1-16-09 Letting, Item 009

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	24T-5	JODAVIESS	43	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 64C69		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

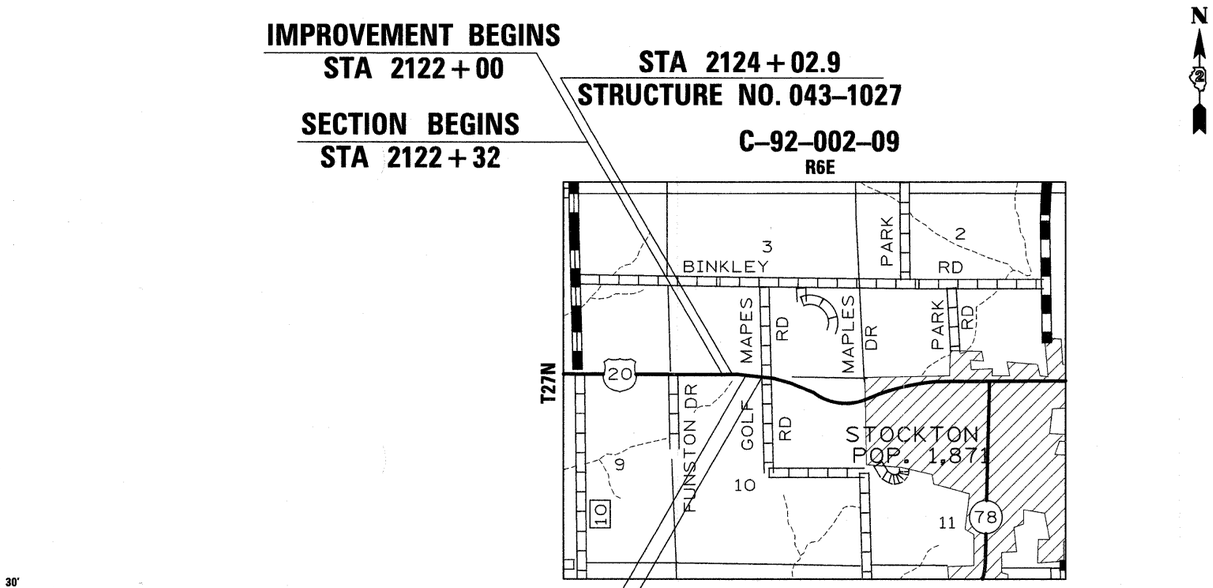
PROPOSED
HIGHWAY PLANS

FAP ROUTE 301 (US 20)
SECTION 24T-5
PROJECT NHF-0301(053)
JODAVIESS COUNTY

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

D-92-118-06

LOCATION OF SECTION INDICATED THUS: –



100' 200' 300' — 1" = 100'
0 10' 20' 30' — 1" = 10'
0 50' 100' — 1" = 50'
0 50' 100' — 1" = 40'
0 50' 100' — 1" = 30'
0 50' 100' — 1" = 20'

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

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

SQUAD ENGINEER: TRACI HELFRICH (815) 284-5932
PROJECT ENGINEER: MASOOD AHMAD

CONTRACT NO. 64C69

GROSS LENGTH OF PROJECT = 1181.5 LIN. FT = 0.22 MI.
NET LENGTH = 1181.5 LIN. FT. = 0.22 MI.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED October 9 20 08
George F. Ryan
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
December 5, 20 08
Eric E. Harm
Interim ENGINEER OF DESIGN AND ENVIRONMENT
December 5, 20 08
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

JODAVIESS COUNTY SECTION 24T-5 FAP ROUTE 301

INDEX OF SHEETS

STATE STANDARDS

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001006	DECIMAL OF AN INCH AND OF A FOOT
280001–04	TEMPORARY EROSION CONTROL SYSTEMS
420001–07	PAVEMENT JOINTS
420701–02	PAVEMENT FABRIC
442101–07	CLASS B PATCHES
482001–02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
515001–03	NAME PLATES FOR BRIDGES
542401–01	METAL END SECTIONS FOR PIPE CULVERTS
601101–01	CONCRETE HEADWALL FOR PIPE DRAIN
635001–01	DELINEATORS
666001–01	RIGHT–OF–WAY MARKERS
701006–03	OFF–ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM EDGE OF PAVEMENT
701011–02	OFF–ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201–03	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS $\geq$ 45 MPH
701301–03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311–03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS – DAY ONLY
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729001–01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001–02	TYPICAL PAVEMENT MARKINGS
781001–03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS
STATE STANDARDS

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	24T-5	JODAVIESS	43	2
		CONTRACT NO. 64C69		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

CONSTR. CODE
80% Fed
20% State
MINOR STRUCTURES
Y007
S.N. 043–1027

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	
	20200100	EARTH EXCAVATION	CU YD	11068	11068
	20200200	ROCK EXCAVATION	CU YD	100	100
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	45	45
*	25000210	SEEDING, CLASS 2A	ACRE	1.25	1.25
*	25000310	SEEDING, CLASS 4	ACRE	1	1
(:	25000750	MOWING	ACRE	2.25	2.25
*	25100115	MULCH, METHOD 2	ACRE	1.48	1.48
*	25100630	EROSION CONTROL BLANKET	SQ YD	3718	3718
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	900	900
	28000300	TEMPORARY DITCH CHECKS	EACH	65	65
	28000400	PERIMETER EROSION BARRIER	FOOT	261	261
	28000500	INLET AND PIPE PROTECTION	EACH	2	2
	28100107	STONE RIPRAP, CLASS A4	SQ YD	272	272
	28200200	FILTER FABRIC	SQ YD	1101	1101
	28300470	AGGREGATE DITCH 12"	SQ YD	668	668
	35101400	AGGREGATE BASE COURSE, TYPE B	TON	1343	1343
	40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	199	199
	42001200	PAVEMENT FABRIC	SQ YD	237	237
	44200976	CLASS B PATCHES, TYPE IV, 10 INCH	SQ YD	237	237
	44213200	SAW CUTS	FOOT	238	238
	48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	1777	1777
	50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1	1
	50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1	1

* SPECIALTY ITEM

(: NON PARTICIPATING 100% STATE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 20
SUMMARY OF QUANTITIES
SCALE: _____ | SHEET NO. __ OF ___ SHEETS | STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	24T-5	JODAVIESS	43	3
		CONTRACT NO. 64C69		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE 80% Fed 20% State MINOR STRUCTURES Y007 S.N. 043–1027
50200400	ROCK EXCAVATION FOR STRUCTURES	CU YD	23	23
51500100	NAME PLATES	EACH	1	1
52100510	ANCHOR BOLTS, 3/4"	EACH	8	8
54010505	PRECAST CONCRETE BOX CULVERT 5' X 5'	FOOT	108	108
542D0235	PIPE CULVERTS, CLASS D, TYPE 1 30"	FOOT	10	10
54215565	METAL END SECTIONS 30"	EACH	1	1
54248510	CONCRETE COLLAR	CU YD	0.75	0.75
61100500	EXPLORATION TRENCH 52" DEPTH	FOOT	200	200
61100605	MISCELLANEOUS CONCRETE	CU YD	0.22	0.22
63200310	GUARDRAIL REMOVAL	FOOT	950	950
63500105	DELINEATORS	EACH	2	2
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	16	16
66700305	PERMANENT SURVEY MARKERS, TYPE II	EACH	2	2
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	4
67100100	MOBILIZATION	L SUM	1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	24	24
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	8	8
* 78001110	PAINT PAVEMENT MARKING – LINE 4"	FOOT	5250	5250
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	2	2
X0976500	END SECTIONS TO BE REMOVED	EACH	2	2
X4420500	TEMPORARY PAVEMENT PATCH	SQ YD	237	237

* SPECIALTY ITEM

(: NON PARTICIPATING 100% STATE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 20
SUMMARY OF QUANTITIES

SCALE: | SHEET NO. __ OF ___ SHEETS | STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	24T-5	JODAVIESS	43	4
		CONTRACT NO. 64C69		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE 80% Fed 20% State MINOR STRUCTURES Y007 S.N. 043–1027
	Z0005400	BREAKER–RUN CRUSHED STONE	TON	93	93
*	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
	Z0017100	DOWEL BARS	EACH	50	50
	Z0029001	GRATED CULVERT EXTENSION, NO. 1	EACH	6	6
	Z0075300	TIE BARS	EACH	84	84

* SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 20
SUMMARY OF QUANTITIES

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	24T-5	JODAVIESS	43	5
		CONTRACT NO. 64C69		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

GENERAL NOTES

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 301 (US 20)	24T-5	JoDaviess	43	6
FED ROAD DIST. NO.	ILLINOIS	PROJECT		
Contract #64C69				

See cross sections for special ditches and backslopes.

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.

All Borrow/Waste/Use sites must be approved by the Department prior to removing any material from the project or initiating any earthmoving activities, including temporary stockpiling outside the limits of construction.

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.

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

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.

Placement and compaction of the backfill for proposed across road culverts and existing across road culverts that are removed 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.

The Contractor shall complete a field measurement of the extension of the existing 5'x5' PCC Box Culvert before ordering the extension length of PRECAST CONCRETE BOX CULVERT 5'x5' to make sure that all three box culvert lengths are the same.

When laying out for patching, the minimum distance between new patches (saw cut to saw cut) shall be 4.6 m (15 feet). When patch spacing is less than 4.6 m (15 feet), the pavement between patches shall also be removed and replaced.

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 following Mixture Requirements are applicable for this project:

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

This structure will retain the same number 043-1027.

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 Precast Concrete Box Culverts.

It is anticipated that several mailboxes will require relocation to the approach side of the entrances. When this is done, the contractor shall be required to mount the mailbox on a 100 mm x 100 m (4" x 4") wood post 1 m (40 inches) above the shoulder surface and extending to a minimum of 0.6 m (24 inches) into the embankment. This work shall be included in the contract unit price for the EARTH EXCAVATION. There is an estimated 1 mailbox to be relocated.

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 District Standard 66.2. The depth of the Permanent Survey Markers, Type II shall be constructed at 5.5'.

The Contractor shall submit to the Engineer a description of location, elevation, and coordinates for each permanent survey marker. The horizontal and vertical coordinates must be derived by GPS and the elevation derived by a closed level circuit. 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.

GENERAL NOTES

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 301 (US 20)	24T-5	JoDaviess	43	7
FED ROAD DIST. NO.	ILLINOIS	PROJECT		
Contract #64C69				

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:

Mediacom
Verizon
Commonwealth Edison Company

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.

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

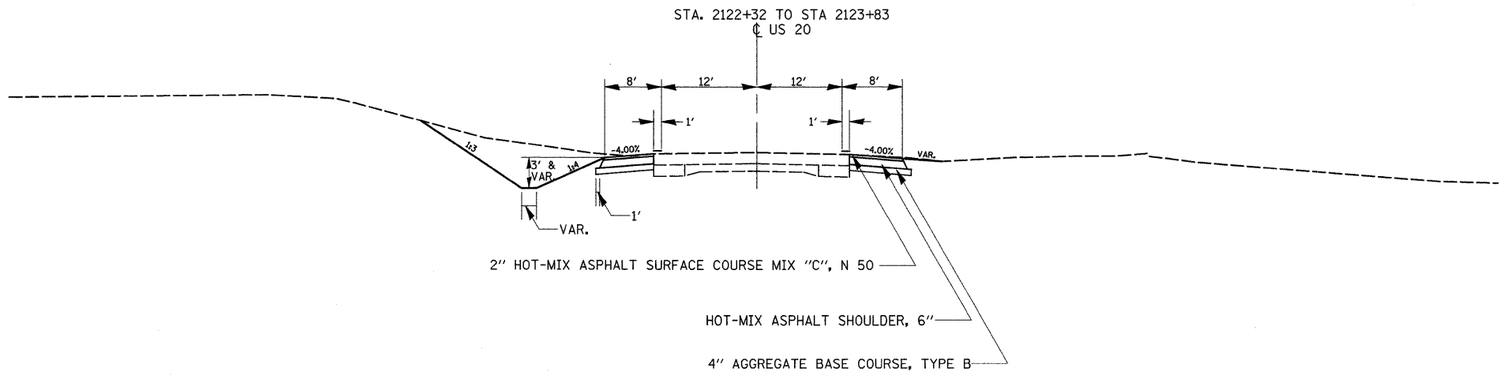
Per SB 699 (90 day utility relocation law), once right-of-way is clear to award the project, a notice will be sent to the utility companies instructing them to have their facilities relocated within 90 days. Estimated date relocation complete = Letting Date + 135 days.

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.

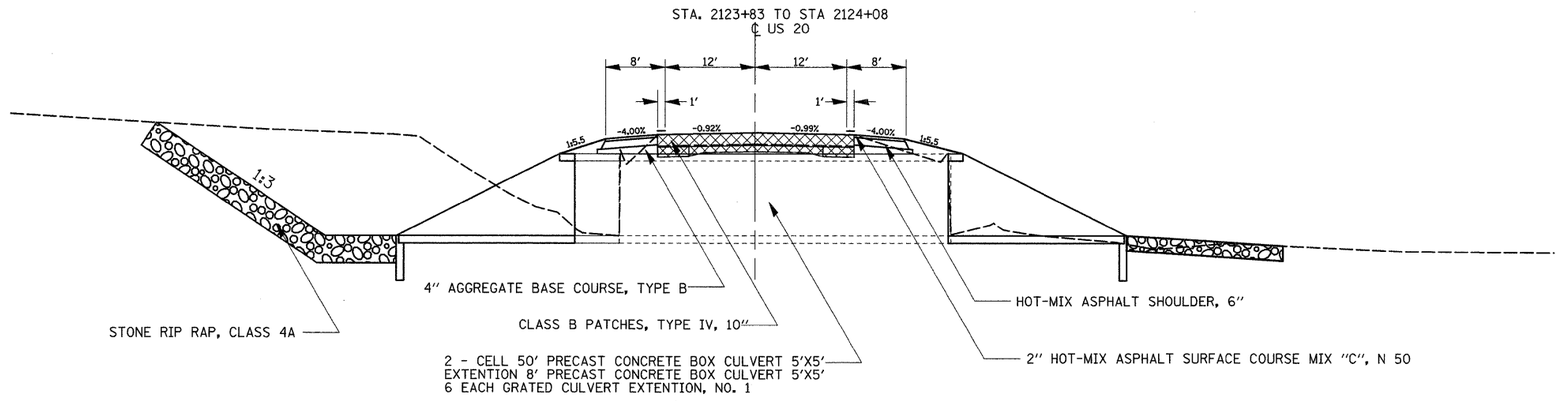
COMMITMENTS

1. The Contractor shall contact Mr. Donald Mapes (815/947-2402) when construction begins on the placement of the additional 5'x5' Precast Box Culverts. There is a water line that is approximately 20' west of the existing 5'x5' box culvert that needs to be moved and replaced by the property owner. The new water line shall be at the property owner's expense.

TYPICAL SECTIONS



NOTE: HOT-MIX ASPHALT RATE OF APPLICATION: 112 lb/sy/in



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

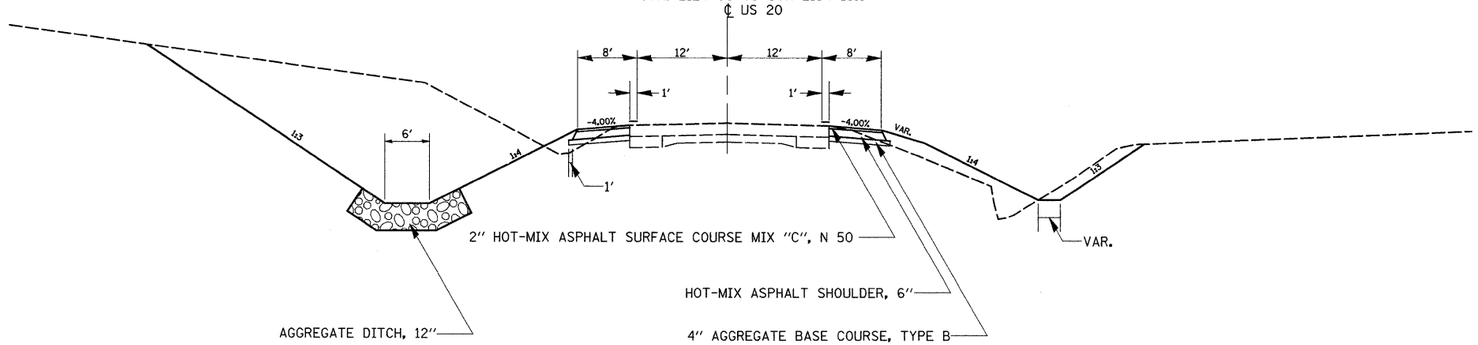
TYPICAL SECTIONS

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	24t-5	JODAVIESS	43	8
		CONTRACT NO. 64C69		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

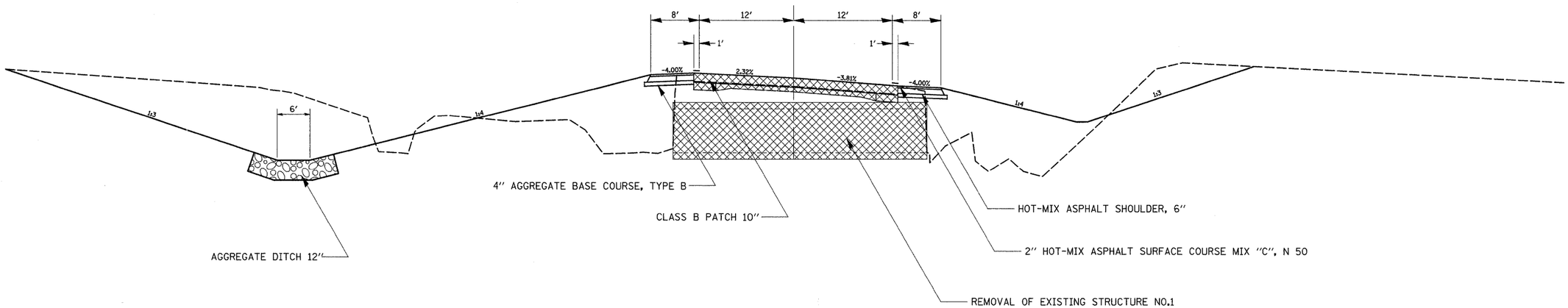
TYPICAL SECTIONS

STA. 2124+08 TO STA 2134+13.5
℄ US 20

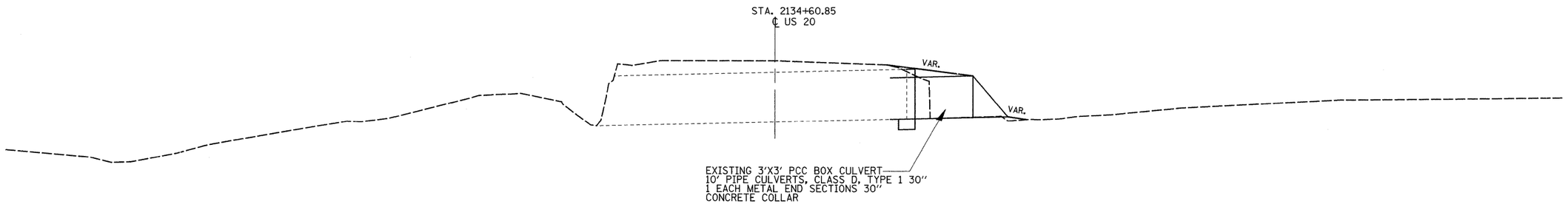


NOTE: HOT-MIX ASPHALT RATE OF APPLICATION: 112 lb/sy/in

STA. 2130+85.6 ON SKEW
℄ US 20



STA. 2134+60.85
℄ US 20



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	24+-5	JODAVIESS	43	9
		CONTRACT NO. 64C69		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

20200100 EARTH EXCAVATION

CU YD	LOCATION			OFFSET	REMARKS
10834	2122+00.0	TO	2134+30	LT & RT	
	Golf Road				
234	299+00	TO	299+75	LT	Golf Road
11068	TOTAL				

20200200 ROCK EXCAVATION

CU YD	LOCATION	OFFSET	REMARKS
100	ENTIRE JOB		TO BE USED IF NEEDED

20201200 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL

CU YD	LOCATION	OFFSET	REMARKS
45	2124+02.9		TO BE USED IF NEEDED

25000210 SEEDING, CLASS 2A

ACRE	LOCATION			OFFSET	REMARKS
0.50	2122+00	TO	2134+30	LT	FORESLOPES & BOTTOM
0.75	2122+00	TO	2134+75	RT	FORESLOPES & BOTTOM (includes Golf Road)
1.25	TOTAL				

25000310 SEEDING, CLASS 4

ACRE	LOCATION			OFFSET	REMARKS
0.50	2122+00	TO	2134+30	LT	BACKSLOPES
0.50	2122+00	TO	2134+30	RT	BACKSLOPES (includes Golf Road)
1.00	TOTAL				

25000750 MOWING

ACRE	LOCATION			OFFSET	REMARKS
1.00	2122+00	TO	2134+30	LT	
1.25	2122+00	TO	2134+30	RT	(includes Golf Road)
2.25	TOTAL				

25100115 MULCH, METHOD 2

ACRE	LOCATION			OFFSET	REMARKS
0.96	2122+00	TO	2134+30	LT	
0.52	2122+00	TO	2134+30	RT	(includes Golf Road)
1.48	TOTAL				

25100630 EROSION CONTROL BLANKET

SQ YD	LOCATION			OFFSET	REMARKS
176	2123+50	TO	2124+00	LT	4' F/S BTM & B/S
3542	2124+00	TO	2134+00	RT	4' F/S BTM & B/S
3718	TOTAL				

28000250 TEMPORARY EROSION CONTROL SEEDING

POUND	LOCATION			OFFSET	REMARKS
900	2123+50	TO	2124+00	LT & RT	4 APPLICATIONS IF APPLICABLE

28000300 TEMPORARY DITCH CHECKS

EACH	LOCATION			OFFSET	REMARKS
5	2121+50	TO	2123+50	LT	50' SPACING
2	2122+50	TO	2123+00	RT	50' SPACING
8	2123+00	TO	2124+00	RT	15' SPACING
2	2123+50	TO	2124+00	LT	30' SPACING
15	2124+00	TO	2131+00	LT	50' SPACING
13	2124+00	TO	2130+00	RT	50' SPACING
13	2130+00	TO	2133+00	RT	25' SPACING
3	2131+00	TO	2131+50	LT	25' SPACING
4	2133+00	TO	2133+50	RT	15' SPACING
65	TOTAL				

28000400 PERIMETER EROSION BARRIER

FOOT	LOCATION			OFFSET	REMARKS
261	2122+50	TO	2125+00	RT	

28000500 INLET AND PIPE PROTECTION

EACH	LOCATION	OFFSET	REMARKS
1	2124+09	LT	
1	2134+60.85	RT	
2	TOTAL		

28100107 STONE RIPRAP, CLASS A4

SQ YD	LOCATION			OFFSET	REMARKS
135	2123+87.5	TO	2124+25	LT	
134	2123+87.5	TO	2124+18	RT	
3	2134+60.85			RT	
272	TOTAL				

28200200 FILTER FABRIC

SQ YD	LOCATION			OFFSET	REMARKS
135	2123+87.5	TO	2124+25	LT	UNDER RIPRAP
134	2123+87.5	TO	2124+18	RT	UNDER RIPRAP
829	2124+25	TO	2131+50	LT	UNDER AGGREGATE DITCH
3	2134+60.85			RT	
1101	TOTAL				

28300470 AGGREGATE DITCH 12"

SQ YD	LOCATION			OFFSET	REMARKS
668	2124+25	TO	2131+50	LT	Class A3

35101400 AGGREGATE BASE COURSE, TYPE B

TON	LOCATION			OFFSET	REMARKS
73	2122+24			LT	FE (8" THICKNESS)
645	2122+32	TO	2133+13.5	LT	
626	2122+41	TO	2133+89.5	RT	
1343	TOTAL				

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

TON	LOCATION			OFFSET	REMARKS
101	2122+32	TO	2134+14	LT	
98	2122+41	TO	2133+90	RT	
199	TOTAL				

42001200 PAVEMENT FABRIC

SQ YD	LOCATION			OFFSET	REMARKS
72	2123+83	TO	2124+08		
165	2130+59	TO	2131+16		
237	TOTAL				

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 20
SCHEDULE OF QUANTITIES

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	24T-5	JODAVIESS	43	10
		CONTRACT NO. 64C69		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

44200976 CLASS B PATCHES, TYPE IV, 10 INCH

SQ YD	LOCATION			OFFSET	REMARKS
72	2123+83	TO	2124+08		
165	2130+59	TO	2131+16		
237	TOTAL				

44213200 SAW CUTS

FOOT	LOCATION			OFFSET	REMARKS
103	2123+83	TO	2124+08		
135	2130+59	TO	2131+16		
238	TOTAL				

48203021 HOT-MIX ASPHALT SHOULDERS, 6"

SQ YD	LOCATION			OFFSET	REMARKS
903	2122+32	TO	2134+14	LT	
874	2122+41		2133+90	RT	
1777	TOTAL				

50100300 REMOVAL OF EXISTING STRUCTURES NO. 1

EACH	LOCATION	OFFSET	REMARKS
1	2130+85.6		6' X 4' Box Culvert

50100400 REMOVAL OF EXISTING STRUCTURES NO. 2

EACH	LOCATION	OFFSET	REMARKS
1	2134+60.85	RT	15" CMP EXTENSION

50200400 ROCK EXCAVATION FOR STRUCTURES

CU YD	LOCATION	OFFSET	REMARKS
23	2124+03		USE IF APPLICABLE

51500100 NAME PLATES

EACH	LOCATION	OFFSET	REMARKS
1	2124+03		

52100510 ANCHOR BOLTS, 3/4"

EACH	LOCATION	OFFSET	REMARKS
8	2134+60.85		2 EACH WALL AT 24" CTS

54010505 PRECAST CONCRETE BOX CULVERTS 5'X5'

FOOT	LOCATION	OFFSET	REMARKS
100	2124+03		2 CELLS @ 50'
8	2124+03	LT	EXTENSION – Existing Structure 42'
108	TOTAL		

542D0235 PIPE CULVERTS, CLASS D, TYPE 1, 30"

FOOT	LOCATION	OFFSET	REMARKS
10	2134+60.85		EXTEND 2' INSIDE EXISTING 3X3 PCC BOX *ESTIMATED QUANTITY

54215565 METAL END SECTIONS 30"

EACH	LOCATION	OFFSET	REMARKS
1	2134+60.85	RT	

54248510 CONCRETE COLLAR

CU YD	LOCATION	OFFSET	REMARKS
0.75	2134+60.85	RT	*ESTIMATED QUANTITY

61100500 EXPLORATION TRENCH 52" DEPTH

FOOT	LOCATION			OFFSET	REMARKS
100	2123+50	TO	2124+50	LT	
100	2123+50	TO	2124+50	RT	
200	TOTAL				

61100605 MISCELLANEOUS CONCRETE

CU YD	LOCATION	OFFSET	REMARKS
0.22	2124+25	LT	SLOPEWALL FOR FIELD TILE

63200310 GUARDRAIL REMOVAL

FOOT	LOCATION			OFFSET	REMARKS
237.5	2122+59	TO	2124+98	RT	
287.5	2122+94.2	TO	2125+84.2	LT	
425	2129+19.7	TO	2133+45.2	LT	
950	TOTAL				

63500105 DELINEATORS

EACH	LOCATION	OFFSET	REMARKS
2	2124+03	LT & RT	

66600105 FURNISHING AND ERECTING RIGHT OF WAY MARKERS

EACH	LOCATION	OFFSET	REMARKS
1	2121+29	68.9' LT	
1	2122+50	75' LT	
1	2122+50	50.69' RT	
1	2123+50	90' RT	
1	2123+75	90' RT	
1	2124+50	90' RT	
1	2125+00	70' RT	
1	2130+00	70' RT	
1	2131+00	90' RT	
1	2131+50	90' LT	
1	2132+16	32.88' LT	
1	2132+16	90' RT	
1	2133+50	37.22' LT	
1	2133+50	90' RT	
1	2133+83	145.56' LT	
1	2134+18	102.74' RT	
16	TOTAL		

66700305 PERMANENT SURVEY MARKERS, TYPE II

EACH	LOCATION	OFFSET	REMARKS
2	ENTIRE JOB		CONTACT SURVEY DEPARTMENT

70300100 SHORT-TERM PAVEMENT MARKING

FOOT	LOCATION			OFFSET	
4	2123+83	TO	2124+08	CL	YELLOW
8	2123+83	TO	2124+08	EOP	WHITE
4	2130+59	TO	2131+16	CL	YELLOW
8	2130+60	TO	2131+17	EOP	WHITE
24	TOTAL				

70301000 WORK ZONE PAVEMENT MARKING REMOVAL

SQ FT	LOCATION			OFFSET	REMARKS
1.33	2123+83	TO	2124+08	CL	
2.66	2123+83	TO	2124+08		
1.33	2130+59	TO	2131+16	CL	
2.66	2130+59	TO	2131+16		
7.98	TOTAL				

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 20
SCHEDULE OF QUANTITIES

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	24T-5	JODAVIESS	43	11
		CONTRACT NO. 64C69		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

78001110 **PAINT PAVEMENT MARKING – LINE 4"**

FOOT	LOCATION			OFFSET	REMARKS
590	2122+32	TO	2134+14	CL	yellow skip dash (2 applications)
2363	2122+32	TO	2134+14	LT	white edge lines (2 applications)
2297	2122+41	TO	2133+90	RT	white edge lines (2 applications)
5250	TOTAL				

78100100 **RAISED REFLECTIVE PAVEMENT MARKER**

EACH	LOCATION	OFFSET	REMARKS
1	2123+90		
1	2130+80		
2	TOTAL		

X0976500 **END SECTIONS TO BE REMOVED**

EACH	LOCATION	OFFSET	REMARKS
2	2124+03		EXISTING PCC 5'X5' BOX CULV END SEC

X4420500 **TEMPORARY PAVEMENT PATCH**

SQ YD	LOCATION			OFFSET	REMARKS
72	2123+83	TO	2124+08		
165	2130+59	TO	2131+16		
237	TOTAL				

Z0005400 **BREAKER-RUN CRUSHED STONE**

TON	LOCATION	OFFSET	REMARKS
93	2124+03		12" CA 2 W/ 6" CAP

Z0017100 **DOWEL BARS**

EACH	LOCATION	OFFSET	REMARKS
10	2123+83		
10	2124+08		TO BE USED AS
10	2130+59		EXISTING PCC
10	2130+88		PAVEMENT
10	2131+16		ALLOWS
50	TOTAL		

Z0029001 **GRATED CULVERT EXTENSION, NO 1**

EACH	LOCATION	OFFSET	REMARKS
6	2124+03	RT & LT	SEE DETAIL SHEET

Z0075300 **TIE BARS**

EACH	LOCATION			OFFSET	REMARKS
26	2123+83	TO	2124+08		
58	2130+59	TO	2131+16		
84	TOTAL				

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

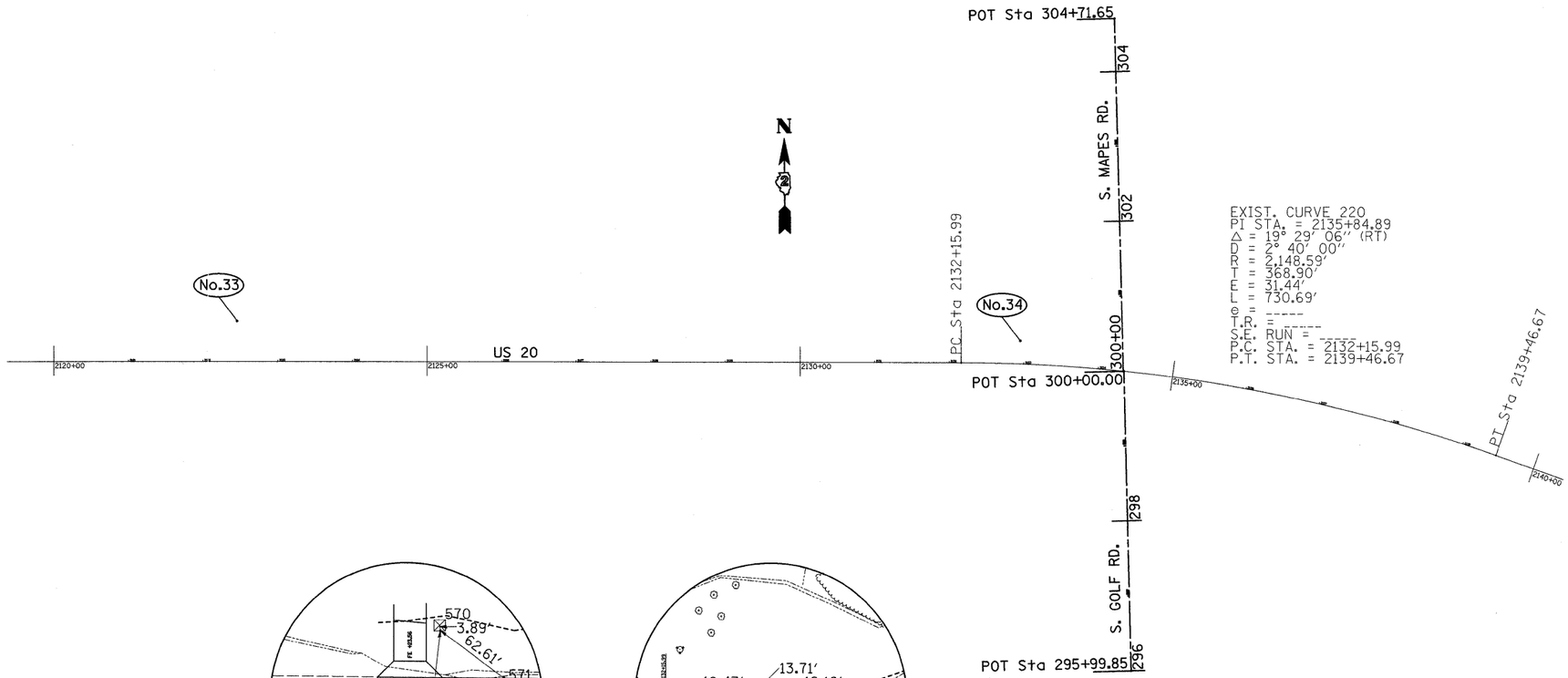
US 20
SCHEDULE OF QUANTITIES

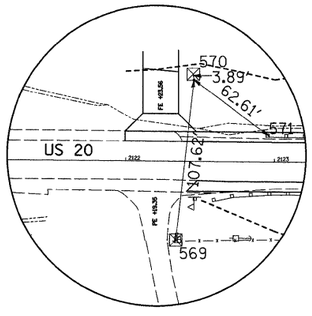
SCALE: | SHEET NO. __ OF ___ SHEETS | STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	24I-5	JODAVIESS	43	12
		CONTRACT NO. 64C69		

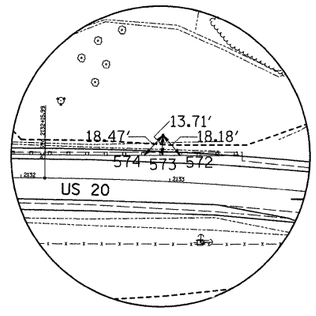
FED. ROAD DIST. NO. _ | ILLINOIS | FED. AID PROJECT

HORIZONTAL & VERTICAL CONTROL





HORIZONTIAL CONTROL
POINT No.33



HORIZONTIAL CONTROL
POINT No.34

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		DRAWN -	REVISED -			301	24T-5	JODAVIESS	43	13
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED -					CONTRACT NO. 64C69		
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HORIZONTAL & VERTICAL CONTROL

CURVE POINT NUMBERS					
CHAIN	CURVE	PI	CC	PC	PT
US20	220	220	221	222	223

Chain US20 contains:
200 CUR 210 CUR 220 CUR 230 CUR 240 48

Beginning chain US20 description
==========

Point 200 N 2,068,837.1148 E 2,313,467.4657 Sta 1921+22.8822

Course from 200 to PC 210 47° 17′ 27.2685″ Dist 5,626.2302′

Curve Data

Curve 220
P.I. Station 2135+84.8918 N 2,072,756.1149 E 2,333,379.3629
Delta = 19° 29′ 05.7767″ (RT)
Degree = 2° 40′ 00.0000″
Tangent = 368.9048′
Length = 730.6852′
Radius = 2,148.5917′
External = 31.4397′
Long Chord = 727.1692′
Mid. Ord. = 30.9863′
P.C. Station 2132+15.9870 N 2,072,759.1384 E 2,333,010.4705
P.T. Station 2139+46.6722 N 2,072,630.2172 E 2,333,726.1201
C.C. N 2,070,610.6188 E 2,332,992.8611

Course from PT 220 to PC 230 109° 57′ 16.2920″ Dist 1,659.5416′

Point 48 N 2,072,675.8691 E 2,340,073.4740 Sta 2204+97.6146

==========
Ending chain US20 description

HORIZONTAL CONTROL POINTS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
33	2072821.5884	2332040.4848	928.6840	US20	2122+45.5221	54.4982′ LT	GPS CONTROL POINT, REBAR
34	2072788.1330	2333089.9610	947.1230	US20	2132+94.1242	31.0864′ LT	GPS CONTROL POINT, REBAR

BENCH MARKS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
419	2072712.9970	2332577.1070	931.8270	US20	2127+83.0163	49.6915′ RT	POWER POLE, RAIL ROAD SPIKE
420	2072679.5107	2333205.6733	952.0080	US20	2134+18.6132	68.7834′ RT	POWER POLE, RAIL ROAD SPIKE
421	2072499.0949	2334011.8644	1000.9150	US20	2142+60.0101	25.733′ RT	BOX CULVERT, CHISELED SQUARE
422	2071984.5770	2335469.2233	1079.6020	US20	2158+00.6945	31.2242′ RT	POWER POLE, RAIL ROAD SPIKE
423	2072023.2755	2335957.7286	1061.2350	US20	2162+80.8260	32.1754′ RT	POWER POLE, RAIL ROAD SPIKE
424	2072450.6604	2337171.7959	1008.3140	US20	2175+67.0444	15.3602′ LT	BOX CULVERT, CHISELED SQUARE
425	2072704.8632	2338075.1129	996.3950	US20	2185+01.9808	29.5682′ LT	BOX CULVERT, CHISELED SQUARE

REFERENCE TIES				
POINT	CHAIN	STATION	OFFSET	DESCRIPTION
569	US20	2122+34.1843	52.5215′ RT	R.O.W. MARKER
570	US20	2122+44.9562	58.3468′ LT	R.O.W. MARKER
571	US20	2122+96.1105	17.6071′ LT	SHINER, GUARDPOST
572	US20	2133+06.3693	17.7867′ LT	BOLT, GUARDRAIL
573	US20	2132+94.0196	17.3736′ LT	BOLT, GUARDRAIL
574	US20	2132+82.3786	16.9374′ LT	BOLT, GUARDRAIL

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	24T-5	JODAVIESS	43	14
		CONTRACT NO. 64C69		
FED. ROAD DIST. NO. 2	ILLINOIS	FED. AID PROJECT		

PLAN
SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME
NOTE BOOK / NO.
DATE / BY

SECTION BEGINS STA 2122+32

IMPROVEMENT BEGINS STA 2122+00

FE+24

PE+19

PR R.O.W.

10-000-036-00
DONALD W. & DORTHY MAPES

CONSTRUCTION LIMITS

STONE RIPRAP, CLASS A4

AGGREGATE DITCH, 12"

EXISTING R.O.W.

GURADRAIL REMOVAL

MATCH LINE STA. 2120+00

MATCH LINE STA. 2126+00

2120+00 US 20 | 2121 | 2122 | 2123 | 2124 | 2125+00 US 20

12'
12'

8' HMA SHOULDERS

GUARDRAIL REMOVAL

EXISTING R.O.W.

PR R.O.W.

CLASS B, PATCH TYPE IV,10"

CONSTRUCTION LIMITS

STONE RIPRAP, CLASS A4

STA 2124+02.9
2-CELL 50'
PRECAST CONCRETE BOX CULVERT 5' X 5'
EXTENSION 8' PRECAST CONCRETE BOX CULVERT, 5'X5'
6 EACH GRATED CULVERT EXTENSION, NO. 1

10-000-106-00
DONALD W. & DORTHY MAPES

0 50' 100'

N

PROFILE
SURVEYED / PLOTTED / GRADES CHECKED / BM. NOTED / STRUCTURE NOTATIONS CHKD
NOTE BOOK / NO.
DATE / BY

Drainage Area =	202.0 acres
Existing Low Grade Elevation:	927.00 ft. @ 2122+50.
Proposed Low Grade Elevation:	927.00 ft. @ 2122+50.

Flood	Frequency Year	Discharge cfs	Headwater Elev. (ft) Existing	Proposed
Ten-Year	10	144	927.07	924.48
Design	50	311	927.62	926.17
OVT(E)	8	136	927.00	
OVT(P)	99	406		927.00
Base	100	411	X	X

10-Year Velocity through Existing Culvert = 9.6 fps
10-Year Velocity through Proposed Culvert = 6.8 fps

950 945 940 935 930 925 920 915 910

926.78

SPECIAL DITCH RT. 2122+50
-0.58%
SPECIAL DITCH RT. 2123+50
-2.00%
-8.64%
+1.92%
+1.84%
+1.50%
926.69
-1.74%
-3.94%
+3.06%
SPECIAL DITCH LT 2123+00
SPECIAL DITCH LT 2123+50
SPECIAL DITCH RT. 2124+00

EARTH EXC.	2275.2 CY
EMBANKMENT	273.2 CY
WASTE	1433.2 CY

926.88 926.50 926.41 926.56 927.00 927.40 927.74 928.20 928.71 929.27 929.80 930.30 930.73

2120+00 2120+50 2121+00 2121+50 2122+00 2122+50 2123+00 2123+50 2124+00 2124+50 2125+00 2125+50 2126+00

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 20

SCALE: 1:20 | SHEET NO. OF SHEETS | STA. 2120+00 | TO STA. 2126+00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	24T-5	JODAVIESS	43	15
		CONTRACT NO. 64C69		
FED. ROAD DIST. NO. 2	ILLINOIS	FED. AID PROJECT		

PLAN
SURVEYED DATE
DRAWN BY
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK NO.

PROFILE
SURVEYED DATE
DRAWN BY
GRADES CHECKED
BM. NOTED
STRUCTURE NOTATIONS GRKD
NOTE BOOK NO.

PR R.O.W.

CONSTRUCTION LIMITS

10-000-036-00
DONALD W. & DORTHY MAPES

STA 2130+85.6
REMOVAL OF EXISTING
STRUCTURE, NO. 1

AGGREGATE DITCH, 12"

CLASS B, PATCH TYPE IV,10"

EXISTING R.O.W.

GUARDRAIL REMOVAL

MATCH LINE STA. 2126+00

2126 US 20 2127 2128 2129 2130+00 2131 US 20

12'
12'

MATCH LINE STA. 2132+00

8' HMA SHOULDERS

EXISTING R.O.W.

CONSTRUCTION LIMITS

10-000-106-00
DONALD W. & DORTHY MAPES

PR R.O.W.

N

0 50' 100'

950 945 940 935 930 925 920 915 910

+1.96% +1.50% +1.86% +1.92% +1.50% +1.92% +1.50% +3.70%

SPECIAL DITCH
RT. 2131+50

933.02

SPECIAL DITCH
LT. 2131+50

2126+00 2132+00

930.73 931.19 931.67 932.22 932.92 933.70 934.61 935.64 936.82 938.26 939.91 941.73 943.63

2126+00 2126+50 2127+00 2127+50 2128+00 2128+50 2129+00 2129+50 2130+00 2130+50 2131+00 2131+50 2132+00

EARTH EXC.	6355.2 CY
EMBANKMENT	672.8 CY
WASTE	4093.6 CY

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 20

SCALE: 1:20 | SHEET NO. OF SHEETS | STA. 2126+00 | TO STA. 2132+00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	24T-5	JODAVIESS	43	16
		CONTRACT NO. 64C69		
FED. ROAD DIST. NO. 2	ILLINOIS	FED. AID PROJECT		

10-000-036-00
DONALD W. & DORTHY MAPES

PR R.O.W.

SOUTH MAPES RD

8' HMA SHOULDERS

EXISTING R.O.W.

CONSTRUCTION LIMITS

GUARDRAIL REMOVAL

IMPROVEMENT ENDS
STA 2134+75

MATCH LINE STA. 2132+00

12'
12'

US 20

2132 2133 2134 2135+00 2136 2137

SOUTH GULF RD

STA 2134+60.85 RT
REMOVAL OF EXISTING STRUCTURES NO. 2
10' PIPE CULVERTS, CLASS D, TYPE 1 30"
1 EACH METAL END SECTIONS 30"
CONCRETE COLLAR

SECTION ENDS
STA 2134+13.5

CONSTRUCTION LIMITS

PR R.O.W.

10-000-106-00
DONALD W. & DORTHY MAPES

EXISTING R.O.W.

US 20

N

0 50' 100'

PLAN
SURVEYED
DRAWN
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
DRAWN
GRADES CHECKED
R.M. NOTED
STRUCTURE NOTATIONS OMKD
NOTE BOOK
NO.
BY
DATE

975 970 965 960 955 950 945 940 935

950.00

+10.52%

+4.16%

+1.54%

SPECIAL DITCH
RT 2134+00

SPECIAL DITCH
RT 2133+50

2132+00 2134+75

EARTH EXC.	2203.6 CY
EMBANKMENT	55.2 CY
WASTE	1597.6 CY

943.63 945.56 947.67 949.83 952.12 954.50 957.09 959.87 962.71 965.62 968.67 971.83 975.08

2132+00 2132+50 2133+00 2133+50 2134+00 2134+50 2135+00 2135+50 2136+00 2136+50 2137+00 2137+50 2138+00

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		DRAWN -	REVISED -
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	PLOT DATE = Wed Oct 08 13:47:45 2008	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 20

SCALE: 1:20 | SHEET NO. OF SHEETS | STA. 2132+00 | TO STA. 2138+00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	24T-5	JODAVIESS	43	17

CONTRACT NO. 64C96

FED. ROAD DIST. NO. 2 | ILLINOIS | FED. AID PROJECT

10-000-106-00
DONALD W. & DORTHY MAPES

10-000-036-00
DONALD W. & DORTHY MAPES

PR R.O.W.

CONST LIMITS

US 20

CONSTRUCTION LIMITS

EXISTING R.O.W.

297 SOUTH GOLF RD 298 299 300+00 301 302 SOUTH MAPES RD

2134

2135+00

STA 2134+60.85 RT
REMOVAL OF EXISTING STRUCTURES NO. 2
10' PIPE CULVERTS, CLASS D, TYPE 1 30"
1 EACH METAL END SECTIONS 30"
CONCRETE COLLAR

0 50' 100'

PLAN
SURVEYED
PLOTTED
NOTE BOOK
NO.
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
BY
DATE

PROFILE
SURVEYED
PLOTTED
NOTE BOOK
NO.
GRADES CHECKED
R.M. NOTED
STRUCTURE NOTATNS CHKD
BY
DATE

970 965 960 955 950 945 940 935 930

952.98 952.68 952.40 952.31 952.45 952.65 953.68 952.49 950.65 949.64 949.60 949.98 950.65

297+00 297+50 298+00 298+50 299+00 299+50 300+00 300+50 301+00 301+50 302+00 302+50 303+00

948.22 -1.64% 946.20

SPECIAL DITCH
LT 299+23.54

SPECIAL DITCH
LT 299+50

299+00 299+75

EARTH EXC.	234.4 CY
EMBANKMENT	1.6 CY
WASTE	174.2 CY

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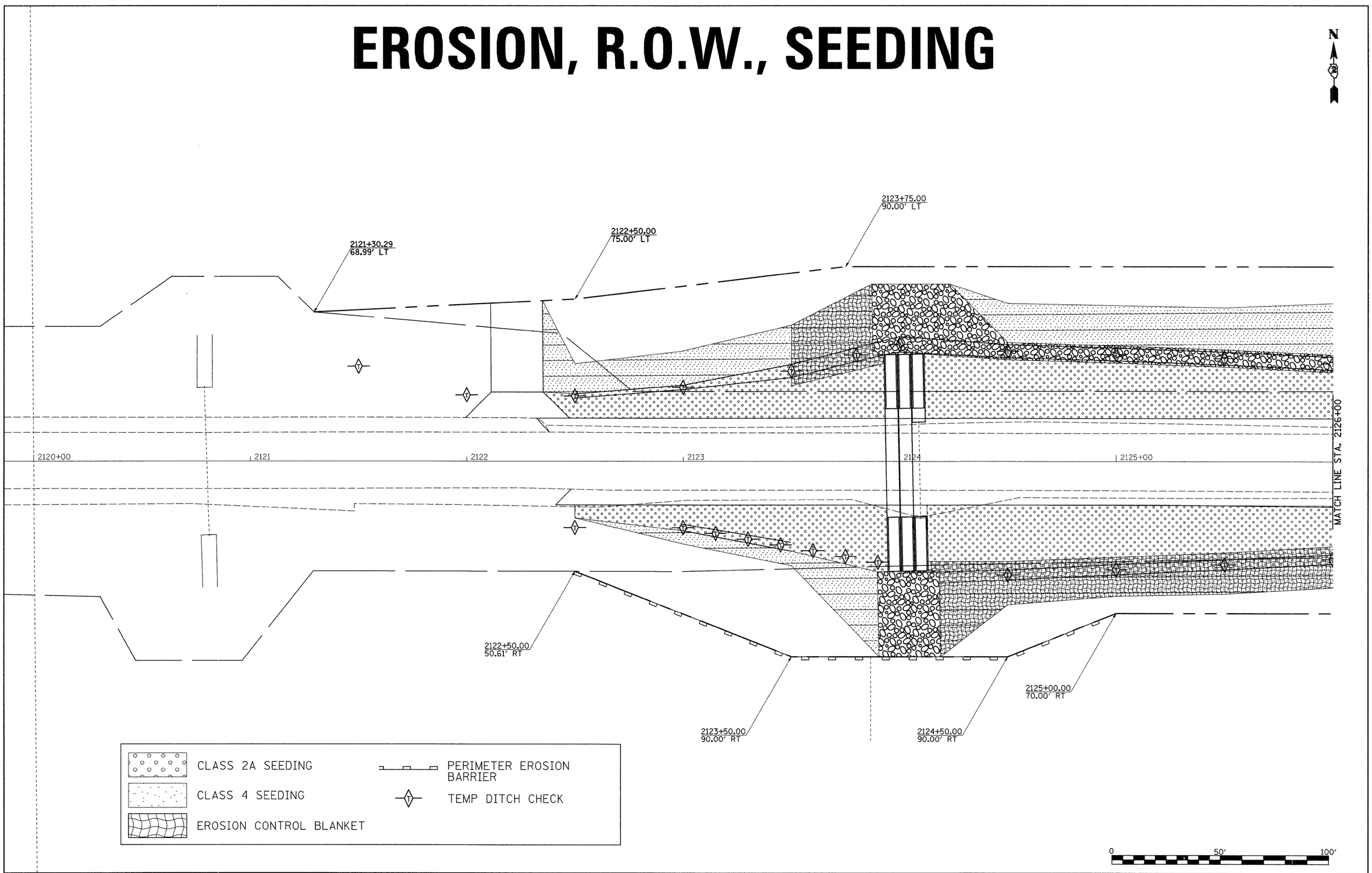
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOUTH GOLF RD/SOUTH MAPES RD

SCALE: 1:20 | SHEET NO. OF SHEETS | STA. 297+00 TO STA. 303+00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	24T-5	JODAVIESS	43	18
		CONTRACT NO. 64C96		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EROSION, R.O.W., SEEDING



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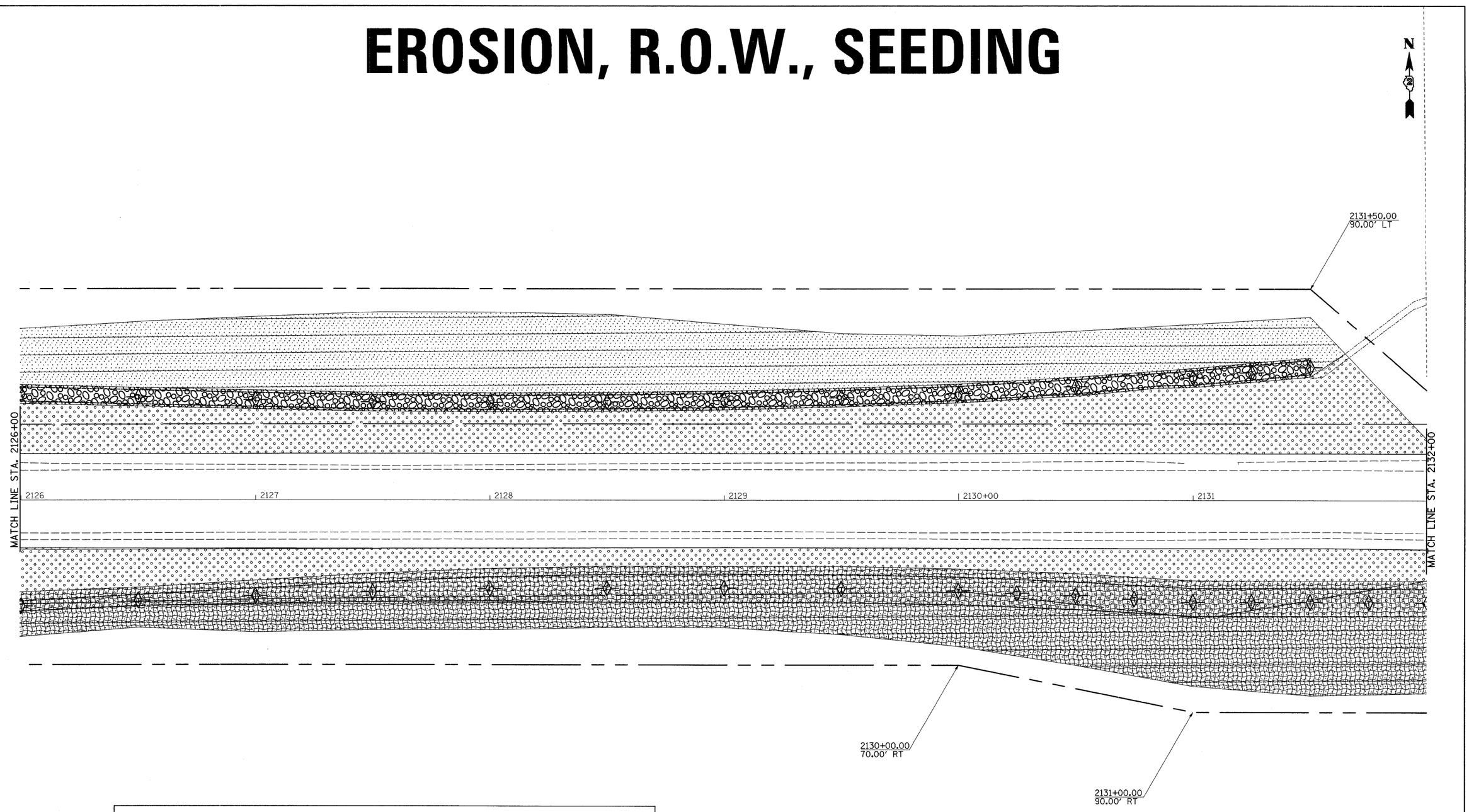
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 20

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	24T-5	JODAVIESS	43	19
		CONTRACT NO. 64C69		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EROSION, R.O.W., SEEDING



CLASS 2A SEEDING

CLASS 4 SEEDING

EROSION CONTROL BLANKET

PERIMETER EROSION BARRIER

TEMP DITCH CHECK

0 50' 100'

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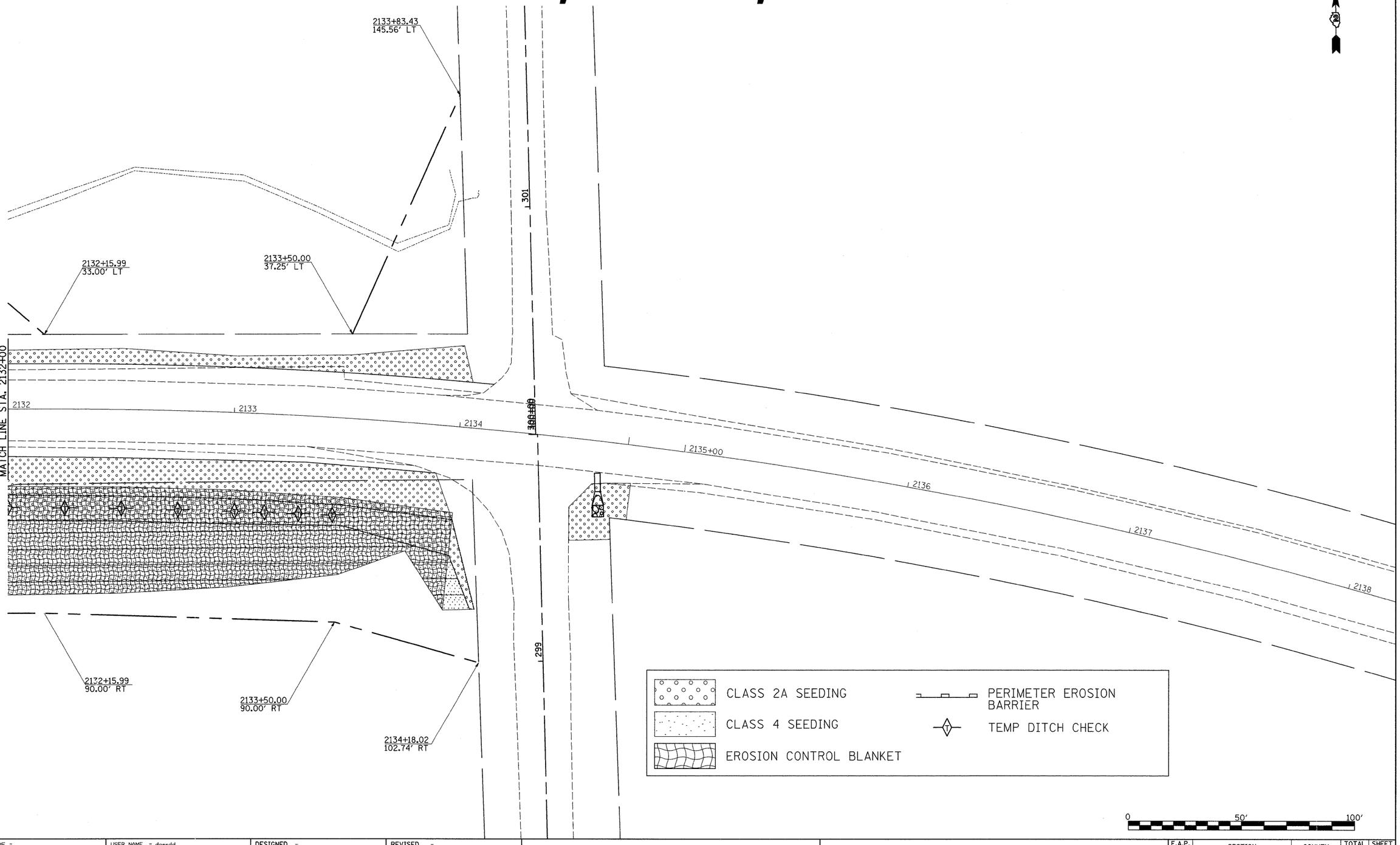
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 20

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	24T-5	JODAVIESS	43	20
		CONTRACT NO. 64C69		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EROSION, R.O.W., SEEDING



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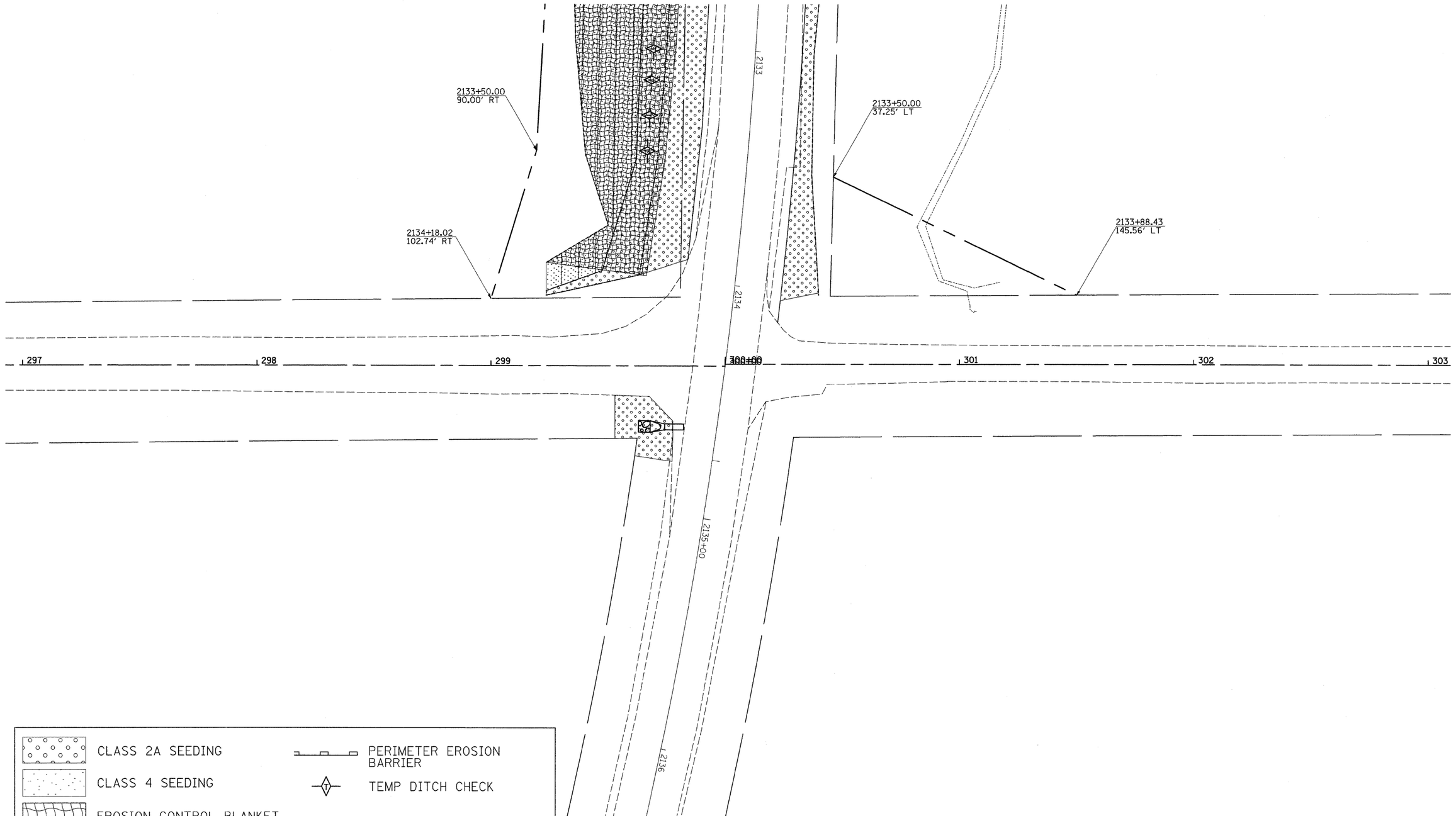
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US20

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	24T-5	JODAVIESS	43	21
		CONTRACT NO. 64C69		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EROSION, R.O.W., SEEDING



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 20

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	24T-5	JODAVIESS	43	22
		CONTRACT NO. 64C69		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BORING LOGS

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 1 of 1

Date 7/6/06

ROUTE US 20 DESCRIPTION P92-118-06 Box culvert on US 20, 1.5 m. W. of Stockton LOGGED BY P. Drezen

SECTION LOCATION Stockton Twp. - 10NE, SEC. , TWP. 27N, RNG. 4E

COUNTY JoDaviess DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO. 043-1028
Station 585+20

BORING NO. B-1
Station 585+55
Offset 8.00ft Lt CL
Ground Surface Elev. 101.00 ft

Surface Water Elev. ft
Stream Bed Elev. 93.30 ft

Groundwater Elev.:
First Encounter 87.0 ft ▼
Upon Completion ft
After Hrs. ft

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM brown LOAM			0.7 P	21.0
	98.50			
STIFF brown SILTY CLAY		2		
		4	1.4	30.0
	97.00	5	B	
	-5			
STIFF brown SILTY CLAY		2		
		3	1.7	23.0
	94.50	5	B	
VERY STIFF brown SILTY CLAY with TILL		2		
		5	3.5	25.0
	92.00	6	P	
	-10			
STIFF brown SILTY CLAY		2		
		3	1.7	28.0
	89.00	5	S	
Auger Refusal		30		
	87.50	100/5"		
End of Boring ▼				
	-15			
	-20			

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)

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 1 of 1

Date 7/6/06

ROUTE US 20 DESCRIPTION P92-118-06 Box culvert on US 20, 1.5 m. W. of Stockton LOGGED BY P. Drezen

SECTION LOCATION Stockton Twp. - 10 NE, SEC. , TWP. 27N, RNG. 4E

COUNTY JoDaviess DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO. 043-1028
Station 585+20

BORING NO. B-2
Station 584+90
Offset 9.00ft Rt CL
Ground Surface Elev. 98.80 ft

Surface Water Elev. ft
Stream Bed Elev. 93.30 ft

Groundwater Elev.:
First Encounter 87.3 ft ▼
Upon Completion 87.3 ft ▽
After Hrs. ft

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
STIFF brown LOAM			1.5 P	19.0
	96.30			
STIFF black SILTY CLAY		3		
		4	1.4	25.0
	94.80	5	B	
	-5			
STIFF brown SILTY CLAY		1		
		3	1.4	25.0
	92.30	5	B	
MEDIUM brown SILTY CLAY		4		
		5	1.0	31.0
	89.80	7	B	
	-10			
MEDIUM brown weathered LIMESTONE and SANDY LOAM		2		
		21	0.8	23.0
▼	86.80	26	P	
HARD tan weathered LIMESTONE		100/8"		
	84.80			
End of Boring				
	-15			
	-20			

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)

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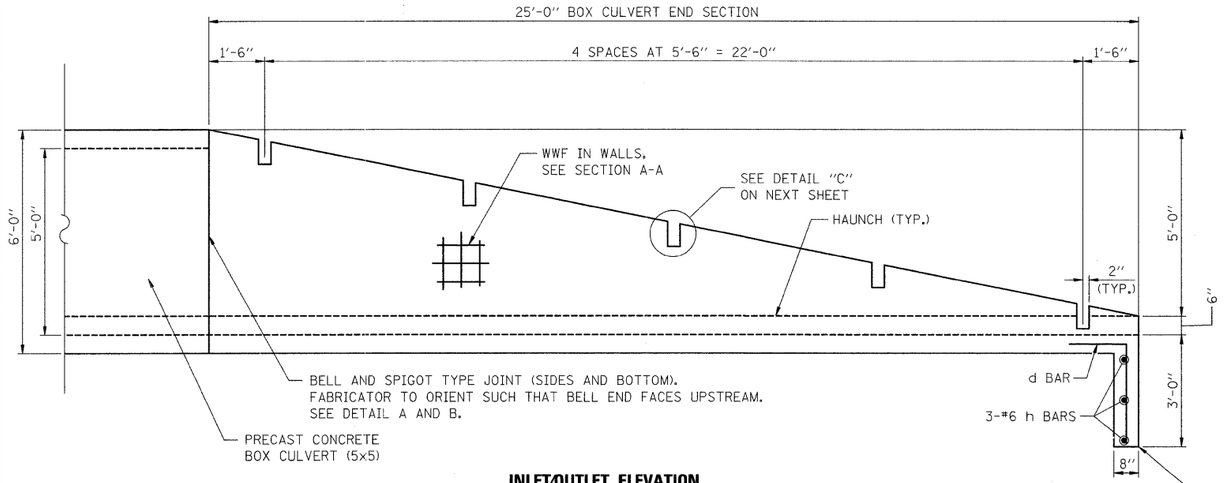
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

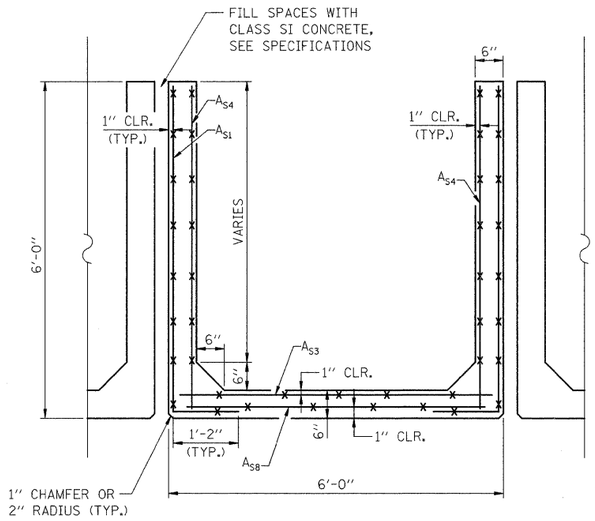
BORING LOGS

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	24T-5	JODAVIESS	43	23
		CONTRACT NO. 64C69		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



INLET/OUTLET ELEVATION
(3 END SECTIONS, EACH END 6 TOTAL)



SECTION A-A
NOTE TO SCALE

MINIMUM AREA OF STEEL FOR A_{S1}, A_{S3}, A_{S4}, AND A_{S8} SHALL BE 0.16 IN^2/FT EACH WAY. ACCEPTABLE PATTERNS INCLUDE:
WWF 3x3 D4xD4 OR WWF 6x6 D8xD8.

**** GRATED CULVERT EXTENSION, NO. 1**
BILL OF MATERIAL
FOR EACH SECTION

BAR	NO.	SIZE	LENGTH	SHAPE
d	5	#4	5'-4"	⌐
h	3	#6	5'-8"	——

WWF 3x3 D4xD4 OR WWF 6x6 D8xD8		
PIECE	AREA	WEIGHT
A_{S1}	9'-0" x 24'-10"	245
A_{S3}	5'-8" x 24'-10"	155
A_{S4}	6'-6" x 24'-10"	180
A_{S8}	5'-8" x 24'-10"	155

ITEM	UNIT	QUANTITY
REINFORCEMENT BARS	POUND	80
WWF	POUND	735
CONCRETE	C.Y.	5.8

** QUANTITIES GIVEN ARE FOR EACH END SECTION AND ARE GIVEN FOR INFORMATIONAL PURPOSES ONLY. MATERIALS WILL ALL BE PAID FOR UNDER "GRATED CULVERT EXTENSION, NO. 1".

GENERAL NOTES

REINFORCEMENT AND CLEAR COVER SHOWN ARE INTENDED FOR A PRECAST GRATED CULVERT EXTENSION, NO. 1 USING 5000 PSI MINIMUM CONCRETE STRENGTH. THERE SHALL NOT BE AN OPTION TO CAST IN PLACE.

REINFORCEMENT SHOWN HAS BEEN DETERMINED ADEQUATE FOR IN-SERVICE LOADS. FABRICATOR SHALL ADD ANY REINFORCEMENT NEEDED TO PREVENT DAMAGE DUE TO STRIPPING OF FORM WORK, HOISTING, OR SHIPPING.

FABRICATOR SHALL DETERMINE LOCATION(S) OF JOINTS (IF NEEDED) AND 2" DIAMETER HOLES FOR LIFTING DEVICES. IF JOINTS ARE NEEDED THEY SHALL BE VERTICAL, BELL AND SPIGOT JOINTS AS SHOWN ON THIS DRAWING. LONGITUDINAL BARS SHALL BE TERMINATED EITHER SIDE OF JOINT AS SHOWN ON THE DETAIL. COST OF FORMING THE JOINTS AND CUTTING LONGITUDINAL BARS SHALL BE INCLUDED UNDER THE PAY ITEM "GRATED CULVERT EXTENSION, NO.1".

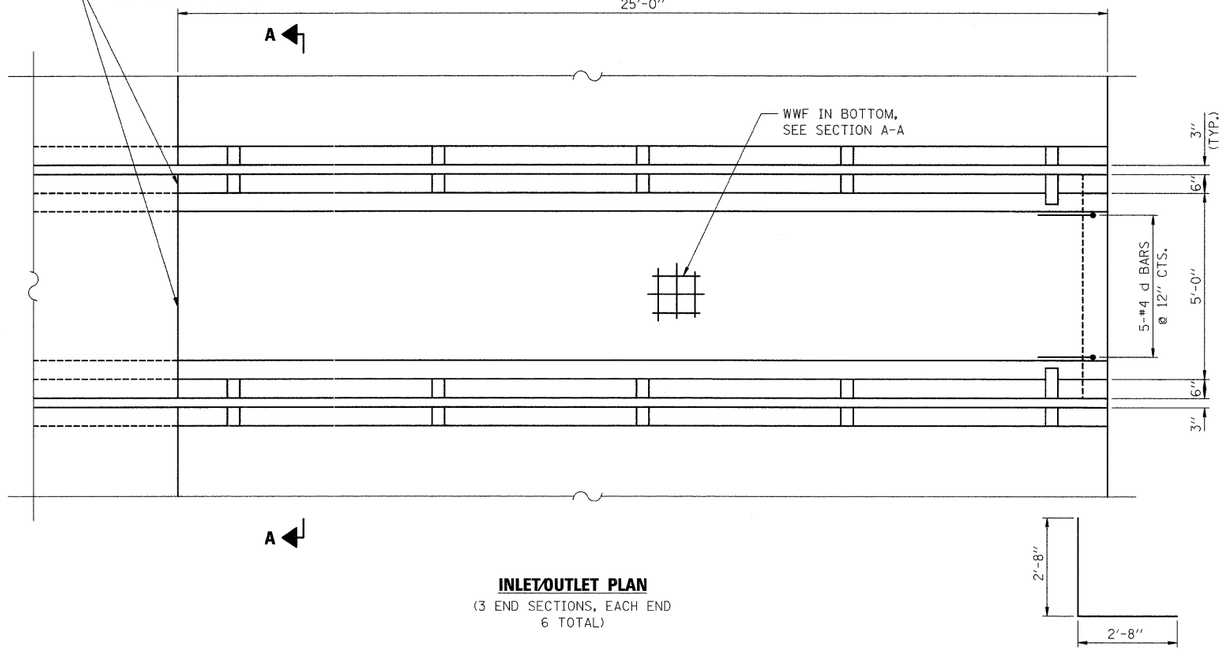
WWF SHALL CONFORM TO ASTM A497.

GRATED CULVERT EXTENSIONS, NO. 1 SHALL BE CONSTRUCTED ACCORDING TO THE REQUIREMENTS OF SECTION 540 OF THE STANDARD SPECIFICATIONS EXCEPT AS MODIFIED HEREIN.

TYPICAL BOX CULVERT SECTION DIMENSIONS, MATERIALS, AND REINFORCEMENT DETAILS FOR GRATED CULVERT EXTENSIONS, NO. 1 SHALL BE ACCORDING TO THE REQUIREMENTS OF AASHTO M 259 OR M 273 AS REQUIRED FOR THE DESIGN OF THE PORTION OF THE CULVERT WITHIN THE LIMITS OF PRECAST CONCRETE BOX CULVERTS EXCEPT AS MODIFIED HEREIN.

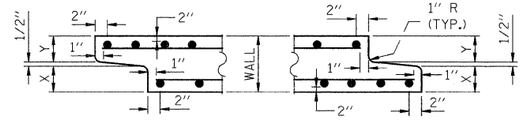
CLASS SI CONCRETE MAY BE USED FOR CONSTRUCTION OF THE TOEWALL.

REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A 706 GR. 60 (IL MODIFIED). SEE SPECIAL PROVISIONS.



INLET/OUTLET PLAN
(3 END SECTIONS, EACH END 6 TOTAL)

BAR d

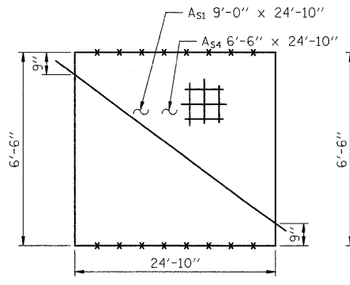


END SECTION IS SUBJECT TO VARIATION BY FABRICATOR.

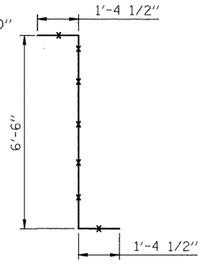
DETAIL A
NOTE TO SCALE
(TYP. INLET END)

DETAIL B
NOTE TO SCALE
(TYP. OUTLET END)

NOTE: INLET AND OUTLET ENDS SHALL BE COMPATIBLE



CUTTING DIAGRAM
A_{S1}
A_{S4}



BENDING DIAGRAM
A_{S1} ONLY

STATE OF ILLINOIS
ROBERT G. DAVIES
081-004666
LICENSED STRUCTURAL ENGINEER
MCHENRY, IL

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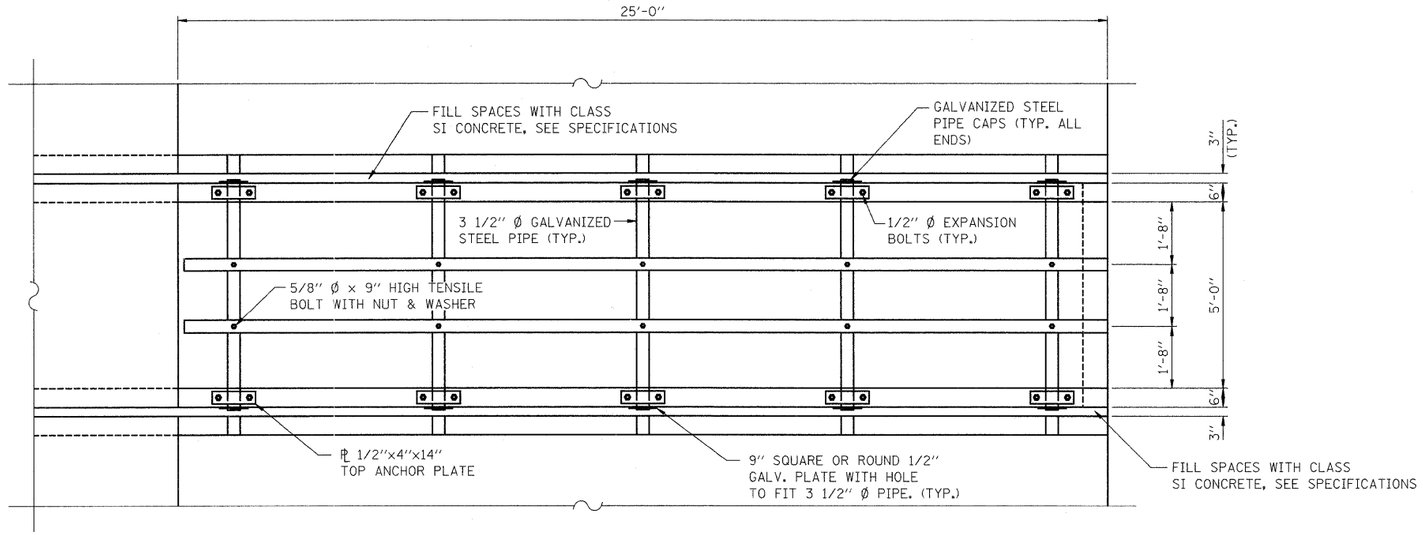
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

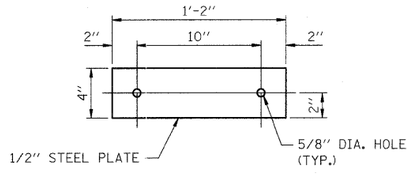
REGION 2 /DISTRICT 2 GRATED CULVERT EXTENSION STA. 2124+09.22
PRECAST CONCRETE DETAILS

SCALE: N.T.S. | SHEET NO. 1 OF 2 SHEETS | STA. | TO STA.

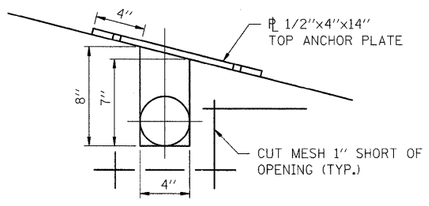
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	24T-5	JODAVIESS	43	24
		CONTRACT NO. 64C69		
FED. ROAD DIST. NO. 2	ILLINOIS	FED. AID PROJECT		



PIPE GRATE PLAN
(3 END SECTIONS, EACH END 6 TOTAL)



TOP ANCHOR PLATE
(10 EACH SECTION, 60 TOTAL)



DETAIL "C"

**GRATED CULVERT EXTENSION, NO. 1 BILL OF MATERIAL

ITEM	UNIT	QUANTITY
3 1/2" Ø GALV. STEEL PIPE	EACH	2 @ 25'-2" 5@ 6'-2"
1/2"x4"x14" GALV. ANCHOR PLATE	EACH	10
5/8"Ø x 9" GALV. BOLTS	EACH	10
1/2"Ø GALV. EXP. BOLTS	EACH	20
9" SQ. OR ROUND 1/2" GALV. PLATE	EACH	10
GAL. STEEL PIPE CAPS	EACH	14

** QUANTITIES GIVEN ARE FOR EACH GRATED CULVERT EXTENSION, NO. 1 FOR INFORMATIONAL PURPOSES ONLY. COST TO BE INCLUDED IN THE BID ITEM "GRATED CULVERT EXTENSIONS, NO. 1."

GENERAL NOTES

STEEL PIPES SHALL CONFORM TO A.S.T.M. A-53 (TYPE E OR S) GRADE B, SCHEDULE 40, & SHALL BE GALVANIZED CONFORMING TO A.S.T.M. A-120.

STEEL PLATES SHALL CONFORM TO AASHTO M-183 & SHALL BE GALVANIZED CONFORMING TO AASHTO M-111.

BOLTS, NUTS & WASHERS SHALL BE IN ACCORDANCE WITH ARTICLE 1006.08 OF THE STANDARD SPECIFICATIONS & SHALL BE GALVANIZED.

THE CONTRACT UNIT PRICE "EACH" FOR GRATED CULVERT EXTENSION, NO. 1 SHALL INCLUDE THE EXPANSION BOLTS, GALVANIZED PIPES, CLASS SI CONCRETE, BOLTS, NUTS, REINFORCEMENT, WASHERS & STEEL PLATES.

FILE NAME = $FILES$	USER NAME = dossdd	DESIGNED MGH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 /DISTRICT 2 GRATED CULVERT EXTENSION STA. 2124+09.22 STEEL GRATING DETAILS				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN WJH	REVISED -						301	24T-5	JODAVIESS	43	25
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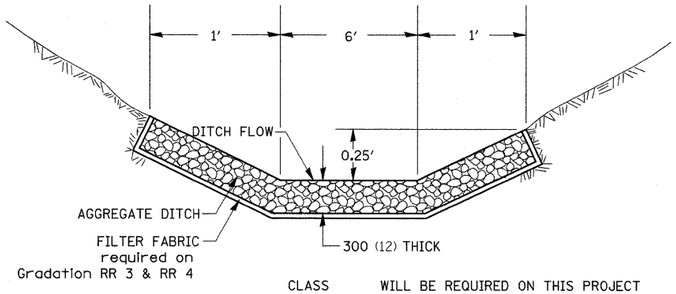
	PLOT DATE = Wed Oct 08 14:01:30 2008	DATE 7/28/2008	REVISED -		SCALE: N.T.S.	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 2	ILLINOIS	FED. AID PROJECT		

AGGREGATE DITCH FOR FLEXIBLE DITCH LINING



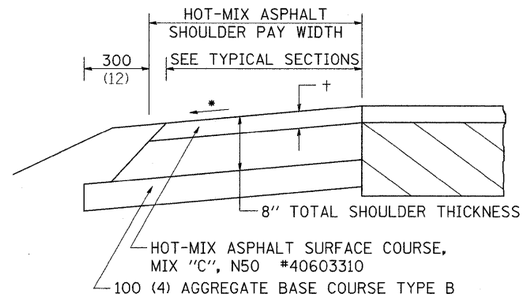
CLASS WILL BE REQUIRED ON THIS PROJECT AT THE LOCATION SHOWN ON THE PLANS.

THIS WORK SHALL BE DONE IN ACCORDANCE WITH SECTION 283. AGGREGATE DITCH WILL BE MEASURED FOR PAYMENT IN PLACE AND THE AREA COMPUTED IN SQUARE METERS (SQUARE YARD) OF ACTUAL SURFACE AREA.
AGGREGATE DITCH WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE METER (SQUARE YARD) FOR AGGREGATE DITCH, 300 mm (12").

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

REVISED - 11-01-07

HOT-MIX ASPHALT SHOULDER



† = SEE TYPICAL SECTIONS FOR THICKNESS

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.

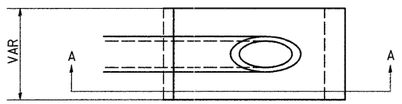
REMOVAL OF MATERIAL FOR PLACEMENT OF THE HOT-MIX ASPHALT SHOULDER TO BE PAID FOR IN UNITS FOR EXCAVATING AND GRADING EXISTING SHOULDERS OR IN CUBIC YARDS FOR EARTH EXCAVATION OR EARTH EXCAVATION WIDENING.

* 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.

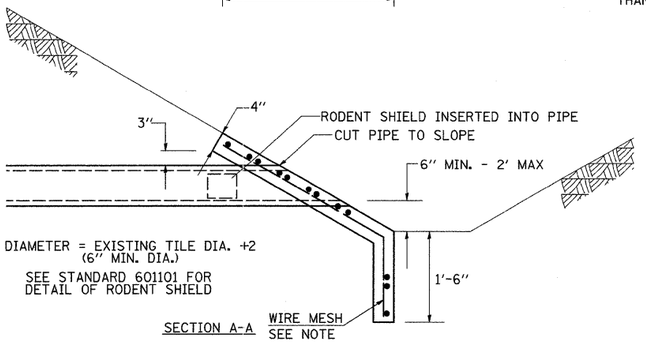
REVISED - 11-01-07

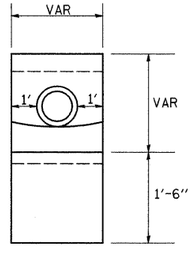
SLOPE WALL FOR FIELD TILE OUTLETS



NOTES

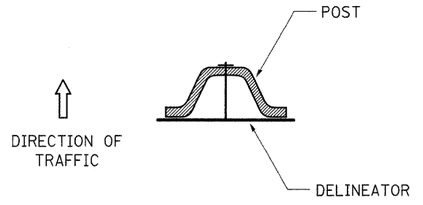
1. ANY STORM SEWER OR FIELD TILE OUTLET INTO A DITCH SHALL HAVE A HEADWALL BUILT IN ACCORDANCE WITH THIS DETAIL.
2. COST OF FURNISHING AND INSTALLING WIRE MESH SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR MISCELLANEOUS CONCRETE. WIRE MESH TO WEIGH NOT LESS THAN 58# PER 100 SQ. FT.

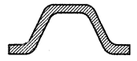




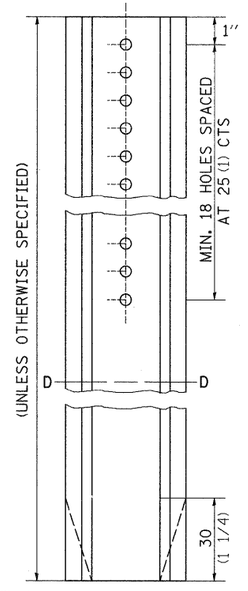
REVISED - 1-24-07

DELINEATOR AND POST ORIENTATION





SECTION D-D



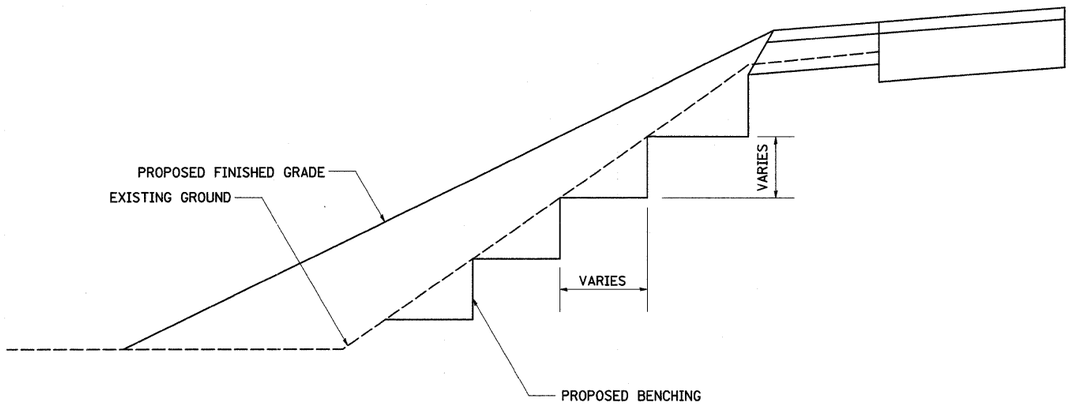
DELINEATORS SHALL BE INSTALLED ACCORDING TO STANDARD 635001 EXCEPT THAT THE POST SHALL BE ROTATED 180° . THE POST WILL HAVE THE WIDE SIDE FACING TRAFFIC AND THE DELINEATOR ATTACHECD AS SHOWN ABOVE.

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

REVISED - 11-01-07	REGION 2 / DISTRICT 2 STANDARD						F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -							301	24T-5	JODAVIESS	43	26
REVISED -									CONTRACT NO. 64C69		
REVISED -	SCALE: 50.0000 ' / IN.	SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLOT DATE = Wed Oct 08 14:07:42 2008

TYPICAL BENCHING ON EXISTING EMBANKMENT



REVISED - 2-22-06

TYPICAL BENCHING ON EXISTING EMBANKMENT 50.4

LETTERING FOR NAME PLATE

STATION 2124+03
BUILT 2009 BY
STATE OF ILLINOIS
US RTE. 20 SEC. 24T-5
FAP PROJECT 301
LOADING HS 20
STR. NO. 043-1027

SEE STD. 515001

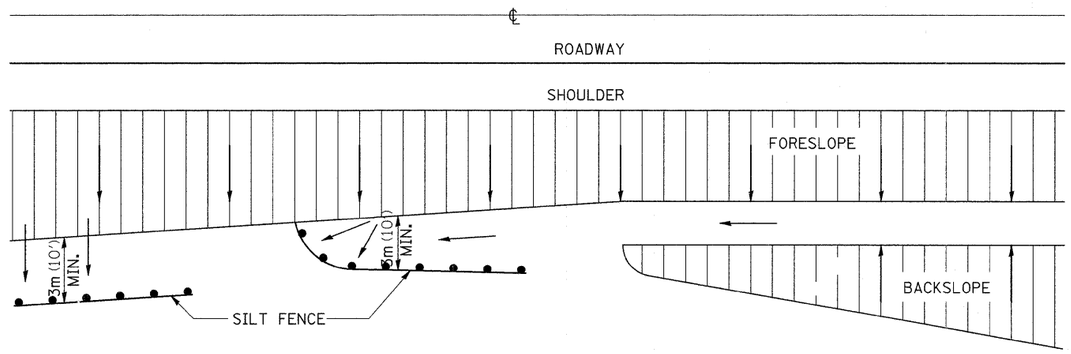
STATION	STRUCTURE NO.

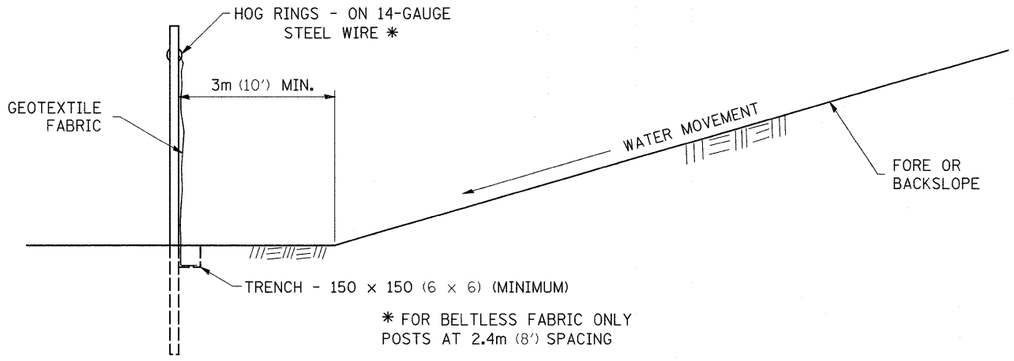
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

REVISED - 11-01-07

LETTERING FOR NAME PLATE 89.4

EROSION CONTROL DETAILS FOR SILT FENCE





DETAILS OF SILT FENCE

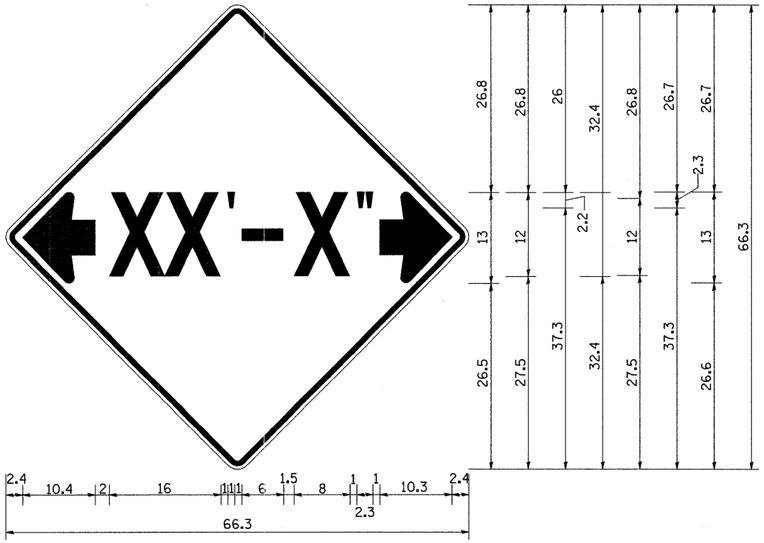
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

REVISED - 10-22-01	REGION 2 / DISTRICT 2 STANDARD					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -						301	24T-5	JODAVIESS	43	27
REVISED -								CONTRACT NO. 64C69		
REVISED -	SCALE: 50.0000 ' / IN.	SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

PLOT DATE = Wed Oct 08 14:07:42 2008

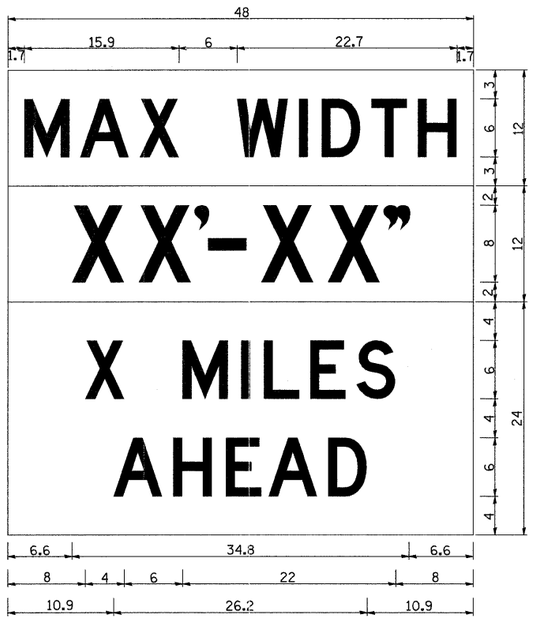
EROSION CONTROL DETAILS FOR SILT FENCE 29.2

INFORMATIONAL WARNING SIGN (FOR NARROW TRAVEL LANES)



NOTES

W12-2 - Horizontal Clearance Sign 48.0" across sides, 1.9" Radius, 0.8" Border, 0.5" Indent, Black on Orange; Standard Arrow Custom 10.4" X 8.1" 180° Black 11 Inch D Series Lettering; Standard Arrow Custom 10.4" X 8.1" 0°



W12-I103 (Width is 8D);
No border, Black on White;
[MAX WIDTH] D;

No border, Black on Orange;
[XX'-XX"] D;

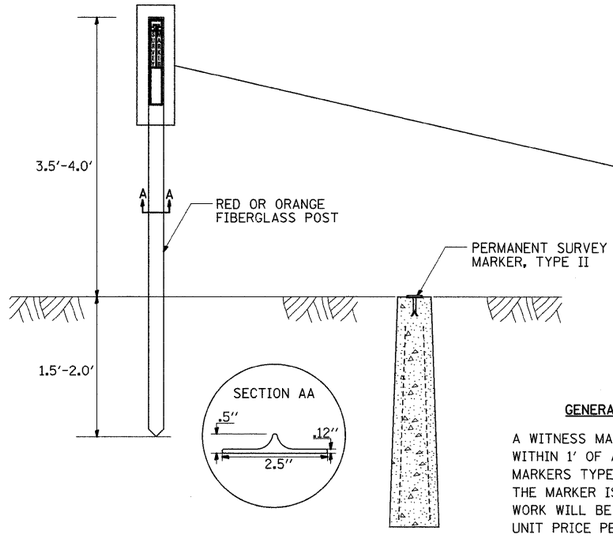
No border, Black on White;
[X MILES] D; [AHEAD] D;

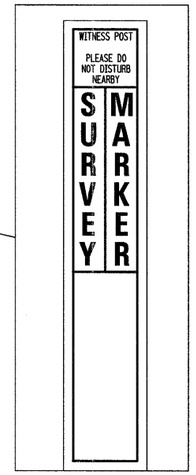
All work to furnish and install these signs shall be included in the cost of the Traffic Control Standards and shall not be paid for separately.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 1-9-08

WITNESS MARKER FOR PERMANENT SURVEY MARKERS, TYPE II

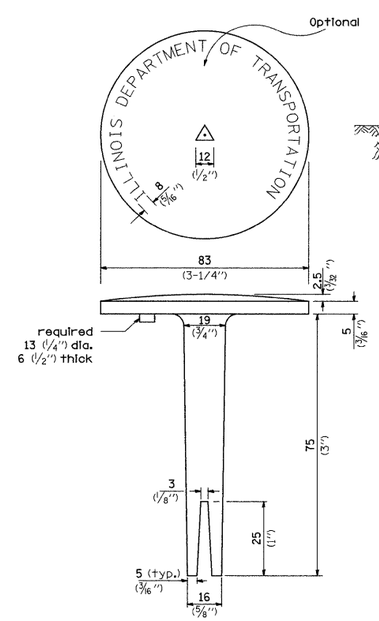




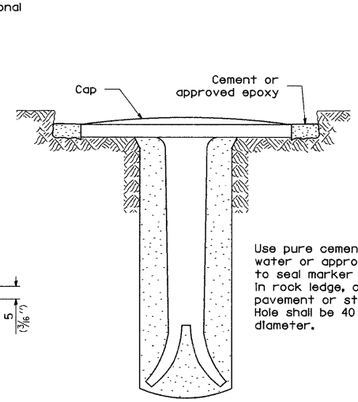
GENERAL NOTES

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.

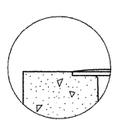
PERMANENT SURVEY MARKERS, TYPE II



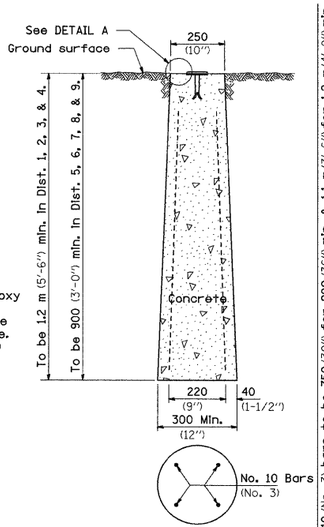
BRASS OR ALUMINUM TABLET



TYPE II



DETAIL A



TYPE II

CAST-IN-PLACE MARKER

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

REVISED - 6-26-06	REGION 2 / DISTRICT 2 STANDARD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
REVISED - ___		301	24T-5	JODAVIESS	43 / 28
REVISED - ___				CONTRACT NO. 64C69	
REVISED - ___	SCALE: 50.0000 ' / IN. SHEET NO. __ OF ___ SHEETS STA. _____ TO STA. _____	FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT	

PLOT DATE = Thu Oct 09 09:41:03 2008

STORM WATER POLLUTION PREVENTION PLAN
EROSION CONTROL PLAN

THE FOLLOWING PLAN WAS ESTABLISHED AND INCLUDED IN THESE PLANS TO DIRECT THE CONTRACTOR IN THE PLACEMENT OF TEMPORARY EROSION CONTROL SYSTEMS AND TO PROVIDE A STORM WATER POLLUTION PREVENTION PLAN FOR COMPLIANCE UNDER NPDES.

THE PURPOSE OF THIS PLAN IS TO MINIMIZE SILTATION WITHIN THE CONSTRUCTION ZONE AND TO ELIMINATE SEDIMENTS FROM ENTERING AND LEAVING THE CONSTRUCTION ZONE BY UTILIZING PROPER TEMPORARY EROSION CONTROL SYSTEMS AND PROVIDING GROUND COVER WITHIN A REASONABLE AMOUNT OF TIME.

CERTAIN ITEMS, AS SHOWN IN THIS PLAN AND REFERENCED BY THE LEGEND, SHALL BE PLACED BY THE CONTRACTOR AT THE BEGINNING OF CONSTRUCTION. OTHER ITEMS SHALL BE PLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER ON A CASE BY CASE SITUATION RESULTING FROM THE CONTRACTOR'S SEQUENCE OF ACTIVITIES, TIME OF YEAR, AND EXPECTED WEATHER CONDITIONS.

THE CONTRACTOR SHALL PLACE PERMANENT EROSION CONTROL SYSTEMS AND SEEDING WITHIN A REASONABLE AMOUNT OF TIME: THEREFORE, REDUCING THE AMOUNT OF AREA BEING OPEN TO THE POSSIBILITY OF EROSION AND REDUCING THE AMOUNT OF TEMPORARY SEEDING. THE RESIDENT ENGINEER WILL DETERMINE IF TEMPORARY EROSION CONTROL SYSTEMS SHOWN IN THE PLAN CAN BE DELETED, THE SIZE OF THE PROPOSED DITCH CHECKS, THE PROPER METHOD OF INSTALLATION, AND IF ANY ADDITIONAL TEMPORARY EROSION CONTROL SYSTEMS SHALL BE ADDED WHICH ARE NOT INCLUDED IN THE PLANS. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE ENGINEER AND AS SHOWN IN STANDARD 280001 OF THE PLANS.

SITE DESCRIPTION
DESCRIPTION OF CONSTRUCTION ACTIVITY:
THIS PROJECT CONSISTS OF CULVERT REMOVAL OF SN 043-1028 AND ADD 2 CELLS 5'X5' AND EXTENDING THE 5'X5' PCC BOX CULVERT SN 043-1027. DITCHES WILL BE GRADED AND SHAPED WITH AN AGGREGATE DITCH LINING ON THE NORTH SIDE OF THE ROAD.

DESCRIPTION OF INTENDED SEQUENCE OF ACTIVITIES:
THE SEQUENCE OF EVENTS ARE AS FOLLOW: CLEARING, EMBANKMENT, EXCAVATION, GRADING AND PAVING. THIS PROJECT WILL BE CONSTRUCTED IN SEGMENTS AS SHOWN IN THE "STAGING PLANS".

TOTAL CONSTRUCTION SITE (CONSTRUCTION LIMIT TO CONSTRUCTION LIMIT) 2.95 ACRES
PROPOSED R.O.W (TOTAL PARCEL AREA) 2.22 ACRES
DISTURBED BY EXCAVATION (E.O.P TO CONSTRUCTION LIMIT) 2.25 ACRES

SUPPORTING REPORTS AND PLANS
THE FOLLOWING ASSISTED IN DEVELOPING THE EROSION CONTROL PLAN AS REFERENCED DOCUMENTS:

SOIL PROFILE SHEETS, SOILS REPORTS, BORING LOGS
USGS DRAINAGE MAPS, PROJECT PLAN DOCUMENTS

DRAINAGE TRIBUTARIES RECEIVING WATER FROM CONSTRUCTION SITE

RUSH CREEK

EROSION CONTROLS AND SEDIMENT CONTROL PROCEDURES
STABILIZATION PRACTICES AT THE BEGINNING OF CONSTRUCTION:
PERIMETER EROSION CONTROL SHALL BE PLACED PRIOR TO BEGINNING EARTHWORK.

STABILIZATION PRACTICES DURING CONSTRUCTION:
AS EARTH EXCAVATION AND EMBANKMENT ARE BEING COMPLETED THE CONTRACTOR SHALL PLACE DITCH CHECKS, INLET AND PIPE PROTECTION, EROSION CONTROL BLANKET, AND SEEDING AS STAGES OF THE PROJECT ARE COMPLETED. PERIMETER EROSION BARRIER WILL BE INSTALLED AT ADDITIONAL LOCATIONS AS THE PROJECT PROGRESSES. SEEDING SHALL BE COMPLETED AS SPECIFIED IN THE EROSION CONTROL/SEEDING MOBILIZATION AND TEMPORARY SEEDING SPECIAL PROVISION.

MAINTENANCE AFTER FINAL GRADING
TEMPORARY EROSION CONTROL SYSTEMS SHALL BE LEFT IN PLACE WITH PROPER MAINTENANCE UNTIL PERMANENT EROSION CONTROL IS IN PLACE AND WORKING PROPERLY AND ALL PROPOSED TURF AREAS SEEDED AND ESTABLISHED WITH THE PROPER STAND. ONCE PERMANENT EROSION CONTROL SYSTEMS AS PROPOSED IN THE PLANS ARE FUNCTIONAL AND ESTABLISHED, TEMPORARY ITEMS SHALL BE REMOVED, CLEANED UP AND DISTURBED TURF RESEEDED.

FILE NAME = c:\pw_work\pwidot\dossdd\dms34506\d1180spl.dgn	USER NAME = dossdd	DESIGNED -	REVISED - 5-12-04	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD			
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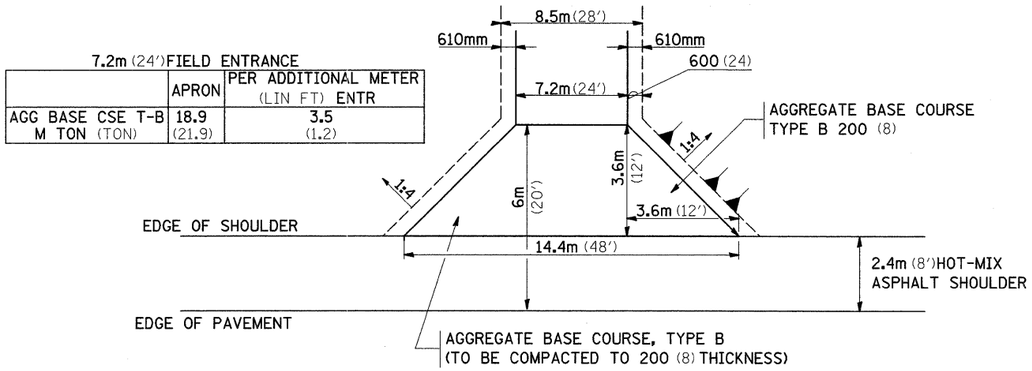
	PLOT DATE = Wed Oct 08 14:07:43 2008	CHECKED -	REVISED -					
		DATE -	REVISED -					

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	24T-5	JODAVIESS	43	29
		CONTRACT NO. 64C69		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

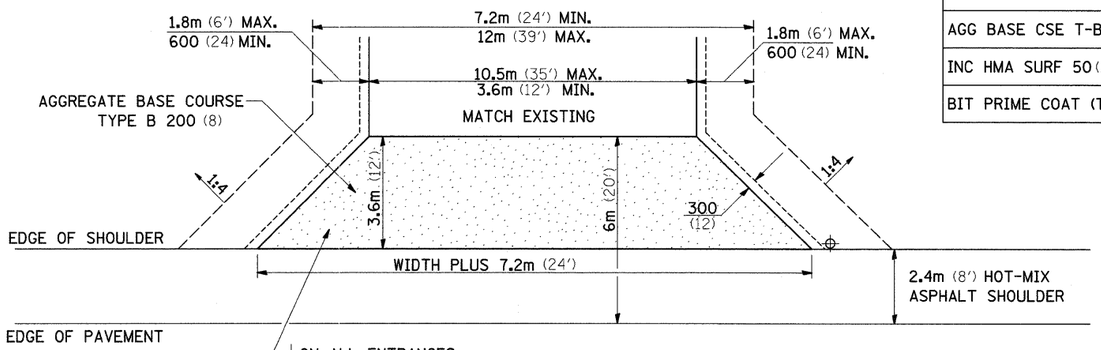
ENTRANCE AND SIDEROADS WITH 2.4m (8') HOT-MIX ASPHALT SHOULDERS

7.2m (24') FIELD ENTRANCE	APRON	PER ADDITIONAL METER (LIN FT) ENTR
AGG BASE CSE T-B M TON (TON)	18.9 (21.9)	3.5 (1.2)

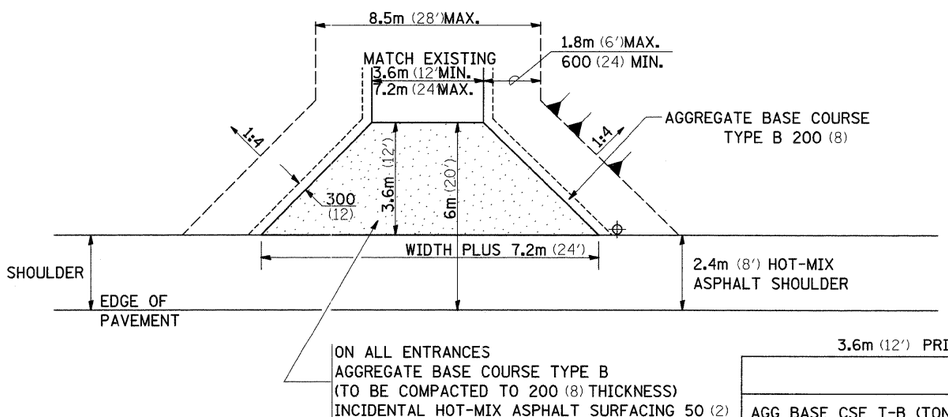


FIELD ENTRANCE

COMMERICAL ENTRANCE	3.6m (12')	10.5m (35')	PER METER ENTR (FOOT) 3.6m (12')	10.5m (35')
AGG BASE CSE T-B (TON)	14.3 (15.8)	27.0 (29.8)	0.64 (0.70)	1.70 (1.87)
INC HMA SURF 50 (2) (TON)	3.3 (3.6)	6.35 (7.0)	0.14 (0.15)	0.40 (0.44)
BIT PRIME COAT (TON)	0.042 (0.046)	0.082 (0.090)	0.002 (0.002)	0.005 (0.006)



COMMERCIAL ENTRANCE

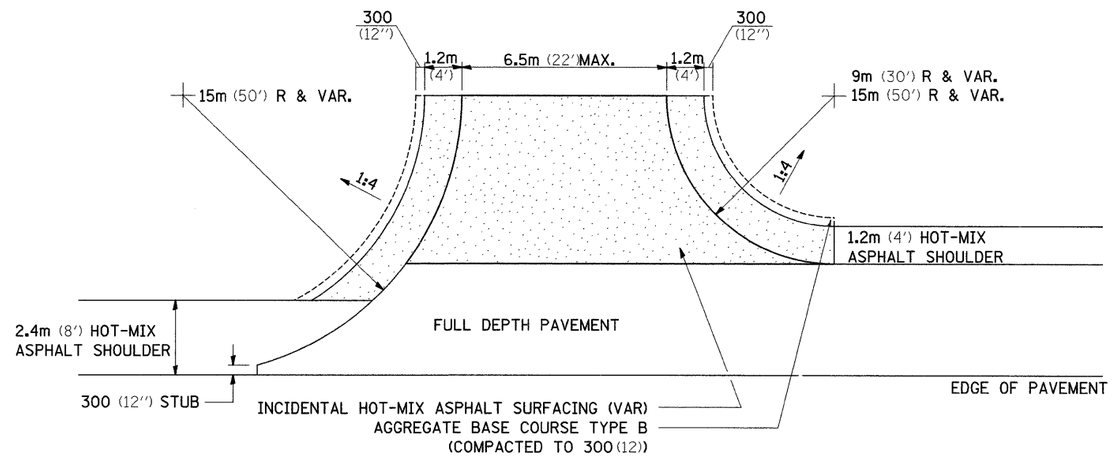


PRIVATE ENTRANCE

3.6m (12') PRIVATE ENTRANCE	3.6m (12')	7.2m (24')	PER METER ENTR (FOOT) 3.6m (12')	7.2m (24')
AGG BASE CSE T-B (TON)	14.3 (15.8)	21.0 (23.1)	0.64 (0.70)	1.20 (1.32)
INC HMA SURF 50 (2) (TON)	3.3 (3.6)	4.9 (5.4)	0.14 (0.15)	0.27 (0.30)
BIT PRIME COAT (TON)	0.042 (0.046)	0.063 (0.069)	0.002 (0.002)	0.004 (0.004)

NOTE

1. ALL PE & CE ARE TO BE INCIDENTAL HOT-MIX ASPHALT SURFACED TO RIGHT OF WAY LINE. AREA BEHIND RIGHT OF WAY SHALL MATCH EXISTING SURFACE.
2. FE ARE TO BE AGGREGATE TO RIGHT OF WAY OR TOUCH DOWN, WHICH EVER IS GREATEST.
3. QUANTITIES ARE CALCULATED WITH 2.4m HOT-MIX ASPHALT SHOULDER IN PLACE. AGGREGATE QUANTITIES SHOWN ARE FOR NEW CONSTRUCTION.
4. EXCAVATION REQUIRED FOR PLACEMENT OF AGGREGATE BASE COURSE SHALL BE CONSIDERED INCLUDED TO THE AGGREGATE BASE COURSE.
5. ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.



SIDE ROAD RETURN

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	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED -	
	PLOT DATE = Wed Oct 08 14:07:43 2008	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

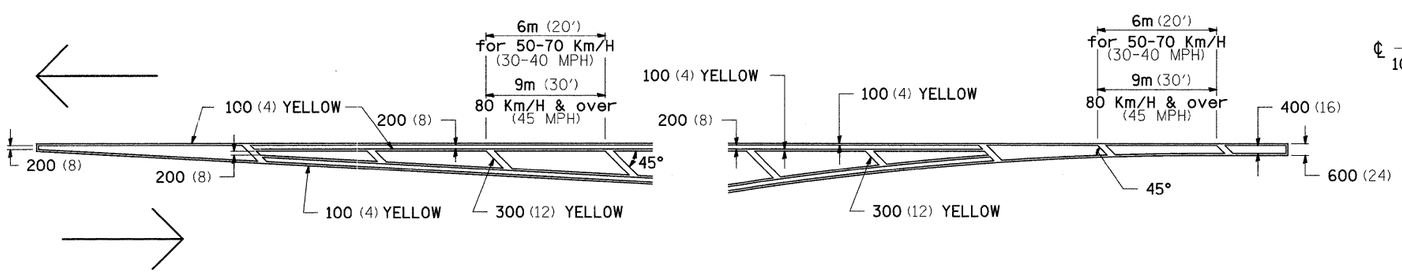
REGION 2 / DISTRICT 2 STANDARD

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

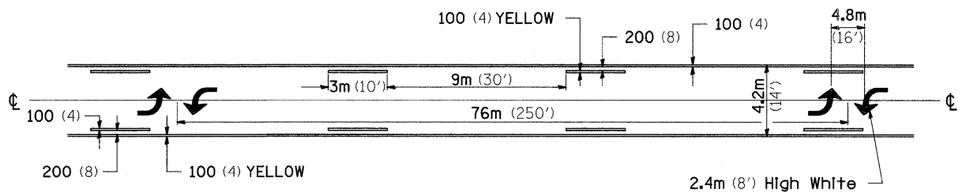
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	24T-5	JODAVIESS	43	30
		CONTRACT NO. 64C69		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TYPICAL PAVEMENT MARKINGS

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

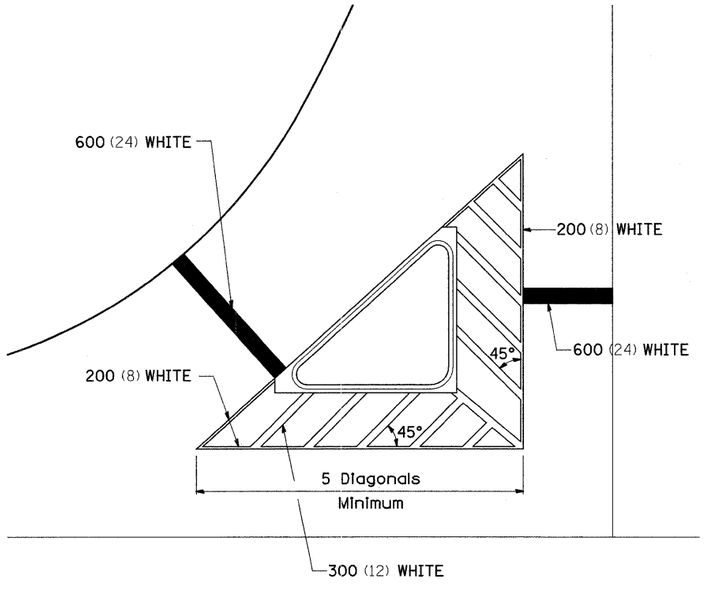


MEDIAN PAVEMENT MARKING

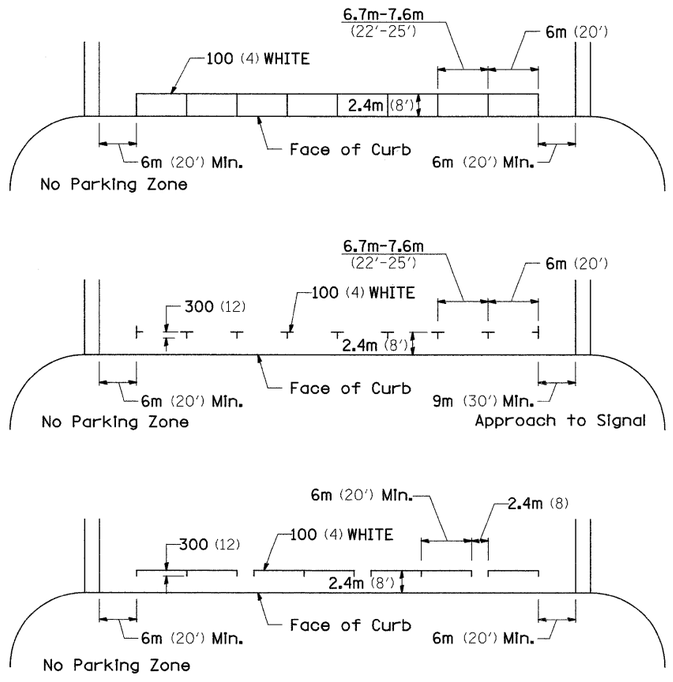


** ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

TYPICAL ISLAND OFFSET SHOULDER WIDTH

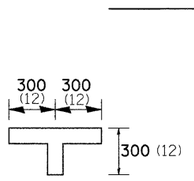


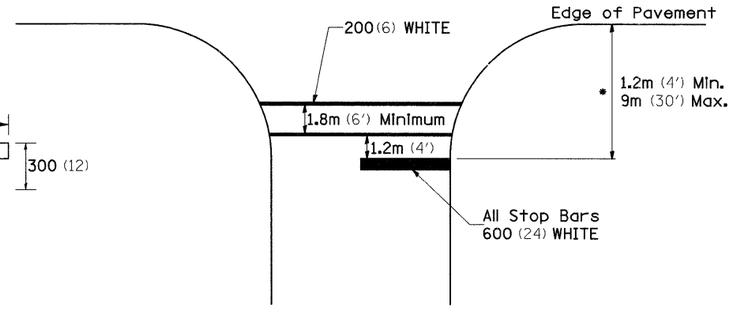
TYPICAL PARKING SPACING



STANDARD CROSSWALK MARKING

See Schedules for Locations





* Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

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		DRAWN -	REVISED -
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	PLOT DATE = Wed Oct 08 14:07:43 2008	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

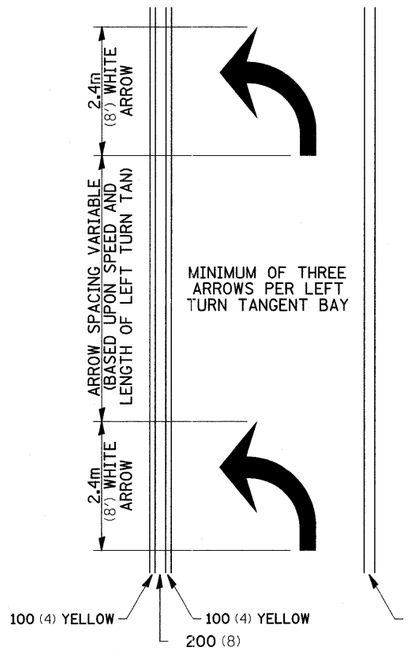
REGION 2 / DISTRICT 2 STANDARD

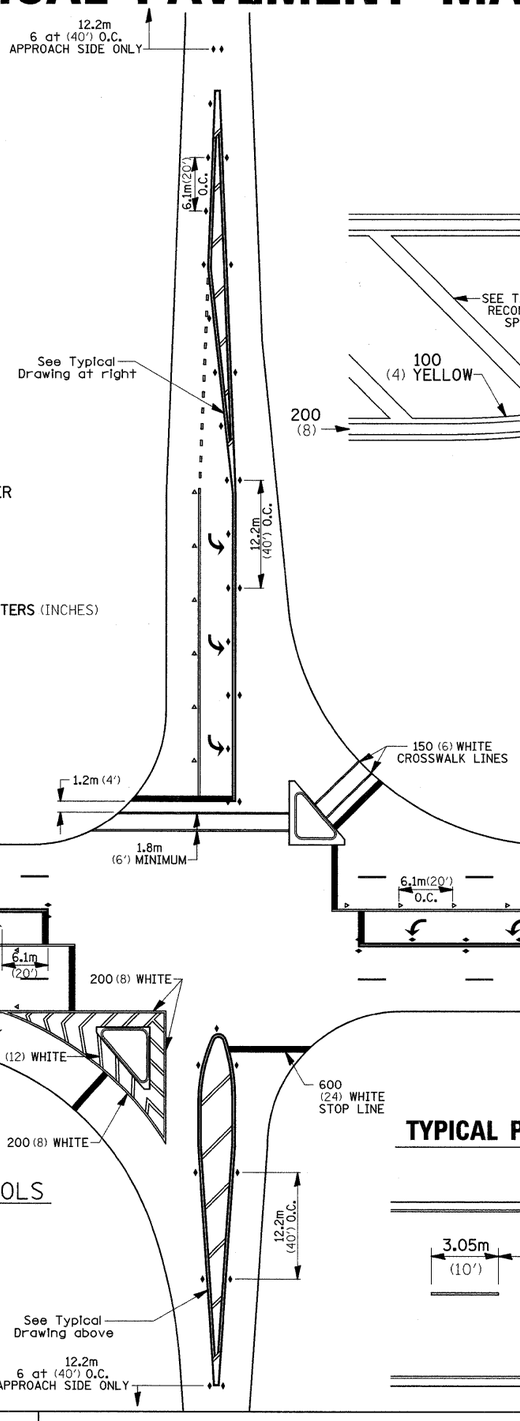
SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	24T-5	JODAVIESS	43	31
		CONTRACT NO. 64C69		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TYPICAL PAVEMENT MARKINGS

ARROW LAYOUT



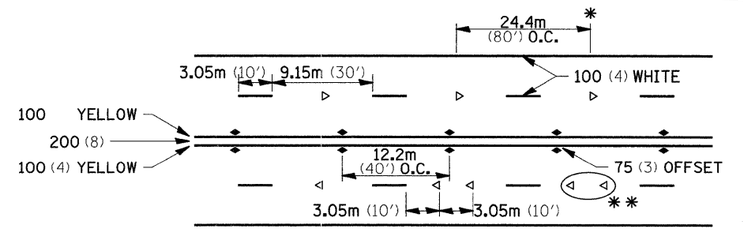


◀ ONE-WAY AMBER MARKER

◁ ONE-WAY CRYSTAL MARKER

◆ TWO-WAY AMBER MARKER

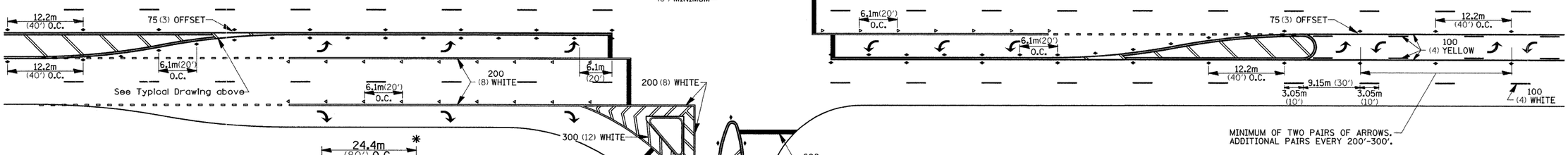
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.



* REDUCE TO 12.2m (40') O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 15Km/H (10MPH) LOWER THAN POSTED SPEEDS.

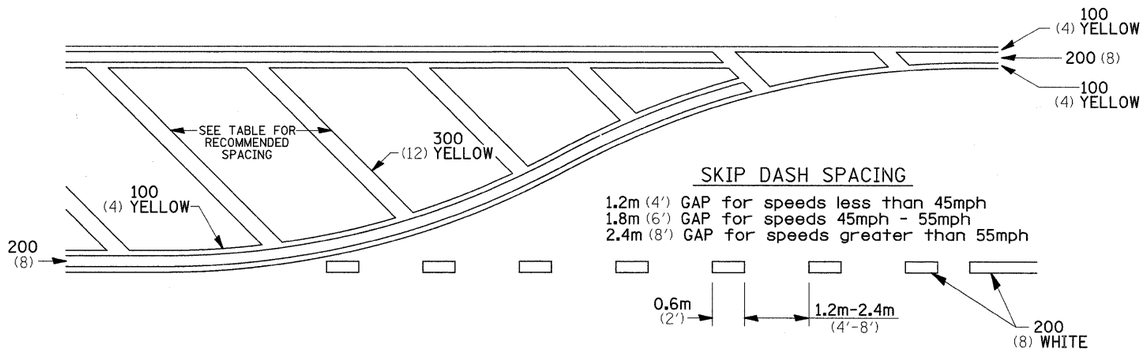
** USE DOUBLE MARKERS WHEN ADT ≥ 25,000

MULTI-LANE / UNDIVIDED



SYMBOLS

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN

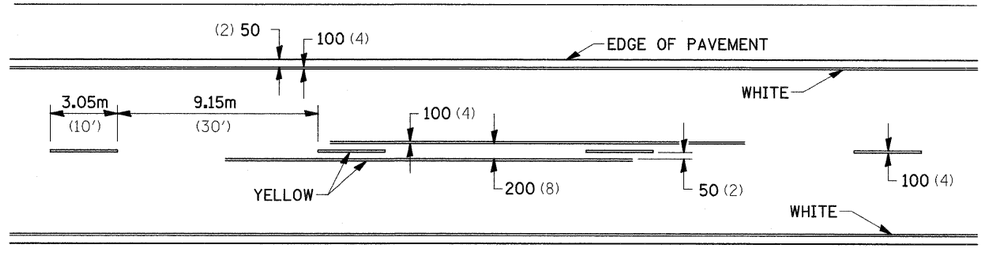


RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

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



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	24T-5	JODAVIESS	43	32
		CONTRACT NO. 64C69		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

935
930
925

PR ROW
EX. ROW
929.53
1:4.5
4.00%
927.30
4.00%
927.26
926.79
925.00
C=55.20
F=0.00
EX. ROW
PR ROW

2122 + 50.0000

930
925

PR ROW
EX. ROW
FIELD ENTRANCE
20' V.C.
927.09
4.00%
EX. ROW

2122 + 18.8128

930
925

PR ROW
EX. ROW
EARTHWORK BEGINS
STA 2122+00
C=0.00 F=0.00
EX. ROW

2122 + 00.0000

925
920

PR ROW
EX. ROW
1:4.862
921.73
EX. ROW

2121 + 50.0000

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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

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

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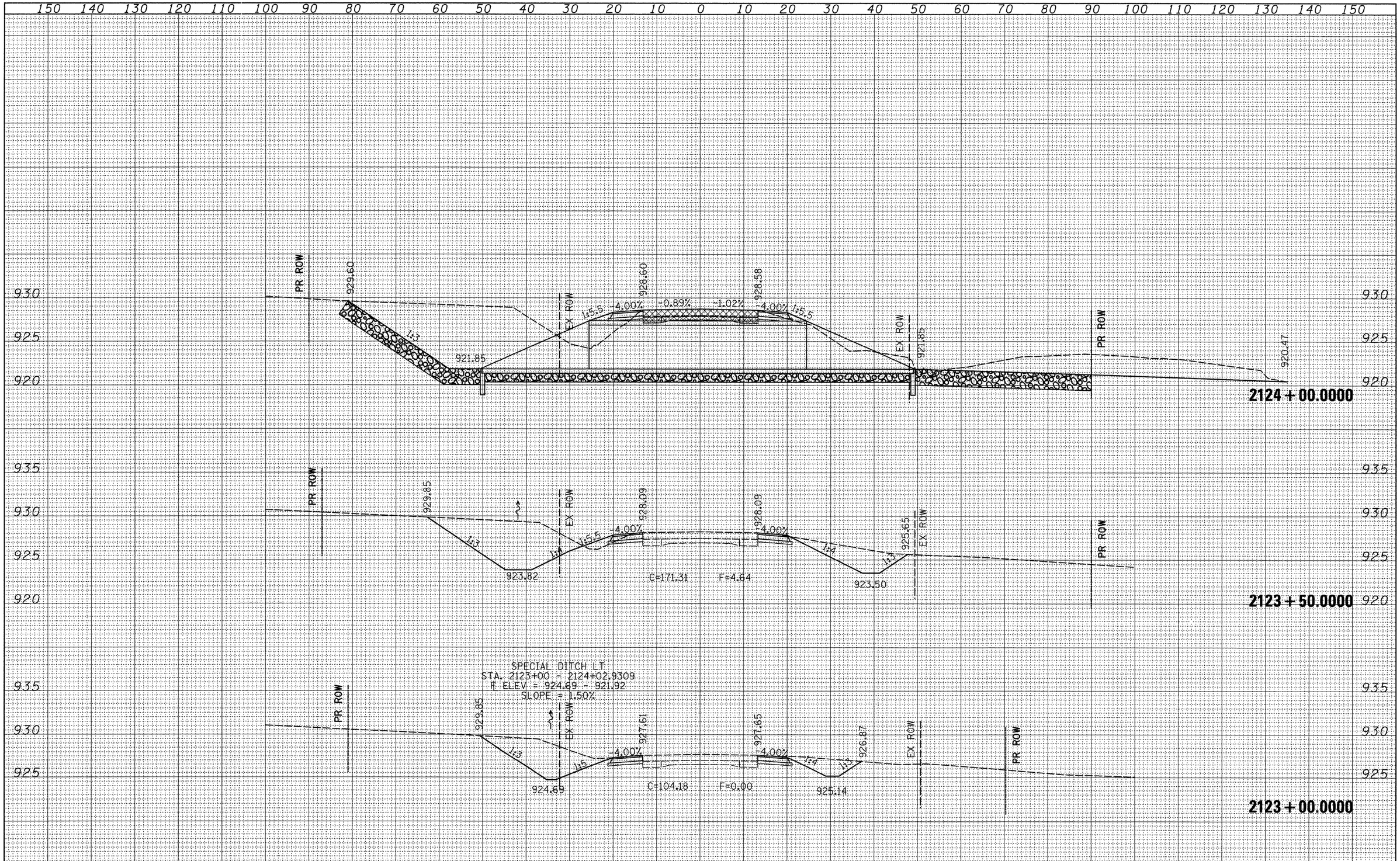
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 20

SCALE: | SHEET NO. OF SHEETS | STA. 2121+50.0000 TO STA. 2122+50.0000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	24T-5	JODAVIESS	43	33
		CONTRACT NO. 64C69		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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

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

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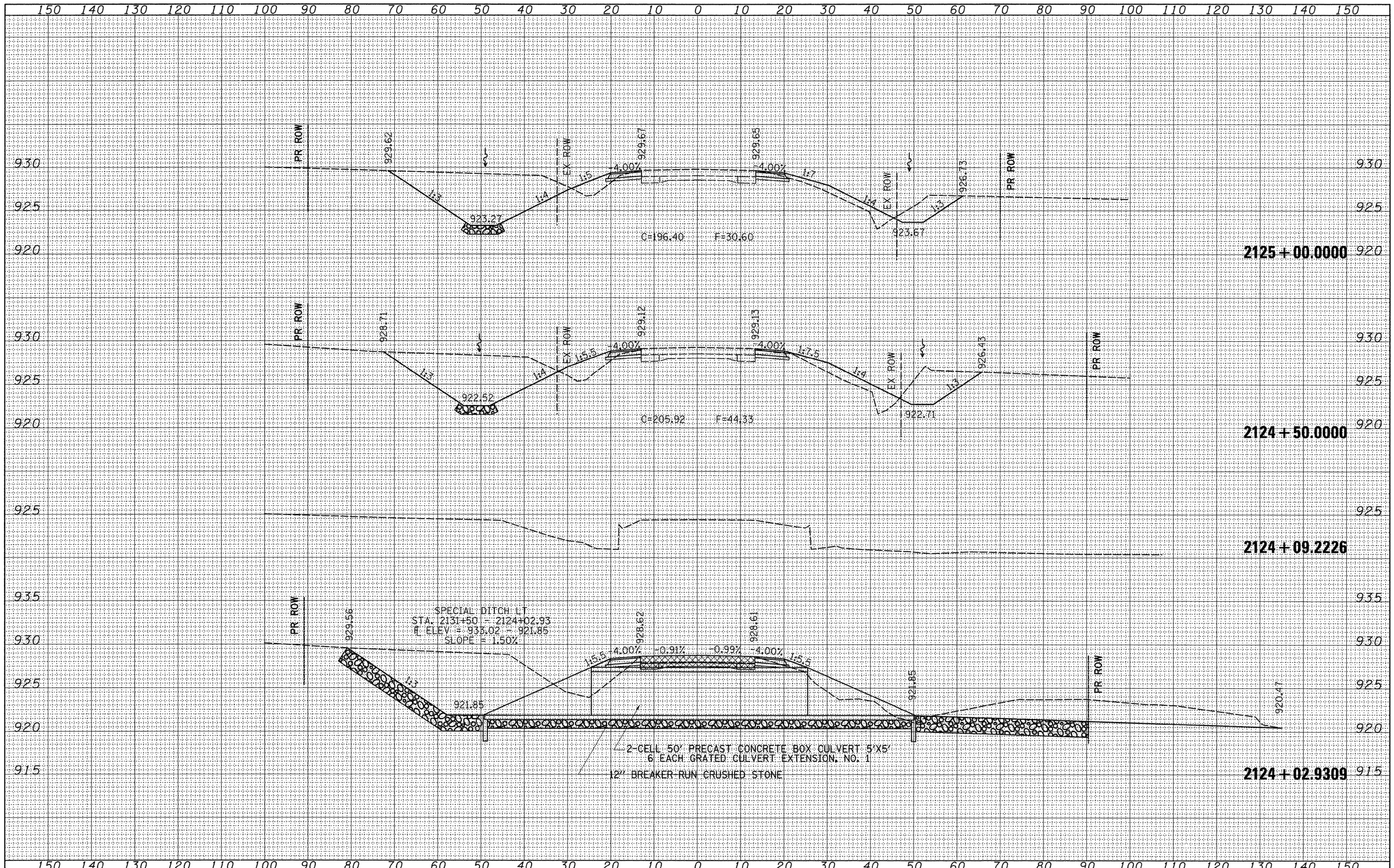
	PLOT DATE = Wed Oct 08 13:51:46 2008	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 20

SCALE: | SHEET NO. OF SHEETS | STA. 2123+00.0000TO STA. 2124+00.0000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	24T-5	JODAVIESS	43	34
		CONTRACT NO. 64C69		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY — NOTE BOOK — NO.
SURVEYED — PLOTTED — TYPED/LITE — AREAS — AREAS CHECKED
BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO.
SURVEYED — PLOTTED — TYPED/LITE — AREAS — AREAS CHECKED
BY — DATE

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	PLOT DATE = Wed Oct 08 13:51:47 2008	DATE -	REVISED -

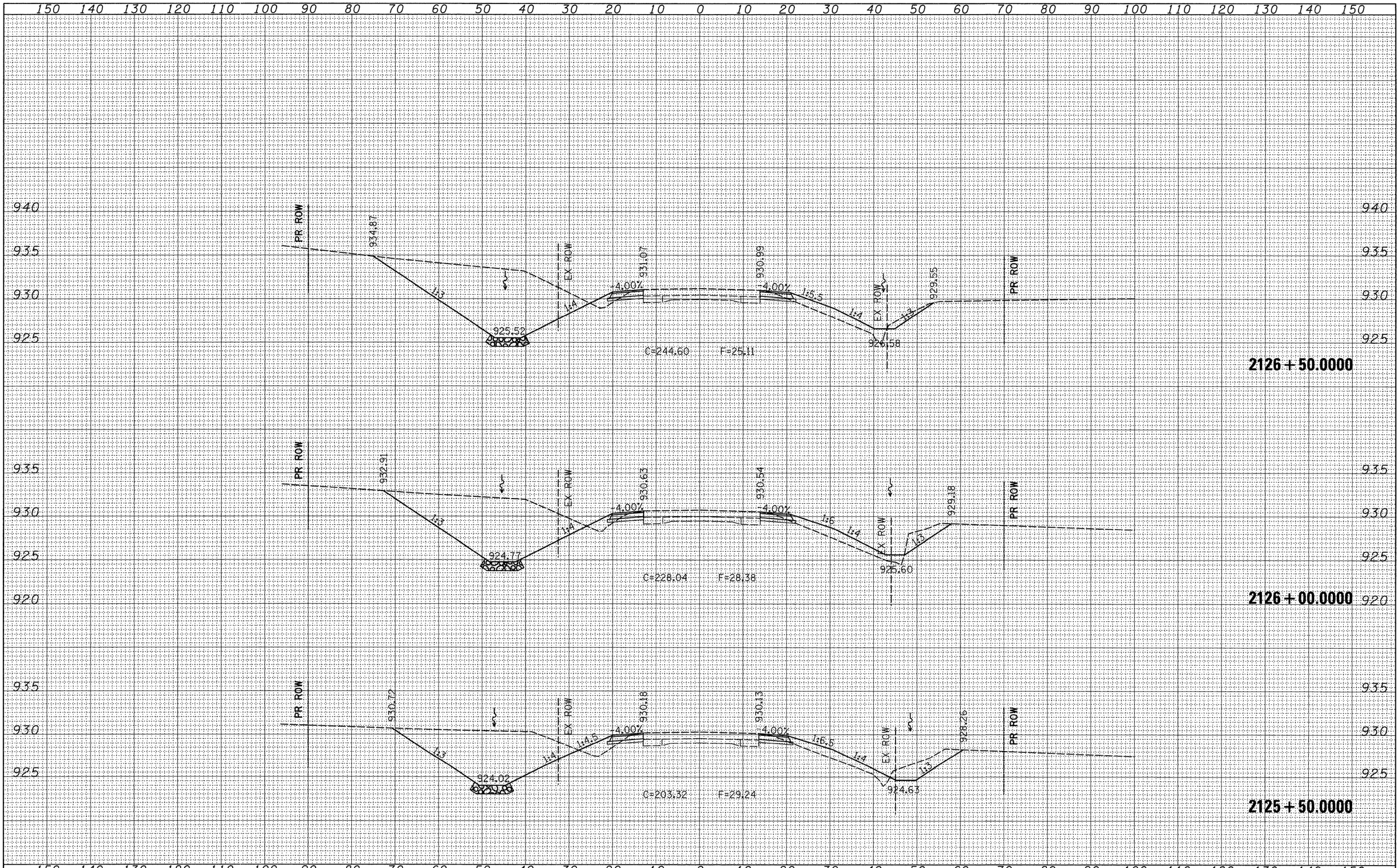
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 20

SCALE: | SHEET NO. OF SHEETS | STA. 2124+02.9309TO STA. 2125+00.0000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	24T-5	JODAVIESS	43	35
		CONTRACT NO. 64C69		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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



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

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	PLOT DATE = Wed Oct 08 13:51:48 2008	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 20

SCALE: | SHEET NO. OF SHEETS | STA. 2125+50.0000TO STA. 2126+50.0000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	24T-5	JODAVIESS	43	36
		CONTRACT NO. 64C69		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

945 940 935 930 925

PR ROW — 939.41 — 1:3 — EX. ROW — 1:4 — 927.77 — 4.00% — 932.73 — 4.00% — 932.71 — 1:4 — EX. ROW — 1:3 — 929.43 — 932.46 — PR ROW

C=291.27 F=13.66

2128 + 00.0000

PR ROW — 938.70 — 1:3 — EX. ROW — 1:4 — 927.02 — 4.00% — 932.03 — 4.00% — 932.05 — 1:4 — 1:4 — EX. ROW — 1:3 — 929.50 — 931.33 — PR ROW

C=295.57 F=24.48

2127 + 50.0000

PR ROW — 936.93 — 1:3 — EX. ROW — 1:4 — 926.27 — 4.00% — 931.53 — 4.00% — 931.49 — 1:5 — 1:4 — EX. ROW — 1:3 — 927.36 — 930.27 — PR ROW

C=264.08 F=30.43

2127 + 00.0000

FILE NAME = c:\pw_work\pwidot\dossdd\dms34517\s11806xm.dgn	USER NAME = dossdd	DESIGNED -	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**US 20**
		DRAWN -	REVISED -		
	PLOT SCALE = 10.0000 ' / IN.	CHECKED -	REVISED -		SCALE: / SHEET NO. OF SHEETS / STA. 2127+00.0000 TO STA. 2128+00.0000
	PLOT DATE = Wed Oct 08 13:51:49 2008	DATE -	REVISED -		

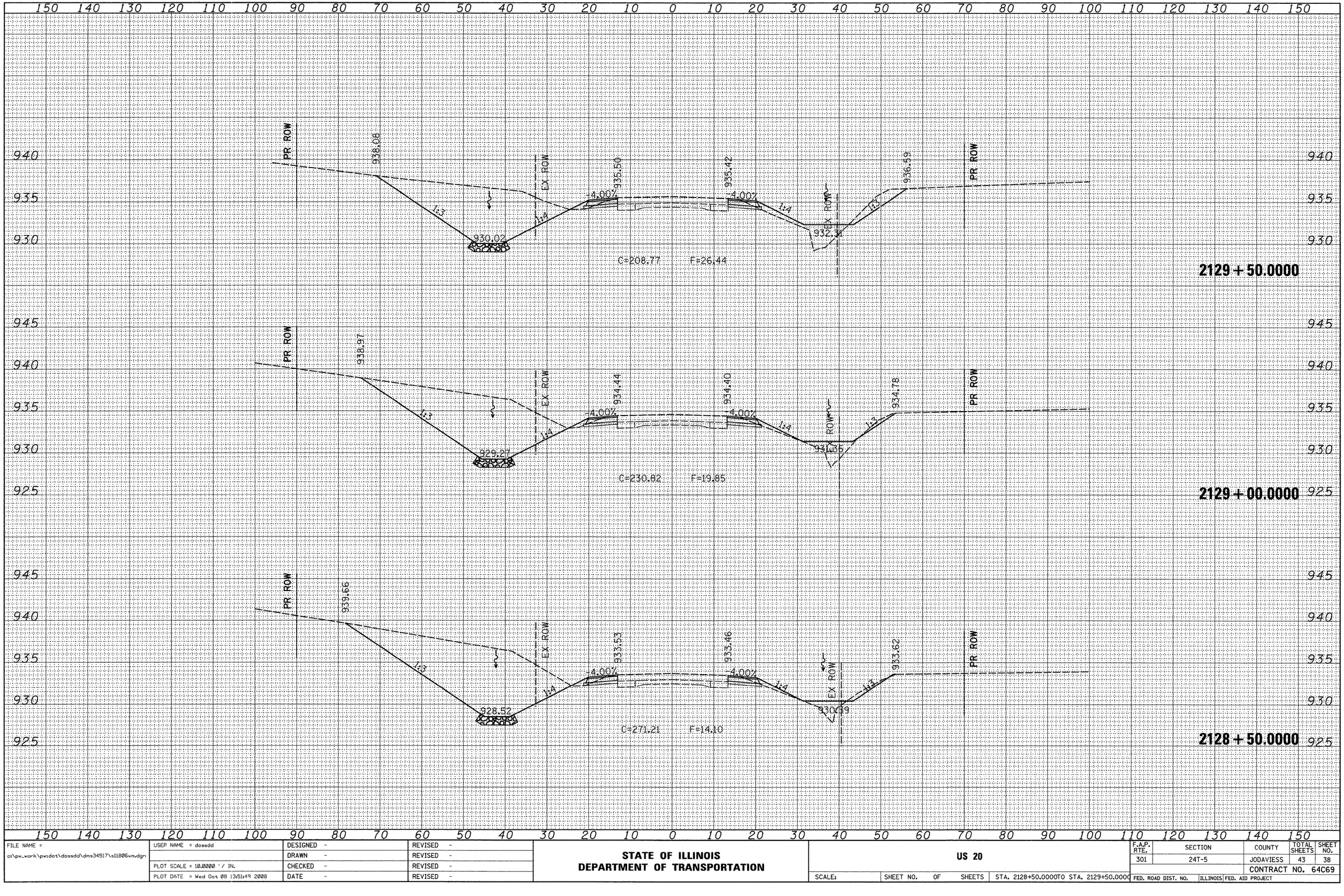
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	24T-5	JODAVIESS	43	37
		CONTRACT NO. 64C69		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

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

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

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



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	PLOT DATE = Wed Oct 08 13:51:49 2008	DATE -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. 2128+50.0000TO STA. 2129+50.0000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	24T-5	JODAVIESS	43	38
		CONTRACT NO. 64C69		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

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

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

940
935

PR ROW
116.035
931.85
1:3
1:4
EX ROW
939.80
-2.01%
2.32%
-3.81%
936.67
-2.01%
1:7.968
EX ROW
46.035
PR ROW

2130 + 85.5964

945
940
935

PR ROW
938.08
1:3
1:4
EX ROW
931.52
938.18
4.00%
938.02
4.00%
1:4
EX ROW
1:3
942.06
PR ROW

C=281.92 F=58.92

2130 + 50.0000

940
935
930

PR ROW
937.77
1:3
1:4
EX ROW
930.77
936.72
4.00%
936.57
4.00%
1:4
EX ROW
933.27
1:3
938.95
PR ROW

C=217.40 F=37.16

2130 + 00.0000

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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	PLOT DATE = Wed Oct 08 13:51:50 2008	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 20

SCALE: | SHEET NO. OF SHEETS | STA. 2130+00.0000 TO STA. 2130+85.5964

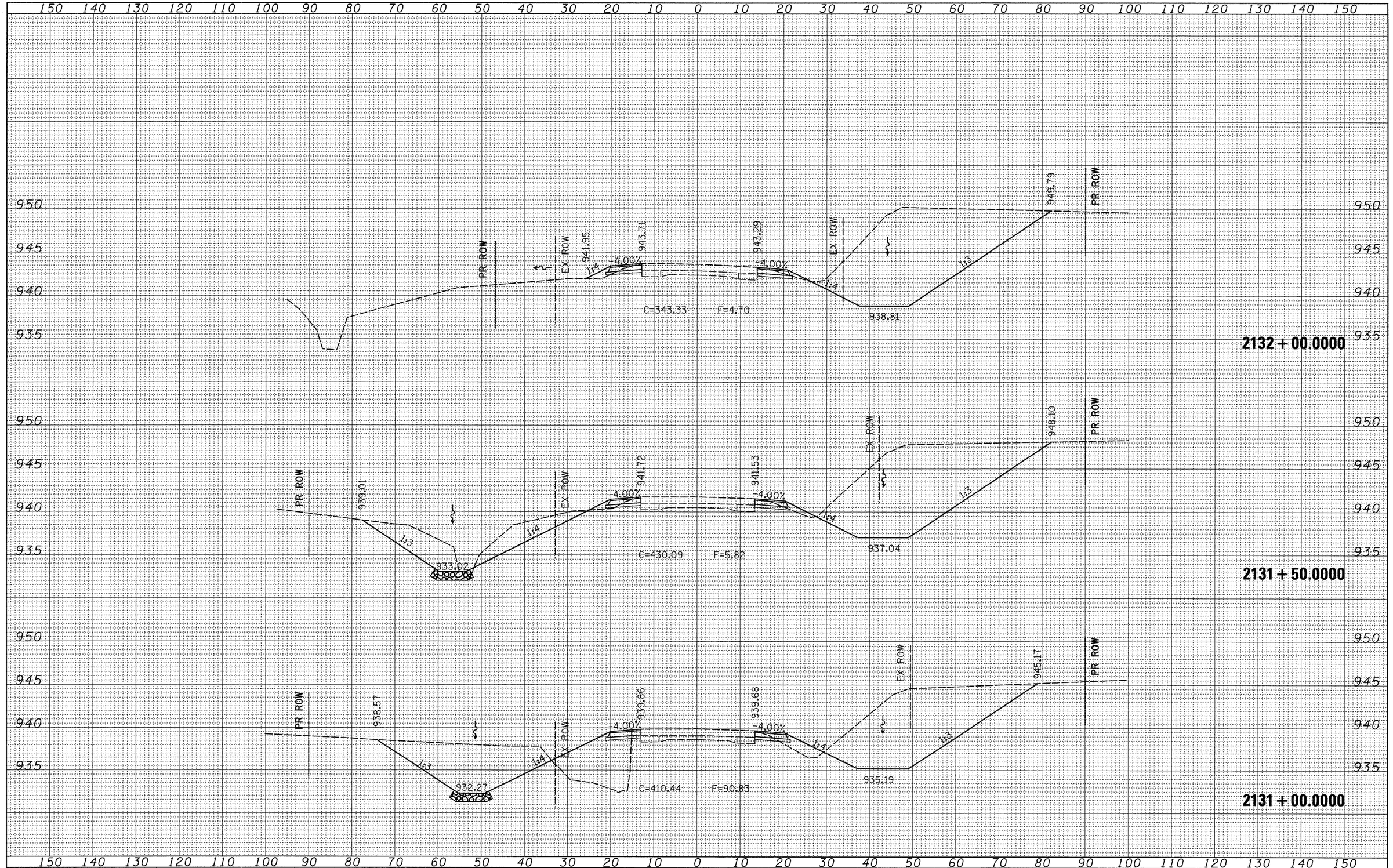
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	24T-5	JODAVIESS	43	39
		CONTRACT NO. 64C69		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TYPED/CK'E		
AREAS		
AREAS CHECKED		

BY	DATE

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TYPED/CK'E		
AREAS		
AREAS CHECKED		

BY	DATE



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	PLOT DATE = Wed Oct 08 13:51:50 2008	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 20

SCALE: | SHEET NO. OF SHEETS | STA. 2131+00.0000 TO STA. 2132+00.0000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	24T-5	JODAVIESS	43	40
		CONTRACT NO. 64C69		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

955 950 945 940

PR ROW
EX ROW
947.84
1:4
4.00%
950.07
949.13
4.00%
EX ROW
1:4
951.79
1:3
PR ROW
C=200.81
F=4.41
944.74

2133 + 50.0000

955 950 945 940

PR ROW
EX ROW
946.48
1:4
4.00%
947.91
947.14
4.00%
EX ROW
1:4
951.76
1:3
PR ROW
C=290.26
F=2.98
942.66

2133 + 00.0000

955 950 945 940

PR ROW
EX ROW
943.96
1:4
4.00%
945.75
945.05
4.00%
EX ROW
1:4
951.22
1:3
PR ROW
C=345.69
F=3.85
940.58

2132 + 50.0000

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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

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

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 20

SCALE: | SHEET NO. OF SHEETS | STA. 2132+50.0000 TO STA. 2133+50.0000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	24T-5	JODAVIESS	43	41
		CONTRACT NO. 64C69		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

BY	DATE

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

BY	DATE

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

955
950
945

EX. ROW

EX. ROW

EARTHWORK ENDS
STA 2134+75
C=0.00 F=0.00

2135 + 00.0000

VAR.

VAR.

C=0.00 F=35.00

EXISTING 3'X3' PCC BOX CULVERT
10' PIPE CULVERTS, CLASS D, TYPE 1 30"
1 EACH METAL END SECTIONS 30"
CONCRETE COLLAR

2134 + 60.8453

950
945

2134 + 50.0000

955
950
945

948.30

1:4

4.00%

952.38

EX ROW

1:4

951.98

1:3

PR ROW

C=181.51 F=7.73

946.20

2134 + 00.0000

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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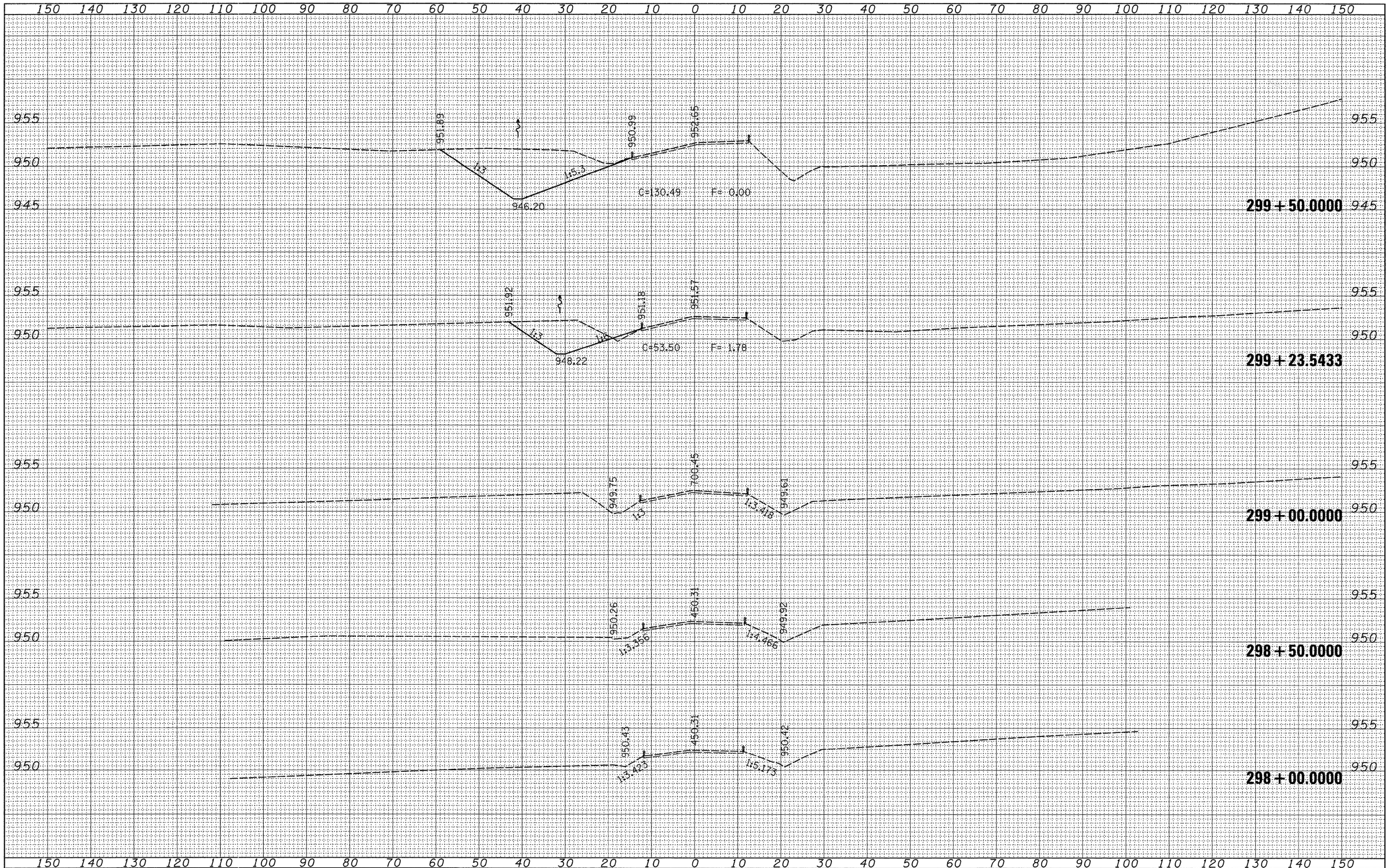
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 20

SCALE: | SHEET NO. OF SHEETS | STA. 2134+00.0000 TO STA. 2135+00.0000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	24T-5	JODAVIESS	43	42
		CONTRACT NO. 64C69		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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

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

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	PLOT DATE = Wed Oct 08 14:00:17 2008	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOUTH GOLF ROAD

SCALE: | SHEET NO. OF SHEETS | STA. 298+00.0000 TO STA. 299+50.0000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	24T-5	JODAVIESS	43	43
		CONTRACT NO. 64C69		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		