1-19-07 Letting, Item 009

PROJECT ENGINEER: BOB WAGNER

SQUAD TECHNICIAN: LANCE NICKLAUS (815) 284-5920

KUDRNA CONTACT FOR CROSSOVERS ONLY

STEVEN FESSENBECKER (603) 969-3060

CONTRACT NO. 64A21

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(2,3,4)RS	WINNEBAGO	46	1

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

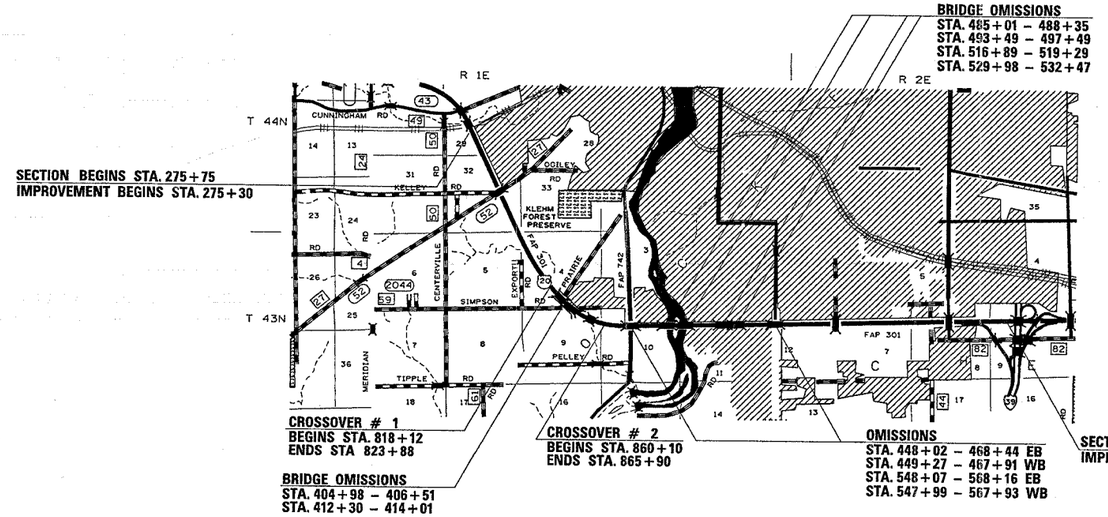
PROPOSED
HIGHWAY PLANS

F.A.P. ROUTE 301 (US 20)
SECTION (2,3,4)RS
PROJECT NHF-0301(039)
WINNEBAGO COUNTY
C-92-111-04

D-92-071-04

LOCATION OF SECTION INDICATED THUS:- ▬

N



BRIDGE OMISSIONS
STA. 485+01 – 488+35
STA. 493+49 – 497+49
STA. 516+89 – 519+29
STA. 529+98 – 532+47

SECTION BEGINS STA. 275+75
IMPROVEMENT BEGINS STA. 275+30

CROSSOVER # 1
BEGINS STA. 818+12
ENDS STA 823+88

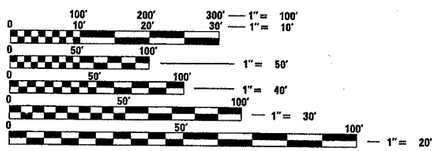
BRIDGE OMISSIONS
STA. 404+98 – 406+51
STA. 412+30 – 414+01

CROSSOVER # 2
BEGINS STA. 860+10
ENDS STA. 865+90

OMISSIONS
STA. 448+02 – 468+44 EB
STA. 449+27 – 467+91 WB
STA. 548+07 – 568+16 EB
STA. 547+99 – 567+93 WB

SECTION ENDS STA. 706+66
IMPROVEMENT ENDS STA. 707+11

TOWNSHIP (SECTION): NW ROCKFORD (29,32,33)
SW ROCKFORD (4,5,9,10,11,12)
CHERRY VALLEY (7,8,9)



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

GROSS LENGTH OF PROJECT – 43181' = 8.18 MILES
NET LENGTH OF PROJECT EB – 37583 = 7.12 MILES
NET LENGTH OF PROJECT WB – 37776 = 7.15 MILES

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

ADT = 33100
PV = 28400
MU = 3400
SU = 1300

Steven Fessenbecker
STEVEN P. FESSENBECKER , P.E.
LIC. NO. 062-051254
EXPIRES 11 /30 /2007
(SEAL FOR CROSSOVERS ONLY)

KUDRNA & ASSOCIATES, LTD.
www.kudrna.com
400 South Green Street - Suite 304
Chicago, Illinois 60607
Phone (312)738-1522
Fax (312)738-9792
203 North Cass Avenue
Westmont, Illinois 60559
Phone (630)969-3060
Fax (630)969-3122

Kudrna & Associates, LTD.
Illinois Professional Design Firm
License No. 184-000920
Expires 4 /30 /2007

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED October 17, 2006
Joseph E. Crowe
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
December 8, 2006
Eric E. Hamm
INTERIM ENGINEER OF DESIGN AND ENVIRONMENT
December 8, 2006
Milton R. Sees, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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CONTRACT NO. 64A21

F.A.P. 301 (US 20) SECTION (2,3,4) RS WINNEBAGO COUNTY

CONTRACT NO. 64A2[illegible]

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(2,3,4)RS	WINNEBAGO	46	2

STA. __________ TO STA. __________

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

INDEX

STATE STANDARDS

000001-04	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-03	TEMPORARY EROSION CONTROL SYSTEMS
420001-06	PAVEMENT JOINTS
420701-01	PAVEMENT FABRIC
442101-06	CLASS B PATCHES
642001	SHOULDER RUMBLE STRIPS
667101	PERMANENT SURVEY MARKERS
701101-01	OFF-ROAD OPERATIONS MULTILANE LESS THAN 15' AWAY FOR SPEEDS ≥ 45 MPH
701400-02	APPROACH TO LANE CLOSURE, FREEWAY / EXPRESSWAY
701401-03	LANE CLOSURE, FREEWAY / EXPRESSWAY
701406-04	LANE CLOSURE, FREEWAY / EXPRESSWAY, DAY OPERATIONS ONLY
701411-03	LANE CLOSURE, MULTILANE AT ENTRANCE OR EXIT RAMP FOR SPEEDS ≥ 45 MPH
701426-02	LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATIONS FOR SPEEDS ≥ 45 MPH
702001-06	TRAFFIC CONTROL DEVICES
720011	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
780001-01	TYPICAL PAVEMENT MARKINGS
781001-02	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
728001	TELESCOPING STEEL SIGN SUPPORT
729001	APPLICATIONS OF TYPES A AND B METAL POST (FOR SIGNS AND MARKERS)

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. HORIZ.

DATE

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CONTRACT NO. 64A2?

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(2,3,4)RS	WINNEBAGO	46	3
STA. __________	TO STA.__________			
		FED. AID PROJECT		

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	80% FED 20% STATE 1000 TOTAL QUANTITY
20200100	EARTH EXCAVATION	CU YD	1253
20400800	FURNISHED EXCAVATION	CU YD	679
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	359
25000210	SEEDING, CLASS 2A	ACRE	0.45
25100115	MULCH, METHOD 2	ACRE	0.45
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	360
28000300	TEMPORARY DITCH CHECKS	EACH	6
28000500	INLET AND PIPE PROTECTION	EACH	2
31100910	SUBBASE GRANULAR MATERIAL, TYPE A, 12"	SQ YD	2845
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	149
40600300	AGGREGATE PRIME	TON	335
40600545	LEVELING BINDER (HAND METHOD), N90	TON	164
40600845	POLYMERIZED LEVELING BINDER (MACHINE METHOD), N90	TON	12257
40600895	CONSTRUCTING TEST STRIP	EACH	1
40600982	HOT - MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	4779
40600990	TEMPORARY RAMP	SQ YD	792
40601005	HOT - MIX ASPHALT REPLACEMENT OVER PATCHES	TON	606
40603310	HOT - MIX ASPHALT SURFACE COURSE, MIX "C" N50	TON	15558
40603570	POLYMERIZED HOT - MIX ASPHALT SURFACE COURSE MIX "E" N90	TON	18687
40800050	INCIDENTAL HOT - MIX ASPHALT SURFACING	TON	58

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	80% FED 20% STATE 1000 TOTAL QUANTITY
42000501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	2649
42001300	PROTECTIVE COAT	SQ YD	2649
44000100	PAVEMENT REMOVAL	SQ YD	152
44000158	HOT - MIX ASPHALT SURFACE REMOVAL - 2 1/4"	SQ YD	30308
44002214	HOT - MIX ASPHALT REMOVAL OVER PATCHES - 3 1/2 INCH	SQ YD	3089
44004250	PAVED SHOULDER REMOVAL	SQ YD	1071
44200970	CLASS B PATCHES, TYPE II, 10 INCH	SQ YD	644
44200974	CLASS B PATCHES, TYPE III, 10 INCH	SQ YD	141
44200976	CLASS B PATCHES, TYPE IV, 10 INCH	SQ YD	187
44213100	PAVEMENT FABRIC	SQ YD	818
44213200	SAW CUTS	FOOT	9938
48101200	AGGREGATE SHOULDERS, TYPE B	TON	7589
50105220	PIPE CULVERT REMOVAL	FOOT	80
542D0217	PIPE CULVERT, CLASS D, TYPE 1 , 12"	FOOT	104
542D0223	PIPE CULVERT, CLASS D, TYPE 1, 18"	FOOT	544
64200105	SHOULDER RUMBLE STRIP	FOOT	150718
66700305	PERMANENT SURVEY MARKERS, TYPE II	EACH	4
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	5
67100100	MOBILIZATION	L SUM	1
70100205	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	EACH	2

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CONTRACT NO. 64A21

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(2,3,4)RS	WINNEBAGO	46	4
STA. ________	TO STA. ________			
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	80% FED 20% STATE 1000 TOTAL QUANTITY
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	25
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	20
70300100	SHORT TERM PAVEMENT MARKING	FOOT	32,842
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	4299
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8 INCH	FOOT	12680
* 78000620	THERMOPLASTIC PAVEMENT MARKING - LINE 18 INCH	FOOT	72
* 78003130	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"	FOOT	19730
* 78008310	POLYUREA PAVEMENT MARKING, TYPE 2 - LINE 4 INCH	FOOT	159082
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	2226

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	80% FED 20% STATE 1000 TOTAL QUANTITY
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	907
X0322288	MEDIAN CLOSURE	EACH	2
X0322392	BEVELED PIPE AND GUARD	EACH	2
X0322729	MATERIAL TRANSFER DEVICE	TON	30944
Z0013798	CONSTRUCTION LAYOUT	L SUM	1
Z0017100	DOWEL BARS	EACH	3968
Z0028415	GEOTECHNICAL REINFORCEMENT	SQ YD	3817
Z0028700	GRANULAR SUBGRADE REPLACEMENT	CU YD	162
Z0065752	SLOTTED DRAIN, 12", WITH 6" SLOT	FOOT	276
Z0075300	TIE BARS	EACH	100

* Specialty Items

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

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GENERAL NOTES

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 301 (US 20)	(2,3,4)RS	Winnebago	46	5
FED ROAD DIST. NO.	ILLINOIS	PROJECT		
Contract #64A21				

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.

It is estimated that 679 cubic yards of earth will be hauled to the job from outside the project limits. A shrinkage factor of 25% has been used.

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 shall be applied to all disturbed areas and incorporated into the seedbed prior to seeding or placement of sod at the rate specified in Sections 250 and 252 of the Standard Specifications. This work shall be included in the cost of EARTH EXCAVATION.

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.

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

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.

Milling machines on this project shall be capable of removing a layer of bituminous a minimum 6' wide and 1-1/2 inches in depth in a single pass.

The following Mixture Requirements are applicable for this project:

Mixture Uses(s):	Surface	Level Binder	Binder – Patches	Surface – Shoulders
PG:	SBS PG 70-22	SBS PG 70-22	64-22	58-22
Design Air Voids	4.2 @ N90	4.2 @ N90	4.2 @ N90	3.0 @ N50
Mixture Composition (Gradation Mixture)	IL-9.5 or IL-12.5	IL-9.5	IL-19	IL-9.5 or IL-12.5
Friction Aggregate	"E"	N/A	N/A	"C"
20 Year ESAL	27.9	---	---	---

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

Install rumble strips in all shoulders in accordance with State Standard 642001. Rumble Strips shall be placed on shoulders on both sides of the pavement.

The cost of making sewer connections to existing drainage structures shall be included in the various contract unit prices for PIPE CULVERT.

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.

Two PERMANENT SURVEY MARKERS, TYPE II, shall be placed at each crossover location as directed by the Engineer. Estimated: 4 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.

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 301 (US 20)	(2,3,4)RS	Winnebago	46	6
FED ROAD DIST. NO.	ILLINOIS	PROJECT		
Contract #64A21				

GENERAL NOTES

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:

AT&T Communications
Commonwealth Edison Co.
SBC/Ameritech Telephone Co.
Rock River Water Reclamation Dist.
Norlight Telecommunications
West Shore Pipeline Co.
Verizon
NICOR Gas Co.
Insight Communications of Rockford
Aldridge Electric

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

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

Mr. John Martin
Rockford Water Department
425 E. State Street
Rockford, IL 61104
Ph. 815/961-3764

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.

The Contractor shall layout stations for the project using the stationing on the plans. Also, separate stationing shall be required for the stamping of stationing in the pavement based on new stationing. The horizontal control for new stationing for the pavement stamping shall be laid out according to horizontal and vertical control sheets. The layout of the stationing can be done with a wheel or tape and shall be adjusted according to the stations at existing culverts or side roads and streets. The cost of layout stationing shall be included in the cost of Construction Layout.

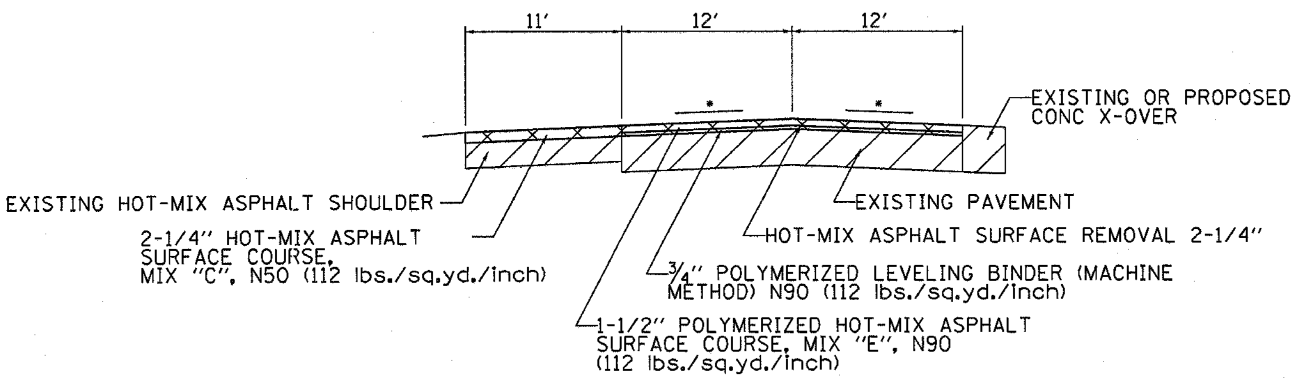
All ramps scheduled for resurfacing are for the gore areas except the northwest and southwest ramps at Alpine Road, which length is for the ramp to the existing concrete pavement.

CONTRACT NO. 64A21

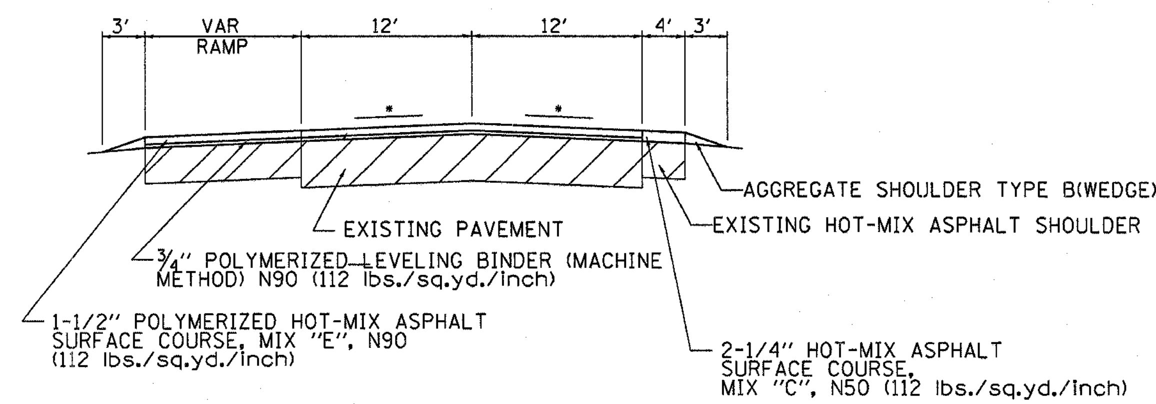
F.A.P. R^E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(2,3,4)RS	WINNEBAGO	46	7
STA. __________	TO STA.__________			
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

TYPICAL SECTIONS

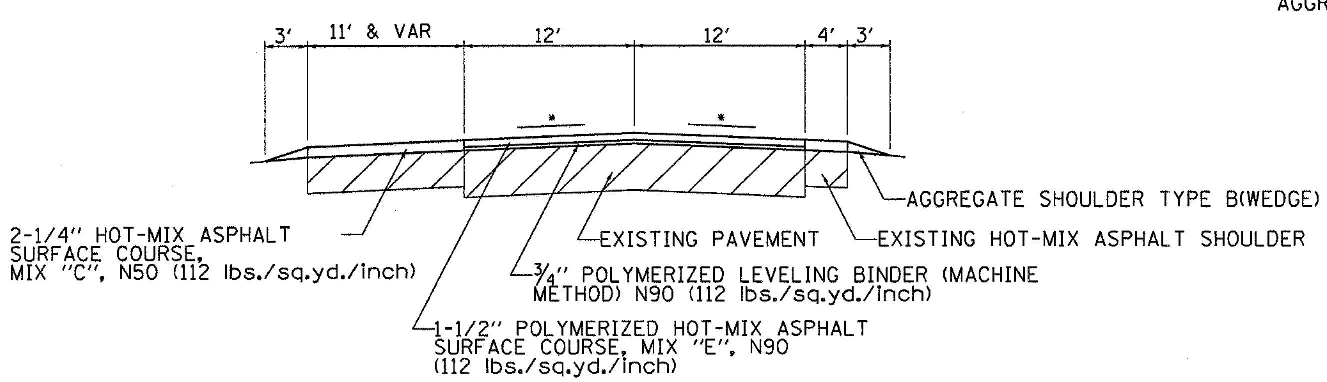
US20
WESTBOUND
STA.280+40 - STA.287+10
STA.504+85 - STA.510+95
STA.817+67 - STA.824+33
STA.859+65 - STA.866+35



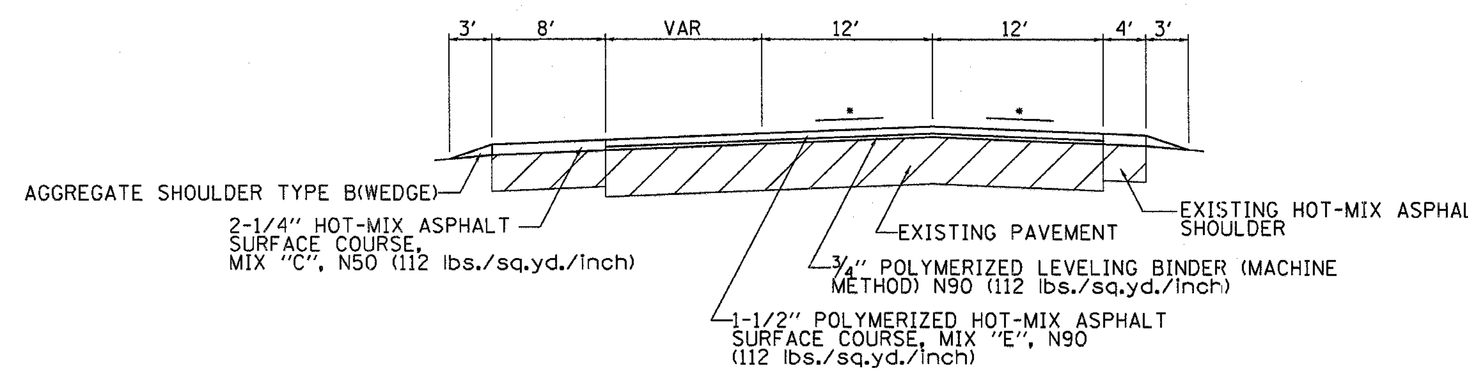
US20
WESTBOUND
STA.298+60 - STA.310+55
STA.329+21 - STA.336+65
STA.439+05 - STA.475+63
STA.546+50 - STA.575+65
STA.665+60 - STA.667+85
STA.685+15 - STA.692+20



US20
WESTBOUND
STA.275+75 - STA.280+40
STA.287+10 - STA.298+60
STA.310+55 - STA.329+21
STA.336+65 - STA.404+98
STA.414+01 - STA.439+05
STA.475+63 - STA.485+01
STA.497+49 - STA.504+85
STA.575+65 - STA.596+67
STA.599+20 - STA.655+60
STA.667+85 - STA.685+15
STA.692+20 - STA.706+66



US20
WESTBOUND
STA.535+80 - STA.546+50



* MATCH EXISTING SLOPE (MIN. 1/8"/FT CROSS SLOPE)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

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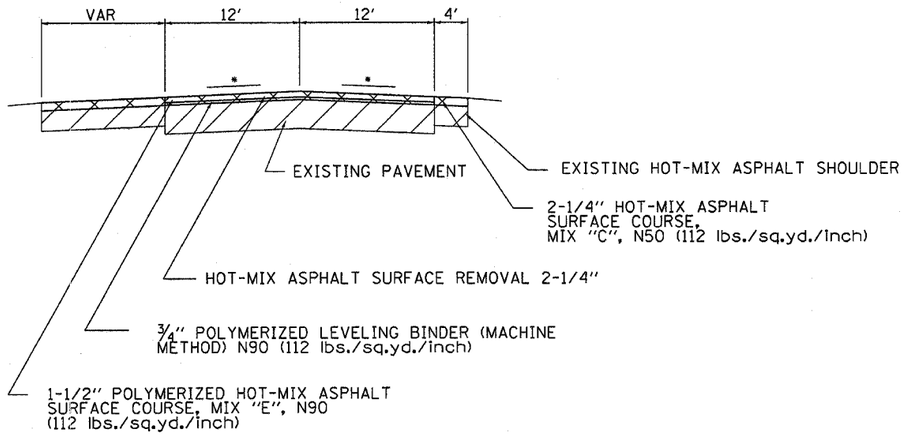
CONTRACT NO. 64A21

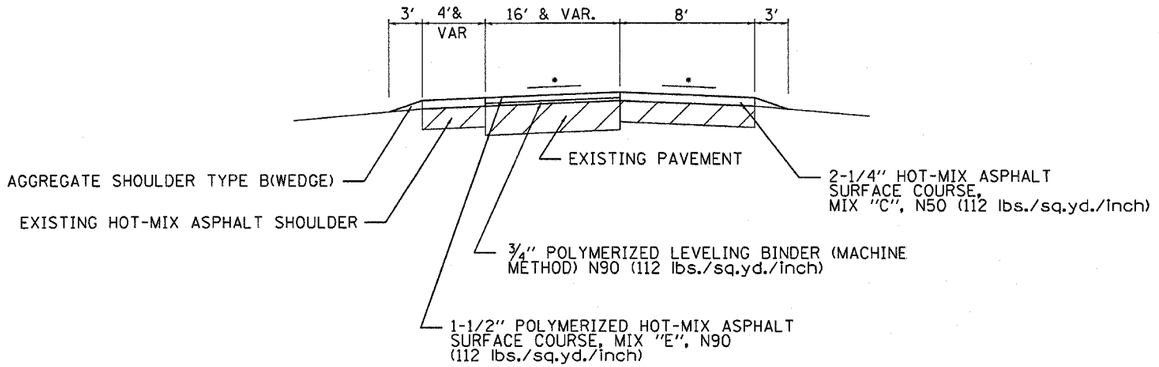
F.A.P. R'TE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(2,3,4)BS	WINNEBAGO	46	8
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

TYPICAL SECTIONS

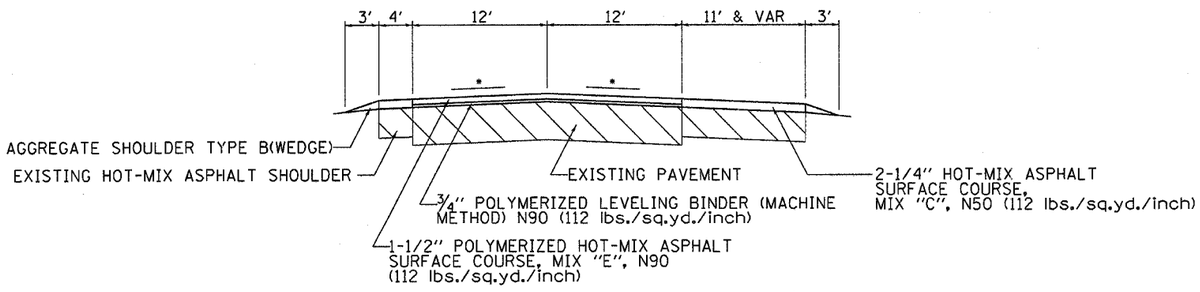
US20
WESTBOUND
STA.406+51 - STA.412+30
STA.488+35 - STA.493+49



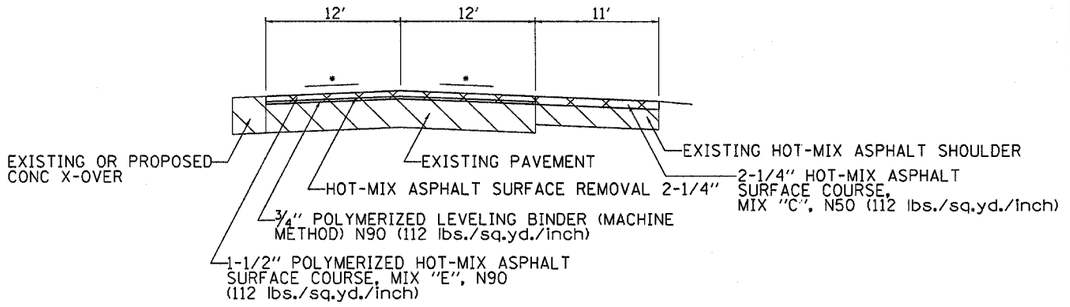
US20
RAMPS



US20
EASTBOUND
STA.275+75 - STA.280+40
STA.287+10 - STA.304+10
STA.310+45 - STA.329+20
STA.341+55 - STA.404+98
STA.414+01 - STA.440+30
STA.483+55 - STA.485+01
STA.497+49 - STA.504+85
STA.510+95 - STA.540+40
STA.593+25 - STA.659+55
STA.666+66 - STA.685+13



US20
EASTBOUND
STA.280+40 - STA.287+10
STA.504+85 - STA.510+95
STA.817+67 - STA.824+33
STA.859+65 - STA.866+35



* MATCH EXISTING SLOPE
(MIN. 1/8"/FT CROSS SLOPE)

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

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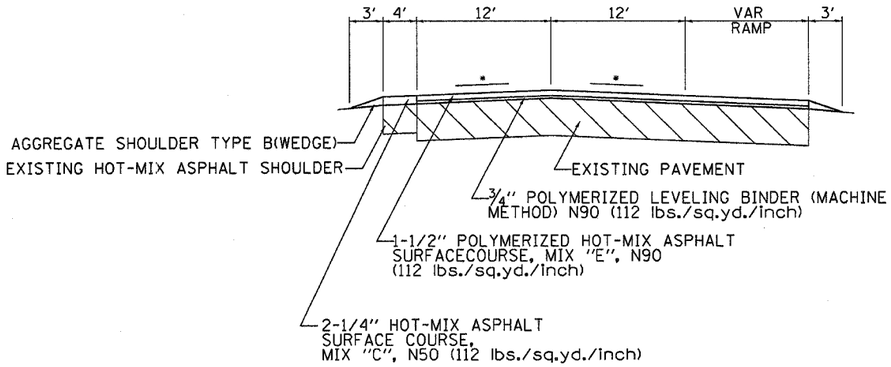
USER NAME = nicklewis

CONTRACT NO. 64A21

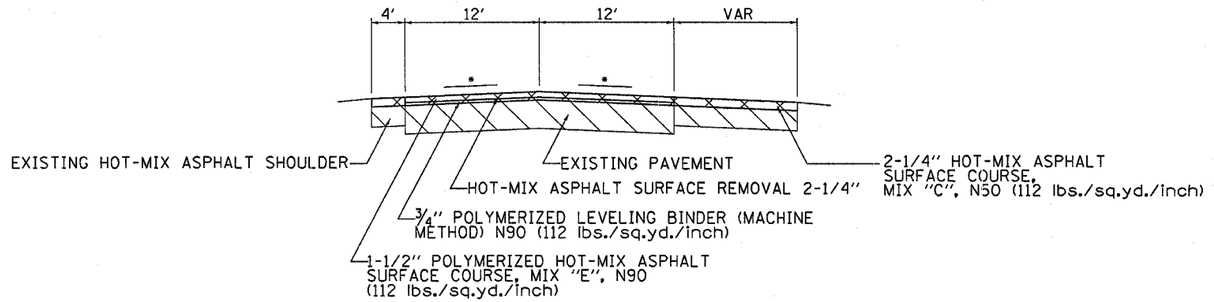
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(2,3,4)BS	WINNEBAGO	46	9
STA. _____	TO STA. _____			
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

TYPICAL SECTIONS

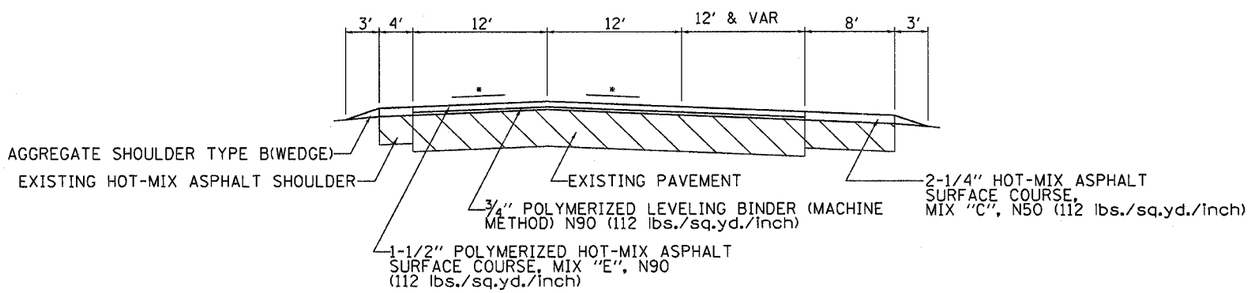
US20
EASTBOUND
STA.304+10 - STA.310+45
STA.329+20 - STA.341+55
STA.440+30 - STA.447+57
STA.468+89 - STA.483+55
STA.540+40 - STA.547+62
STA.568+61 - STA.483+55
STA.659+55 - STA.666+66
STA.685+13 - STA.688+06
STA.700+77 - STA.706+66



US20
EASTBOUND
STA.406+51 - STA.412+30
STA.488+35 - STA.493+49



US20
EASTBOUND
STA.571+00 - STA.593+25
STA.688+06 - STA.700+77



* MATCH EXISTING SLOPE
(MIN. 1/8"/FT CROSS SLOPE)

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

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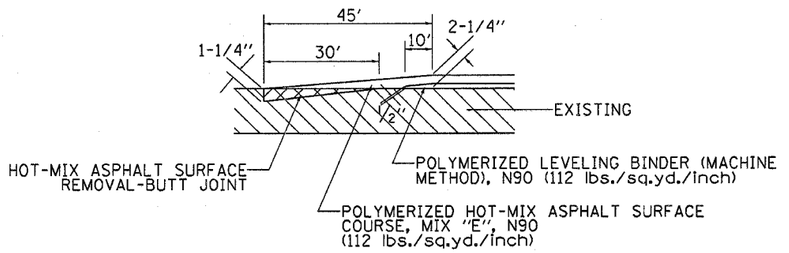
PLOT DATE = Mon Oct 16 13:26:49 2006
FILE NAME = P:\Excel\US20\cunningham\oi39\bypass20typicals.dgn
PLOT SCALE = 50.0000 ' / IN.
USER NAME = mstidsale

CONTRACT NO. 64A21

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(2,3,4)BS	WINNEBAGO	46	10
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

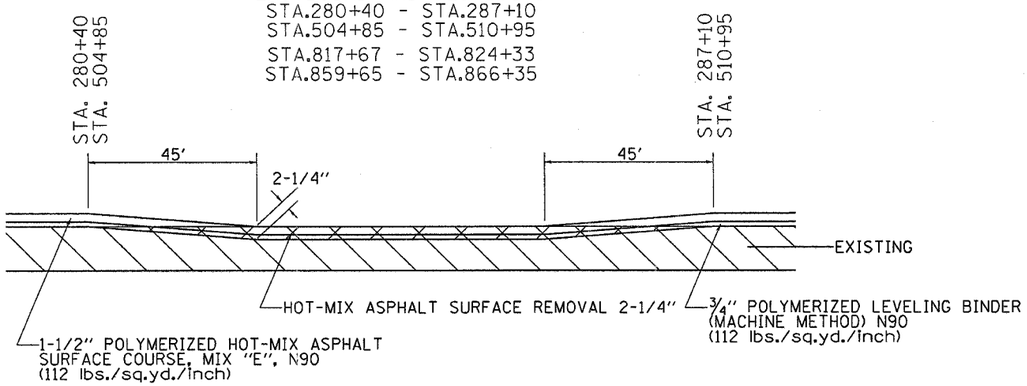
TYPICAL SECTIONS

US20
TYPICAL TAPER
BUTT JOINT



US20
TYPICAL TAPER

EASTBOUND AND WESTBOUND
STA.280+40 - STA.287+10
STA.504+85 - STA.510+95
STA.817+67 - STA.824+33
STA.859+65 - STA.866+35



REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

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HORIZ.
DATE

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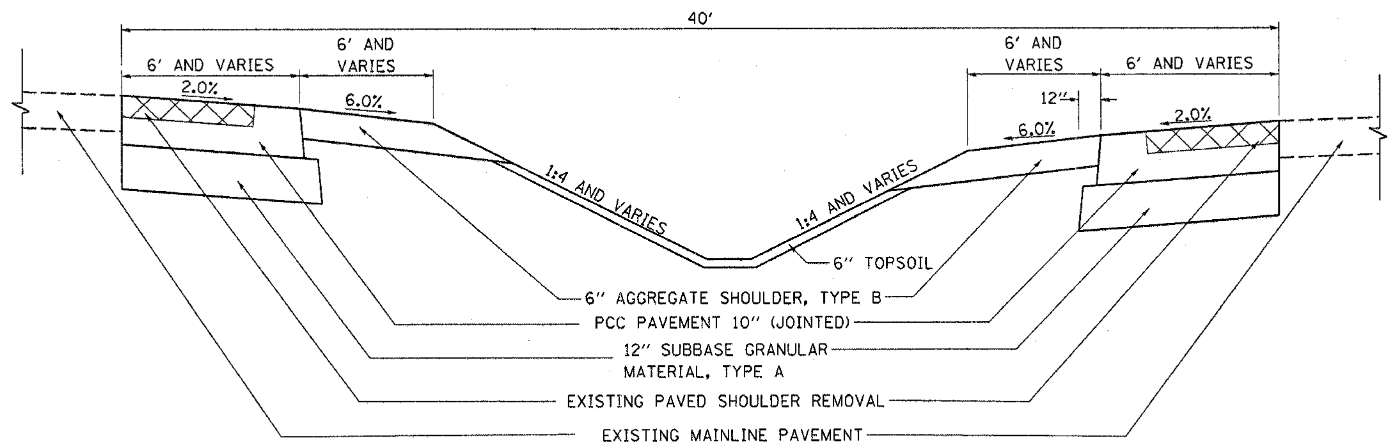
PLOT SCALE = 50.0000 '/ IN.
USER NAME = nicklewis

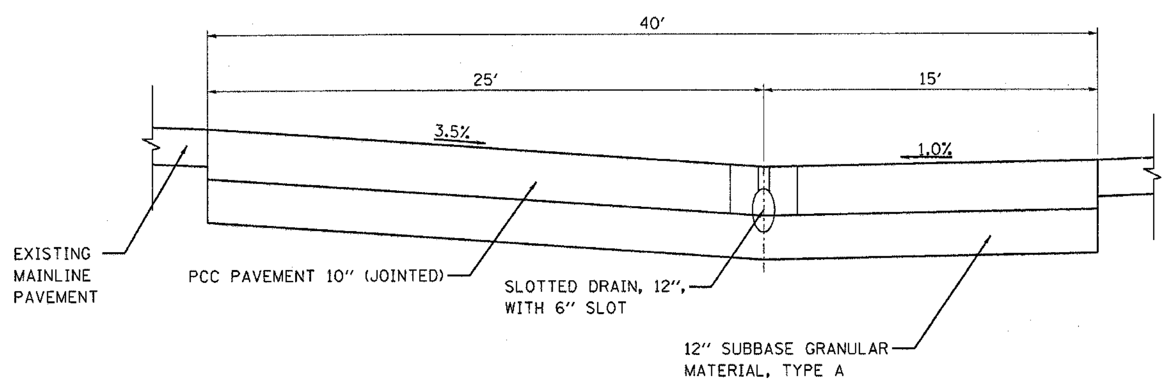
CONTRACT NO. 64A21				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(2,3,4) RS	WINNEBAGO	46	11
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

40' MEDIAN CROSSOVERS TYPICAL SECTIONS



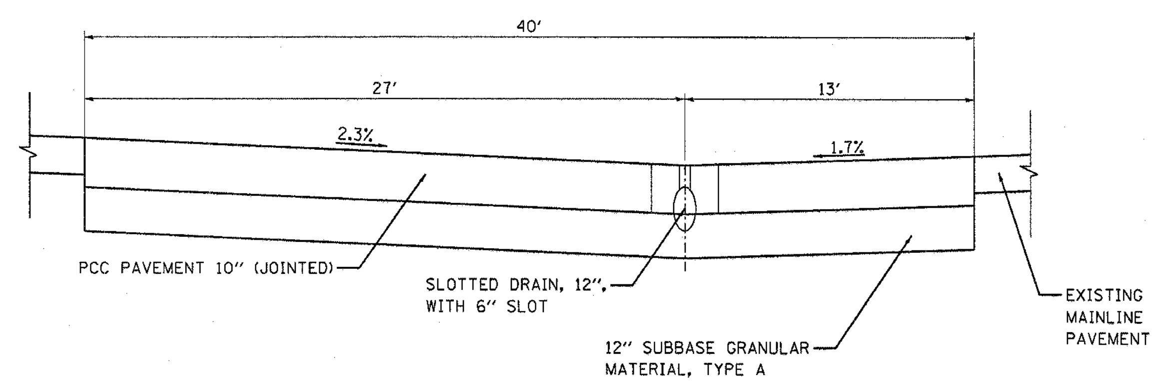
MEDIAN APPROACHES (TYPICAL)

STA. 818+12 TO STA. 820+32
STA. 821+68 TO STA. 823+88
STA. 860+10 TO STA. 862+30
STA. 863+70 TO STA. 865+90



CROSSOVER #1

STA. 820+32 TO STA. 821+68



CROSSOVER #2

STA. 862+30 TO STA. 863+70

REVISIONS	
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ILLINOIS DEPARTMENT OF TRANSPORTATION

MEDIAN CROSSOVER
TYPICAL SECTIONS

SCALE: VERT. HORIZ. N.T.S.
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SCHEDULE OF QUANTITIES

25000210 SEEDING, CLASS 2A

LOCATION		COMMENT	ACRE
US 20			
	818 + 12 - 820 + 32	(CROSSOVERS)	0.09
	821 + 68 - 823 + 88	(CROSSOVERS)	0.09
	859 + 30 - 859 + 76	(CROSSOVERS)	0.04
	860 + 10 - 862 + 30	(CROSSOVERS)	0.09
	863 + 70 - 865 + 90	(CROSSOVERS)	0.09
	865 + 90 - 866 + 56	(CROSSOVERS)	0.05
		TOTAL	0.45

25100115 MULCH, METHOD 2

LOCATION		COMMENT	ACRE
US 20			
	818 + 12 - 820 + 32	(CROSSOVERS)	0.09
	821 + 68 - 823 + 88	(CROSSOVERS)	0.09
	859 + 30 - 859 + 76	(CROSSOVERS)	0.04
	860 + 10 - 862 + 30	(CROSSOVERS)	0.09
	863 + 70 - 865 + 90	(CROSSOVERS)	0.09
	865 + 90 - 866 + 56	(CROSSOVERS)	0.05
		TOTAL	0.45

28000250 TEMPORARY EROSION CONTROL SEEDING

LOCATION	COMMENT	POUND
US 20	CROSSOVER AREAS	
	8 APPLICATIONS @	45.00
	TOTAL	360.00

28000300 TEMPORARY DITCH CHECKS

LOCATION		COMMENT	EACH
US 20			
	818 + 0	(CROSSOVERS)	1.00
	819 + 0	(CROSSOVERS)	1.00
	824 + 0	(CROSSOVERS)	1.00
	859 + 50	(CROSSOVERS)	1.00
	860 + 93	(CROSSOVERS)	1.00
	866 + 0	(CROSSOVERS)	1.00
		TOTAL	6

28000500 INLET AND PIPE PROTECTION

LOCATION		COMMENT	EACH
US 20			
	861 + 0	(CROSSOVERS)	1.00
	866 + 56	(CROSSOVERS)	1.00
		TOTAL	2

31100910 SUBBASE GRANULAR MATERIAL, TYPE A, 12"

LOCATION		COMMENT	SQ YD
US 20			
	818 + 12 - 823 + 88	(CROSSOVERS)	1413.00
	860 + 10 - 865 + 90	(CROSSOVERS)	1432.00
		TOTAL	2845

40600545 LEVELING BINDER (HAND METHOD), N90

LOCATION			TON
US 20			
	275 + 75 - 706 + 66		163.2
		TOTAL	163.2

40600990 TEMPORARY RAMP

LOCATION		COMMENT	SQ YD
US 20 EB			
	275 + 30		13.3
	404 + 98		13.3
	406 + 51	Two applications.	33.3
	412 + 30	Two applications.	33.3
	414 + 1		13.3
	448 + 2		13.3
	468 + 44		13.3
	485 + 1		13.3
	488 + 35	Two applications.	33.3
	493 + 49	Two applications.	33.3
	497 + 49		13.3
	516 + 89		13.3
	519 + 29		13.3
	529 + 98		13.3
	532 + 47		13.3
	548 + 7		13.3
	568 + 16		13.3
	707 + 11		13.3
EB Ramps			
	Montague	Off and on ramps.	17.8
	IL 2	Off and on ramps.	17.8
	US 251	Off and on ramps.	17.8
	Alpine	Off and on ramps.	17.8
	I-39 3rd lane	Off ramp.	8.9
US 20 WB			
	275 + 30		13.3
	404 + 98		13.3
	406 + 51	Two applications.	33.3
	412 + 30	Two applications.	33.3
	414 + 1		13.3
	449 + 27		13.3
	467 + 91		13.3
	485 + 1		13.3
	488 + 35	Two applications.	33.3
	493 + 49	Two applications.	33.3
	497 + 49		13.3
	516 + 89		13.3
	519 + 29		13.3
	529 + 98		13.3
	532 + 47		13.3
	547 + 99		13.3
	567 + 93		13.3
	707 + 11		13.3
WB Ramps			
	Montague	Off and on ramps.	17.8
	IL 2	Off and on ramps.	17.8
	US 251	Off and on ramps.	17.8
	Alpine	Off and on ramps.	17.8
		TOTAL	791.1

40601005 HOT-MIX ASPHALT REPLACEMENT OVER PATCHES

LOCATION	COMMENT	TON
US 20		
INSIDE SHOULDER REPAIR AS NEEDED		79.00
	TOTAL	79

42000501 PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)

LOCATION		COMMENT	SQ YD
US 20			
	818 + 12 - 823 + 88	(CROSSOVERS)	1315.30
	860 + 10 - 865 + 90	(CROSSOVERS)	1334.00
		TOTAL	2649

42001300 PROTECTIVE COAT

LOCATION		COMMENT	SQ YD
US 20			
	818 + 12 - 823 + 88	(CROSSOVERS)	1315.30
	860 + 10 - 865 + 90	(CROSSOVERS)	1334.00
		TOTAL	2649

44000100 PAVEMENT REMOVAL

LOCATION		COMMENT	SQ YD
US 20			
	859 + 90	(CROSSOVERS)	152
		TOTAL	152

44000158 HOT-MIX ASPHALT SURFACE REMOVAL - 2 1/4"

LOCATION		COMMENT	SQ YD
US 20			
	817 + 67 - 824 + 33	(PROP CROSSOVERS)	5032.00(EB&WB)
	859 + 65 - 866 + 35	(PROP CROSSOVERS)	5062.0 (EB&WB)
		TOTAL	10094

44002214 HOT-MIX ASPHALT REMOVAL OVER PATCHES -3 1/2"

LOCATION	COMMENT	SQ YD
US 20		
INSIDE SHOULDER REPAIR AS NEEDED		400.00
	TOTAL	400

44004250 PAVED SHOULDER REMOVAL

LOCATION		COMMENT	SQ YD
US 20			
	818 + 12 - 823 + 88	(CROSSOVERS) WB	269.10
	818 + 12 - 823 + 88	(CROSSOVERS) EB	259.90
	860 + 10 - 865 + 90	(CROSSOVERS) WB	265.10
	860 + 10 - 865 + 90	(CROSSOVERS) EB	277.10
		TOTAL	1071

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ILLINOIS DEPARTMENT OF TRANSPORTATION

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USER NAME = nicklausle

CONTRACT NO. 64A21

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(2,3,4)RS	WINNEBAGO	46	13

STA. __________ TO STA. __________

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

SCHEDULE OF QUANTITIES

48101200 AGGREGATE SHOULDERS, TYPE B

LOCATION		COMMENT	TON
US 20			
	818 + 12 - 820 + 32	(CROSSOVERS) EB	30.00
	818 + 12 - 820 + 32	(CROSSOVERS) WB	30.00
	821 + 68 - 823 + 88	(CROSSOVERS) EB	30.00
	821 + 68 - 823 + 88	(CROSSOVERS) WB	30.00
	860 + 10 - 862 + 30	(CROSSOVERS) EB	30.00
	860 + 10 - 862 + 30	(CROSSOVERS) WB	29.00
	863 + 70 - 865 + 90	(CROSSOVERS) EB	30.00
	863 + 70 - 865 + 90	(CROSSOVERS) WB	29.00
		TOTAL	238

50105220 PIPE CULVERT REMOVAL

LOCATION		COMMENT	FOOT
US 20			
	859 + 47 - 860 + 27	(CROSSOVERS)	80.00
		TOTAL	80

542D0217 PIPE CULVERT, CLASS D, TYPE I, 12"

LOCATION		COMMENT	FOOT
US 20			
	819 + 23 - 820 + 28	(CROSSOVERS)	104.00
		TOTAL	104

542D0223 PIPE CULVERT, CLASS D, TYPE I, 18"

LOCATION		COMMENT	FOOT
US 20			
	861 + 12 - 862 + 30	(CROSSOVERS)	118.00
	862 + 30 - 863 + 70	(CROSSOVERS)	140.00
	863 + 70 - 866 + 56	(CROSSOVERS)	286.00
		TOTAL	544

64200105 SHOULDER RUMBLE STRIP

LOCATION		COMMENT	FOOT
US 20			
	275 + 30 - 707 + 11	(EB INSIDE&OUTSIDE SHOULDERS)	75166
	275 + 30 - 707 + 11	(WB INSIDE&OUTSIDE SHOULDERS)	75552
		TOTAL	150718

70300100 SHORT TERM PAVEMENT MARKING

LOCATION		COMMENT	FOOT
US 20 EB			
	275 + 75 - 404 + 65	3 Applications	3867
	406 + 18 - 411 + 55	3 Applications	161
	413 + 30 - 440 + 30	3 Applications	810
	483 + 10 - 484 + 80	3 Applications	51
	488 + 15 - 493 + 45	3 Applications	159
	497 + 45 - 516 + 88	3 Applications	583
	519 + 28 - 530 + 0	3 Applications	322
	532 + 50 - 540 + 40	3 Applications	237
	571 + 0 - 707 + 11	3 Applications	4083
		Outside Shoulders	3008
		Inside Shoulders	3008
US 20 WB			
	275 + 75 - 405 + 31	3 Applications	3887
	406 + 84 - 413 + 4	3 Applications	186
	414 + 73 - 439 + 4	3 Applications	729
	475 + 63 - 485 + 23	3 Applications	288
	488 + 56 - 493 + 54	3 Applications	149
	497 + 54 - 516 + 90	3 Applications	581
	519 + 30 - 529 + 96	3 Applications	320
	532 + 45 - 546 + 50	3 Applications	422
	575 + 65 - 707 + 11	3 Applications	3944
		Outside Shoulders	3024
		Inside Shoulders	3024
		TOTAL	32842

70301000 WORK ZONE PAVEMENT MARKING REMOVAL

LOCATION			SQ FT
US 20 EB			
	275 + 75 - 404 + 65		429.7
	406 + 18 - 411 + 55		17.9
	413 + 30 - 440 + 30		90.0
	483 + 10 - 484 + 80		5.7
	488 + 15 - 493 + 45		17.7
	497 + 45 - 516 + 88		64.8
	519 + 28 - 530 + 0		35.7
	532 + 50 - 540 + 40		26.3
	571 + 0 - 707 + 11		453.7
		Outside Shoulders	496.0
		Inside Shoulders	496.0
US 20 WB			
	275 + 75 - 405 + 31		431.9
	406 + 84 - 413 + 4		20.7
	414 + 73 - 439 + 4		81.0
	475 + 63 - 485 + 23		32.0
	488 + 56 - 493 + 54		16.6
	497 + 54 - 516 + 90		64.5
	519 + 30 - 529 + 96		35.5
	532 + 45 - 546 + 50		46.8
	575 + 65 - 707 + 11		438.2
		Outside Shoulders	499.0
		Inside Shoulders	499.0
		TOTAL	4298.7

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CONTRACT NO. 64A21

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(2,3,4)RS	WINNEBAGO	46	14

STA. __________ TO STA. __________

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

SCHEDULE OF QUANTITIES

78000500 THERMOPLASTIC PAVEMENT MARKING - LINE 8"

LOCATION	COMMENT	FOOT
US 20 EB		
307 + 25 - 310 + 77		352
329 + 49 - 332 + 14		265
445 + 36 - 448 + 6		270
468 + 44 - 470 + 11		167
544 + 23 - 548 + 9		386
568 + 16 - 568 + 61		45
663 + 61 - 666 + 83		322
685 + 34 - 686 + 99		165
702 + 30 - 707 + 65		535
EB Ramps		
307 + 5 - 310 + 87		382
329 + 2 - 332 + 14		312
332 + 14 - 334 + 56	Skip Dash	60
445 + 36 - 448 + 6		270
468 + 44 - 478 + 11		967
544 + 23 - 548 + 11		388
568 + 16 - 569 + 78		162
569 + 78 - 572 + 41		263
663 + 61 - 667 + 28	Skip Dash	70
684 + 89 - 686 + 99		210
686 + 0 - 692 + 15	Skip Dash	120
702 + 30 - 707 + 58		528
US 20 WB		
308 + 31 - 310 + 44		213
329 + 12 - 332 + 50		338
446 + 41 - 448 + 67		226
467 + 7 - 471 + 92		485
568 + 1 - 572 + 15		414
685 + 14 - 688 + 20		306
WB Ramps		
308 + 31 - 310 + 89		258
328 + 67 - 332 + 50		383
444 + 61 - 446 + 41	Skip Dash	50
471 + 92 - 497 + 93		2601
543 + 81 - 546 + 25	Skip Dash	
546 + 25 - 548 + 3		178
568 + 1 - 572 + 15		414
664 + 40 - 666 + 69	Skip Dash	60
666 + 69 - 668 + 33		164
684 + 69 - 688 + 20		351
	TOTAL	12680

78000620 THERMOPLASTIC PAVEMENT MARKING - LINE 18"

LOCATION	COMMENT	FOOT
US 20 EB		
282 + 68	Aerial speed check zone	12
289 + 28	Aerial speed check zone	12
295 + 88	Aerial speed check zone	12
US 20 WB		
356 + 83	Aerial speed check zone	12
363 + 43	Aerial speed check zone	12
370 + 3	Aerial speed check zone	12
	TOTAL	72

78003130 PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"

LOCATION	COMMENT	LENGT FOOT	6" LINE FOOT
US 20 EB			
275 + 75 - 448 + 6	Skip dash (White)	17231	4310
468 + 44 - 548 + 9	Skip dash (White)	7965	1990
568 + 16 - 707 + 65	Skip dash (White)	13949	3490
686 + 99 - 692 + 15	Skip dash (White)	516	130
US 20 WB			
276 + 74 - 448 + 67	Skip dash (White)	17193	4300
467 + 7 - 547 + 90	Skip dash (White)	8083	2020
568 + 1 - 707 + 65	Skip dash (White)	13964	3490
	TOTAL		19730

78008310 POLYUREA PAVEMENT MARKING TYPE 2 - LINE 4"

LOCATION	COMMENT	4" LINE FOOT
US 20 EB		
275 + 30 - 448 + 2	Edge line (Yellow)	17272
275 + 30 - 304 + 5	Edge line (White)	2875
310 + 77 - 329 + 49	Edge line (White)	1872
341 + 60 - 440 + 34	Edge line (White)	9874
468 + 44 - 548 + 7	Edge line (Yellow)	7963
483 + 34 - 540 + 44	Edge line (White)	5710
568 + 16 - 707 + 65	Edge line (Yellow)	13949
575 + 39 - 659 + 76	Edge line (White)	8437
666 + 83 - 685 + 34	Edge line (White)	1851
692 + 15 - 707 + 11	Edge line (White)	1496
EB Ramps		
304 + 5 - 310 + 77	Edge line (White)	672
329 + 49 - 341 + 60	Edge line (White)	1211
440 + 34 - 448 + 6	Edge line (White)	772
468 + 44 - 483 + 34	Edge line (White)	1490
540 + 44 - 548 + 11	Edge line (White)	767
568 + 16 - 575 + 39	Edge line (White)	723
659 + 76 - 666 + 83	Edge line (White)	707
685 + 34 - 692 + 15	Edge line (White)	681
701 + 24 - 707 + 58	Edge line (White)	634
US 20 WB		
275 + 30 - 449 + 27	Edge line (Yellow)	17397
276 + 74 - 298 + 52	Edge line (White)	2178
310 + 44 - 329 + 12	Edge line (White)	1868
336 + 49 - 438 + 45	Edge line (White)	10196
467 + 91 - 547 + 99	Edge line (Yellow)	8008
475 + 65 - 535 + 84	Edge line (White)	6019
567 + 93 - 707 + 65	Edge line (Yellow)	13972
575 + 73 - 655 + 58	Edge line (White)	7985
667 + 88 - 685 + 14	Edge line (White)	1726
692 + 8 - 707 + 11	Edge line (White)	1503
WB Ramps		
298 + 52 - 310 + 89	Edge line (White)	1237
328 + 67 - 336 + 49	Edge line (White)	782
438 + 45 - 448 + 67	Edge line (White)	1022
475 + 65 - 497 + 93	Edge line (White)	2228
535 + 84 - 548 + 3	Edge line (White)	1219
568 + 1 - 575 + 73	Edge line (White)	772
655 + 58 - 668 + 33	Edge line (White)	1275
684 + 69 - 692 + 8	Edge line (White)	739
	TOTAL	159082

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

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PLOT SCALE = 50.0000 '/ IN.
USER NAME = nicklausle

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(2,3,4)RS	WINNEBAGO	46	15
STA. ________	TO STA. ________			
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

SCHEDULE OF QUANTITIES

78100100 RAISED REFLECTIVE PAVEMENT MARKER

LOCATION	COMMENT	CRYSTAL EACH
US 20 EB		
275 + 75 - 404 + 65	Double markers (80' O.C.)	324
406 + 18 - 411 + 55	Double markers (80' O.C.)	16
413 + 30 - 440 + 30	Double markers (80' O.C.)	70
483 + 10 - 484 + 80	Double markers (80' O.C.)	6
488 + 15 - 493 + 45	Double markers (80' O.C.)	16
497 + 45 - 516 + 88	Double markers (80' O.C.)	50
519 + 28 - 530 + 0	Double markers (80' O.C.)	28
532 + 50 - 540 + 40	Double markers (80' O.C.)	22
571 + 0 - 707 + 11	Double markers (80' O.C.)	342
EB Ramps		
Montague		55
IL 2		48
US 251		53
Alpine		55
I-39 3rd lane		19
US 20 WB		
275 + 75 - 405 + 31	Double markers (80' O.C.)	326
406 + 84 - 413 + 4	Double markers (80' O.C.)	18
414 + 73 - 439 + 4	Double markers (80' O.C.)	62
475 + 63 - 485 + 23	Double markers (80' O.C.)	26
488 + 56 - 493 + 54	Double markers (80' O.C.)	14
497 + 54 - 516 + 90	Double markers (80' O.C.)	50
519 + 30 - 529 + 96	Double markers (80' O.C.)	28
532 + 45 - 546 + 50	Double markers (80' O.C.)	38
575 + 65 - 707 + 11	Double markers (80' O.C.)	330
WB Ramps		
Montague		63
IL 2		57
US 251		60
Alpine		50
	TOTAL	2226

78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

LOCATION	COMMENT	EACH
US 20 EB		
92 + 50 - IL 2	Mainline	98
IL 2 - US 251	Mainline	63
US 251 - I 39	Mainline	111
EB Ramps		
Montague		48
IL 2		42
US 251		35
Alpine		39
I-39 3rd lane		4
US 20 WB		
92 + 50 - IL 2	Mainline	128
IL 2 - US 251	Mainline	56
US 251 - I 39	Mainline	104
WB Ramps		
Montague		51
IL 2		48
US 251		45
Alpine		35
	TOTAL	907

X0322288 MEDIAN CLOSURE

LOCATION	COMMENT	EACH
US 20		
821 + 0	(CROSSOVERS)	1.00
863 + 0	(CROSSOVERS)	1.00
	TOTAL	2

X0322392 BEVELED PIPE AND GUARD

LOCATION	COMMENT	EACH
US 20		
819 + 12	(CROSSOVERS)	1.00
861 + 0	(CROSSOVERS)	1.00
	TOTAL	2

Z0028415 GEOTECHNICAL REINFORCEMENT

LOCATION		SQ YD
US 20 and Ramps		
818 + 12 - 823 + 88	(CROSSOVERS)	1413
860 + 10 - 865 + 90	(CROSSOVERS)	1432
Full depth patches		972.0
	TOTAL	3817.0

Z0028700 GRANULAR SUBGRADE REPLACEMENT

LOCATION		CU YD
US 20 and Ramps		
Full depth patches	TOTAL	162.0

Z0065752 SLOTTED DRAIN, 12", WITH 6" SLOT

LOCATION		FOOT
US 20 and Ramps		
820 + 32 - 821 + 68	(CROSSOVERS)	136
862 + 30 - 863 + 70	(CROSSOVERS)	140
	TOTAL	276.0

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. HORIZ.
DATE
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PLOT DATE = Wed Oct 25 13:59:14 2006
FILE NAME = P:\Excel\US20cunninghamtoI39\bypass20typicals.dgn
PLOT SCALE = 50.0000 ' / IN.
USER NAME = nicklousle

CONTRACT NO. 64A21

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(2,3,4)RS	WINNEBAGO	46	16
STA. __________	TO STA.__________			
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

EARTHWORK SCHEDULE

20200100	EARTH EXCAVATION		20400800	FURNISHED EXCAVATION		21101505	TOPSOIL EXCAVATION AND PLACEMENT	
FROM	TO	CU YD	FROM	TO	CU YD	FROM	TO	CU YD
818+12	818+50	31.0	818+12	818+50	24.1	818+12	820+32	74.2
818+50	819+00	41.0	818+50	819+00	31.1	821+68	823+88	74.2
819+00	819+12	10.0	819+00	819+12	7.0	859+30	859+76	25.8
819+12	819+50	31.3	819+12	819+50	30.6	860+10	862+30	74.2
819+50	819+62	9.9	819+50	819+62	12.3	863+70	865+90	74.1
819+62	820+00	34.3	819+62	820+00	38.7	865+90	866+56	36.4
820+00	820+32	35.7	820+00	820+32	22.1		TOTAL	359
820+32	820+50	22.4	820+32	820+50	6.6			
820+50	821+00	62.2	820+50	821+00	19.1			
821+00	821+50	61.6	821+00	821+50	19.4			
821+50	821+68	21.9	821+50	821+68	7.1			
821+68	822+00	38.1	821+68	822+00	30.8			
822+00	822+38	37.8	822+00	822+38	45.8			
822+38	822+50	9.9	822+38	822+50	10.3			
822+50	822+88	31.3	822+50	822+88	24.6			
822+88	823+00	9.9	822+88	823+00	5.5			
823+00	823+50	41.4	823+00	823+50	23.5			
823+50	823+88	31.4	823+50	823+88	18.9			
859+50	860+00	103.7	859+50	860+00	0.0			
860+00	860+10	21.5	860+00	860+10	0.0			
860+10	860+50	26.3	860+10	860+50	2.6			
860+50	861+00	40.9	860+50	861+00	10.3			
861+00	861+50	40.6	861+00	861+50	35.0			
861+50	861+60	8.1	861+50	861+60	9.5			
861+60	862+00	40.0	861+60	862+00	39.7			
862+00	862+30	36.7	862+00	862+30	21.0			
862+30	862+50	25.3	862+30	862+50	6.5			
862+50	863+00	63.8	862+50	863+00	15.2			
863+00	863+50	63.8	863+00	863+50	14.4			
863+50	863+70	25.4	863+50	863+70	5.8			
863+70	864+00	37.0	863+70	864+00	24.7			
864+00	864+40	39.9	864+00	864+40	42.1			
864+40	864+50	8.0	864+40	864+50	7.1			
864+50	865+00	39.8	864+50	865+00	27.5			
865+00	865+50	39.7	865+00	865+50	21.6			
865+50	865+90	31.8	865+50	865+90	18.3			
	TOTAL	1253		TOTAL	679			

PLOT DATE = Mon Oct 16 13:47:02 2006
FILE NAME = P:\Excel\US20cunninghamtol39\bypass20typicals.dgn
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. HORIZ.

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EARTHWORK SCHEDULE

CONTRACT NO. 64A21

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(2,3,4)RS	WINNEBAGO	46	17
STA. ________	TO STA. ________			
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

BITUMINOUS SCHEDULE

STATIONS	LENGTH FT	PROPOSED SURFACE PAVEMENT WIDTH	PAVEMENT SQ. YD.	SHOULDER WIDTH	SHOULDER SQ. YD.	40600200 BIT. PRIME TON	40600300 AGG. PRIME TON	40800050 INCIDENTAL HMA SURF TON	40600845 P LEV BIND MM N90 TON	40603570 P HMA SC "E" N 90 TON	40603310 HMA SC "C" N 50 TON	48101200 AGG SHLDS TYPE B TON	40600982 HMA SURF REM BUTT JT SQ. YD.	44000158 HMA SURF REM 2 1/4 INCH SQ. YD.
Eastbound														
275+30 - 275+75	45	24	120.0	15	75.0	0.08	0.18		1.1	10.1	9.5	4.6	130.0	
275+75 - 280+40	465	24	1240.0	15	775.0	0.86	1.86		69.4	104.2	97.7	47.7		
280+40 - 287+10	670	24	1786.7	12	893.3	1.15	2.68		100.1	150.1	112.6			2680.0
287+10 - 304+10	1700	24	4533.3	15	2833.3	3.16	6.80		253.9	380.8	357.0	174.3		
304+10 - 310+45	635	24	1693.3	4	282.2	0.85	2.54		94.8	142.2	35.6	32.8		
310+45 - 329+20	1875	24	5000.0	15	3125.0	3.49	7.50		280.0	420.0	393.8	192.2		
329+20 - 341+55	1235	24	3293.3	4	548.9	1.65	4.94		184.4	276.6	69.2	63.8		
341+55 - 402+80	6125	24	16333.3	15	10208.3	11.39	24.50		914.7	1372.0	1286.3	627.8		
402+80 - 404+53	173	24	461.3	15 & Var	211.4	0.29	0.69		25.8	38.8	26.6	17.7		
404+53 - 404+98	45	24	120.0	15 & Var	55.0	0.08	0.18		1.1	10.1	6.9	4.6	100.0	
Bridge Omission														
406+51 - 406+96	45	24	120.0	15 & Var	55.0	0.08	0.18		1.1	10.1	6.9			175.0
406+96 - 408+15	119	24	317.3	15 & Var	145.4	0.20	0.48		17.8	26.7	18.3			462.7
408+15 - 409+35	120	24	320.0	15	200.0	0.22	0.48		17.9	26.9	25.2			520.0
409+35 - 411+85	250	24	666.7	15 & Var	305.6	0.42	1.00		37.3	56.0	38.5			972.3
411+85 - 412+30	45	24	120.0	15 & Var	55.0	0.08	0.18		1.1	10.1	6.9			175.0
Bridge Omission														
414+1 - 414+46	45	24	120.0	15 & Var	55.0	0.08	0.18		1.1	10.1	6.9	4.6	100.0	
414+46 - 415+30	84	24	224.0	15 & Var	102.6	0.14	0.34		12.5	18.8	12.9	8.6		
415+30 - 440+30	2500	24	6666.7	15	4166.7	4.65	10.00		373.3	560.0	525.0	256.3		
440+30 - 447+57	727	24	1938.7	4	323.1	0.97	2.91		108.6	162.8	40.7	37.5		
447+57 - 448+2	45	24	120.0	15	75.0	0.08	0.18		1.1	10.1	9.5	4.6	130.0	
Omission IL 2														
468 44 468+89	45	24	120.0	15	75.0	0.08	0.18		1.1	10.1	9.5	4.6	130.0	
468+89 - 483+55	1466	24	3909.3	4	651.6	1.96	5.86		218.9	328.4	82.1	75.7		
483+55 - 484+56	101	24	269.3	15 & Var	123.4	0.17	0.40		15.1	22.6	15.5	10.4		
484+56 - 485+1	45	24	120.0	15 & Var	55.0	0.08	0.18		1.1	10.1	6.9	4.6	100.0	
Bridge Omission														
488+35 - 488+80	45	24	120.0	15 & Var	55.0	0.08	0.18		1.1	10.1	6.9			175.0
488+80 - 488+90	10	24	26.7	15 & Var	12.2	0.02	0.04		1.5	2.2	1.5			38.9
488+90 - 491+10	220	24	586.7	15	366.7	0.41	0.88		32.9	49.3	46.2			953.3
491+10 - 493+4	194	24	517.3	15 & Var	237.2	0.32	0.78		29.0	43.5	29.9			754.5
493+4 - 493+49	45	24	120.0	15 & Var	55.0	0.08	0.18		1.1	10.1	6.9			175.0
Bridge Omission														
497+49 - 497+94	45	24	120.0	15 & Var	55.0	0.08	0.18		1.1	10.1	6.9	4.6	100.0	
497+94 - 504+85	691	24	1842.7	15	1151.7	1.28	2.76		103.2	154.8	145.1	70.8		
504+85 - 510+95	610	24	1626.7	12	813.3	1.05	2.44		91.1	136.6	102.5			2440.0
510+95 - 515+30	435	24	1160.0	15	725.0	0.81	1.74		65.0	97.4	91.4	44.6		
515+30 - 516+44	114	24	304.0	15 & Var	139.4	0.19	0.46		17.0	25.5	17.6	11.7		
516+44 - 516+89	45	24	120.0	15 & Var	55.0	0.08	0.18		1.1	10.1	6.9	4.6	100.0	
Bridge Omission														
PAGE TOTALS						36.6	84.2		3077.6	4717.2	3661.7	1708.6	890.0	9521.7

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. HORIZ.

DATE

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BITUMINOUS SCHEDULE

PLOT DATE = Mon Oct 16 13:46:51 2006
FILE NAME = P:\Excel\US20cunninghamtol39\bypass20typicals.dgn
PLOT SCALE = 50.0000 ' / IN.
USER NAME = nicklausle

CONTRACT NO. 64A21

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(2,3,4)BS	WINNEBAGO	46	18
STA. _____	TO STA. _____			
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

BITUMINOUS SCHEDULE

STATIONS	LENGTH FT	PROPOSED SURFACE PAVEMENT WIDTH	PAVEMENT SQ. YD.	SHOULDER WIDTH	SHOULDER SQ. YD.	40600200 BIT. PRIME TON	40600300 AGG. PRIME TON	40800050 INCIDENTAL HMA SURF TON	40600845 P LEV BIND MM N90 TON	40603570 P HMA SC "E" N 90 TON	40603310 HMA SC "C" N 50 TON	48101200 AGG SHLDS TYPE B TON	40600982 HMA SURF REM BUTT JT SQ. YD.	44000158 HMA SURF REM 2 1/4 INCH SQ. YD.
Eastbound														
Bridge Omission														
519+29 - 519 +74	45	24	120.0	15 & Var	55.0	0.08	0.18		1.1	10.1	6.9	4.6	100.0	
519 +74 - 528+34	860	24	2293.3	15	1433.3	1.60	3.44		128.4	192.6	180.6	88.2		
528 +34 - 529 +53	119	24	317.3	15 & Var	132.2	0.19	0.48		17.8	26.7	16.7	12.2		
529 +53 - 529 +98	45	24	120.0	15 & Var	55.0	0.08	0.18		1.1	10.1	6.9	4.6	100.0	
Bridge Omission														
532 +47 - 532 +92	45	24	120.0	15 & Var	55.0	0.08	0.18		1.1	10.1	6.9	4.6	100.0	
532 +92 - 540+40	748	24	1994.7	15	1246.7	1.39	2.99		111.7	167.6	157.1	76.7		
540 +40 - 547+62	722	24	1925.3	4	320.9	0.96	2.89		107.8	161.7	40.4	37.3		
547 +62 - 548 +7	45	24	120.0	15	75.0	0.08	0.18		1.1	10.1	9.5	4.6	130.0	
Omission US 251														
568+16 - 568 61	45	24	120.0	15	75.0	0.08	0.18		1.1	10.1	9.5	4.6	130.0	
568 +61 - 571+0	239	24	637.3	4	106.2	0.32	0.96		35.7	53.5	13.4	12.3		
571 +0 - 593+25	2225	40 & Va	7911.1	12	2966.7	4.67	11.87		443.0	664.5	373.8	228.1		
593 +25 - 596+67	342	24	912.0	15	570.0	0.64	1.37		51.1	76.6	71.8	35.1		
596 +67 - 599+20	253	24	674.7	15	421.7	0.47	1.01		37.8	56.7	53.1	25.9		
599 +20 - 659+55	6035	24	16093.3	15	10058.3	11.22	24.14		901.2	1351.8	1267.4	618.6		
659 +55 - 666+66	711	24	1896.0	4	316.0	0.95	2.84		106.2	159.3	39.8	36.7		
666 +66 - 685+13	1847	24	4925.3	15	3078.3	3.43	7.39		275.8	413.7	387.9	189.3		
685 +13 - 688 +6	293	24	781.3	4	130.2	0.39	1.17		43.8	65.6	16.4	15.1		
688 +6 - 691+65	359	40 & Va	1276.4	12	478.7	0.75	1.91		71.5	107.2	60.3	36.8		
691 +65 - 700+77	912	36	3648.0	12	1216.0	2.09	5.47		204.3	306.4	153.2	93.5		
700 +77 - 706+66	589	24	1570.7	4	261.8	0.79	2.36		88.0	131.9	33.0	60.4		
706 +66 - 707+11	45	24	120.0	15	75.0	0.08	0.18		1.1	10.1	9.5	4.6	130.0	
Westbound														
275+30 - 275 +75	45	24	120.0	15	75.0	0.08	0.18		1.1	10.1	9.5	4.6	130.0	
275 +75 - 280+40	465	24	1240.0	15	775.0	0.86	1.86		69.4	104.2	97.7	47.7		
280 +40 - 287+10	670	24	1786.7	12	893.3	1.15	2.68		100.1	150.1	112.6			2680.0
287 +10 - 298 +60	1150	24	3066.7	15	1916.7	2.14	4.60		171.7	257.6	241.5	117.9		
298 +60 - 310+55	1195	24	3186.7	4	531.1	1.59	4.78		178.5	267.7	66.9	61.7		
310 +55 - 329+21	1866	24	4976.0	15	3110.0	3.47	7.46		278.7	418.0	391.9	191.3		
329+21 - 336+65	744	24	1984.0	4	330.7	0.99	2.98		111.1	166.7	41.7	38.4		
336 +65 - 403+28	6663	24	17768.0	15	11105.0	12.39	26.65		995.0	1492.5	1399.2	683.0		
403 +28 - 404+53	125	24	333.3	15 & Var	152.8	0.21	0.50		18.7	28.0	19.3	12.8		
404+53 - 404 +98	45	24	120.0	15 & Var	55.0	0.08	0.18		1.1	10.1	6.9	4.6	100.0	
Bridge Omission														
406+51 - 406+96	45	24	120.0	15 & Var	55.0	0.08	0.18		1.1	10.1	6.9			175.0
406 +96 - 408+98	202	24	538.7	15 & Var	246.8	0.34	0.81		30.2	45.2	31.1			785.5
408 +98 - 411+44	246	24	656.0	15	410.0	0.46	0.98		36.7	55.1	51.7			1066.0
411 +44 - 411 +85	41	24	109.3	15 & Var	50.2	0.07	0.16		6.1	9.2	6.3			159.5
PAGE TOTALS						54.2	125.4		4630.2	7020.9	5397.0	2755.7	920.0	4866.0

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. HORIZ. DRAWN BY

DATE CHECKED BY

PLOT DATE = Mon Oct 16 13:46:41 2006
FILE NAME = P:\Excel\US251bypass28\typicals28typicals.dgn
PLOT SCALE = 50.0000 ' / IN.
USER NAME = nickleusle

CONTRACT NO. 64A21

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(2,3,4)BS	WINNEBAGO	46	19
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

BITUMINOUS SCHEDULE

STATIONS	LENGTH	PROPOSED SURFACE				40600200	40600300	40800050	40600845	40603570	40603310	48101200	40600982	44000158
		PAVEMENT		SHOULDER		BIT. PRIME	AGG. PRIME	INCIDENTAL HMA SURF	P LEV BIND MM N90	P HMA SC "E" N 90	HMA SC "C" N 50	AGG SHLDS TYPE B	HMA SURF REM BUTT JT	HMA SURF REM 2 1/4 INCH
	FT	WIDTH	SQ. YD.	WIDTH	SQ. YD.	TON	TON	TON	TON	TON	TON	TON	SQ. YD.	SQ. YD.
Westbound														
411 +85 - 412+30	45	24	120.0	15 & Var	55.0	0.08	0.18		1.1	10.1	6.9			175.0
Bridge Omission														
414 +1 - 414 +46	45	24	120.0	15 & Var	55.0	0.08	0.18		1.1	10.1	6.9	4.6	100.0	
414 +46 - 416+44	198	24	528.0	15 & Var	242.0	0.33	0.79		29.6	44.4	30.5	20.3		
416 +44 - 439+5	2261	24	6029.3	15	3768.3	4.20	9.04		337.6	506.5	474.8	231.8		
439 +5 - 448 +82	977	24	2605.3	4	434.2	1.30	3.91		145.9	218.8	54.7	50.4		
448 +82 - 449 +27	45	24	120.0	15	75.0	0.08	0.18		1.1	10.1	9.5	4.6	130.0	
Omission IL 2														
467+91 - 468 +36	45	24	120.0	15	75.0	0.08	0.18		1.1	10.1	9.5	4.6	130.0	
468 +36 - 475+63	727	24	1938.7	4	323.1	0.97	2.91		108.6	162.8	40.7	37.5		
475 +63 - 484 +56	893	24	2381.3	15	1488.3	1.66	3.57		133.4	200.0	187.5	91.5		
484 +56 - 485 +1	45	24	120.0	15	75.0	0.08	0.18		1.1	10.1	9.5	4.6	130.0	
Bridge Omission														
488 +35 - 488 +80	45	24	120.0	15 & Var	55.0	0.08	0.18		1.1	10.1	6.9			175.0
488 +80 - 490+88	208	24	554.7	15 & Var	254.2	0.35	0.83		31.1	46.6	32.0			808.9
490 +88 - 493+4	216	24	576.0	15	360.0	0.40	0.86		32.3	48.4	45.4			936.0
493 +4 - 493 +49	45	24	120.0	15	75.0	0.08	0.18		1.1	10.1	9.5			195.0
Bridge Omission														
497 +49 - 497 +94	45	24	120.0	15 & Var	55.0	0.08	0.18		1.1	10.1	6.9	4.6	100.0	
497 +94 - 499 +63	169	24	450.7	15 & Var	206.6	0.28	0.68		25.2	37.9	26.0	17.3		
499 +63 - 504+85	522	24	1392.0	15	870.0	0.97	2.09		78.0	116.9	109.6	53.5		
504 +85 - 510+95	610	24	1626.7	12	813.3	1.05	2.44		91.1	136.6	102.5			2440.0
510 +95 - 516+44	549	24	1464.0	15	915.0	1.02	2.20		82.0	123.0	115.3	56.3		
516+44 - 516 +89	45	24	120.0	15	75.0	0.08	0.18		1.1	10.1	9.5	4.6	130.0	
Bridge Omission														
519+29 - 519+74	45	24	120.0	15 & Var	55.0	0.08	0.18		1.1	10.1	6.9	4.6	100.0	
519+74 - 520+73	99	24	264.0	15 & Var	121.0	0.17	0.40		14.8	22.2	15.2	10.1		
520+73 - 529+53	880	24	2346.7	15	1466.7	1.64	3.52		131.4	197.1	184.8	90.2		
529+53 - 529+98	45	24	120.0	15 & Var	55.0	0.08	0.18		1.1	10.1	6.9	4.6	80.0	
Bridge Omission														
532+47 - 532+92	45	24	120.0	15 & Var	55.0	0.08	0.18		1.1	10.1	6.9	4.6	80.0	
532+92 - 533+95	103	24	274.7	15 & Var	125.7	0.17	0.41		15.4	23.1	15.8	10.6		
533+95 - 535+80	185	24	493.3	15	308.3	0.34	0.74		27.6	41.4	38.9	19.0		
535+80 - 546+50	1070	40 & Va	3644.4	12	1426.7	2.18	5.47		204.1	306.1	179.8	109.7		
546+50 - 547+54	104	24	277.3	4	46.2	0.14	0.42		15.5	23.3	5.8	5.4		
547+54 - 547+99	45	24	120.0	15	75.0	0.08	0.18		1.1	10.1	9.5	4.6	143.3	
Omission US 251														
567+93 - 568+38	45	24	120.0	15	75.0	0.08	0.18		1.1	10.1	9.5	4.6	130.0	
568+38 - 575+65	727	24	1938.7	4	323.1	0.97	2.91		108.6	162.8	40.7	37.5		
575+65 - 596+67	2102	24	5605.3	15	3503.3	3.91	8.41		313.9	470.8	441.4	215.5		
596 +67 - 599+20	253	24	674.7	15	421.7	0.47	1.01		37.8	56.7	53.1			1096.3
PAGE TOTALS						23.6	55.1		1979.4	3086.6	2309.3	1107.3	1253.3	5826.2

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. HORIZ.
DATE

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PLOT DATE = Mon Oct 16 13:46:23 2006
FILE NAME = P:\Excel\US20\winnghamtol39\bypass20bypsicells.dgn
PLOT SCALE = 50.0000 ' / IN.
USER NAME = nicklbaile

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(2,3,4)RS	WINNEBAGO	46	20

STA. ________ TO STA. ________

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

BITUMINOUS SCHEDULE

STATIONS	LENGTH	PROPOSED SURFACE				40600200	40600300	40800050	40600845	40603570	40603310	48101200	40600982	44000158
		PAVEMENT		SHOULDER		BIT. PRIME	AGG. PRIME	INCIDENTAL HMA SURF	P LEV BIND MM N90	P HMA SC "E" N 90	HMA SC "C" N 50	AGG SHLDS TYPE B	HMA SURF REM BUTT JT	HMA SURF REM 2 1/4 INCH
	FT	WIDTH	SQ. YD.	WIDTH	SQ. YD.	TON	TON	TON	TON	TON	TON	TON	SQ. YD.	SQ. YD.
Westbound														
599 +20 - 655+60	5640	24	15040.0	15	9400.0	10.48	22.56		842.2	1263.4	1184.4	578.1		
655 +60 - 667+85	1225	24	3266.7	4	544.4	1.63	4.90		182.9	274.4	68.6	125.6		
667 +85 - 685+15	1730	24	4613.3	15	2883.3	3.22	6.92		258.3	387.5	363.3	177.3		
685 +15 - 692 +20	705	24	1880.0	4	313.3	0.94	2.82		105.3	157.9	39.5	36.4		
692 +20 - 706+66	1446	24	3856.0	15	2410.0	2.69	5.78		215.9	323.9	303.7	148.2		
706 +66 - 707+11	45	24	120.0	15	75.0	0.08	0.18		1.1	10.1	9.5	4.6	130.0	
Eastbound Ramps														
Montague Road														
304 +10 - 310+ 90	680	Var	1070.2	Var	1146.4	0.95	1.61		59.9	89.9	144.4	35.1	93.3	
328+75 - 341+ 55	1280	Var	1396.9	Var	1513.9	1.25	2.10		78.2	117.3	190.8	66.1	93.3	
IL Route 2														
440+30 - 448+ 2	772	Var	897.3	Var	893.7	0.77	1.35		50.2	75.4	112.6	39.9	93.3	
468+44 - 483+ 55	1511	Var	1380.8	Var	1446.1	1.21	2.07		77.3	116.0	182.2	78.0	93.3	
IL Route 251														
540+40 - 548+ 7	767	Var	994.6	Var	987.6	0.85	1.49		55.7	83.5	124.4	39.6	93.3	
568+16 - 571+ 0	284	Var	504.9	Var	591.1	0.47	0.76		28.3	42.4	74.5	14.7	93.3	
Alpine Road														
659+55 - 666+ 66	711	Var	932.5	Var	956.7	0.81	1.40		52.2	78.3	120.5	36.7	93.3	
684+68 - 688+ 6	338	Var	600.9	Var	711.1	0.56	0.90		33.7	50.5	89.6	17.5	93.3	
IL Route 39														
700+77 - 707+ 11	634	Var	986.2	Var	1074.4	0.88	1.48		55.2	82.8	135.4	32.7	93.3	
Westbound Ramps														
Montague Road														
298+60 - 311+ 0	1240	Var	1417.4	Var	1422.9	1.22	2.13		79.4	119.1	179.3	64.0	93.3	
328+76 - 336+ 65	789	Var	970.8	Var	996.8	0.84	1.46		54.4	81.5	125.6	40.7	93.3	
IL Route 2														
439+5 - 449 + 27	1022	Var	1269.4	Var	1229.2	1.07	1.90		71.1	106.6	154.9	52.8	93.3	
467+91 - 475+ 63	772	Var	1040.9	Var	1001.2	0.88	1.56		58.3	87.4	126.2	39.9	93.3	
IL Route 251														
546+50 - 547+ 99	149	Var	231.7	Var	268.6	0.21	0.35		13.0	19.5	33.8	7.7	93.3	
567+93 - 575+ 65	772	Var	1054.2	Var	1013.7	0.89	1.58		59.0	88.6	127.7	39.9	93.3	
Alpine Road														
655+60 - 668+ 30	1270	Var	1482.7	Var	1443.3	1.26	2.22		83.0	124.5	181.9	65.6	93.3	
684+70 - 692 + 20	750	Var	968.9	Var	931.9	0.82	1.45		54.3	81.4	117.4	38.7	93.3	
Crossovers														
253+30			113.8			0.05	0.17	14.3						
423+46			105.9			0.05	0.16	13.3						
592+19			113.8			0.05	0.17	14.3						
645+44			121.8			0.05	0.18	15.3						
PAGE TOTALS						34.2	69.6	57.4	2569.1	3862.0	4190.1	1779.7	1716.1	
GRAND TOTALS						148.6	334.4	57.4	12256.2	18686.8	15558.2	7351.2	4779.4	20213.9

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. HORIZ.

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BITUMINOUS SCHEDULE

PLOT DATE = Mon Oct 16 13:46:12 2006
FILE NAME = P:\Excel\US20cunninghamtoI39\bypass20typicals.dgn
PLOT SCALE = 50.0000 ' / IN.
USER NAME = micklausle

CONTRACT NO. 64A21

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(2,3,4)RS	WINNEBAGO	46	21
STA. _____	TO STA. _____			
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

PATCHING SCHEDULE

STATION	WIDTH OF LANE	LENGTH OF PATCH		44200970 CLASS B PATCH TYPE II, 10 INCH		44200974 CLASS B PATCH TYPE III, 10 INCH		44200976 CLASS B PATCH TYPE IV, 10 INCH		44002214 HMA RM OV PATCH 3 1/2		40601005 HMA REPL OVER PATCH		44213200 SAWING	Z0017100 DOWEL BARS	Z0075300 TIE BARS	44213100 PAVEMENT FABRIC
		LT LANE	RT LANE	LT LANE	RT LANE	LT LANE	RT LANE	LT LANE	RT LANE	LT LANE	RT LANE	LT LANE	RT LANE	(3W+fL)			
	FT	FT	FT	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	TONS	TONS	(feet)	(each)	(each)	SQ YD
EB																	
279 + 29	12	8	8	10.7	10.7					12.00	12.00	2.35	2.35	96	40		
279 + 96	12	8	8	10.7	10.7					12.00	12.00	2.35	2.35	96	40		
288 + 26	12		8		10.7						12.00		2.35	52	20		
297 + 4	12	8	8	10.7	10.7					12.00	12.00	2.35	2.35	96	40		
303 + 15	12	30	30					40.0	40.0	41.33	41.33	8.10	8.10	162	40	14	80.0
317 + 11	12	8	8	10.7	10.7					12.00	12.00	2.35	2.35	96	40		
318 + 11	12	12	12			16.0	16.0			17.33	17.33	3.40	3.40	108	40		32.0
336 + 19	12	10	10	13.3	13.3					14.67	14.67	2.87	2.87	102	40		
341 + 70	12	15	12			20.0	16.0			21.33	17.33	4.18	3.40	114	40		36.0
343 + 43	12	6		8.0						9.33		1.83		48	20		
353 + 75	12	8	8	10.7	10.7					12.00	12.00	2.35	2.35	96	40		
359 + 80	12	31	31					41.3	41.3	42.67	42.67	8.36	8.36	165	40	15	82.7
376 + 21	12	10	10	13.3	13.3					14.67	14.67	2.87	2.87	102	40		
378 + 85	12	8		10.7						12.00		2.35		52	20		
395 + 11	12	8	8	10.7	10.7					12.00	12.00	2.35	2.35	96	40		
396 + 55	12		6		8.0						9.33		1.83	48	20		
403 + 44	12	8	8	10.7	10.7					12.00	12.00	2.35	2.35	96	40		
404 + 14	12	6	6	8.0	8.0					9.33	9.33	1.83	1.83	90	40		
406 + 56	12	6	6	8.0	8.0					9.33	9.33	1.83	1.83	90	40		
408 + 11	12	6	6	8.0	8.0					9.33	9.33	1.83	1.83	90	40		
410 + 97	12	6	6	8.0	8.0					9.33	9.33	1.83	1.83	90	40		
414 + 39	12	6	6	8.0	8.0					9.33	9.33	1.83	1.83	90	40		
417 + 33	12	8	8	10.7	10.7					12.00	12.00	2.35	2.35	96	40		
427 + 40	12		33						44.0		45.33		8.89	102	20	16	44.0
433 + 81	12	8	8	10.7	10.7					12.00	12.00	2.35	2.35	96	40		
483 + 43	12	8	8	10.7	10.7					12.00	12.00	2.35	2.35	96	40		
484 + 43	12	6	6	8.0	8.0					9.33	9.33	1.83	1.83	90	40		
488 + 53	12	6	6	8.0	8.0					9.33	9.33	1.83	1.83	90	40		
489 + 20	12	20	20					26.7	26.7	28.00	28.00	5.49	5.49	132	40	9	53.3
492 + 21	12	15	15			20.0	20.0			21.33	21.33	4.18	4.18	117	40		40.0
PAGE SUB-TOTAL				208.0	208.0	56.0	52.0	108.0	152.0	408.0	449.3	80.0	88.1	2894.0	1100.0	54.0	368.0
FULL DEPTH PAGE SUBTOTAL (40% of sub-total)				83.2	83.2	22.4	20.8	43.2	60.8								

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REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. HORIZ.
DATE

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CHECKED BY

CONTRACT NO. 64A21

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(2,3,4)RS	WINNEBAGO	46	22

STA. __________ TO STA. __________

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

PATCHING SCHEDULE

STATION	WIDTH OF LANE	LENGTH OF PATCH		44200970 CLASS B PATCH TYPE II, 10 INCH		44200974 CLASS B PATCH TYPE III, 10 INCH		44200976 CLASS B PATCH TYPE IV, 10 INCH		44002214 HMA RM OV PATCH 3 1/2		40601005 HMA REPL OVER PATCH		44213200 SAWING (3W+4L)	Z0017100 DOWEL BARS	Z0075300 TIE BARS	44213100 PAVEMENT FABRIC
		LT LANE	RT LANE	LT LANE	RT LANE	LT LANE	RT LANE	LT LANE	RT LANE	LT LANE	RT LANE	LT LANE	RT LANE				
	FT	FT	FT	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	TONS	TONS	(feet)	(each)	(each)	SQ YD
EB Continued																	
492 + 91	12	6	6	8.0	8.0					9.33	9.33	1.83	1.83	90	40		
497 + 74	12	6	6	8.0	8.0					9.33	9.33	1.83	1.83	90	40		
498 + 52	12	15	15			20.0	20.0			21.33	21.33	4.18	4.18	117	40		40.0
499 +	12	8	8	10.7	10.7					12.00	12.00	2.35	2.35	96	40		
500 + 2	12	6	6	8.0	8.0					9.33	9.33	1.83	1.83	90	40		
515 + 12	12	10	10	13.3	13.3					14.67	14.67	2.87	2.87	102	40		
515 + 91	12	6	6	8.0	8.0					9.33	9.33	1.83	1.83	90	40		
519 + 90	12	39	39					52.0	52.0	53.33	53.33	10.45	10.45	189	40	19	104.0
527 + 34	12	6	6	8.0	8.0					9.33	9.33	1.83	1.83	90	40		
528 + 16	12	8	8	10.7	10.7					12.00	12.00	2.35	2.35	96	40		
528 + 96	12	15	15			20.0	20.0			21.33	21.33	4.18	4.18	117	40		40.0
533 + 36	12	15	15			20.0	20.0			21.33	21.33	4.18	4.18	117	40		40.0
534 + 17	12	6	6	8.0	8.0					9.33	9.33	1.83	1.83	90	40		
534 + 96	12		6		8.0						9.33		1.83	48	20		
594 + 48	12	8	8	10.7	10.7					12.00	12.00	2.35	2.35	96	40		
601 + 8	12	8	8	10.7	10.7					12.00	12.00	2.35	2.35	96	40		
614 + 4	12	8	8	10.7	10.7					12.00	12.00	2.35	2.35	96	40		
631 + 70	12	8	8	10.7	10.7					12.00	12.00	2.35	2.35	96	40		
673 + 24	12	8	8	10.7	10.7					12.00	12.00	2.35	2.35	96	40		
696 + 24	12	6	6	8.0	8.0					9.33	9.33	1.83	1.83	90	40		
WB																	
296 + 22	12	8	8	10.7	10.7					12.00	12.00	2.35	2.35	96	40		
296 + 94	12	6	6	8.0	8.0					9.33	9.33	1.83	1.83	90	40		
316 + 30	12	6	6	8.0	8.0					9.33	9.33	1.83	1.83	90	40		
327 + 13	12	6	6	8.0	8.0					9.33	9.33	1.83	1.83	90	40		
336 + 7	12	8	8	10.7	10.7					12.00	12.00	2.35	2.35	96	40		
354 + 69	12	8	8	10.7	10.7					12.00	12.00	2.35	2.35	96	40		
367 + 69	12	8	8	10.7	10.7					12.00	12.00	2.35	2.35	96	40		
384 + 52	12	8	8	10.7	10.7					12.00	12.00	2.35	2.35	96	40		
391 + 59	12	8	8	10.7	10.7					12.00	12.00	2.35	2.35	96	40		
402 + 35	12	10	10	13.3	13.3					14.67	14.67	2.87	2.87	102	40		
PAGE SUB-TOTAL				245.3	253.3	60.0	60.0	52.0	52.0	396.0	405.3	77.6	79.4	2940.0	1180.0	19.0	224.0
FULL DEPTH PAGE SUBTOTAL (40% of sub-total)				98.1	101.3	24.0	24.0	20.8	20.8								

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

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PLOT SCALE = 50.0000 ' / IN.
USER NAME = nicklausle

CONTRACT NO. 64421

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	12,3,49BS	WINNEBAGO	46	23
STA. _____	TO STA. _____			
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

PATCHING SCHEDULE

STATION	WIDTH OF LANE	LENGTH OF PATCH		44200970 CLASS B PATCH TYPE II, 10 INCH		44200974 CLASS B PATCH TYPE III, 10 INCH		44200976 CLASS B PATCH TYPE IV, 10 INCH		44002214 HMA RM OV PATCH 3 1/2		40601005 HMA REPL OVER PATCH		44213200 SAWING (3W+ℓL)	Z0017100 DOWEL BARS	Z0075300 TIE BARS	44213100 PAVEMENT FABRIC
		LT LANE	RT LANE	LT LANE	RT LANE	LT LANE	RT LANE	LT LANE	RT LANE	LT LANE	RT LANE	LT LANE	RT LANE				
	FT	FT	FT	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	TONS	TONS	(feet)	(each)	(each)	SQ YD
WB Continued																	
404 + 17	12	37						49.3		50.67		9.93		110	20.00	18.00	49.33
411 + 57	12	8	8	10.7	10.7					12.00	12.00	2.35	2.35	96	40.00		
412 + 49	12		6		8.0						9.33		1.83	48	20.00		
418 + 23	12	8	8	10.7	10.7					12.00	12.00	2.35	2.35	96	40.00		
424 + 59	12		6		8.0						9.33		1.83	48	20.00		
435 + 58	12	8	8	10.7	10.7					12.00	12.00	2.35	2.35	96	40.00		
483 + 17	12	15	15			20.0	20.0			21.33	21.33	4.18	4.18	117	40.00		40.00
484 + 70	12	6	6	8.0	8.0					9.33	9.33	1.83	1.83	90	40.00		
489 + 2	12	6	6	8.0	8.0					9.33	9.33	1.83	1.83	90	40.00		
489 + 65	12	6	6	8.0	8.0					9.33	9.33	1.83	1.83	90	40.00		
490 + 14	12	8	8	10.7	10.7					12.00	12.00	2.35	2.35	96	40.00		
492 + 17	12	8	8	10.7	10.7					12.00	12.00	2.35	2.35	96	40.00		
492 + 33	12	6	6	8.0	8.0					9.33	9.33	1.83	1.83	90	40.00		
493 + 4	12	6	6	8.0	8.0					9.33	9.33	1.83	1.83	90	40.00		
497 + 90	12	6	6	8.0	8.0					9.33	9.33	1.83	1.83	90	40.00		
498 + 53	12	6	6	8.0	8.0					9.33	9.33	1.83	1.83	90	40.00		
498 + 84	12	6	6	8.0	8.0					9.33	9.33	1.83	1.83	90	40.00		
499 + 20	12	15	15			20.0	20.0			21.33	21.33	4.18	4.18	117	40.00		40.00
515 + 25	12	8	8	10.7	10.7					12.00	12.00	2.35	2.35	96	40.00		
516 + 13	12	6	6	8.0	8.0					9.33	9.33	1.83	1.83	90	40.00		
520 + 4	12	6	6	8.0	8.0					9.33	9.33	1.83	1.83	90	40.00		
520 + 35	12	6	6	8.0	8.0					9.33	9.33	1.83	1.83	90	40.00		
522 + 25	12	8	8	10.7	10.7					12.00	12.00	2.35	2.35	96	40.00		
528 + 30	12	8	8	10.7	10.7					12.00	12.00	2.35	2.35	96	40.00		
529 + 19	12	6	6	8.0	8.0					9.33	9.33	1.83	1.83	90	40.00		
533 + 15	12	20	20					26.7	26.7	28.00	28.00	5.49	5.49	132	40.00	9.00	53.33
535 + 31	12	8	8	10.7	10.7					12.00	12.00	2.35	2.35	96	40.00		
535 + 68	12	6		8.0						9.33		1.83		48	20.00		
576 + 51	12	8	8	10.7	10.7					12.00	12.00	2.35	2.35	96	40.00		
592 + 60	12	8	8	10.7	10.7					12.00	12.00	2.35	2.35	96	40.00		
607 + 92	12	8	8	10.7	10.7					12.00	12.00	2.35	2.35	96	40.00		
620 + 14	12	8	8	10.7	10.7					12.00	12.00	2.35	2.35	96	40.00		
PAGE SUB-TOTAL				242.7	250.7	40.0	40.0	76.0	26.7	398.7	357.3	78.1	70.0	2948.0	1200.0	27.0	182.7
FULL DEPTH PAGE SUBTOTAL (40% of sub-total)				97.1	100.3	16.0	16.0	30.4	10.7								

PLOT DATE = Mon Oct 16 13:45:24 2006
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PLOT SCALE = 50.0000 '/ IN.
USER NAME = nicklewis

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

PATCHING SCHEDULE

CONTRACT NO. 64A21

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	12,3,4)RS	WINNEBAGO	46	24
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

PATCHING SCHEDULE

STATION	WIDTH OF LANE	LENGTH OF PATCH		44200970 CLASS B PATCH TYPE II, 10 INCH		44200974 CLASS B PATCH TYPE III, 10 INCH		44200976 CLASS B PATCH TYPE IV, 10 INCH		44002214 HMA RM OV PATCH 3 1/2		40601005 HMA REPL OVER PATCH		44213200 SAWING	Z0017100 DOWEL BARS	Z0075300 TIE BARS	44213100 PAVEMENT FABRIC
		LT LANE	RT LANE	LT LANE	RT LANE	LT LANE	RT LANE	LT LANE	RT LANE	LT LANE	RT LANE	LT LANE	RT LANE				
	FT	FT	FT	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	TONS	TONS	(3W+FL) (feet)	(each)	(each)	SQ YD
WB Continued																	
636 + 82	12	8	8	10.7	10.7					12.00	12.00	2.35	2.35	96	40.00		
652 + 8	12	6	6	8.0	8.0					9.33	9.33	1.83	1.83	90	40.00		
669 + 92	12	6	6	8.0	8.0					9.33	9.33	1.83	1.83	90	40.00		
691 + 72	12	10		13.3						14.67		2.87		56	20.00		
706 + 29	12	6		8.0						9.33		1.83		48	20.00		
706 + 46	12		6		8.0						9.33		1.83	48	20.00		
EB RAMPS																	
336 + 19	10		11		12.2						13.33		2.61	52	16.00		
447 + 61	16		8		14.2						16.00		3.14	64	28.00		
568 + 80	16		14				24.9				26.67		5.23	76	28.00		24.89
666 + 85	16		8		14.2						16.00		3.14	64	28.00		
667 + 15	16		8		14.2						16.00		3.14	64	28.00		
696 + 24	12		6		8.0						9.33		1.83	48	20.00		
WB RAMPS																	
303 + 50	16	6		10.7						12.44		2.44		60	28.00		
547 + 13	16	8		14.2						16.00		3.14		64	28.00		
568 + 97	20	8				17.8				20.00		3.92		76	36.00		17.78
668 + 8	16	6		10.7						12.44		2.44		60	28.00		
685 + 14	12	8		10.7						12.00		2.35		52	20.00		
700 + 99	12	6		8.0						9.33		1.83		48	20.00		
PAGE SUB-TOTAL				102.2	97.6	17.8	24.9			136.9	137.3	26.8	26.9	1156.0	488.0		42.7
GRAND TOTAL				798.2	809.6	173.8	176.9	236.0	230.7	2688.9		527.0		9938.0	3968.0	100.0	817.3
FULL DEPTH PAGE SUBTOTAL (40% of sub-total)				40.9	39.0	7.1	10.0										
FULL DEPTH (40% of GRAND TOTAL)				643.1		140.3		186.7									

PLOT DATE = Mon Oct 16 13:45:15 2006
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PLOT SCALE = 50.0000 ' / IN.
USER NAME = nicklouale

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. HORIZ.
DRAWN BY
DATE
CHECKED BY

PATCHING SCHEDULE

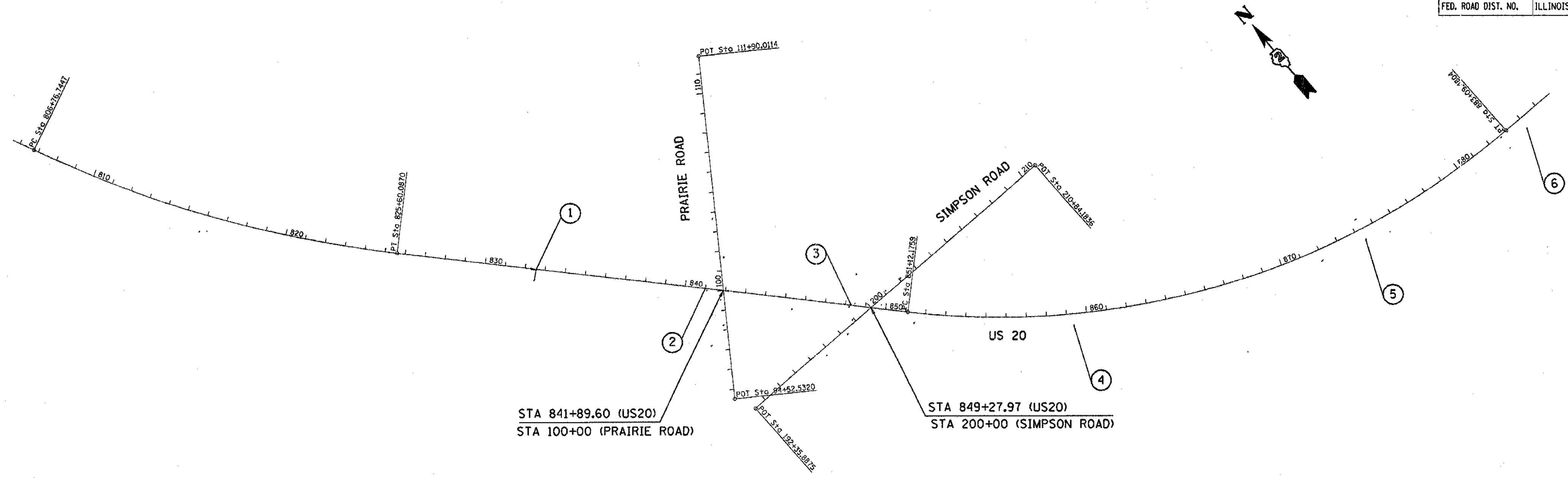
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(2,3,4) RS	WINNEBAGO	46	25

CONTRACT NO. 64A21

STA. TO STA.

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

```
Chain BYPASS20 contains:
 12 CUR 200 CUR 210 CUR 220 CUR 230 20

Beginning chain BYPASS20 description
==========================================================================

Point 12              X     2,560,295.9940 Y    2,045,155.7590
Sta  561+57.6646

Course from 12 to PC 200 131° 40' 27.8273" Dist 4,791.0678

                                   Curve Data
                                  *----------*
Curve 200
P.I.  Station          624+39.9871  X       2,564,988.4829
                                    Y       2,040,978.6639
Delta        =     42° 35' 57.7134" (LT)
Degree       =      1° 29' 52.6381"
Tangent      =          1,491.2547
Length       =          2,843.8347
Radius       =          3,824.9332
External     =            280.4236
Long Chord   =          2,778.7839
Mid. Ord.    =            261.2688
P.C.  Station          609+48.7324  X       2,563,874.6120
                                    Y       2,041,970.1941
P.T.  Station          637+92.5671  X       2,566,479.5433
                                    Y       2,041,002.7373
C.C.                                X       2,566,417.7973
                                    Y       2,044,827.1720
Back         = 131° 40' 27.8273"
Ahead        =  89° 04' 30.1138"
Chord Bear   = 110° 22' 28.9705"

Course from PT 200 to PC 210 89° 04' 30.1138" Dist 591.6257

                                   Curve Data
                                  *----------*
Curve 210
P.I.  Station          681+39.6603  X       2,570,826.0701
                                    Y       2,041,072.9126
Delta        =     66° 34' 11.3078" (RT)
Degree       =      1° 00' 05.7527"
Tangent      =          3,755.4675
Length       =          6,646.3601
Radius       =          5,720.4368
External     =          1,122.5840
Long Chord   =          6,278.7810
Mid. Ord.    =            938.4263
P.C.  Station          643+84.1928  X       2,567,071.0920
                                    Y       2,041,012.2879
P.T.  Station          710+30.5529  X       2,572,374.7934
                                    Y       2,037,651.6566
C.C.                                X       2,567,163.4372
                                    Y       2,035,292.5965
Back         =  89° 04' 30.1138"
Ahead        = 155° 38' 41.4216"
Chord Bear   = 122° 21' 35.7677"

Course from PT 210 to PC 220 155° 38' 41.4216" Dist 9,646.1918

                                   Curve Data
                                  *----------*
Curve 220
P.I.  Station          816+26.9622  X       2,576,744.6636
                                    Y       2,027,998.2570
Delta        =     18° 48' 22.5631" (LT)
Degree       =      0° 59' 54.8093"
Tangent      =            950.2175
Length       =          1,883.3423
Radius       =          5,737.8512
External     =             78.1483
Long Chord   =          1,874.8994
Mid. Ord.    =             77.0982
P.C.  Station          806+76.7447  X       2,576,352.8019
                                    Y       2,028,863.9115
P.T.  Station          825+60.0870  X       2,577,394.6659
                                    Y       2,027,305.1405
C.C.                                X       2,581,580.0227
                                    Y       2,031,230.1532
Back         = 155° 38' 41.4216"
Ahead        = 136° 50' 18.8585"
Chord Bear   = 146° 14' 30.1400"

Course from PT 220 to PC 230 136° 50' 18.8585" Dist 2,552.0889

                                   Curve Data
                                  *----------*
Curve 230
P.I.  Station          868+10.7737  X       2,580,302.3745
                                    Y       2,024,204.5650
Delta        =     47° 51' 45.4783" (LT)
Degree       =      1° 29' 49.0857"
Tangent      =          1,698.5978
Length       =          3,197.3045
Radius       =          3,827.4546
External     =            359.9841
Long Chord   =          3,105.1468
Mid. Ord.    =            329.0372
P.C.  Station          851+12.1759  X       2,579,140.4381
                                    Y       2,025,443.5720
P.T.  Station          883+09.4804  X       2,582,000.7010
                                    Y       2,024,234.9228
C.C.                                X       2,581,932.2957
                                    Y       2,028,061.7661
Back         = 136° 50' 18.8585"
Ahead        =  88° 58' 33.3802"
Chord Bear   = 112° 54' 26.1194"

Course from PT 230 to 20 88° 58' 33.3802" Dist 16,325.6225

Point 20              X     2,598,323.7160 Y    2,024,526.6990
Sta 1046+35.1029

==========================================================================
Ending chain BYPASS20 description
```



BENCH MARKS

Point#	North(Y)	East(X)	Elev(Z)	Station	Offset	Description
401	2026820.4980	2577850.8440	769.7970	832+25.6509	-1.2270	DROP BOX
402	2026169.3780	2578445.7960	765.0950	841+07.5775	10.2002	TOP OF WINGWALL
403	2025645.2320	2578965.1680	758.4290	848+45.1846	-10.0996	TOP OF WINGWALL
430	2025556.5130	2579062.0690	737.4000	849+76.1845	-20.0932	PIER
490	2020944.1400	2583215.2100	709.2690	894+64.9816	3311.9633	TOP OF WINGWALL
491	2021742.0040	2589139.4390	738.5500	954+02.5240	2620.1062	WALL
492	2018253.6990	2586291.6860	725.1760	924+92.8819	6056.9582	SIGN FOUNDATION
493	2018943.2360	2583485.9290	706.2460	896+99.8966	5317.3860	WALL
494	2019904.7820	2583258.3790	708.0470	894+89.5680	4351.9268	WALL
495	2020982.2460	2583214.4720	709.7900	894+64.9247	3273.8501	TOP OF WINGWALL
496	2021652.3010	2583221.8200	718.3200	894+84.2470	2604.0335	FIRE HYDRANT
497	2028021.8090	2576714.7190	770.5700	815+82.7545	90.0688	SIGN FOUNDATION
498	2037893.2630	2572195.2010	806.3740	707+33.3262	56.3294	WALL
499	2038901.3390	2571620.7240	801.0380	695+68.9458	-14.5809	WALL
8912	2020156.1370	2583197.5360	707.8600	894+33.2270	4099.5245	TOPO SURVEY POINT
65723043	2032951.3280	2574598.3060	791.7010	762+29.5416	-87.2588	DISTRICT NETWORK MONUMENT
65723044	2037014.3890	2572667.0590	805.8400	717+31.6358	-3.4521	DISTRICT NETWORK MONUMENT
68697362	2024378.8760	2582292.5610	742.9530	886+03.8665	-138.7140	GPS CONTROL POINT
78720596	2021840.3650	2590379.5300	737.8200	966+44.1749	2543.9242	N.G.S. MONUMENT

CURVE POINT

Point#	North(Y)	East(X)	Elev(Z)	Station	Offset	Description
200	2040978.6639	2564988.4829	0.0000	623+70.6497	280.4236	PI
201	2044827.1720	2566417.7973	0.0000	609+48.7324	-3824.9332	RADIUS PT
202	2041970.1941	2563874.6120	0.0000	609+48.7324	0.0000	PC
203	2041002.7373	2566479.5433	0.0000	637+92.5671	-0.0000	PT
210	2041072.9126	2570826.0701	0.0000	677+07.3728	-1122.5840	PI
211	2035292.5965	2567163.4372	0.0000	643+84.1928	5720.4368	RADIUS PT
212	2041012.2879	2567071.0920	0.0000	643+84.1928	0.0000	PC
213	2037651.6566	2572374.7934	0.0000	710+30.5529	0.0000	PT
220	2027998.2570	2576744.6636	0.0000	816+18.4158	78.1483	PI
221	2031230.1532	2581580.0227	0.0000	806+76.7447	-5737.8512	RADIUS PT
222	2028863.9115	2576352.8019	0.0000	806+76.7447	0.0000	PC
223	2027305.1405	2577394.6659	0.0000	825+60.0870	0.0000	PT
230	2024204.5650	2580302.3745	0.0000	867+10.8281	359.9841	PI
231	2028061.7661	2581932.2957	0.0000	851+12.1759	-3827.4546	RADIUS PT
232	2025443.5720	2579140.4381	0.0000	851+12.1759	0.0000	PC
233	2024234.9228	2582000.7010	0.0000	883+09.4804	-0.0000	PT

SURVEY WORK POINTS

Point#	North(Y)	East(X)	Elev(Z)	Station	Offset	Description
100	2025599.3140	2579221.9430	731.6520	850+54.3270	-165.9883	TOPO SURVEY POINT
101	2025536.3370	2578690.1600	757.0700	847+36.4948	264.9896	TOPO SURVEY POINT
102	2025550.6660	2578840.4540	745.8320	848+28.8524	145.5589	TOPO SURVEY POINT
103	2025382.3410	2579127.9680	755.3080	851+47.8333	51.1498	TOPO SURVEY POINT
104	2025825.9970	2578708.9000	760.7250	845+38.0276	53.1764	TOPO SURVEY POINT
105	2026245.6090	2578618.8040	736.0290	841+70.3195	-168.1432	TOPO SURVEY POINT
106	2026430.4760	2578702.2120	735.3570	840+92.5279	-355.4428	TOPO SURVEY POINT
107	2025941.4930	2578284.7950	753.6880	841+63.6697	283.5252	TOPO SURVEY POINT
108	2025598.2360	2579124.9660	733.0510	849+88.7756	-94.5130	TOPO SURVEY POINT
109	2025756.1820	2579067.9930	727.7320	848+34.5925	-160.9992	TOPO SURVEY POINT

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, AND BENCHMARKS

SCALE: VERT. HORIZ. NONE

DATE 9/27/06

DRAWN BY AJP

CHECKED BY SPF

PLOT DATE = Mon Oct 16 14:00:44 2006

CONTRACT NO. 64A21

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(2,3,4) RS	WINNEBAGO	46	26
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

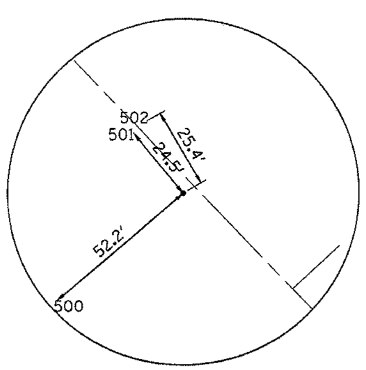
REFERENCE TIES

Point#	North(Y)	East(X)	Elev(Z)	Station	Offset	Description
500	2026762.0360	2577827.0260	771.8720	832+52.0019	56.1378	STEEL PLATE BEAM GUARDRAIL
501	2026815.0740	2577851.1330	769.6900	832+29.8050	2.2725	DROP BOX
502	2026818.0500	2577853.8680	769.7490	832+29.5051	-1.7582	DROP BOX
503	2026187.2570	2578455.0140	763.6940	841+00.8416	-8.7539	TOP OF WINGWALL
504	2026169.7790	2578446.2570	762.4460	841+07.6003	9.5897	TOP OF WINGWALL
505	2026208.9010	2578422.6050	761.7390	840+62.8843	0.0805	DROP BOX
506	2025651.6440	2578932.9020	757.5530	848+18.4357	9.0500	TOP OF WINGWALL
507	2025645.3680	2578965.0870	756.8820	848+45.0300	-10.1335	TOP OF WINGWALL
508	2025677.7850	2578921.8520	755.4660	847+91.8089	-0.7717	DROP BOX
509	2024899.6410	2579774.6560	734.4940	859+49.2911	0.6577	PIPE CULVERT
510	2024858.0370	2579838.7330	732.4240	860+25.6814	-0.3297	PIPE CULVERT
511	2024321.0880	2580881.8990	730.5210	871+93.2907	57.9033	STEEL PLATE BEAM GUARDRAIL
512	2024373.7470	2581140.9170	731.7580	874+32.0409	-55.4836	STEEL PLATE BEAM GUARDRAIL
513	2024215.6300	2581232.8900	729.8540	875+52.5861	81.7565	SIGN POLE
514	2024154.6260	2581958.5160	738.4750	882+66.7566	79.7735	SIGN FOUNDATION
515	2024224.4120	2581958.1200	739.2490	882+66.8287	9.9864	SIGN FOUNDATION

HORIZONTAL CONTROL POINT

Point#	North(Y)	East(X)	Elev(Z)	Station	Offset	Description
1	2026796.1010	2577866.6320	770.0870	832+54.2466	3.9457	TOPO SURVEY POINT
2	2026181.9620	2578448.1190	764.6190	840+99.9874	-0.1024	TOPO SURVEY POINT
3	2025653.2160	2578946.8690	758.0010	848+26.8433	-2.2133	TOPO SURVEY POINT
4	2024863.6570	2579727.9870	738.1380	859+31.2896	56.7285	TOPO SURVEY POINT
5	2024264.2120	2581116.4260	731.8370	874+31.0901	56.7519	TOPO SURVEY POINT
6	2024177.8740	2582086.6570	741.7640	883+94.4031	58.5759	TOPO SURVEY POINT
21	2035947.8670	2573078.8440	800.5590	728+73.0612	61.2337	TOPO SURVEY POINT
23	2025982.1260	2578397.0200	748.8460	842+10.7990	173.8698	TOPO SURVEY POINT
27	2026100.2640	2578526.8230	741.0960	842+13.4183	-1.6254	TOPO SURVEY POINT
28	2026171.6370	2578526.1760	739.3400	841+60.9141	-49.9766	TOPO SURVEY POINT
29	2026089.0300	2578467.6690	743.0180	841+81.1480	49.2080	TOPO SURVEY POINT
30	2025562.0180	2579030.4720	735.8630	849+50.5549	-0.8112	TOPO SURVEY POINT
31	2025595.4340	2579069.1230	734.7070	849+52.6198	-51.8628	TOPO SURVEY POINT
32	2025592.1480	2578904.3140	741.3090	848+42.2780	70.6015	TOPO SURVEY POINT

N



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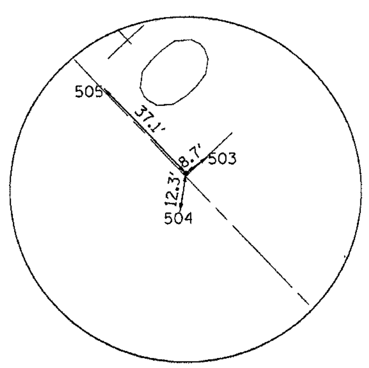

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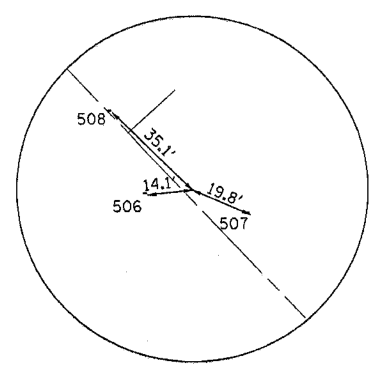

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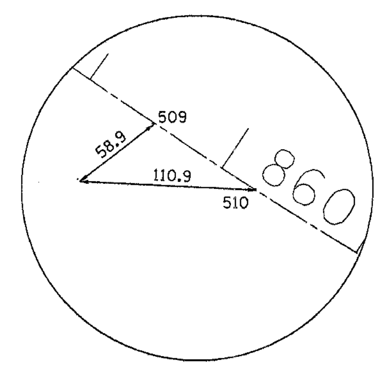

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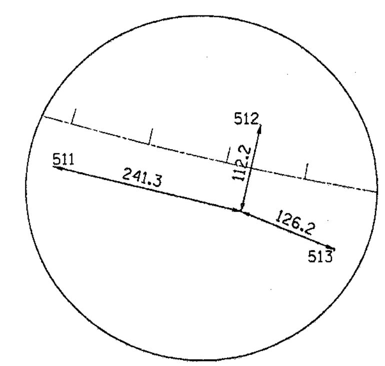

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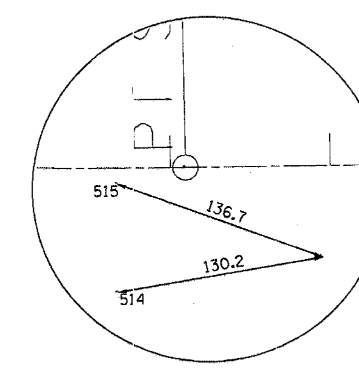

HORIZONTAL CONTROL POINT No.6

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, AND BENCHMARKS

SCALE: VERT. HORIZ. NONE

DATE 9/27/06

DRAWN BY AJP

CHECKED BY SPF

PLOT DATE = Mon Oct 16 14:01:00 2006
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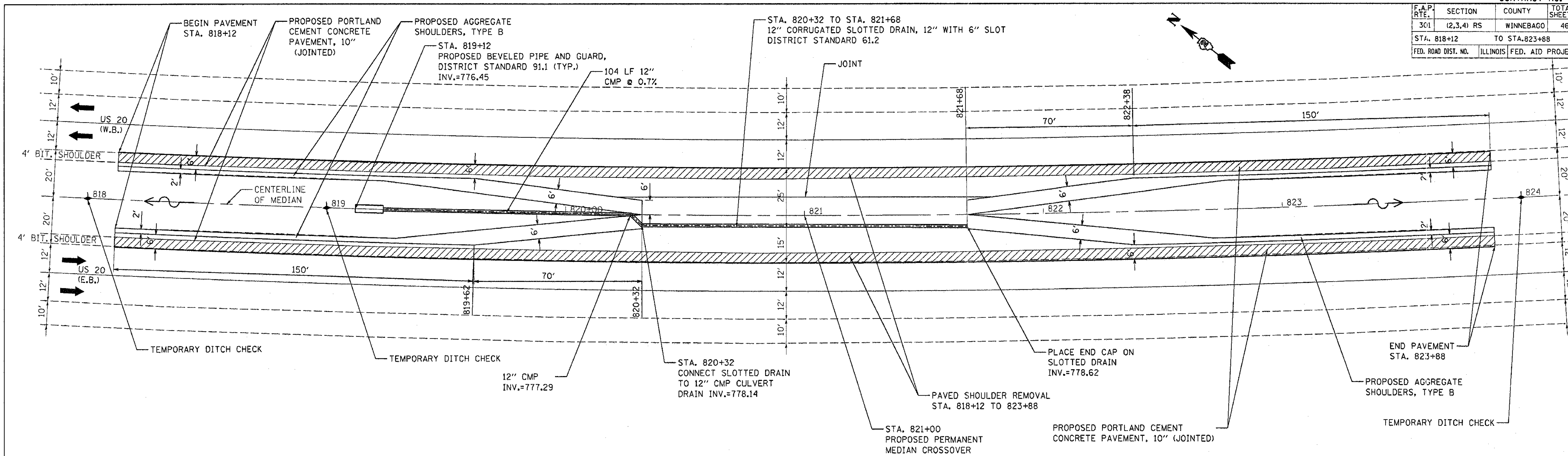
PLOT SCALE = 333.0000 ' / IN.
USER NAME = nicklausle

CONTRACT NO. 64A21

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(2,3,4) RS	WINNEBAGO	46	27
STA. 818+12	TO STA.823+88			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



CROSSOVER # 1 WESTBOUND PAVEMENT STA / OFFSETS AND ELEVATIONS									
		EXISTING EDGE				PROPOSED			
	LOCATION	OF PAVEMENT				EDGE OF PAVEMENT			
						PROPOSED			
	STATION	OFFSET		ELEV.		CROSS	OFFSET		ELEV.
WESTBOUND						SLOPE			
START PAVEMENT	818+12	20	LT	778.98		-2.00%	14.00	LT	778.86
	818+50	20	LT	779.31		-2.00%	14.00	LT	779.19
	819+00	20	LT	779.71		-2.00%	14.00	LT	779.59
	819+12	20	LT	779.80		-2.00%	14.00	LT	779.68
	819+50	20	LT	780.02		-2.00%	14.00	LT	779.90
START TAPER	819+62	20	LT	780.09		-2.00%	14.00	LT	779.97
	820+00	20	LT	780.29		-2.54%	9.77	LT	780.03
START DRAIN	820+32	20	LT	780.46		-3.30%	-5.00	RT	779.64
	820+50	20	LT	780.56		-3.50%	-5.00	RT	779.69
AT CROSSOVER	821+00	20	LT	780.76		-3.50%	-5.00	RT	779.89
	821+50	20	LT	780.88		-3.16%	-5.00	RT	780.09
END DRAIN	821+68	20	LT	780.88		-3.04%	-5.00	RT	780.12
	822+00	20	LT	780.89		-2.58%	9.77	LT	780.63
END TAPER	822+38	20	LT	780.90		-2.00%	14.00	LT	780.78
	822+50	20	LT	780.87		-2.00%	14.00	LT	780.75
	823+00	20	LT	780.73		-2.00%	14.00	LT	780.61
	823+50	20	LT	780.60		-2.00%	14.00	LT	780.48
END PAVEMENT	823+88	20	LT	780.50		-2.00%	14.00	LT	780.38

CROSSOVER # 1 EASTBOUND PAVEMENT STA / OFFSETS AND ELEVATIONS									
		EXISTING EDGE				PROPOSED			
	LOCATION	OF PAVEMENT				EDGE OF PAVEMENT			
	STATION	OFFSET		ELEV.		PROPOSED	OFFSET		ELEV.
						CROSS			
EASTBOUND						SLOPE			
START PAVEMENT	818+12	20	RT	778.34		-2.00%	14.00	RT	778.22
	818+50	20	RT	778.66		-2.00%	14.00	RT	778.54
	819+00	20	RT	779.05		-2.00%	14.00	RT	778.93
	819+12	20	RT	779.15		-2.00%	14.00	RT	779.03
	819+50	20	RT	779.39		-2.00%	14.00	RT	779.27
START TAPER	819+62	20	RT	779.46		-2.00%	14.00	RT	779.34
	820+00	20	RT	779.67		-1.46%	9.54	RT	779.52
START DRAIN	820+32	20	RT	779.79		-1.00%	5.00	RT	779.64
	820+50	20	RT	779.85		-1.00%	5.00	RT	779.70
AT CROSSOVER	821+00	20	RT	780.04		-1.00%	5.00	RT	779.89
	821+50	20	RT	780.24		-1.00%	5.00	RT	780.09
END DRAIN	821+68	20	RT	780.27		-1.00%	5.00	RT	780.12
	822+00	20	RT	780.31		-1.46%	9.55	RT	780.16
END TAPER	822+38	20	RT	780.35		-2.00%	14.00	RT	780.23
	822+50	20	RT	780.34		-2.00%	14.00	RT	780.22
	823+00	20	RT	780.26		-2.00%	14.00	RT	780.14
	823+50	20	RT	780.10		-2.00%	14.00	RT	779.98
END PAVEMENT	823+88	20	RT	779.94		-2.00%	14.00	RT	779.82

NOTES

1. CROSSOVER TO BE CLOSED ACCORDING TO DISTRICT STANDARD 98.4.
2. PRICE BID FOR CONTRACT ITEMS SHALL TO BE CONSIDERED FULL COMPENSATION FOR FURNISHING ALL NECESSARY MATERIALS AND LABOR TO CONSTRUCT THE MEDIAN CROSSOVER AS DETAILED HEREIN.
3. ALL JOINTS SHALL BE SEALED.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

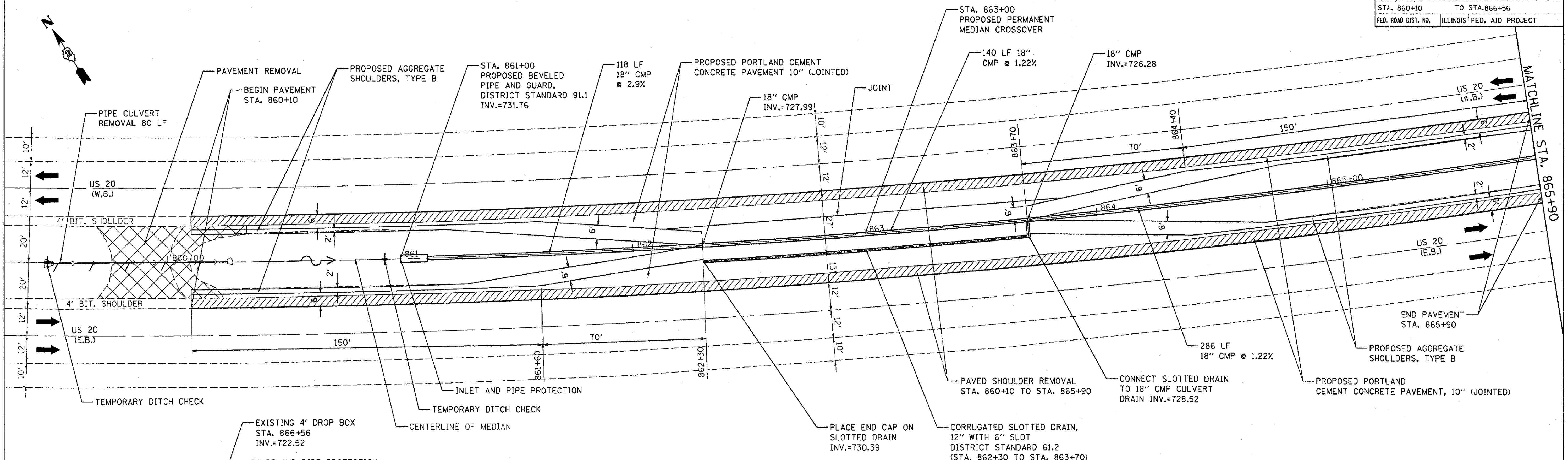
US 20 CROSSOVER 1
PLAN

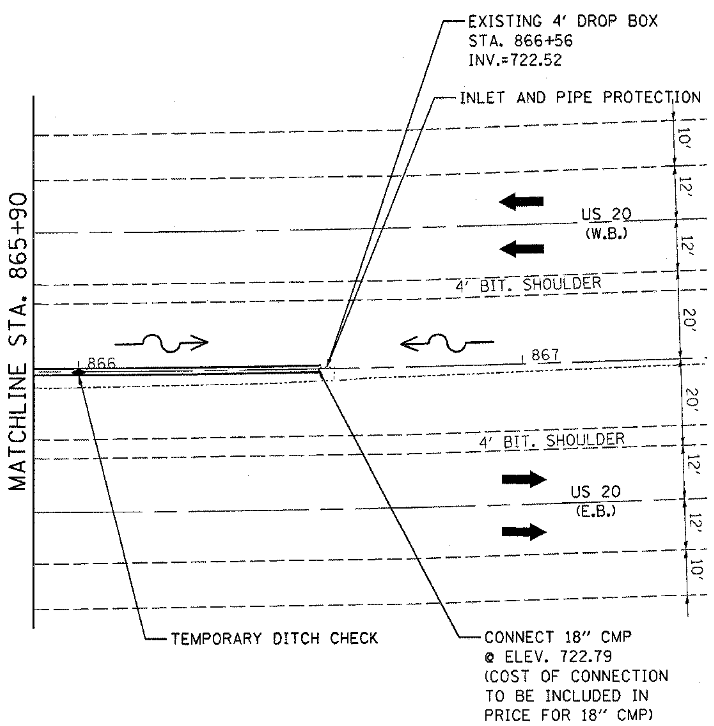
SCALE: VERT. HORIZ. 1"=20'
DATE 9/27/06

DRAWN BY AJP
CHECKED BY DCZ

CONTRACT NO. 64A21

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(2,3,4) RS	WINNEBAGO	46	28
STA. 860+10	TO STA.866+56			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





CROSSOVER # 2 WESTBOUND PAVEMENT STA / OFFSETS AND ELEVATIONS									
		EXISTING EDGE				PROPOSED			
	LOCATION	OF PAVEMENT				EDGE OF PAVEMENT			
	STATION	OFFSET		ELEV.		PROPOSED	OFFSET		ELEV.
						CROSS			
WESTBOUND						SLOPE			
START PAVEMENT	860+10	20	LT	737.00		-2.00%	14.00	LT	736.88
	860+50	20	LT	736.06		-2.00%	14.00	LT	735.94
	861+00	20	LT	734.98		-2.00%	14.00	LT	734.86
	861+50	20	LT	733.97		-2.00%	14.00	LT	733.85
START TAPER	861+60	20	LT	733.78		-2.00%	14.00	LT	733.66
	862+00	20	LT	733.01		-2.17%	9.59	LT	732.78
START DRAIN	862+30	20	LT	732.51		-2.30%	-7.00	RT	731.89
	862+50	20	LT	732.18		-2.30%	-7.00	RT	731.56
AT CROSSOVER	863+00	20	LT	731.44		-2.19%	-7.00	RT	730.85
	863+50	20	LT	730.79		-2.11%	-7.00	RT	730.22
END DRAIN	863+70	20	LT	730.59		-2.11%	-7.00	RT	730.02
	864+00	20	LT	730.32		-2.11%	9.59	LT	730.10
END TAPER	864+40	20	LT	729.98		-2.00%	14.00	LT	729.86
	864+50	20	LT	729.93		-2.00%	14.00	LT	729.81
	865+00	20	LT	729.66		-2.00%	14.00	LT	729.54
	865+50	20	LT	729.45		-2.00%	14.00	LT	729.33
	865+90	20	LT	729.31		-2.00%	14.00	LT	729.19

CROSSOVER # 2 EASTBOUND PAVEMENT STA / OFFSETS AND ELEVATIONS									
		EXISTING EDGE				PROPOSED			
	LOCATION	OF PAVEMENT				EDGE OF PAVEMENT			
	STATION	OFFSET		ELEV.		PROPOSED	OFFSET		ELEV.
						CROSS			
EASTBOUND						SLOPE			
START PAVEMENT	860+10	20	RT	736.58		-2.00%	14.00	RT	736.46
	860+50	20	RT	735.65		-2.00%	14.00	RT	735.53
	861+00	20	RT	735.55		-2.00%	14.00	RT	735.43
	861+50	20	RT	733.53		-2.00%	14.00	RT	733.41
START TAPER	861+60	20	RT	733.34		-2.00%	14.00	RT	733.22
	862+00	20	RT	732.57		-1.83%	9.27	RT	732.37
START DRAIN	862+30	20	RT	732.10		-1.70%	7.00	RT	731.88
	862+50	20	RT	731.78		-1.70%	7.00	RT	731.56
AT CROSSOVER	863+00	20	RT	731.07		-1.70%	7.00	RT	730.85
	863+50	20	RT	730.44		-1.70%	7.00	RT	730.22
END DRAIN	863+70	20	RT	730.24		-1.70%	7.00	RT	730.02
	864+00	20	RT	729.98		-1.83%	9.27	RT	729.78
END TAPER	864+40	20	RT	729.65		-2.00%	14.00	RT	729.53
	864+50	20	RT	729.59		-2.00%	14.00	RT	729.47
	865+00	20	RT	729.28		-2.00%	14.00	RT	729.16
	865+50	20	RT	729.05		-2.00%	14.00	RT	728.93
	865+90	20	RT	729.90		-2.00%	14.00	RT	729.78

NOTES

1. CROSSOVER TO BE CLOSED ACCORDING TO DISTRICT STANDARD 87.4.
2. PRICE BID FOR CONTRACT ITEMS SHALL TO BE CONSIDERED FULL COMPENSATION FOR FURNISHING ALL NECESSARY MATERIALS AND LABOR TO CONSTRUCT THE MEDIAN CROSSOVER AS DETAILED HEREIN.
3. ALL JOINTS SHALL BE SEALED.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

US 20 CROSSOVER 2
PLAN

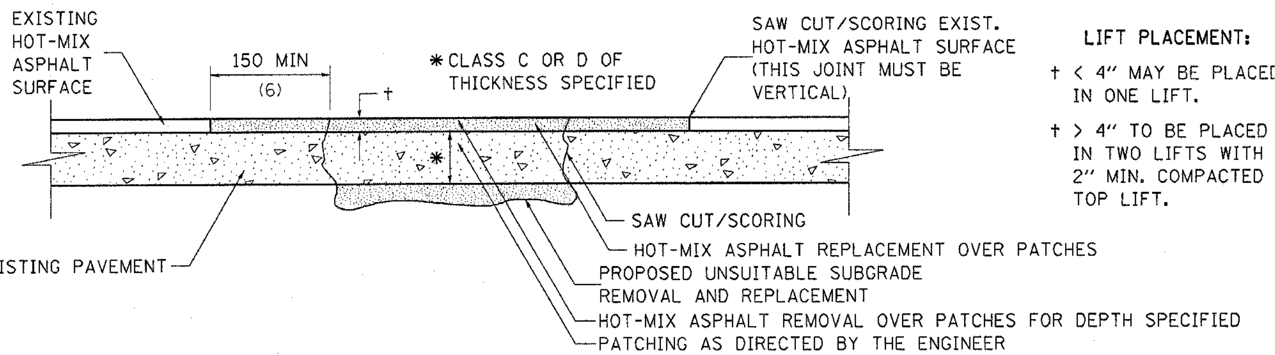
SCALE: VERT. HORIZ. 1"=20'
DATE 9/27/06

DRAWN BY AJP
CHECKED BY DCZ

PLOT DATE = Mon Oct 16 14:04:59 2006
FILE NAME = P:\Excel\US20cunninghamtol39\9-28-06filesfromk...
PLOT SCALE = 20.0000 ' / IN.
USER NAME = nicklausle

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(2,3,4)RS	WINNEBAGO	46	29
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PAVEMENT PATCHING FOR HOT-MIX ASPHALT SURFACED PAVEMENT



LIFT PLACEMENT:

† < 4" MAY BE PLACED IN ONE LIFT.

† > 4" TO BE PLACED IN TWO LIFTS WITH 2" MIN. COMPACTED TOP LIFT.

SEQUENCE OF CONSTRUCTION:

1. REMOVE THE EXISTING HOT-MIX ASPHALT SURFACE.
2. RESIDENT ENGINEER WILL DETERMINE IF LOCATION IS TO BE PATCHED OR TO ONLY REPLACE HOT-MIX ASPHALT SURFACE.
3. REMOVE AND REPLACE FULL DEPTH PATCHES AT LOCATIONS DIRECTED BY THE ENGINEER.
4. REPLACE HOT-MIX ASPHALT SURFACE OVER FULL DEPTH PATCHES AND AT LOCATIONS OF HOT-MIX ASPHALT SURFACE REMOVAL.

GENERAL NOTES:

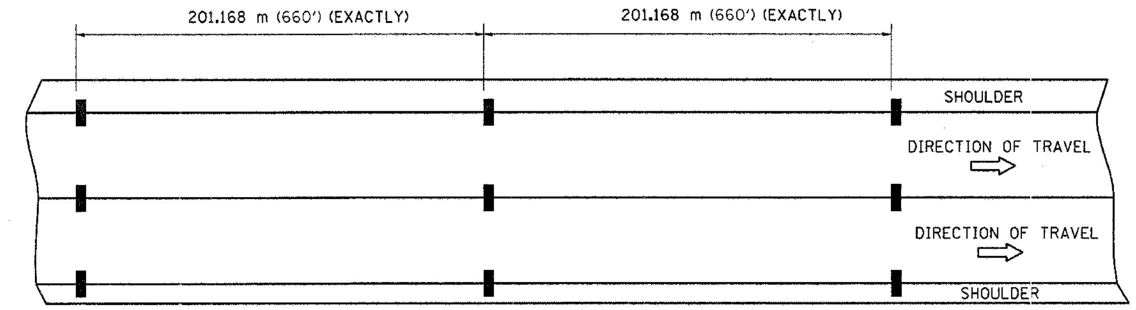
1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 300 (12) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR BASIS OF PAYMENT: SEE SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

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

PAVEMENT PATCHING FOR HOT-MIX ASPHALT SURFACED PAVEMENT 32.4

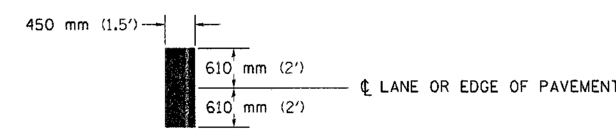
REVISED 10-10-06

AERIAL SPEED CHECK ZONES



ALWAYS USE PREFORMED THERMOPLASTIC PAVEMENT MARKINGS

PAVEMENT MARKING DETAIL



POLICE AERIAL SPEED CHECK ZONES

ESTABLISHED ZONES AND NEW ZONES REQUESTED BY THE ILLINOIS STATE POLICE SHALL BE MARKED CONSISTENT WITH THE REQUIREMENTS OF SECTION 3B-23 OF THE MUTCD. WHEN NEW ZONES ARE PLACED IT WILL BE NECESSARY TO HAVE A REPRESENTATIVE OF THE STATE POLICE PRESENT SO THAT THE ACCURACY OF THE MEASURMENT CAN BE ATTESTED TO IN COURT.

AERIAL SPEED CHECK ZONES 46.4

REVISED 2-7-05

TYPICAL MEDIAN CROSSOVER CLOSURE
(WITH EMERGENCY OPENING)

GENERAL NOTES

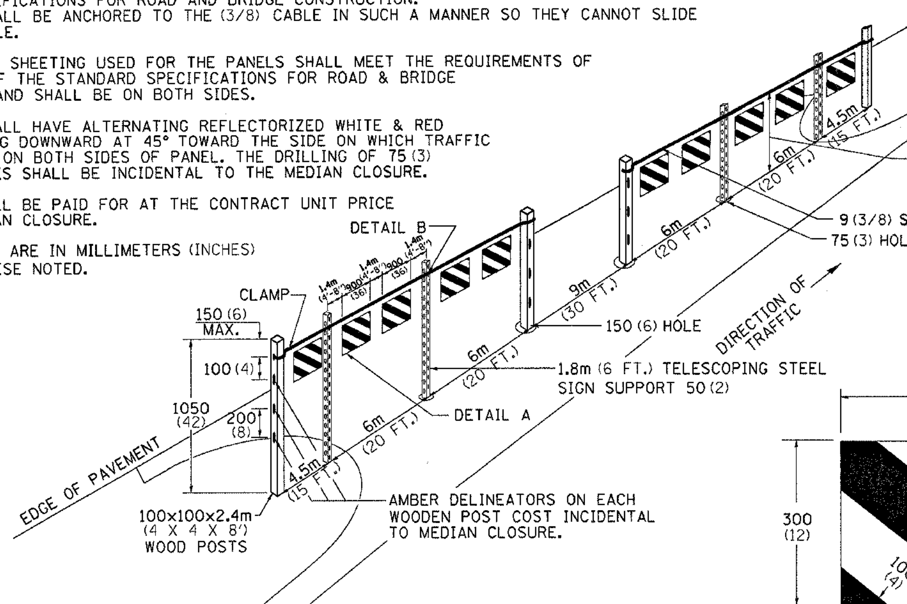
WOOD POSTS, CABLE, AND SIGN SUPPORTS SHALL BE IN ACCORDANCE WITH SECTION 634 & 636 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. THE PANELS SHALL BE ANCHORED TO THE (3/8) CABLE IN SUCH A MANNER SO THEY CANNOT SLIDE ALONG THE CABLE.

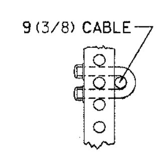
THE REFLECTIVE SHEETING USED FOR THE PANELS SHALL MEET THE REQUIREMENTS OF SECTION 1091 OF THE STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION AND SHALL BE ON BOTH SIDES.

ALL PANELS SHALL HAVE ALTERNATING REFLECTORIZED WHITE & RED STRIPES SLOPING DOWNWARD AT 45° TOWARD THE SIDE ON WHICH TRAFFIC WILL PASS AND ON BOTH SIDES OF PANEL. THE DRILLING OF 75 (3) AND 100 (4) HOLES SHALL BE INCIDENTAL TO THE MEDIAN CLOSURE.

THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR MEDIAN CLOSURE.

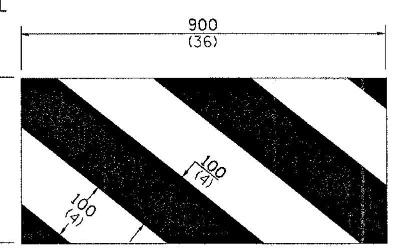
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.





DETAIL B

OM-3R 300x900 (12 X 36)

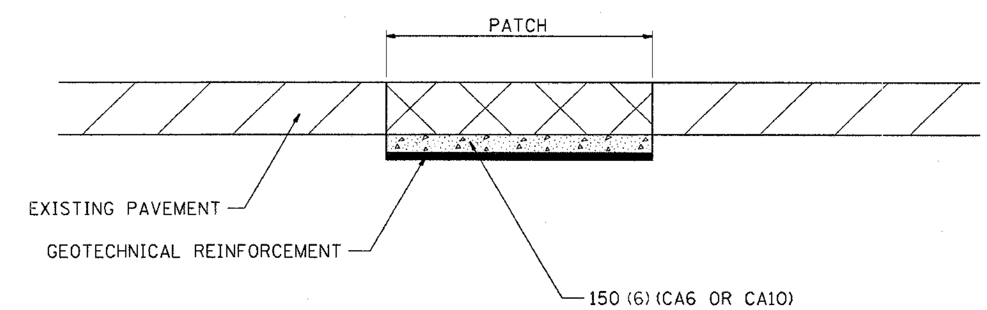


DETAIL A

TYPICAL MEDIAN CROSSOVER CLOSURE (WITH EMERGENCY OPENING) 87.4

REVISED 10-10-06

SUBGRADE REPLACEMENT



NOTES:

GRANULAR SUBGRADE REPLACEMENT and per m² (SQ. YD.) for

³ (CU. YD.)

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

SUBGRADE REPLACEMENT 97.4

REVISED 4-23-93

CONTRACT NO. 64A21

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(2,3,4)RS	WINNEBAGO	46	30
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TYPICAL MEDIAN CROSSOVER CLOSURE

GENERAL NOTES

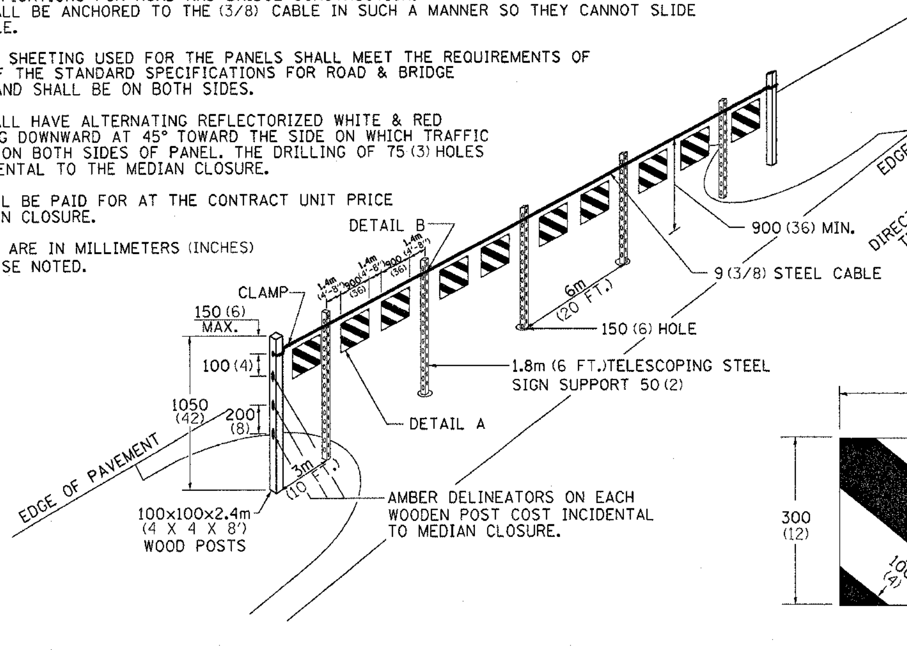
WOOD POSTS, CABLE, AND SIGN SUPPORTS SHALL BE IN ACCORDANCE WITH SECTION 634 & 636 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
THE PANELS SHALL BE ANCHORED TO THE (3/8) CABLE IN SUCH A MANNER SO THEY CANNOT SLIDE ALONG THE CABLE.

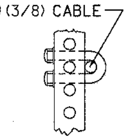
THE REFLECTIVE SHEETING USED FOR THE PANELS SHALL MEET THE REQUIREMENTS OF SECTION 1091 OF THE STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION AND SHALL BE ON BOTH SIDES.

ALL PANELS SHALL HAVE ALTERNATING REFLECTORIZED WHITE & RED STRIPES SLOPING DOWNWARD AT 45° TOWARD THE SIDE ON WHICH TRAFFIC WILL PASS AND ON BOTH SIDES OF PANEL. THE DRILLING OF 75 (3) HOLES SHALL BE INCIDENTAL TO THE MEDIAN CLOSURE.

THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR MEDIAN CLOSURE.

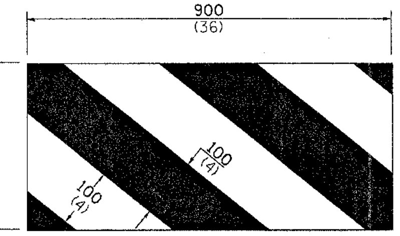
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.





DETAIL B

OM-3R 300x900 (12 X 36)

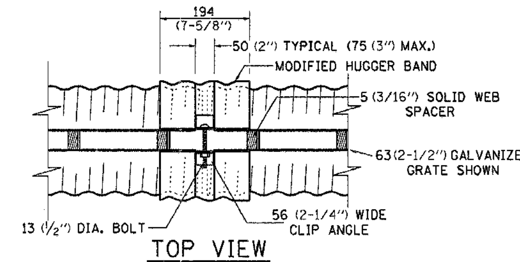


DETAIL A

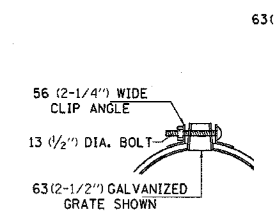
TYPICAL MEDIAN CROSSOVER CLOSURE 98.4

REVISED 10-10-06

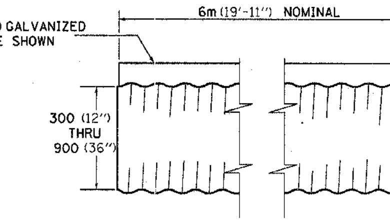
SLOTTED DRAIN PIPE



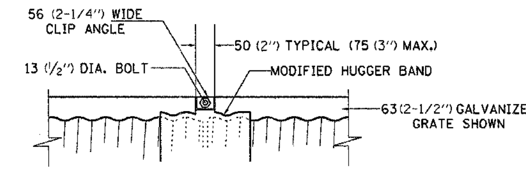
TOP VIEW



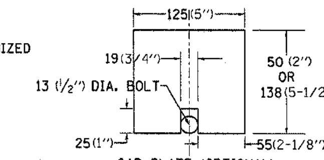
END VIEW



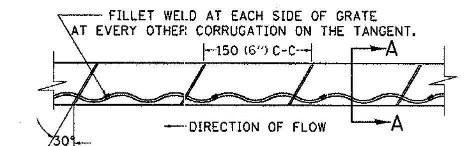
TYPICAL PIPE SECTION



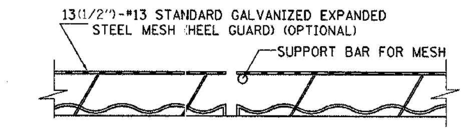
SIDE VIEW



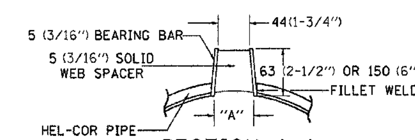
GAP PLATE (OPTIONAL)
MAY BE PLACED DIRECTLY OVER BAND BOLT TO PROVIDE CONTINUOUS FORM FOR GROUTING.



GRATE WELDING DETAIL



SECTION B-B

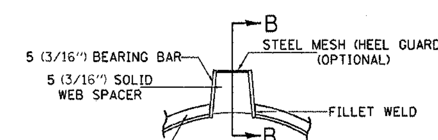


SECTION A-A
STANDARD DETAIL

STANDARD SIZES						
GAGE OF PIPE	DIAMETER OF PIPE					
	300 (12")	375 (15")	450 (18")	600 (24")	750 (30")	900 (36")
16	X	X	X	X	X	X
14	X	X	X	X	X	X
12	N.A.	N.A.	N.A.	N.A.	X	X

GRATE TYPE		"A"
VERT	63 (2-1/2")	44 (1-3/4")
VERT	150 (6")	44 (1-3/4")
TRAP	63 (2-1/2")	56 (2-1/4")
TRAP	150 (6")	75 (3")

VERT = VERTICAL
TRAP = TRAPIZOIDAL



SECTION A-A
DETAIL WITH MESH

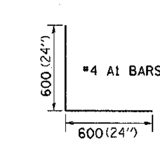
(TRAPEZOIDAL GALVANIZED GRATE SHOWN)

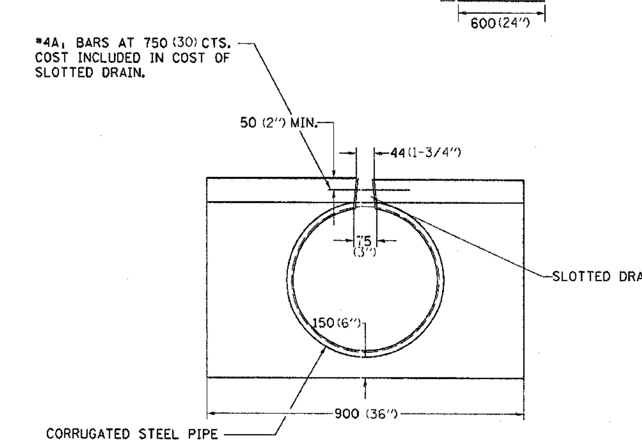
SLOTTED DRAIN NOTES

1. GRATING IS AVAILABLE IN DEPTHS OF 63 (2-1/2") AND 150 (6").
2. VERTICAL GRATING (STRAIGHT SIDES) WITH VERTICAL SPACERS IS ALSO AVAILABLE.
3. FOR 150 (6") VERTICAL & TRAPIZOIDAL REQUIREMENTS, THE SLOTTED DRAIN BAND MAY BE FURNISHED WITH THE 100 (4") TECHCO BAND ANGLE.
4. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
5. REFERENCE CONTECH BAND MANUAL DWG. NO. 1008466 FOR BAND DETAILS.

MANUFACTURING TOLERANCES

1. VERTICAL BOW ± 10 (3/8")
2. HORIZONTAL BOW ± 16 (5/8")
3. TWIST ± 13 (1/2")





NOTES

CLASS SI CONCRETE SHALL BE USED THROUGHOUT.

THE SLOTTED DRAIN SHALL BE CORRUGATED PIPE CULVERT WITH INTEGRAL SLOTTED DRAINS. BEFORE PLACING THE CONCRETE ADJACENT TO THE PIPE, THE SLOT SHALL BE COVERED BY EITHER THIN, FLAT METAL SHEETING OR BY A BOARD NOTCHED TO FIT OVER THE GRATE BARS. THIS COVERING MUST FIT CLOSELY IN THE SLOT TO PREVENT ENTRY OF CONCRETE INTO THE PIPE. PAVING OVER THE SLOTTED DRAIN WILL THEN BE ONE CONTINUOUS OPERATION OVER THE PROTECTED DRAIN. THE PROTECTION FOR THE DRAIN SLOT SHALL THEN BE REMOVED. THE PIPE SHALL DRAIN INTO THE SIDE OF THE INLET. THE OPENING WHERE THE SLOT IS REMOVED SHALL BE COVERED TO PREVENT CONCRETE FROM ENTERING THE PIPE.

THE CORRUGATED STEEL PIPE USED IN THE SLOTTED DRAIN SHALL MEET THE REQUIREMENTS OF AASHTO M-36/ASTM A 760. THE CMP SHALL BE GALVANIZED OR ALUMINIZED STEEL TYPE 2. STEEL GRATING SHALL MEET THE GALVANIZING REQUIREMENTS OF AASHTO M-111. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR SLOTTED DRAIN PIPE, AND SHALL INCLUDE ELBOWS, DRILLING HOLES IN GRATING, SUPPLYING AND PLACING A1 BARS AND CONCRETE.

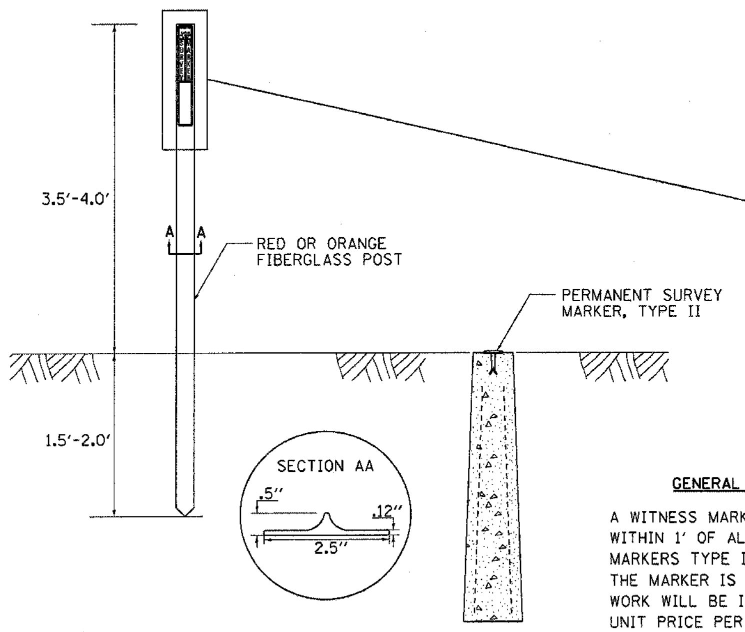
USE APPROVED END CAP TO PREVENT CONCRETE ENTRY INTO THE PIPE DURING GUTTER CONSTRUCTION ON THE UPSTREAM END OF PIPE.

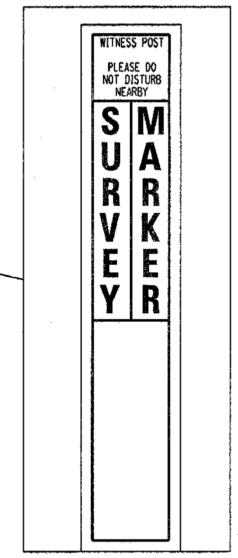
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

SLOTTED DRAIN PIPE 61.2

REVISED 10-15-04

WITNESS MARKER FOR PERMANENT SURVEY MARKERS, TYPE II

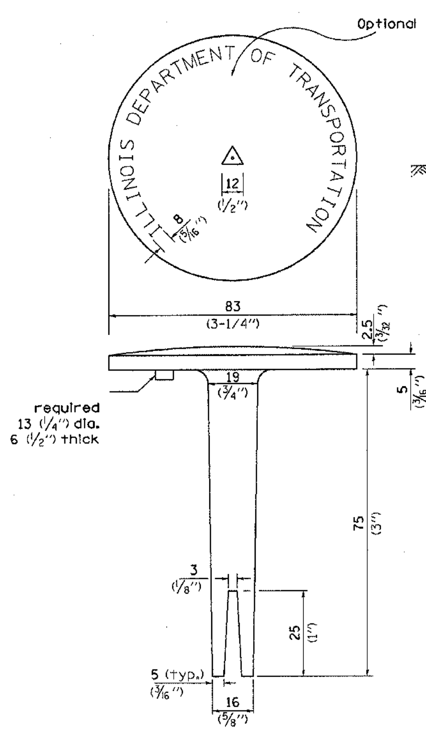




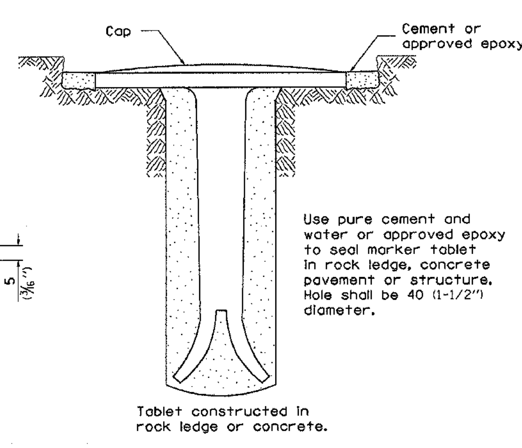
GENERAL NOTES

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.

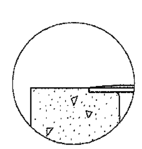
PERMANENT SURVEY MARKERS, TYPE II



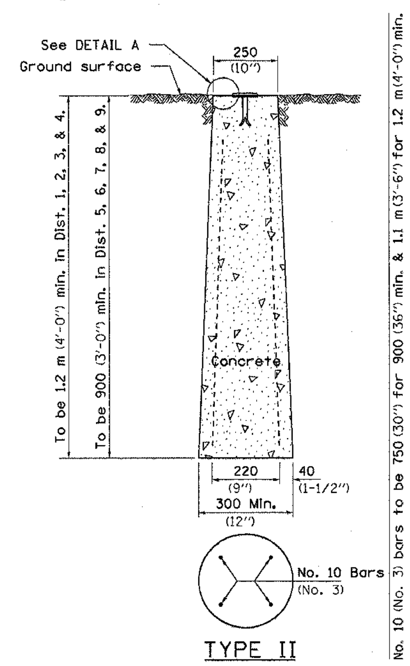
BRASS OR ALUMINUM TABLET



TYPE II



DETAIL A



TYPE II

CAST-IN-PLACE MARKER

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

ROUGH GROOVED SURFACE SIGN

ILLINOIS STANDARD W8-I107

SIGN PANEL TYPE 1

COLOR: LEGEND AND BORDER - BLACK NON-RELFLECTIVE
BACKGROUND - ORANGE REFLECTORIZED

SIGN SIZE	DIMENSIONS							
	A	B	C	D	E	F	G	H
1200x1200 (48x48)	1200 (48.0)	600 (24.1)	75 (3.0)	850 (34.0)	825 (33.0)	150 (6.0)	325 (13.0)	88 (3.5)

SIGN SIZE	SERIES LINES			MARGIN	BORDER	BLANK STD.
	1	2	3			
1200x1200 (48x48)	7C	7C	7C	20 (0.8)	30 (1.2)	B4-48D

ALL DIMENSIONS IN INCHES.

GENERAL NOTES

SIGN PANELS AND FACE MATERIALS SHALL BE ACCORDING TO SECTION 720 OF THE STANDARD SPECIFICATIONS

METAL POSTS SHALL BE IN ACCORDANCE WITH STD. 720011.

ALL MOUNTING HARDWARE SHALL BE ALUMINUM, STAINLESS STEEL, ZINC OR CADMIUM PLATED STEEL AND SHALL BE INCIDENTAL TO THE COST OF THE INSTALLATION.

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

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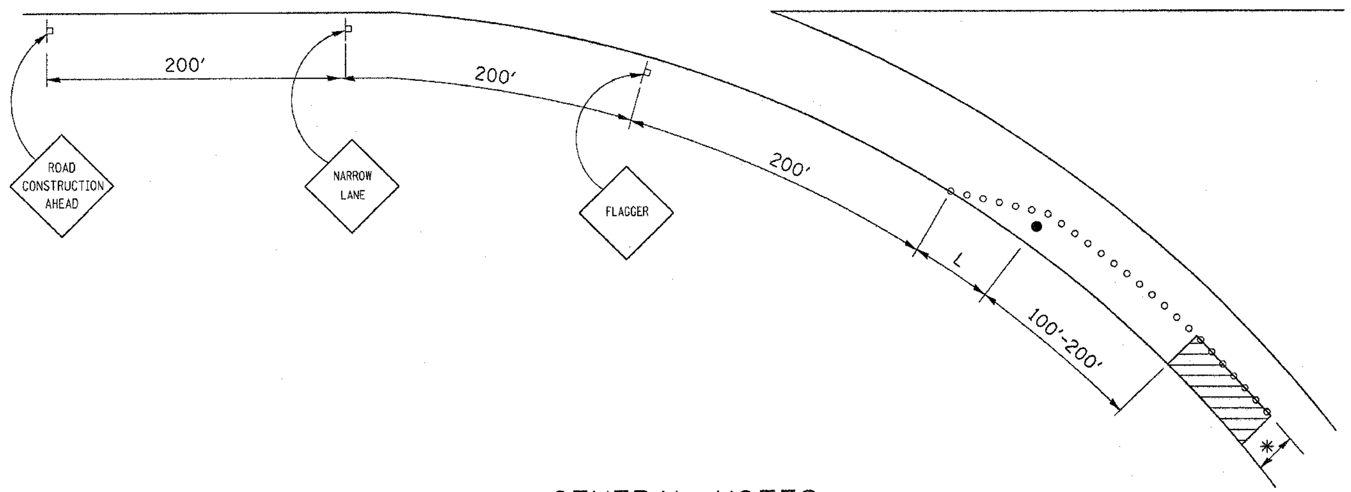
REFERENCE = REF

CONTRACT NO. 64A21

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(2,3,4)RS	WINNEBAGO	46	32
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TRAFFIC CONTROL AND PROTECTION FOR RAMPS



GENERAL NOTES

CONES AT 8 m (25')CENTERS FOR 105 m (350'). ADDITIONAL CONES MAY BE PLACED AT 15 m (50') CENTERS. WHEN DRUMS OR BARRICADES ARE USED. THE INTERVAL DEVICES MAY BE DOUBLED.

* WIDTH OF CLOSURE SHOWN ON RAMP PATCHING SCHEDULE OR AS DIRECTED BY ENGINEER.

L= CLOSURE WIDTH*TAPER RATIO IS SPEED LIMIT/1 (POSTED OR ADVISORY)

ANY VISIBLE REPAIRS REQUIRED ON THE SHOULDER BECAUSE OF TRAFFIC SHALL BE PROVIDED AT THE CONTRACTORS EXPENSE. THE ENGINEER SHALL BE THE SOLE JUDGE FOR ANY SHOULDER REPAIRS.

THE RAMP SHALL BE COMPLETELY OPEN TO TRAFFIC BY NIGHTFALL.

TRAFFIC CONTROL AND PROTECTION FOR RAMPS SHALL BE INCLUDED IN THE COST OF STANDARD 701406 OR 701401

SYMBOLS

WORK AREA

SIGN

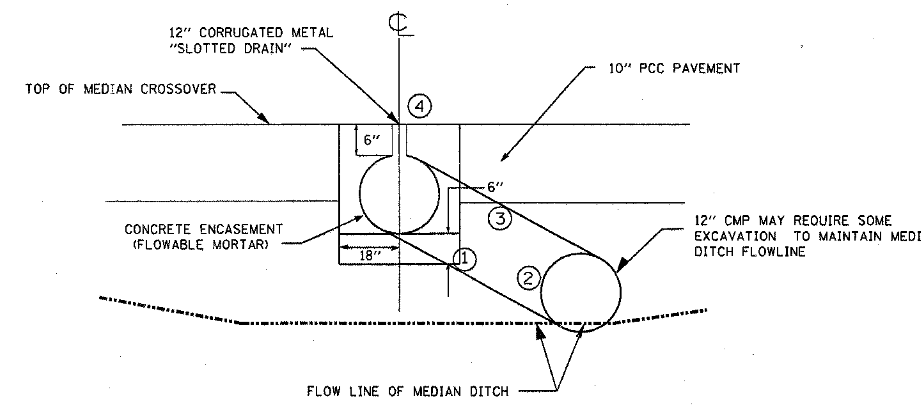
BARRICADE OR DRUM

CONE, DRUM OR BARRICADE

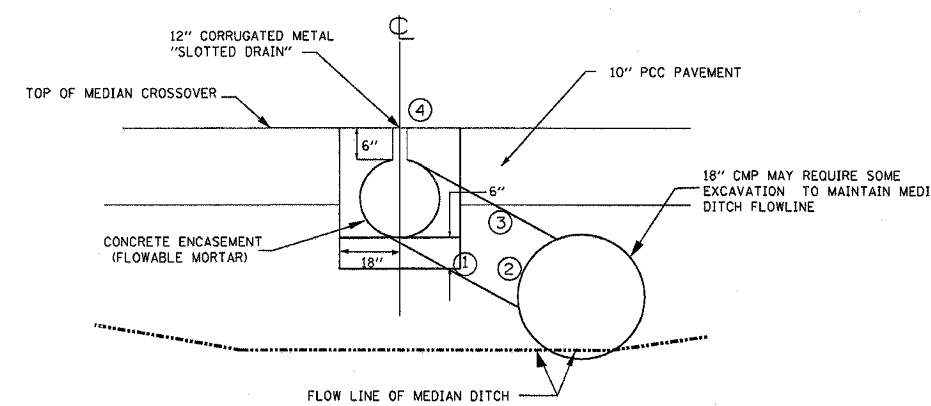
FLAGGER WITH TRAFFIC CONTROL SIGN

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

SLOTTED DRAIN CONNECTION DETAIL



CROSSOVER #1



CROSSOVER #2

1) 12" CMP ELBOW
2) CMPTEE SECTION WITH 12" RISER
3) 12" COUPLING BAND
4) DUCT TAPE OR WOOD BLOCKS SHALL BE USED TO COVER SLOTTED DRAIN DURING CONSTRUCTION OF CROSSOVER PAVING

NOTES:
SLOTTED DRAIN SHALL BE CONSTRUCTED OF 14-GAUGE CORRUGATED METAL ROADWAY PIPE MODIFIED TO ACCOMMODATE SLOTTED DRAIN AS SHOWN.

ELBOWS, TEES AND CAPS SHALL BE CONSIDERED INCIDENTAL TO THE SLOTTED DRAIN PIPE.

FLOWABLE MORTAR SHALL BE INCLUDED IN THE COST OF THE SLOTTED DRAIN.

EXCAVATION TO MAINTAIN MEDIAN DITCH FLOWLINE SHALL BE INCLUDED IN THE COST OF THE SLOTTED DRAIN.

CONTRACT NO. 64A21

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(2,3,4) RS	WINNEBAGO	46	33
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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, 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 BASIS 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 THE 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 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 THE CONSTRUCTION OF 2 MEDIAN CROSSOVERS FOR FUTURE BRIDGE REHABILITATIONS. CONSTRUCTION ACTIVITY IN THE MEDIAN INCLUDES CLEARING, SHOULDER REMOVAL, EMBANKMENT, PAVING AND REMOVAL, AND SEEDING.

DESCRIPTION OF INTENDED SEQUENCE OF ACTIVITIES:
THE SEQUENCE OF EVENTS IS AS FOLLOWS: CLEARING, EXCAVATION, EMBANKMENT, GRADING, AND PAVING.

AREA OF CONSTRUCTION SITE:
IT IS ESTIMATED THAT 1.20 ACRES WILL BE DISTURBED BY EXCAVATION, GRADING, AND OTHER ACTIVITIES.

SUPPORTING REPORTS AND PLANS

THE FOLLOWING ASSISTED IN DEVELOPING THE EROSION CONTROL PLAN AS REFERENCED DOCUMENTS:

PROJECT PLAN DOCUMENTS, USGS DRAINAGE MAPS

DRAINAGE TRIBUTARIES RECEIVING WATER FROM CONSTRUCTION SITE

WATER FROM THE CROSSOVER CONSTRUCTION AREAS DRAINS INTO THE CENTERLINE MEDIAN OF US 20. THE MEDIAN WATER OUTLETS, AT VARIOUS LOCATIONS, INTO AN UNNAMED TRIBUTARY RUNNING NORTH TO SOUTH AND EVENTUALLY EMPTYING INTO THE ROCK RIVER.

EROSION CONTROL AND SEDIMENT CONTROL PROCEDURES

STABILIZATION PRACTICES DURING CONSTRUCTION:
AS EARTH EXCAVATION AND EMBANKMENT WORK IS BEING COMPLETED THE CONTRACTOR SHALL PLACE DITCH CHECKS, INLET AND PIPE PROTECTION, MULCH, AND SEEDING. SEEDING SHALL BE COMPLETED AS DESCRIBED IN SECTION 280 OF THE STANDARD SPECIFICATIONS.

MAINTENANCE AFTER FINAL GRADING

TEMPORARY EROSION CONTROL SYSTEMS SHALL BE LEFT IN-PLACE WITH PROPER MAINTENANCE UNTIL PERMANENT EROSION CONTROL IS IN PLACE AND FUNCTIONING PROPERLY AND ALL PROPOSED TURF AREAS HAVE BEEN SEEDED AND ESTABLISHED 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.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

STORM WATER POLLUTION
PREVENTION PLAN
EROSION CONTROL PLAN

SCALE: VERT. HORIZ. NONE
DATE 9/27/06

DRAWN BY AJP
CHECKED BY DCZ

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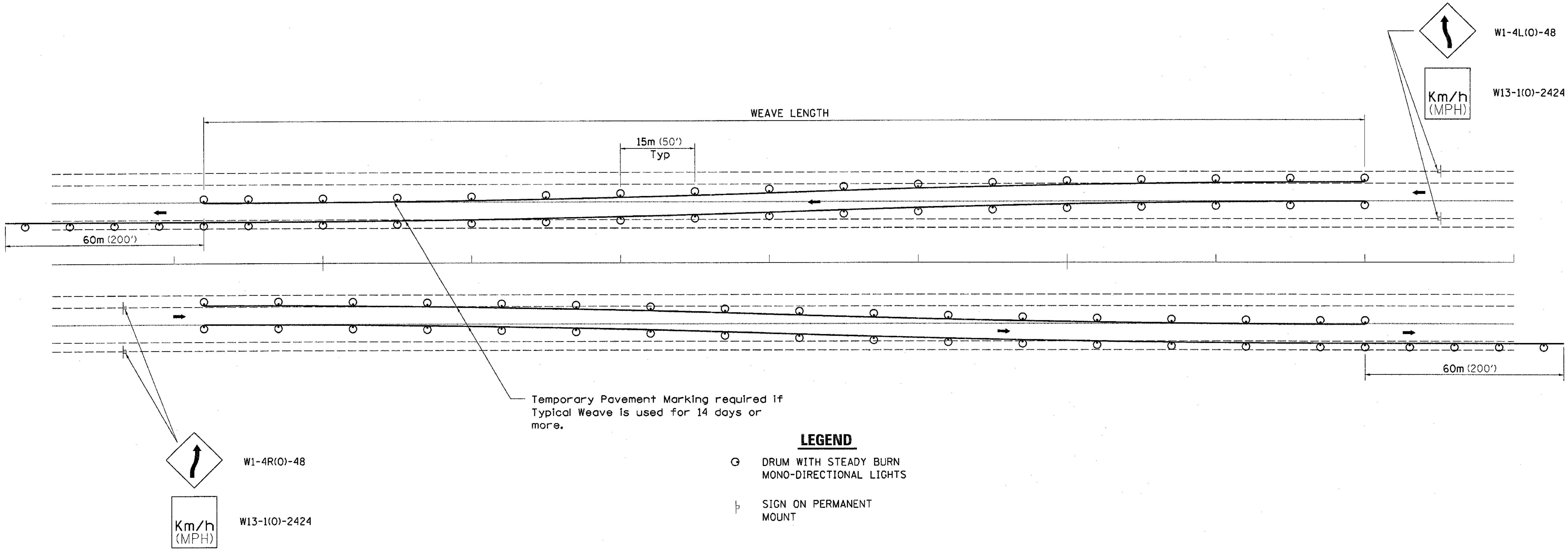
CONTRACT NO. 64A21

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(2,3,4)RS	WINNEBAGO	46	34
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TRAFFIC CONTROL TYPICAL WEAVE



LEGEND

- DRUM WITH STEADY BURN MONO-DIRECTIONAL LIGHTS
- SIGN ON PERMANENT MOUNT

STANDARD WEAVE CONDITIONS FOR DIFFERENT SPEED LIMITS

POSTED SPEED LIMIT	ADVISORY SPEED LIMIT	WEAVE LENGTH
110 Km/h (65 MPH)	80 Km/h (45 MPH)	240m (780 FT.)
90 Km/h (55 MPH)	60 Km/h (35 MPH)	200m (660 FT.)
80 Km/h (45 MPH)	40 Km/h (25 MPH)	165m (540 FT.)

DESIGNER NOTE:

1. USE ON LONG 4-LANE PROJECTS WHERE THE CONTRACTOR MAY CHANGE A PORTION OF THE WORK TO THE OPPOSITE LANE.
2. USE WHERE THE PROJECT IS ADJACENT TO ANOTHER AND THE CONTRACTOR COULD BE WORKING ON DIFFERENT LANES.
3. TEMPORARY PAVEMENT MARKING SHALL BE USED WHEN TYPICAL WEAVE IS USED FOR 14 DAYS OR MORE.
4. TRAFFIC CONTROL TYPICAL WEAVE SHALL BE INCLUDED IN THE COST OF THE SPECIFIC TRAFFIC CONTROL STANDARDS OF ITEMS.

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

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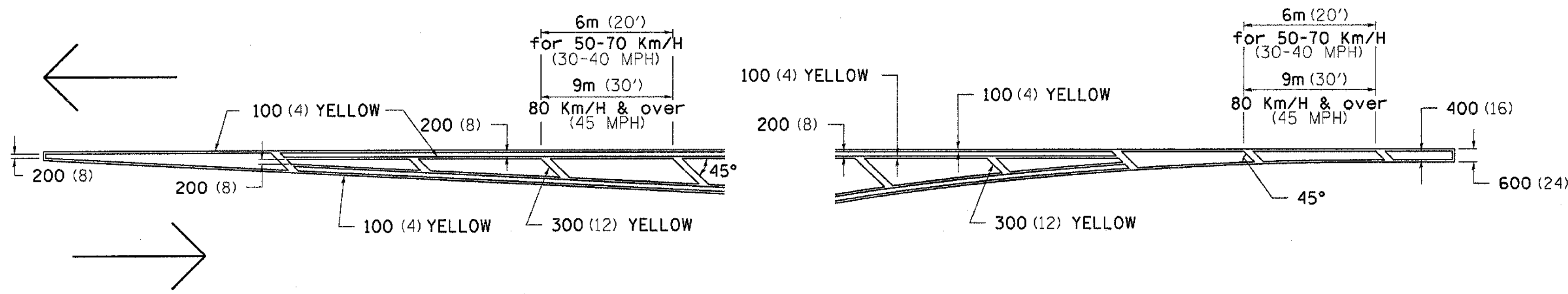
CONTRACT NO. 64A21

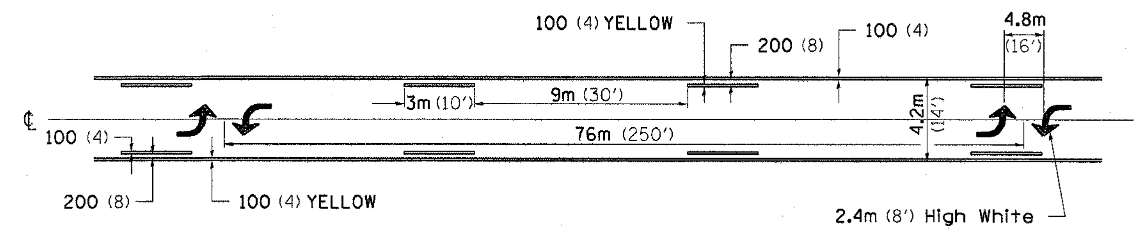
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(2,3,4)RS	WINNEBAGO	46	35
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TYPICAL PAVEMENT MARKINGS

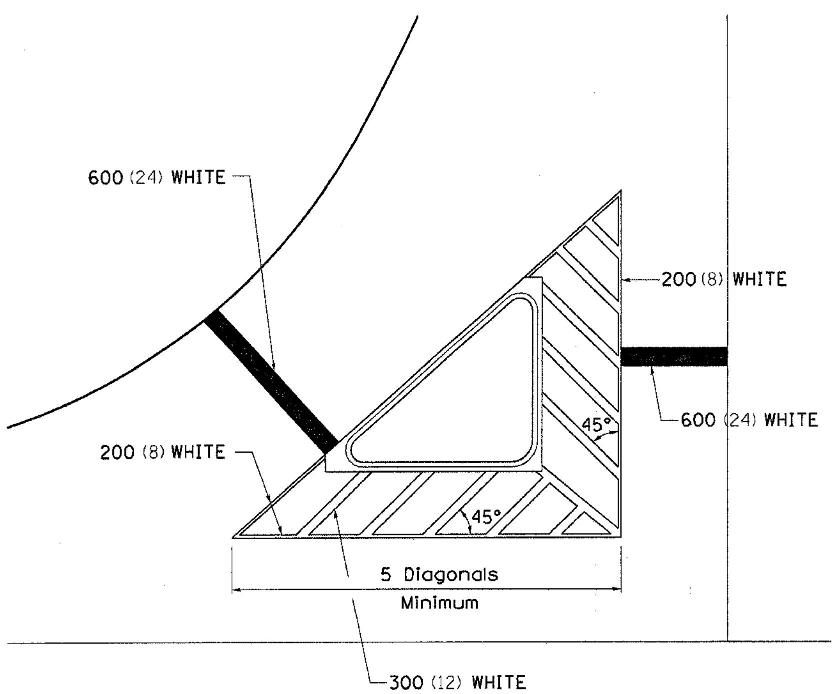
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE



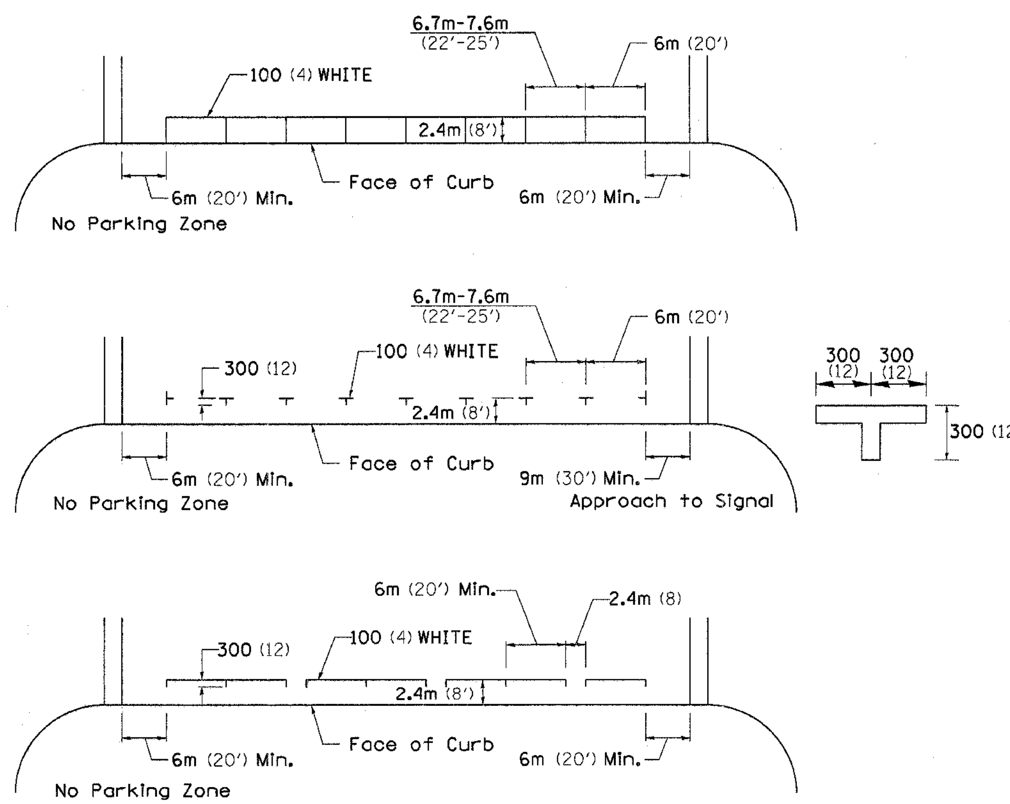
MEDIAN PAVEMENT MARKING



TYPICAL ISLAND OFFSET SHOULDER WIDTH



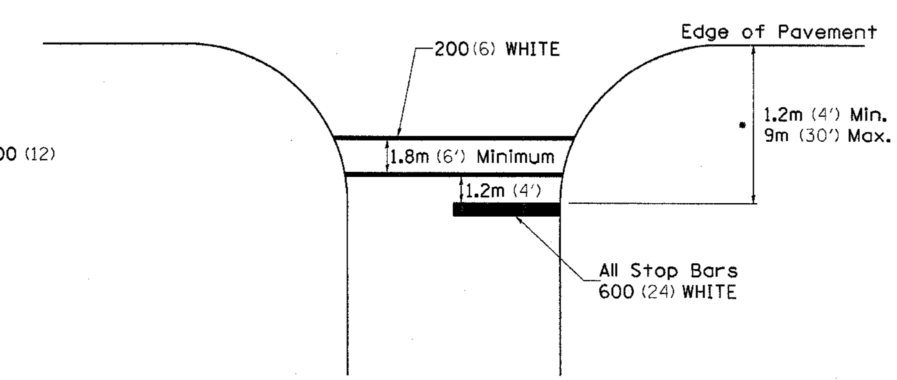
TYPICAL PARKING SPACING



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

STANDARD CROSSWALK MARKING

See Schedules for Locations



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

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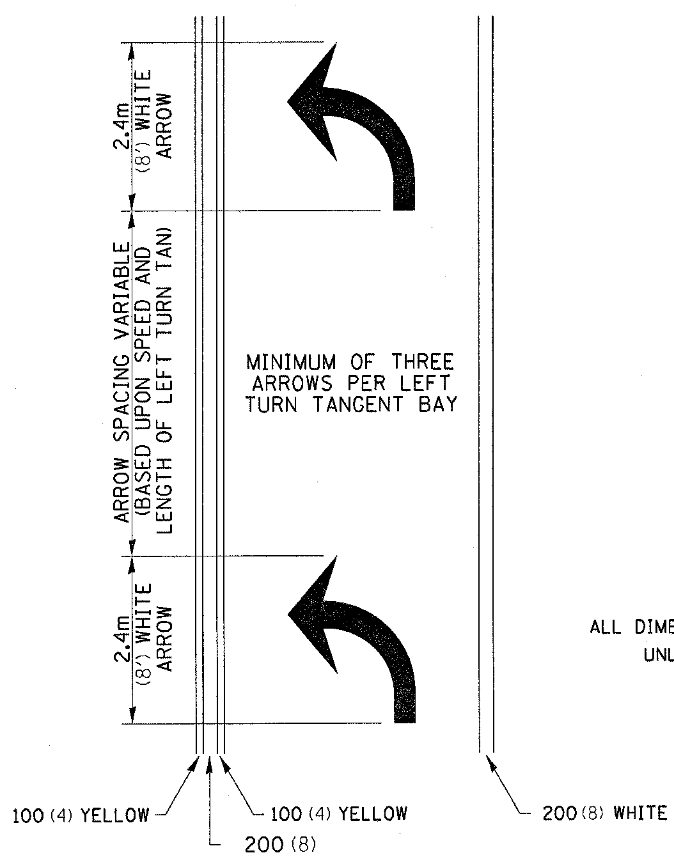
REVISED 7-20-06

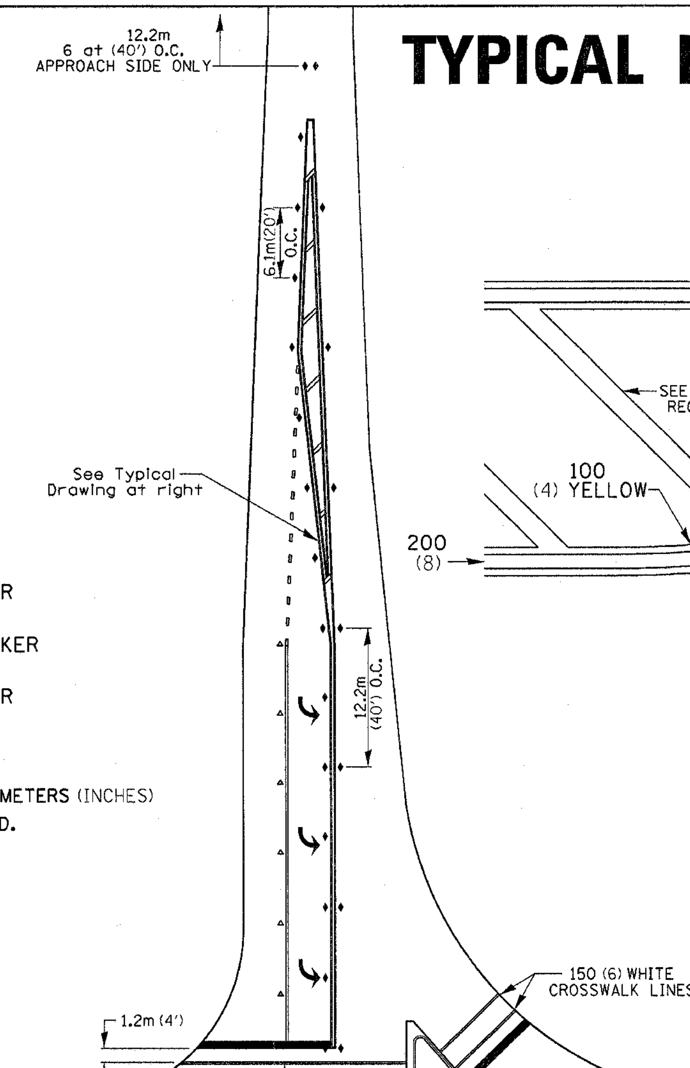
CONTRACT NO. 64A21

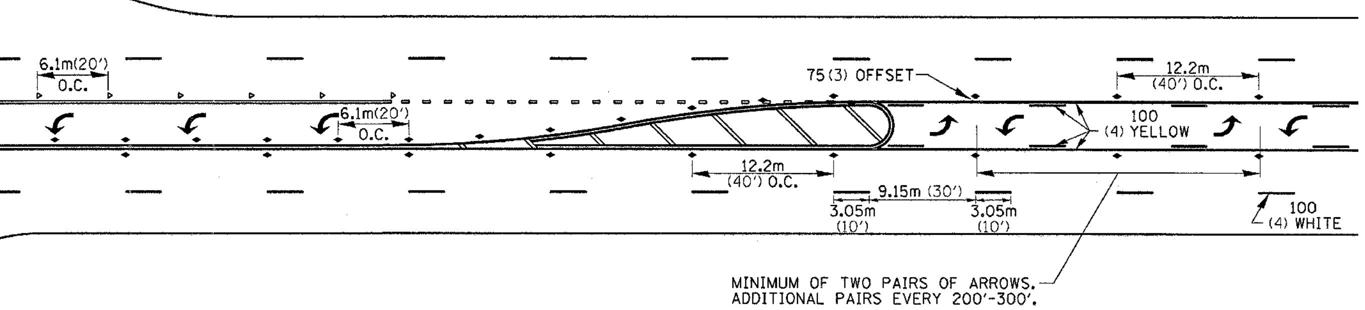
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(2,3,4)RS	WINNEBAGO	46	36
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

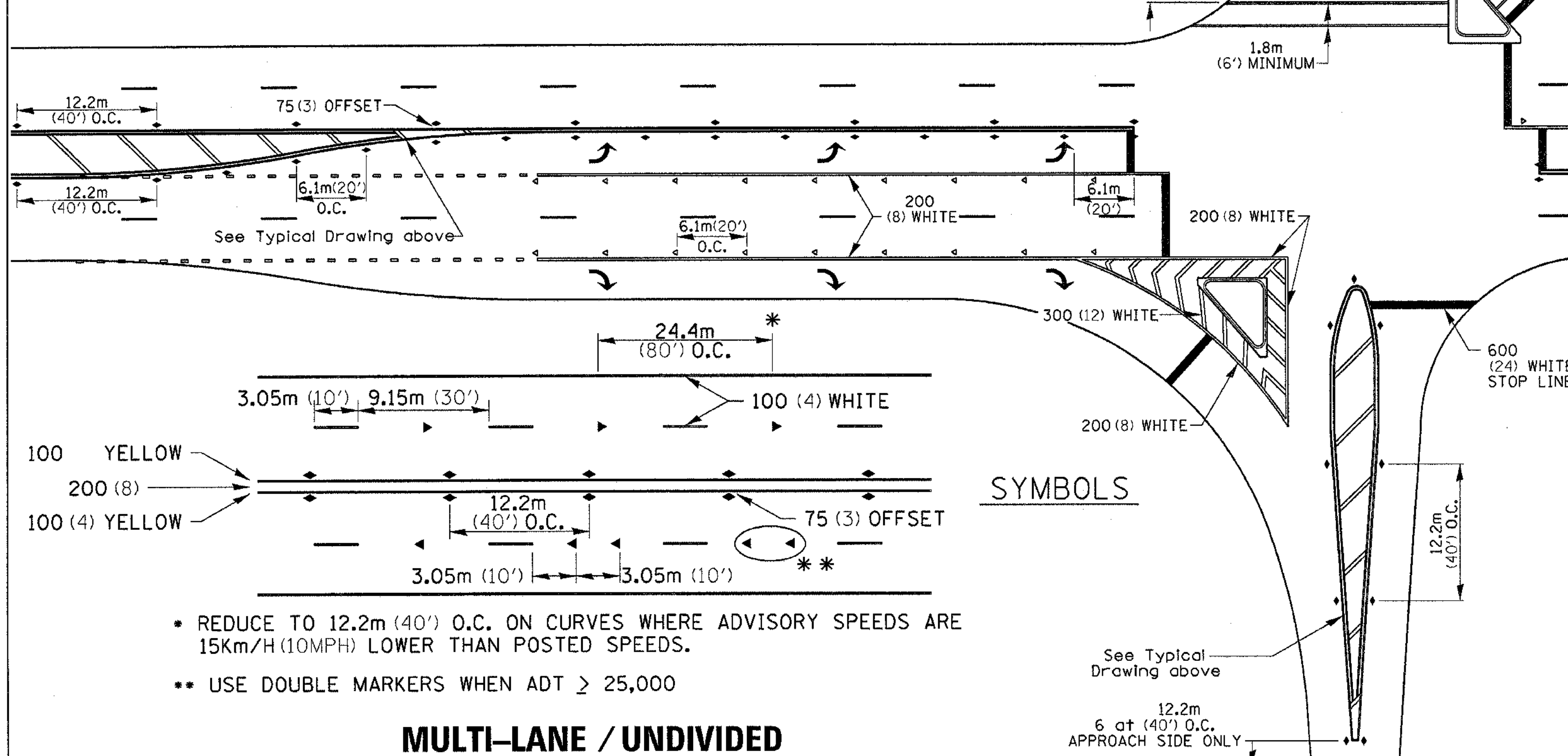
TYPICAL PAVEMENT MARKINGS

ARROW LAYOUT









◀ ONE-WAY AMBER MARKER
◁ ONE-WAY CRYSTAL MARKER
◆ TWO-WAY AMBER MARKER

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

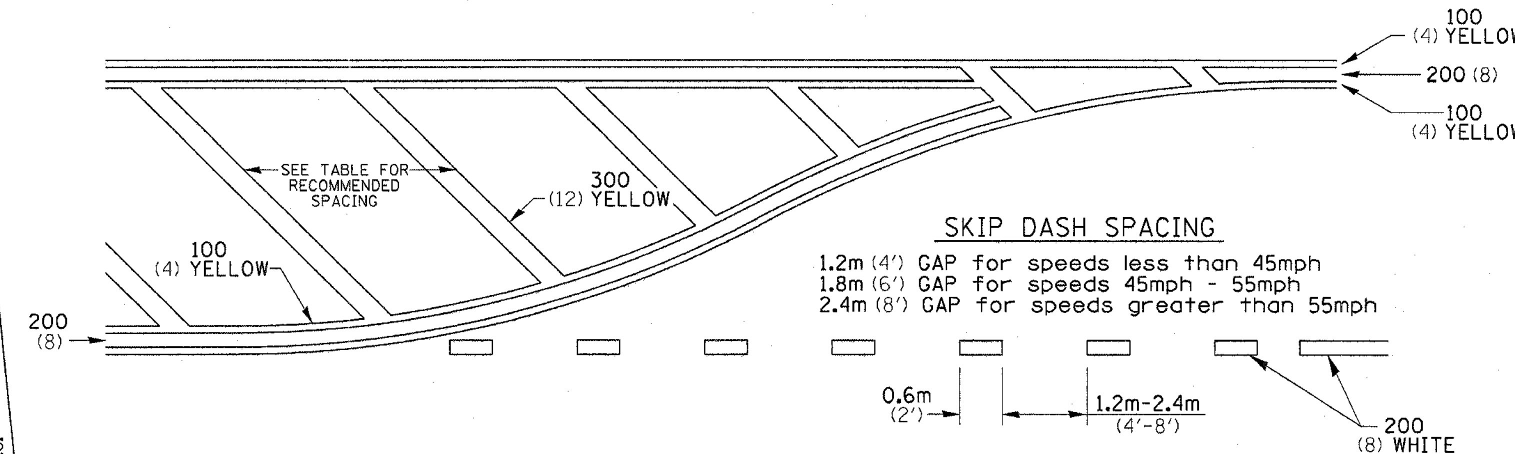
SYMBOLS

- 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

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



SKIP DASH SPACING

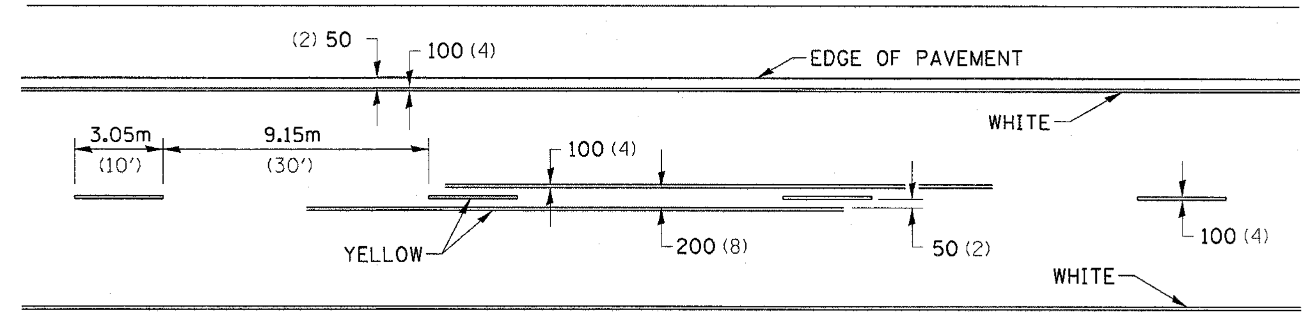
1.2m (4') GAP for speeds less than 45mph
1.8m (6') GAP for speeds 45mph - 55mph
2.4m (8') GAP for speeds greater than 55mph

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



REVISED 7-20-06

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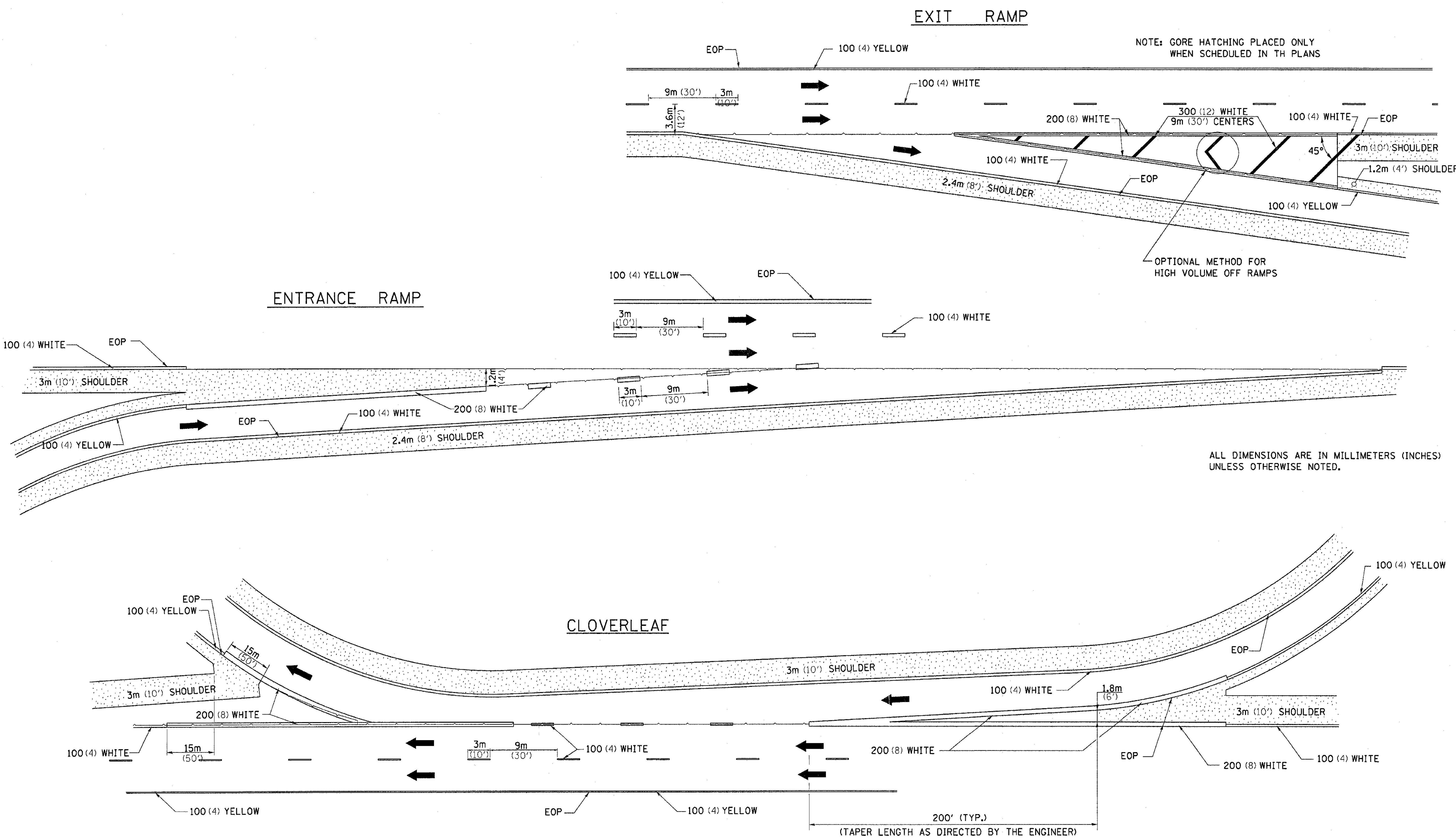
CONTRACT NO. 64A21

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(2,3,4)RS	WINNEBAGO	46	37
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PAINTING DETAILS



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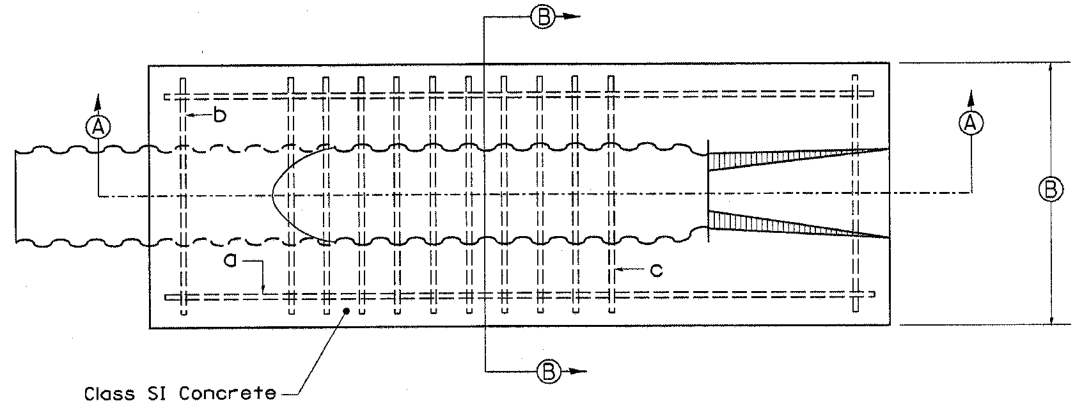
REVISED 6-26-90

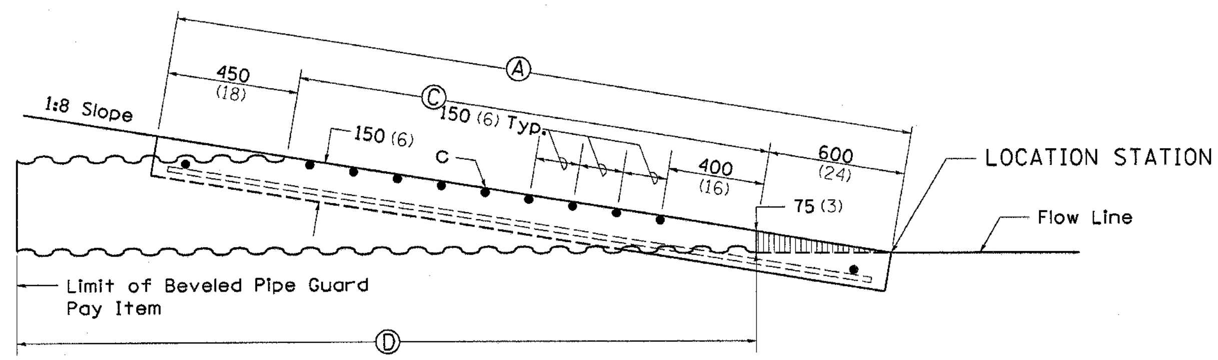
CONTRACT NO. 64A21

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(2,3,4)RS	WINNEBAGO	46	38
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

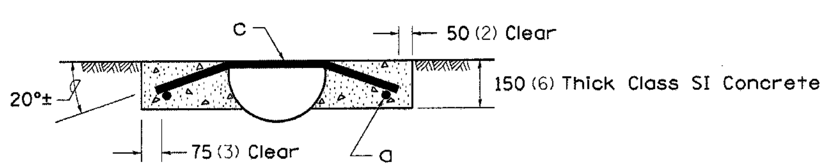
BEVELED PIPE & GUARD DETAIL



PLAN VIEW



SECTION A-A



SECTION B-B

305 (12) PIPE REINFORCING SCHEDULE			
Mark Req'd	Size	Length	No.
a	15 (5)	2750 (110)	2
b	15 (5)	800 (32)	2
c	25 (8)	850 (34)	10

381 (15) PIPE REINFORCING SCHEDULE			
Mark Req'd	Size	Length	No.
a	15 (5)	3400 (136)	2
b	15 (5)	875 (35)	2
c	25 (8)	925 (37)	14

457 (18) PIPE REINFORCING SCHEDULE			
Mark Req'd	Size	Length	No.
a	15 (5)	4050 (162)	2
b	15 (5)	950 (38)	2
c	25 (8)	1000 (40)	18

TABLE OF DIMENSIONS				
PIPE SIZE	A	B	C	D
305 (12)	2.9m (9'-6")	900 (36)	1.83m (6')	3m (10')
381 (15)	3.6m (11'-8")	975 (39)	2.5m (8'-2")	3.6m (12')
457 (18)	4.2m (13'-10")	1050 (42)	3.15m (10'-4")	4.5m (14'-10")

GENERAL NOTES:

Details shown hereon are for the construction of beveled pipe and guard. Alternate designs, methods of construction or materials may be submitted to the Engineer for approval. All methods of construction and materials involved shall conform to current Standard Specifications.

Reinforcing steel used in construction of "Beveled Pipe and Guard" shall be deformed bars meeting the requirements of Article 1006.10 of the Standard Specifications. All steel bars shall be hot-dip galvanized in accordance with ASTM A 123 specifications.

Concrete used in construction of the beveled pipe and guard shall be Class "SI" Concrete.

The corrugated metal pipe shall be cut to fit the 1:8 foreslope. Slots shall be cut into the C.M.P. for placement of the No. 25 (8) bars. After the foreslope has been placed, the No. 25 (8) bars shall be fitted into the slots cut in the C.M.P. so they will be in proper position when the concrete collar is poured.

This work shall be paid for at the contract unit price per Each for "Beveled Pipe and Guard", as shown hereon and as directed by the Engineer.

SPECIAL NOTE:

A silt basin will be required immediately upstream from the inlet of culvert. Refer to Standard Road Plan 280001 for construction details.

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

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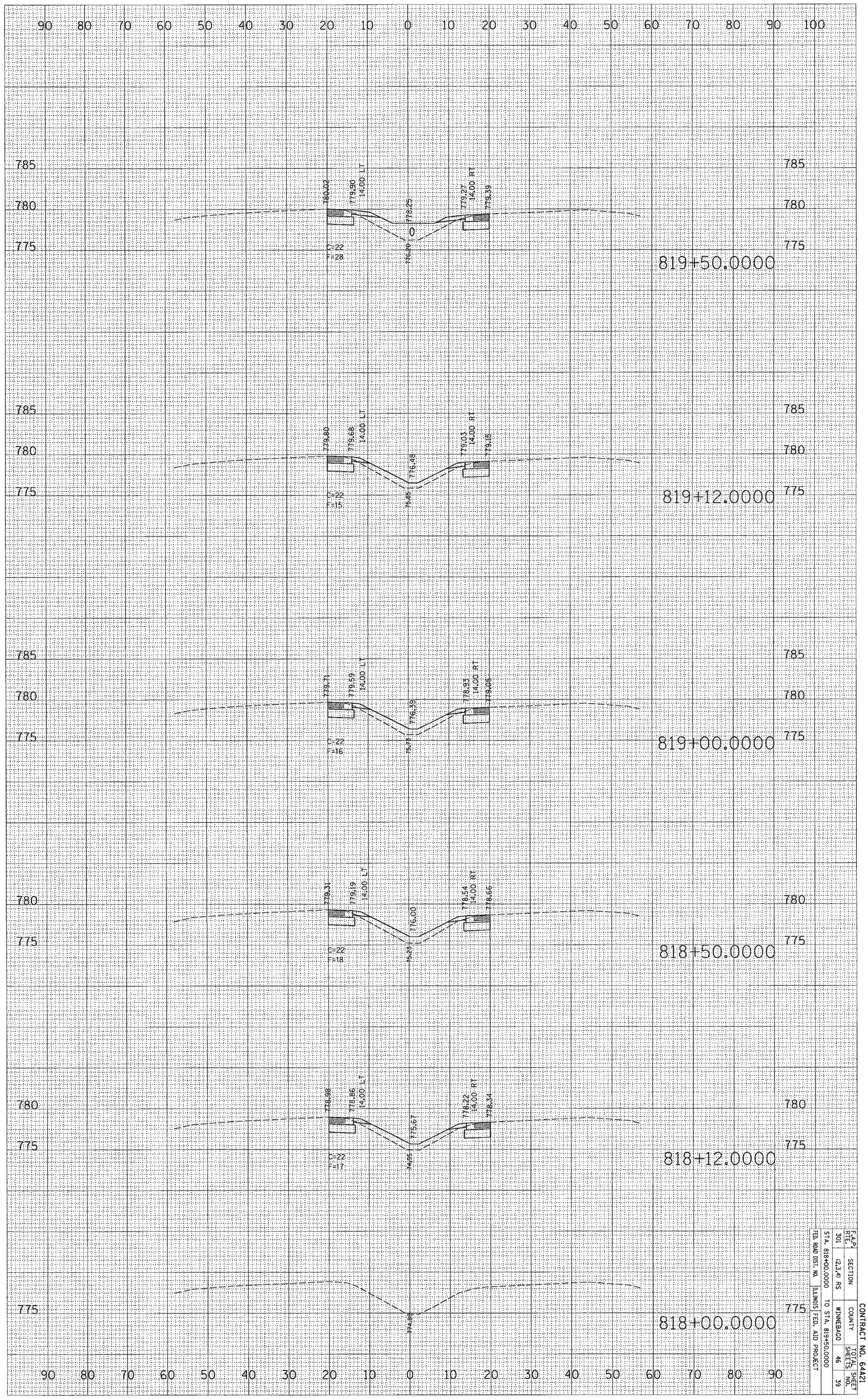
NO.	SURVEYED		
	PLOTTED		
	AS-BUILT		
	AREAS CHECKED		

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



CONTRACT NO. 64421

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	12,3,4P RS	WINNEBAGO	46	39

STA. 818+00.0000 TO STA. 819+50.0000
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

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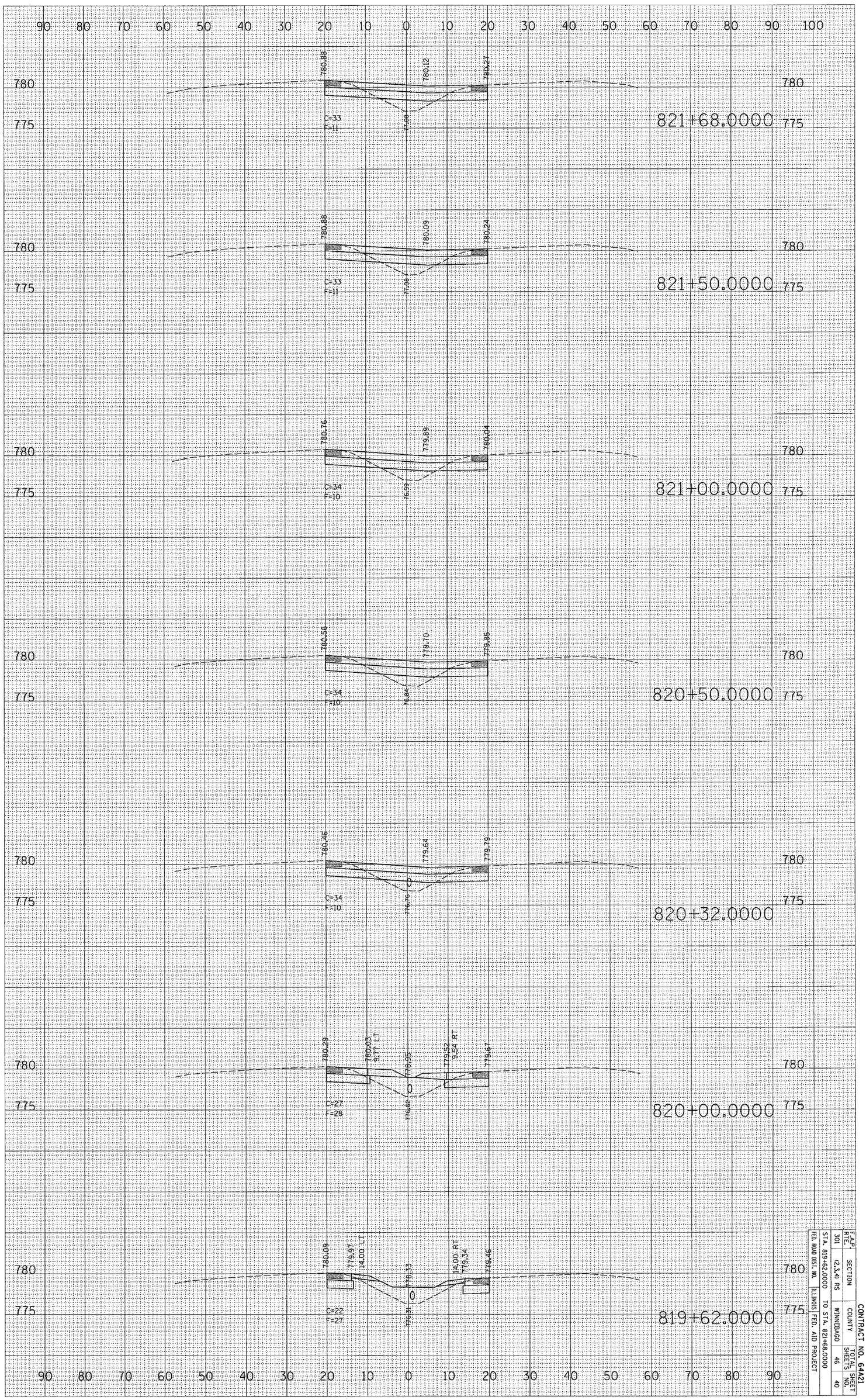
	SURVEYED		
	PLOTTED		
	DRAWN		
	TAS		
NO.	AREAS CHECKED		

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



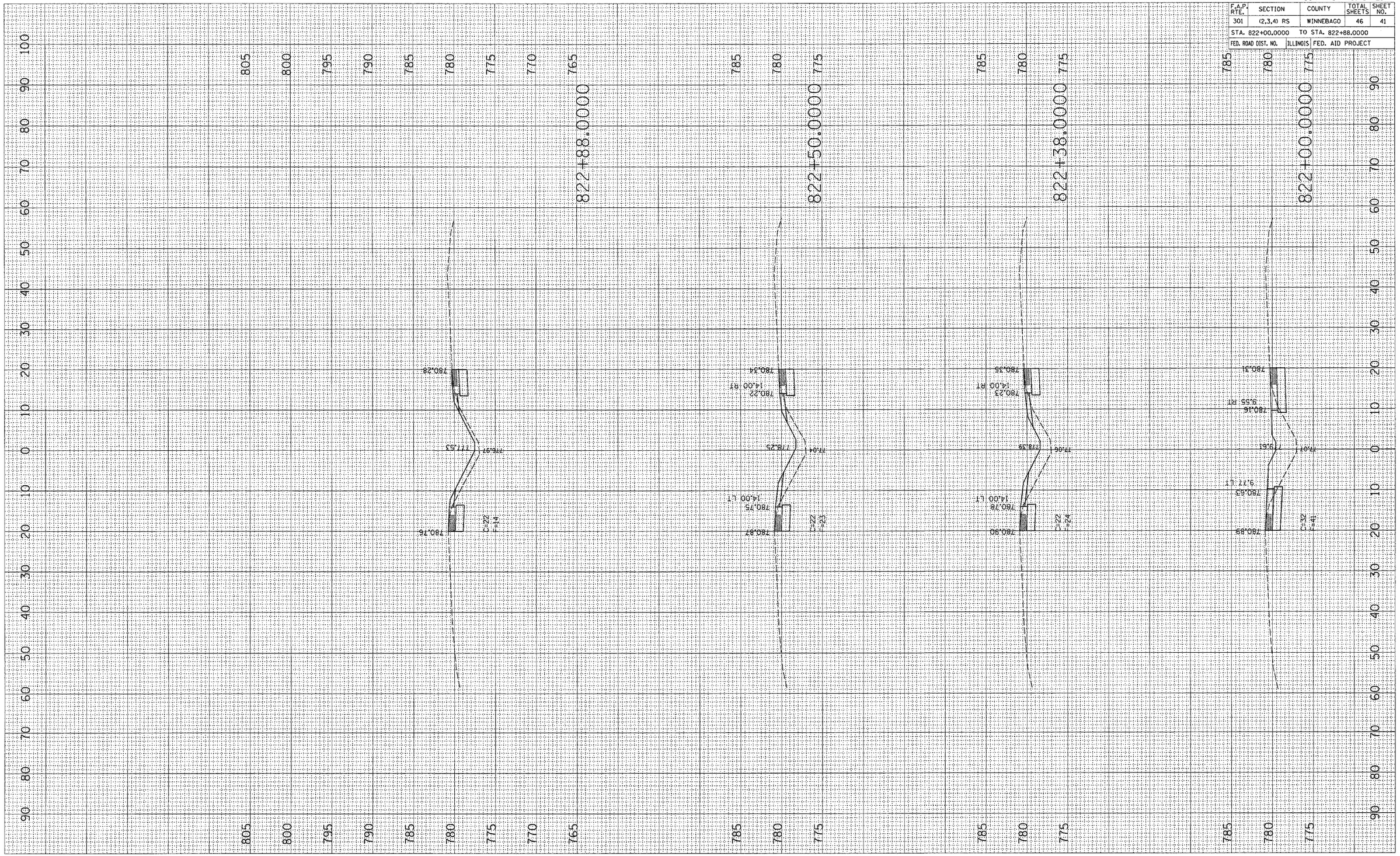
CONTRACT NO. 64A21

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(2,3,4) RS	WINNEBAGO	46	40

STA. 819+62.0000 TO STA. 821+68.0000
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

CONTRACT NO. 64A21

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(2,3,4) RS	WINNEBAGO	46	41
STA. 822+00.0000		TO STA. 822+88.0000		
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 JAS		

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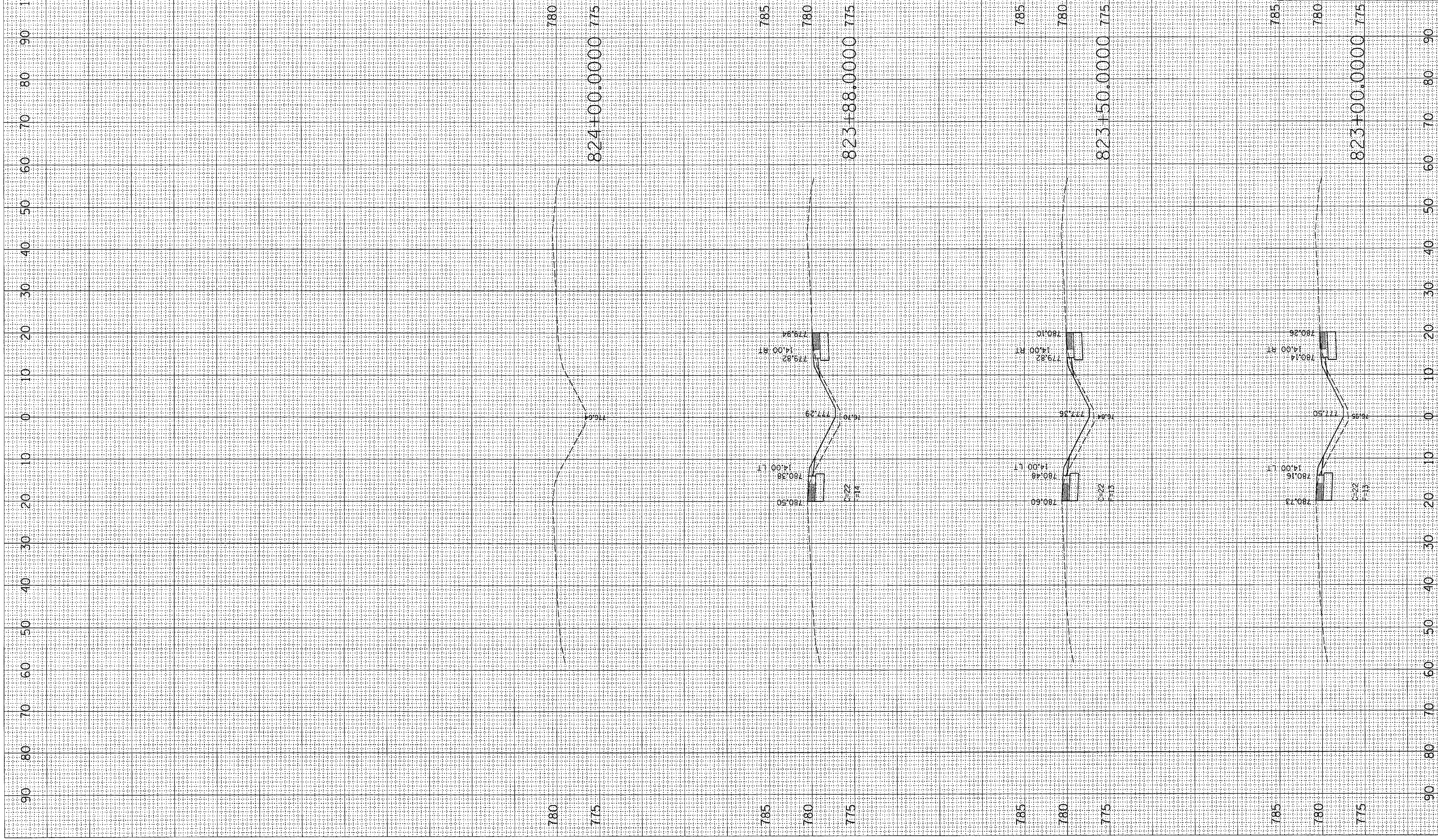
USER NAME = nicklausle

CONTRACT NO. 64A21

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(2,3,4) RS	WINNEBAGO	46	42

STA. 823+00.0000 TO STA. 824+00.0000

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



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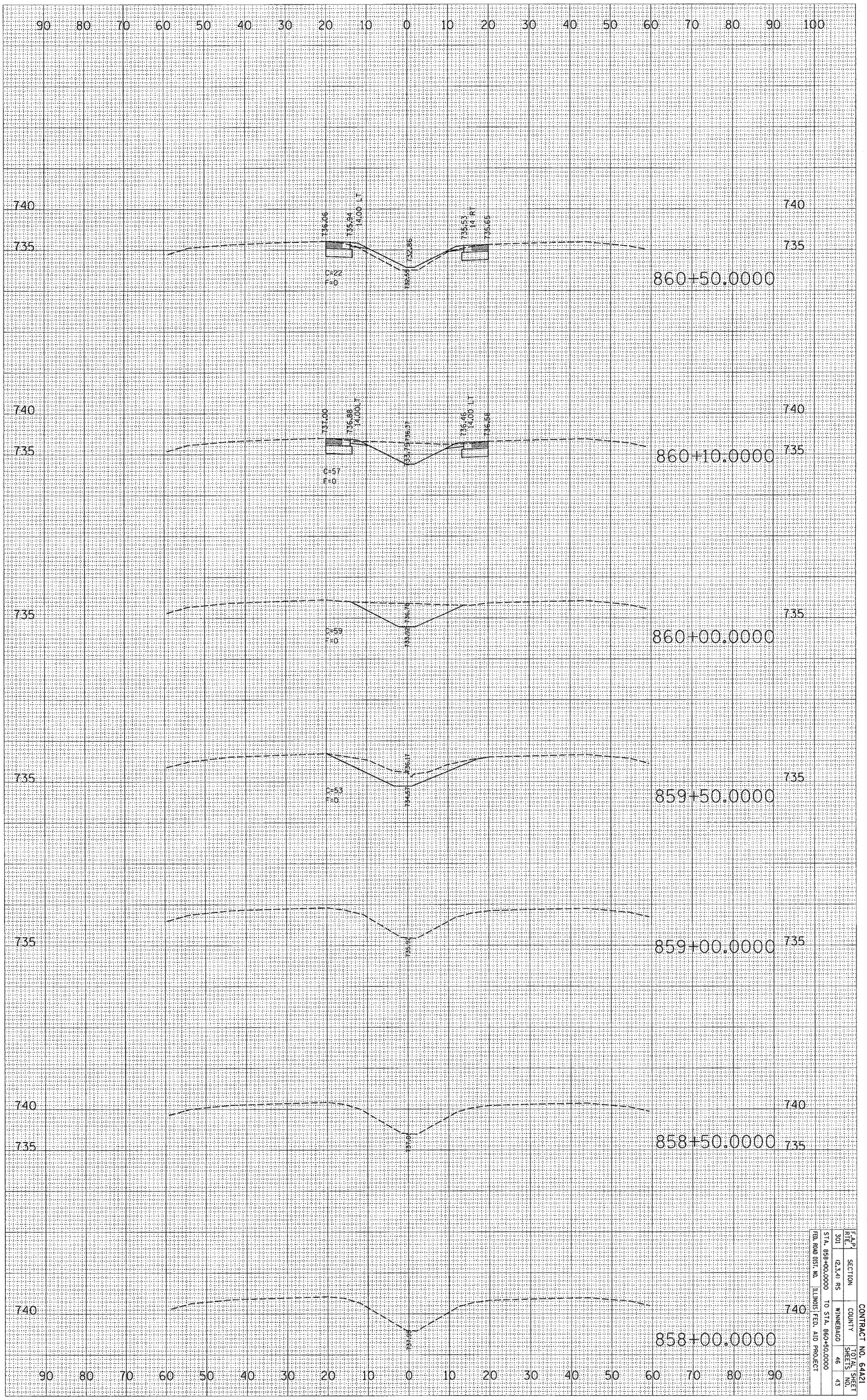
	SURVEYED		
	PLOTTED		
	CKD		
NO.	AREAS CHECKED		

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



CONTRACT NO. 64421

F.A.P. RTE.	SECTION	COUNTY	TOT. SHEETS	SHEET NO.
301	(2,3,4) RS	WINNEBAGO	46	43

STA. 859+00.0000 TO STA. 860+50.0000
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

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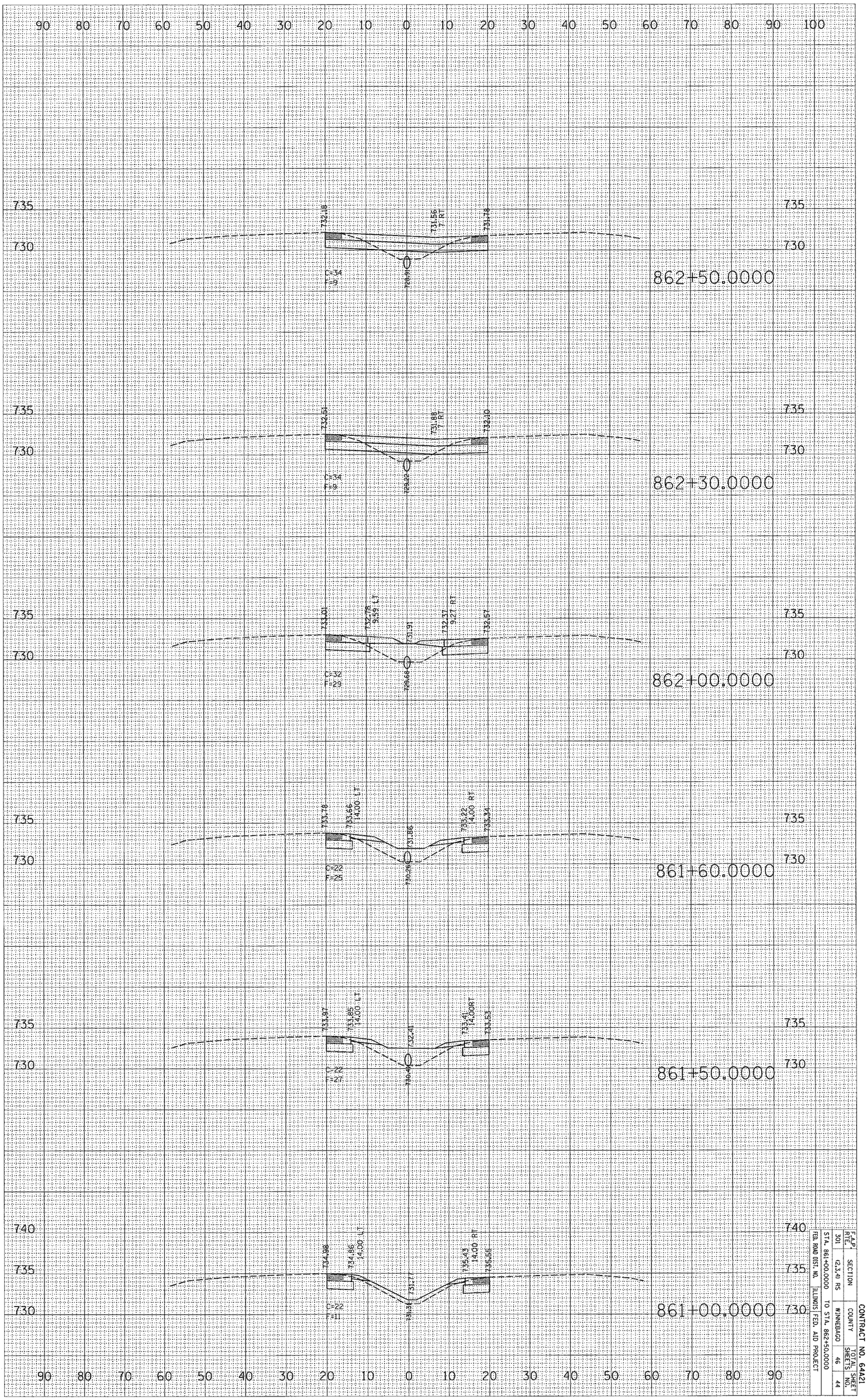
USER NAME = nicklausle

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

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



CONTRACT NO. 64421

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	123-6 RS	WINNEBAGO	46	44

STA. 861+00.0000 TO STA. 862+50.0000

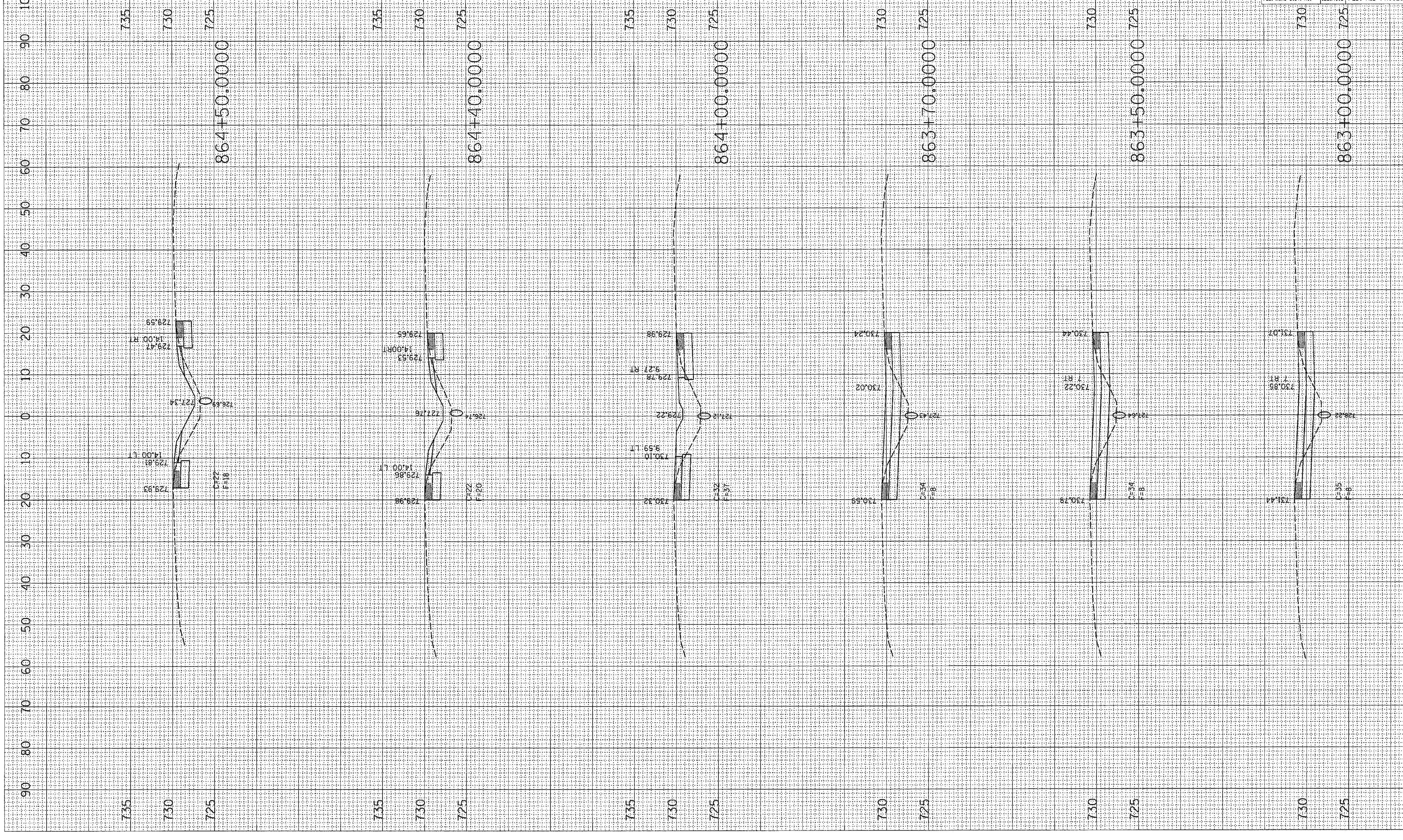
FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

CONTRACT NO. 64A21

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(2,3,4) RS	WINNEBAGO	46	45

STA. 863+00.0000 TO STA. 864+50.0000

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



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

ORIGINAL SURVEY | NO. | SURVEYED | PLOTTED | AREAS CHECKED | BY | DATE

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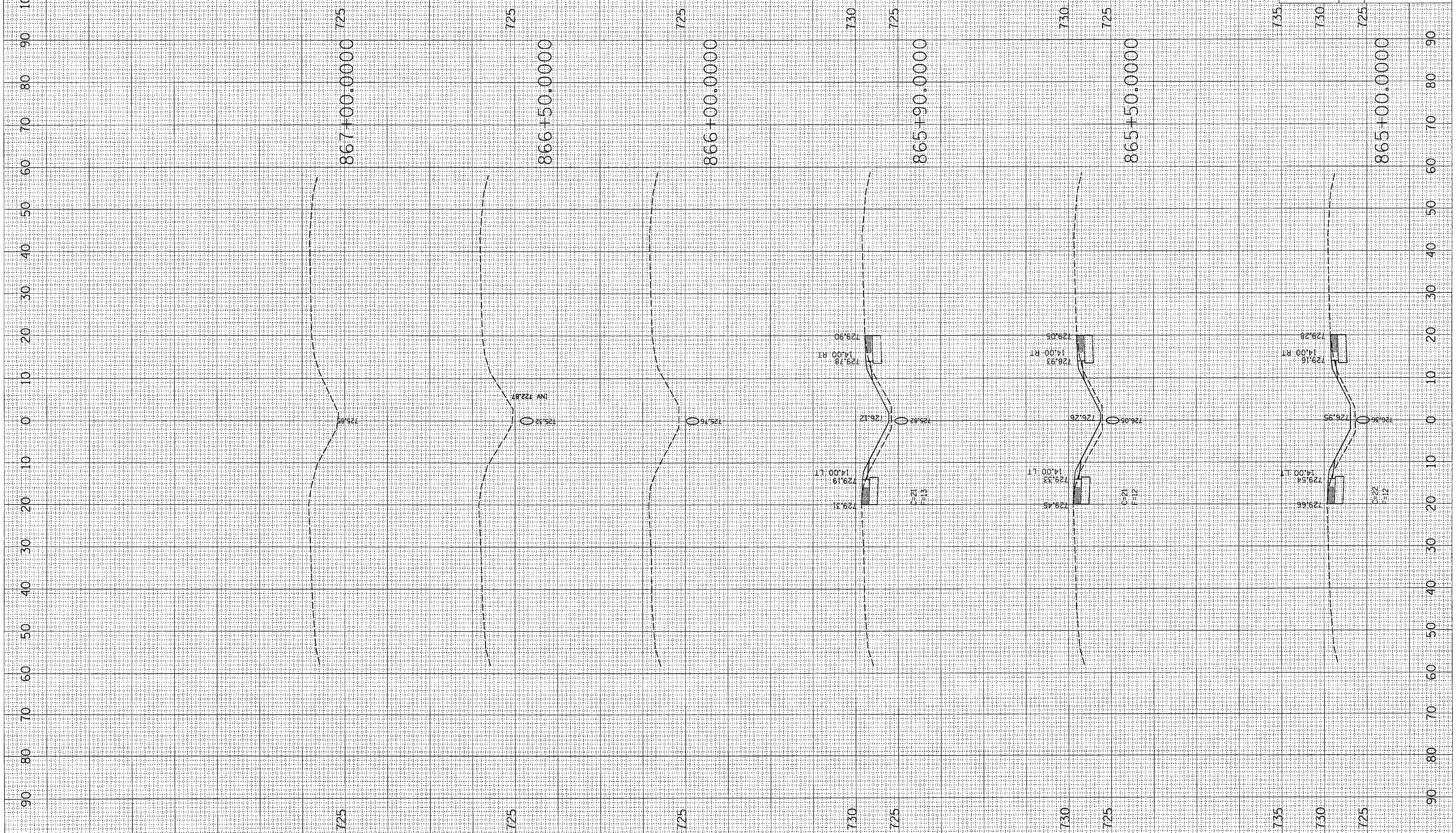
CONTRACT NO. 64A21

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(2,3,4) RS	WINNEBAGO	46	46
STA. 865+00.0000 TO STA. 867+00.0000				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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

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

PLOT DATE = Mon Oct 16 14:25:20 2006