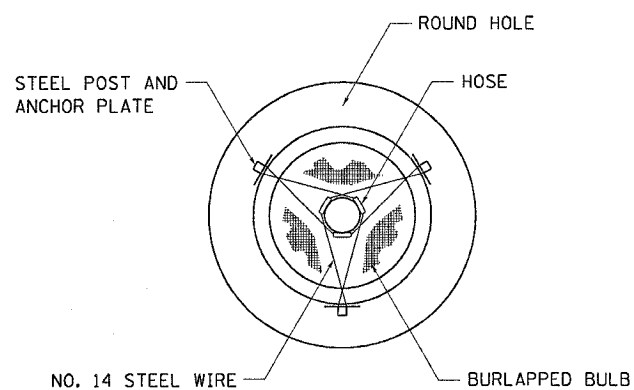
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	21T-1	STEPHENSON	64	46
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DETAILS OF PLANTING AND BRACING TREES

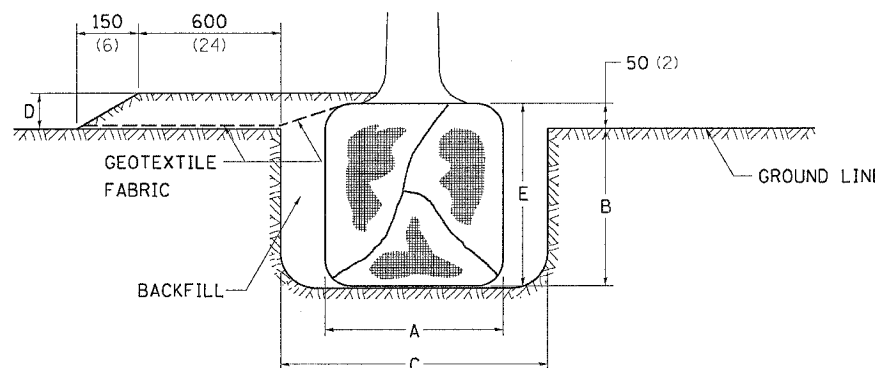


TREES SMALLER THAN 115 (4 1/2) IN DIAMETER

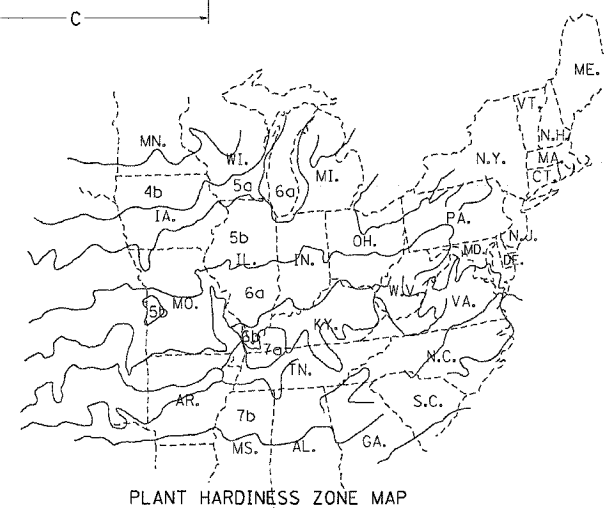


SMALL	A	B	C	D	E	F
TREE SIZE	DIAMETER OF BALL OR ROOT SYS.	DEPTH OF HOLE EXCAVATION	WIDTH OF HOLE EXCAVATION	THICKNESS OF MULCH COVER	DEPTH OF BALL OR ROOT SYS.	VOLUME OF MULCH COVER m ³ (CU. YDS.)
1.5-1.8m (5'-6')	400 (16)	250 (10)	750 (30)	100 (4)	300 (12)	0.41 (0.54)
1.5-1.8m (5'-6') BB	400 (16)	250 (10)	750 (30)	100 (4)	300 (12)	0.41 (0.54)
1.8-2.0m (6'-7') BB	450 (18)	300 (12)	750 (30)	100 (4)	350 (14)	0.41 (0.54)
2.0-2.4m (7'-8') BB	500 (20)	275 (11)	750 (30)	100 (4)	325 (13)	0.41 (0.54)
2.4-3.0m (8'-10') BB	600 (24)	350 (14)	900 (36)	100 (4)	400 (16)	0.47 (0.61)
3.0-3.6m (10'-12') BB	650 (26)	375 (15)	900 (36)	100 (4)	425 (17)	0.47 (0.61)

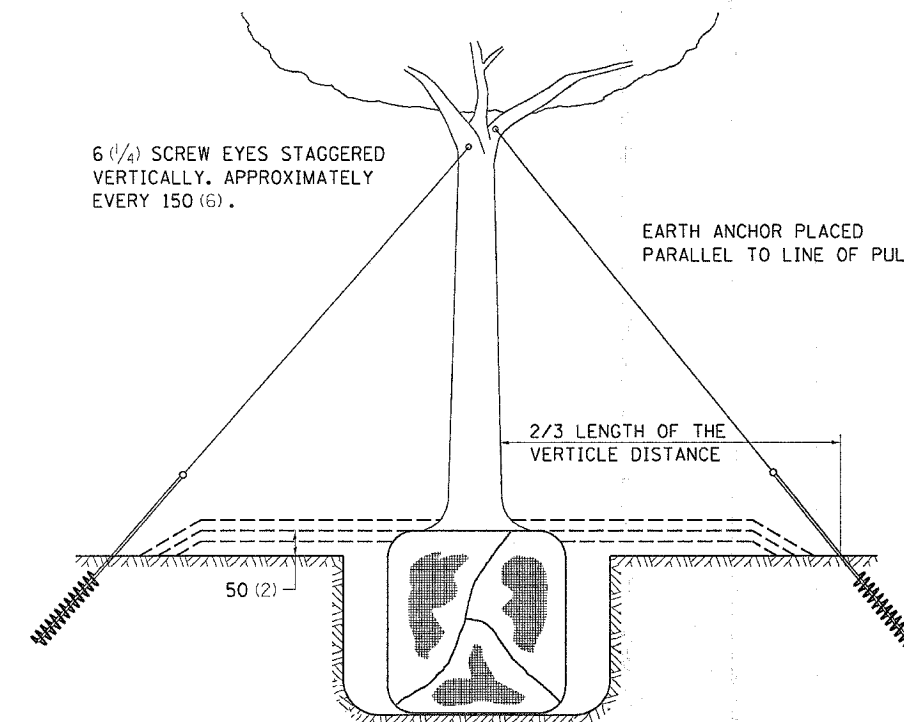
LARGE	A	B	C	D	E	F
TREE SIZE	DIAMETER OF BALL OR ROOT SYS.	DEPTH OF HOLE EXCAVATION	WIDTH OF HOLE EXCAVATION	THICKNESS OF MULCH COVER	DEPTH OF BALL OR ROOT SYS.	VOLUME OF MULCH COVER m ³ (CU. YDS.)
0-50 (0-2)	500 (20)	275 (11)	900 (36)	100 (4)	325 (13)	0.47 (0.61)
50-65 (2-2 1/2) BB	600 (24)	350 (14)	1200 (48)	100 (4)	400 (16)	0.60 (0.78)
65-75 (2 1/2-3) BB	700 (28)	425 (17)	1200 (48)	100 (4)	475 (19)	0.60 (0.78)
75-90 (3-3 1/2) BB	800 (32)	425 (17)	1500 (60)	100 (4)	475 (19)	0.73 (0.96)
90-100 (3 1/2-4) BB	900 (36)	500 (20)	1500 (60)	100 (4)	550 (22)	0.73 (0.96)
100-115 (4-4 1/2) BB	1000 (40)	550 (22)	1800 (72)	100 (4)	600 (24)	0.89 (1.16)
115-125 (4 1/2-5) BB	1100 (44)	600 (24)	1800 (72)	100 (4)	650 (26)	0.89 (1.16)
125-140 (5-5 1/2) BB	1200 (48)	675 (27)	2100 (84)	100 (4)	725 (29)	1.06 (1.38)



TREES OVER 115 (4 1/2) IN DIAMETER



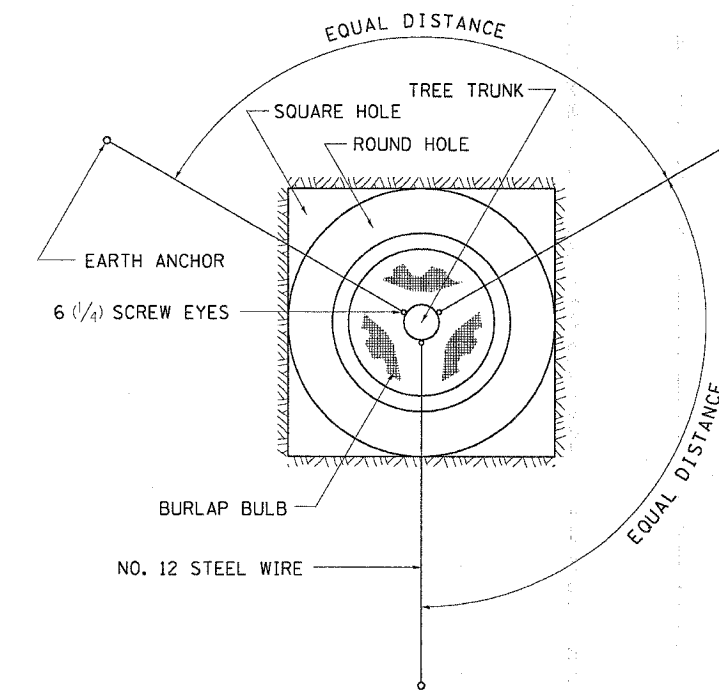
PLANT HARDINESS ZONE MAP
U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
PUBLICATION NO. 814



6 (1/4) SCREW EYES STAGGERED VERTICALLY, APPROXIMATELY EVERY 150 (6) .

EARTH ANCHOR PLACED PARALLEL TO LINE OF PULL.

2/3 LENGTH OF THE VERTICLE DISTANCE



EQUAL DISTANCE

TREE TRUNK

SQUARE HOLE

ROUND HOLE

EARTH ANCHOR

6 (1/4) SCREW EYES

BURLAP BULB

NO. 12 STEEL WIRE

EQUAL DISTANCE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	21T-1	STEPHENSON	64	47
STA. 369+87.0000 TO STA. 370+67.1061				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

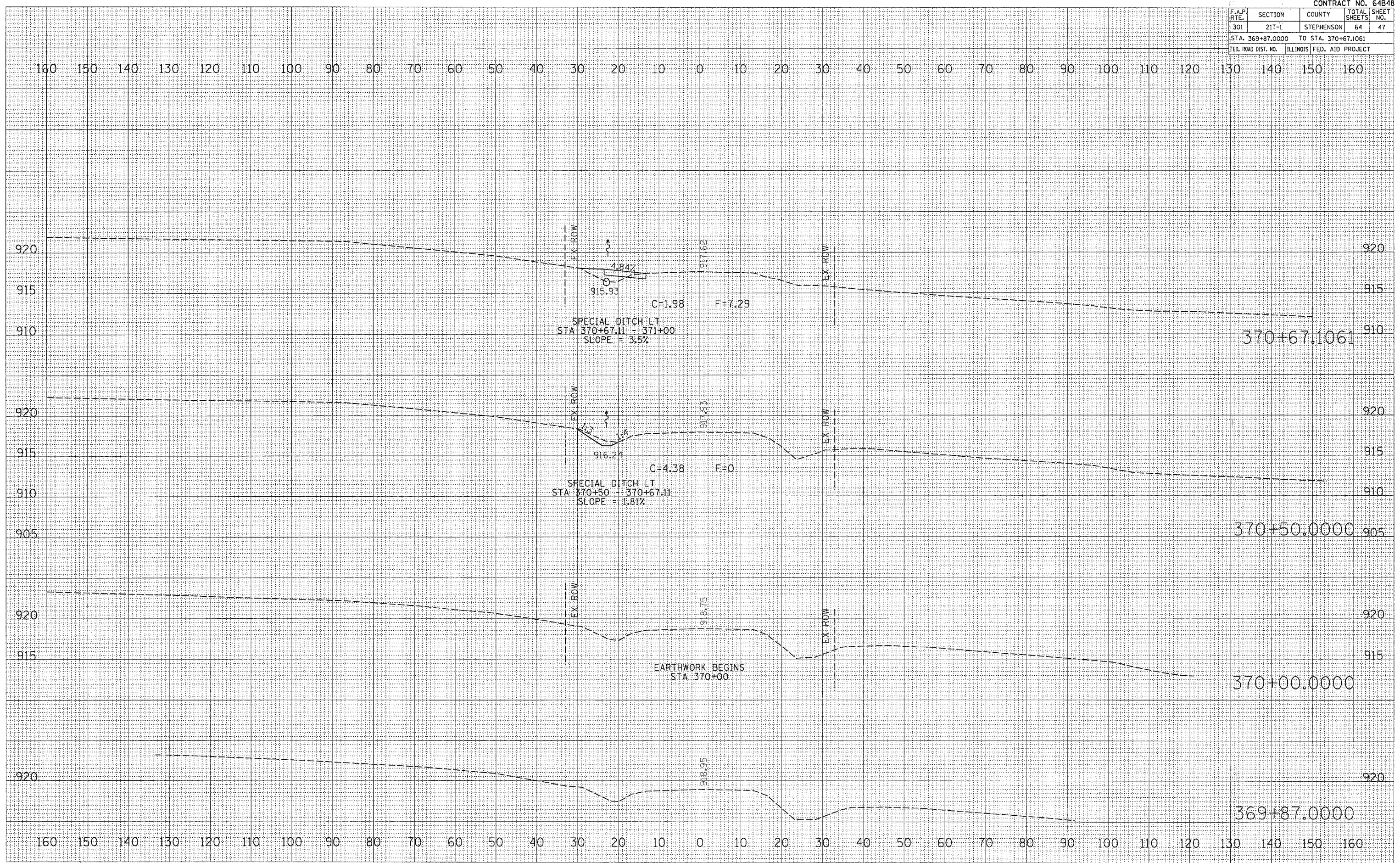
DATE	BY

NO.	AREAS CHECKED	NOTE BOOK	PLOTTED	SURVEY	FINAL SURVEY

DATE	BY

NO.	AREAS CHECKED	NOTE BOOK	PLOTTED	SURVEY	ORIGINAL SURVEY

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 USER NAME = p211095



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	21T-1	STEPHENSON	64	48
STA. 370+86.0000 TO STA. 372+00.0000				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY NOTE BOOK NO. _____

DATE	BY

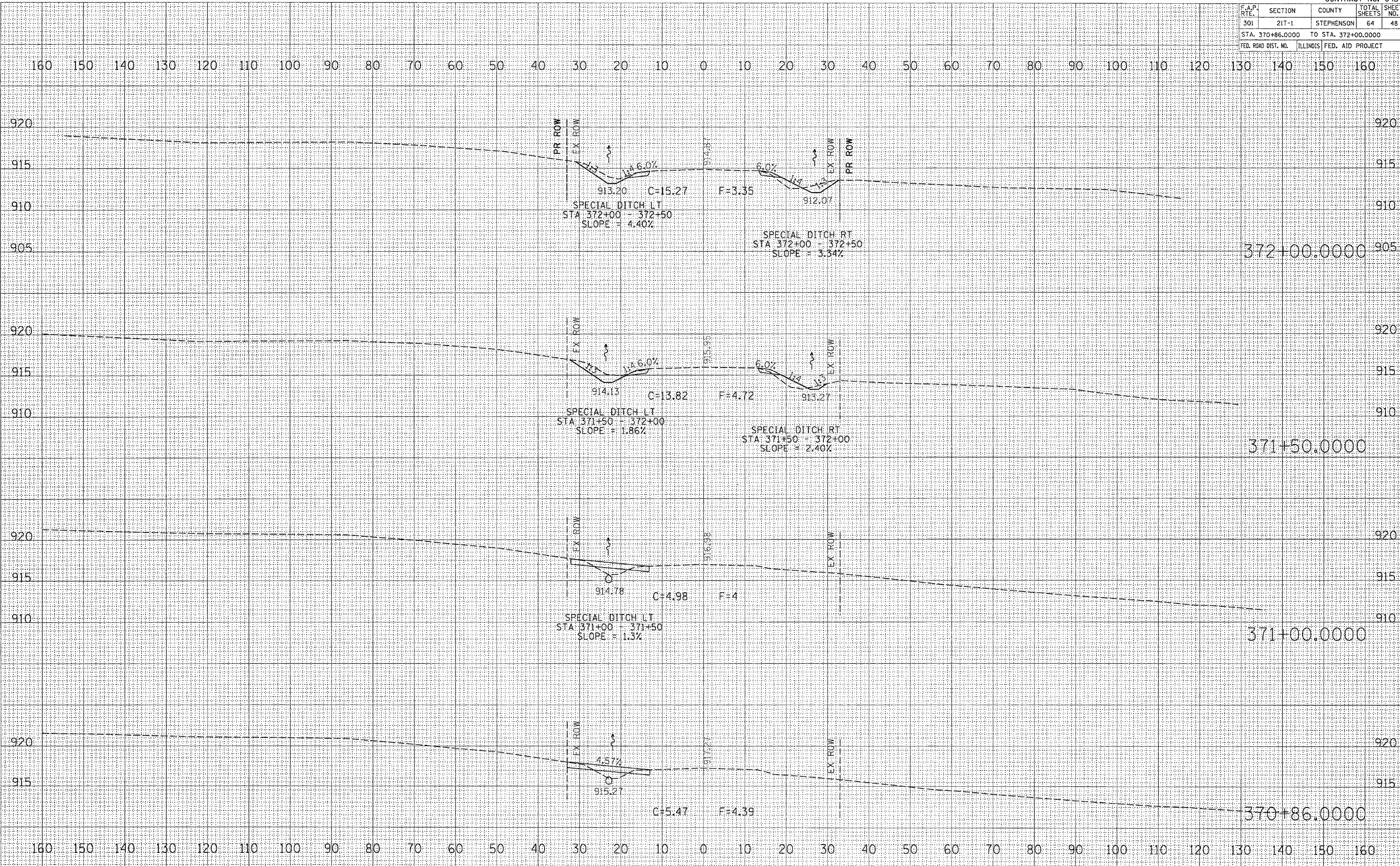
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 PLOTTED _____
 LATE AREAS CHECKED _____
 AREAS CHECKED _____

ORIGINAL SURVEY NOTE BOOK NO. _____

DATE	BY

SURVEYED _____
 PLOTTED _____
 LATE AREAS CHECKED _____
 AREAS CHECKED _____

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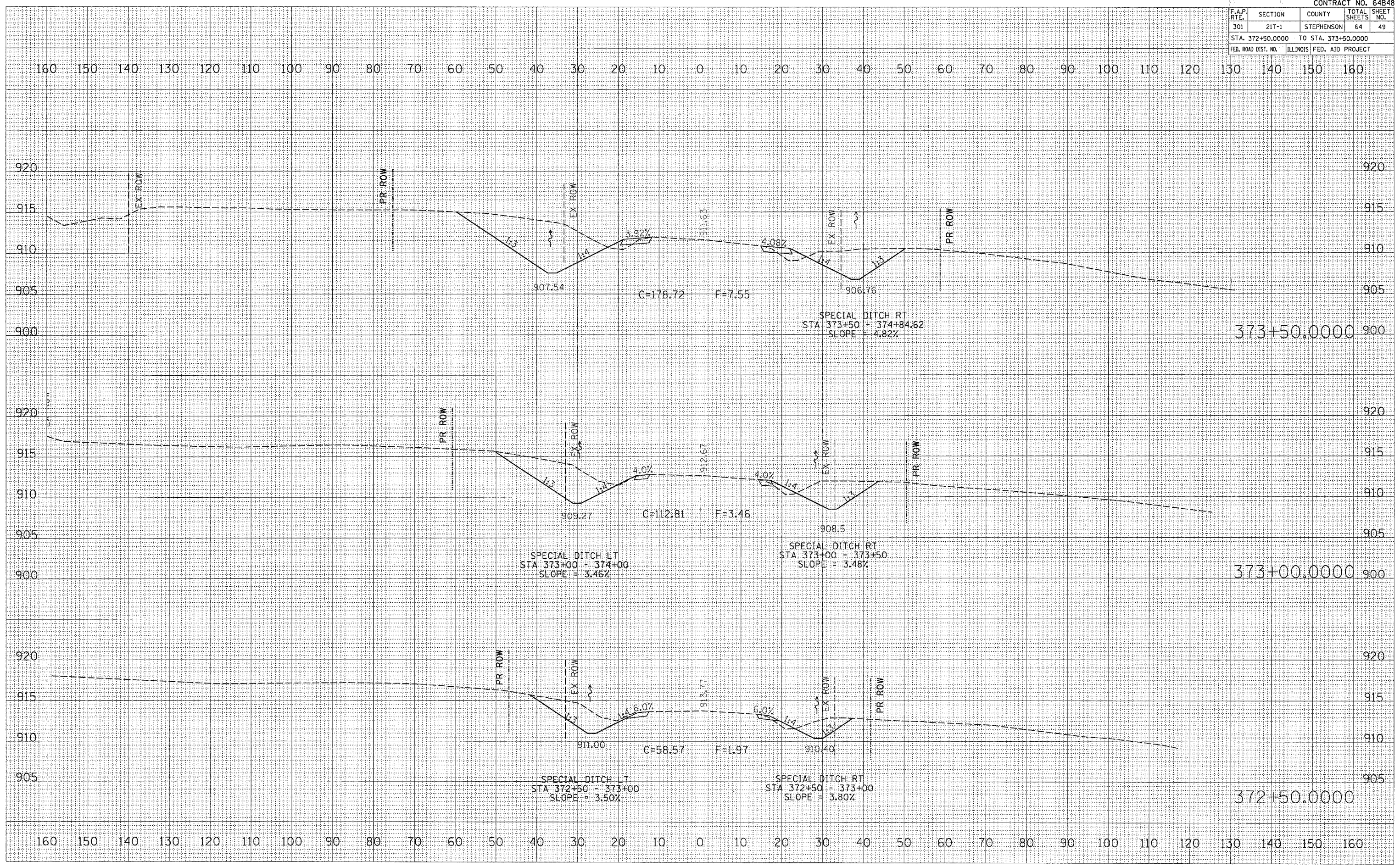


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	21T-1	STEPHENSON	64	49
STA. 372+50.0000 TO STA. 373+50.0000				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FINAL SURVEY	DATE
COMPILED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
BY	

ORIGINAL SURVEY	DATE
COMPILED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
BY	

PLOT DATE = Mon Dec 11 09:55:08 2006
 FILE NAME = s:\projects\64b48\1185.dwg
 PLOT SCALE = 1/8" = 1' IN.
 USER NAME = jwernerj



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	21T-1	STEPHENSON	64	50
STA. 374+00.0000 TO STA. 374+50.0000				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

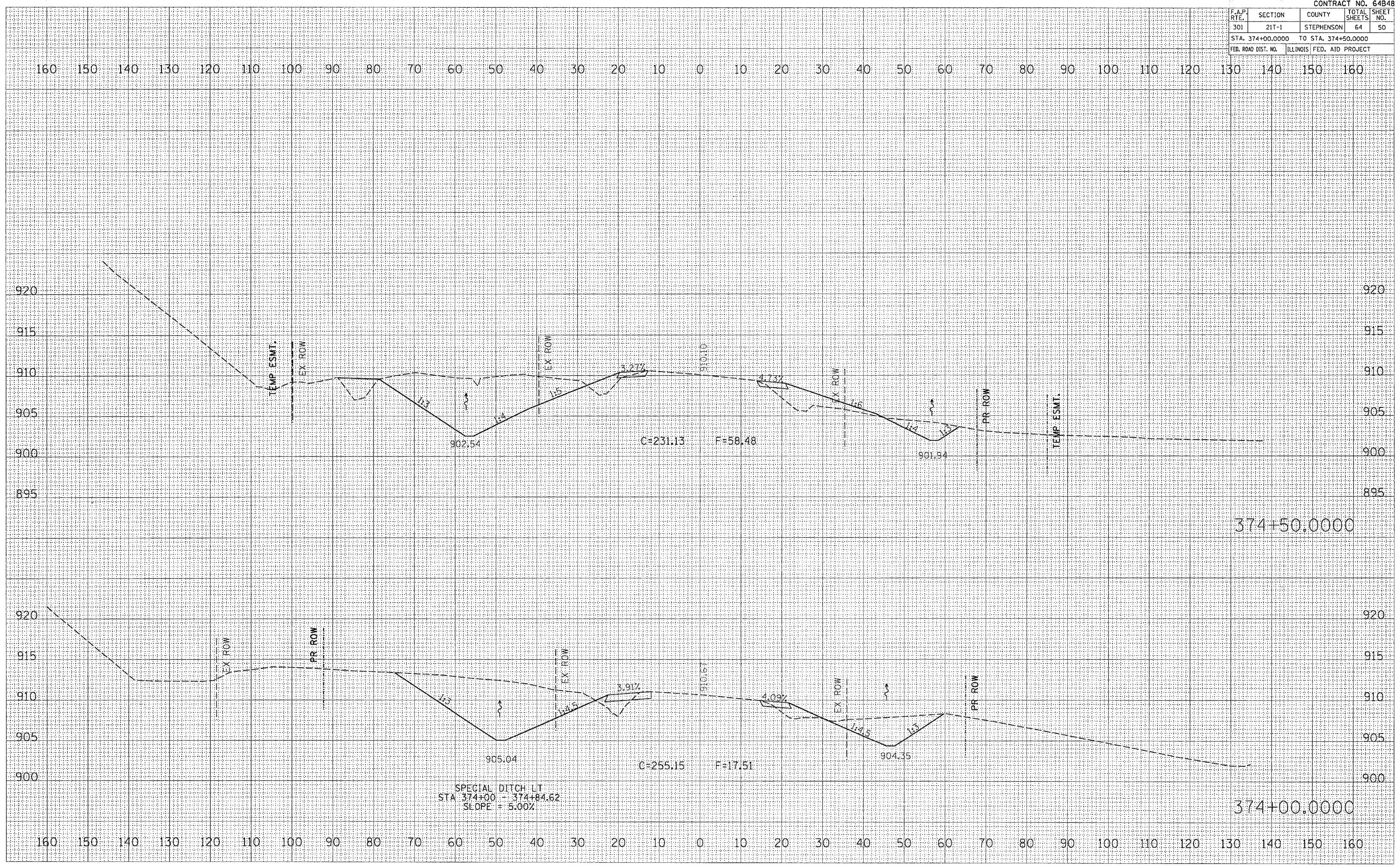
DATE	BY

FINAL SURVEY	CHECKED
NOTE BOOK	PLATTED
AREAS CHECKED	AREAS CHECKED

DATE	BY

ORIGINAL SURVEY	CHECKED
NOTE BOOK	PLATTED
AREAS CHECKED	AREAS CHECKED

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 USER NAME = jwheelerj



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	21T-1	STEPHENSON	64	51
STA. 374+84.6125		TO STA. 375+00.0000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY NOTE BOOK NO. _____

DATE _____

BY _____

TEMPERATURE AREAS CHECKED

ORIGINAL SURVEY NOTE BOOK NO. _____

DATE _____

BY _____

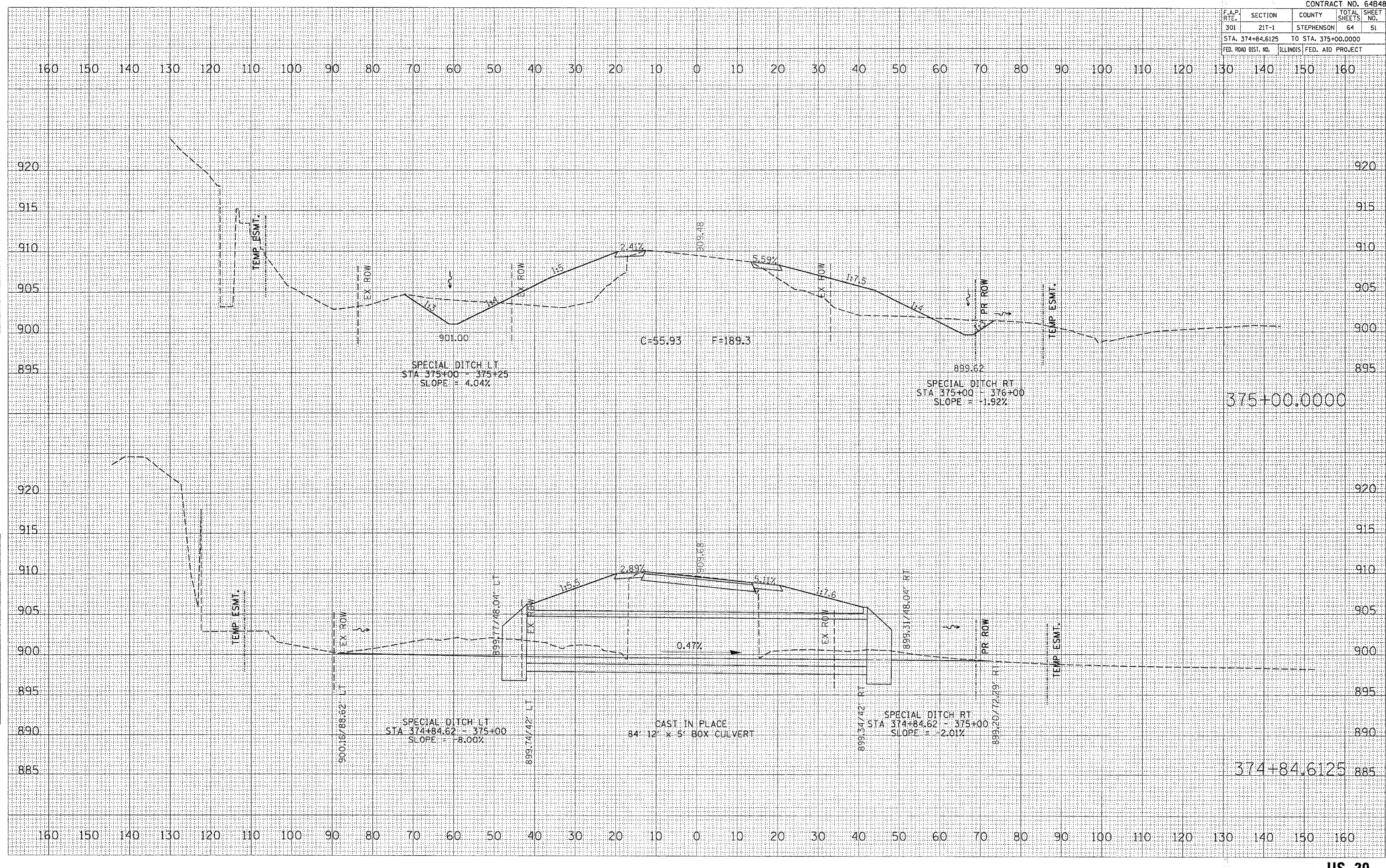
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USER NAME = rekeshj

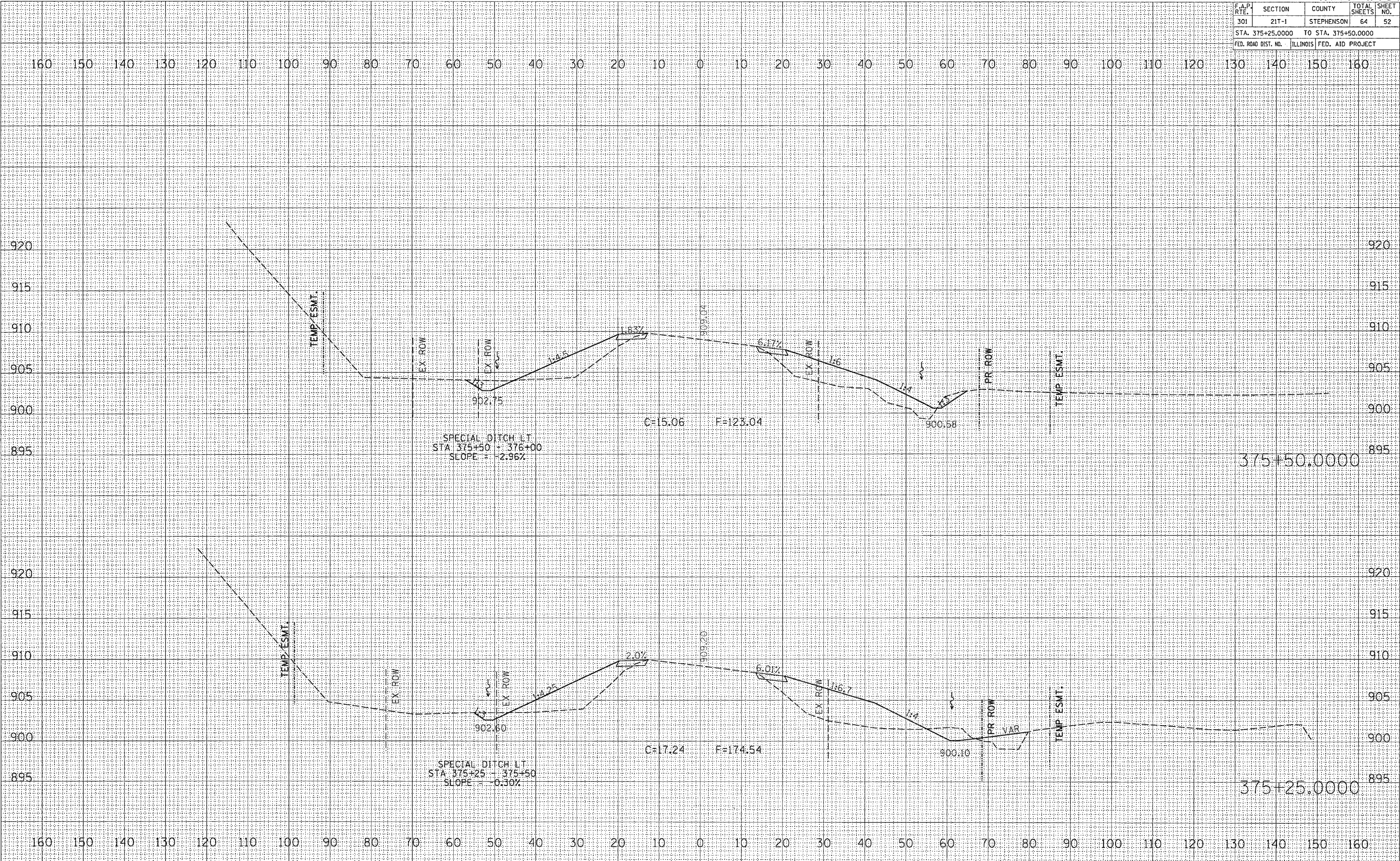


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	21T-1	STEPHENSON	64	52
STA. 375+25.0000		TO STA. 375+50.0000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	
BY	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	

PLOT DATE = Mon Dec 11 09:54:09 2006
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 PLOT SCALE = 10.00000 / IN.
 USER NAME = pcrkcalj



CONTRACT NO. 64B48				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	21T-1	STEPHENSON	64	53
STA. 376+00.0000		TO STA. 376+50.0000		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	BY	DATE
NOTE BOOK		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
NOTE BOOK		
AREAS CHECKED		
NO.		

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 USER NAME = renkaej

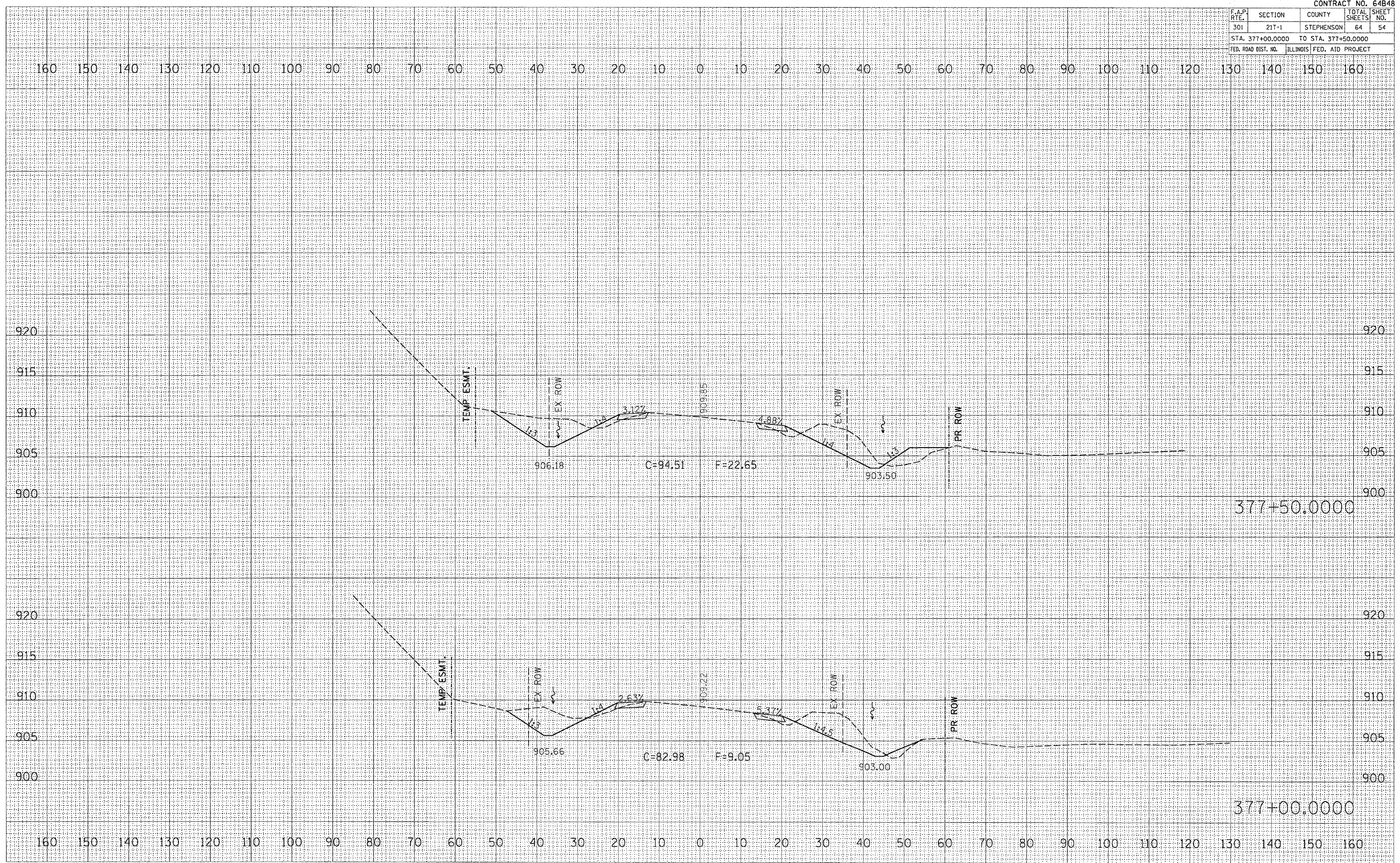


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	21T-1	STEPHENSON	64	54
STA. 377+00.0000 TO STA. 377+50.0000				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DATE	
BY	
REVISIONS	
PLotted	
TEMPERATURE	
AREAS CHECKED	
NO.	

DATE	
BY	
REVISIONS	
PLotted	
TEMPERATURE	
AREAS CHECKED	
NO.	

PLOT DATE = Mon Dec 11 09:15:10 2006
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 PLOT SCALE = 80.0000 / IN.
 USER NAME = vsmeslj



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	21F-1	STEPHENSON	64	56
STA. 379+00.0000 TO STA. 380+00.0000				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

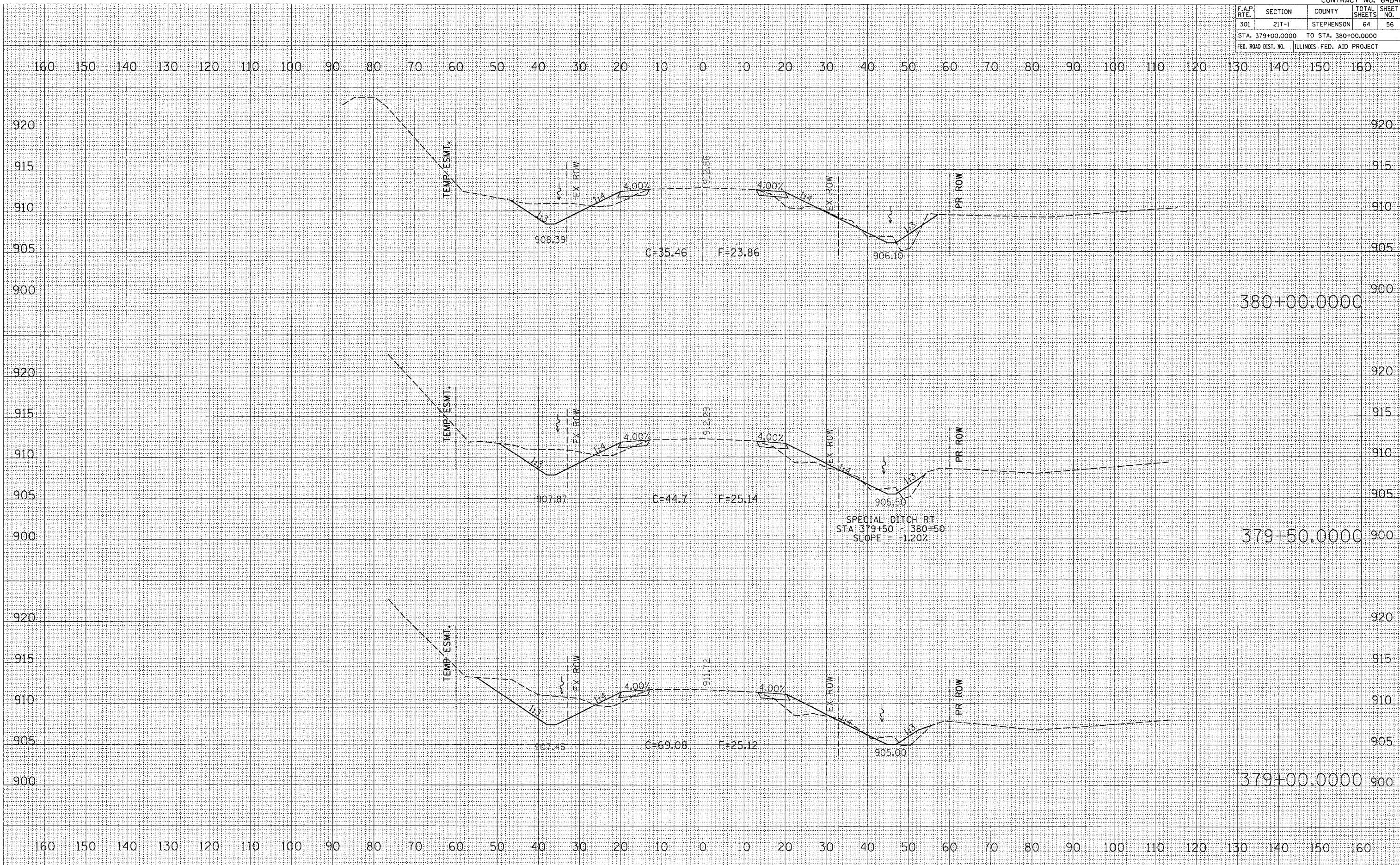
DATE	BY

FINAL SURVEY	REVISIONS
NOTE BOOK	PLotted
NO.	AREAS CHECKED

DATE	BY

ORIGINAL SURVEY	REVISIONS
NOTE BOOK	PLotted
NO.	AREAS CHECKED

PLOT DATE * Mon Dec 11 09:15:11 2006
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USER NAME * jessicaj

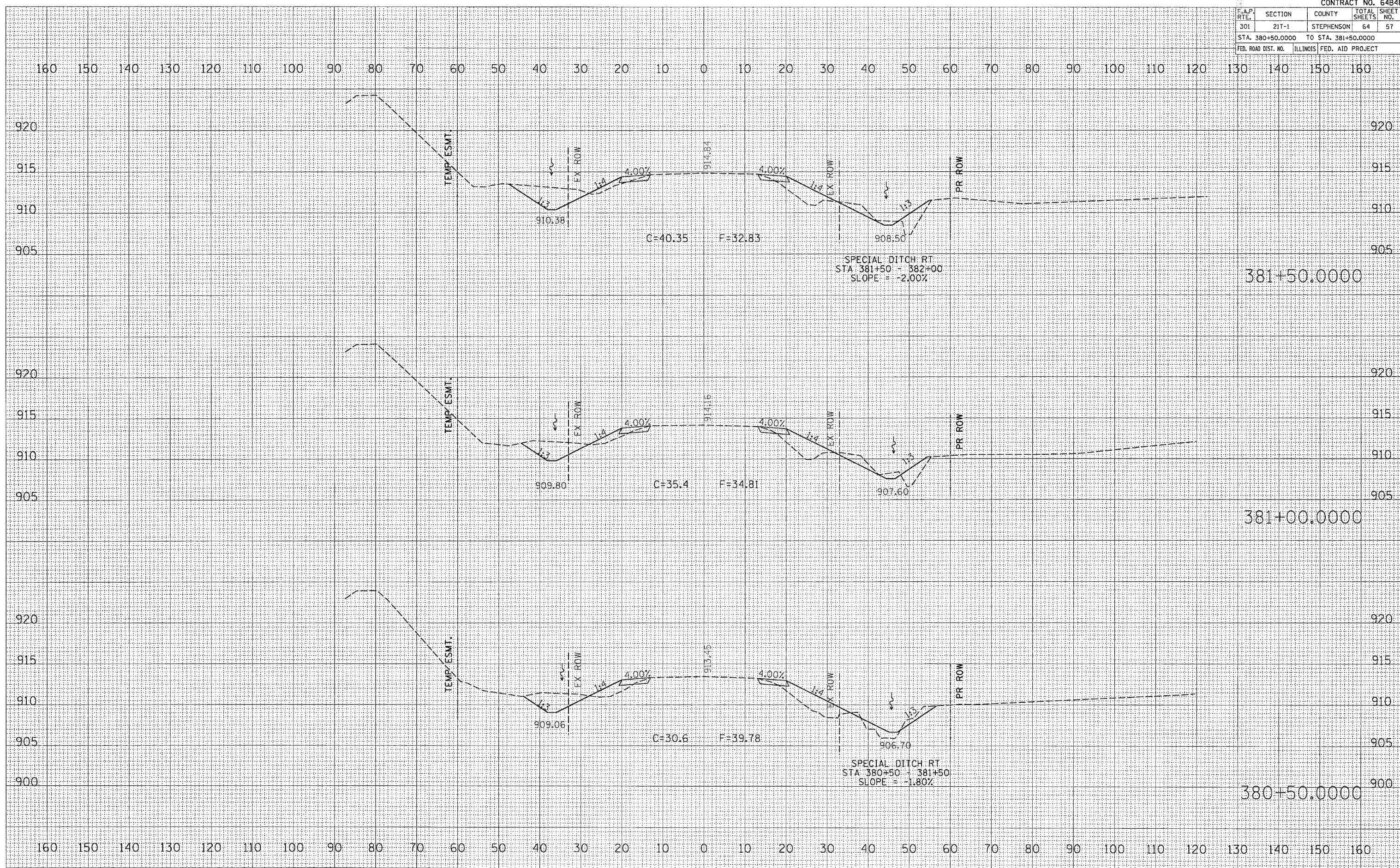


CONTRACT NO. 64B48				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	21T-1	STEPHENSON	64	57
STA. 380+50.0000		TO STA. 381+50.0000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	BY	REVISIONS
		1. SURVEY
		2. PLOTTED
		3. TEMPLATE
		4. AREAS
		5. CHECKED
		6. NO.

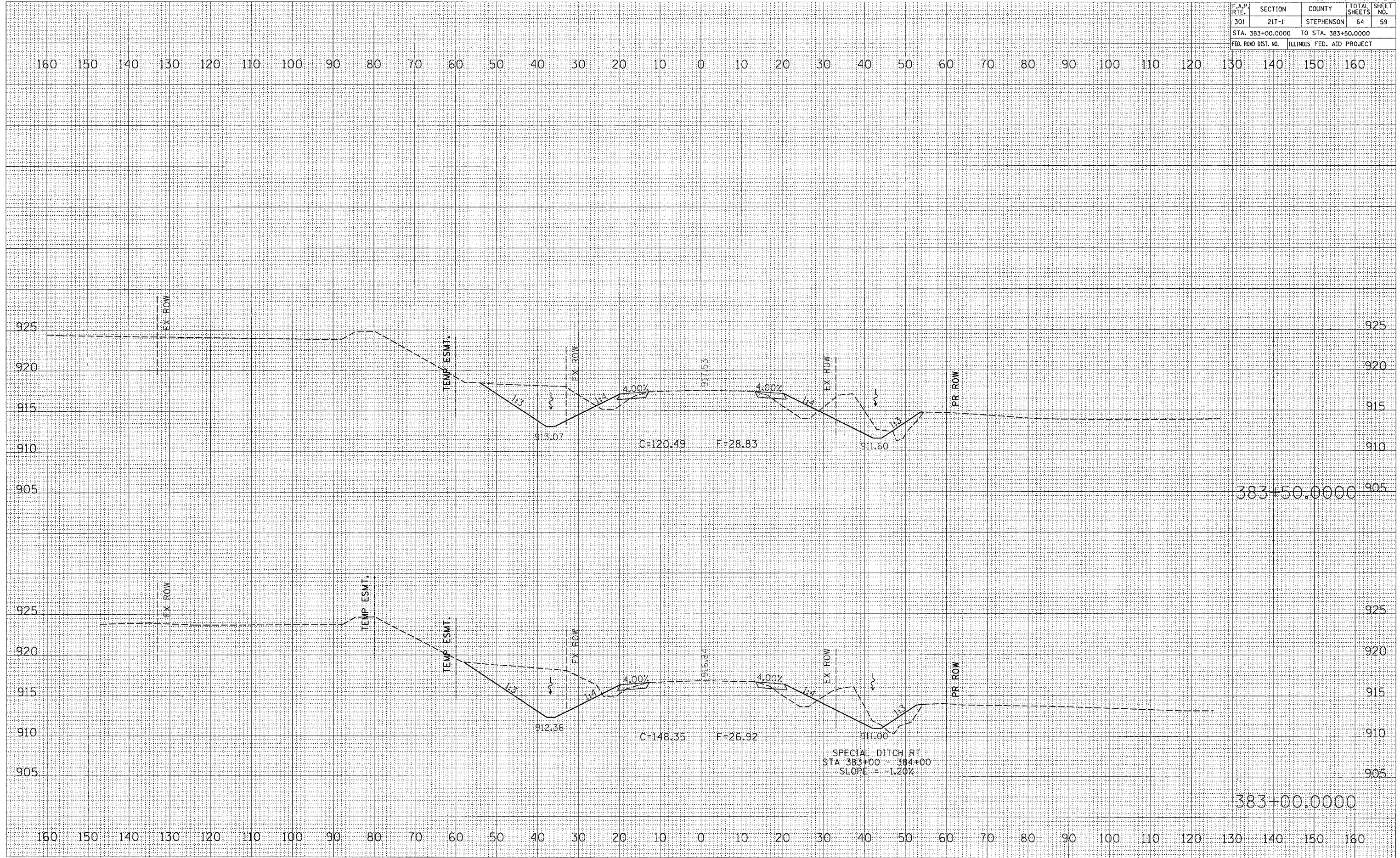
DATE	BY	REVISIONS
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		2. PLOTTED
		3. TEMPLATE
		4. AREAS
		5. CHECKED
		6. NO.

PLOT DATE: Mon Dec 11 09:15:11 2006
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 USER NAME: jcas



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	21T-1	STEPHENSON	64	59

STA. 383+00.0000 TO STA. 383+50.0000
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT



DATE: _____ BY: _____
 SURVEYED: _____
 PLOTTED: _____
 NOTE BOOK: _____
 AREAS CHECKED: _____
 NO. _____

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

PLOT DATE: Mon Dec 11 09:15:12 2006
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 USER NAME: parrishj

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	21T-1	STEPHENSON	64	60
STA. 384+00.0000 TO STA. 385+00.0000				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

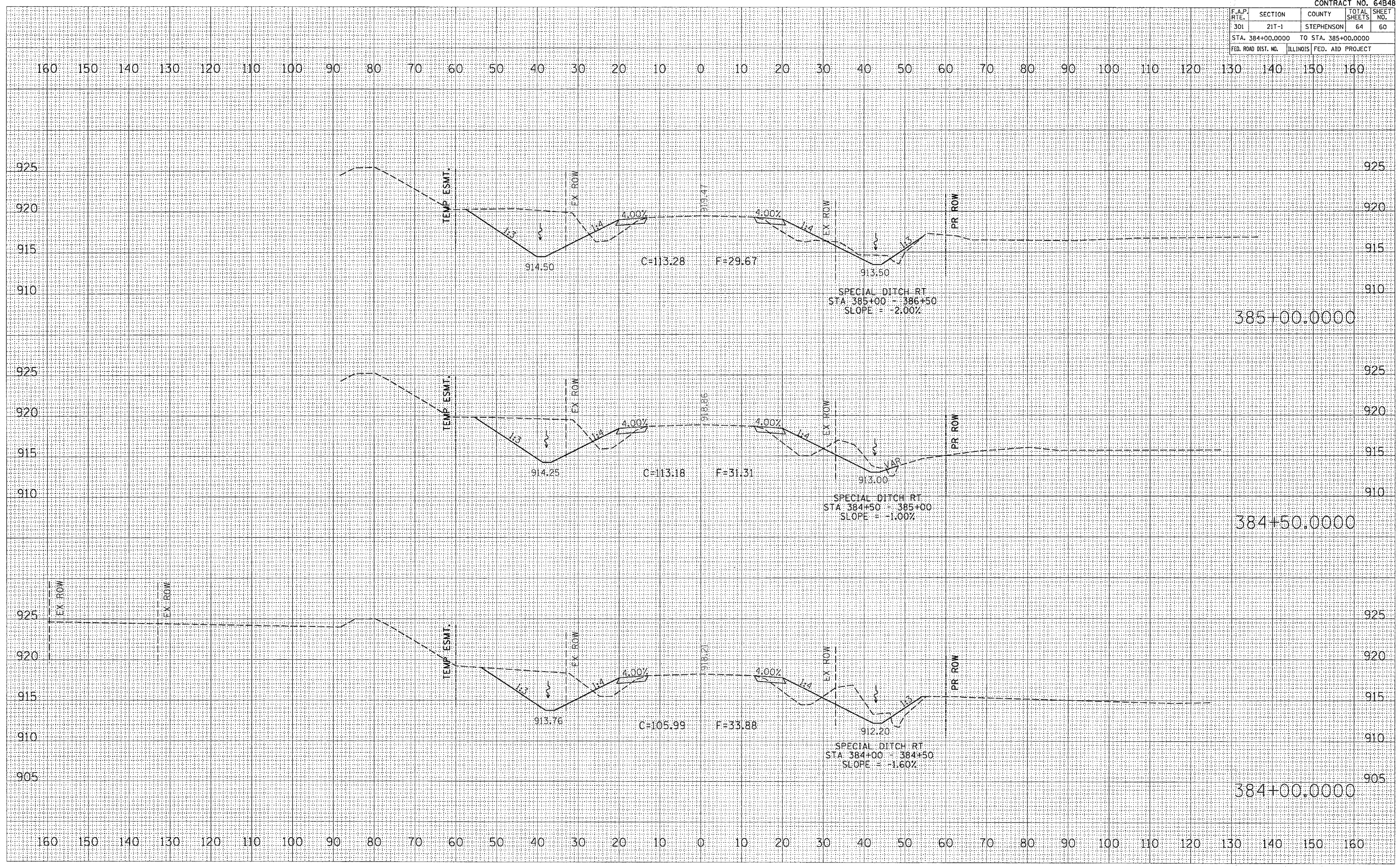
DATE	BY

FINISH SURVEY	REVISIONS
NO. DATE	BY

DATE	BY

ORIGINAL SURVEY	REVISIONS
NO. DATE	BY

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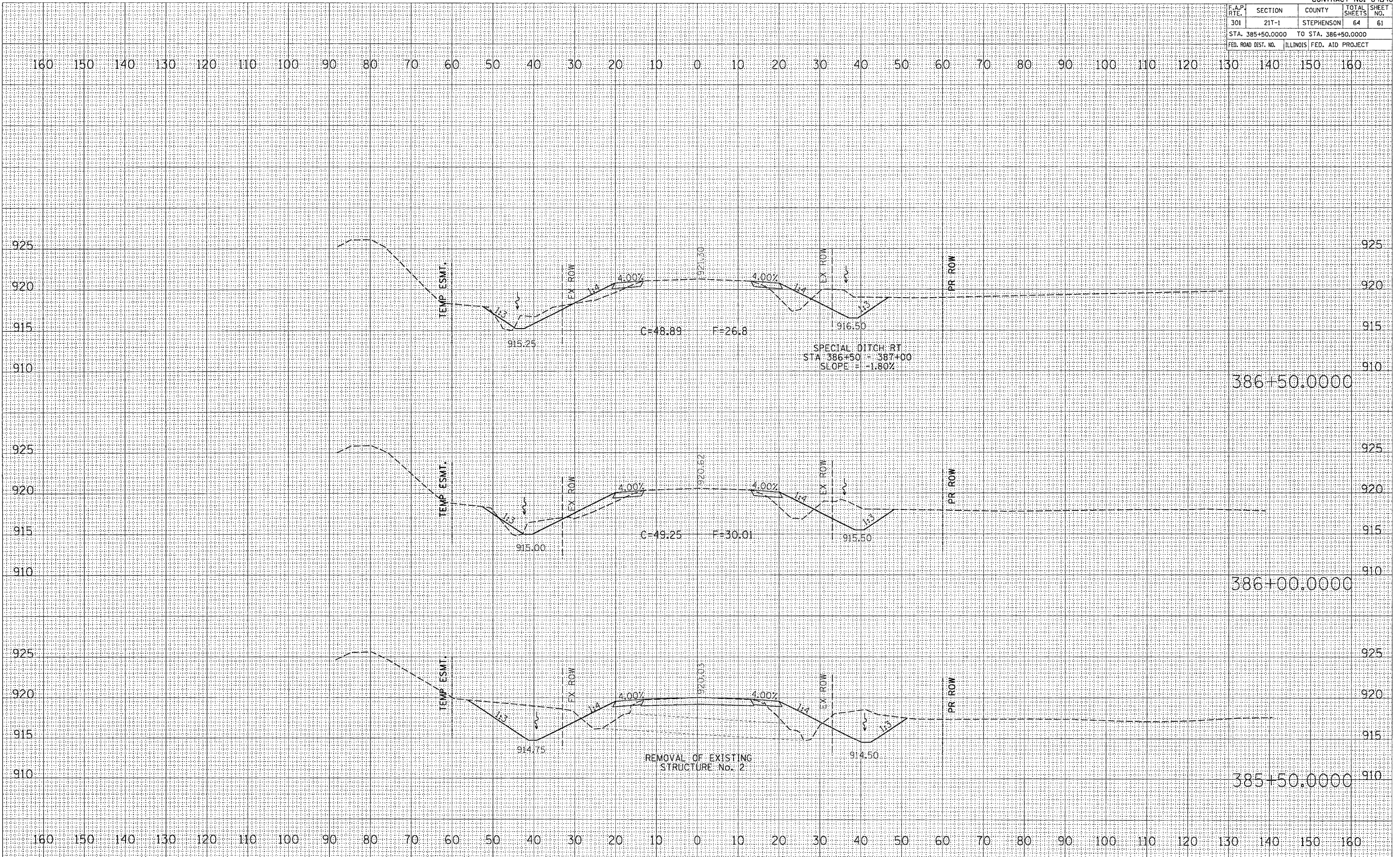


CONTRACT NO. 64B48			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
301	21T-1	STEPHENSON	64 61
STA. 385+50.0000 TO STA. 386+50.0000			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

DATE	BY	BT
FILED	SURVEYED	NOTED
NO.	NO.	NO.
BOOK	BOOK	BOOK
NO.	NO.	NO.
DATE	DATE	DATE
PLotted	Checked	Checked
NO.	NO.	NO.
DATE	DATE	DATE
PLotted	Checked	Checked
NO.	NO.	NO.
DATE	DATE	DATE
PLotted	Checked	Checked
NO.	NO.	NO.

DATE	BY	BT
FILED	SURVEYED	NOTED
NO.	NO.	NO.
BOOK	BOOK	BOOK
NO.	NO.	NO.
DATE	DATE	DATE
PLotted	Checked	Checked
NO.	NO.	NO.
DATE	DATE	DATE
PLotted	Checked	Checked
NO.	NO.	NO.

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 USER NAME = renealj



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	21T-1	STEPHENSON	64	62
STA. 387+00.0000 TO STA. 387+50.0000				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

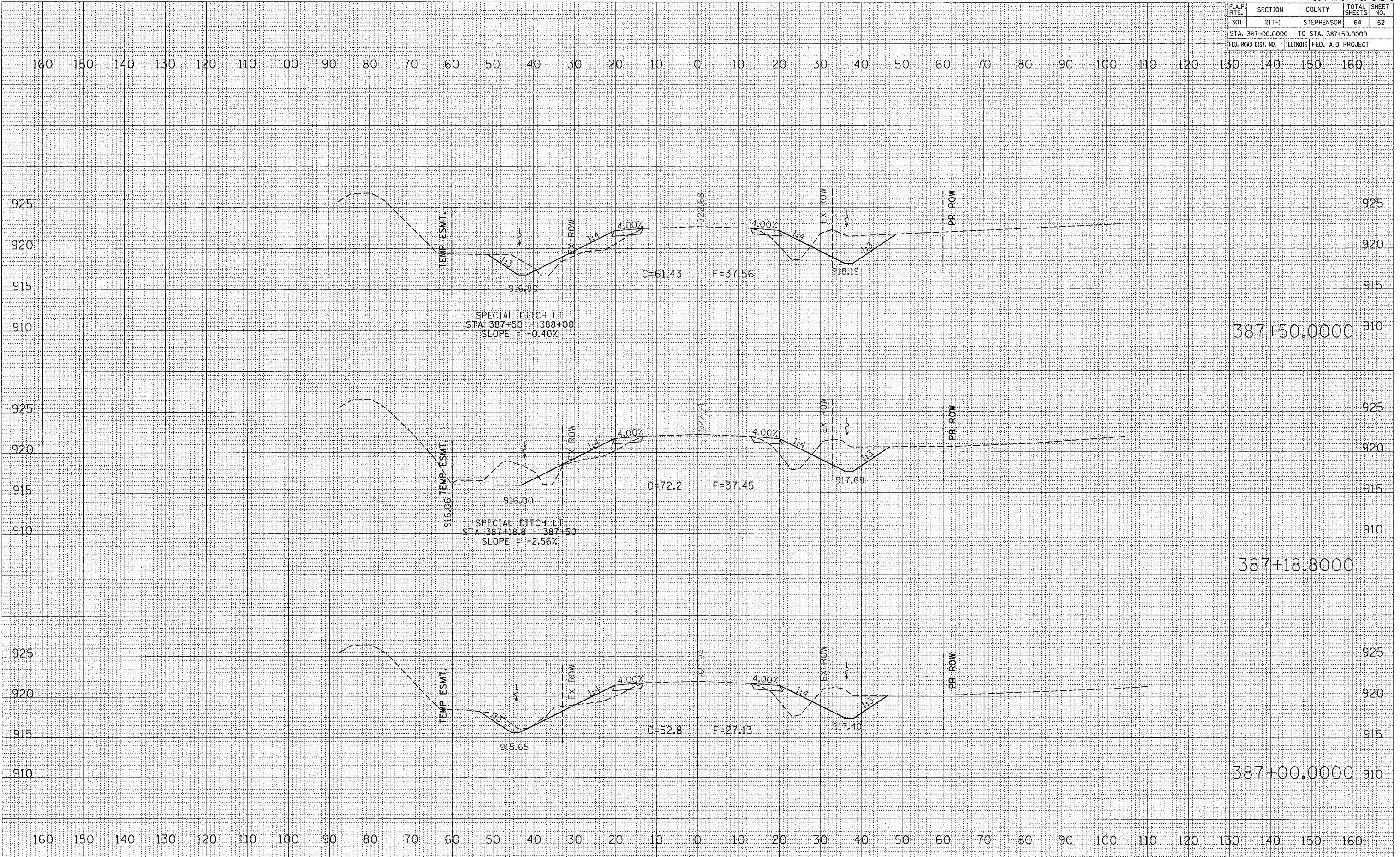
BY	DATE

FINAL SURVEY	NO. OF SHEETS	DATE

BY	DATE

ORIGINAL SURVEY	NO. OF SHEETS	DATE

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 USER NAME = rchase1.j



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	21T-1	STEPHENSON	64	63
STA. 388+00.0000 TO STA. 389+00.0000				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DATE	BY

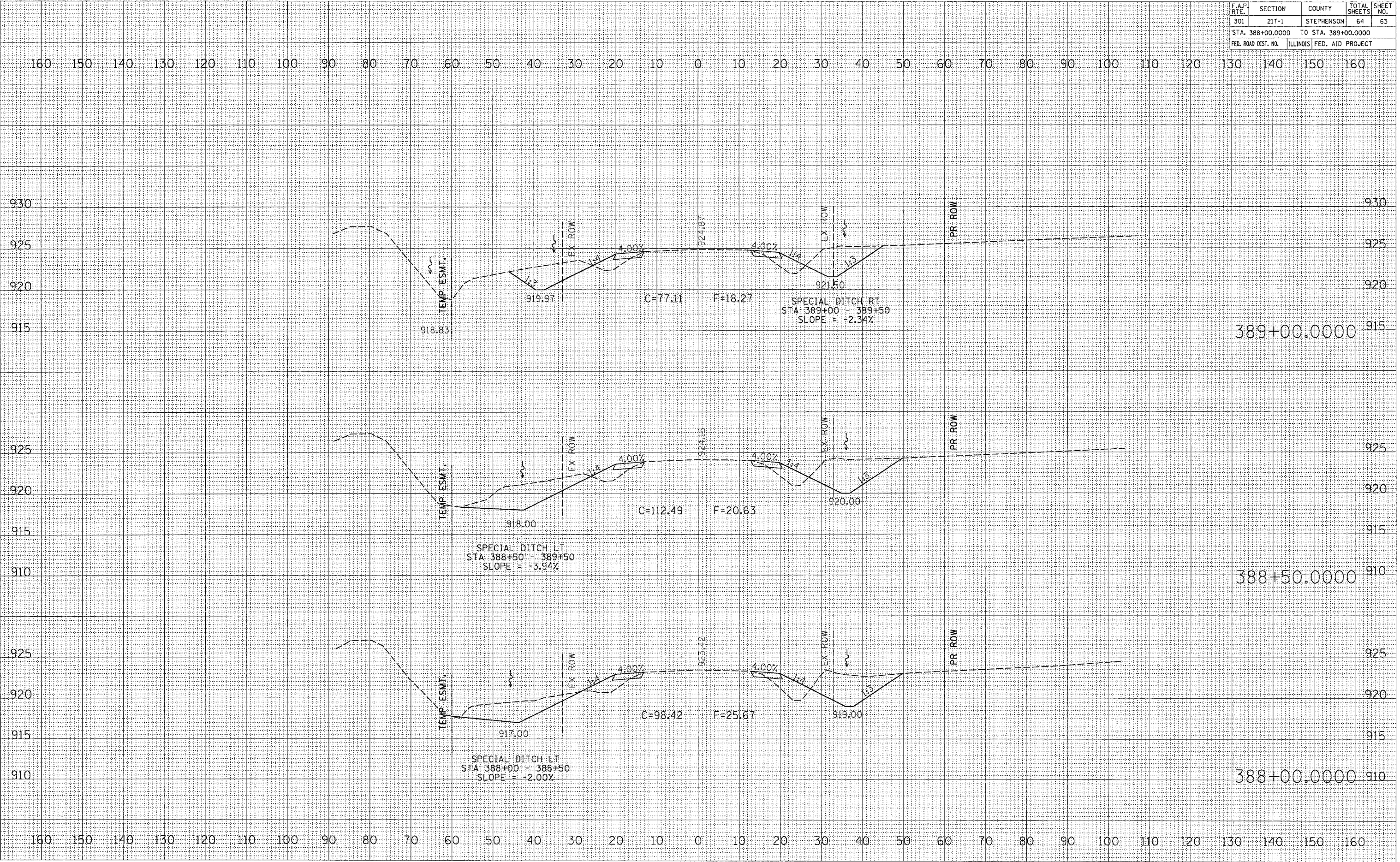
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 TEMPLATE _____
 AREAS CHECKED _____
 NO. _____

FINAL SURVEY NOTE BOOK NO. _____

DATE	BY

ORIGINAL SURVEY TEMPLATE _____
 AREAS CHECKED _____
 NO. _____

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	21T-1	STEPHENSON	64	64
STA. 389+50.0000 TO STA. 391+00.0000				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DATE	BY

DATE	BY

DATE	BY

DATE	BY

PLOT DATE: Mon Dec 11 09:15:14 2006
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USER NAME: jparkesj

