

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HBR-2	WINNEBAGO	171	1

173

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

FAP ROUTE 301 (US 20)  
SECTION 3HBR-2  
PROJECT NHF-0301(048)  
WINNEBAGO COUNTY

C-92-018-08



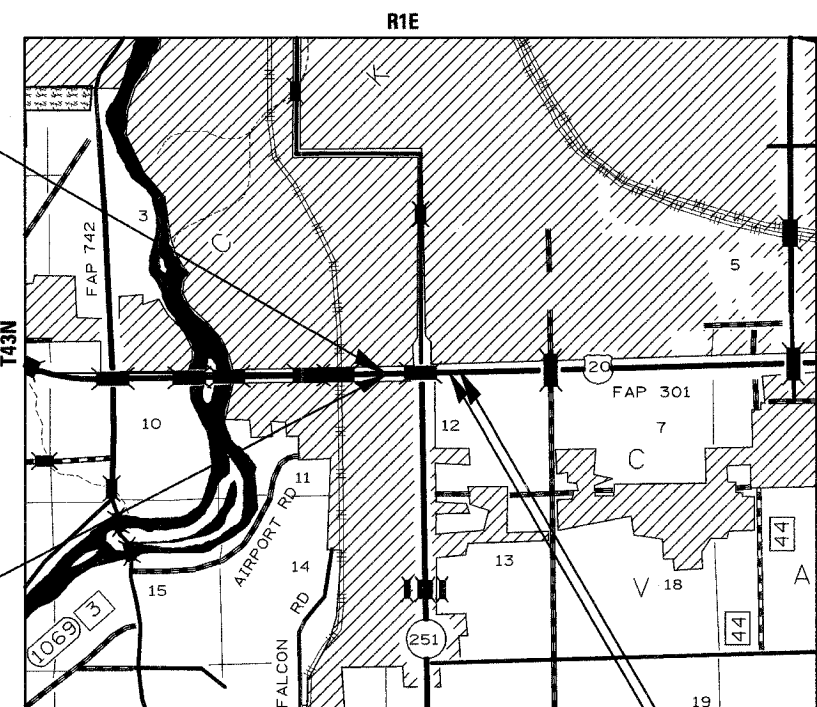
FOR INDEX OF SHEETS, SEE SHEET 2  
STANDARDS, SEE SHEET NO. 2

PROJECT ENGINEER: MASOOD AHMAD

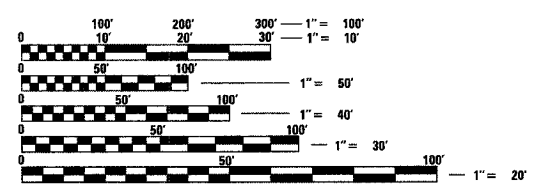
SQUAD LEADER: TRACI HELFRICH (815) 284-5932

IMPROVEMENT BEGINS  
STA 988+00

PROJECT BEGINS  
STA 990+03.9



PROJECT ENDS STA 996+83.3  
IMPROVEMENT ENDS STA 998+88



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

ROCKFORD TOWNSHIP, SECTION 12  
CONTRACT NO. 64292

GROSS LENGTH OF PROJECT = 679.4 LIN. FT = 0.13 MI.  
NET LENGTH = 679.4 LIN. FT. = 0.13 MI.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED 3/14 2008

*George E. Reed*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 9, 2008  
*Eric E. Harsh*  
INTERIM ENGINEER OF DESIGN AND ENVIRONMENT

May 9, 2008  
*Christie M. Reed*  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

REGION 2 DISTRICT 2  
DIXON, IL

# INDEX OF SHEETS AND STATE STANDARDS

CONTRACT NO. 64292				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HBR-2	WINNEBAGO	171	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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PLOT DATE = Fri Mar 14 06:28:17 2008  
 FILE NAME = c:\pvc\pva\c28238\c28238.dgn  
 PLOT SCALE = 0.14127 IN.  
 USER NAME = c28238

# GENERAL NOTES

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 301 (US 20)	3HBR-2	Winnebago	171	3
FED ROAD DIST. NO.	ILLINOIS	PROJECT		
Contract #64292				

See cross sections for special ditches and backslopes.

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

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

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

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

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

The subgrade on this project, exclusive of rock cut areas is scheduled to be improved to a 300 mm (12") depth according to Mechanistic Pavement Design. The areas scheduled to be improved to a depth greater than 300 mm (12") are estimated based on the original geotechnical investigation. The subgrade shall be processed in accordance with Article 301.03 of the Standard Specifications before the engineer shall determine the limits and the additional thickness of improvement required, if any. Any additional undercutting required after this evaluation shall be paid for as EARTH EXCAVATION.

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.

All embankment constructed of cohesive soil shall be constructed with not more than 110% of optimum moisture content, determined by the standard proctor test. Cohesive soil shall be defined as any soil which contains greater than 10% particles by weight passing the 75 µm (#200 sieve). The 110% of optimum moisture limit may be waived in free-draining granular material when approved by the Engineer.

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

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

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

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

The mandatory saw cuts for pavement patching are:

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

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

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

The following Mixture Requirements are applicable for this project:

Mixture Uses(s):	Surface	Top Shoulder	Bottom Shoulder	Binder
PG:	SBS PG 70-22	PG 58-22	PG 58-22	SBS PG 70-22
Design Air Voids	4.0 @ N90	3.0 @ N50	2.0 @ N50	4.0 @ N90
Mixture Composition (Gradation Mixture)	IL 9.5 or 12.5	IL 9.5 or 12.5	BAM or IL 19.0	IL 9.5 or 12.5
Friction Aggregate	E	C	N/A	N/A
20 Year ESAL	4.4	N/A	N/A	N/A

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.

These structures will retain the same numbers 101-0065 (EB) and 101-0066 (WB).

The contractor shall submit four copies of the required shop drawings for review and approval to the Bureau of Bridges and Structures, 2300 South Dirksen Parkway, Springfield, IL 62764. After approval of initial submittal, the contractor shall submit one set of shop drawings to Dave Lippert, Engineer of Materials, 126 East Ash Street, Springfield, IL 62706, and eight (8) sets of shop drawings to be distributed to:

- District 2 District Engineer (1)
- Fabricator (1)
- Contractor (2)
- Resident Engineer (2)
- District 2 Bureau of Materials (2)

The review and approval of temporary sheet piling will require 4 to 6 weeks. The Contractor shall schedule his work accordingly.

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

# GENERAL NOTES

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 301 (US 20)	3HBR-2	Winnebago	171	4
FED ROAD DIST. NO.	ILLINOIS	PROJECT		
Contract #64292				

The additional thickness of proposed pavement required to match the bridge approach pavement, shown in Standard 420401, shall be included in the cost of the proposed pavement and not paid for separately.

At bridge expansion joints, if temporary expansion joint bulkheads are attached to adjacent deck slabs or abutments for support, the Contractor shall cut the attachments as soon as the concrete has set to prevent joint damage due to horizontal contraction or expansion.

The curb is required on the bridge approach pavement as shown on Standard 420401.

Reflector Markers Type B shall be installed on the top of bridge parapet walls. The markers shall be according to Standard 635011 and the color and spacing according to Standard 635006, except the minimum is 2 per side.

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

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

Connecting bands for corrugated metal pipes shall be metal and shall be coated with the same material as the pipe sections. The connecting bands shall be a minimum of 18" wide.

Noses of curbed corner islands noted as 1 & 2 on Highway Standard 606301 shall be ramped unless the curb function is for the protection of pedestrians, signals, light standards or sign truss supports.

The Contractor shall install 450 mm (18") diameter formed openings in the Concrete Median Surface, spaced at intervals no greater than 75 mm (250 feet), and/or as directed by the Engineer. All existing pavement surfaces or other existing obstructions beneath these openings shall be removed by the Contractor. After the median is in place, core each opening down 1.2 m (4') and fill with dirt. All costs incurred shall be included in the contract unit price per Square Meter (Square Foot) for **MEDIAN (SPECIAL)**.

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

Embankment quantities for the construction of the Traffic Barrier Terminals as shown in the plans are included in quantities for Earth Excavation.

The Contractor shall supply the Resident Engineer with the manufacturer's installation requirements for the type of Steel Plate Beam Guardrail Terminal Type 1 Special (Tangent) or Steel Plate Beam Guardrail Terminal Type I Special (Flared).

One 16d galvanized nail shall be used to toe nail the wood block out to the wood post on all Traffic Barrier Terminal Type I Specials.

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

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

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

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

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

Work on this project will be in progress at the same time as work on the structure located 2.83 miles at Simpson Road & Prairie Road. Work on these projects shall be scheduled to keep interference between all the projects to a minimum. The contractors shall inform each other of progress of the projects and give fair warning to the other contractors when a problem might be encountered.

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:

West Shore Pipeline Co.  
Verizon  
NICOR Gas Co.  
Insight Communications  
Aldridge Electric

Commonwealth Edison Co.  
AT&T  
Rock River Water Reclamation Dist.  
Norlight Telecommunications

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:

Mr. John Martin  
Rockford Water Department  
425 E. State Street  
Rockford, IL 61104  
Ph. 815/961-3766

Mr. Kyle Lorenz  
Illinois Department of Transportation – Dist. 2  
819 Depot Avenue  
Dixon, IL 61021  
Ph. 815/284-5469

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

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

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

Tie the following to the existing concrete pavement		Length, size, and spacing of Tie Bars
Gutter or Curb & Gutter	Std. 606001	600 mm (24") long No. 20 (No. 6) @ 600 mm (24") centers
PCC Base Course	Std. 353001	600 mm (24") long No. 20 (No. 6) @ 750 mm (30") centers
PCC Pavement	Std. 420101	600 mm (24") long No. 20 (No. 6) @ 750 mm (30") centers

# GENERAL NOTES

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
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FED ROAD DIST. NO.	ILLINOIS	PROJECT		
Contract #64292				

Tie bars to be installed in accordance with the applicable portions of Article 420.05(b) of the Standard Specifications. See Highway Standard 420001 for detail on longitudinal construction joint grouted-in-place tie bar. The cost of the tie bars to be included in the cost of the PCC appurtenance adjacent to the existing pavement.

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.

Bituminous and Aggregate prime coat shall be placed in accordance with Section 406 of the Standard Specifications. The cost of the prime coats shall be included in the contract unit price per metric ton (ton) for POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, N90.

Federal Aviation Administration (FAA) shall be notified at least 3 business days prior to the structure being erected and again when the structure is removed.

The height of the cranes, derricks, etc. shall not exceed the overall heights as indicated on FAA Determinations located in the project report. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

FAA Determination is based, in part, on the foregoing description which includes specific coordinates and heights. Any changes in coordinates and/or heights will void this determination. Any future construction or alteration, increase to heights, requires separate notice to the FAA.

Therefore, the temporary structure will require a NOTAM (Notice to Airman).

Notification must be made to this office during our core business hours (Monday through Friday, 7:00 a.m. to 3:00 p.m.). You may provide the required notification to the FAA by phone or email.

E-mail is the preferred method of notification, and it must be sent to all the following addresses: [Fred.Souchet@faa.gov](mailto:Fred.Souchet@faa.gov), and [Carole.Bernacchi@faa.gov](mailto:Carole.Bernacchi@faa.gov). Please provide the following information:

1. In subject line, please enter "CRANE", then the aeronautical study number
2. Date and approximate time the crane will be going up
3. Anticipated amount of time the crane will be on site
4. Height above ground level (AGL) and above mean sea level (AMSL)

If notification is provided via e-mail, you must request return receipt. If you don't receive notification that your message was received, you will be required to call this office at 847/294-7458 or 847/294-8084. **DO NOT LEAVE THIS INFORMATION ON VOICE MAIL.** Voice mail is NOT ACCEPTABLE. You must coordinate with a real person.

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

# SUMMARY OF QUANTITIES

CONTRACT NO. 64292				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HBR-2	WINNEBAGO	171	6
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	US 20 J000 80% FED 20% STATE	BRIDGE X271-2A 80% FED 20% STATE
20200100	EARTH EXCAVATION	CU YD	8040	8040	
20700400	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	<b>227</b>		<b>227</b>
25000210	SEEDING, CLASS 2A	ACRE	5.50	5.50	
25000400	NITROGEN FERTILIZER NUTRIENTS	POUND	495	495	
25000500	PHOSPHORUS FERTILIZER NUTRIENTS	POUND	495	495	
25000600	POTASSIUM FERTILIZER NUTRIENTS	POUND	495	495	
25000750	MOWING	ACRE	5.50	5.50	
25100115	MULCH, METHOD 2	ACRE	5.50	5.50	
25100630	EROSION CONTROL BLANKET	SQ YD	2313	2313	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	6800	6800	
28000400	PERIMETER EROSION BARRIER	FOOT	5000	5000	
28000500	INLET AND PIPE PROTECTION	EACH	9	9	
31100910	SUB-BASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	8454	8454	
31200100	STABILIZED SUB-BASE 4"	SQ YD	935	935	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	428	428	
40600990	TEMPORARY RAMP	SQ YD	111	111	
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	939	939	
40603570	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE MIX "E", N 90	TON	973	973	
42000500	PORTLAND CEMENT CONCRETE PAVEMENT 10"	SQ YD	3403	3403	
42001165	BRIDGE APPROACH PAVEMENT	SQ YD	690	690	
42001200	PAVEMENT FABRIC	SQ YD	3117	3117	

• SPECIALTY ITEM ● 100% STATE

PLOT DATE = Thu Mar 13 13:02:11 2008  
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 USER NAME = dward

# SUMMARY OF QUANTITIES

CONTRACT NO. 64292				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HBR-2	WINNEBAGO	171	7
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	US 20 J000 80% FED 20% STATE	BRIDGE X271-2A 80% FED 20% STATE
42001420	BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)	SQ YD	160	160	
44000100	PAVEMENT REMOVAL	SQ YD	4674	4674	
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	8273	8273	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	926	926	
44004250	PAVED SHOULDER REMOVAL	SQ YD	5276	5276	
44200976	CLASS B PATCHES, TYPE IV, 10' INCH	SQ YD	91	91	
44201759	CLASS D PATCHES, TYPE IV, 9' INCH	SQ YD	91	91	
44213200	SAW CUTS	FOOT	144	144	
48101600	AGGREGATE SHOULDERS, TYPE B, 8"	SQ YD	1669	1669	
48102100	AGGREGATE WEDGE SHOULDERS, TYPE B	TON	358	358	
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	5621	5621	
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1	1	
50102400	CONCRETE REMOVAL	CU YD	63.2		63.2
50101500	REMOVAL OF EXISTING SUPERSTRUCTURES	EACH	2		2
50157300	PROTECTIVE SHIELD	SQ YD	1480		1480
50200100	STRUCTURE EXCAVATION	CU YD	270.9		270.9
50300225	CONCRETE STRUCTURES	CU YD	78.5		78.5
50300255	CONCRETE SUPERSTRUCTURES	CU YD	720		720
50300260	BRIDGE DECK GROOVING	SQ YD	2325		2325
50300300	PROTECTIVE COAT	SQ YD	2820		2820
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1		1

• SPECIALTY ITEM

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# SUMMARY OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HR-2	WINNEBAGO	171	8
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	US 20 J000 80% FED 20% STATE	BRIDGE X271-2A 80% FED 20% STATE
50500505	STUD SHEAR CONNECTORS	EACH	12672		12672
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	192,510		192,510
50800515	BAR SPLICERS	EACH	1,742		1,742
51205200	TEMPORARY SHEET PILING	SQ FT	554		554
51500100	NAME PLATES	EACH	2		2
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	32		32
52100020	ELASTOMERIC BEARING ASSEMBLY, TYPE II	EACH	32		32
52100520	ANCHOR BOLTS, 1"	EACH	128		128
52100540	ANCHOR BOLTS, 1 1/2"	EACH	32		32
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	64	64	
542D0217	PIPE CULVERTS, CLASS D, TYPE 1 12"	FOOT	66	66	
5421A024	PIPE CULVERTS, CLASS A, TYPE 1 24" (TEMPORARY)	FOOT	193	193	
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2	2	
54215547	METAL END SECTIONS 12"	EACH	4	4	
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	163		163
60255500	MANHOLES TO BE ADJUSTED	EACH	1	1	
60600095	CLASS SI CONCRETE (OUTLET )	CU YD	1.2	1.2	
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	166.5	166.5	
60109580	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	309		309
• 63000000	STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	750	750	
• 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2	2	

• SPECIALTY ITEM

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## SUMMARY OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HR-2	WINNEBAGO	171	9
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	US 20 J000 80% FED 20% STATE	BRIDGE X271-2A 80% FED 20% STATE
• 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	6	6	
• 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2	
• 63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	2	2	
63200310	GUARDRAIL REMOVAL	FOOT	1450	1450	
63500105	DELINEATORS	EACH	68	68	
64200105	SHOULDER RUMBLE STRIP	FOOT	1273	1273	
66700305	PERMANENT SURVEY MARKERS, TYPE II	EACH	4	4	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CALMO	24	24	
67100100	MOBILIZATION	L SUM	1	1	
70100207	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402	EACH	1	1	
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	1	
70100320	TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	L SUM	1	1	
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	10	10	
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1	
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	90	90	
70101800	TRAFFIC CONTROL AND PROTECTION,(SPECIAL)	L SUM	1	1	
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1	
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	1000	1000	
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	94	94	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	53498	53498	

• SPECIALTY ITEM

# SUMMARY OF QUANTITIES

CONTRACT NO. 64292

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HBR-2	WINNEBAGO	171	10
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	US 20 J000 80% FED 20% STATE	BRIDGE X271-2A 80% FED 20% STATE
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	739	739	
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	284	284	
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	132	132	
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	850	850	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	19251	19251	
70400100	TEMPORARY CONCRETE BARRIER	FOOT	1737.5	1737.5	
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1575	1575	
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS <sup>AND</sup> SYMBOLS	SQ FT	97	97	
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	14934	14934	
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	3706	3706	
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	84	84	
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	3285	3285	
* 78001140	PAINT PAVEMENT MARKING - LINE 8"	FOOT	691	691	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	20	20	
* 78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	12	12	
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	26	26	
* 78200520	BARRIER WALL MARKERS, TYPE B	EACH	112	112	
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4	
78300100	PAVEMENT MARKING REMOVAL	SQ FT	2124	2124	
78300200	RAISED REFLECTIVE PAVEMENT MARKING REMOVAL	EACH	20	20	
XX005938	SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	2	2	
X0300136	BRIDGE APPROACH SHOULDER REMOVAL	SQ YD	148	148	

\* SPECIALTY ITEM

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**SUMMARY OF QUANTITIES**

# SUMMARY OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HR-2	WINNEBAGO	171	11
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

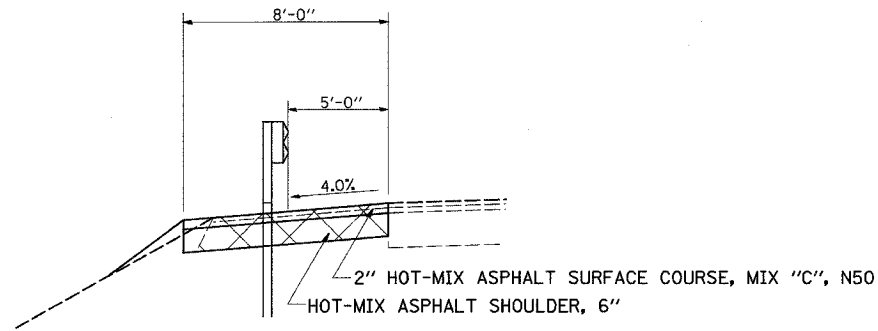
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			TOTAL QUANTITY	US 20 J000 80% FED 20% STATE	BRIDGE X271-2A 80% FED 20% STATE
X0712400	TEMPORARY PAVEMENT	SQ YD	4684	4684	
X0919000	TEMPORARY PAVEMENT REMOVAL	SQ YD	4684	4684	
X6063600	COMBINATION CURB AND GUTTER, TYPE M-4.24	FOOT	390	390	
X6064201	COMBINATION CURB AND GUTTER, TYPE M-4.06	FOOT	358	358	
X7013015	TRAFFIC CONTROL FOR ROAD CLOSURE	L SUM	1	1	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	
Z0017100	DOWEL BARS	EACH	80	80	
* Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2	2	
* Z0030350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2	2	
† Z0076600	TRAINEES	HOUR	500	500	
X0326102	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, N 90	TON	623	623	
X0325963	MEDIAN (SPECIAL)	SQ YD	254	254	

\* SPECIALTY ITEM  
 † YOBO

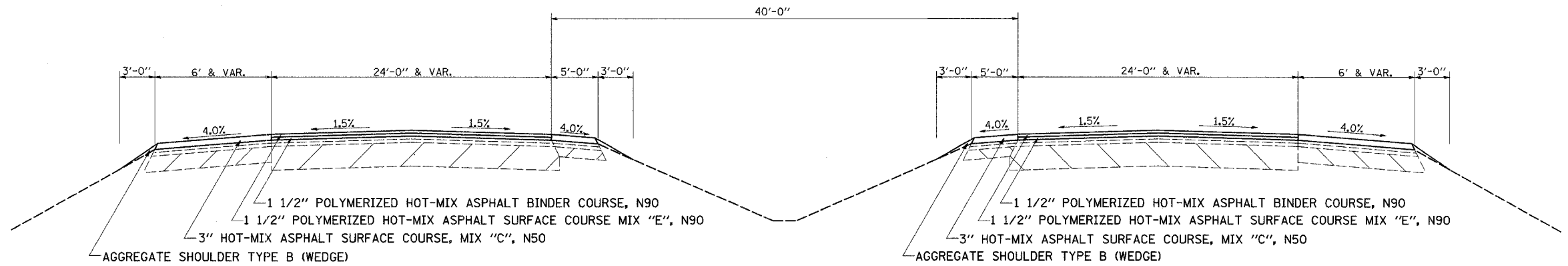
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301	3HBR-2	WINNEBAGO	171	12
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# TYPICAL SECTIONS

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 STA 988+72.1 TO STA 990+03.9 EB  
 STA 996+83.3 TO STA 998+15.5 WB

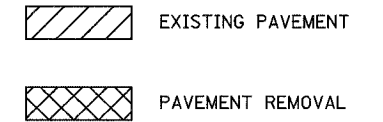
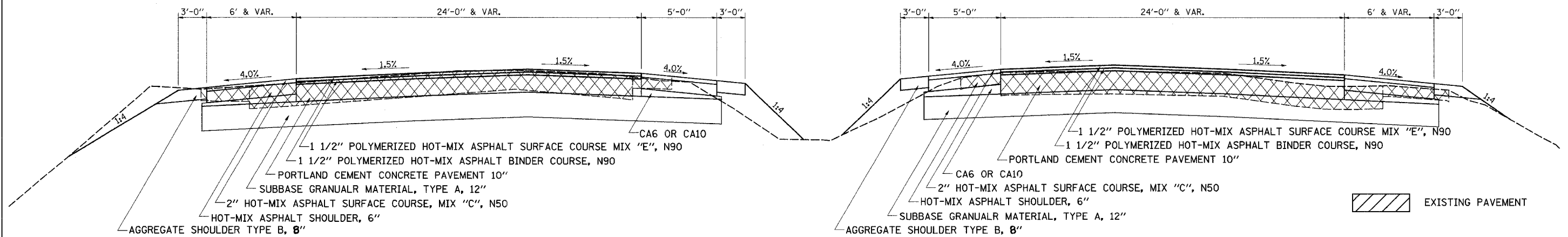


US 20  
 STA 991+46.4 TO STA 991+86.4 WB  
 STA 995+00.9 TO STA 995+40.9 EB



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

US 20  
 STA 990+03.9 TO STA 991+86.4 EB  
 STA 995+00.9 TO STA 996+83.3 WB

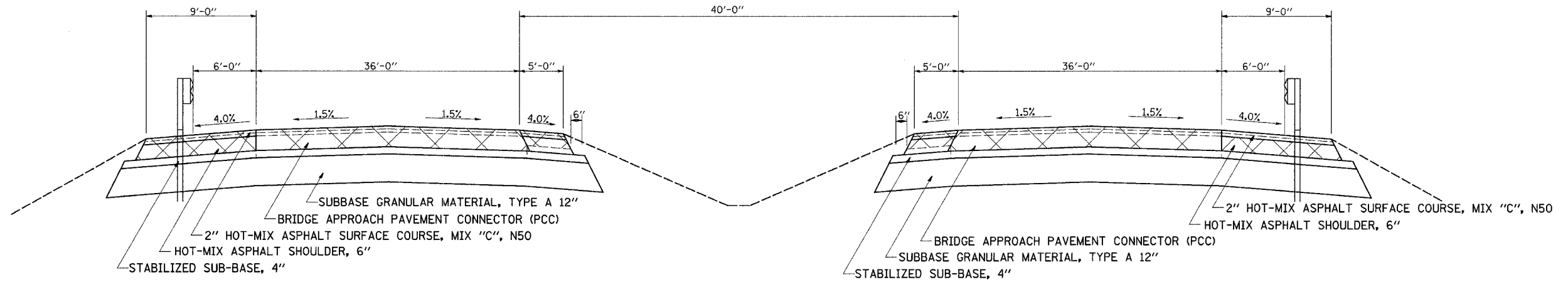


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STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

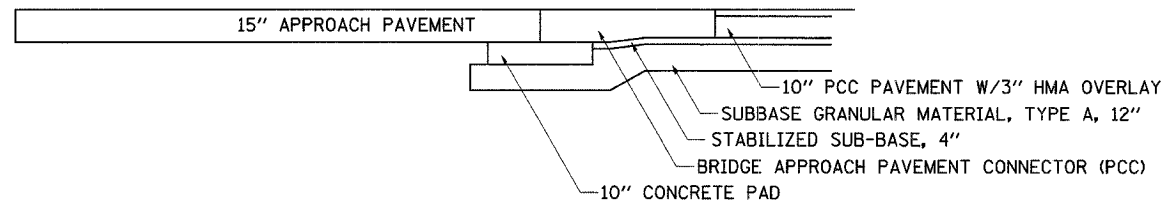
# TYPICAL SECTIONS

US 20  
CONNECTOR PAVEMENT  
STA 991+86.4 TO STA 991+96.4  
STA 994+90.9 TO STA 995+00.9

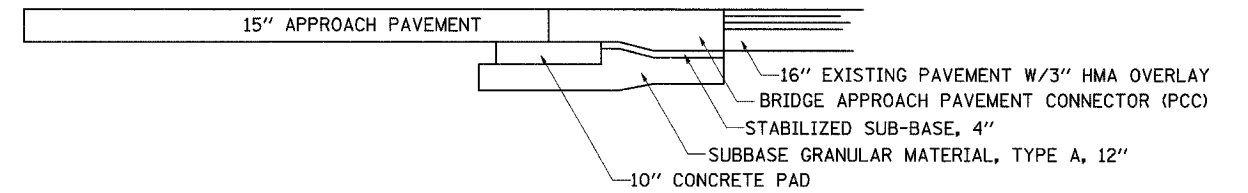




NOTE: HOT-MIX ASPHALT  
RATE OF APPLICATION: 112lb/sy/In

US 20  
CONNECTOR PAVEMENT DETAIL  
STA 991+86.4 TO STA 991+96.4 EB  
STA 994+90.9 TO STA 995+00.9 WB



US 20  
CONNECTOR PAVEMENT DETAIL  
STA 991+86.4 TO STA 991+96.4 WB  
STA 994+90.9 TO STA 995+00.9 EB



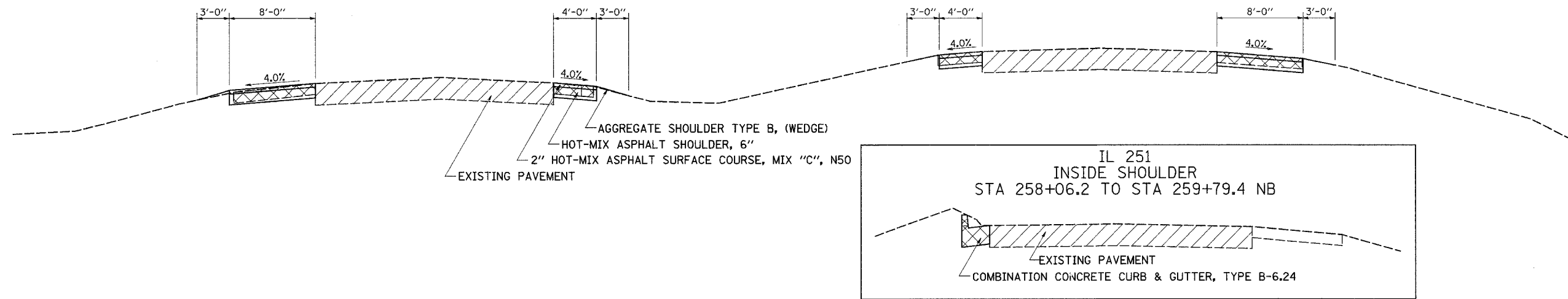
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301	3HBR-2	WINNEBAGO	171	14
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

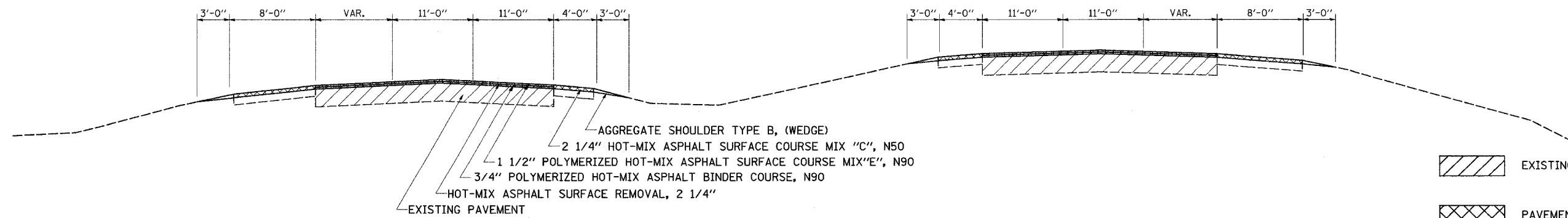
# TYPICAL SECTIONS

IL 251  
 INSIDE SHOULDERS  
 STA 245+55.9 TO STA 252+54.2 SB  
 STA 245+55.9 TO STA 248+09.3 NB  
 STA 254+46.2 TO STA 258+06.2 NB  
 STA 259+28.2 TO STA 260+02.8 SB  
 OUTSIDE SHOULDERS  
 STA 245+26.3 TO STA 245+85.8 NB  
 STA 259+70.8 TO STA 260+09.0 SB



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

IL 251  
 STA 249+22.9 TO STA 256+65.3



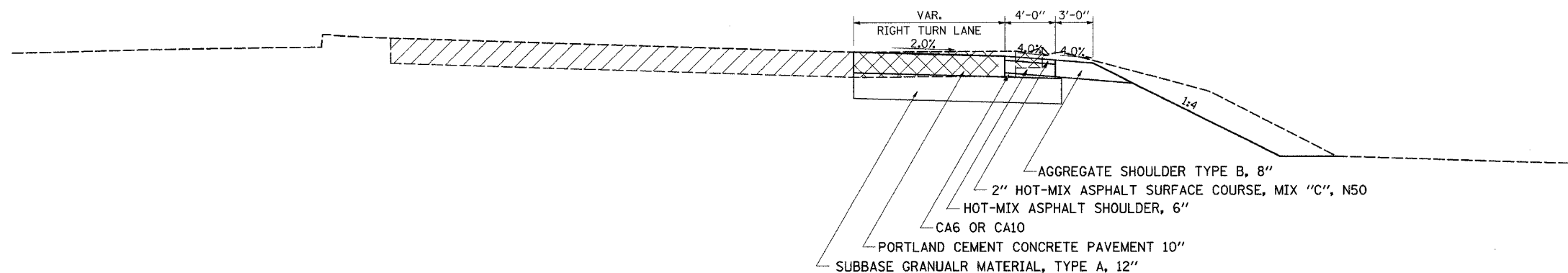
EXISTING PAVEMENT  
 PAVEMENT REMOVAL

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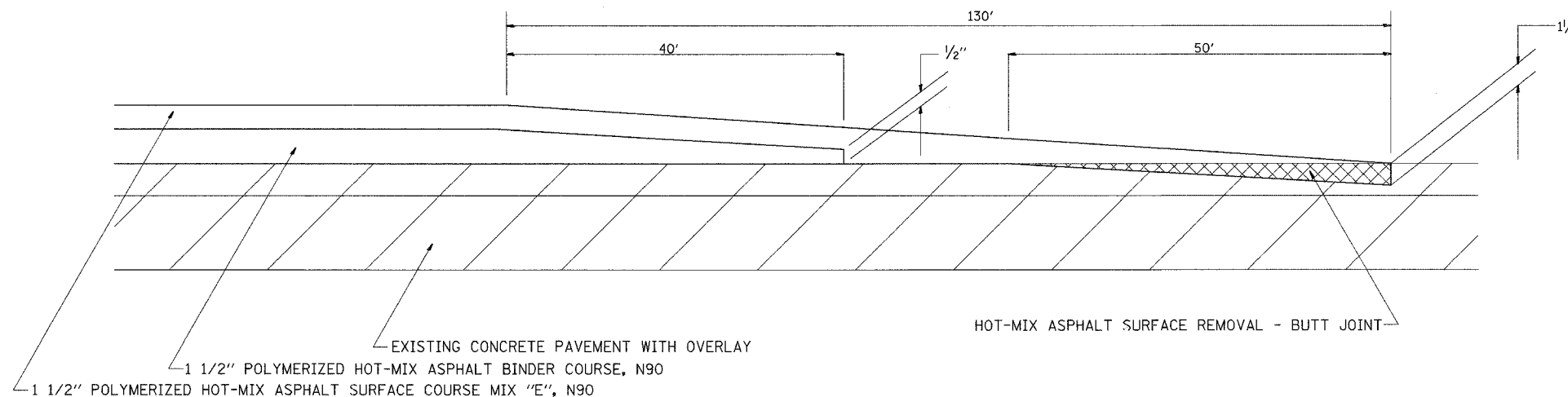
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301	3HBR-2	WINNEBAGO	171	15
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

# TYPICAL SECTIONS

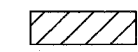
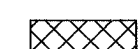
IL 251  
TURN LANE  
STA 260+33 TO STA 266+01.9



US 20  
TYPICAL TAPER  
STA 990+16.4 TO STA 991+46.4 WB  
STA 995+40.9 TO STA 996+70.9 EB



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

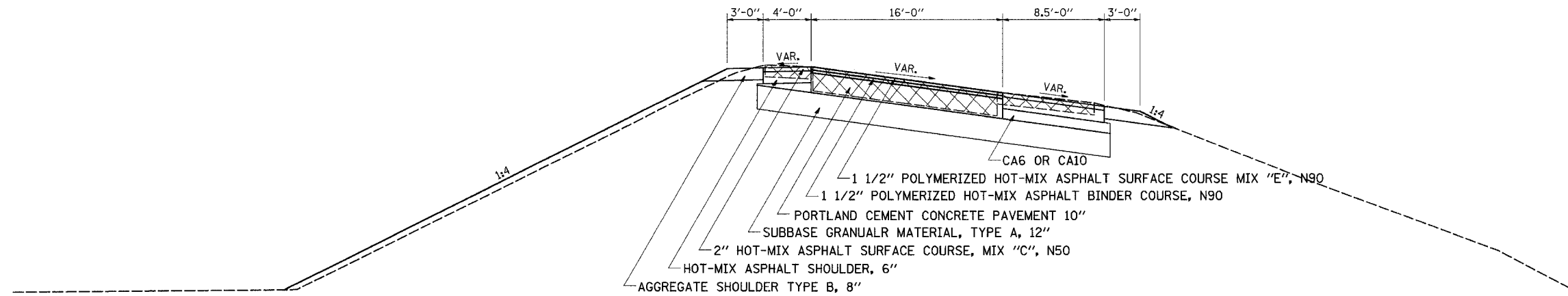
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-  PAVEMENT REMOVAL

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HBR-2	WINNEBAGO	171	16
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

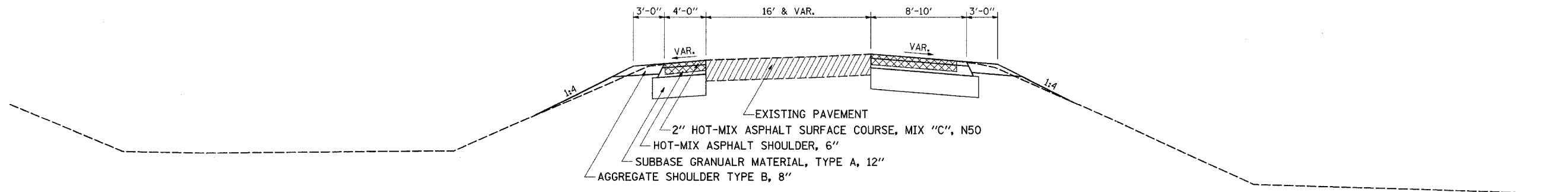
# TYPICAL SECTIONS



RAMP AC  
 STA 2411+02 TO STA 2413+54.5  
 RAMP BD  
 STA 2510+77 TO STA 2513+54



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

RAMP BC  
 STA 2603+46.4 TO STA 2611+35.3  
 RAMP AD  
 STA 2006+71.53 TO STA 2015+07.3



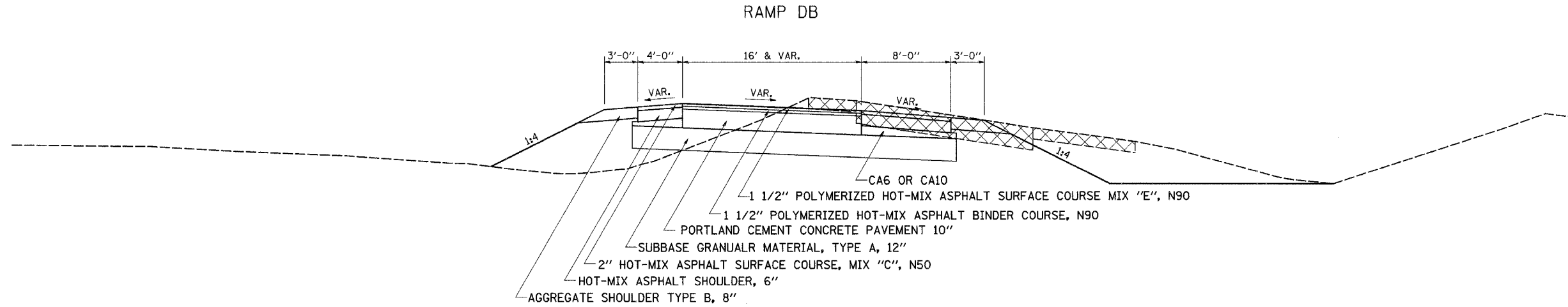
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-  PAVEMENT REMOVAL

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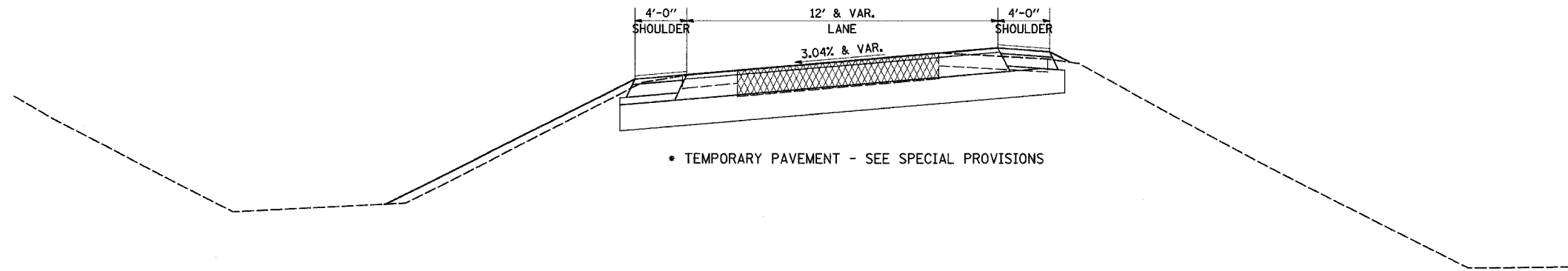


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HBR-2	WINNEBAGO	171	17
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

# TYPICAL SECTIONS



TEMPORARY RAMPS FOR  
RAMP BD TRAFFIC  
RAMP AC TRAFFIC



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

- EXISTING PAVEMENT
- PAVEMENT REMOVAL

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# SCHEDULE OF QUANTITIES

CONTRACT NO. 64292				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HBR-2	WINNEBAGO	171	18
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

## SCHEDULE OF QUANTITIES

### 20200100 EARTH EXCAVATION

CU YD	LOCATION	OFFSET	REMARKS
	US 20		
1216	988 + 00.0 TO 999 + 00.0		
	STAGE 1 IL 251		
1009	244 + 50.0 TO 260 + 50.0		LT TURN LANES FOR TEMP RAMPS
	IL 251		
281	245 + 50.0 TO 260 + 50.0		SHLDRS + TURNLANE REM
	RAMP BD		
660	2510 + 50.0 TO 2513 + 50.0		
	RAMP AC		
359	2411 + 00.0 TO 2413 + 50.0		
	EXISTING RAMP DB		
1390	2519 + 00.0 TO 2524 + 50.0		RAMP REMOVAL
	PROPOSED RAMP DB		
908	2516 + 00.0 TO 2519 + 50.0		RAMP REALIGNMENT
	EXISTING RAMP BC		
903	2603 + 00.0 TO 2611 + 00.0		SHOULDER WORK
	EXISTING RAMP AD		
911	2006 + 50.0 TO 2015 + 50.0		SHOULDER WORK
	TEMP RAMP AC		
231	30 + 00.0 TO 37 + 00.0		STAGE 4 -REMOVAL
	TEMP RAMP BD		
174	10 + 00.0 TO 18 + 00.0		STAGE 4 -REMOVAL
8040	TOTAL		

### 25000210 SEEDING, CLASS 2A

ACRE	LOCATION	OFFSET	REMARKS
	US 20		
0.50	988 + 00.0 TO 999 + 00.0		
	STAGE 1 IL 251		
0.25	244 + 50.0 TO 260 + 50.0		
	IL 251		
0.50	245 + 50.0 TO 260 + 50.0		
	RAMP BD		
0.25	2510 + 50.0 TO 2513 + 50.0		
	RAMP AC		
0.25	2411 + 00.0 TO 2413 + 50.0		
	EXISTING RAMP DB		
0.25	2519 + 00.0 TO 2524 + 50.0		
	PROPOSED RAMP DB		
0.50	2516 + 00.0 TO 2519 + 50.0		
	EXISTING RAMP BC		
0.50	2603 + 00.0 TO 2611 + 00.0		
	EXISTING RAMP AD		
0.50	2006 + 50.0 TO 2015 + 50.0		
	TEMP RAMP AC		
0.50	30 + 00.0 TO 37 + 00.0		STAGE 1
0.50	30 + 00.0 TO 37 + 00.0		AFTER TEMP PAV'T REMOVAL
	TEMP RAMP BD		
0.50	10 + 00.0 TO 18 + 00.0		STAGE 1
0.50	10 + 00.0 TO 18 + 00.0		AFTER TEMP PAV'T REMOVAL
5.50	TOTAL		

### 25000400 NITROGEN FERTILIZER NUTRIENTS

POUNDS	LOCATION	OFFSET	REMARKS
	US 20		
45.0	988 + 00.0 TO 999 + 00.0		
	STAGE 1 IL 251		
22.5	244 + 50.0 TO 260 + 50.0		
	IL 251		
45.0	245 + 50.0 TO 260 + 50.0		
	RAMP BD		
22.5	2510 + 50.0 TO 2513 + 50.0		
	RAMP AC		
22.5	2411 + 00.0 TO 2413 + 50.0		
	EXISTING RAMP DB		
22.5	2519 + 00.0 TO 2524 + 50.0		
	PROPOSED RAMP DB		
45.0	2516 + 00.0 TO 2519 + 50.0		
	EXISTING RAMP BC		
45.0	2603 + 00.0 TO 2611 + 00.0		
	EXISTING RAMP AD		
45.0	2006 + 50.0 TO 2015 + 50.0		
	TEMP RAMP AC		
45.0	30 + 00.0 TO 37 + 00.0		
45.0	30 + 00.0 TO 37 + 00.0		AFTER TEMP PAV'T REMOVAL
	TEMP RAMP BD		
45.0	10 + 00.0 TO 18 + 00.0		
45.0	10 + 00.0 TO 18 + 00.0		AFTER TEMP PAV'T REMOVAL
495.0	TOTAL		

### 25000500 PHOSPHORUS FERTILIZER NUTRIENTS

POUNDS	LOCATION	OFFSET	REMARKS
	US 20		
45.0	988 + 00.0 TO 999 + 00.0		
	STAGE 1 IL 251		
22.5	244 + 50.0 TO 260 + 50.0		
	IL 251		
45.0	245 + 50.0 TO 260 + 50.0		
	RAMP BD		
22.5	2510 + 50.0 TO 2513 + 50.0		
	RAMP AC		
22.5	2411 + 00.0 TO 2413 + 50.0		
	EXISTING RAMP DB		
22.5	2519 + 00.0 TO 2524 + 50.0		
	PROPOSED RAMP DB		
45.0	2516 + 00.0 TO 2519 + 50.0		
	EXISTING RAMP BC		
45.0	2603 + 00.0 TO 2611 + 00.0		
	EXISTING RAMP AD		
45.0	2006 + 50.0 TO 2015 + 50.0		
	TEMP RAMP AC		
45.0	30 + 00.0 TO 37 + 00.0		
45.0	30 + 00.0 TO 37 + 00.0		AFTER TEMP PAV'T REMOVAL
	TEMP RAMP BD		
45.0	10 + 00.0 TO 18 + 00.0		
45.0	10 + 00.0 TO 18 + 00.0		AFTER TEMP PAV'T REMOVAL
495.0	TOTAL		

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 USER NAME = dmsdd

# SCHEDULE OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HR-2	WINNEBAGO	171	19
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

25000600	POTASSIUM FERTILIZER NUTRIENTS			
	POUNDS	LOCATION	OFFSET	REMARKS
		US 20		
		US 20		
45.0		988 + 00.0 TO 999 + 00.0		
		STAGE 1 IL 251		
22.5		244 + 50.0 TO 260 + 50.0		
		IL 251		
45.0		245 + 50.0 TO 260 + 50.0		
		RAMP BD		
22.5		2510 + 50.0 TO 2513 + 50.0		
		RAMP AC		
22.5		2411 + 00.0 TO 2413 + 50.0		
		EXISTING RAMP DB		
22.5		2519 + 00.0 TO 2524 + 50.0		
		PROPOSED RAMP DB		
45.0		2516 + 00.0 TO 2519 + 50.0		
		EXISTING RAMP BC		
45.0		2603 + 00.0 TO 2611 + 00.0		
		EXISTING RAMP AD		
45.0		2006 + 50.0 TO 2015 + 50.0		
		TEMP RAMP AC		
45.0		30 + 00.0 TO 37 + 00.0		
45.0		30 + 00.0 TO 37 + 00.0		AFTER TEMP PAV'T REMOVAL
		TEMP RAMP BD		
45.0		10 + 00.0 TO 18 + 00.0		
45.0		10 + 00.0 TO 18 + 00.0		AFTER TEMP PAV'T REMOVAL
495.0	TOTAL			

25100115	MULCH METHOD 2			
	ACRE	LOCATION	OFFSET	REMARKS
		US 20		
0.50		988 + 00.0 TO 999 + 00.0		
		STAGE 1 IL 251		
0.25		244 + 50.0 TO 260 + 50.0		
		IL 251		
0.50		245 + 50.0 TO 260 + 50.0		
		RAMP BD		
0.25		2510 + 50.0 TO 2513 + 50.0		
		RAMP AC		
0.25		2411 + 00.0 TO 2413 + 50.0		
		EXISTING RAMP DB		
0.25		2519 + 00.0 TO 2524 + 50.0		
		PROPOSED RAMP DB		
0.50		2516 + 00.0 TO 2519 + 50.0		
		EXISTING RAMP BC		
0.50		2603 + 00.0 TO 2611 + 00.0		
		EXISTING RAMP AD		
0.50		2006 + 50.0 TO 2015 + 50.0		
		TEMP RAMP AC		
0.50		30 + 00.0 TO 37 + 00.0		
0.50		30 + 00.0 TO 37 + 00.0		AFTER TEMP PAV'T REMOVAL
		TEMP RAMP BD		
0.50		10 + 00.0 TO 18 + 00.0		
0.50		10 + 00.0 TO 18 + 00.0		AFTER TEMP PAV'T REMOVAL
5.50	TOTAL			

25000750	MOWING			
	ACRE	LOCATION	OFFSET	REMARKS
		US 20		
0.50		988 + 00.0 TO 999 + 00.0		
		STAGE 1 IL 251		
0.25		244 + 50.0 TO 260 + 50.0		
		IL 251		
0.50		245 + 50.0 TO 260 + 50.0		
		RAMP BD		
0.25		2510 + 50.0 TO 2513 + 50.0		
		RAMP AC		
0.25		2411 + 00.0 TO 2413 + 50.0		
		EXISTING RAMP DB		
0.25		2519 + 00.0 TO 2524 + 50.0		
		PROPOSED RAMP DB		
0.50		2516 + 00.0 TO 2519 + 50.0		
		EXISTING RAMP BC		
0.50		2603 + 00.0 TO 2611 + 00.0		
		EXISTING RAMP AD		
0.50		2006 + 50.0 TO 2015 + 50.0		
		TEMP RAMP AC		
0.50		30 + 00.0 TO 37 + 00.0		
0.50		30 + 00.0 TO 37 + 00.0		AFTER TEMP PAV'T REMOVAL
		TEMP RAMP BD		
0.50		10 + 00.0 TO 18 + 00.0		
0.50		10 + 00.0 TO 18 + 00.0		AFTER TEMP PAV'T REMOVAL
5.50	TOTAL			

25100630	EROSION CONTROL BLANKET			
	SQ YD	LOCATION	OFFSET	REMARKS
		IL 251		
2313		244 + 50.0 TO 264 + 08.0		REMOVAL AREA OF RAMP DB
2313	TOTAL			

28000250	TEMPORARY EROSION CONTROL SEEDING			
	POUND	LOCATION	OFFSET	REMARKS
		US 20		
800		988 + 00.0 TO 999 + 00.0		ASSUME 16 APPLICATIONS
		STAGE 1 IL 251		
400		244 + 50.0 TO 260 + 50.0		ASSUME 16 APPLICATIONS
		IL 251		
400		245 + 50.0 TO 260 + 50.0		ASSUME 16 APPLICATIONS
		RAMP BD		
400		2510 + 50.0 TO 2513 + 50.0		ASSUME 16 APPLICATIONS
		RAMP AC		
400		2411 + 00.0 TO 2413 + 50.0		ASSUME 16 APPLICATIONS
		EXISTING RAMP DB		
400		2519 + 00.0 TO 2524 + 50.0		ASSUME 16 APPLICATIONS
		PROPOSED RAMP DB		
800		2516 + 00.0 TO 2519 + 50.0		ASSUME 16 APPLICATIONS
		EXISTING RAMP BC		
800		2603 + 00.0 TO 2611 + 00.0		ASSUME 16 APPLICATIONS
		EXISTING RAMP AD		
800		2006 + 50.0 TO 2015 + 50.0		ASSUME 16 APPLICATIONS
		TEMP RAMP AC		
800		30 + 00.0 TO 37 + 00.0		ASSUME 16 APPLICATIONS
		TEMP RAMP BD		
800		10 + 00.0 TO 18 + 00.0		ASSUME 16 APPLICATIONS
800	TOTAL			

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# SCHEDULE OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HBR-2	WINNEBAGO	1711	20
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

28000400	PERIMETER EROSION BARRIER			
FOOT	LOCATION	OFFSET	REMARKS	
5000	TO BE USED AS NEEDED			

28000500	INLET AND PIPE PROTECTION			
EACH	LOCATION	OFFSET	REMARKS	
	US 20			
1	988 + 19.0		MEDIAN	
1	998 + 69.5		MEDIAN	
	TEMP RAMP AC			
1	31 + 41.6		STAGE 1	
	TEMP RAMP BD			
1	10 + 76.3		STAGE 1	
	RAMP BC			
1	2605 + 34.0		STAGE 1	
	RAMP DB			
1	2518 + 58.5		STAGE 1	
	IL 251			
1	245 + 00.0	NB	STAGE 1	
1	249 + 00.0	NB	STAGE 1	
1	264 + 08.0	NB	STAGE 1	
9	TOTAL			

42001200	PAVEMENT FABRIC			
SQ YD	LOCATION	OFFSET	REMARKS	
	IL 251			
47.7	244 + 90.3 TO 245 + 09.8		STAGE 4	
42.8	248 + 91.3 TO 249 + 08.8		STAGE 4	
90.5	TOTAL			

44200976	CLASS B PATCHES TYPE IV, 10"			
SQ YD	LOCATION	OFFSET	REMARKS	
	IL 251			
47.7	244 + 90.3 TO 245 + 09.8		STAGE 4	
42.8	248 + 91.3 TO 249 + 08.8		STAGE 4	
90.5	TOTAL			

44201759	CLASS D PATCHES TYPE IV, 9"			
SQ YD	LOCATION	OFFSET	REMARKS	
	IL 251			
47.7	244 + 90.3 TO 245 + 09.8		TEMP PATCH - STAGE 1	
42.8	248 + 91.3 TO 249 + 08.8		TEMP PATCH - STAGE 1	
90.5	TOTAL			

44213200	SAW CUTS			
FOOT	LOCATION	OFFSET	REMARKS	
	IL 251			
72	244 + 90.3 TO 245 + 09.8	NB		
72	248 + 91.3 TO 249 + 08.8	NB		
144	TOTAL			

542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"			
FOOT	LOCATION	OFFSET	REMARKS	
	RAMP DB			
64	2518 + 58.5			

542D0217	PIPE CULVERTS, CLASS D, TYPE 1 12"			
FOOT	LOCATION	OFFSET	REMARKS	
	US 20			
33	988 + 19.0 TO 988 + 52.1		MEDIAN DRAINAGE	
33	998 + 36.5 TO 998 + 69.5		MEDIAN DRAINAGE	
66	TOTAL			

5421A024	PIPE CULVERTS, CLASS A, TYPE 1 24" (TEMPORARY)			
FOOT	LOCATION	OFFSET	REMARKS	
	TEMP RAMP AC			
36	31 + 41.6		STAGE 1	
	TEMP RAMP BD			
52	10 + 76.3		STAGE 1	
	IL 251			
60	245 + 00.0	NB	STAGE 1	
45	249 + 00.0	NB	STAGE 1	
193	TOTAL			

54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, 24"			
EACH	LOCATION	OFFSET	REMARKS	
	RAMP DB			
2	2518 + 58.5			

54215547	METAL END SECTIONS 12"			
EACH	LOCATION	OFFSET	REMARKS	
	US 20			
1	988 + 19.0		MEDIAN DRAINAGE	
1	988 + 52.1		MEDIAN DRAINAGE	
1	998 + 36.5		MEDIAN DRAINAGE	
1	998 + 69.5		MEDIAN DRAINAGE	
4	TOTAL			

60255500	MANHOLES TO BE ADJUSTED			
EACH	LOCATION	OFFSET	REMARKS	
	US 20			
1	995 + 18.0	62.9' RT	EB	

63000000	STEEL PLATE BEAM GUARDRAIL, TYPE A			
FOOT	LOCATION	OFFSET	REMARKS	
	US 20			
300	988 + 84.6 TO 991 + 84.6	LT	EB	
62.5	991 + 22.1 TO 991 + 84.6	LT	WB	
12.5	991 + 72.1 TO 991 + 84.6	RT	EB	
62.5	995 + 03.0 TO 995 + 65.5	RT	EB	
12.5	995 + 03.0 TO 995 + 15.5	LT	WB	
300	995 + 03.0 TO 998 + 03.0	RT	WB	
750	TOTAL			

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# SCHEDULE OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HBR-2	WINNEBAGO	171	21
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

63100045	<u>TRAFFIC BARRIER TERMINAL, TYPE 2</u>				
	US 20				
	1	991 + 09.6	TO 991 + 22.1	LT	WB
	<u>1</u>	995 + 65.5	TO 995 + 78.0	RT	EB
	2	TOTAL			

63100085	<u>TRAFFIC BARRIER TERMINAL, TYPE 6</u>				
	EACH	LOCATION	OFFSET	REMARKS	
		US 20			
	1	991 + 84.6	TO 992 + 27.6	LT	WB
	2	991 + 84.6	TO 992 + 27.6	LT & RT	EB
	2	994 + 60.0	TO 995 + 03.0	LT & RT	WB
	<u>1</u>	994 + 60.0	TO 995 + 03.0	RT	EB
	6	TOTAL			

63100167	<u>TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)</u>				
	EACH	LOCATION	OFFSET	REMARKS	
		US 20			
	1	991 + 22.1	TO 991 + 72.1	RT	EB
	<u>1</u>	995 + 15.5	TO 995 + 65.5	LT	WB
	2	TOTAL			

63100169	<u>TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (FLARED)</u>				
	EACH	LOCATION	OFFSET	REMARKS	
		US 20			
	1	988 + 34.6	TO 988 + 84.6	LT	EB
	<u>1</u>	998 + 03.0	TO 998 + 53.0	RT	WB
	2	TOTAL			

63200310	<u>GUARDRAIL REMOVAL</u>				
	FOOT	LOCATION	OFFSET	REMARKS	
		US 20			
	400	988 + 27.7	TO 992 + 27.7	LT	EB
	200	990 + 22.7	TO 992 + 22.7	RT	EB
	150	990 + 68.2	TO 992 + 18.2	LT	WB
	187.5	994 + 59.8	TO 996 + 47.3	LT	WB
	387.5	994 + 59.8	TO 998 + 47.3	RT	WB
	<u>125</u>	994 + 68.9	TO 995 + 93.9	RT	EB
	1450	TOTAL			

63500105	<u>DELINEATORS</u>				
	EACH	LOCATION	OFFSET	REMARKS	
		US 20			
	1	988 + 34.6		LT	EB
	1	991 + 09.6		LT	WB
	1	991 + 22.1		RT	EB
	1	995 + 65.5		LT	WB
	1	995 + 78.0		RT	EB
	1	998 + 53.0		RT	WB
		<u>RAMP BC</u>			
	18	2603 + 46.4	TO 2611 + 35.3	RT & LT	
		<u>RAMP DB</u>			
	8	2516 + 50.0	TO 2519 + 60.9	RT & LT	
	2	2518 + 58.5		RT & LT	AR CULVERT
		<u>RAMP BD</u>			
	8	2510 + 77.0	TO 2513 + 54.0	RT & LT	
		<u>RAMP AC</u>			
	8	2411 + 02.0	TO 2413 + 54.5	RT & LT	
		<u>RAMP AD</u>			
	<u>18</u>	2006 + 71.5	TO 2015 + 07.3	RT & LT	
	68	TOTAL			

64200105	<u>SHOULDER RUMBLE STRIP</u>				
	FOOT	LOCATION	OFFSET	REMARKS	
		US 20			
	426	988 + 00.0	TO 992 + 26.4	LT	EB
	210	990 + 16.4	TO 992 + 26.4	RT	EB
	210	994 + 60.9	TO 996 + 70.9	LT	WB
	<u>426</u>	994 + 60.9	TO 998 + 87.0	RT	WB
	1273	TOTAL			

70300100	<u>SHORT TERM PAVEMENT MARKING</u>				
	FOOT	LOCATION	OFFSET	REMARKS	
	1000	TO BE USED AS NEEDED			

70300210	<u>TEMPORARY PAVEMENT MARKING - LETTERS &amp; SYMBOLS</u>				
	SQ. FT.	LOCATION	OFFSET	REMARKS	
		STAGE 3A			
		IL 251			
	46.8	245 + 68.0	TO 251 + 43.4	SB	TURNBAY 3 LT ARROWS
	<u>46.8</u>	255 + 00.0	TO 260 + 00.0	NB	TURNBAY 3 LT ARROWS
	93.6	TOTAL			

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 USER NAME = dmsidd

# SCHEDULE OF QUANTITIES

CONTRACT NO. 64292			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
301	3HBR-2	WINNEBAGO	171
STA.		TO STA.	
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT

70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	OFFSET	REMARKS
	EQOI	LOCATION	
		STAGE 1	
534.3	AIRPORT DR		YELLOW
	IL 251		
3161.7	NB		WHITE
1719.5	SB		WHITE
498.5	RAMP AD		WHITE
183.0	RAMP CB		WHITE
116.9	RAMP AC		WHITE
298.4	RAMP DA		WHITE
189.3	RAMP BC		WHITE
	STAGE 1A		
	IL 251		
2490.0	NB		YELLOW
2147.0	SB		YELLOW
	STAGE 2		
	US 20		
428.7	EB		WHITE
361.5	WB		WHITE
2508.1	EB		YELLOW
2498.7	WB		YELLOW
71.7	RAMP DA		WHITE
104.6	RAMP AC		WHITE
38.7	RAMP CB		WHITE
	STAGE 3		
2864.2	EB		WHITE
2872.9	WB		WHITE
915.5	EB		YELLOW
1079.7	WB		YELLOW
296.5	RAMP DA		WHITE
459.7	RAMP CA		WHITE
299.9	RAMP CB		WHITE
460.2	RAMP DB		WHITE
	STAGE 2A		
	IL 251		
1745.3	NB		WHITE
2422.9	SB		WHITE
533.8	NB		YELLOW
701.7	SB		YELLOW
	STAGE 2A		
	IL 251		
1867.5	NB		YELLOW
1956.0	SB		YELLOW
	STAGE 3A		
534.3	AIRPORT DR		YELLOW
	IL 251		
2317.4	NB		WHITE
2501.4	SB		WHITE
1460.4	RAMP AD		WHITE
835.8	RAMP AD		YELLOW
37.4	RAMP CA		WHITE
173.5	RAMP CB		WHITE
233.3	RAMP DA		WHITE
22.6	RAMP DB		WHITE
1110.9	RAMP BC		WHITE
788.9	RAMP BC		YELLOW

CONT. 70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	EQOI	LOCATION	OFFSET	REMARKS
		343.8	TEMPORARY RAMP BD		WHITE
		485.0	TEMPORARY RAMP BD		YELLOW
		269.0	TEMPORARY RAMP AC		WHITE
		405.0	TEMPORARY RAMP AC		YELLOW
			STAGE 3B		
			AIRPORT DR		YELLOW
			IL 251		
		894.1	NB		WHITE
		1762.0	SB		WHITE
		2677.1	NB		YELLOW
		820.0	SB		YELLOW
		53498.3	TOTAL		

70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	EQOI	LOCATION	OFFSET	REMARKS
			STAGE 3A		
			IL 251		
		401.5	245 + 68.0 TO 249 + 63.5		
		337.7	256 + 41.2 TO 259 + 78.8		
		739.2	TOTAL		

70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	EQOI	LOCATION	OFFSET	REMARKS
			STAGE 3A		
		151.8	RAMP AD		
		132.5	RAMP BC TO 249 + 63.5		
		284.3	TOTAL		

70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	EQOI	LOCATION	OFFSET	REMARKS
			STAGE 2A		
		33	RAMP CB		
		33	RAMP DA		
			STAGE 3A		
		33	RAMP CB		
		33	RAMP DA		
		132	TOTAL		

70300520	PAVEMENT MARKING TAPE, TYPE III 4"	EQOI	LOCATION	OFFSET	REMARKS
			STAGE 1		
		350	RAMP DB		CLOSURE/DETOUR
		250	RAMP BC		CLOSURE/DETOUR
		250	RAMP AD		CLOSURE/DETOUR
		850	TOTAL		

PLOT DATE = Fri, Mar 14 09:21:48 2008  
 FILE NAME = c:\projects\2008\301\301.dgn  
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 USER NAME = dmsadd

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HR-2	WINNEBAGO	171	23
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# SCHEDULE OF QUANTITIES

70301000	WORKZONE PAVEMENT MARKING REMOVAL				REMARKS
	SQ FT	LOCATION	OFFSET		
	93.6	TEMPORARY LETTERS & SYMBOLS			
	18116.1	TEMPORARY - LINE 4" & TAPE TY III 4"			
	493	TEMPORARY - LINE 8"			
	284	TEMPORARY - LINE 12"			
	264	TEMPORARY - LINE 24"			
	19251	TOTAL			
70400100	TEMPORARY CONCRETE BARRIER				REMARKS
	FOOT	LOCATION	OFFSET		
		US 20			
	875.0	988 + 10.2 TO 996 + 85.6	EB	STAGE 2	
	862.5	990 + 13.8 TO 998 + 76.2	WB	STAGE 2	
	1737.5	TOTAL			
70400200	RELOCATE TEMPORARY CONCRETE BARRIER				REMARKS
	FOOT	LOCATION	OFFSET		
	762.5	987 + 61.6 TO 995 + 25.0	WB	STAGE 3	
	812.5	991 + 26.3 TO 999 + 38.6	EB	STAGE 3	
	1575.0	TOTAL			
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS				REMARKS
	SQ FT	LOCATION	OFFSET		
		IL 251			
	62.0	264 + 00.0 TO 266 + 42.0		2 RT & 2 LT ARROWS	
	23.6	264 + 00.0 TO 266 + 42.0		2 SETS OF "ONLY" (6 FT)	
	11.5	AIRPORT DR		REPLACE THRU ARROW	
	97.1	TOTAL			
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"				REMARKS
	FOOT	LOCATION	OFFSET		
		US 20			
	426.4	988 + 00.0 TO 992 + 26.4	LT - EB	YELLOW - EDGELINE	
	55.6	990 + 03.9 TO 992 + 26.4	EB	WHITE - SKIPDASH	
	210.0	990 + 16.4 TO 992 + 26.4	RT - WB	YELLOW - EDGELINE	
	52.5	990 + 16.4 TO 992 + 26.4	WB	WHITE - SKIPDASH	
	546.5	990 + 16.4 TO 992 + 26.4	LT - WB	WHITE - EDGELINE	
	545.9	991 + 25.1 TO 996 + 70.9	RT - EB	WHITE - EDGELINE	
	11.2	991 + 81.6 TO 992 + 26.4	EB	WHITE - SKIPDASH	
	5.6	992 + 03.9 TO 992 + 26.4	EB	WHITE - SKIPDASH	
	210.0	994 + 60.9 TO 996 + 70.9	LT - EB	YELLOW - EDGELINE	
	426.1	994 + 60.9 TO 998 + 87.0	RT - WB	YELLOW - EDGELINE	
		IL 251 - NB			
	551.6	244 + 90.3 TO 250 + 41.9	RT	WHITE - EDGELINE	
	2151.7	244 + 90.3 TO 266 + 42.0	LT	YELLOW - EDGELINE	
	537.9	244 + 90.3 TO 266 + 42.0		WHITE - SKIPDASH	
	37.1	252 + 42.2 TO 253 + 90.7	RT	WHITE - SKIPDASH	
	49.4	262 + 51.8 TO 264 + 00.0	RT	WHITE - SKIPDASH	
	36.2	262 + 91.4 TO 264 + 00.0	LT	WHITE - SKIPDASH (TURNLANE)	
		IL 251 - SB			
	2086.1	245 + 55.9 TO 266 + 42.0	RT	YELLOW - EDGELINE	
	521.5	245 + 55.9 TO 266 + 42.0		WHITE - SKIPDASH	
	317.0	245 + 55.9 TO 248 + 72.9	LT	WHITE - EDGELINE	
	31.6	252 + 14.4 TO 253 + 40.6	LT	WHITE - SKIPDASH	
	695.5	255 + 40.6 TO 262 + 36.1	LT	WHITE - EDGELINE	
	334.8	262 + 36.1 TO 265 + 70.9	LT	WHITE - EDGELINE (RAMP)	

CONT. 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"				REMARKS
	FOOT	LOCATION	OFFSET		
		RAMP BD			
	232.4	2510 + 77.0 TO 2513 + 09.4	LT	YELLOW - EDGELINE	
	349.6	2510 + 77.0 TO 2514 + 26.6	RT	WHITE - EDGELINE	
		RAMP AC			
	208.3	2411 + 02.0 TO 2413 + 10.3	LT	YELLOW - EDGELINE	
	324.8	2411 + 02.0 TO 2414 + 26.8	RT	WHITE - EDGELINE	
		RAMP DB			
	300.8	2516 + 50.0 TO 2413 + 54.5	LT	YELLOW - EDGELINE	
	428.5	2516 + 50.0 TO 2413 + 54.5	RT	WHITE - EDGELINE	
		RAMP BC			
	788.9	2603 + 46.4 TO 2611 + 35.3	LT	YELLOW - EDGELINE	
	788.9	2603 + 46.4 TO 2611 + 35.3	RT	WHITE - EDGELINE	
		RAMP AD			
	835.8	2006 + 71.5 TO 2015 + 07.3	LT	YELLOW - EDGELINE	
	835.8	2006 + 71.5 TO 2015 + 07.3	RT	WHITE - EDGELINE	
	14934.0	TOTAL			

78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"				REMARKS
	FOOT	LOCATION	OFFSET		
		US 20			
	307.0	990 + 03.9 TO 992 + 03.9	RT - EB	WHITE - EDGELINE	
	185.0	990 + 16.4 TO 991 + 81.6	LT - WB	WHITE - EDGELINE	
	271.0	994 + 82.2 TO 996 + 83.3	LT - WB	WHITE - EDGELINE	
	218.0	994 + 86.6 TO 996 + 70.9	RT - EB	WHITE - EDGELINE	
		IL 251			
	531.7	248 + 72.9 TO 252 + 14.4	LT - SB	WHITE - EDGELINE	
	401.5	250 + 41.9 TO 252 + 42.2	RT - NB	WHITE - EDGELINE	
	397.8	253 + 40.6 TO 255 + 40.6	LT - SB	WHITE - EDGELINE	
	501.1	253 + 90.7 TO 257 + 15.3	RT - NB	WHITE - EDGELINE	
	411.0	262 + 36.1 TO 265 + 15.8	LT - SB	WHITE - EDGELINE	
	482.0	264 + 00.0 TO 266 + 42.0	RT & LT - NB	WHITE - TURNLANE	
	3706.1	TOTAL			

78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"				REMARKS
	FOOT	LOCATION	OFFSET		
		IL 251			
	58.0	266 + 42.0			
		RAMP DB			
	25.7	2519 + 41.0			
	83.7	TOTAL			

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# SCHEDULE OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HBR-2	WINNEBAGO	171	24
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

78001110	PAINT PAVEMENT MARKING - LINE 4"				OFFSET	REMARKS
FOOT	LOCATION					
<u>AFTER STAGE 1</u>						
IL 251						
123.8	230 + 38.9	TO 235 + 33.9		NB		
59.8	238 + 33.9	TO 239 + 93.9		NB	RAMP AD	
300.0	251 + 14.9	TO 254 + 91.0		NB	RAMP CB & AC	
264.2	254 + 09.7	TO 255 + 84.7		SB	RAMP DA	
68.0	267 + 49.4	TO 270 + 20.0		SB	N OF SANDY HOLLOW	
<u>AFTER STAGE 1A</u>						
IL 251						
123.8	235 + 05.0	TO 240 + 00.0		NB		
<u>AFTER STAGE 2 &amp; 3</u>						
US 20						
234.5	992 + 26.4	TO 994 + 60.9		EB	WHITE - SKIPDASH	
469.0	992 + 26.4	TO 994 + 60.9		EB	YELLOW - EDGELINE	
469.0	992 + 26.4	TO 994 + 60.9		EB	WHITE - EDGELINE	
234.5	992 + 26.4	TO 994 + 60.9		WB	WHITE - SKIPDASH	
469.0	992 + 26.4	TO 994 + 60.9		WB	YELLOW - EDGELINE	
469.0	992 + 26.4	TO 994 + 60.9		WB	WHITE - EDGELINE	
3284.6	TOTAL					

78200520	BARRIER WALL MARKERS TYPE B				OFFSET	REMARKS
EACH	LOCATION					
<u>US 20</u>						
36	988 + 10.2	TO 996 + 82.4		WB	TEMPORARY BARRIER WALLS	
36	990 + 13.8	TO 998 + 76.2		EB	TEMPORARY BARRIER WALLS	
20	992 + 26.7	TO 994 + 60.9		WB	PARAPET WALLS	
20	992 + 26.7	TO 994 + 60.9		EB	PARAPET WALLS	
112	TOTAL					

78201000	TERMINAL MARKER - DIRECT APPLIED				OFFSET	REMARKS
EACH	LOCATION					
<u>US 20</u>						
1	988 + 34.6			LT	EB	
1	991 + 22.1			RT	EB	
1	995 + 65.5			LT	WB	
1	998 + 53.0			RT	WB	
4	TOTAL					

78001140	PAINT PAVEMENT MARKING - LINE 8"				OFFSET	REMARKS
FOOT	LOCATION					
<u>AFTER STAGE 1</u>						
225	RAMP AD					
200	RAMP CB					
266	RAMP DA					
691	TOTAL					

78100100	RAISED REFLECTIVE PAVEMENT MARKER				OFFSET	REMARKS
EACH	LOCATION					
10	990 + 03.9	TO 996 + 70.9		EB	5 SETS OF 2	
10	990 + 16.4	TO 996 + 83.3		WB	5 SETS OF 2	
20	TOTAL					

78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)				OFFSET	REMARKS
EACH	LOCATION					
6	992 + 26.7	TO 994 + 60.9		EB	3 SETS OF 2	
6	992 + 26.7	TO 994 + 60.9		WB	3 SETS OF 2	
12	TOTAL					

78200410	GUARDRAIL MARKERS TYPE A				OFFSET	REMARKS
EACH	LOCATION					
<u>US 20</u>						
5	988 + 34.6	TO 992 + 27.6		LT	EB	
4	991 + 09.6	TO 992 + 27.6		LT	WB	
4	991 + 22.1	TO 992 + 27.6		RT	EB	
4	994 + 60.0	TO 995 + 65.5		LT	WB	
5	994 + 60.0	TO 998 + 53.0		RT	WB	
4	994 + 60.0	TO 995 + 78.0		RT	EB	
26	TOTAL					

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# SCHEDULE OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HBR-2	WINNEBAGO	171	25
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

78300100	PAVEMENT MARKING REMOVAL				
SQ.FT	LOCATION	OFFSET	REMARKS		
	<u>STAGE 1</u>				
	<u>AIRPORT DR</u>				
11.5	EAST OF FRONTAGE RD		THRU ARROW		
	<u>IL 251</u>				
40.9	230 + 38.9 TO 235 + 33.9	NB			
94.0	238 + 33.9 TO 239 + 93.9	NB	RAMP AD		
165.0	251 + 14.9 TO 254 + 91.0	NB	RAMP CB & AC		
87.2	254 + 09.7 TO 255 + 84.7	SB	RAMP DA		
88.0	264 + 11.0 TO 265 + 71.0	SB	RAMP BC		
22.3	267 + 49.4 TO 270 + 20.0	SB	N OF SANDY HOLLOW		
	<u>STAGE 1A</u>				
	<u>IL 251</u>				
40.9	235 + 05.0 TO 240 + 00.0	NB			
	<u>STAGE 2</u>				
	<u>US 20</u>				
82.5	973 + 09.3 TO 983.09.3	EB			
82.5	1003 + 77.5 TO 1014 + 77.5	WB			
	<u>STAGE 3</u>				
	<u>US 20</u>				
82.5	965 + 57.0 TO 975 + 57.1	EB			
175.0	980 + 57.0 TO 982 + 17.0	EB	RAMP CA		
98.0	989 + 62.9 TO 991 + 28.8	WB	RAMP DA		
93.0	995 + 18.3 TO 996 + 91.3	EB	RAMP CB		
82.5	1011 + 59.2 TO 1021 + 59.2	WB			
	<u>STAGE 2A</u>				
	<u>IL 251</u>				
40.9	240 + 46.3 TO 245 + 41.3	NB			
111.8	249 + 90.6 TO 251 + 45.9	SB	RAMP BD		
15.5	250 + 41.1 TO 251 + 41.2	NB	RAMP CB		
15.5	254 + 40.0 TO 256 + 00.0	NB	RAMP AC		
72.0	254 + 42.0 TO 255 + 42.0	SB	RAMP DA		
86.5	264 + 11.0 TO 265 + 71.0	SB	RAMP BC		
89.3	267 + 49.4 TO 270 + 20.0	SB	N OF SANDY HOLLOW		
	<u>STAGE 2B</u>				
	<u>IL 251</u>				
40.9	241 + 32.5 TO 246 + 27.5	NB			
40.9	259 + 56.0 TO 264 + 51.0	SB			
	<u>STAGE 3A</u>				
	<u>AIRPORT DR</u>				
26.0	EAST OF FRONTAGE RD		THRU & LT ARROW		
	<u>IL 251</u>				
40.9	230 + 38.9 TO 235 + 33.9	NB			
94.0	238 + 33.9 TO 239 + 93.9	NB	RAMP AD		
23.7	245 + 10.9 TO 245 + 91.6	NB			
26.9	245 + 67.8 TO 246 + 49.2	NB	TURNLANE		
8.3	250 + 41.2 TO 251 + 41.2	NB	RAMP CB		
8.3	254 + 42.0 TO 255 + 42.0	SB	RAMP DA		
17.2	259 + 48.2 TO 260 + 00.2	SB	TURNLANE		
15.5	259 + 57.4 TO 260 + 25.0	SB			
13.2	264 + 11.0 TO 265 + 71.0	SB	RAMP BC		
22.3	267 + 49.4 TO 270 + 20.0	SB	N OF SANDY HOLLOW		
	<u>STAGE 3B</u>				
	<u>IL 251</u>				
40.9	235 + 05.0 TO 240 + 00.0	NB			
8.2	245 + 58.0 TO 246 + 57.7	NB	TURNLANE		
16.5	255 + 40.5 TO 257 + 40.5	NB	TURNLANE		
2.9	259 + 69.6 TO 260 + 04.7	SB	TURNLANE		
2124	TOTAL				

78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL				
EACH	LOCATION	OFFSET	REMARKS		
10	990 + 03.9 TO 996 + 70.9	EB	5 SETS OF 2		
10	990 + 16.4 TO 996 + 83.3	WB	5 SETS OF 2		
20	TOTAL				
	<u>STAGE 1</u>				
	<u>IL 251</u>				
20	244 + 90.3	NB	CLASS B PATCHES		
20	245 + 09.8	NB	CLASS B PATCHES		
20	248 + 91.3	NB	CLASS B PATCHES		
20	249 + 08.8	NB	CLASS B PATCHES		
80	TOTAL				
	<u>STAGE 2</u>				
	<u>US 20</u>				
1	988 + 10.2	WB	STAGE 2		
1	998 + 76.2	EB	STAGE 2		
2	TOTAL				
	<u>STAGE 3</u>				
	<u>US 20</u>				
1	987 + 61.6	WB	STAGE 3		
1	999 + 38.6	EB	STAGE 3		
2	TOTAL				

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# PAVEMENT SCHEDULE

CONTRACT NO. 64292

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HR-2	WINNEBAGO	171	26
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

Station	to	Station	Remarks	Length FT	Area SQ YD	31100910 Sub-Base Ty A 12" SQ YD	31200100 Stabilized Sub-Base 4" SQ YD	40600982 HMA Surf Rem Butt-Joint SQ YD	40600990 Temp Ramp SQ YD	40603310 HMA Surf Cse Mix "C", N 50 TON	40603570 Poly HMA Surf Cse Mix "E", N90 TON	42000500 PCC Pav't 10" SQ YD	42001165 Bridge Appr Pav't SQ YD	42001200 Pav't Fabric SQ YD	42001420 Br App Pav't Connector (PCC) SQ YD
US 20															
EASTBOUND															
988+00.	to	990+03.9	Guardrail/Shldr	203.9	213.4		224.8			23.9					
990+03.9	to	991+86.4	10" PCC w/ 3" overlay	182.5	686.3	1061.3				39.7	57.7	686.3		686.3	
991+86.4	to	991+96.4	Connector Pavement	10	40.0	79.2	32.0			2.2					40.0
991+96.4	to	992+26.4	Bridge Approach Pav't	30	178.3		188.3						178.3		
994+60.9	to	994+90.9	Bridge Approach Pav't	30	166.7		176.7						166.7		
994+90.9	to	995+00.9	Connector Pavement	10	40.0	16.7	32.0			1.7					40.0
995+00.9	to	995+40.9	3" overlay	40	160					10.2	13.4				
995+40.9	to	996+70.9	Taper	130	530.0					14.7	44.5				
996+20.9	to	996+70.9	Butt-Joint	50	211.1			211.1	31.1	5.6	17.7				
WESTBOUND															
990+16.4	to	990+66.4	Butt-Joint	50	217.2			217.2	31.1	5.5	18.2				
990+66.4	to	991+46.4	Taper	130	539					14.8	45.2				
991+46.4	to	991+86.4	3" overlay	40	160					10.2	13.4				
991+86.4	to	991+96.4	Connector Pavement	10	40.0	75.3	32.0			1.7	3.4				40.0
991+96.4	to	992+26.4	Bridge Approach Pav't	30	166.7								166.7		
994+60.9	to	994+90.9	Bridge Approach Pav't	30	178.3								178.3		
994+90.9	to	995+00.9	Connector Pavement	10	40.0	79.8	32.0			2.2					40.0
995+00.9	to	996+83.3	10" PCC w/ 3" overlay	182.4	682.4	1055.2				39.5	57.3	682.4		682.4	
996+83.3	to	998+87.	Guardrail/Shldr	203.7	205.9					23.1					
IL 251															
245+26.3	to	249+22.9	NB & SB Agg Wedge	396.6											
245+26.3	to	245+85.8	NB - Outside Shoulder	59.5	52.9					5.9					
245+55.9	to	252+54.2	SB - Inside Shoulder	698.3	310.4					34.8					
245+55.9	to	248+09.3	NB - Inside Shoulder	253.4	112.6					12.6					
249+22.9	to	256+65.3	NB - Resurfacing	742.4	3175.3				24.4	126.6	266.7				
249+22.9	to	256+65.3	SB - Resurfacing	742.4	3153.2				24.4	118.4	264.9				
254+46.2	to	258+06.2	NB - Inside Shoulder	360	160.0					17.9					
256+65.3	to	266+01.9	NB & SB Agg Wedge	936.6											
259+28.2	to	260+02.8	SB - Inside Shoulder	74.6	33.2					3.7					
258+06.2	to	259+79.4	NB - Inside C&G	173.2											
259+70.8	to	260+09.	SB - Outside Shoulder	38.2	34.0					3.8					
261+97.5	to	265+96.9	NB - Shoulders	399.4		236.6				24.0					
262+51.8	to	266+01.9	NB - Rt Turn Lane	350.1	377.0	377.0					31.7	377.0			
265+96.9	to	266+01.9	NB - Rt Turn Lane	5											
Ramp BD															
2510+77.	to	2513+54.		277	514.8	913.8				41.2	43.2	514.8		514.8	
Ramp AC															
2411+02.	to	2413+54.5		252.5	469.2	831.5				37.4	39.4	469.2		469.2	
Ramp DB															
2516+50.	to	2519+60.9	Stage 1	310.9	673.4	1225.7				57.6	56.6	673.4		673.4	
Ramp BC															
Stage 1															
2603+46.4	to	2605+45.4	RT - 8'	199	176.9	187.9				19.8					
2605+45.4	to	2605+70.4	RT - 25' Taper 9'-10'	25	26.4	27.8				3.0					
2605+70.4	to	2608+57.	RT - 10'	286.6	318.4	334.4				35.7					
2608+57.	to	2608+82.	RT - 25' Taper 9'-10'	25	26.4	27.8				3.0					
2608+82.	to	2611+35.3	RT - 8'	253.3	225.2	239.2				25.2					
2603+46.4	to	2605+43.	LT - 4'	196.6	87.4	98.3				9.8					
Stage 4															
2605+43.	to	2611+35.3	LT - 4'	592.3	263.2	296.1				29.5					

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# PAVEMENT SCHEDULE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HBR-2	WINNEBAGO	171	27
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

Station	to	Station	Remarks	Length	Area	31100910 Sub-Base Ty A 12"	31200100 Stablized Sub-Base 4"	40600982 HMA Surf Rem Butt-Joint	40600990 Temp Ramp	40603310 HMA Surf Cse Mix "C", N 50	40603570 Poly HMA Surf Cse Mix "E", N90	42000500 PCC Pav't 10"	42001165 Bridge Appr Pav't	42001200 Pav't Fabr'c	42001420 Br App Pav't Connector (PCC)
				FT	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	TON	TON	SQ YD	SQ YD	SQ YD	SQ YD
Ramp AD															
Stage 1															
2006+71.5	to	2009+03.5	RT - 8'	232	206.2	219.1				23.1					
2009+03.5	to	2009+28.5	RT - 25' Taper 9'-10'	25	26.4	27.8				3.0					
2009+28.5	to	2012+65.	RT - 10'	336.5	373.9	392.6				41.9					
2012+65.	to	2012+90.	RT - 25' Taper 9'-10'	25	26.4	27.8				3.0					
2012+90.	to	2015+07.3	RT - 8'	217.3	193.2	205.2				21.6					
2006+71.5	to	2010+27.7	LT - 4'	356.2	158.3	178.1				17.7					
Stage 4															
2010+27.7	to	2015+07.3	LT - 4'	479.6	213.2	239.8				23.9					
Temporary Ramp BD															
IL 251 - Turn Lane															
Stage 1															
245+55.9	to	252+54.2	SB Lt TurnLane	698.3	1438.8										
245+55.9	to	247+58.5	SB Median for TurnLane	202.6	177.3										
246+54.3	to	248+09.3	SB Median for TurnLane	155	76.8										
Temporary Ramp BD															
10+41.9	to	18+09.7		767.8	1138.8										
Temporary Ramp AC															
IL 251 - Turn Lane															
Stage 1															
254+46.2	to	260+09.	NB Lt TurnLane	562.8	954.7										
Temporary Ramp AC															
30+41.6	to	37+30.2		688.6	1072.4										
Ramp CB															
Stage 1															
Ramp DA															
Stage 1															
						8454.0	935.0	428.3	111.0	939.1	973.4	3403.1	690.0	3026.2	160.0

Station	to	Station	Remarks	Length	Area	48101700 Agg Shldr Type B, 8"	48102100 Agg Wedge Shldr, Ty B	48203021 HMA Asphalt Shoulders, 6"	60600095 CI SI Conc (Outlets)	60605000 Comb Conc C&G Ty B-6.24	X0712400 Temp Pavement	X6063600 Comb Conc C&G Ty M-4.24	X6064201 Comb Conc C&G Ty M-4.06	#2001387 Poly HMA Binder Cse, N90	#2001412 Median Special
				FT	SQ YD	SQ YD	TON	SQ YD	CU YD	FOOT	SQ YD	FOOT	FOOT	TON	SQ YD
US 20															
EASTBOUND															
988+00.	to	990+03.9	Guardrail/Shldr	203.9	213.4		17.4	213.4							
990+03.9	to	991+86.4	10" PCC w/ 3" overlay	182.5	686.3	22.1	15.6	354.7						57.7	
991+86.4	to	991+96.4	Connector Pavement	10	40.0		0.9	19.4							
991+96.4	to	992+26.4	Bridge Approach Pav't	30	178.3		2.6								
994+60.9	to	994+90.9	Bridge Approach Pav't	30	166.7		2.6								
994+90.9	to	995+00.9	Connector Pavement	10	40.0		0.9								
995+00.9	to	995+40.9	3" overlay	40	160		3.4							13.4	
995+40.9	to	996+70.9	Taper	130	530.0		11.1							21.8	
996+20.9	to	996+70.9	Butt-Joint	50	211.1		4.3								
WESTBOUND															
990+16.4	to	990+66.4	Butt-Joint	50	217.2		4.3								
990+16.4	to	991+46.4	Taper	130	539		11.1							22.6	
991+46.4	to	991+86.4	3" overlay	40	160		3.4							13.4	
991+86.4	to	991+96.4	Connector Pavement	10	40.0		0.9								
991+96.4	to	992+26.4	Bridge Approach Pav't	30	166.7		2.6								
994+60.9	to	994+90.9	Bridge Approach Pav't	30	178.3		2.6								
994+90.9	to	995+00.9	Connector Pavement	10	40.0		0.9	19.4							
995+00.9	to	996+83.3	10" PCC w/ 3" overlay	182.4	682.4	19	15.6	352.4						57.3	
996+83.3	to	998+87.	Guardrail/Shldr	203.7	205.9		17.4	205.9							

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# PAVEMENT SCHEDULE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HBR-2	WINNEBAGO	171	28
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

Station	to	Station	Remarks	Length	Area	48101700 Agg Shldr's Type B, 8"	48102100 Agg Wedge Shldr., Ty B	48203021 HMA Asphalt Shoulders, 6"	60600095 CI SI Conc (Outlets)	60605000 Comb Conc C&G Ty B-6,24	X0712400 Temp Pavement	X6063600 Comb Conc C&G Ty M-4,24	X6064201 Comb Conc C&G Ty M-4,06	*2001387 Poly HMA Binder Cse, N90	*2001412 Median Special
				FT	SQ YD	SQ YD	TON	SQ YD	CU YD	FOOT	SQ YD	FOOT	FOOT	TON	SQ YD
IL 251															
245+26.3	to	249+22.9	NB & SB Agg Wedge	396.6			33.9								
245+26.3	to	245+85.8	NB - Outside Shoulder	59.5	52.9			52.9							
245+55.9	to	252+54.2	SB - Inside Shoulder	698.3	310.4			310.4							
245+55.9	to	248+09.3	NB - Inside Shoulder	253.4	112.6			112.6							
249+22.9	to	256+65.3	NB - Resurfacing	742.4	3175.3		63.4							133.4	
249+22.9	to	256+65.3	SB - Resurfacing	742.4	3153.2		63.4							132.4	
254+46.2	to	258+06.2	NB - Inside Shoulder	360	160.0			160.0							
256+65.3	to	266+01.9	NB & SB Agg Wedge	936.6			80.0								
259+28.2	to	260+02.8	SB - Inside Shoulder	74.6	33.2			33.2							
258+06.2	to	259+79.4	NB - Inside C&G	173.2					1.2	161.5					
259+70.8	to	260+09.	SB - Outside Shoulder	38.2	34.0			34.0							
261+97.5	to	265+96.9	NB - Shoulders	399.4		133.1		214.4							
262+51.8	to	266+01.9	NB - Rt Turn Lane	350.1	377.0									31.7	
265+96.9	to	266+01.9	NB - Rt Turn Lane	5						5.0					
Ramp BD															
2510+77.	to	2513+54.		277	514.8	92.3		368.2						43.2	
Ramp AC															
2411+02.	to	2413+54.5		252.5	469.2	84.2		334.2						39.4	
Ramp DB															
2516+50.	to	2519+60.9	Stage 1	310.9	673.4	235.5		514.1						56.6	
Ramp BC															
Stage 1															
2603+46.4	to	2605+45.4	RT - 8'	199	176.9	66.3		176.9							
2605+45.4	to	2605+70.4	RT - 25' Taper 9'-10'	25	26.4	8.3		26.4							
2605+70.4	to	2608+57.	RT - 10'	286.6	318.4	95.5		318.4							
2608+57.	to	2608+82.	RT - 25' Taper 9'-10'	25	26.4	8.3		26.4							
2608+82.	to	2611+35.3	RT - 8'	253.3	225.2	84.4		225.2							
2603+46.4	to	2605+43.	LT - 4'	196.6	87.4	65.5		87.4							
Stage 4															
2605+43.	to	2611+35.3	LT - 4'	592.3	263.2	197.4		263.2							
Ramp AD															
Stage 1															
2006+71.5	to	2009+03.5	RT - 8'	232	206.2	77.3		206.2							
2009+03.5	to	2009+28.5	RT - 25' Taper 9'-10'	25	26.4	8.3		26.4							
2009+28.5	to	2012+65.	RT - 10'	336.5	373.9	112.2		373.9							
2012+65.	to	2012+90.	RT - 25' Taper 9'-10'	25	26.4	8.3		26.4							
2012+90.	to	2015+07.3	RT - 8'	217.3	193.2	72.4		193.2							
2006+71.5	to	2010+27.7	LT - 4'	356.2	158.3	118.7		158.3							
Stage 4															
2010+27.7	to	2015+07.3	LT - 4'	479.6	213.2	159.9		213.2							
Temporary Ramp BD															
IL 251 - Turn Lane															
Stage 1															
245+55.9	to	252+54.2	SB Lt TurnLane	698.3	1438.8						1438.8				
245+55.9	to	247+58.5	SB Median for TurnLane	202.6	177.3							230	202.6		177.3
246+54.3	to	248+09.3	SB Median for TurnLane	155	76.8							160	155		76.8
Temporary Ramp BD															
10+41.9	to	18+09.7		767.8	1138.8						1138.8				
Temporary Ramp AC															
IL 251 - Turn Lane															
Stage 1															
254+46.2	to	260+09.	NB Lt TurnLane	562.8	954.7						954.7				
Temporary Ramp AC															
30+41.6	to	37+30.2		688.6	1072.4						1072.4				
Ramp CB															
Stage 1															
											41.2				
Ramp DA															
Stage 1															
											38.1				
						1669.3	357.9	5620.8	1.2	166.5	4684.0	390.0	357.6	622.9	254.1

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HBR-2	WINNEBAGO	171	29
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

# REMOVAL SCHEDULE

Station	to	Station	Remarks	Length	Area	44000100 Pavement Removal	44000158 HMA Surf Rem 2 1/4"	44000500 Comb C&G Removal	44004250 Paved Shldr Rem	50100300 Rem of Ex. Str. No. 1	X0300136 Br. Appr Shldr Rem	X0919000 Temp Pav Removal
				FT	SQ YD	SQ YD	SQ YD	FOOT	SQ YD	EACH	SQ YD	SQ YD
US 20												
EASTBOUND												
988+00.	to	990+03.9	Guardrail/Shldr	203.9	106.6				106.61			
990+03.9	to	991+86.4	10" PCC w/ 3" overlay	182.5	763.3	763.3			195.83			
991+86.4	to	991+96.4	Connector Pavement	10	44.0	44.0			32.22			
991+96.4	to	992+26.4	Bridge Approach Pavt	30	131.5	131.5					32.3	
994+60.9	to	994+90.9	Bridge Approach Pavt	30	122.5	122.5					42.9	
994+90.9	to	995+00.9	Connector Pavement	10	40.6	40.6			14.3			
WESTBOUND												
991+86.4	to	991+96.4	Connector Pavement	10	7.3	7.3			13.87			
991+96.4	to	992+26.4	Bridge Approach Pavt	30	123.2	123.2					42.1	
994+60.9	to	994+90.9	Bridge Approach Pavt	30	134.5						30.7	
994+90.9	to	995+00.9	Connector Pavement	10	45.1	84.9			10.29			
995+00.9	to	996+83.3	10" PCC w/ 3" overlay	182.4	764.7	1137.4			194.99			
996+83.3	to	998+87.	Guardrail/Shldr	203.7	105.8				105.77			
IL 251												
245+26.3	to	245+85.8	NB - Outside Shoulder	59.5	49.6				49.6			
245+55.9	to	252+54.2	SB - Inside Shoulder	698.3	294.2				294.2			
245+55.9	to	248+09.3	NB - Inside Shoulder	253.4	114.0				114.0			
249+22.9	to	256+65.3	NB - Resurfacing	742.4	4180.0		4180.0					
249+22.9	to	256+65.3	SB - Resurfacing	742.4	4092.6		4092.6					
254+46.2	to	258+06.2	NB - Inside Shoulder	360	164.3				164.3			
259+28.2	to	260+02.8	SB - Inside Shoulder	74.6	30.0				30.0			
258+06.2	to	259+79.4	NB - Inside Shoulder	173.2				173.2				
259+70.8	to	260+09.	SB - Outside Shoulder	38.2	32.1				32.1			
260+33.	to	262+41.	NB - Shoulders	208	112.9							
262+41.	to	266+01.9	NB - Rt Turn Lane	360.9	526.4	526.4			256.3			
265+96.9	to	266+01.9	NB - Rt Turn Lane	5				5				
Ramp BD												
2510+77.	to	2513+54.		277	487.0	487.0			439.38			
Ramp AC												
2411+02.	to	2413+54.5		252.5	434.7	434.7			418.91			
Ramp DB												
2516+50.	to	2520+90.		440	770.9	770.9			579.17	1.0		
2518+58.4												
Ramp BC												
2603+46.4	to	2611+35.3	LT	788.9	376.0				376.0			
2603+46.4	to	2611+35.3	RT	788.9	738.4				738.4			
Ramp AD												
2006+71.5	to	2015+07.3	LT	835.8	371.9				371.9			
2006+71.5	to	2015+07.3	RT	835.8	737.4				737.4			
Temporary Ramp BD												
IL 251 - Turn Lane Stage 4												
245+55.9	to	252+54.2	SB Lt Turn Lane	698.3	1438.8							1438.8
245+55.9	to	247+58.5	SB Median for Turn Lane	202.6	177.3			432.6				
246+54.3	to	248+09.3	SB Median for Turn Lane	155	76.8			315				
Temporary Ramp BD												
10+41.9	to	18+09.7		767.8	1138.8							1138.8
Temporary Ramp AC												
IL 251 - Turn Lane Stage 4												
254+46.2	to	260+09.	NB Lt Turn Lane	562.8	954.7							954.7
Temporary Ramp AC												
30+41.6	to	37+30.2		688.6	1072.4							1072.4
Ramp CB Stage 1												
												41.2
Ramp DA Stage 1												
												38.1
						4673.8	8272.6	925.8	5275.6	1.0	147.8	4684.0

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HR-2	WINNEBAGO	171	30
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

# HORIZONTAL & VERTICAL CONTROL

SURVEY WORK POINTS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
100	2024434.0605	2593160.8705	754.1010	US20	994+71.4264	0.3519' RT	GPS CONTROL POINT, PIN
101	2024379.5327	2590481.8575	747.9480	US20	967+91.8668	6.9909' RT	GPS CONTROL POINT, PIN
102	2024395.1321	2591285.7889	732.5570	US20	975+95.9486	5.762' RT	GPS CONTROL POINT, PIN
103	2024421.4735	2592089.6343	734.6720	US20	984+00.1363	6.2086' LT	GPS CONTROL POINT, PIN
104	2024423.9293	2592893.4081	750.5390	US20	992+03.8257	5.7013' RT	GPS CONTROL POINT, PIN
105	2024442.3582	2593976.9281	758.7460	US20	1002+87.5020	6.6403' RT	GPS CONTROL POINT, PIN
106	2024459.0820	2594792.0083	762.4700	US20	1011+02.7509	4.4865' RT	GPS CONTROL POINT, PIN
115	2024237.3547	2582144.7177	.0000	US20	884+53.5175	0.1424' RT	POT, NAIL
122	2024488.5503	2596169.5415	.0000	US20	1024+80.5907	0.3574' LT	POT, NAIL

SURVEY WORK POINTS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
107	2024713.0286	2592421.1273	741.0740	IL251	255+79.9917	608.4701' LT	GPS CONTROL POINT, PIN
108	2024695.4716	2593033.0901	732.9230	IL251	255+54.5203	3.2144' RT	GPS CONTROL POINT, PIN
109	2024928.8170	2593482.0363	742.5890	IL251	257+82.0390	455.1414' RT	GPS CONTROL POINT, PIN
110	2024008.6127	2592527.9183	738.5350	IL251	248+74.2534	510.7997' LT	GPS CONTROL POINT, PIN
111	2024202.5657	2593027.2218	732.8850	IL251	250+61.7316	9.0292' LT	GPS CONTROL POINT, PIN
112	2023925.1079	2593541.6325	745.9400	IL251	247+77.6430	501.7495' RT	GPS CONTROL POINT, PIN
113	2023602.9852	2593048.2878	733.2020	IL251	244+61.9288	4.2794' RT	GPS CONTROL POINT, PIN
114	2024988.4685	2592714.5158	736.7080	IL251	258+51.6135	311.5433' LT	GPS CONTROL POINT, PIN
123	2020563.0793	2593083.3911	.0000	IL251	214+21.8231	0.0583' RT	PI, SURVEY

BENCH MARKS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
403	2024309.8772	2588983.9750	751.9970	US20	952+92.9786	49.8647' RT	PERM. SURVEY MARKER, DISK
411	2024497.4597	2592907.9126	751.8870	US20	992+19.6420	67.5582' LT	ABUTMENT, CHISELED SQUARE
1411	2024309.1300	2593117.1700	734.3360	US20	994+25.5001	124.4814' RT	SIGN FOUNDATION, CHISELED SQUARE
415	2024555.4755	2595334.4804	762.5030	US20	1016+46.8591	82.1964' LT	SIGN FOUNDATION, BOLT
419	2024432.6014	2596957.7090	776.6440	US20	1032+67.6324	69.6689' RT	HEADWALL, CHISELED SQUARE
423	2024435.7704	2590456.8241	752.3560	US20	967+67.8425	49.6853' LT	PERM. SURVEY MARKER, DISK

BENCH MARKS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
410	2023569.9100	2592869.2000	730.9560	IL251	244+31.1728	175.2212' LT	TRANSMISSION TOWER, BOLT
412	2025452.7200	2593012.6900	732.0510	IL251	263+11.9693	7.3889' LT	SIGN FOUNDATION, CHISELED SQUARE
496	2023894.4600	2592458.1000	727.6670	IL251	247+61.0133	582.0887' LT	POLE FOUNDATION, CHISELED "X"
497	2023845.2000	2593633.8200	747.4660	IL251	246+96.5494	592.8957' RT	POLE FOUNDATION, CHISELED "X"
498	2024965.6200	2593571.9000	738.7740	IL251	258+17.6766	545.4736' RT	POLE FOUNDATION, CHISELED "X"
499	2025010.1200	2592415.3600	728.9870	IL251	258+77.1328	610.394' LT	POLE FOUNDATION, CHISELED "X"

Chain US20 contains:  
X00706233 20

Beginning chain US20 description  
=====

Point X00706233 N 2,024,234.9228 E 2,582,000.7010 Sta 883+09.4804

Course from X00706233 to 20 88° 58' 33.3802" Dist 16,325.6225'

Point 20 N 2,024,526.6990 E 2,598,323.7160 Sta 1046+35.1030

=====

Ending chain US20 description

REFERENCE TIES				
POINT	CHAIN	STATION	OFFSET	DESCRIPTION
500	US20	967+67.8376	49.6449' LT	BRIDGE CURB, DISK
501	US20	968+02.1205	15.3668' LT	PAVEMENT, CHISELED "X"
502	US20	968+01.3049	15.7136' RT	PAVEMENT, CHISELED "X"
503	US20	967+67.6105	49.7869' RT	BRIDGE CURB, CHISELED "X"
504	US20	975+13.2340	60.6848' LT	GUARDBOARD, NAIL
505	US20	976+56.8853	63.9479' LT	GUARDBOARD, NAIL
506	US20	976+60.6717	58.8194' RT	SIGN POLE, PIN
514	US20	994+68.5312	10.1022' RT	TOP OF WINGWALL, CHISELED "X"
515	US20	994+68.3503	10.5544' LT	TOP OF WINGWALL, CHISELED "X"
519	US20	1010+24.8340	66.3758' RT	SIGN POLE, PIN
520	US20	1010+55.1702	58.4719' LT	SIGN POLE, PIN
541	US20	994+25.5001	124.4814' RT	SIGN FOUNDATION, CHISELED SQUARE

REFERENCE TIES				
POINT	CHAIN	STATION	OFFSET	DESCRIPTION
536	IL251	244+31.1728	175.2212' LT	BOLT, CHISELED "X"
537	IL251	246+12.2990	70.5422' RT	TREE DECIDUOUS, NAIL
538	IL251	243+87.0634	110.4921' RT	HEADWALL, CHISELED "X"
545	IL251	263+11.9693	7.3889' LT	SIGN FOUNDATION, CHISELED SQUARE
546	IL251	260+73.0375	60.0062' RT	SIGN, PIN
547	IL251	260+96.5403	62.9801' LT	SIGN, PIN

Chain IL251 contains:  
70 CUR 200 63

Beginning chain IL251 description  
=====

Point 70 N 2,016,094.3240 E 2,593,116.5130 Sta 169+52.9380

Course from 70 to PC 200 359° 37' 12.6125" Dist 3,541.5722'

Curve Data  
\*\*\*\*\*

Curve 200  
P.I. Station 208+58.0856 N 2,019,999.3858 E 2,593,090.6249  
Delta = 0° 21' 40.7452" (LT)  
Degree = 0° 02' 58.8830"  
Tangent = 363.5754'  
Length = 727.1484'  
Radius = 115,307.0773'  
External = 0.5732'  
Long Chord = 727.1472'  
Mid. Ord. = 0.5732'  
P.C. Station 204+94.5102 N 2,019,635.8184 E 2,593,093.0351  
P.T. Station 212+21.6586 N 2,020,362.9308 E 2,593,085.9220  
C.C. N 2,018,871.4209 E 2,477,788.4915

Course from PT 200 to 63 359° 15' 31.8682" Dist 5,119.3218'

Point 63 N 2,025,481.8243 E 2,593,019.7030 Sta 263+40.9804

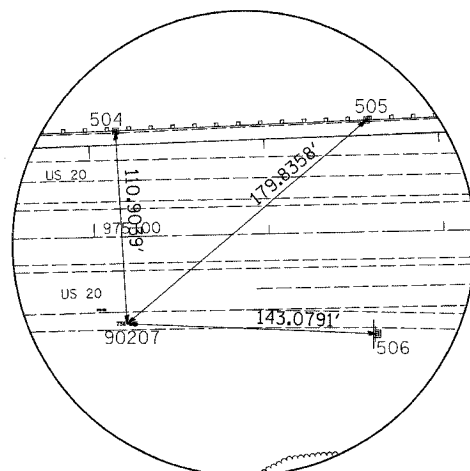
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Ending chain IL251 description

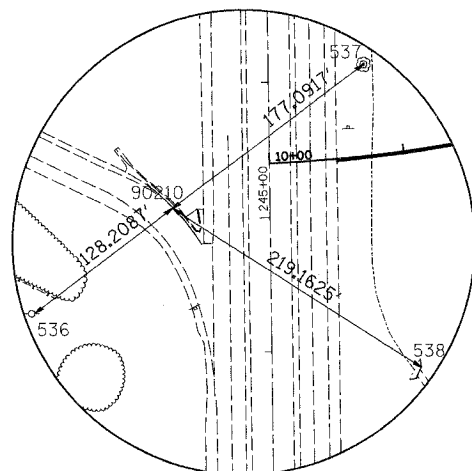
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HBR-2	WINNEBAGO	171	31
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

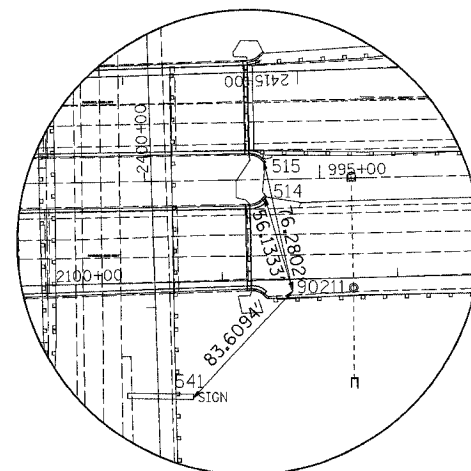
# HORIZONTAL & VERTICAL CONTROL



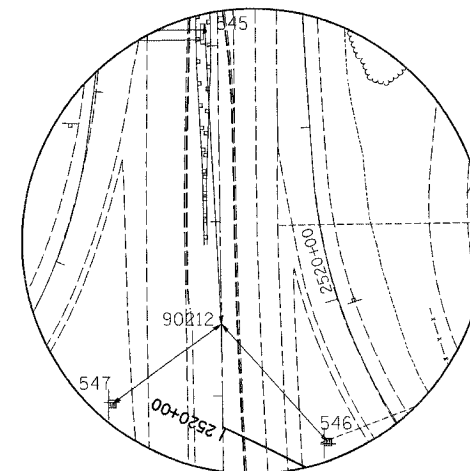
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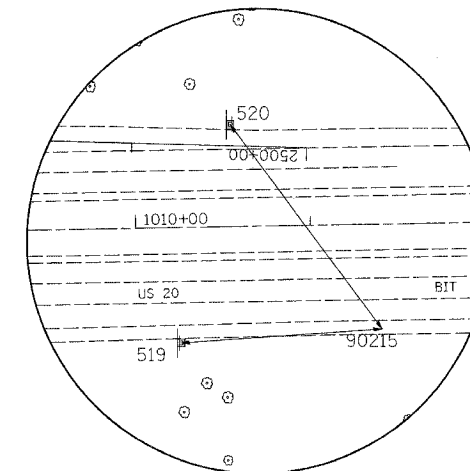
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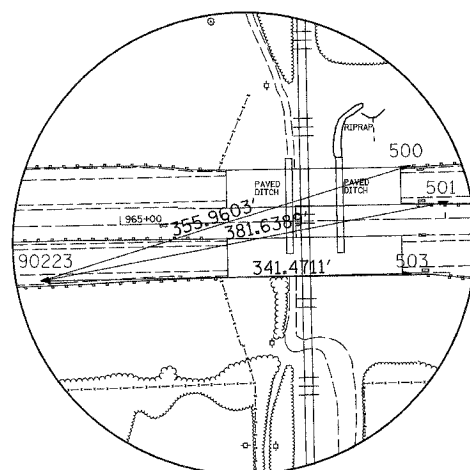
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90212



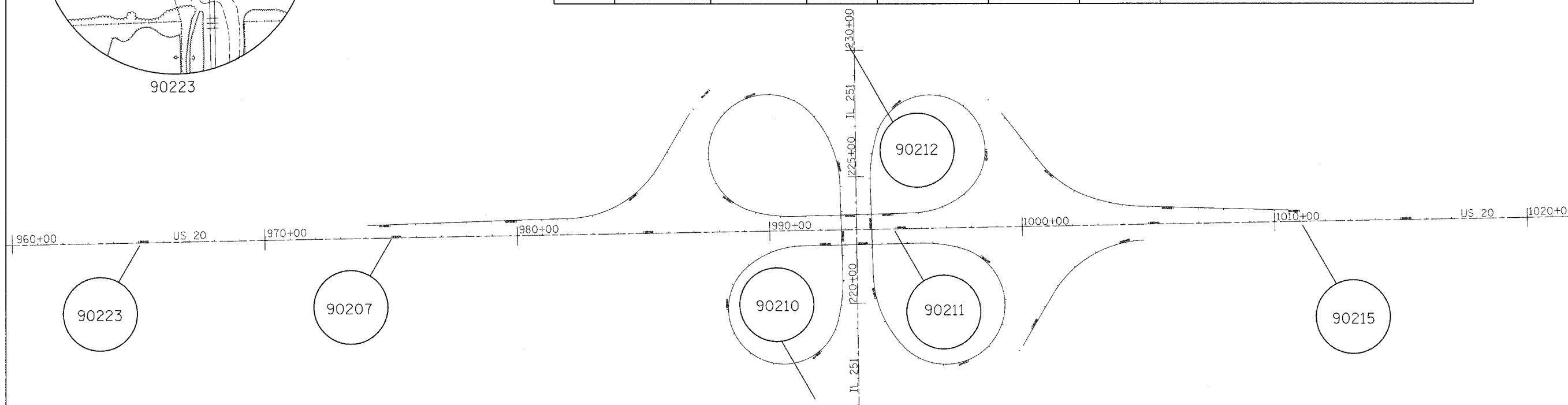
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90223

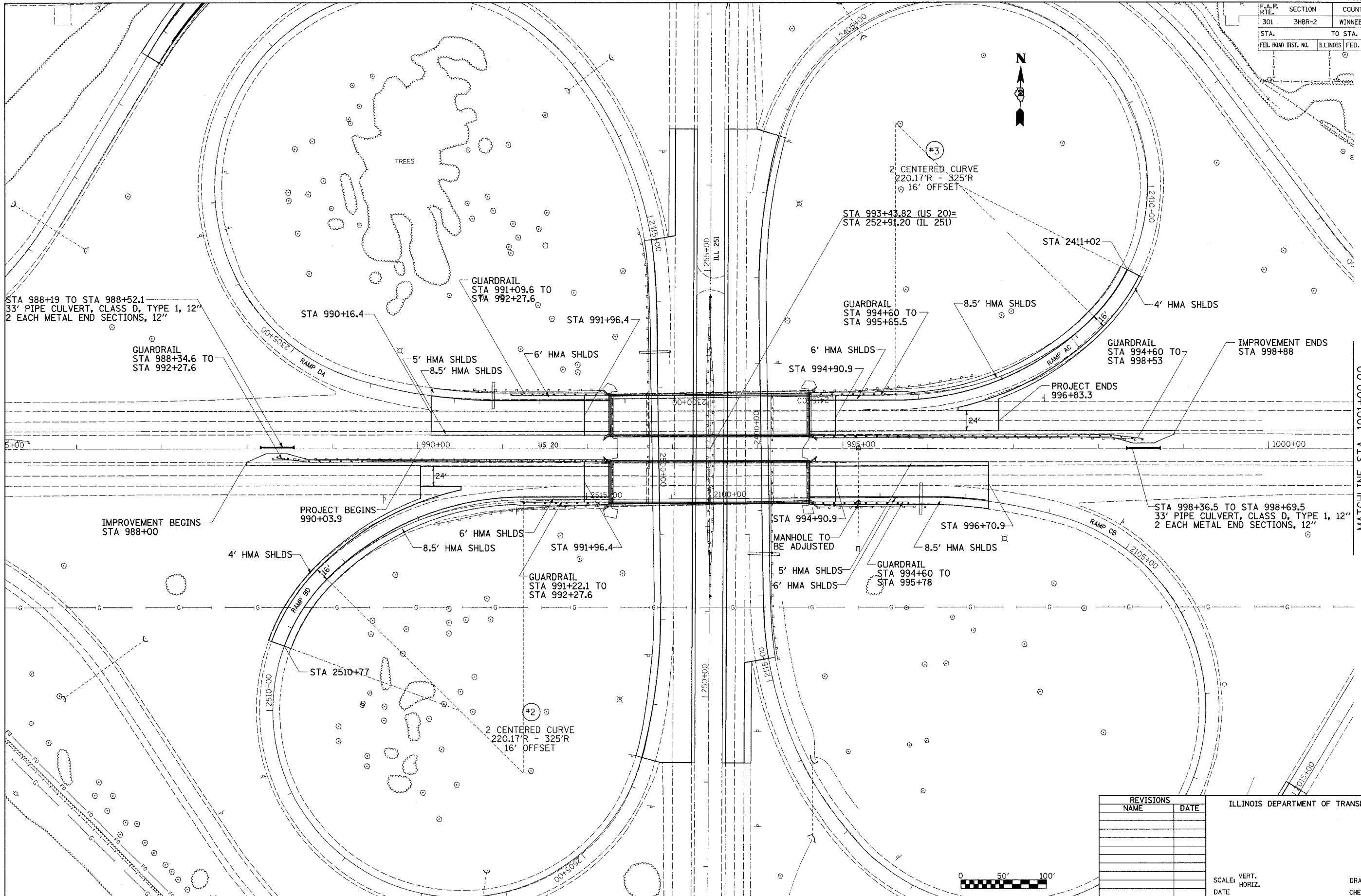
HORIZONTAL CONTROL POINTS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
90207	2024349.3828	2591208.5028	736.1450	US20	975+17.8572	50.1228' RT	GPS CONTROL POINT, NAIL
90211	2024370.4218	2593174.0369	754.5800	US20	994+83.4533	64.2157' RT	GPS CONTROL POINT, NAIL
90215	2024403.7704	2594830.2553	765.4710	US20	1011+40.0032	60.4728' RT	GPS CONTROL POINT, NAIL
90223	2024329.8883	2590116.9593	754.0310	US20	964+26.1396	50.1058' RT	GPS CONTROL POINT, NAIL

HORIZONTAL CONTROL POINTS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
90210	2023647.8485	2592970.9991	731.3200	IL251	245+07.7880	72.4225' LT	GPS CONTROL POINT, PIN
90212	2025281.8130	2593022.2620	731.3990	IL251	261+40.9527	0.0284' LT	GPS CONTROL POINT, PIN



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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HBR-2	WINNEBAGO	171	32
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



STA 988+19 TO STA 988+52.1  
33' PIPE CULVERT, CLASS D, TYPE 1, 12"  
2 EACH METAL END SECTIONS, 12"

GUARDRAIL  
STA 988+34.6 TO  
STA 992+27.6

GUARDRAIL  
STA 991+09.6 TO  
STA 992+27.6

STA 993+43.82 (US 20)=  
STA 252+91.20 (IL 251)

#3  
2 CENTERED CURVE  
220.17'R - 325'R  
16' OFFSET

STA 2411+02

8.5' HMA SHLDS

4' HMA SHLDS

GUARDRAIL  
STA 994+60 TO  
STA 995+65.5

6' HMA SHLDS

GUARDRAIL  
STA 994+60 TO  
STA 998+53

IMPROVEMENT ENDS  
STA 998+88

PROJECT ENDS  
996+83.3

IMPROVEMENT BEGINS  
STA 988+00

PROJECT BEGINS  
990+03.9

4' HMA SHLDS

6' HMA SHLDS

8.5' HMA SHLDS

GUARDRAIL  
STA 991+22.1 TO  
STA 992+27.6

STA 994+90.9  
MANHOLE TO  
BE ADJUSTED

STA 996+70.9

8.5' HMA SHLDS

5' HMA SHLDS

GUARDRAIL  
STA 994+60 TO  
STA 995+78

STA 998+36.5 TO STA 998+69.5  
33' PIPE CULVERT, CLASS D, TYPE 1, 12"  
2 EACH METAL END SECTIONS, 12"

STA 2510+77

#2  
2 CENTERED CURVE  
220.17'R - 325'R  
16' OFFSET

MATCHLINE STA. 1001+00.00

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

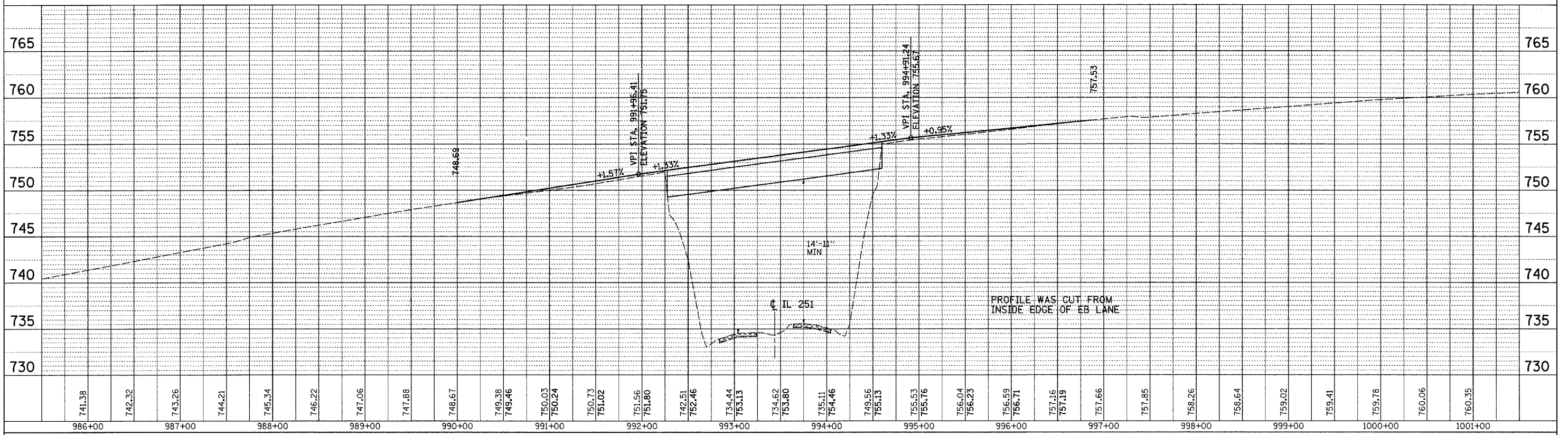
SCALE: VERT.  
HORIZ.  
DATE

DRAWN BY  
CHECKED BY

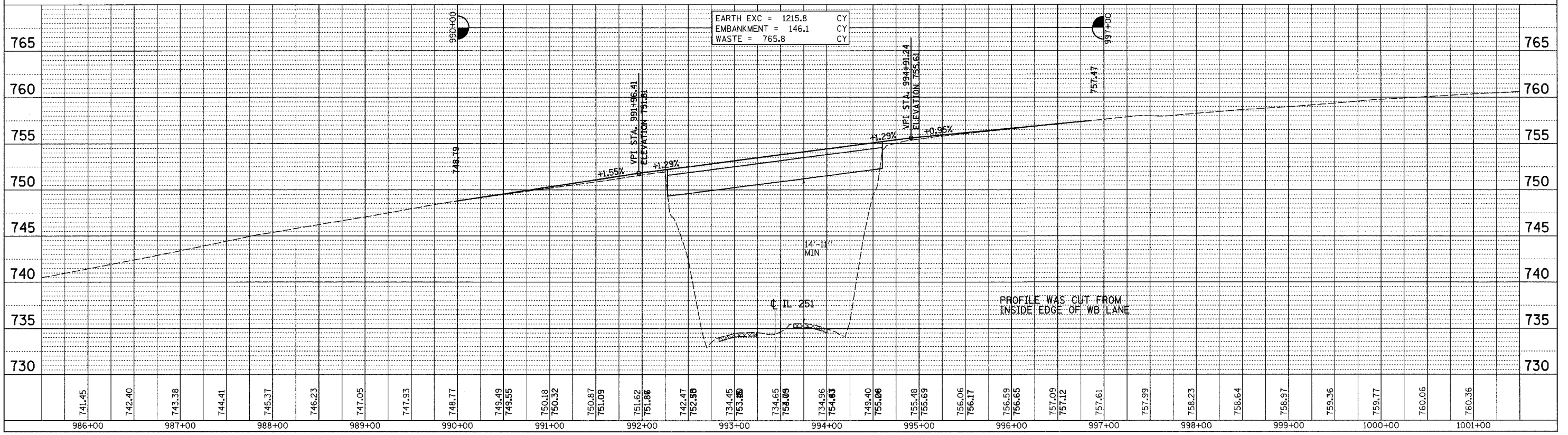


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HBR-2	WINNEBAGO	171	33
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLotted		
NO.	BY		
	DATE		



PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	Plotted		
NO.	BY		
	DATE		

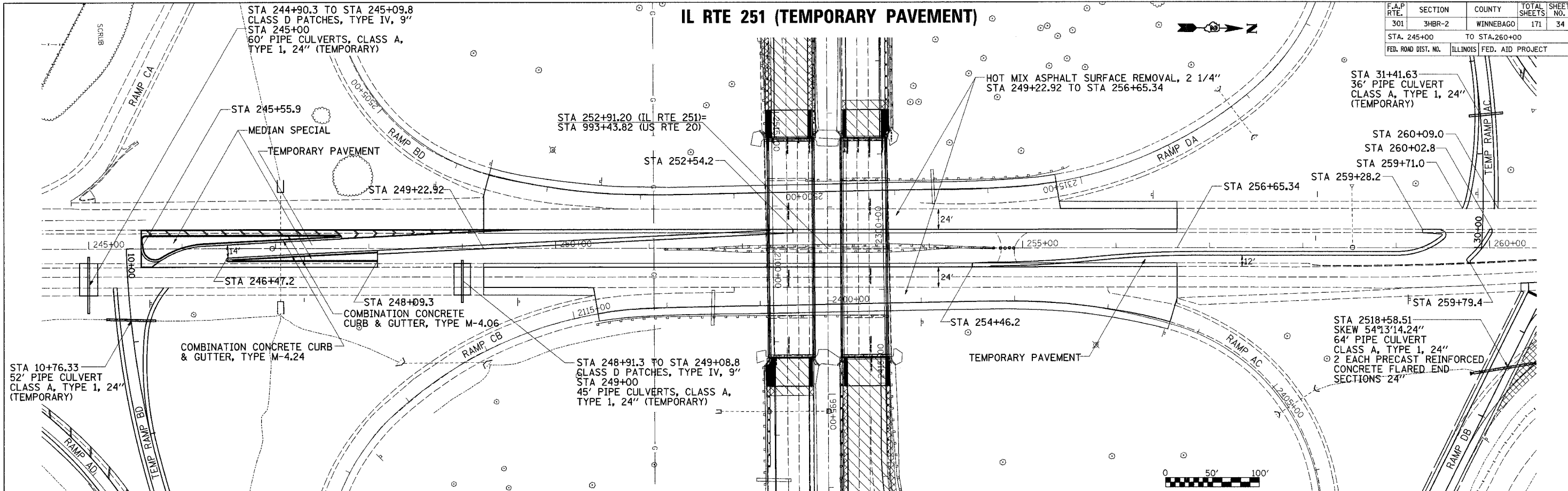


EARTH EXC = 1215.8 CY  
 EMBANKMENT = 146.1 CY  
 WASTE = 765.8 CY

PLOT DATE = Fri, Nov 14 09:42:03 2008  
 FILE NAME = c:\projects\64292\301\33\33.dwg  
 PLOT SCALE = 48,0000 / IN.  
 USER NAME = dmsdd

# IL RTE 251 (TEMPORARY PAVEMENT)

CONTRACT NO. 64292				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HBR-2	WINNEBAGO	171	34
STA. 245+00		TO STA.260+00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



DATE	BY	DATE

SURVEYED: \_\_\_\_\_  
 PLOTTED: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 NO. OF WAYS CHECKED: \_\_\_\_\_  
 CAD FILE NAME: \_\_\_\_\_  
 NO.: \_\_\_\_\_

DATE	BY	DATE

SURVEYED: \_\_\_\_\_  
 PLOTTED: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 NO. OF WAYS CHECKED: \_\_\_\_\_  
 STRUCTURE NOTATIONS CHRD: \_\_\_\_\_  
 NO.: \_\_\_\_\_

740	740
735	735
730	730
725	725
PROFILE WAS CUT FROM INSIDE EDGE OF NB LANE	
735.37	735.05
734.83	734.77
734.75	734.76
734.81	734.91
735.02	735.07
735.18	735.29
735.36	735.39
735.44	735.48
735.53	735.52
735.49	735.50
735.41	735.27
735.05	734.84
734.51	734.51
245+00	257+00
740	740
735	735
730	730
725	725
PROFILE WAS CUT FROM INSIDE EDGE OF SB LANE	
733.77	733.53
733.39	733.37
733.40	733.44
733.57	733.57
733.69	733.69
733.86	734.00
734.15	734.15
734.30	734.43
734.46	734.44
734.56	734.59
734.60	734.60
734.66	734.70
734.72	734.64
734.47	734.26
734.03	734.03
245+00	257+00

EARTH EXC = 1008.8 CY  
 EMBANKMENT = 149.2 CY  
 WASTE = 607.4 CY

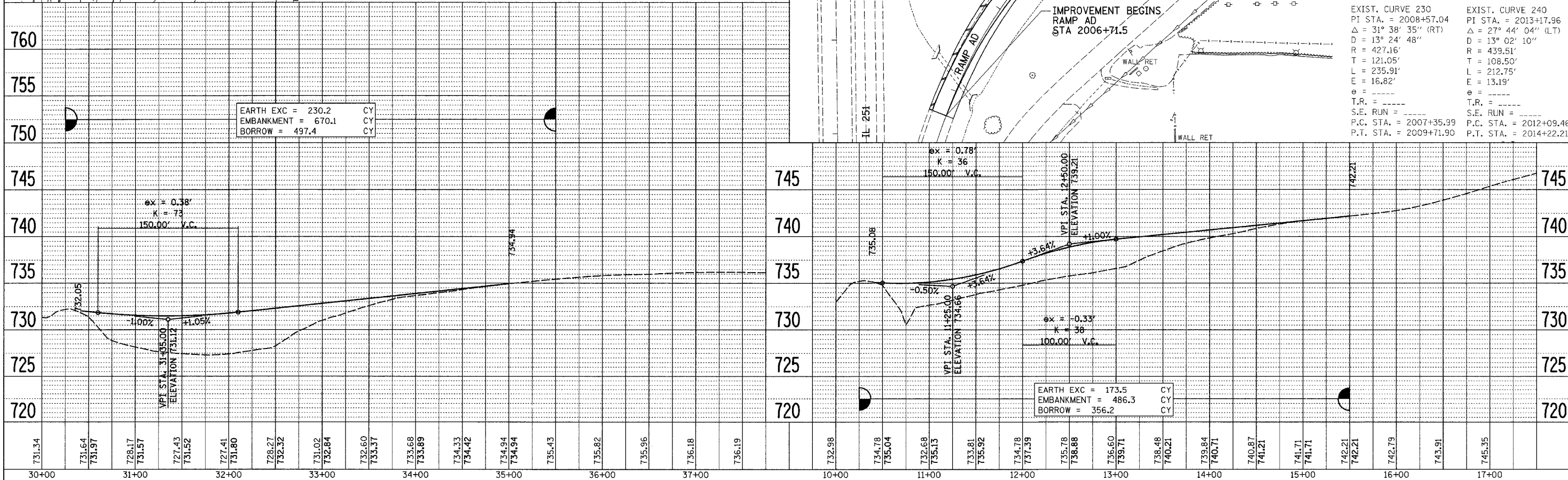
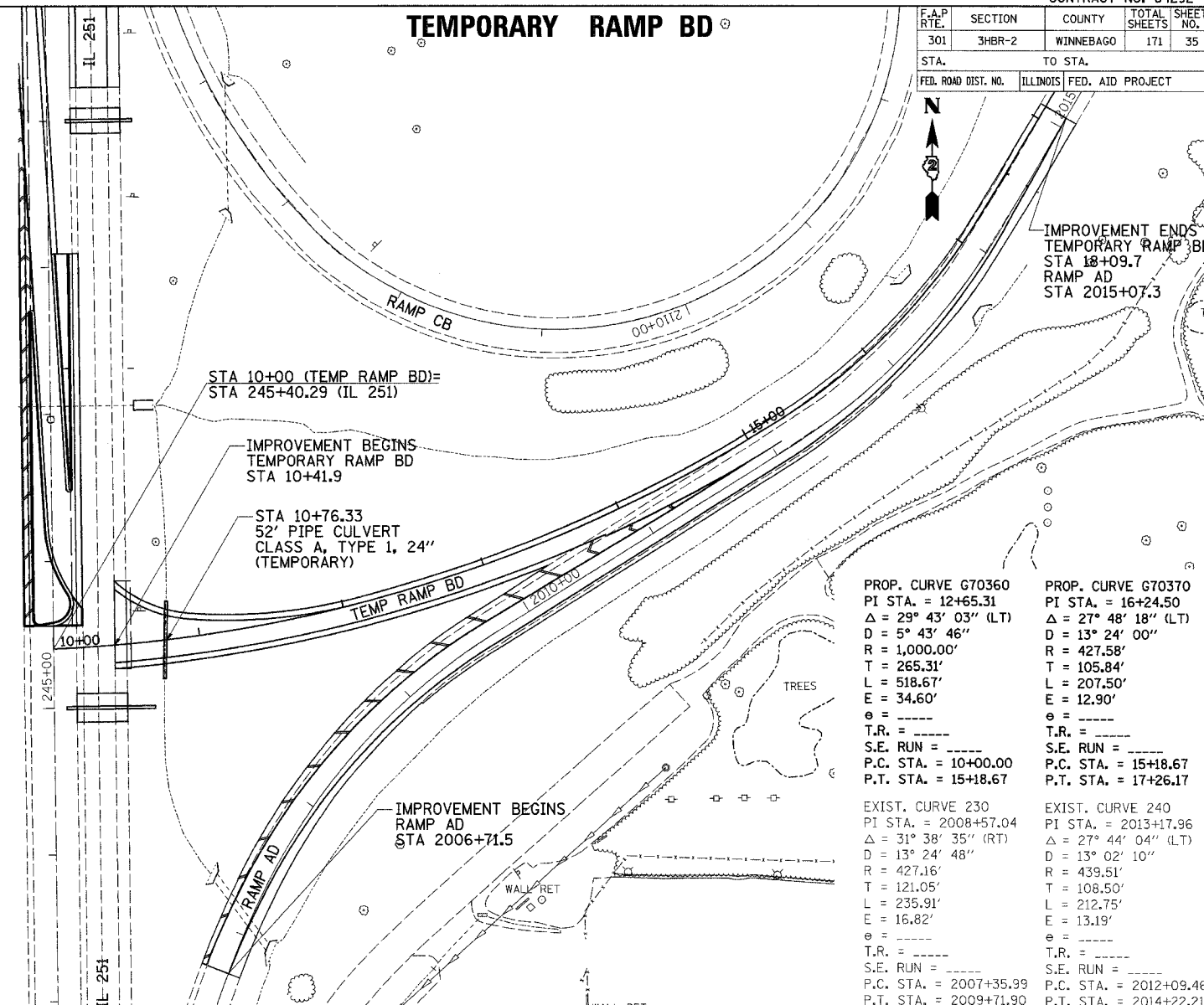
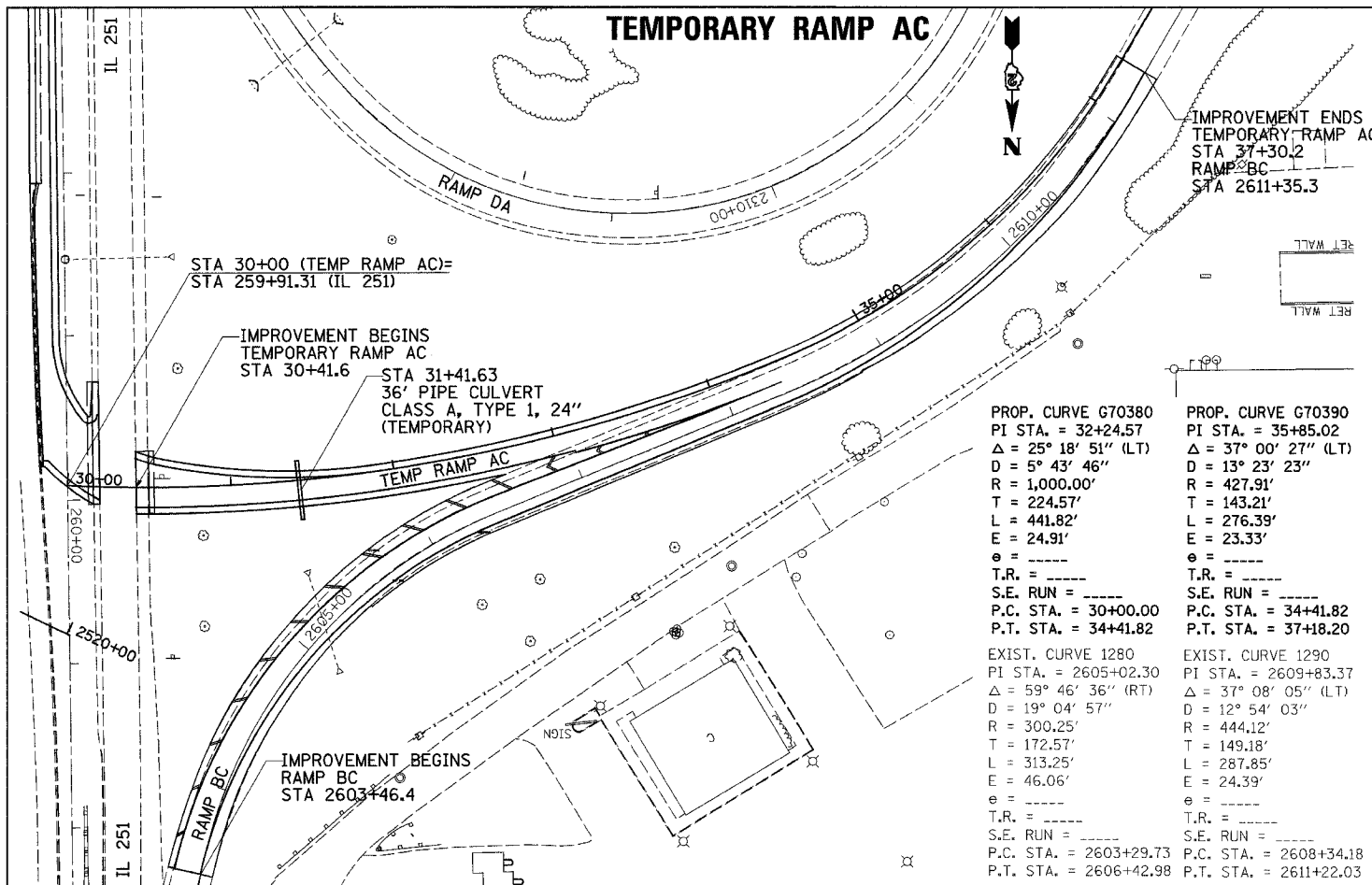
PLOT DATE = Fri, Mar 14 09:43:13 2008  
 FILE NAME = c:\pav\projects\p0832518\_d0832518\p0832518.dwg  
 PLOT SCALE = 40,000 / 1" = 60000  
 USER NAME = g08008

# IL RTE 251 (TEMPORARY PAVEMENT)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
301	3HR-2	WINNEBAGO	171 35

STA.	TO STA.

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



**TEMPORARY RAMPS AC & BD**

DATE	
BY	
PROJ. E	
DATE	
BY	
PROJ. E	

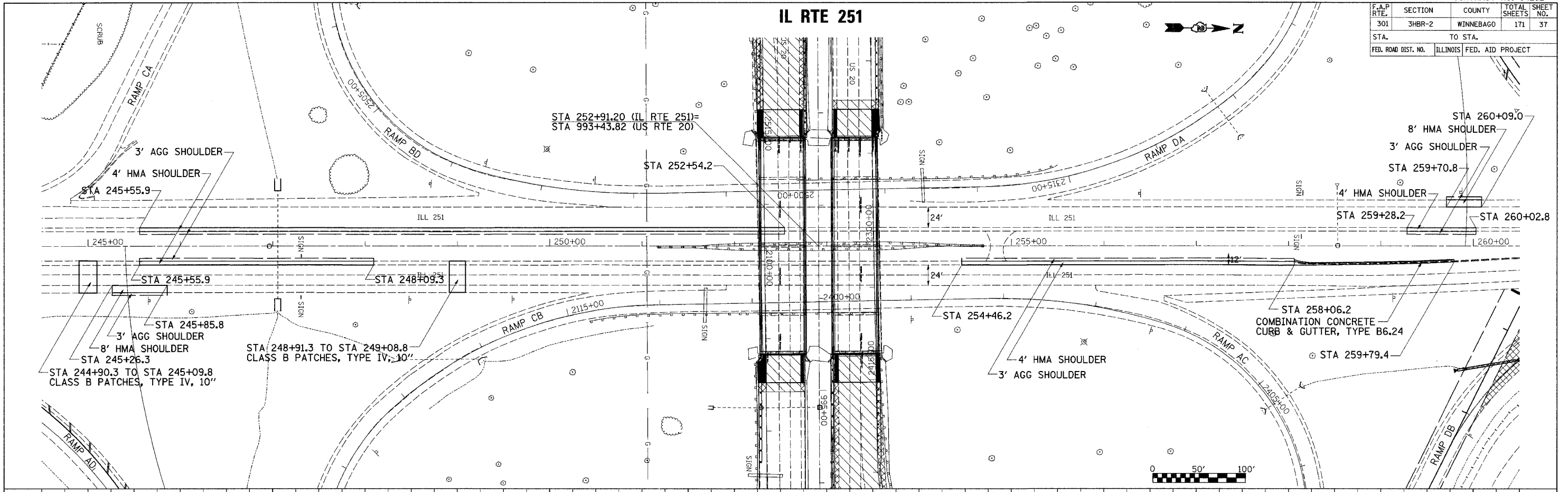
DATE	
BY	
PROJ. E	
DATE	
BY	
PROJ. E	

PLOT DATE = Fri, Mar 14, 2008 14:28:08  
 FILE NAME = c:\p\projects\142823298\142823298.dgn  
 PLOT SCALE = 50.0000 / 1"  
 USER NAME = dmsd



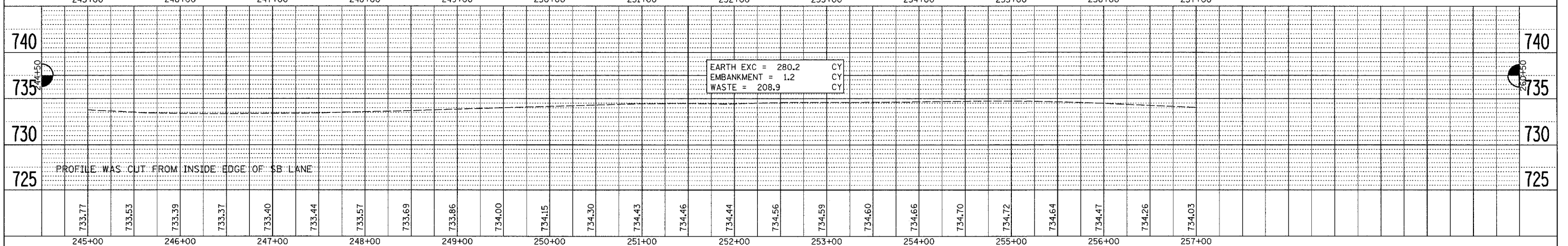
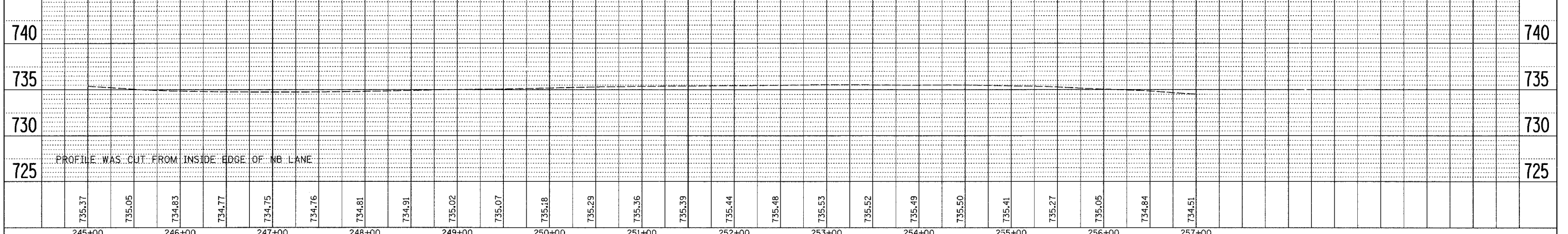
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HBR-2	WINNEBAGO	171	37
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

IL RTE 251



DATE	BY
DATE	BY
DATE	BY
DATE	BY

DATE	BY
DATE	BY
DATE	BY
DATE	BY

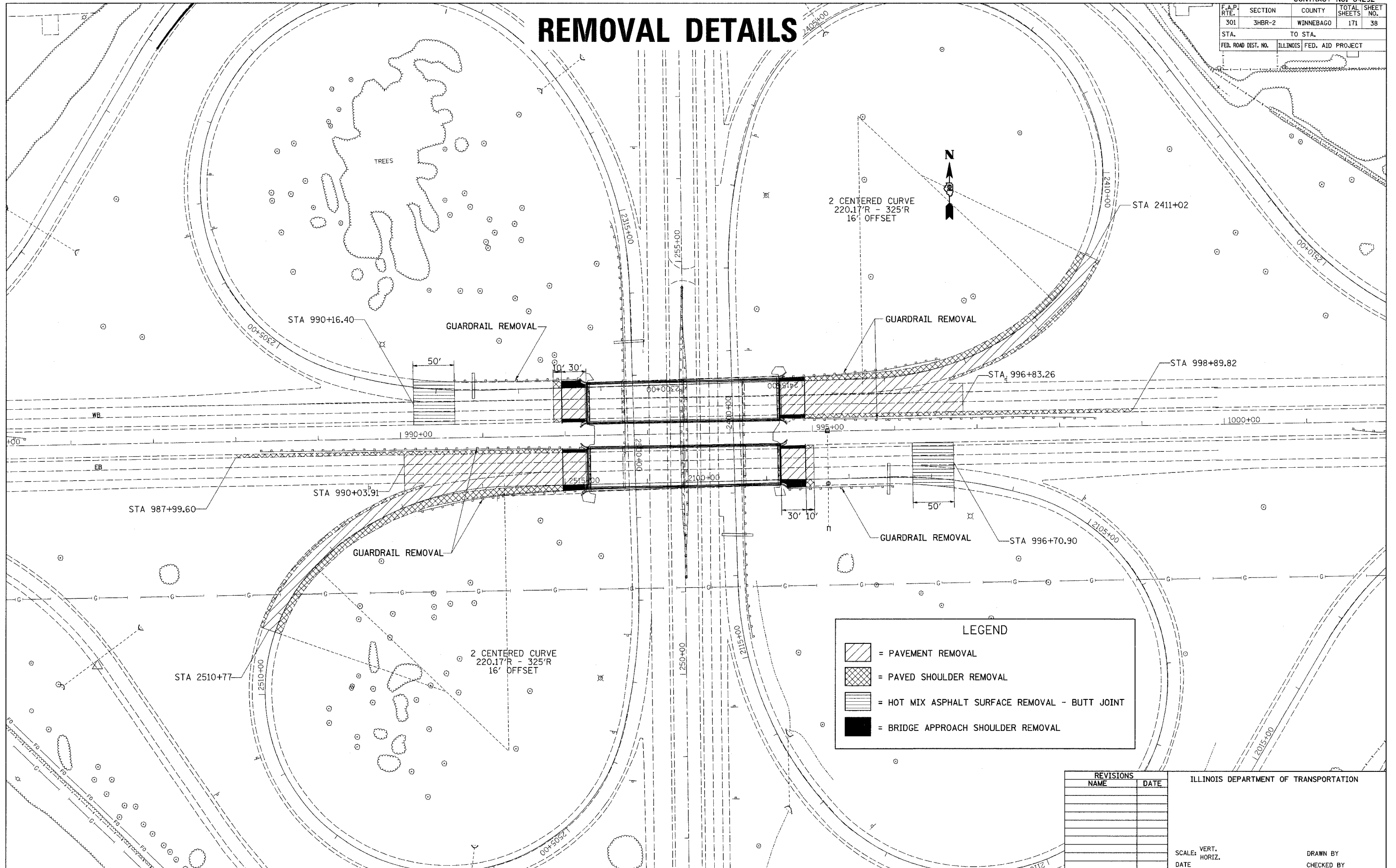


EARTH EXC = 280.2 CY  
 EMBANKMENT = 1.2 CY  
 WASTE = 208.9 CY





PLOT DATE = Fri, Mar 14 09:43:16 2008  
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 PLOT SCALE = 41.9995 / IN.  
 USER NAME = gonad

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HBR-2	WINNEBAGO	171	38
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

# REMOVAL DETAILS



**LEGEND**

-  = PAVEMENT REMOVAL
-  = PAVED SHOULDER REMOVAL
-  = HOT MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
-  = BRIDGE APPROACH SHOULDER REMOVAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_

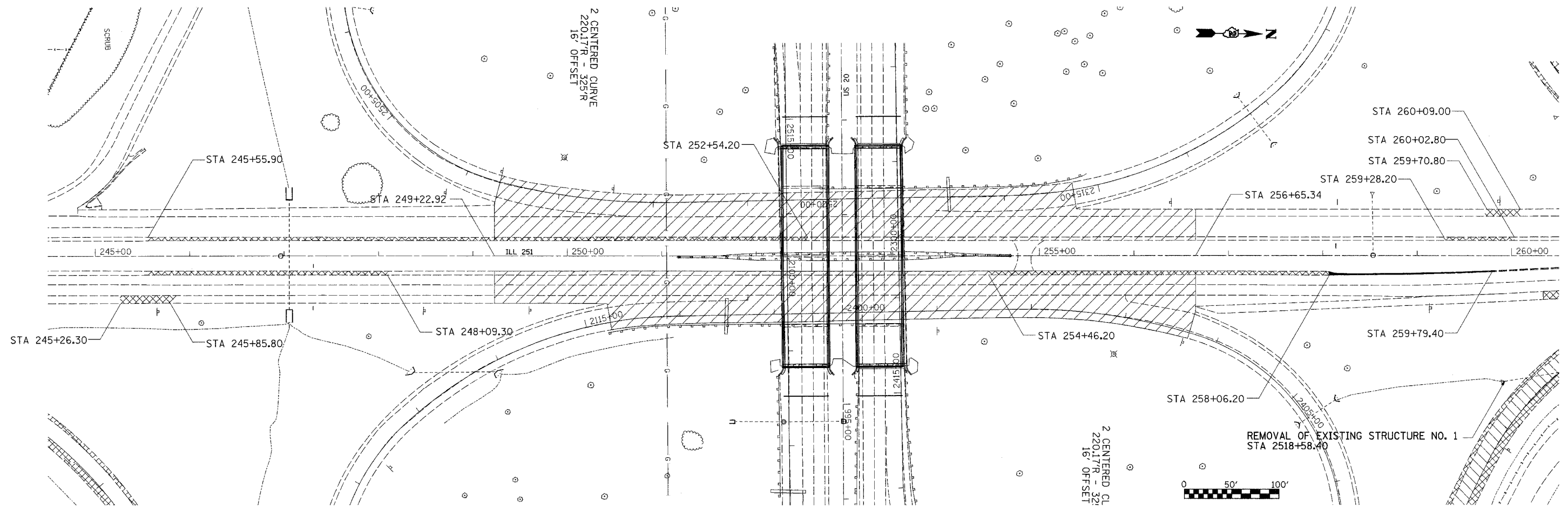
DATE \_\_\_\_\_

DRAWN BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_

PLOT DATE = Fri, Mar 14 09:44:47 2008  
 FILE NAME = c:\projects\2020208\2020208.dwg  
 PLOT SCALE = 1/8" = 1'-0"  
 USER NAME = dmsadd

# REMOVAL DETAILS

CONTRACT NO. 64292				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HBR-2	WINNEBAGO	171	39
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



LEGEND	
	= HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
	= PAVED SHOULDER REMOVAL
	= COMBINATION CURB & GUTTER REMOVAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_

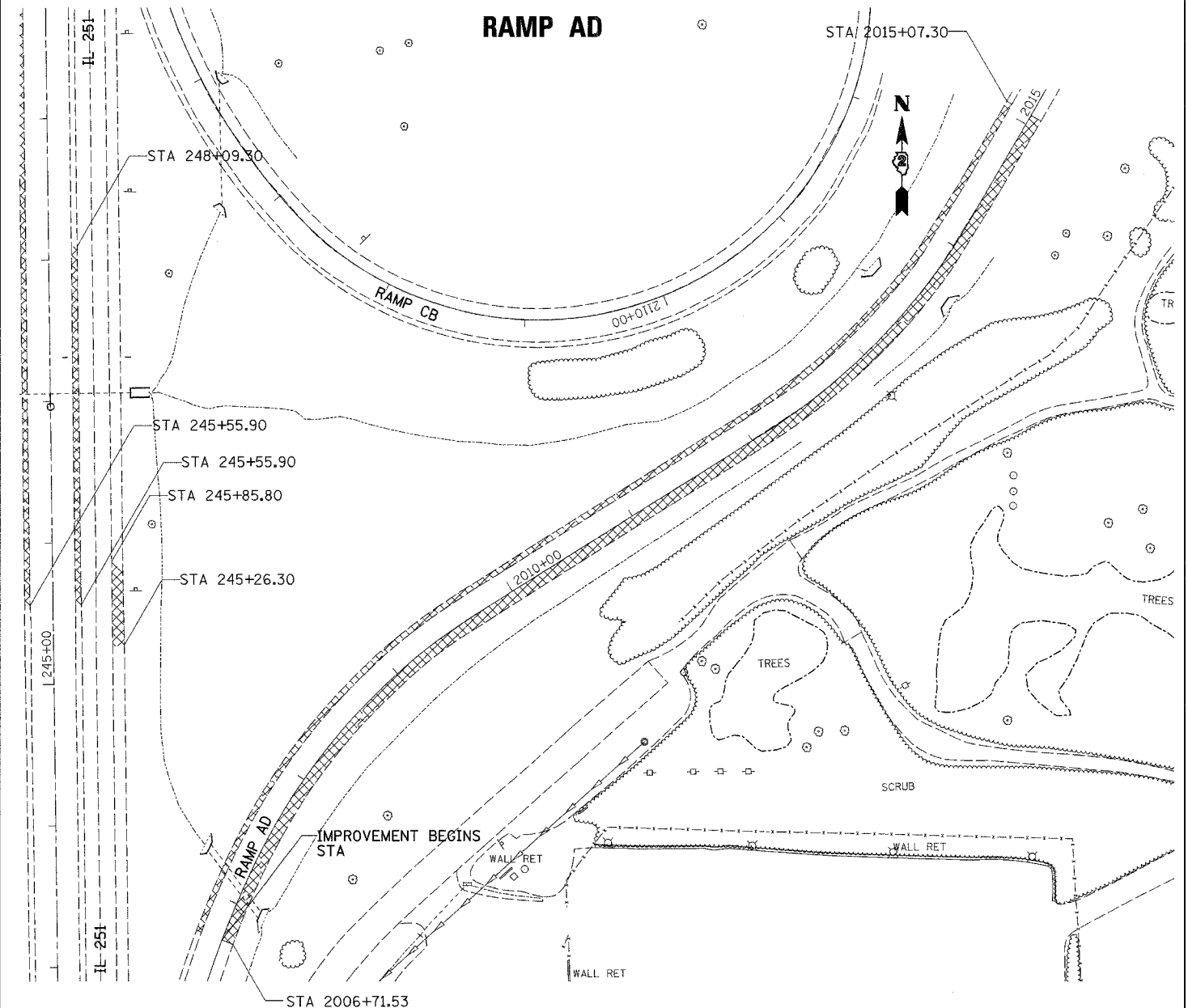
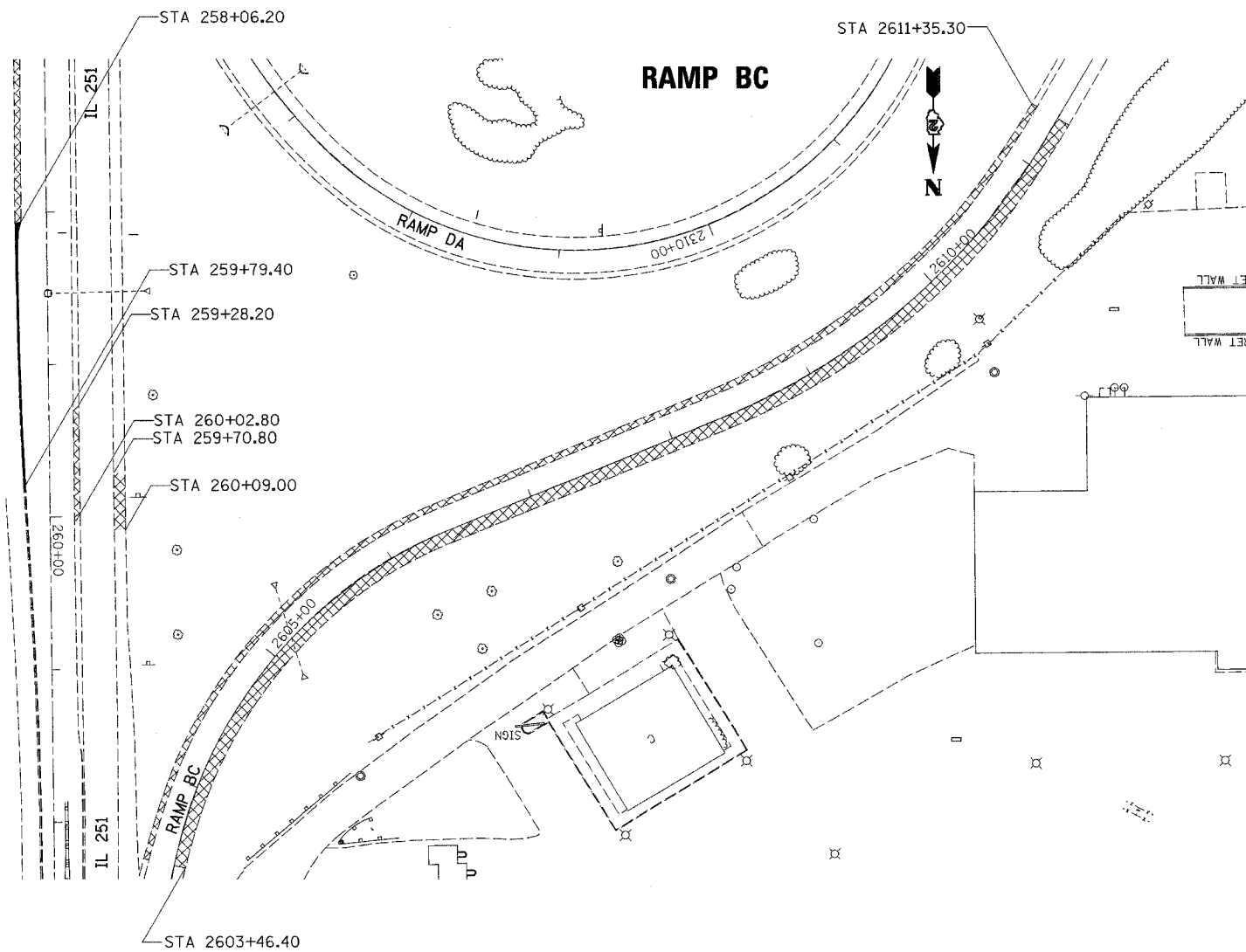
DATE \_\_\_\_\_

DRAWN BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_


PLOT DATE = Fri, Mar 14, 2014 4:48:28PM  
 FILE NAME = c:\projects\242328\082278.dwg  
 PLOT SCALE = 50.0000 / IN.  
 USER NAME = dresdd


# REMOVAL DETAILS

CONTRACT NO. 64292			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
301	3HR-2	WINNEBAGO	171 40
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	





**LEGEND**

 = PAVED SHOULDER REMOVAL

 = COMBINATION CURB & GUTTER REMOVAL

**LEGEND**

 = PAVED SHOULDER REMOVAL

 = COMBINATION CURB & GUTTER REMOVAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE \_\_\_\_\_

DRAWN BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_

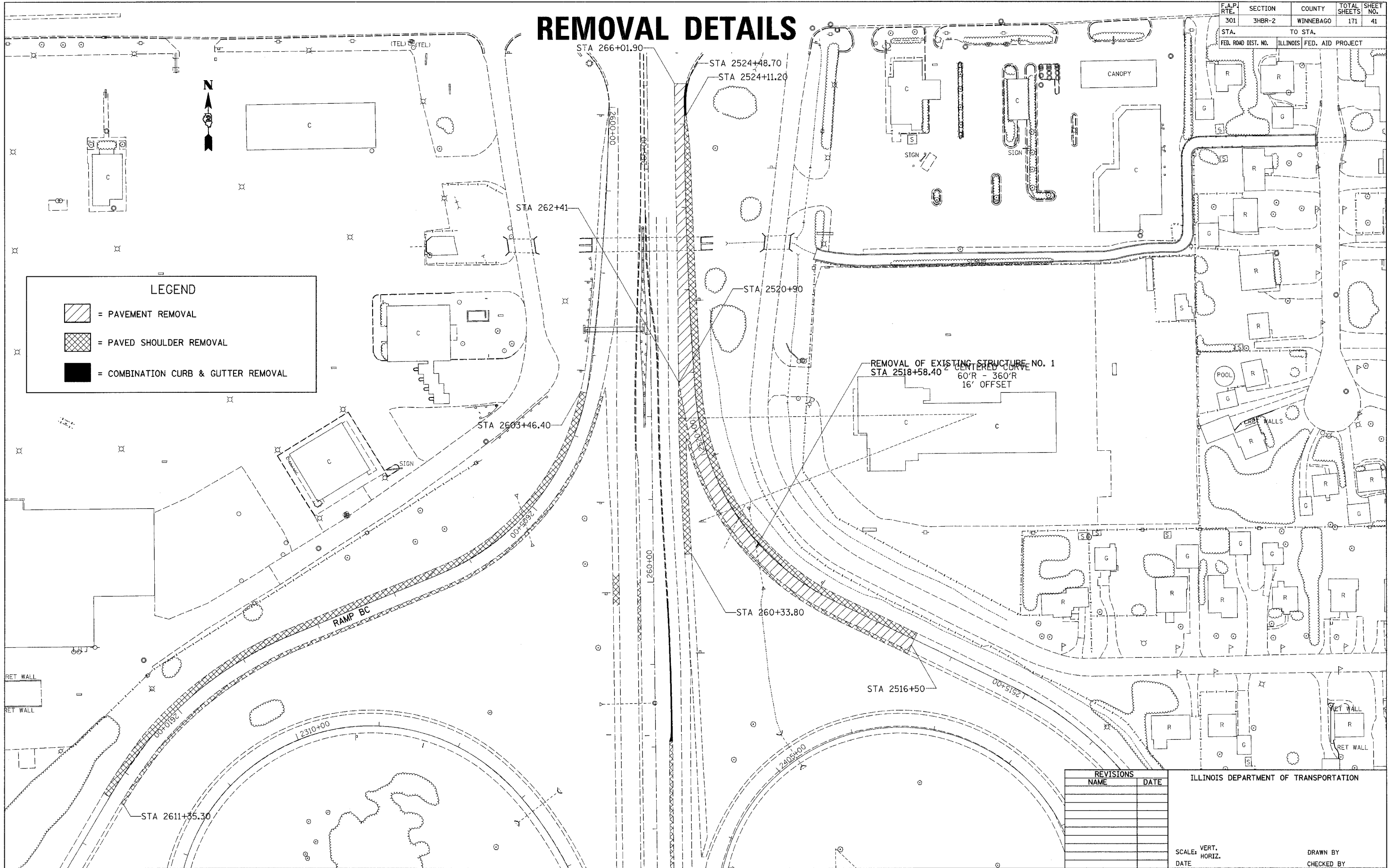
PLOT DATE = Fri, Mar 14 09:44:48 2008  
 FILE NAME = c:\projects\2008\301\3HR-2\64292\64292.dgn  
 PLOT SCALE = 1/8" = 100'-0"  
 USER NAME = dsradd

## REMOVAL DETAILS RAMP BC & RAMP AD



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HR-2	WINNEBAGO	171	41
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# REMOVAL DETAILS



PLOT DATE = Fri, Mar 14 09:44:49 2008  
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 PLOT SCALE = 1/8" = 1' / IN.  
 USER NAME = dward

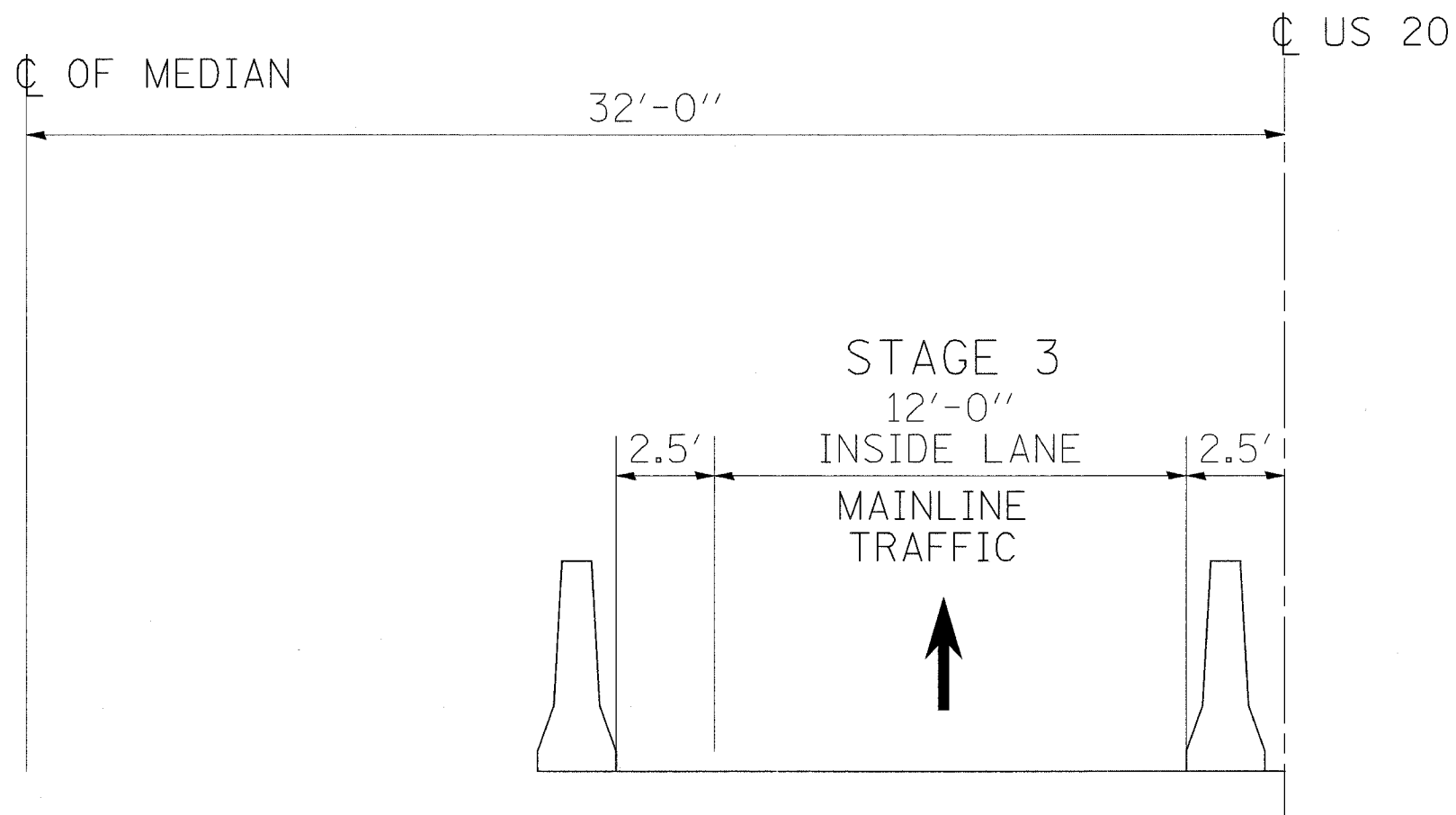
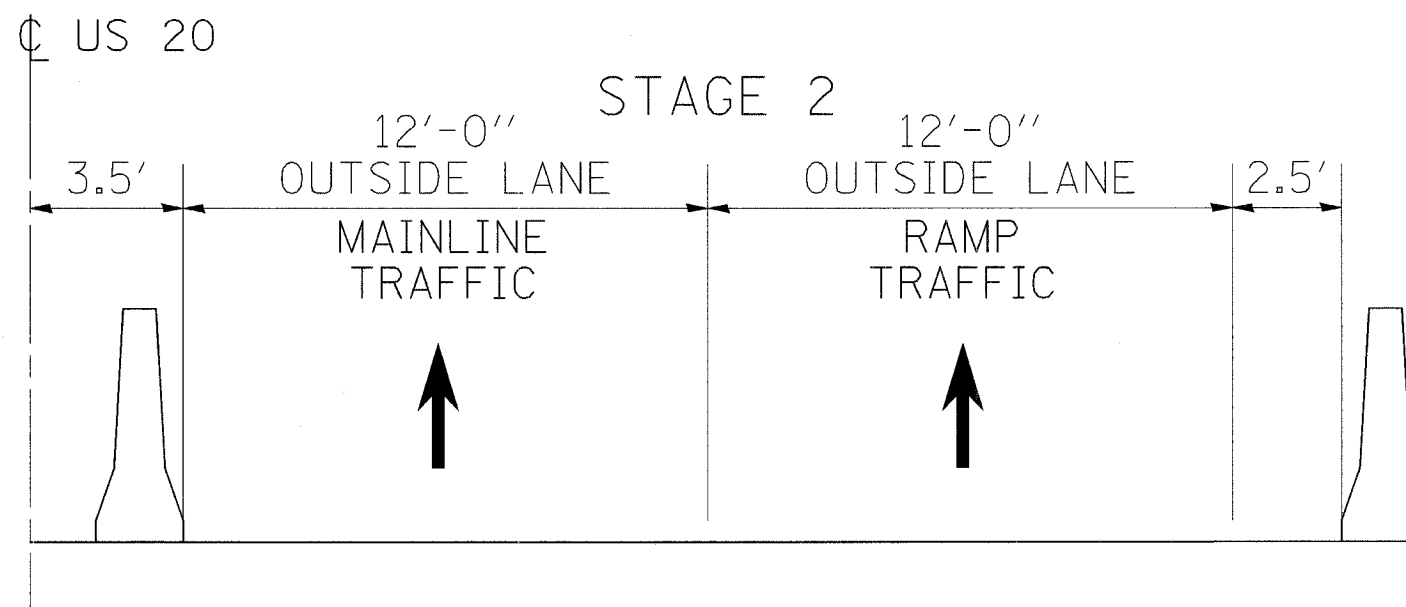
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. DATE  
 HORIZ. CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HR-2	WINNEBAGO	171	42
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

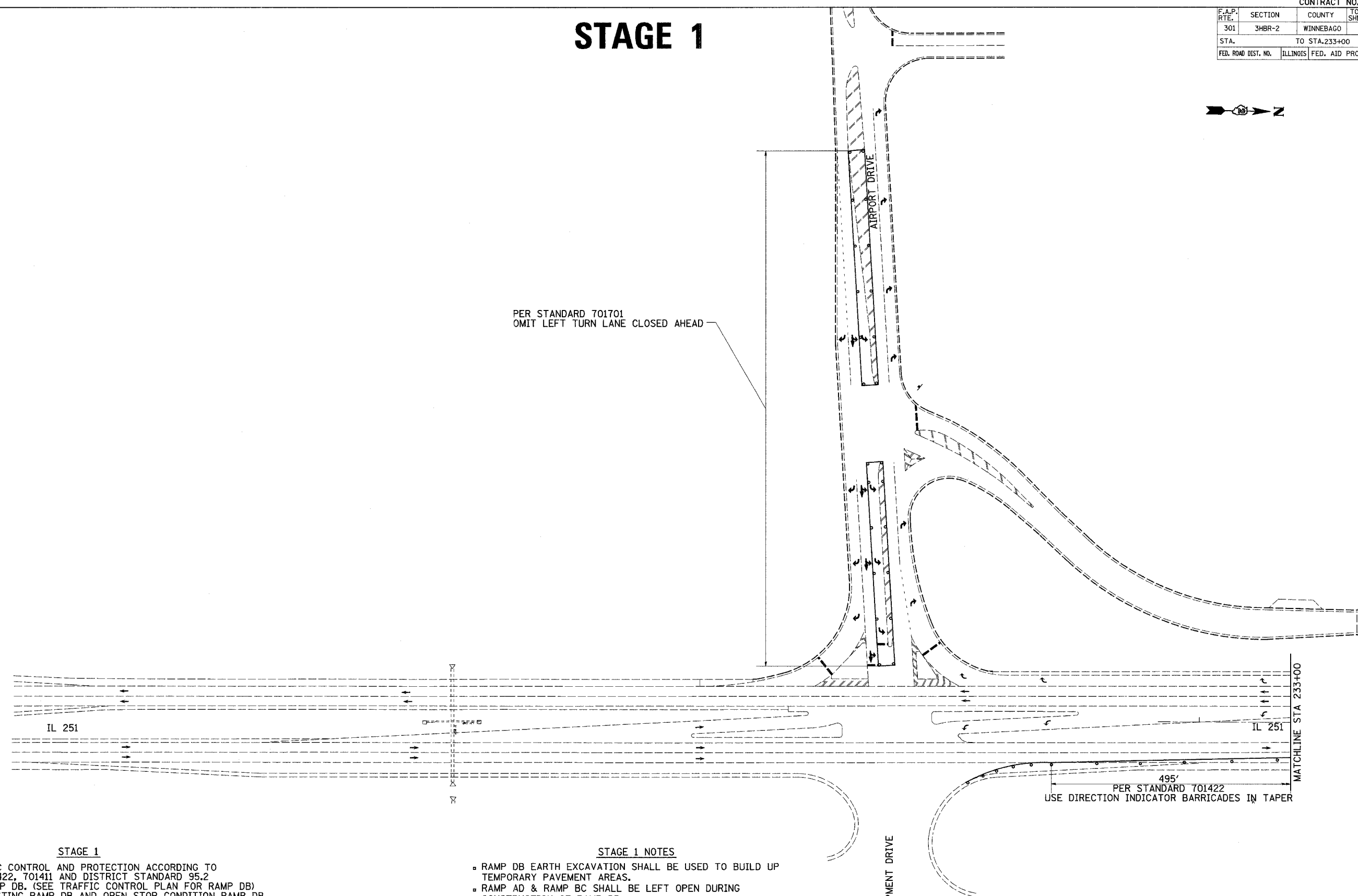
# US 20 STAGING TYPICALS



PLOT DATE = Fri, Nov 14, 2008 10:46:01 AM  
 FILE NAME = c:\projects\2008\2008\2008\2008\2008.dgn  
 PLOT SCALE = 20.0000 / IN.  
 USER NAME = dmsidd

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HBR-2	WINNEBAGO	171	43
STA.		TO STA.233+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# STAGE 1



**STAGE 1**

1. SET UP TRAFFIC CONTROL AND PROTECTION ACCORDING TO STANDARDS 701422, 701411 AND DISTRICT STANDARD 95.2
2. CONSTRUCT RAMP DB. (SEE TRAFFIC CONTROL PLAN FOR RAMP DB)
3. CLOSE THE EXISTING RAMP DB AND OPEN STOP CONDITION RAMP DB AND REMOVE EXISTING PAVEMENT.
4. SHOULDER REMOVAL AND REPLACEMENT. (SEE TRAFFIC CONTROL PLAN FOR RAMP BC & AD)
5. CONSTRUCT TEMPORARY PAVEMENT AT RAMPS CB & DA & TEMPORARY RAMPS BD & AC TO BE USED IN STAGE 3A & 3B.
6. CLOSE TEMPORARY RAMPS TO TRAFFIC USING TYPE III BARRICADES AND DRUMS AT 10' CENTERS.

**STAGE 1 NOTES**

- ▣ RAMP DB EARTH EXCAVATION SHALL BE USED TO BUILD UP TEMPORARY PAVEMENT AREAS.
- ▣ RAMP AD & RAMP BC SHALL BE LEFT OPEN DURING CONSTRUCTION OF RAMP DB
- ▣ RAMP DB & RAMP AD SHALL BE LEFT OPEN DURING CONSTRUCTION OF SHOULDERS AND TEMPORARY PAVEMENT OF RAMP BC.
- ▣ RAMP DB & RAMP BC SHALL BE LEFT OPEN DURING CONSTRUCTION OF SHOULDERS AND TEMPORARY PAVEMENT OF RAMP AD.

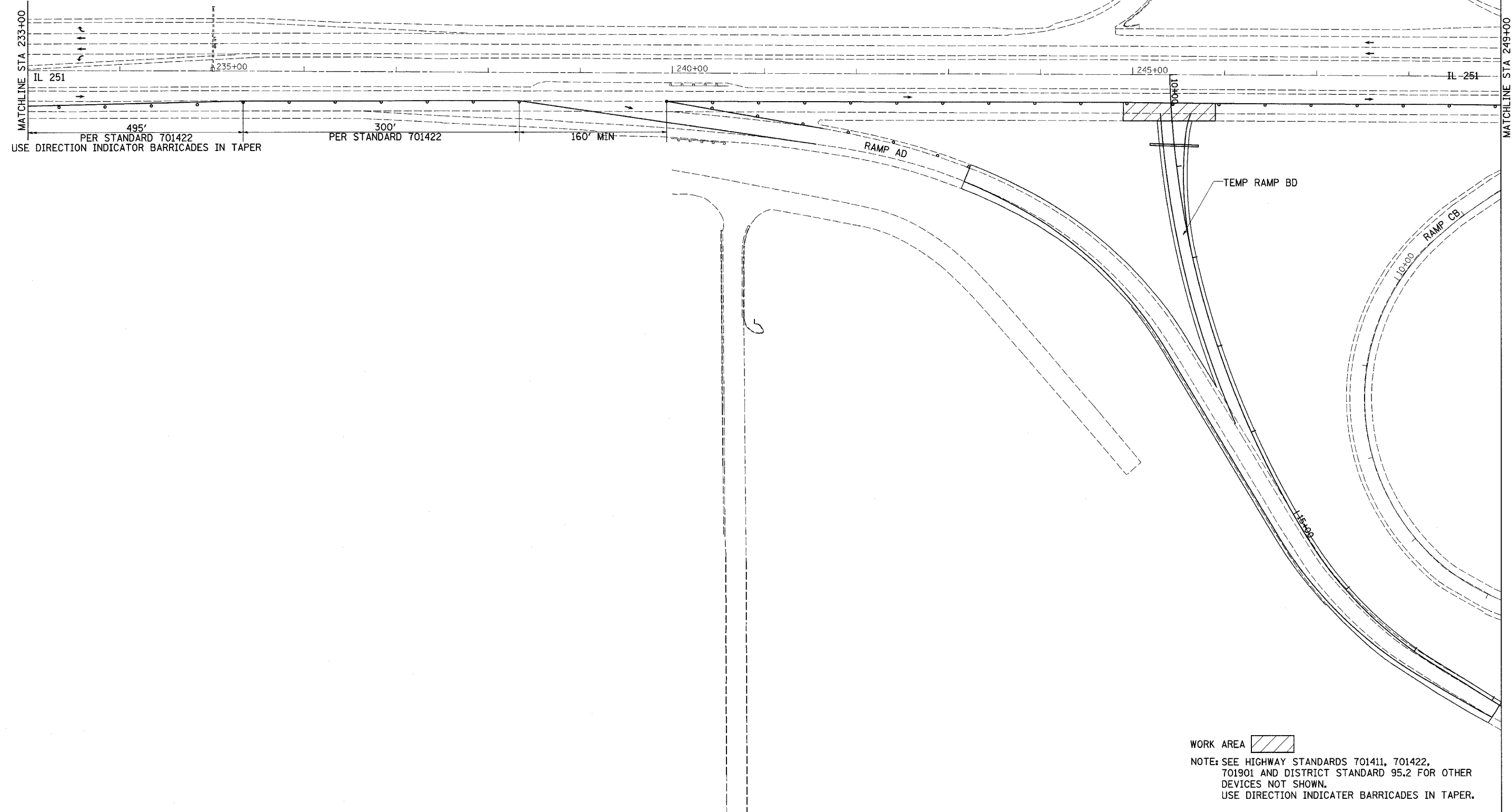
NOTE: SEE HIGHWAY STANDARDS 701400, 701422, 701701, 701901 AND DISTRICT STANDARD 95.2 FOR OTHER DEVICES NOT SHOWN.  
USE DIRECTION INDICATOR BARRICADES IN TAPER.

PLOT DATE = Fri, Mar 14 09:46:02 2008  
 FILE NAME = c:\projects\64292\64292.dwg  
 PLOT SCALE = 1/8"=1'-0"  
 USER NAME = dwardd

# STAGE 1

CONTRACT NO. 64292

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HBR-2	WINNEBAGO	171	44
STA. 233+00		TO STA. 249+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



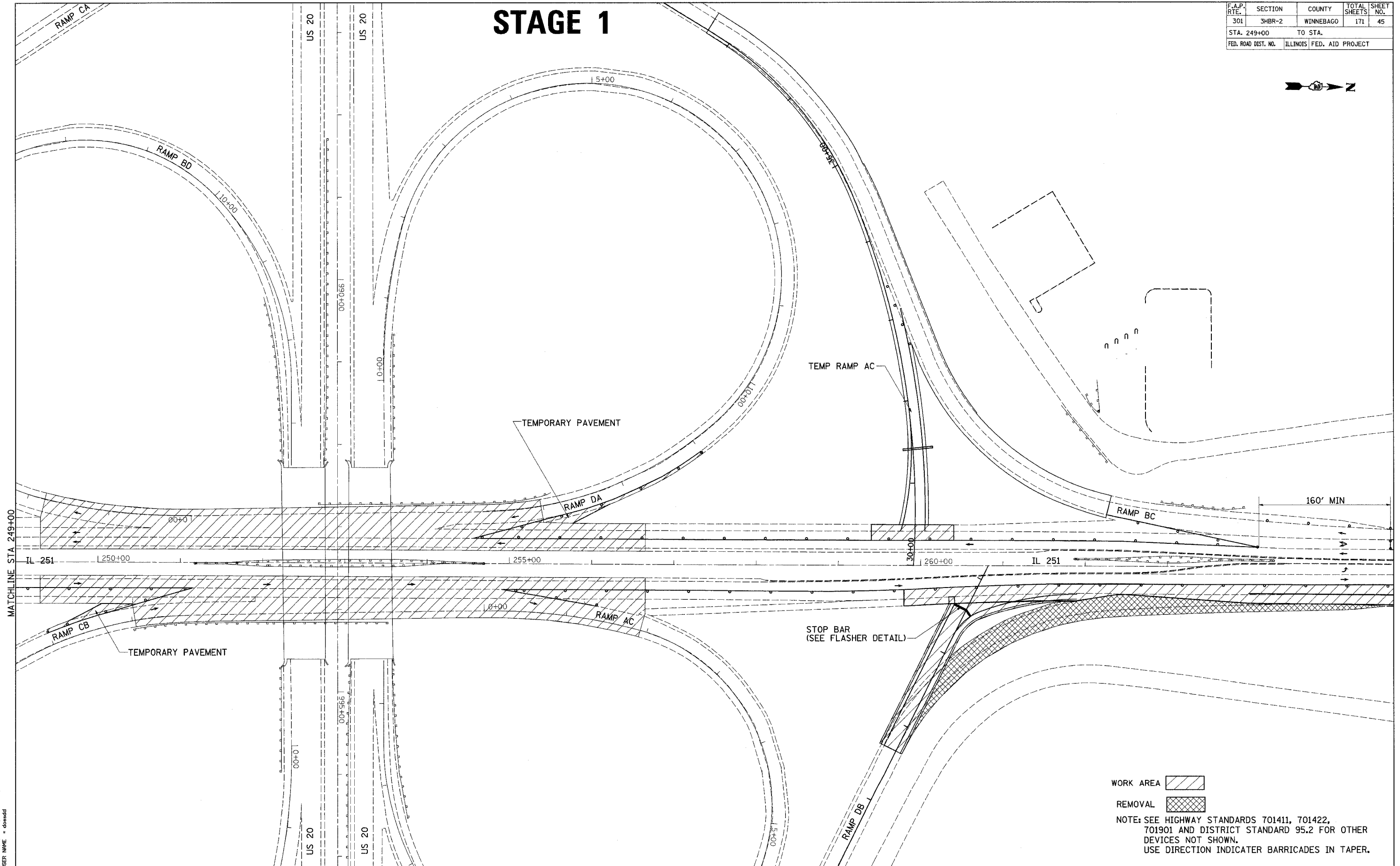
WORK AREA   
 NOTE: SEE HIGHWAY STANDARDS 701411, 701422, 701901 AND DISTRICT STANDARD 95.2 FOR OTHER DEVICES NOT SHOWN.   
 USE DIRECTION INDICATOR BARRICADES IN TAPER.

PLOT DATE = Fri, Nov 14 09:46:02 2008  
 FILE NAME = c:\projects\64292\64292.dgn  
 PLOT SCALE = 1/8" = 1'-0"  
 USER NAME = dmsadd



## STAGE 1 DETAIL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HBR-2	WINNEBAGO	171	45
STA. 249+00		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# STAGE 1



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 PLOT SCALE = 1/8" = 1'-0"  
 USER NAME = dmsdd

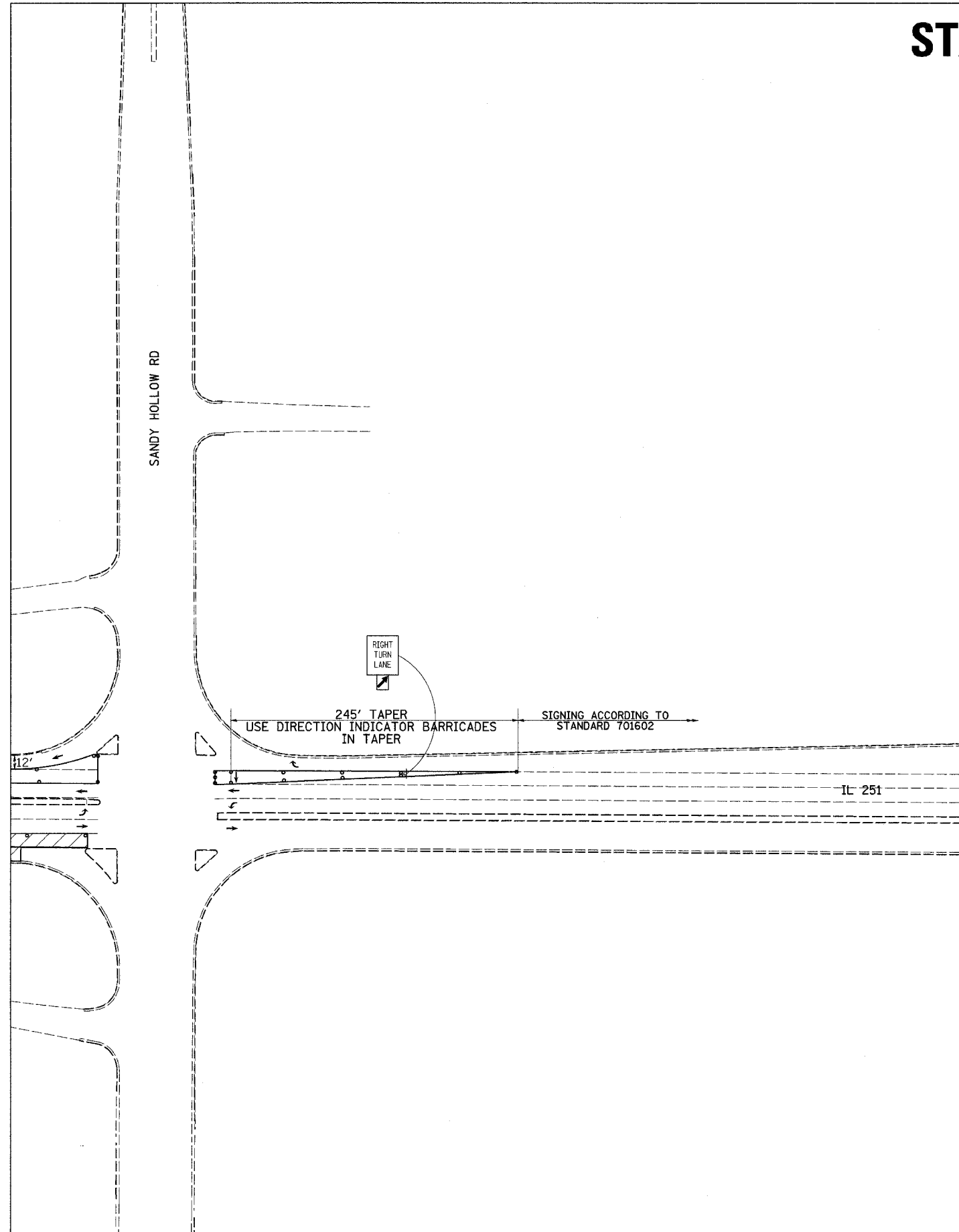
WORK AREA   
 REMOVAL 

NOTE: SEE HIGHWAY STANDARDS 701411, 701422,  
 701901 AND DISTRICT STANDARD 95.2 FOR OTHER  
 DEVICES NOT SHOWN.  
 USE DIRECTION INDICATOR BARRICADES IN TAPER.

## STAGE 1 DETAIL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HBR-2	WINNEBAGO	171	46
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# STAGE 1



PLOT DATE = Fri, Mar 14, 2008 10:46:42 AM  
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PLOT SCALE = 1/8" = 1'-0"  
USER NAME = dmsidd

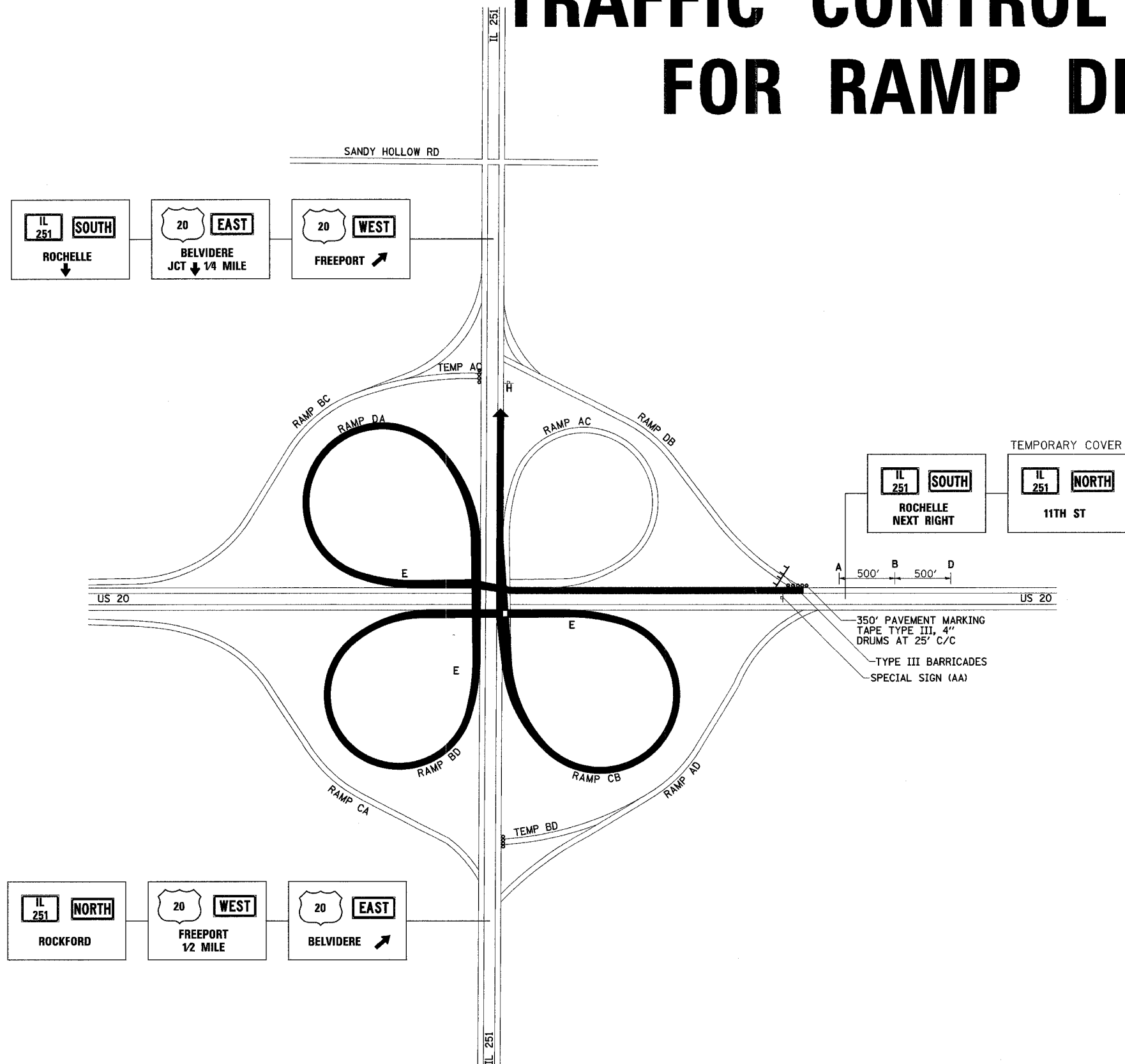
WORK AREA 

NOTE: SEE HIGHWAY STANDARDS 701602, 701901 AND DISTRICT STANDARD 95.2 FOR OTHER DEVICES NOT SHOWN.  
USE DIRECTION INDICATOR BARRICADES IN TAPER.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HBR-2	WINNEBAGO	171	47
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



# TRAFFIC CONTROL PLAN FOR RAMP DB



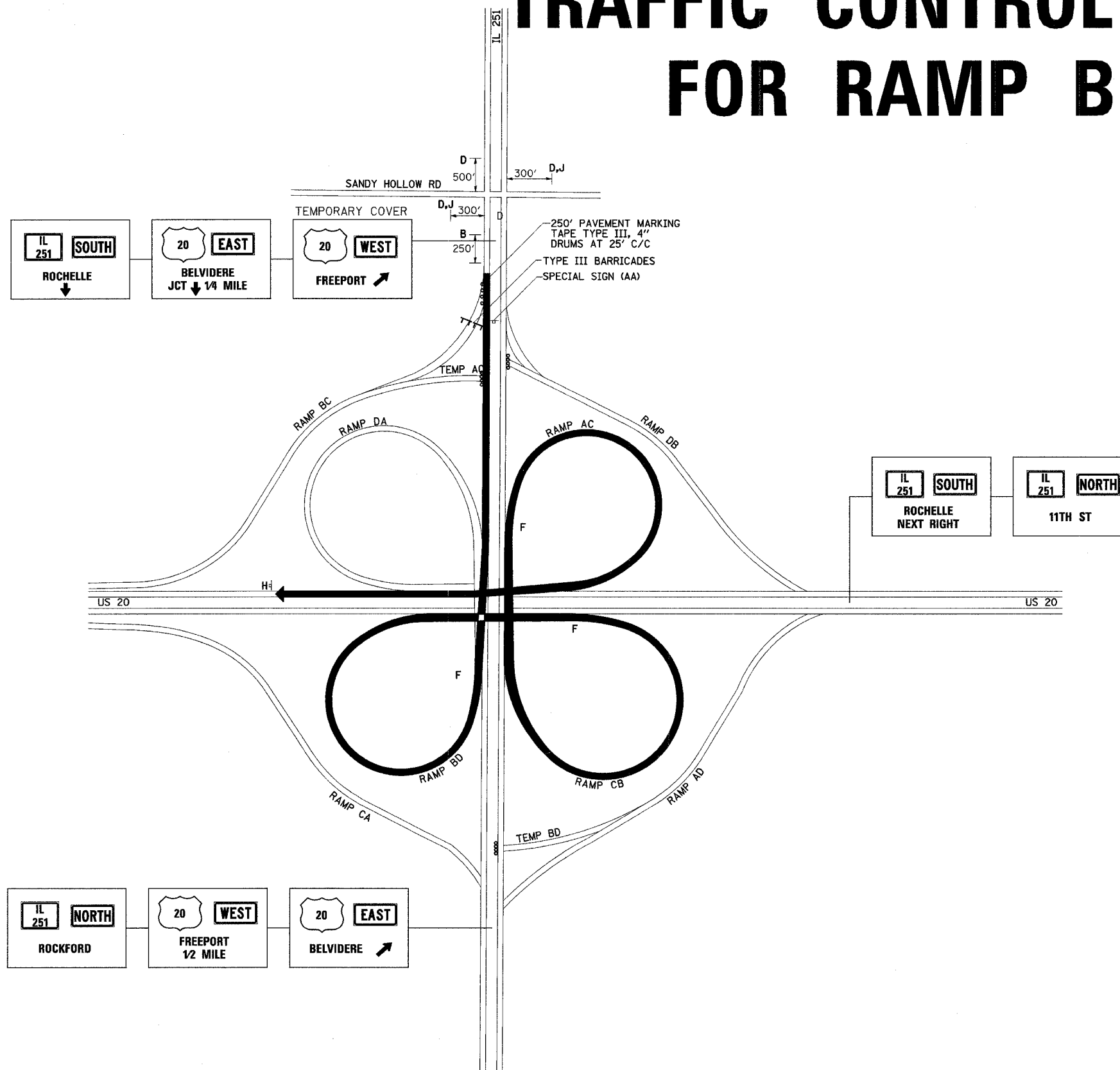
- A.** TO M4-5 30X15 ORANGE  
NORTH M3-1 30X15 WHITE  
IL 251 M1-100 36X36 WHITE  
↑ M6-3 30X18 ORANGE
- B.** RAMP DETOUR AHEAD 48"
- C.** RAMP CLOSED AHEAD 48"
- D.** RAMP DETOUR AHEAD 48"
- E. RAMP DB**  
TO M4-5 30X15 ORANGE  
NORTH M3-1 30X15 WHITE  
IL 251 M1-100 36X36 WHITE  
↗ M6-2R 30X18 ORANGE
- F. RAMP BC**  
TO M4-5 30X15 ORANGE  
WEST M3-4 30X15 WHITE  
20 M1-4 36X36 WHITE  
↙ M6-2R 30X18 ORANGE
- G. RAMP AD**  
TO M4-5 30X15 ORANGE  
EAST M3-2 30X15 WHITE  
20 M1-4 36X36 WHITE  
↘ M6-2R 30X18 ORANGE
- H. END DETOUR** M4-8A 24X18
- I.** W1-6 36X18 ORANGE
- J.** W1-6 36X18 ORANGE
- SPECIAL SIGN (AA)**  
RAMP DETOUR

NOTE: SEE SPECIAL SIGN DETAILS SHEET  
TEMPORARY COVER CAN BE A TARP USING RUBBER TARP STRAPS.  
THE RAMPS SHALL NOT BE CLOSED AT THE SAME TIME.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HBR-2	WINNEBAGO	171	48
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



# TRAFFIC CONTROL PLAN FOR RAMP BC



- A. TO M4-5 30X15 ORANGE  
NORTH M3-1 30X15 WHITE  
IL 251 M1-100 36X36 WHITE  
↑ M6-3 30X18 ORANGE
- B. RAMP DETOUR AHEAD 48"
- C. RAMP DB TO M4-5 30X15 ORANGE  
NORTH M3-1 30X15 WHITE  
IL 251 M1-100 36X36 WHITE  
↗ M6-2R 30X18 ORANGE
- D. RAMP CLOSED AHEAD 48"
- E. RAMP BC TO M4-5 30X15 ORANGE  
WEST M3-4 30X15 WHITE  
20 M1-4 36X36 WHITE  
↗ M6-2R 30X18 ORANGE
- F. RAMP AD TO M4-5 30X15 ORANGE  
EAST M3-2 30X15 WHITE  
20 M1-4 36X36 WHITE  
↗ M6-2R 30X18 ORANGE
- G. RAMP AD TO M4-5 30X15 ORANGE  
EAST M3-2 30X15 WHITE  
20 M1-4 36X36 WHITE  
↗ M6-2R 30X18 ORANGE
- H. END DETOUR M4-8A 24X18
- I. → W1-6 36X18 ORANGE  
←
- J. SPECIAL SIGN (AA) RAMP DETOUR

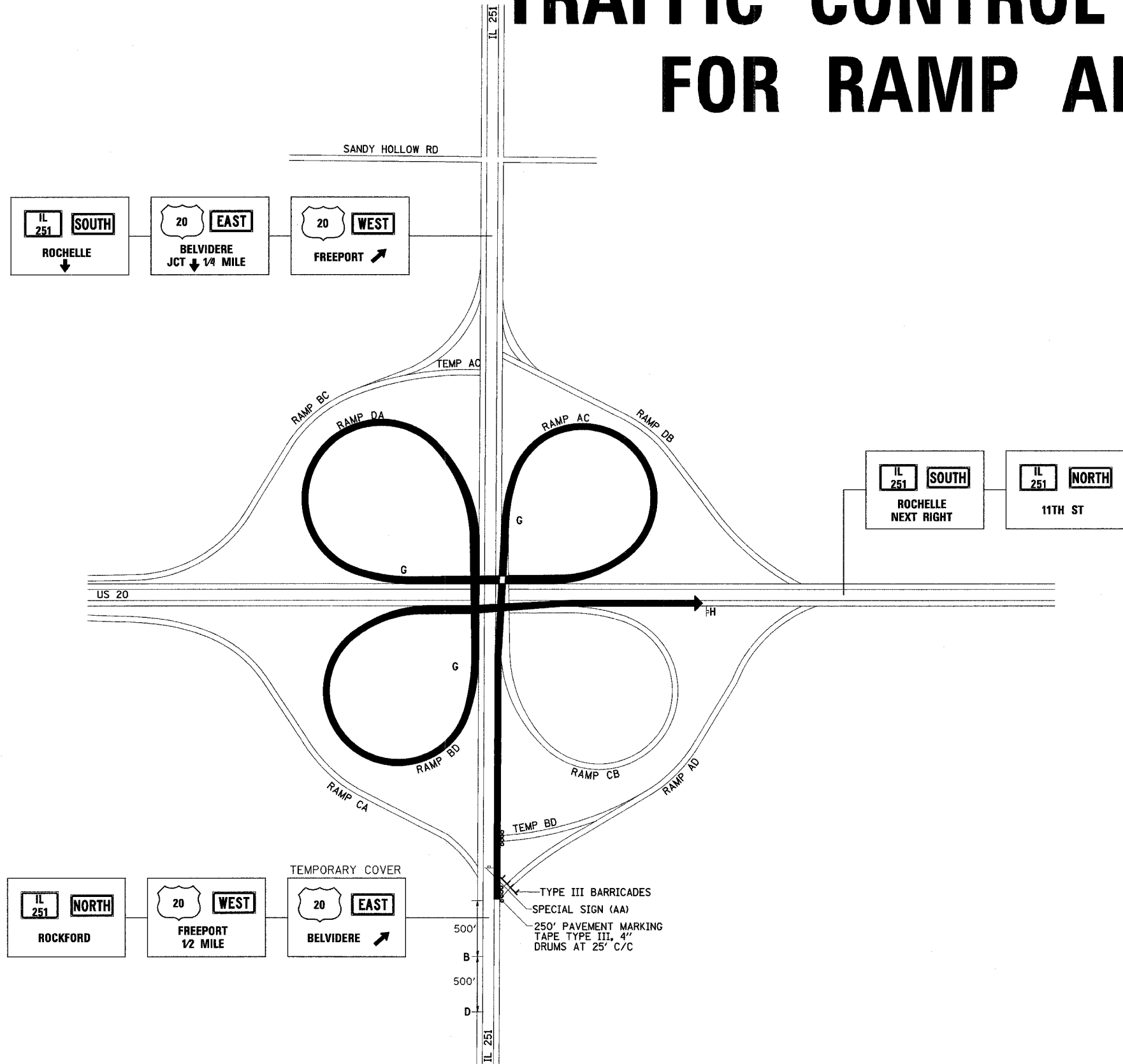
NOTE: SEE SPECIAL SIGN DETAILS SHEET  
 TEMPORARY COVER CAN BE A TARP USING RUBBER TARP STRAPS.  
 THE RAMPS SHALL NOT BE CLOSED AT THE SAME TIME.



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HBR-2	WINNEBAGO	171	49
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



# TRAFFIC CONTROL PLAN FOR RAMP AD

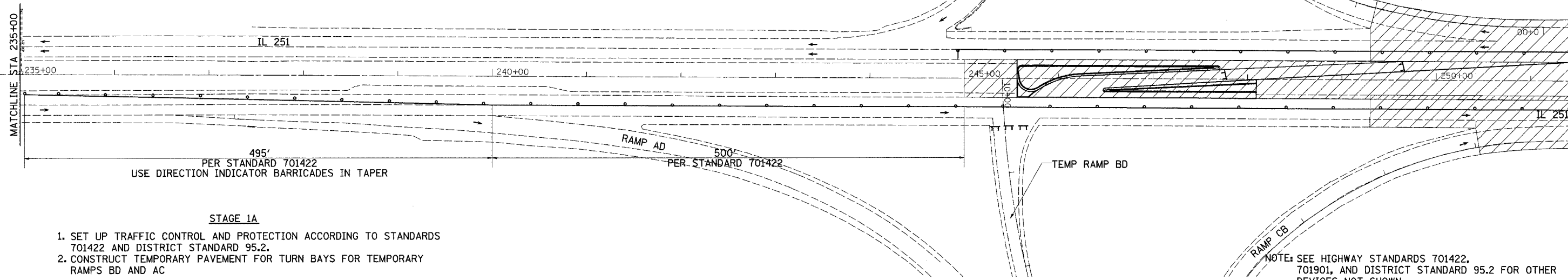


- A. TO M4-5 30X15 ORANGE  
NORTH M3-1 30X15 WHITE  
IL 251 M1-100 36X36 WHITE  
↑ M6-3 30X18 ORANGE
- B. RAMP DETOUR AHEAD 48"
- C. RAMP DETOUR AHEAD 48"
- D. RAMP CLOSED AHEAD 48"
- E. RAMP DB TO M4-5 30X15 ORANGE  
NORTH M3-1 30X15 WHITE  
IL 251 M1-100 36X36 WHITE  
↗ M6-2R 30X18 ORANGE
- F. RAMP BC TO M4-5 30X15 ORANGE  
WEST M3-4 30X15 WHITE  
20 M1-4 36X36 WHITE  
↗ M6-2R 30X18 ORANGE
- G. RAMP AD TO M4-5 30X15 ORANGE  
EAST M3-2 30X15 WHITE  
20 M1-4 36X36 WHITE  
↗ M6-2R 30X18 ORANGE
- H. END DETOUR M4-8A 24X18
- J. → W1-6 36X18 ORANGE  
←
- SPECIAL SIGN (AA)  
RAMP DETOUR

NOTE: SEE SPECIAL SIGN DETAILS SHEET  
 TEMPORARY COVER CAN BE A TARP USING RUBBER TARP STRAPS.  
 THE RAMPS SHALL NOT BE CLOSED AT THE SAME TIME.

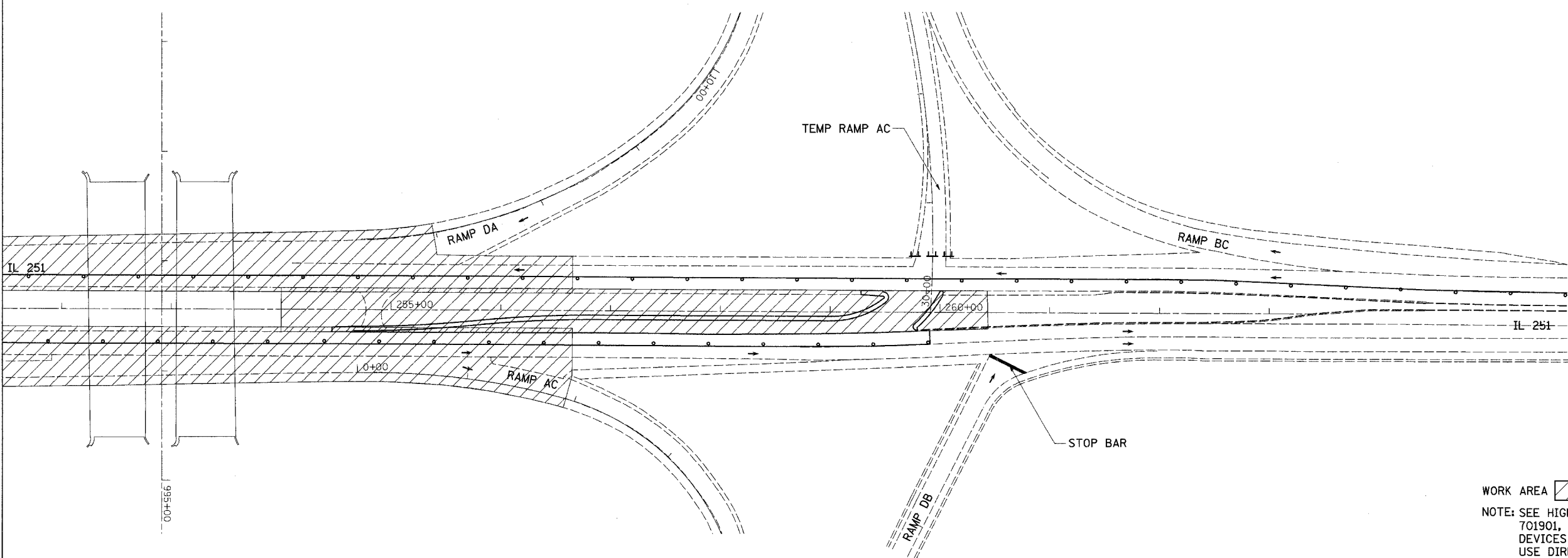
# STAGE 1A


CONTRACT NO. 64292			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
301	3HR-2	WINNEBAGO	171 50
STA.		TO STA.	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	



- STAGE 1A**
1. SET UP TRAFFIC CONTROL AND PROTECTION ACCORDING TO STANDARDS 701422 AND DISTRICT STANDARD 95.2.
  2. CONSTRUCT TEMPORARY PAVEMENT FOR TURN BAYS FOR TEMPORARY RAMPS BD AND AC

NOTE: SEE HIGHWAY STANDARDS 701422, 701901, AND DISTRICT STANDARD 95.2 FOR OTHER DEVICES NOT SHOWN.  
USE DIRECTION INDICATOR BARRICADES IN TAPER.



WORK AREA 

NOTE: SEE HIGHWAY STANDARDS 701422, 701901, AND DISTRICT STANDARD 95.2 FOR OTHER DEVICES NOT SHOWN.  
USE DIRECTION INDICATOR BARRICADES IN TAPER.

PLOT DATE = Fri, Nov 14, 09:46:02 2008  
FILE NAME = c:\projects\64292\301\3HR-2\171\171.dgn  
PLOT SCALE = 1/8" = 1'-0"  
USER NAME = dmsd

## STAGE 1A DETAIL

# STAGE 1A

CONTRACT NO. 64292

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HBR-2	WINNEBAGO	171	51
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



SANDY HOLLOW RD

RIGHT TURN LANE

245' TAPER  
USE DIRECTION INDICATOR BARRICADES IN TAPER

SIGNING ACCORDING TO STANDARD 701602

IL 251

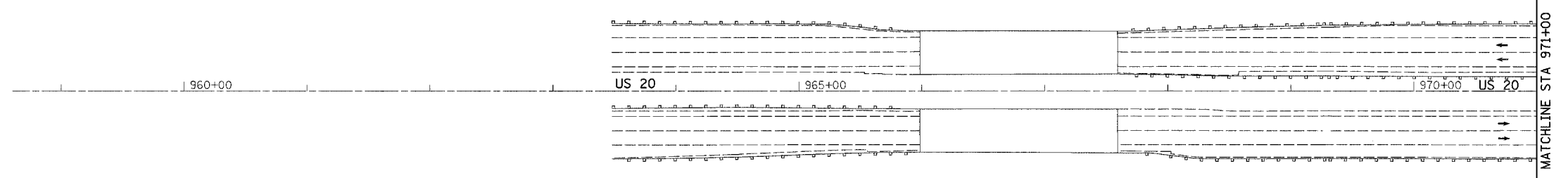
PLOT DATE = Fri, Mar 14 09:46:02 2008  
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 PLOT SCALE = 80.0000' / IN.  
 USER NAME = ctwadd

NOTE: SEE HIGHWAY STANDARDS 701602, 701901, AND DISTRICT STANDARD 95.2 FOR OTHER DEVICES NOT SHOWN.  
 USE DIRECTION INDICATOR BARRICADES IN TAPER.

**STAGE 1A DETAIL**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HR-2	WINNEBAGO	171	52
STA. 959+00		TO STA. 986+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

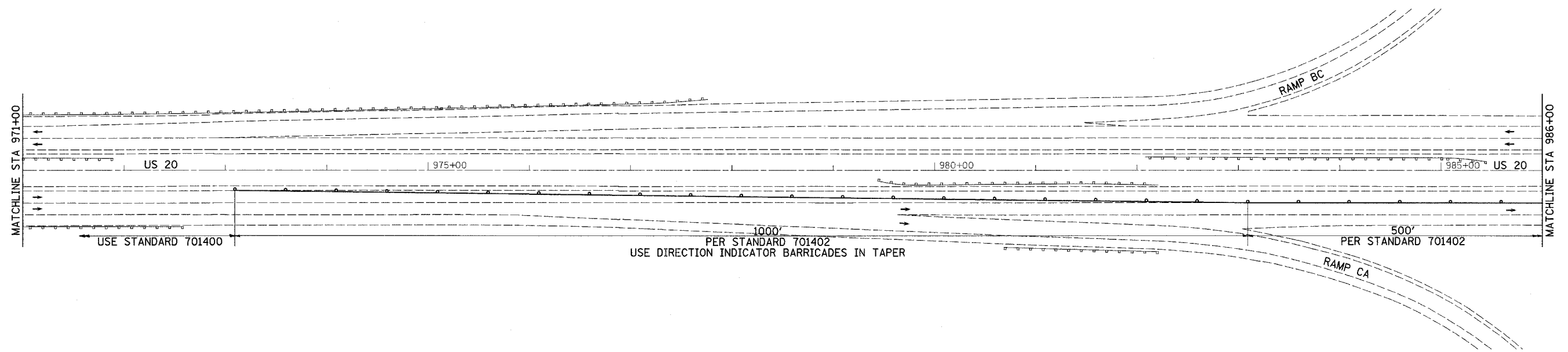
# STAGE 2 (US 20)



**STAGE 2**

1. SET UP TRAFFIC CONTROL AND PROTECTION ACCORDING TO STANDARDS 701400, 701402 AND 701411.
2. REMOVE AND CONSTRUCT INSIDE LANES OF EACH STRUCTURE.

NOTE: SEE HIGHWAY STANDARDS 701400, 701402, 701411, 701901 AND 704001 FOR OTHER DEVICES NOT SHOWN. USE DIRECTION INDICATER BARRICADES IN TAPER.



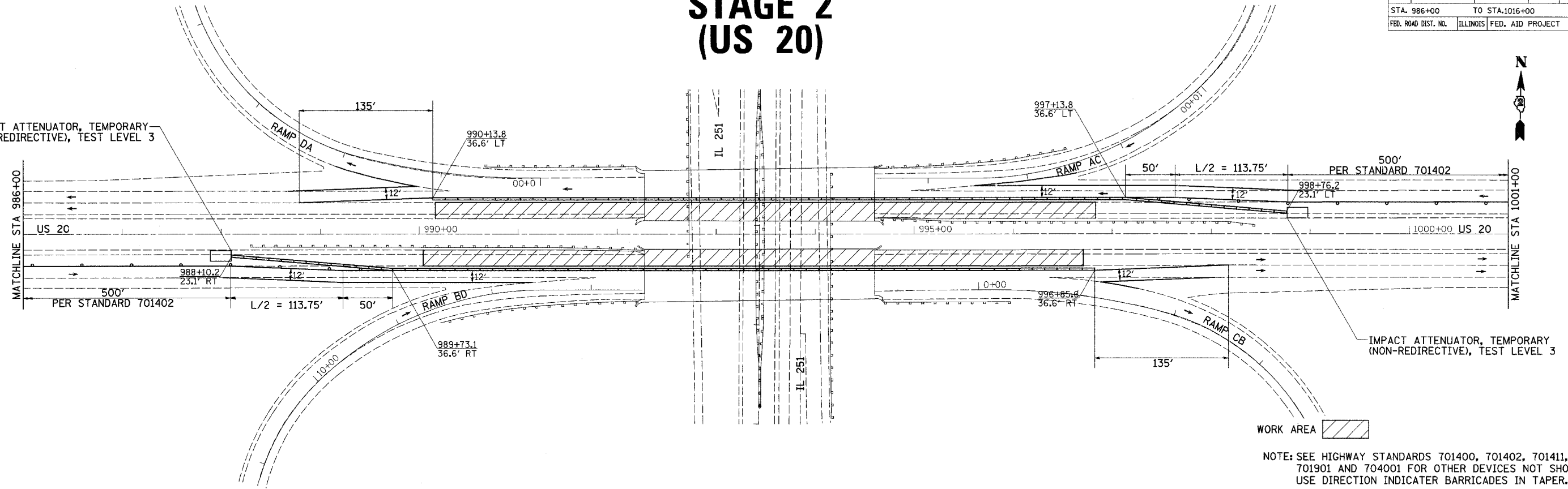
NOTE: SEE HIGHWAY STANDARDS 701400, 701402, 701411, 701901 AND 704001 FOR OTHER DEVICES NOT SHOWN. USE DIRECTION INDICATER BARRICADES IN TAPER.

PLOT DATE = Fri, Mar 14, 2008 14:00:00  
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 USER NAME = dwardd

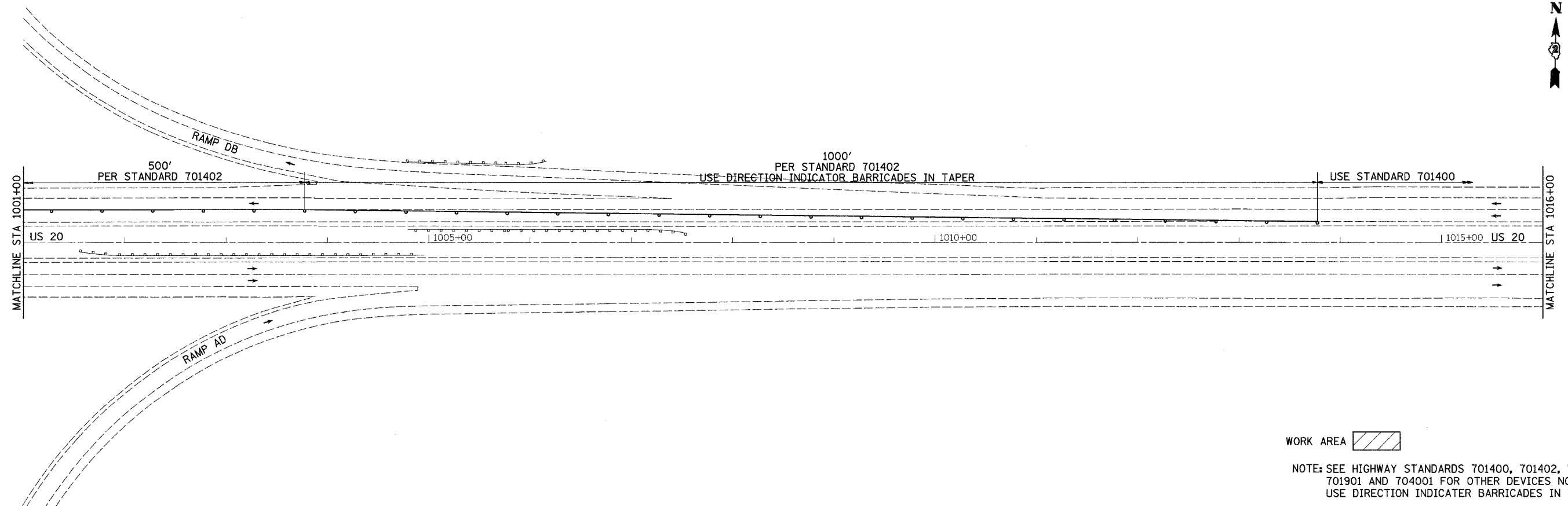
F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HBR-2	WINNEBAGO	171	53
STA. 986+00		TO STA.1016+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

# STAGE 2 (US 20)

IMPACT ATTENUATOR, TEMPORARY  
(NON-REDIRECTIVE), TEST LEVEL 3



NOTE: SEE HIGHWAY STANDARDS 701400, 701402, 701411, 701901 AND 704001 FOR OTHER DEVICES NOT SHOWN. USE DIRECTION INDICATOR BARRICADES IN TAPER.

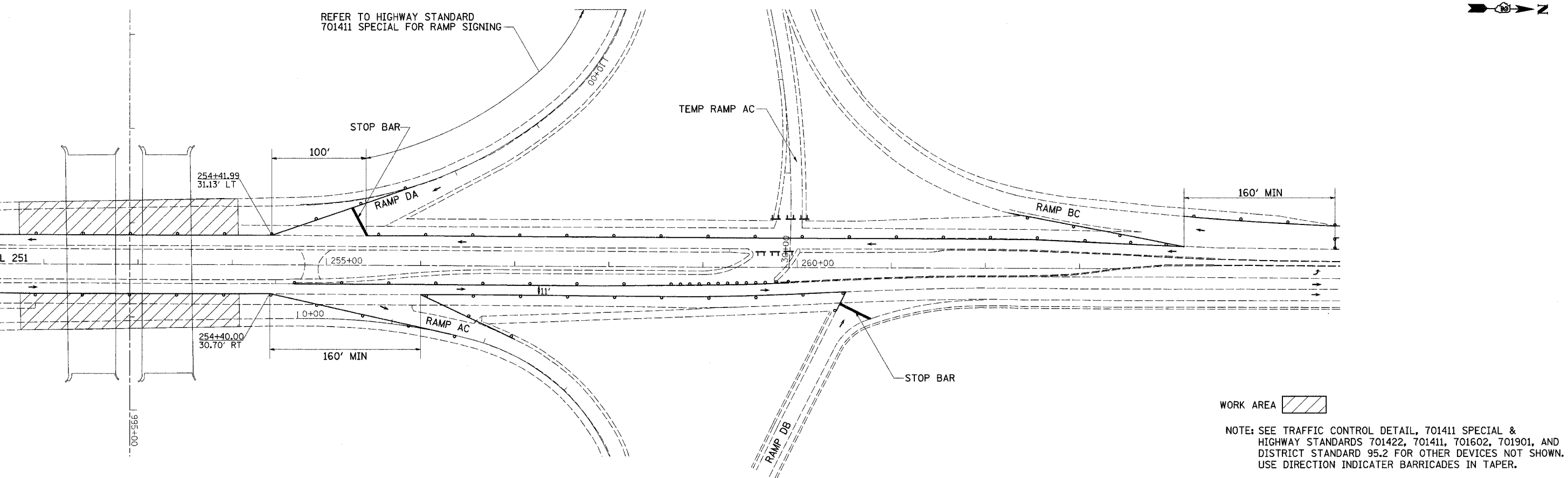
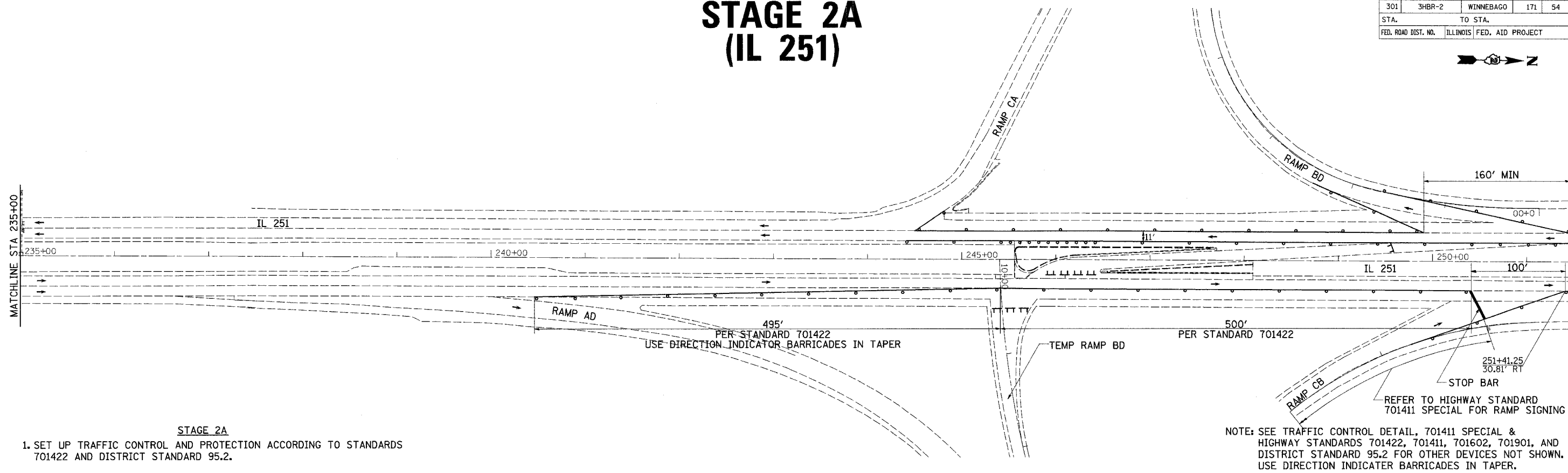


NOTE: SEE HIGHWAY STANDARDS 701400, 701402, 701411, 701901 AND 704001 FOR OTHER DEVICES NOT SHOWN. USE DIRECTION INDICATOR BARRICADES IN TAPER.

PLOT DATE = Fri, Mar 14, 2008 10:08:30 AM  
 FILE NAME = c:\projects\2023296\_2023296\_2023296.dgn  
 PLOT SCALE = 50.00000 / 1 IN.  
 USER NAME = dmsdd

# STAGE 2A (IL 251)

CONTRACT NO. 64292				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HBR-2	WINNEBAGO	171	54
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

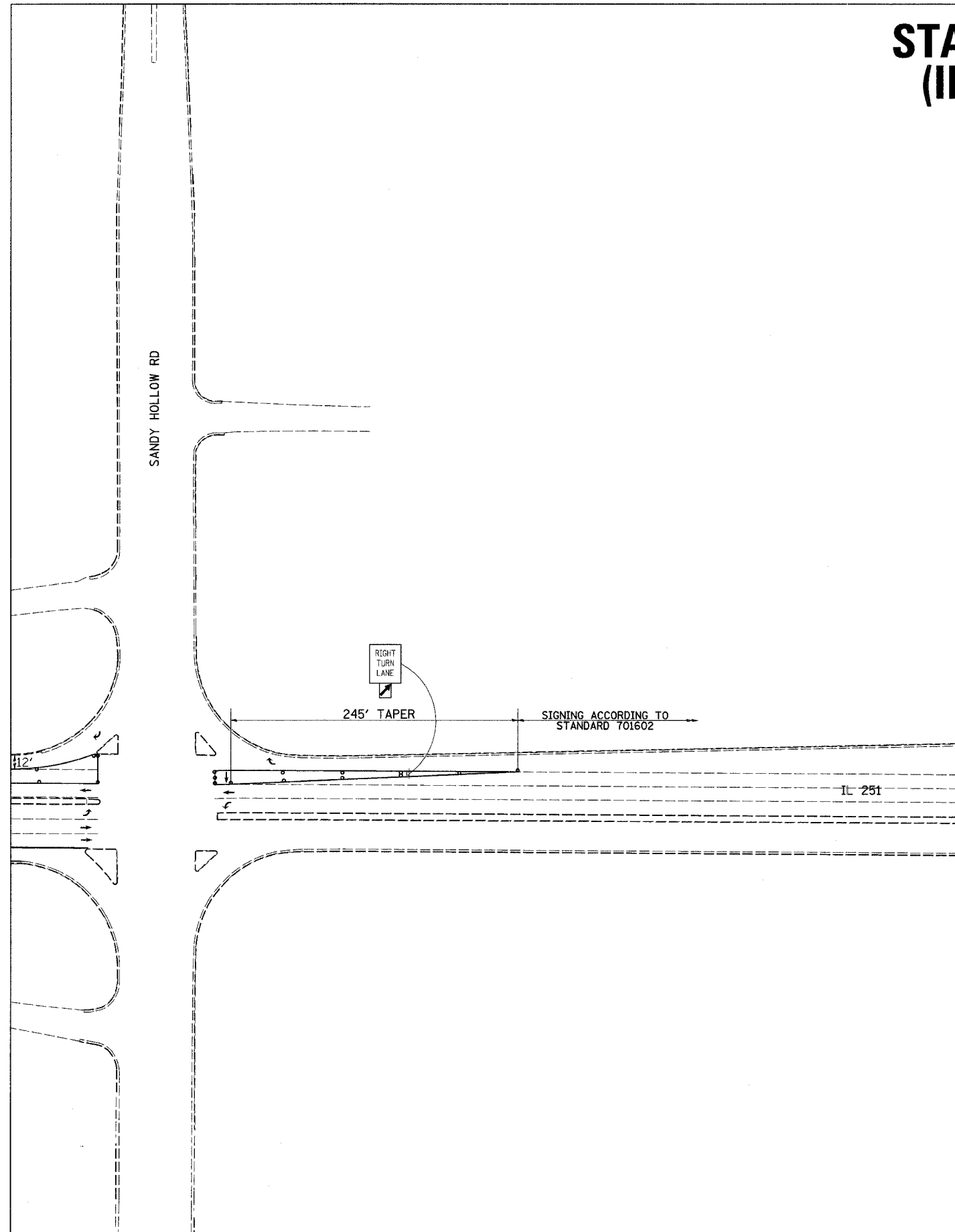


PLOT DATE = Fri, Mar 14 09:46:03 2008  
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 PLOT SCALE = 1/8" = 1'-0"  
 USER NAME = dward

## STAGE 2A DETAIL(IL 251)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HBR-2	WINNEBAGO	171	55
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

# STAGE 2A (IL 251)

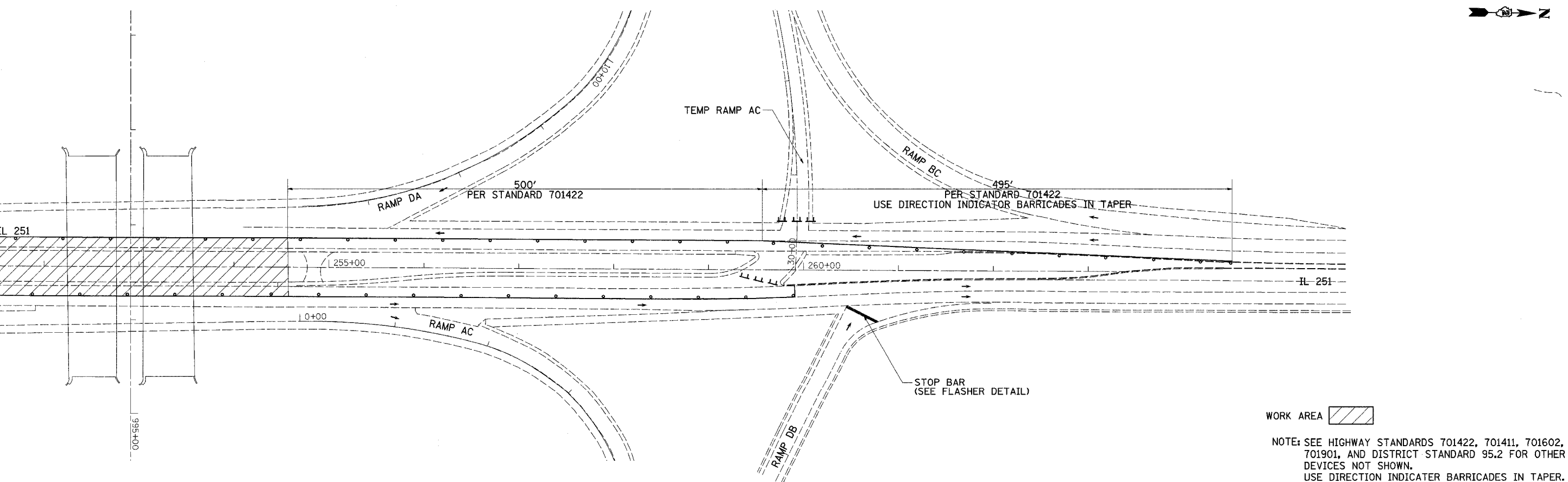
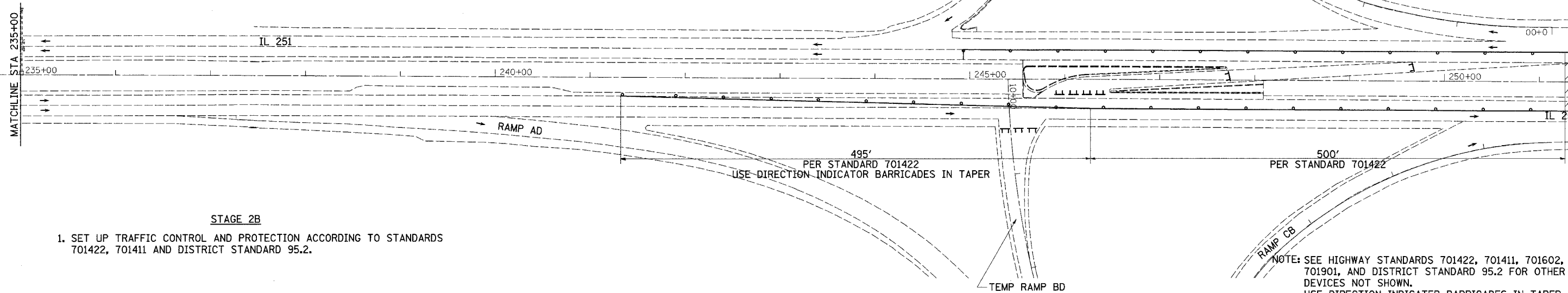


PLOT DATE = Fri, Mar 14 09:16:43 2008  
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 PLOT SCALE = 1/8" = 1'-0"  
 USER NAME = dswadd

NOTE: SEE TRAFFIC CONTROL DETAIL & HIGHWAY STANDARDS 701422, 701411, 701602, 701901, AND DISTRICT STANDARD 95.2 FOR OTHER DEVICES NOT SHOWN.  
 USE DIRECTION INDICATOR BARRICADES IN TAPER.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HR-2	WINNEBAGO	171	56
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# STAGE 2B (IL 251)



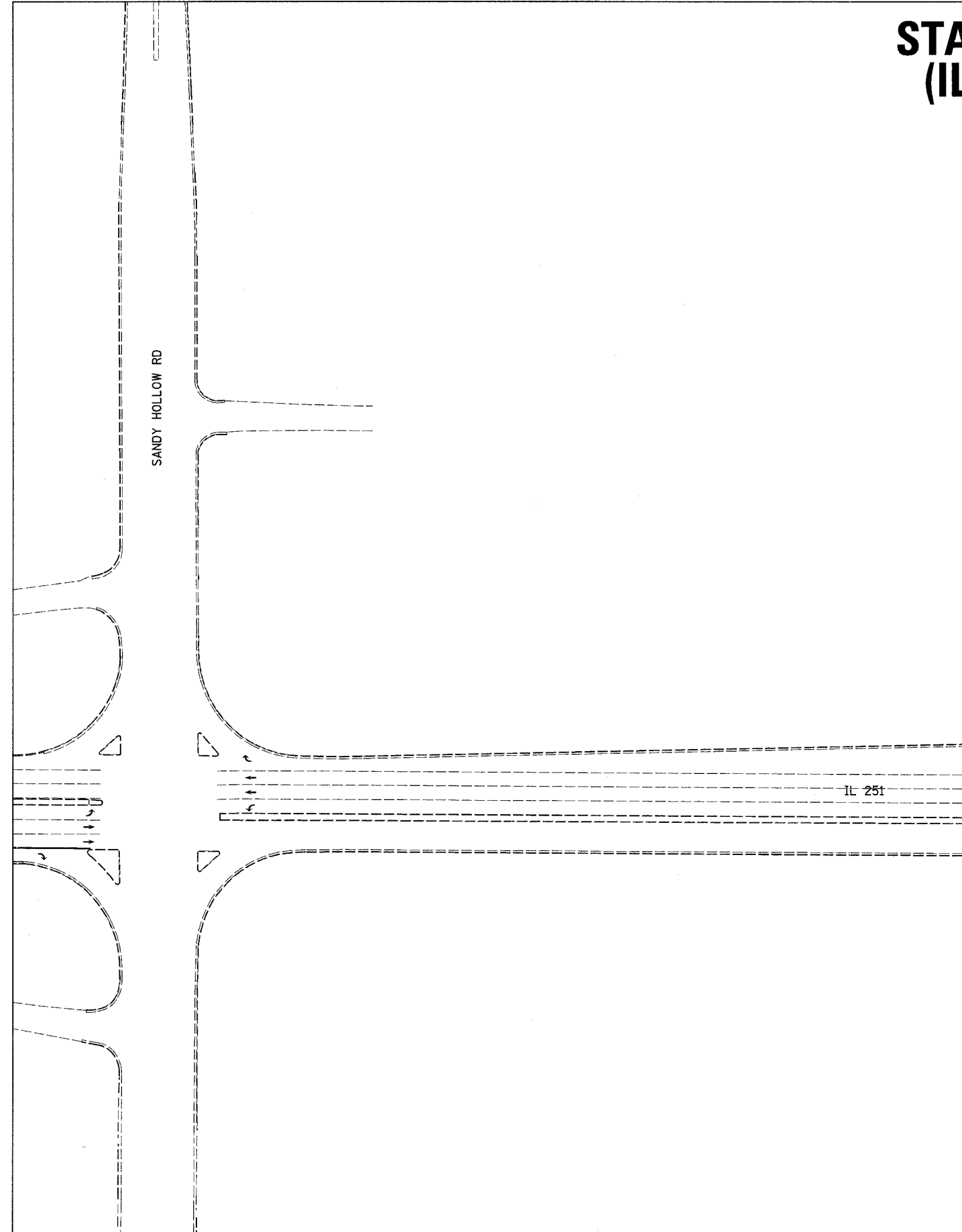
PLOT DATE = Fri, Mar 14 09:16:03 2008  
 FILE NAME = c:\projects\64292\64292\_56.dgn  
 PLOT SCALE = 5/8"=1'-0"  
 USER NAME = dward

## STAGE 2B DETAIL(IL 251)



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HBR-2	WINNEBAGO	171	57
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

# STAGE 2B (IL 251)



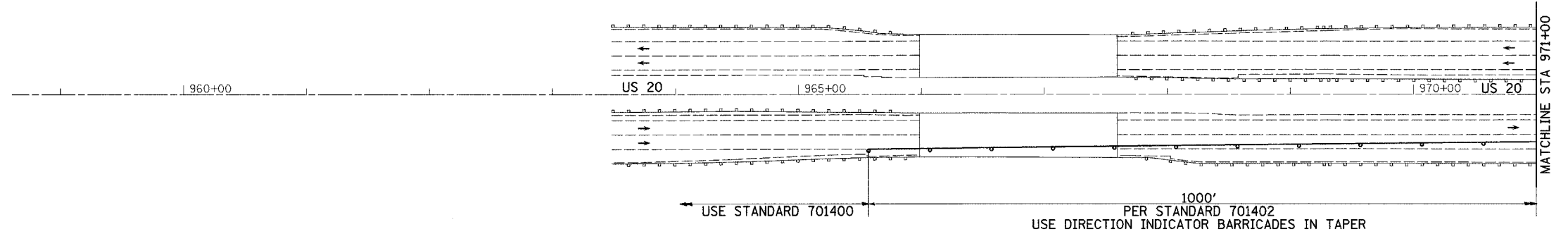
PLOT DATE = Fri, Mar 14 09:46:03 2008  
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 PLOT SCALE = 5/8" = 1' / IN.  
 USER NAME = ctoadd

NOTE: SEE HIGHWAY STANDARDS 701422, 701411, 701602, 701901, AND DISTRICT STANDARD 95.2 FOR OTHER DEVICES NOT SHOWN.  
 USE DIRECTION INDICATER BARRICADES IN TAPER.

## STAGE 2B DETAIL(IL 251)

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HBR-2	WINNEBAGO	171	58
STA. 959+00		TO STA. 986+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

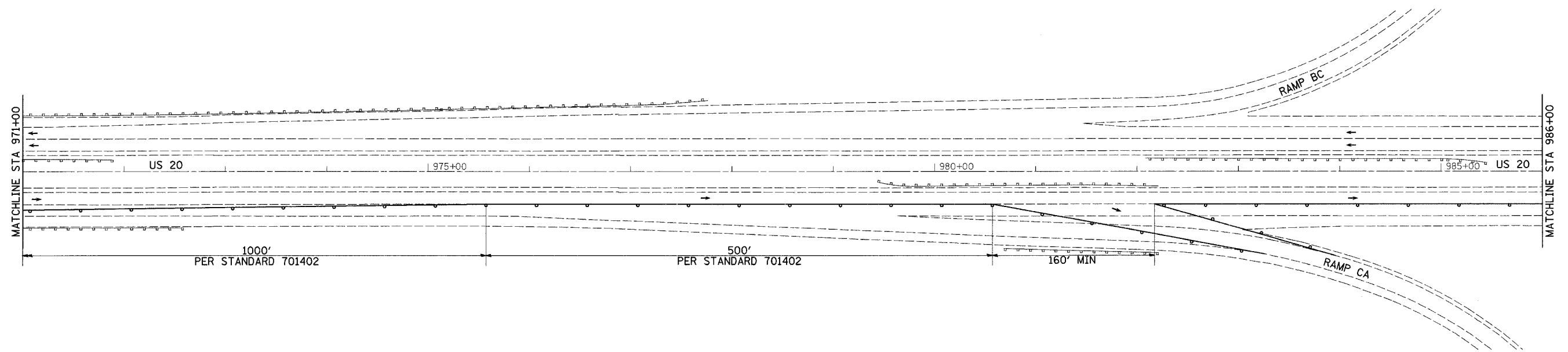
# STAGE 3 (US 20)



### STAGE 3

1. SET UP TRAFFIC CONTROL AND PROTECTION ACCORDING TO STANDARDS 701400, 701402 AND 701411.
2. RAMPS BD AND AC WILL BE CLOSED AND TRAFFIC SHALL UTILIZE THE TEMPORARY RAMPS THAT WERE PREVIOUSLY BUILT.
3. REMOVE AND CONSTRUCT OUTSIDE LANES OF EACH STRUCTURE.

NOTE: SEE HIGHWAY STANDARDS 701400, 701402, 701411, 701901 AND 704001 FOR OTHER DEVICES NOT SHOWN. USE DIRECTION INDICATOR BARRICADES IN TAPER.



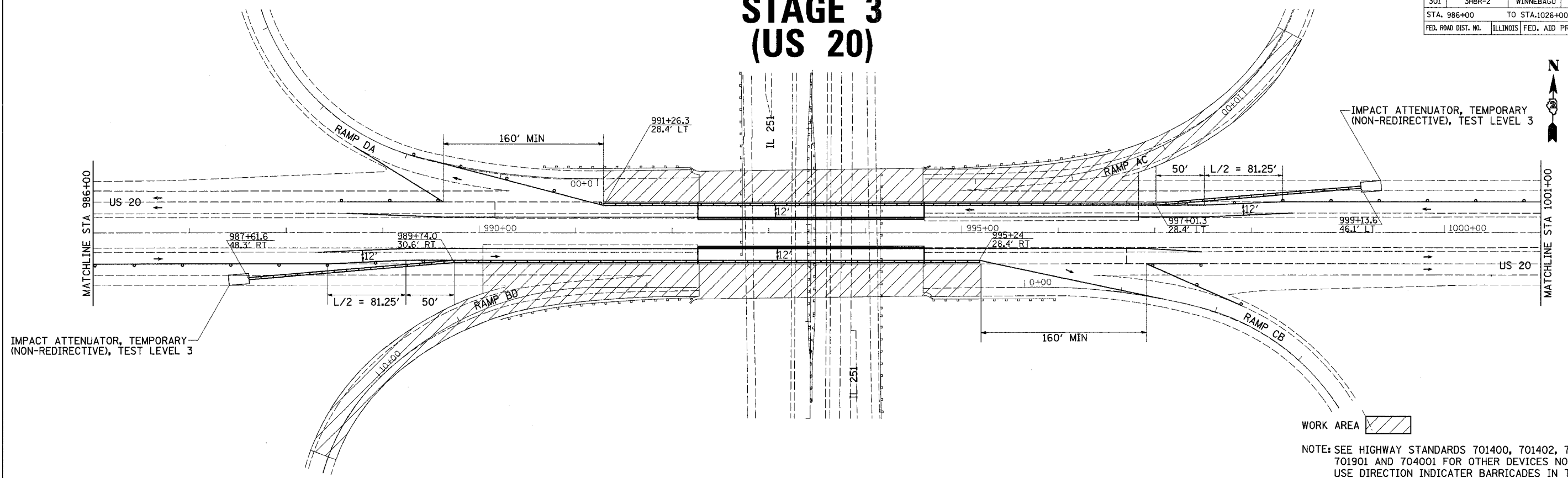
NOTE: SEE HIGHWAY STANDARDS 701400, 701402, 701411, 701901 AND 704001 FOR OTHER DEVICES NOT SHOWN. USE DIRECTION INDICATOR BARRICADES IN TAPER.

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 USER NAME = dwardd

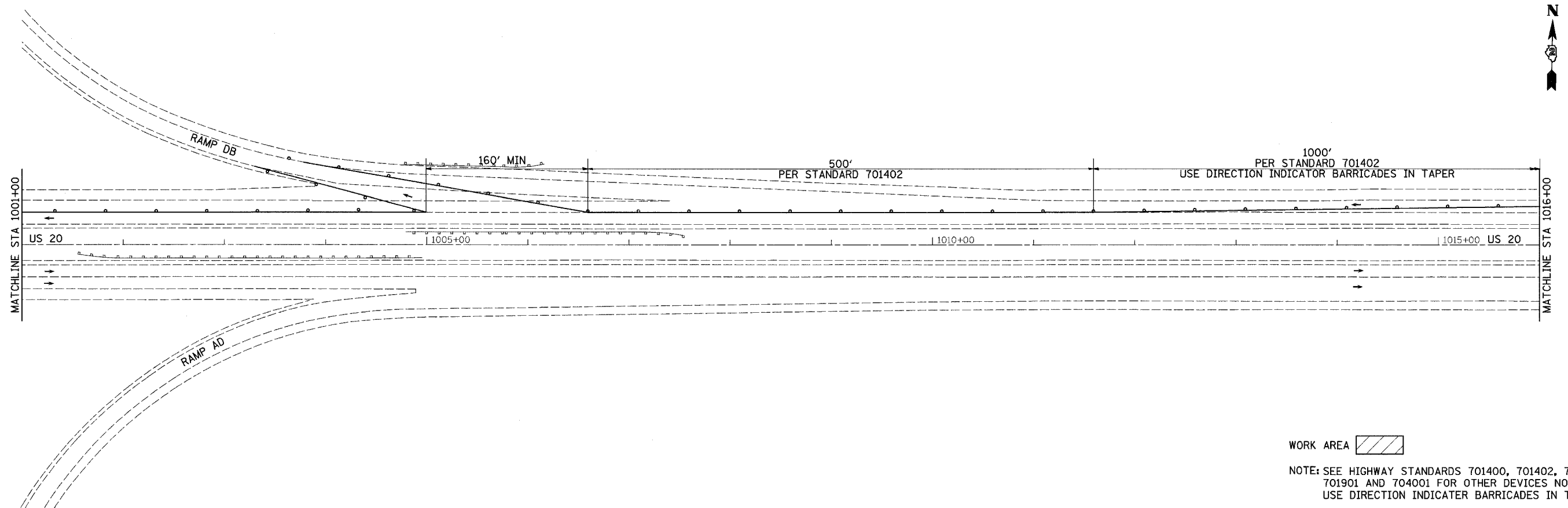
### STAGE 3 DETAIL(US 20)

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HR-2	WINNEBAGO	171	59
STA. 986+00		TO STA.1026+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

# STAGE 3 (US 20)



NOTE: SEE HIGHWAY STANDARDS 701400, 701402, 701411, 701901 AND 704001 FOR OTHER DEVICES NOT SHOWN. USE DIRECTION INDICATOR BARRICADES IN TAPER.



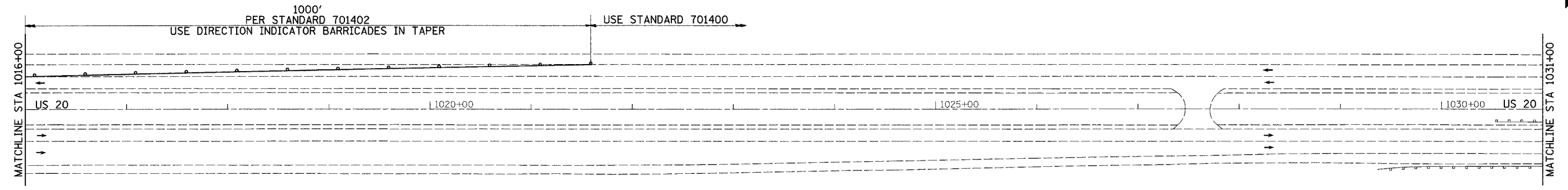
NOTE: SEE HIGHWAY STANDARDS 701400, 701402, 701411, 701901 AND 704001 FOR OTHER DEVICES NOT SHOWN. USE DIRECTION INDICATOR BARRICADES IN TAPER.

PLOT DATE = Fri, Mar 14, 09:46:03, 2008  
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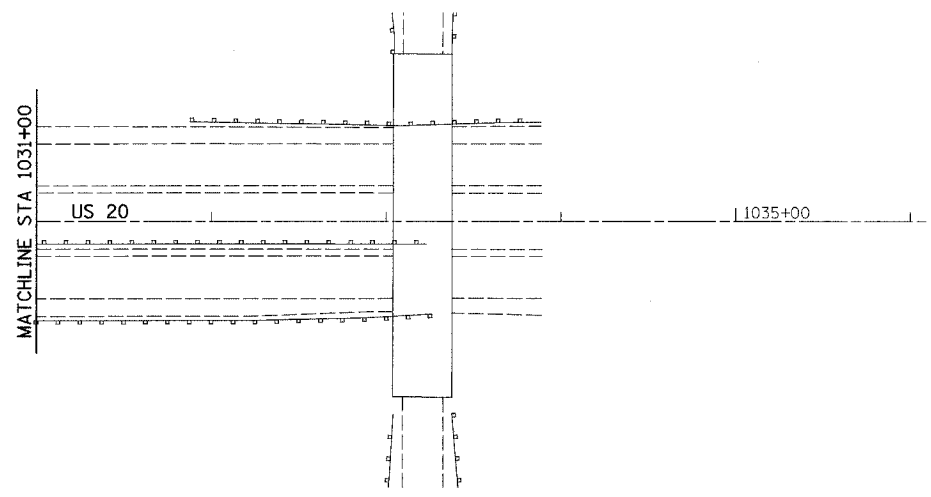
## STAGE 3 DETAIL(US 20)

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HBR-2	WINNEBAGO	171	60
STA. 1026+00		TO STA. 1035+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

# STAGE 3 (US 20)



NOTE: SEE HIGHWAY STANDARDS 701400, 701402, 701411, 701901 AND 704001 FOR OTHER DEVICES NOT SHOWN. USE DIRECTION INDICATER BARRICADES IN TAPER.



NOTE: SEE HIGHWAY STANDARDS 701400, 701402, 701411, 701901 AND 704001 FOR OTHER DEVICES NOT SHOWN. USE DIRECTION INDICATER BARRICADES IN TAPER.

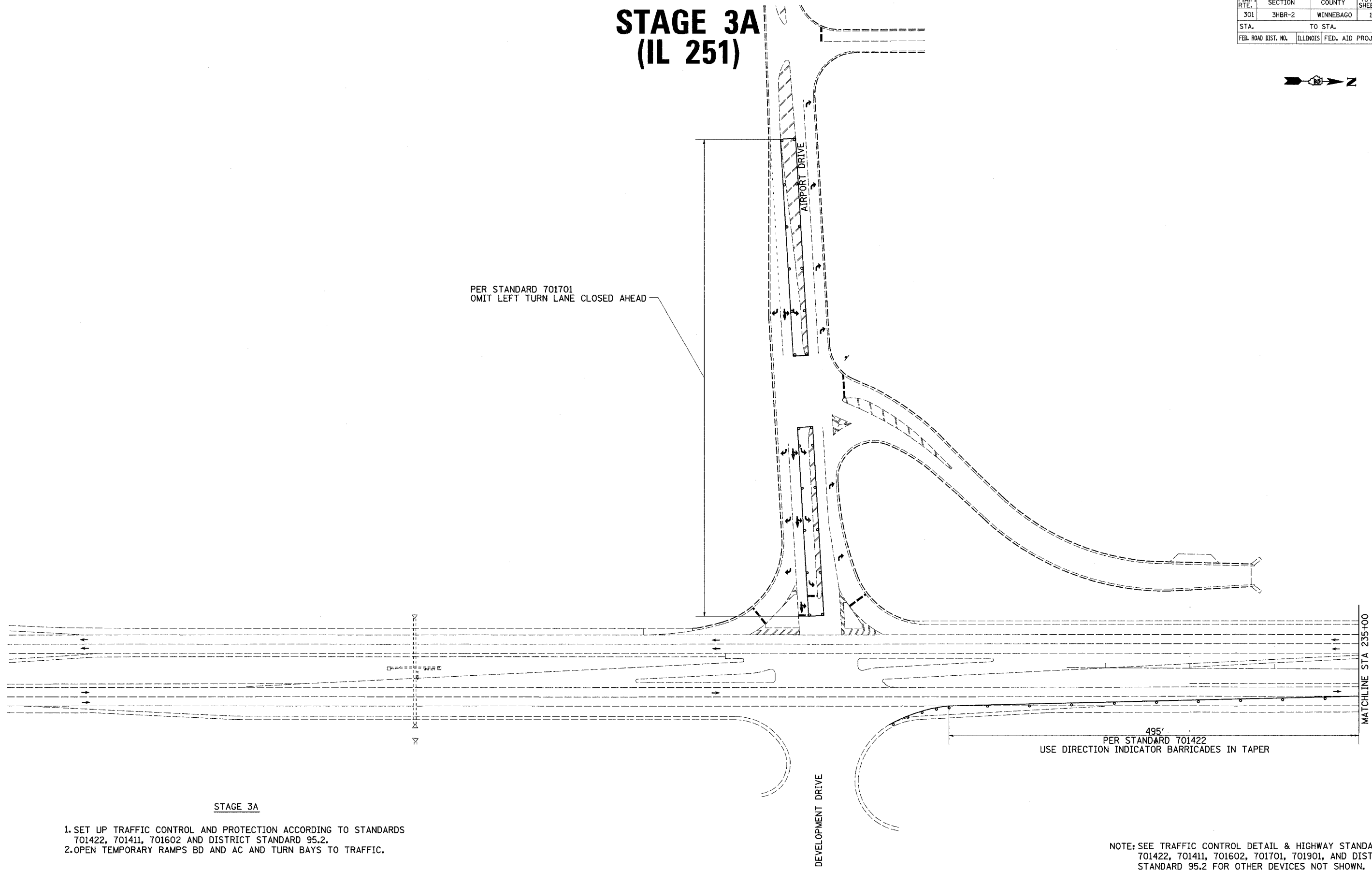
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 PLOT SCALE = 1/8" = 1'-0"  
 USER NAME = dswadd

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HBR-2	WINNEBAGO	171	61
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# STAGE 3A (IL 251)



PER STANDARD 701701  
OMIT LEFT TURN LANE CLOSED AHEAD



STAGE 3A

1. SET UP TRAFFIC CONTROL AND PROTECTION ACCORDING TO STANDARDS 701422, 701411, 701602 AND DISTRICT STANDARD 95.2.
2. OPEN TEMPORARY RAMPs BD AND AC AND TURN BAYS TO TRAFFIC.

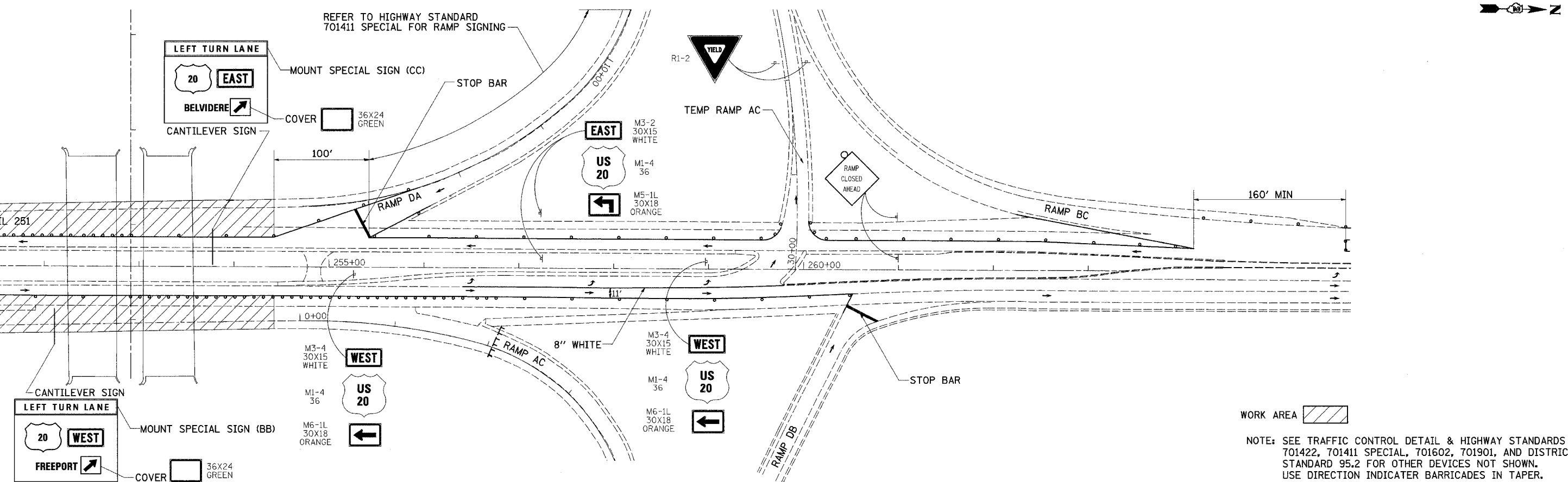
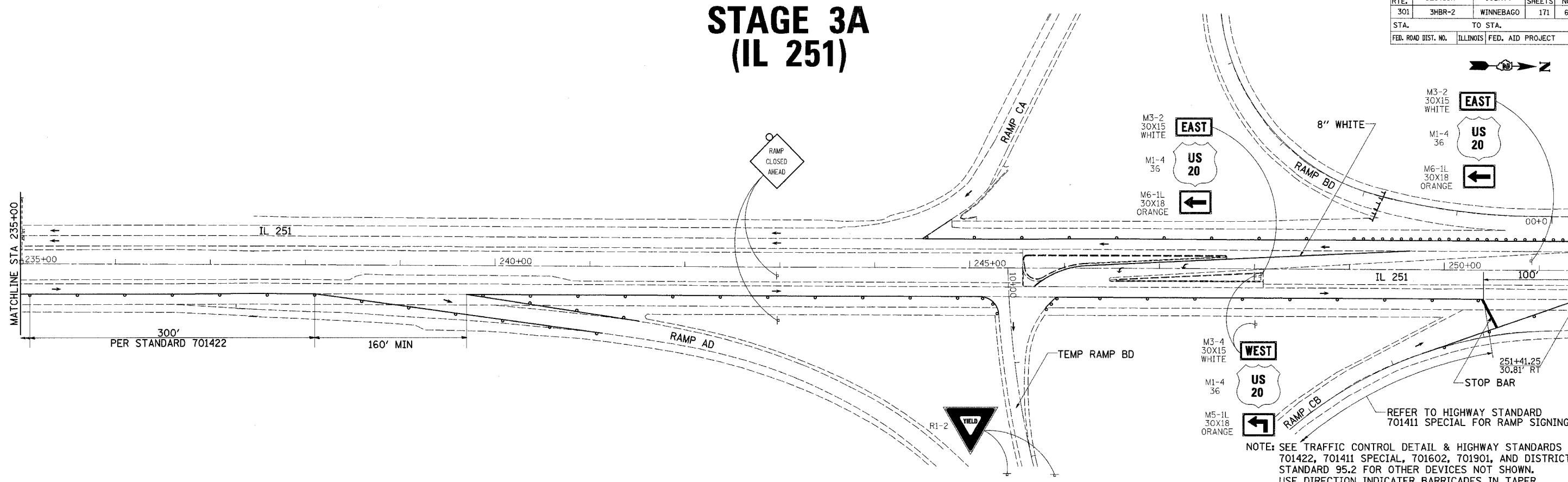
NOTE: SEE TRAFFIC CONTROL DETAIL & HIGHWAY STANDARDS 701422, 701411, 701602, 701701, 701901, AND DISTRICT STANDARD 95.2 FOR OTHER DEVICES NOT SHOWN.  
USE DIRECTION INDICATOR BARRICADES IN TAPER.

## STAGE 3A DETAIL(IL 251)

PLOT DATE = Fri, Mar 14, 09:46:03 2008  
 FILE NAME = c:\projects\2008\20080314\08032008.dgn  
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 USER NAME = dmsd

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HBR-2	WINNEBAGO	171	62
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# STAGE 3A (IL 251)

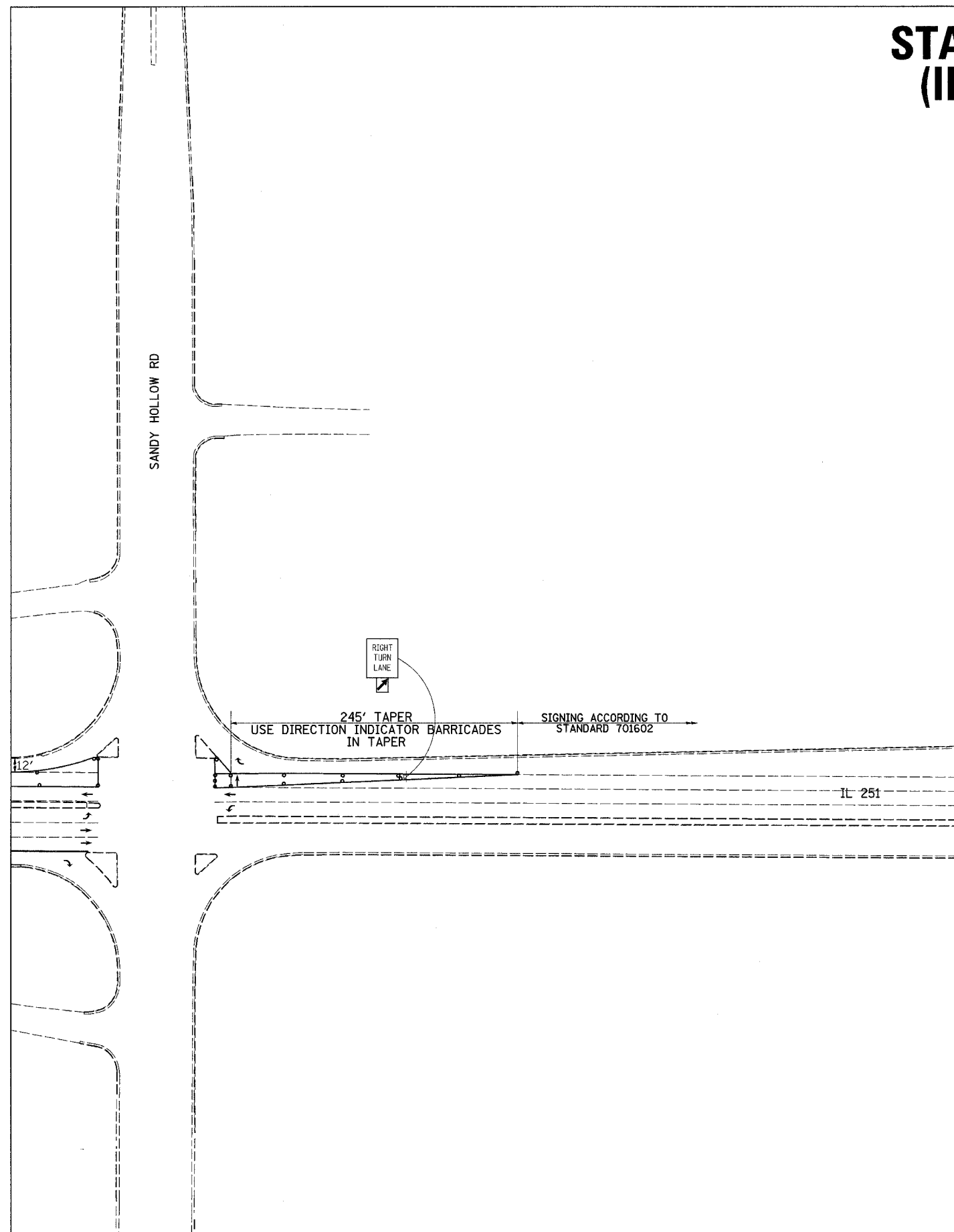


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 PLOT SCALE = 1/8" = 1'-0"  
 USER NAME = dward

## STAGE 3A DETAIL(IL 251)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HBR-2	WINNEBAGO	171	63
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

# STAGE 3A (IL 251)



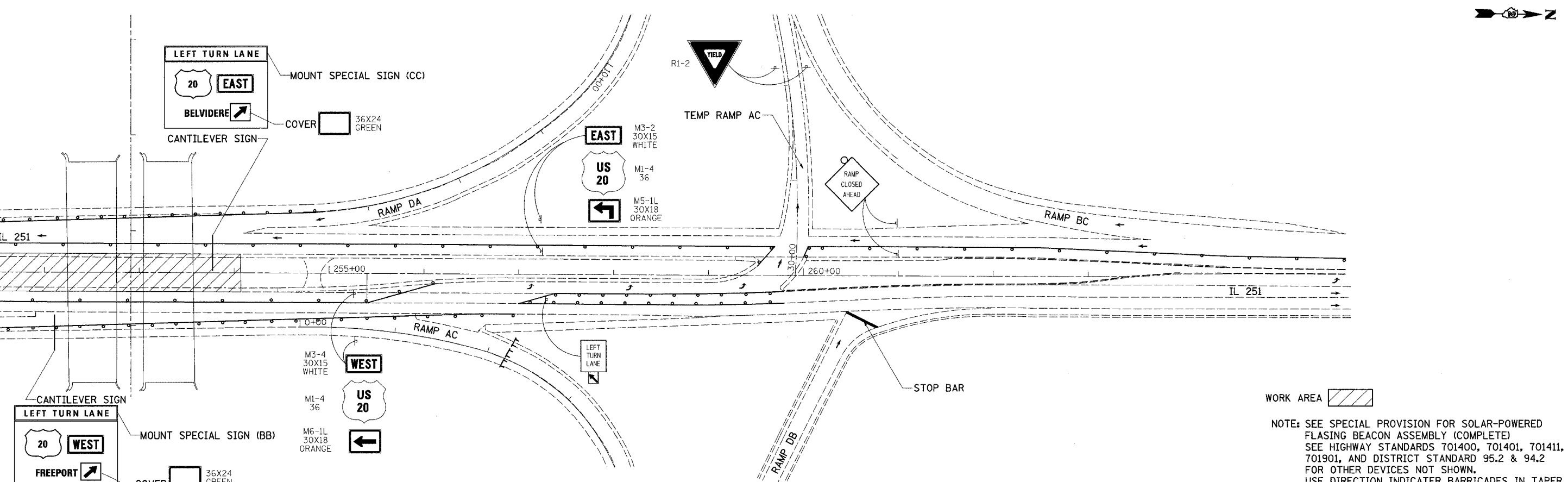
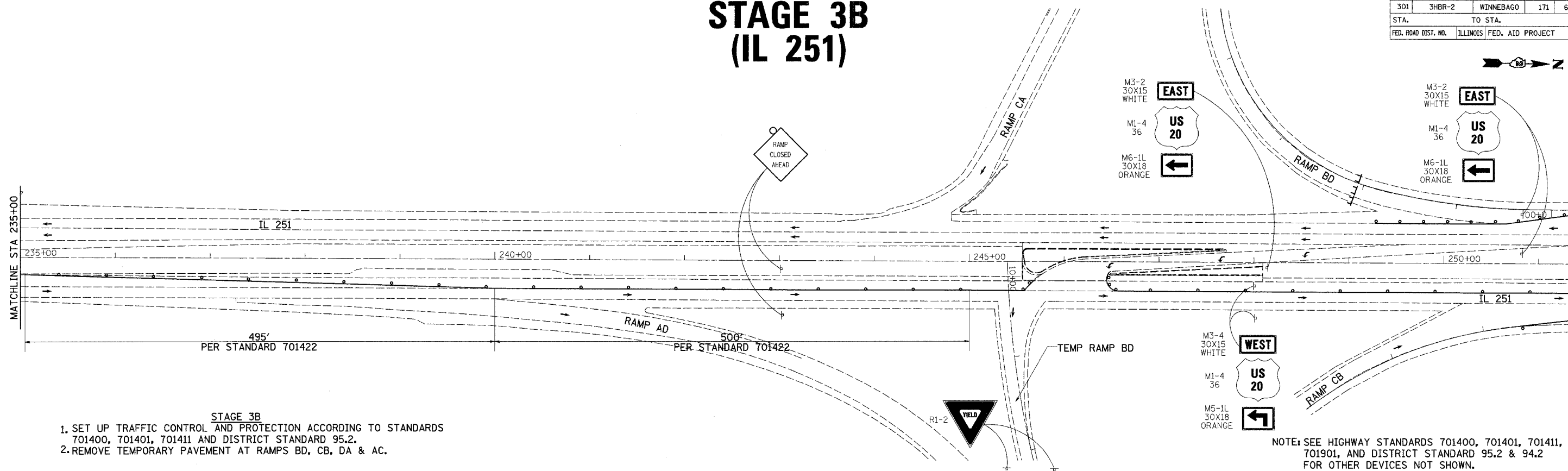
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PLOT SCALE = 1/8" = 1'-0"  
USER NAME = dwardd

NOTE: SEE TRAFFIC CONTROL DETAIL & HIGHWAY STANDARDS 701422, 701411, 701602, 701901, AND DISTRICT STANDARD 95.2 FOR OTHER DEVICES NOT SHOWN.  
USE DIRECTION INDICATOR BARRICADES IN TAPER.

### STAGE 3A DETAIL(IL 251)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HBR-2	WINNEBAGO	171	64
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# STAGE 3B (IL 251)



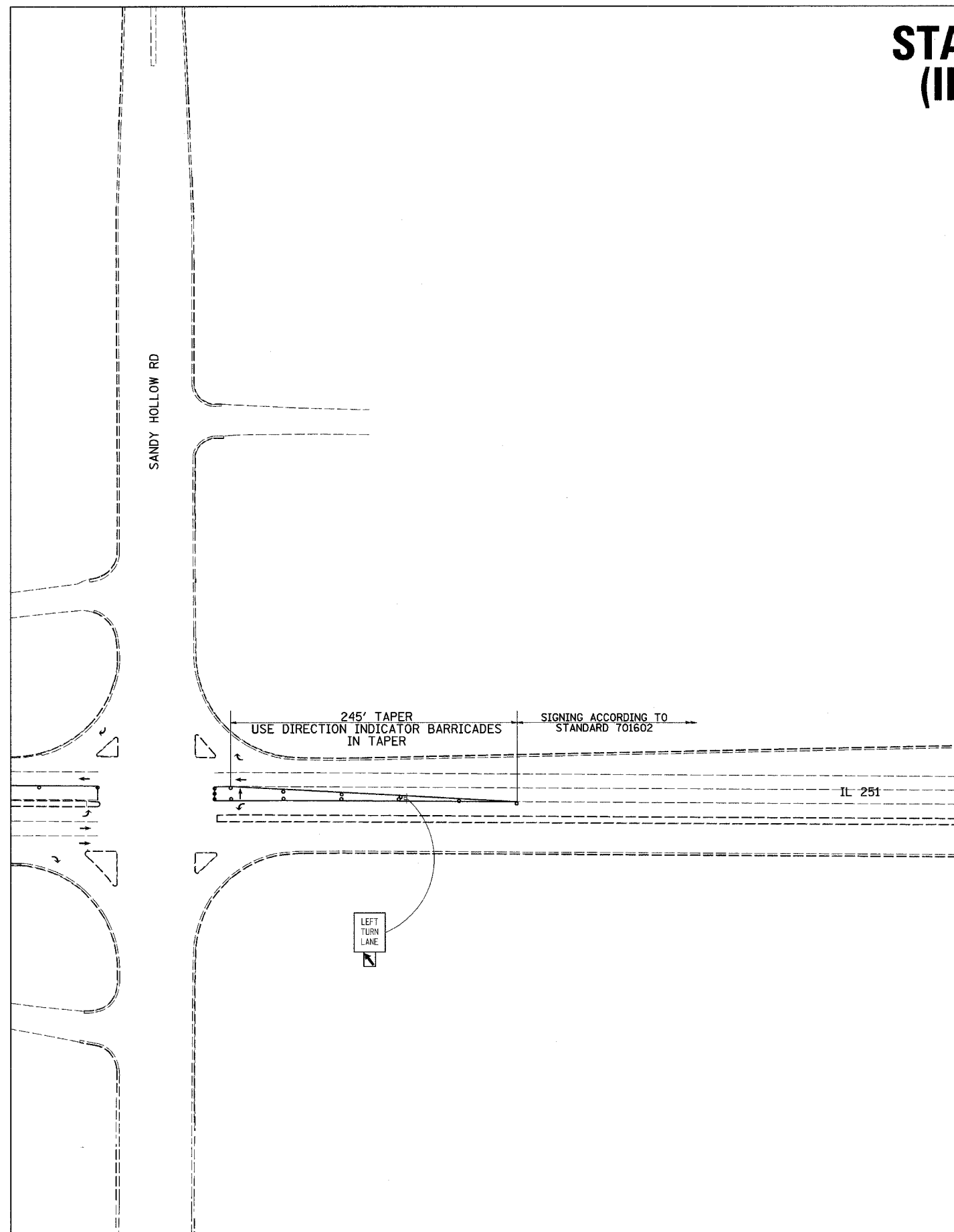
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 USER NAME = dmsedd

**STAGE 3B DETAIL(IL 251)**



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HBR-2	WINNEBAGO	171	65
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

# STAGE 3B (IL 251)



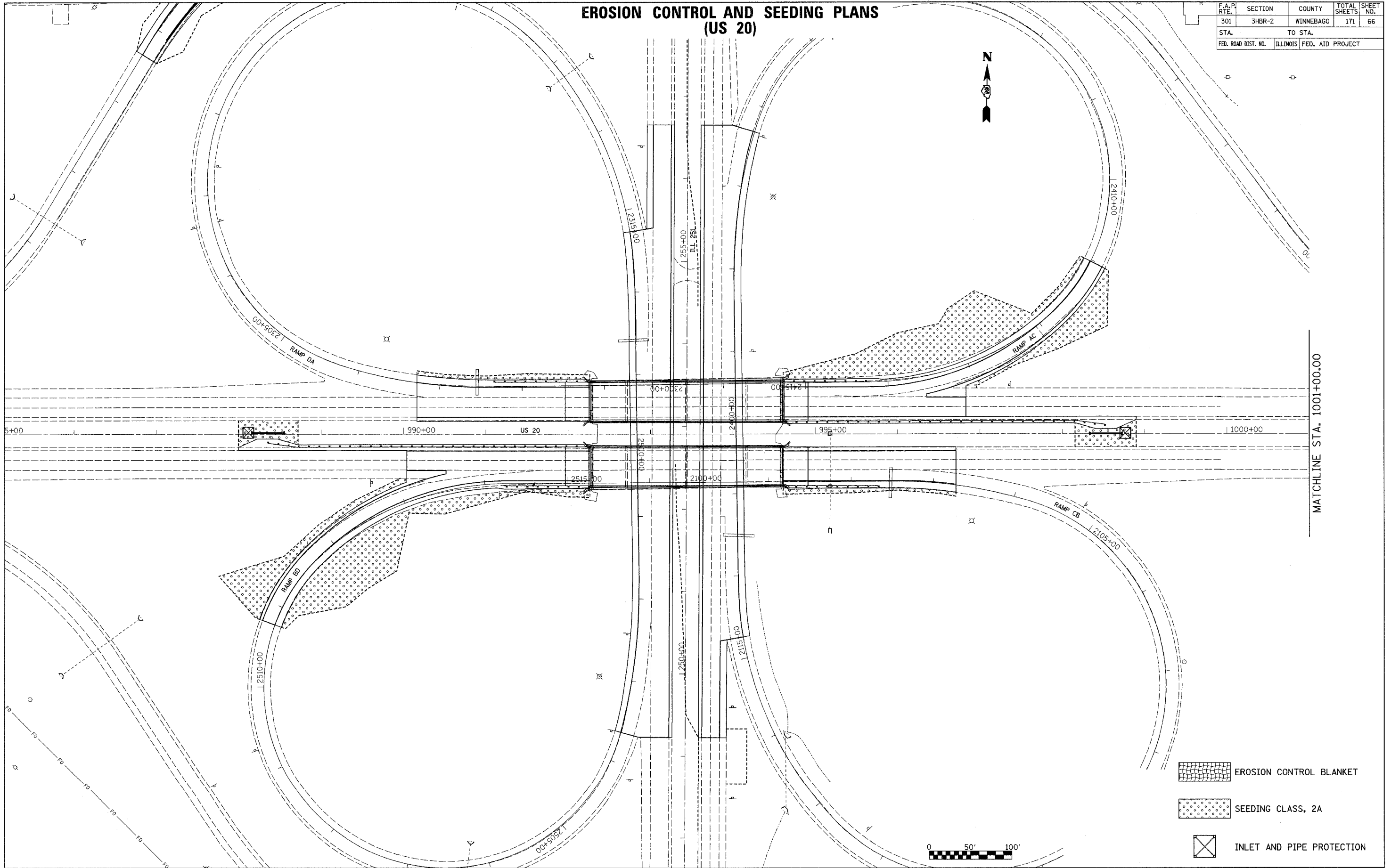
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USER NAME = doredd

NOTE: SEE HIGHWAY STANDARDS 701422, 701411, 701602, 701901, AND DISTRICT STANDARD 95.2 FOR OTHER DEVICES NOT SHOWN. USE DIRECTION INDICATOR BARRICADES IN TAPER.




# EROSION CONTROL AND SEEDING PLANS (US 20)

CONTRACT NO. 64292

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HBR-2	WINNEBAGO	171	66
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



MATCHLINE STA. 1001+00.00

-  EROSION CONTROL BLANKET
-  SEEDING CLASS, 2A
-  INLET AND PIPE PROTECTION

PLOT DATE = Fri, Mar 14, 2008 10:28:39 AM  
 FILE NAME = c:\projects\2008\20080314\20080314.dwg  
 PLOT SCALE = 1/8" = 1' / IN.  
 USER NAME = dmsd

## EROSION CONTROL AND SEEDING PLANS

# EROSION CONTROL AND SEEDING PLANS (IL RTE 251)

CONTRACT NO. 64292

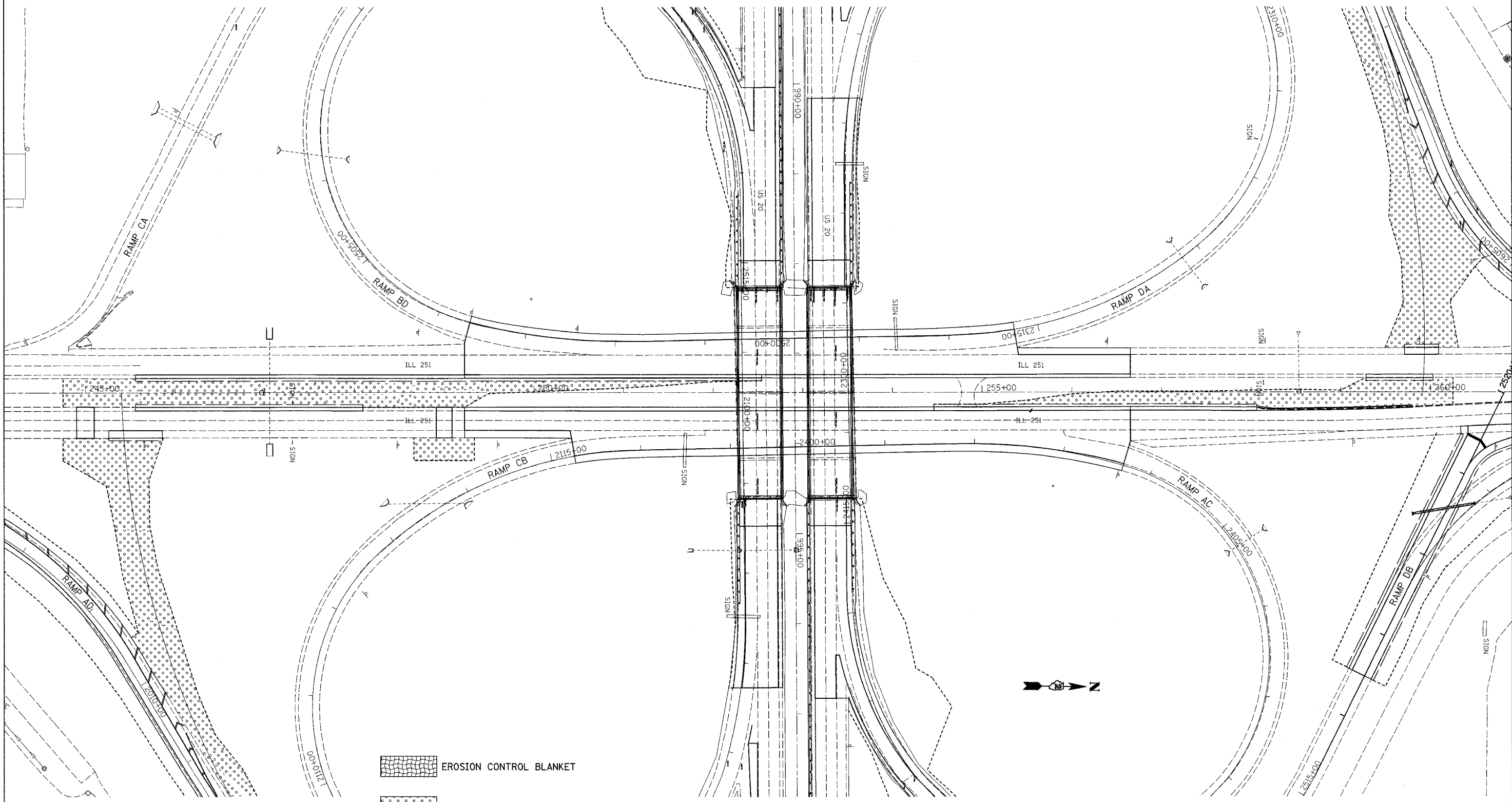
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HBR-2	WINNEBAGO	171	67
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



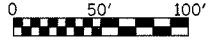
PLAN	SURVEYED	DATE
	PLOTTED	
	NOTED	
	BY	
	DATE	

PROFILE	SURVEYED	DATE
	PLOTTED	
	NOTED	
	BY	
	DATE	

PLOT DATE = Fri, Mar 14 09:54:16 2008  
 FILE NAME = c:\pvc\proj\as2\203298\ub63298.rvt.dgn  
 PLOT SCALE = 49.1999 1/16"  
 USER NAME = gossard



- EROSION CONTROL BLANKET
- SEEDING CLASS, 2A
- INLET AND PIPE PROTECTION



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HBR-2	WINNEBAGO	171	68
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

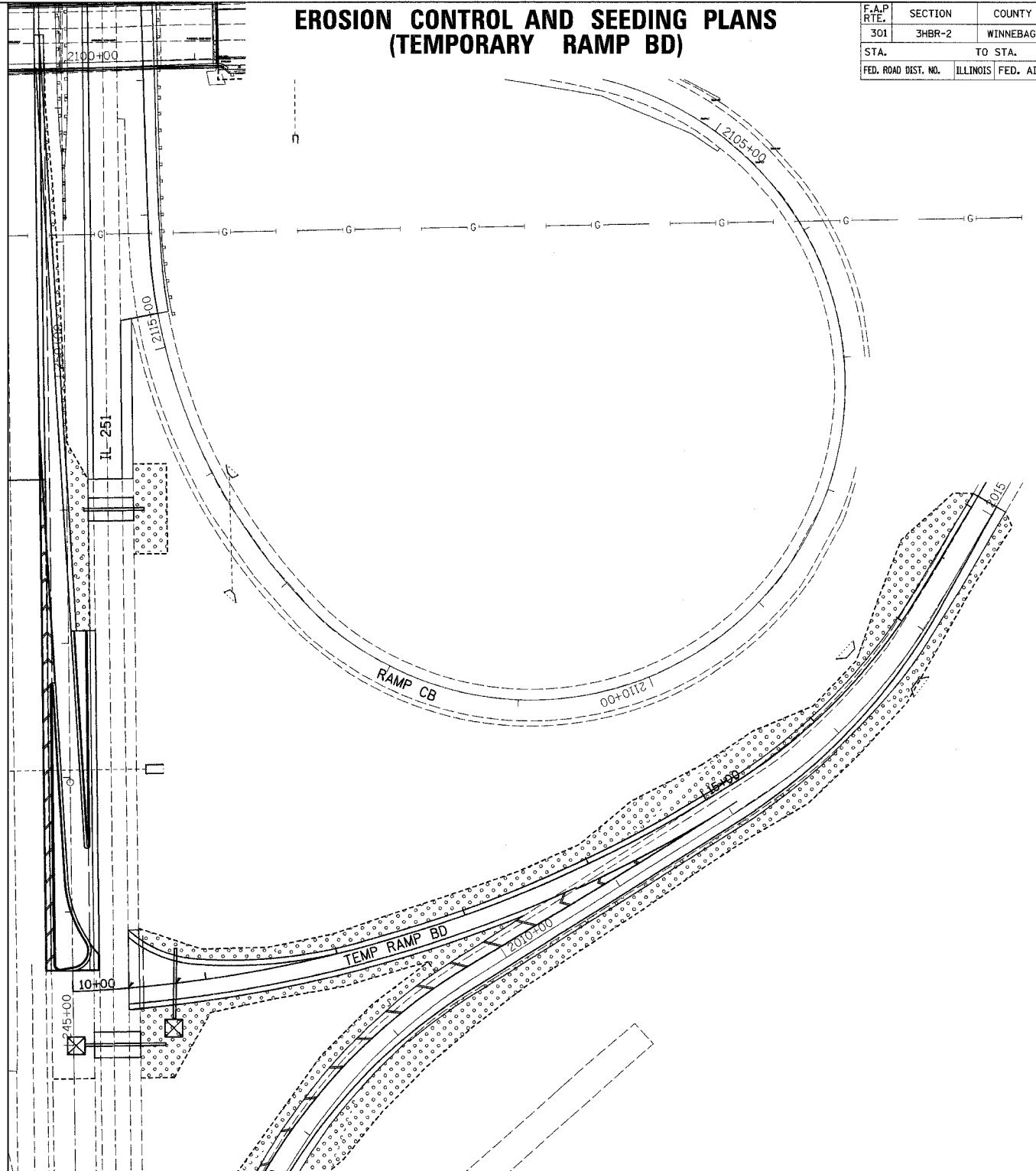
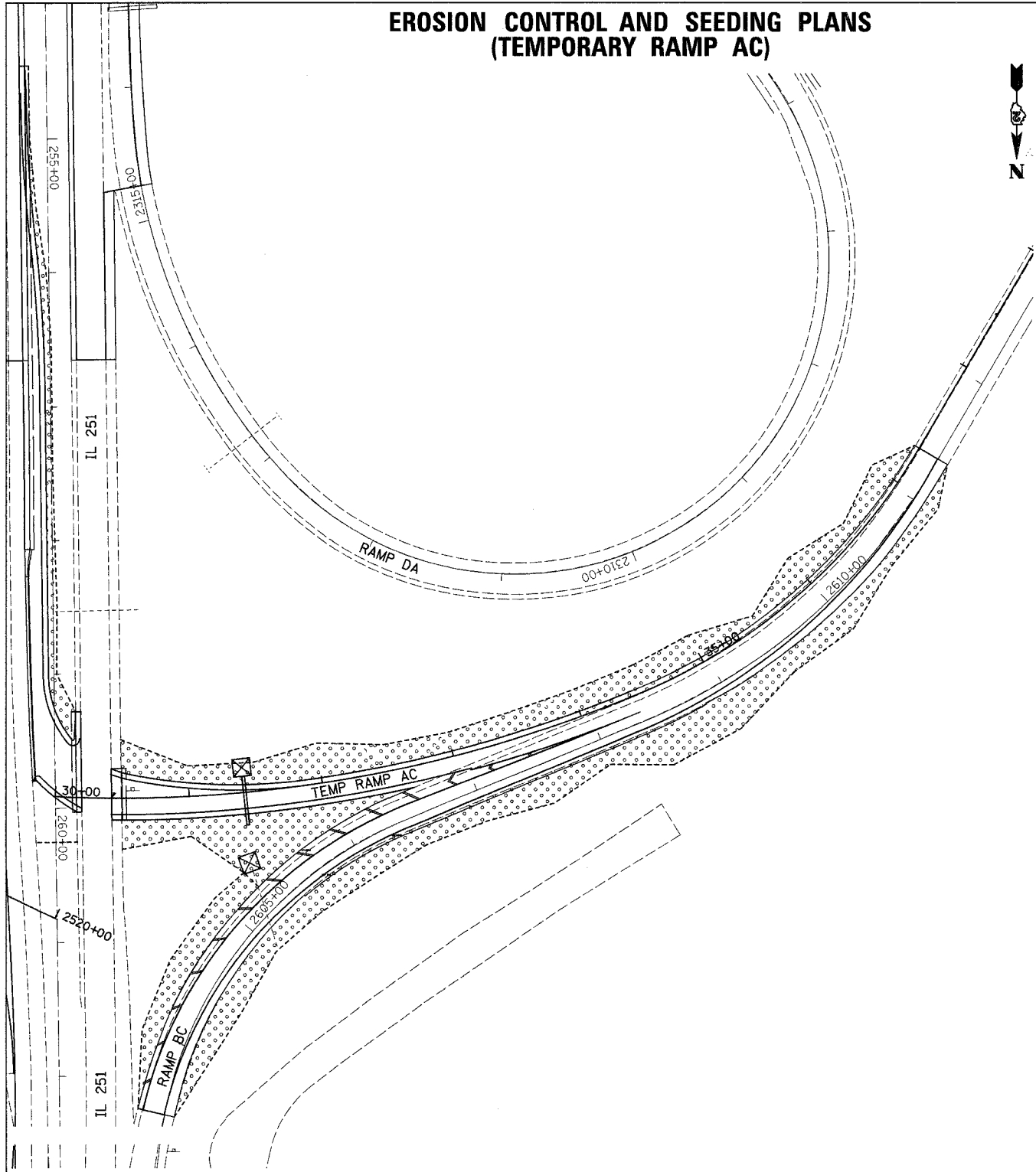
### EROSION CONTROL AND SEEDING PLANS (TEMPORARY RAMP AC)

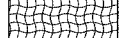


### EROSION CONTROL AND SEEDING PLANS (TEMPORARY RAMP BD)

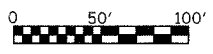
PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLotted	
	BY	
	DATE	
	REVISIONS	
	BY	
	DATE	


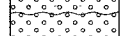

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	PLotted	
	BY	
	DATE	
	REVISIONS	
	BY	
	DATE	

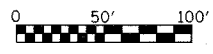
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 USER NAME = dswedd



-  EROSION CONTROL BLANKET
-  SEEDING CLASS, 2A
-  INLET AND PIPE PROTECTION



-  EROSION CONTROL BLANKET
-  SEEDING CLASS, 2A
-  INLET AND PIPE PROTECTION



# EROSION CONTROL AND SEEDING PLANS (RAMP DB)

CONTRACT NO. 64292

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	3HBR-2	WINNEBAGO	171	69

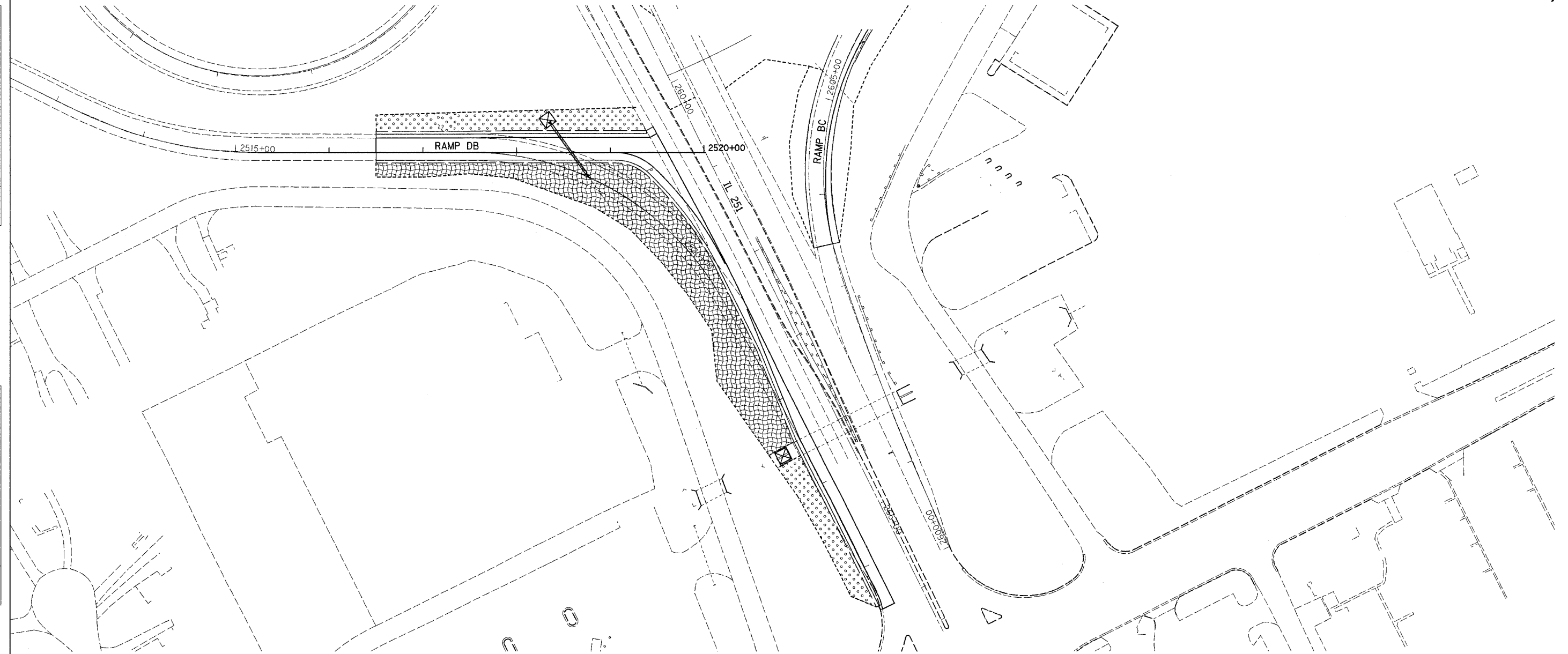
  

STA.	TO STA.
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

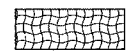


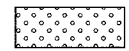
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SURVEYED	
PLOTTED	
REVISIONS	
NOTE BOOK NO.	
CADD FILE NAME	


PROFILE	DATE
SURVEYED	
PLOTTED	
REVISIONS	
NOTE BOOK NO.	
STRUCTURE NOTATION CHD	

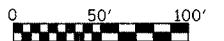


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 PLOT SCALE = 50.00000 / 1.00  
 USER NAME = dbasdd

 EROSION CONTROL BLANKET

 SEEDING CLASS, 2A

 INLET AND PIPE PROTECTION



STATE OF ILLINOIS  
DEPARTMENT OF PUBLIC WORKS AND BUILDINGS  
DIVISION OF HIGHWAYS  
PLANS FOR PROPOSED  
FEDERAL AID HIGHWAY  
(ROUTE 51 BRIDGE)

WINNEBAGO COUNTY  
(ROCKFORD BYPASS)

F.A. ROUTE 194 SECTION 3HB2  
F.A. ROUTE 194 SECTION 3HF2

PROJECT U-284 (9)

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
F.A. 194	3HB-2	WINNEBAGO	28	1
FED. ROAD DIST. NO. (ILLINOIS) PROJ. U-284 (9)				

INDEX OF SHEETS

1. TITLE SHEET
2. GENERAL NOTES-BIDDING LOUS-SUMMARY OF QUANTITIES
3. PLAN & PROFILE
4. GENERAL PLAN
5. PIER 1 & 2 W.B. RMT  
PIER 2 & 3 E.B. RMT
6. PIER 3 W.B. RMT  
PIER 1 E.B. RMT
7. ABUTMENT PART 1
8. ABUTMENT PART 2
9. ABUTMENT PART 3
10. DECK PLAN PART 1
11. DECK PLAN PART 2
12. DECK PLAN PART 3
13. STEEL FRAMING PLAN
14. STEEL DETAILS PART 1
15. STEEL DETAILS PART 2
16. MATERIAL DETAILS
17. REINFORCING SCHEDULE W.B. RMT
18. REINFORCING SCHEDULE E.B. RMT
19. CROSS SECTIONS
20. FILE STANDARD
21. STD. 1971-2 ("ROAD UNDER CONST." SIGN)
21. STD. 1972-1 (BARRICADE)
21. STD. 2111 (ROADWAY TRAFFIC CONTROL SIGN)
21. STD. 2136 (BURNING-PROHIBITION SIGN)
22. STD. 2113 (NAME PLATES)
22. STD. 1977-1 (SIGNS FOR PAVEMENT REPAIRS)

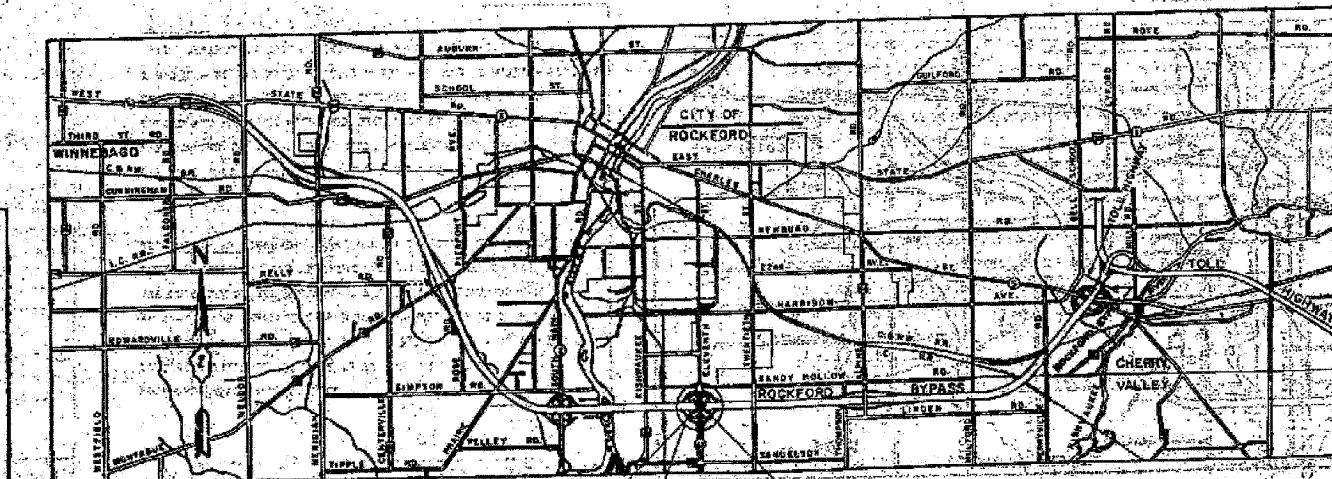


LOCATION OF SECTION INDICATED THUS: [Symbol]

SECTION 3HB-2 CONSISTS OF THE CONSTRUCTION OF TWO (2) WY BEAM GRADE SEPARATION BRIDGES (ROCKFORD BYPASS OVER ROUTE 51) SPANS: 1 @ 43' - 10", 1 @ 73' - 3", 1 @ 73' - 3" AND 1 @ 43' - 10", AT STATION 554 PLUS 55.15 AT THE INTERSECTION OF THE ROCKFORD BYPASS AND ROUTE 51 WITH THE EXCEPTION OF FURNISHING AND FABRICATING THE STRUCTURAL STEEL, FURNISHING AND APPLYING ONE (1) SHOP COAT OF PAINT AND THE DELIVERY OF THE STRUCTURAL STEEL TO THE SITE.

SECTION 3HF-2 INCLUDES FURNISHING AND FABRICATING STRUCTURAL STEEL, FURNISHING AND APPLYING ONE (1) SHOP COAT OF PAINT AND THE DELIVERY OF THE STRUCTURAL STEEL TO THE SITE FOR TWO (2) WY BEAM GRADE SEPARATION BRIDGES (ROCKFORD BYPASS OVER ROUTE 51) SPANS: 1 @ 43' - 10", 1 @ 73' - 3", 1 @ 73' - 3" AND 43' - 10", AT STATION 554 PLUS 55.15 AT THE INTERSECTION OF THE ROCKFORD BYPASS AND ROUTE 51.

ROAD CLASSIFICATION  
F.A. ROUTE 194 570 - 5-70  
ROUTE 51 2510 - 1-70



PROJECT BEGINS STA. 553 + 38.57 PROJECT ENDS STA. 555 + 71.73

MACCABEE, CAMPBELL & ASSOCIATES

CONSULTING ENGINEERS  
173 W. MADISON ST. CHICAGO, ILL.

PROJECT LENGTH = 233.16 FT. = 0.044 MI.

FOR STRUCTURES EXAMINED Feb 17 1960  
C. M. [Signature]  
ENGINEER OF BRIDGE & TRAFFIC STRUCTURES

DEPARTMENT OF COMMERCE  
BUREAU OF PUBLIC ROADS  
PROJECT BEGINS STA. 553 + 38.57 PROJECT ENDS STA. 555 + 71.73  
APPROVED [Signature]  
DIVISION ENGINEER DATE

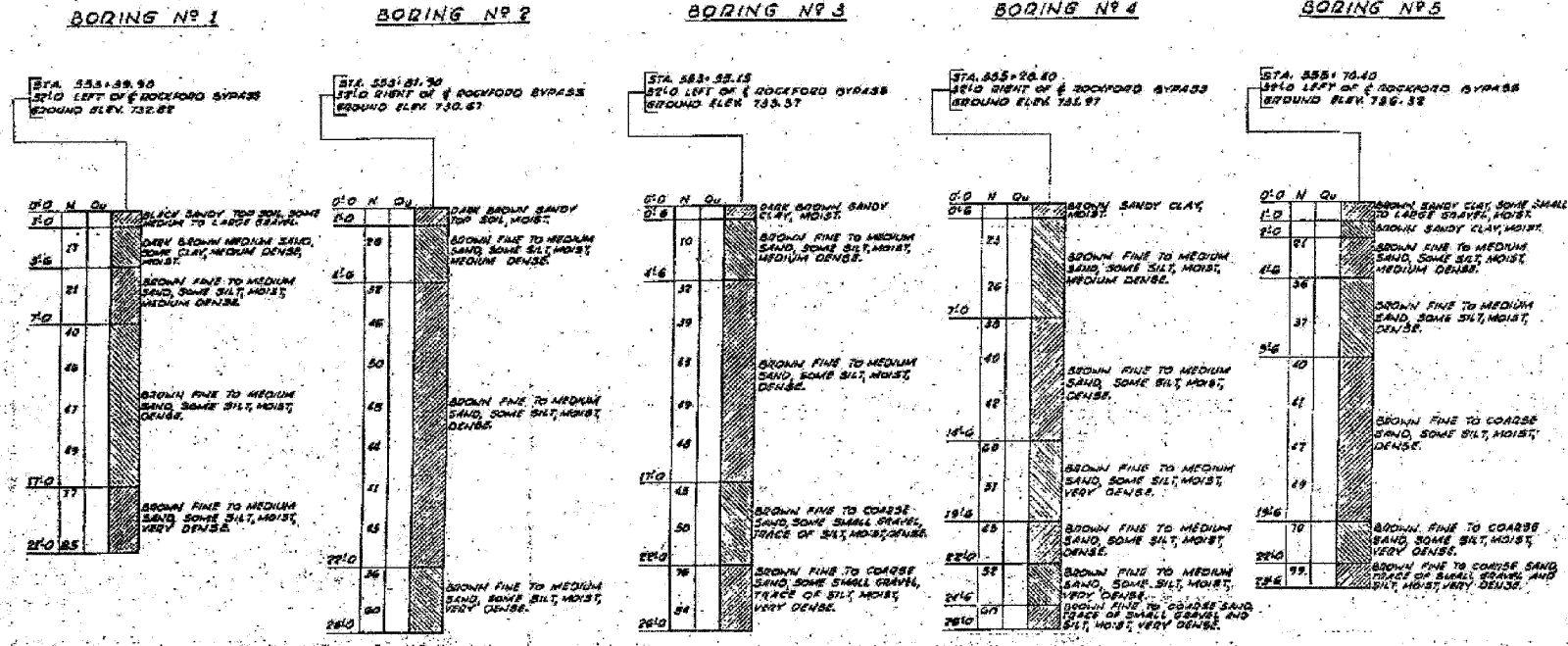
101-0065 # 0066 (WB)

April 2-45  
554+55.15

SHEET NO. 1	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
19 SHEETS	301	3HBR-2	WINNEBAGO	171	70
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT		
CONTRACT NO. 64292					

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SEC.	COUNTY	POST MILES	NO.
194	3	WINNEBAGO	27	2
TOTAL				
PERSONS INTERESTED				

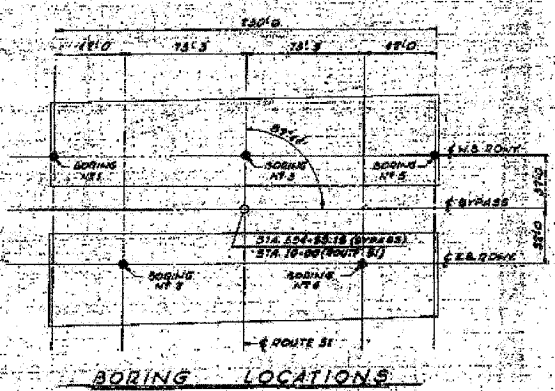


**GENERAL NOTES**

CLASS 'X' CONCRETE SHALL BE USED THROUGHOUT.  
ALL EXPOSED EDGES SHALL HAVE A 1/4" CHAMFER.  
THE CONCRETE FLOOR SLAB SHALL BE FINISHED IN ACCORDANCE WITH ART. 64.19 OF THE STANDARD SPECIFICATIONS.  
DUNTS - 3/4" OPEN HOLES - 1/2" UNLESS NOTED.  
HIGH STRENGTH STEEL BOLTS MAY BE SUBSTITUTED FOR FIELD RIVETS IN ACCORDANCE WITH ART. 64.9(C) OF THE STANDARD SPECIFICATIONS.

ALL ROCKERS, BEARING PLATES, LEAD PLATES, DUNTLES AND ANCHOR BOLTS SHALL BE FABRICATED AND SET IN ACCORDANCE WITH ART. 64.15 OF THE STANDARD SPECIFICATIONS AND ARE INCLUDED IN QUANTITY OF STRUCTURAL STEEL.  
ANCHOR BOLTS SHALL BE SET BEFORE DRIVING DIAPHRAGMS OVER SUPPORTS.  
ALL STEEL HANDRAIL POSTS SHALL BE VERTICAL.  
EXPANSION GUARDS SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH ART. 64.16(A) OF THE STANDARD SPECIFICATIONS AND ARE INCLUDED IN QUANTITY OF STRUCTURAL STEEL.  
THE OUTSIDE FACE OF THE VERTICAL LEGS OF THE EXPANSION GUARDS SHALL BE GIVEN TWO SHARP COATS OF RED LEAD PAINT. FREEST AS OTHERWISE NOTED, ALL STRUCTURAL STEEL SHALL RECEIVE ONE SHARP COAT OF RED LEAD PAINT AND TWO FIELD COATS OF ALUMINUM PAINT, SIX ART. 66.1 TO 66.8 IN C OF THE STANDARD SPECIFICATIONS.  
ALL PAINT SHALL BE APPLIED AND ADDED BY THE CONTRACTOR. REINFORCEMENT BARS SHALL BE PLACED EXACTLY AS SHOWN ON THE PLANS AND IN ACCORDANCE WITH ART. 64.5 OF THE STANDARD SPECIFICATIONS.  
THE CONTRACTOR SHALL DRIVE ONE CONCRETE TEST PILE AT THE NORTH ABUTMENT IN A PERMANENT LOCATION AND ONE CROSSHATCHED TEST PILE IN THE VICINITY OF DIAPHRAGM 2 BEFORE ORDERING THE REMAINDER OF THE PILES.  
TEST PILES SHALL BE TESTED WITH 4" X 4" X 4" MAX. ALL COVER PLATES AND ALL BEAMS TO WHICH COVER PLATES ARE WELDED SHALL CONFORM TO THE SPECIFICATIONS FOR STRUCTURAL STEEL FOR WELDING, ASTM DESIGNATION A36.  
ABUTMENT PILES SHALL BE PRE-CORED THROUGH EMBANKMENTS IN ACCORDANCE WITH ART. 64.11(C) OF THE STANDARD SPECIFICATIONS.  
THE CONTRACTOR SHALL PLACE (PHOT) SIGNS STG. 1136 ADJACENT TO THE CONSTRUCTION AS DIRECTED BY THE ENGINEER.

NOTE  
N - NUMBER OF BLOWS PER FOOT OF PENETRATION (NO. 16 HAMMER, 30" DROP)



SUMMARY OF QUANTITIES - SEC. 3HP2

CODE NO.	ITEM	UNIT	TOTAL
010001	EMERGENCY REMOVAL (6" TO 12" DIA.)	LN. DIA.	240
010002	EMERGENCY REMOVAL (OVER 12" DIA.)	LN. DIA.	18
010009	EMERGENCY REMOVAL (ACROSS)	EA	0.2
011001	BORROW EXCAVATION	CU. YD.	2140
060001	CLASS A EXCAVATION FOR STRUCTURES	CU. YD.	553
050001	CLASS X CONCRETE	CU. YD.	114.7
054001	ERECTING STRUCTURAL STEEL	LBS.	76604
055001	FURNISHING & ERECTING METAL HANDRAIL	LN. FT.	424
056001	REINFORCING BARS	LBS.	177600
060001	FURNISHING CROSSHATCHED PILES (UP TO 20')	LN. FT.	2160
060001	FURNISHING CROSSHATCHED PILES (20' TO 30')	LN. FT.	1320
060001	TEST PILES (TEMPER)	EA	1
060001	DRIVING TEMPOR PILES	LN. FT.	3480
060001	METAL BRACES	EA	24
060001	DRIVING CONCRETE PILES	LN. FT.	1000
060001	FURNISHING CROSSHATCHED PILES	LN. FT.	1050
060001	TEST PILES (CONCRETE)	EA	1
061001	WELD PLATES	EA	2
051000	SLOPEMALL	SQ. YD.	150
091002	PAVED RIGID S.F.P.	LN. FT.	110

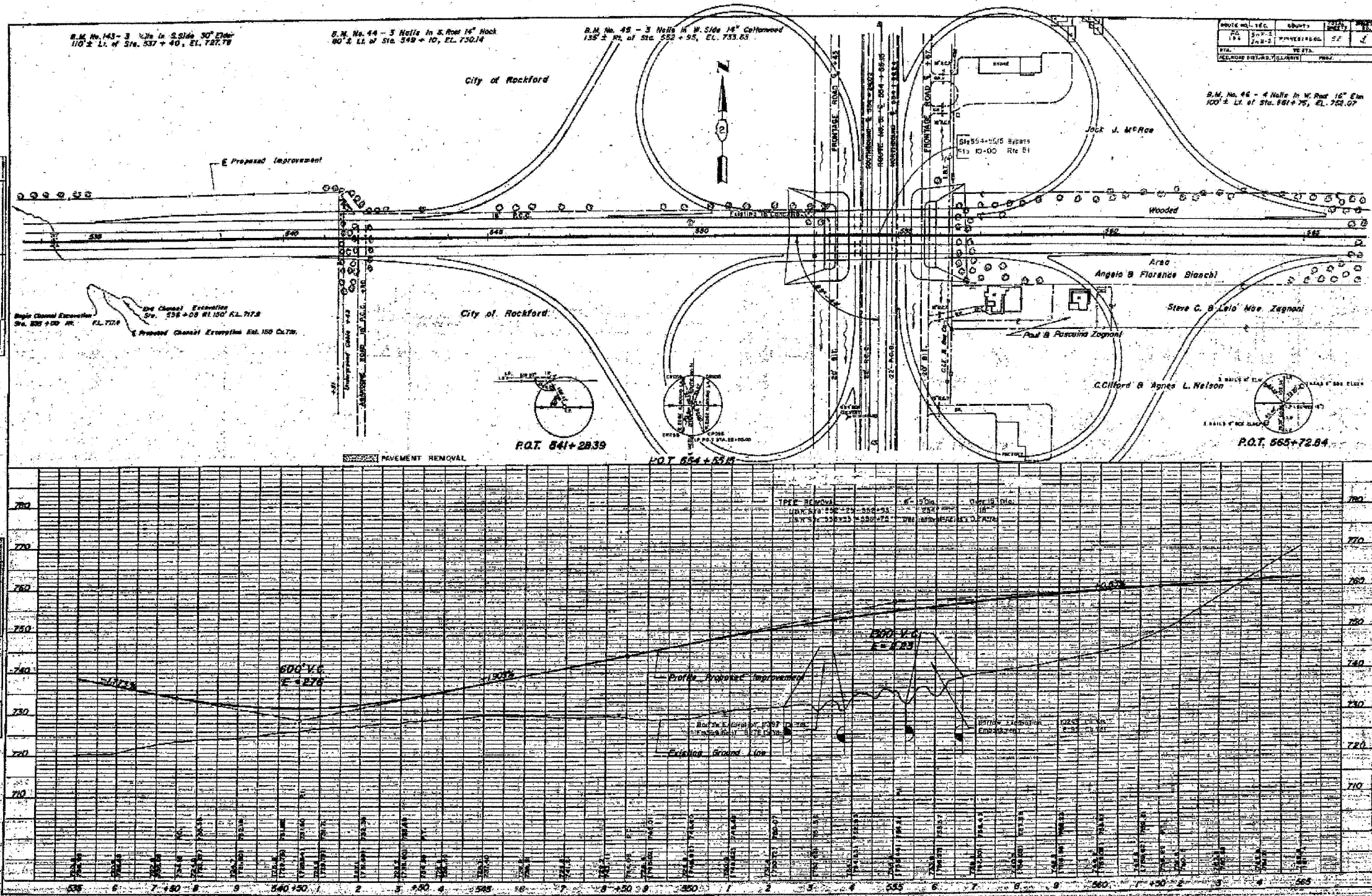
SUMMARY OF QUANTITIES - SEC. 3HP2

CODE NO.	ITEM	UNIT	TOTAL
054001	FURNISHING STRUCTURAL STEEL	LBS.	76604

ILLINOIS DIVISION OF HIGHWAYS  
ROCKFORD BYPASS  
F. A. ROUTE 194  
PROJECT \_\_\_\_\_ SECTION **3HB2**  
WINNEBAGO COUNTY  
**GENERAL NOTES - BORING LOGS**  
**SUMMARY OF QUANTITIES**

SHEET NO. 2	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	301	3HBR-2	WINNEBAGO	171	71
19 SHEETS	CONTRACT NO. 64292				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



DATE	DESCRIPTION

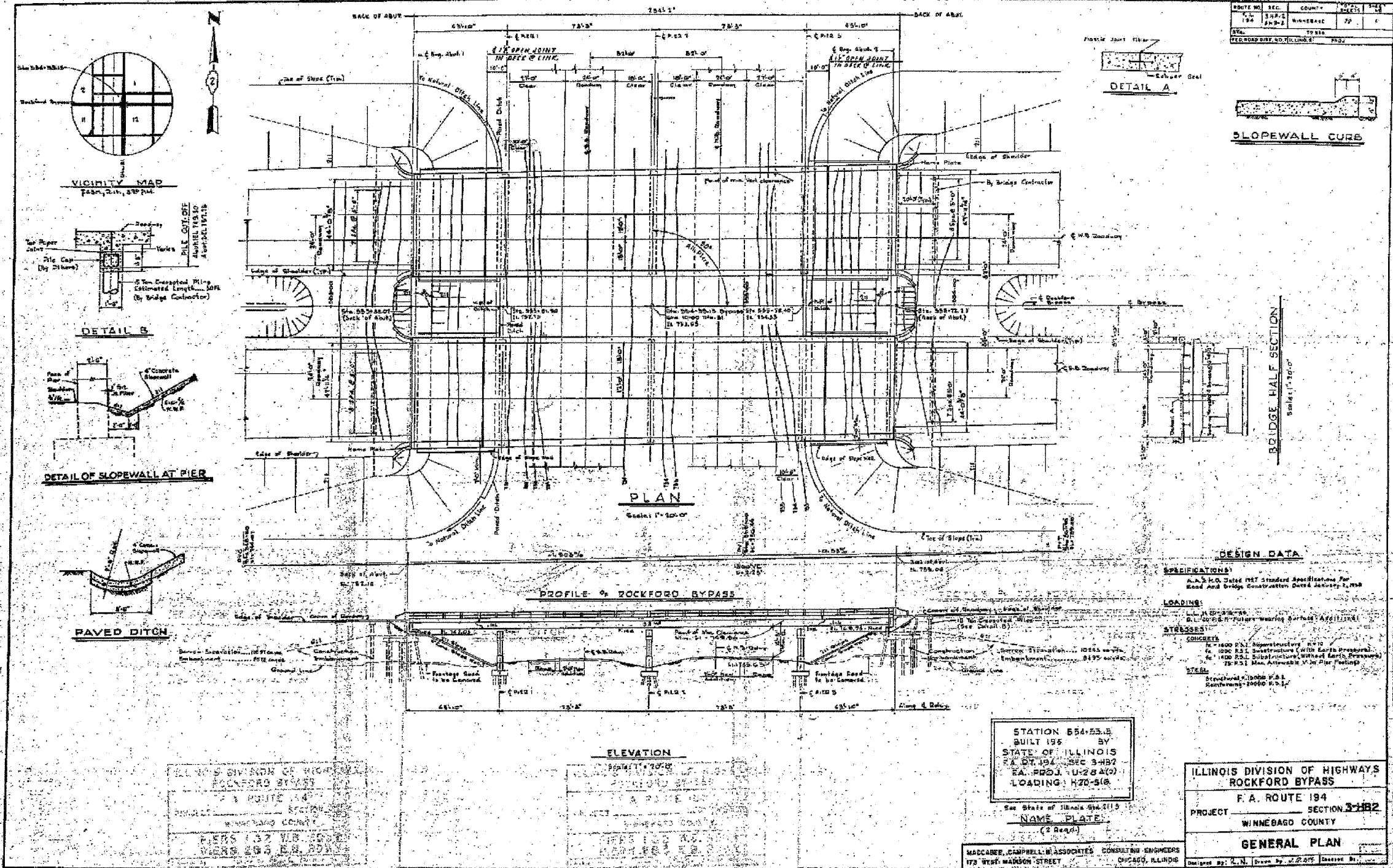
DATE	DESCRIPTION

ROUTE NO.	SEC.	SUBD.	DATE	BY
301	3	2		

SHEET NO. 3	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	301	3HBR-2	WINNEBAGO	171	72
19 SHEETS	CONTRACT NO. 64292				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



ROUTE NO.	SEC.	COUNTY	SHEET NO.	TOTAL SHEETS
194	3BR-2	WINNEBAGO	77	171

**SLOPEWALL CURB**

**BRIDGE HALF SECTION**  
Scale: 1"=10'-0"

**DESIGN DATA**

**SPECIFICATIONS:**  
A.A.S.H.O. Dist. 194 Standard Specifications for Road and Bridge Construction, Sixth Edition, 1958

**LOADING:**  
H-20

**CONCRETE:**  
1400 P.S.I. Superstructure  
1000 P.S.I. Substructure (with Earth Pressure)  
100 P.S.I. Substructure (without Earth Pressure)  
75 P.S.I. Max. Allowable 1/4" Pier Footing

**STEEL:**  
Structural Shapes A.S.T.M. A36  
Reinforcing Bars A.S.T.M. A615

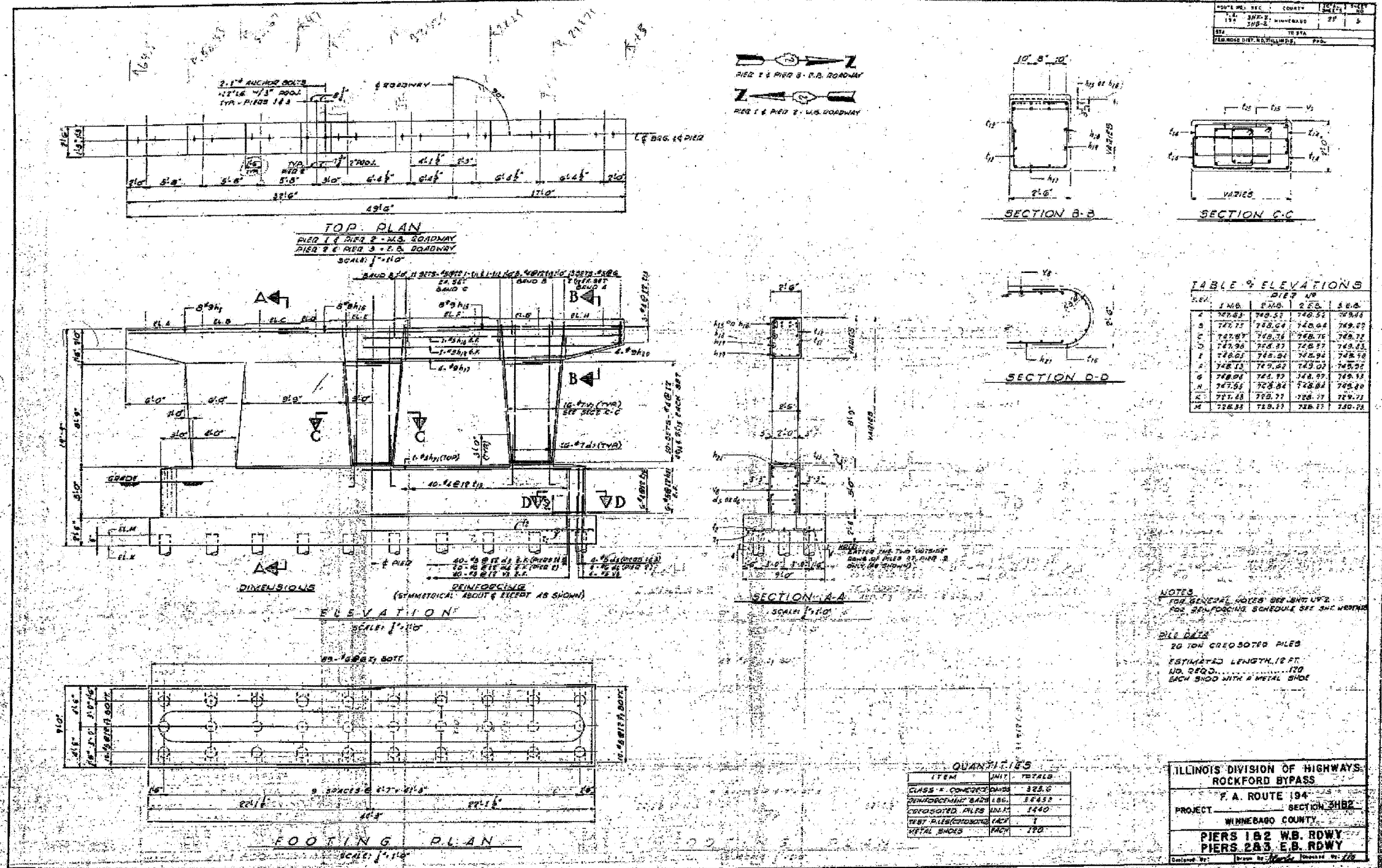
STATION 554+53.5  
BUILT 1955  
BY  
STATE OF ILLINOIS  
F.A. ROUTE 194, SEC. 3BR2  
EA. PD03, U-2 & A-2  
LOADING: H20-S16  
(2 Road)

**ILLINOIS DIVISION OF HIGHWAYS**  
**ROCKFORD BYPASS**  
F.A. ROUTE 194  
PROJECT \_\_\_\_\_ SECTION **3-182**  
WINNEBAGO COUNTY  
**GENERAL PLAN**

MADCABER, CAMPBELL & ASSOCIATES CONSULTING ENGINEERS  
175 WEST MADISON STREET CHICAGO, ILLINOIS

SHEET NO. 4 19 SHEETS	F.A.P. RTE. 301	SECTION 3HBR-2	COUNTY WINNEBAGO	TOTAL SHEETS 171	SHEET NO. 73
	CONTRACT NO. 64292				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



SHEET NO. 5 19 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	301	3HBR-2	WINNEBAGO	171	74
FED. ROAD DIST. NO.			ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 64292					

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
F.A. 194	301	WINNEBAGO	171	75
301-2				
PROJECT: WINNEBAGO COUNTY				
PIER 3 W.B. RDWY PIER 1 E.B. RDWY				

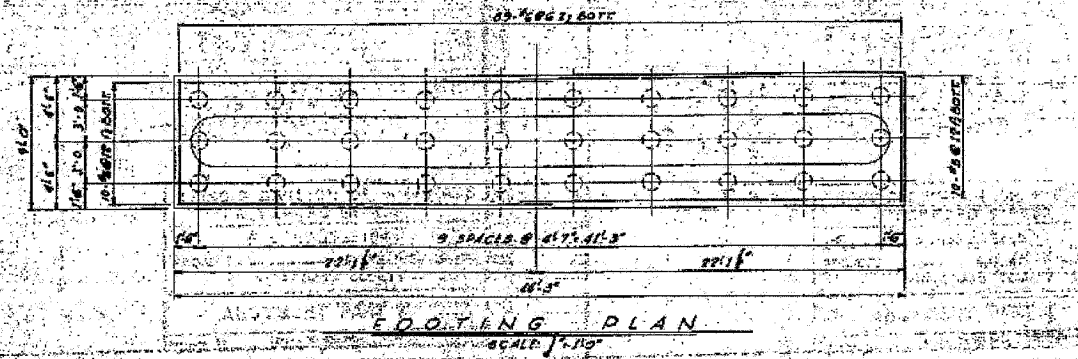
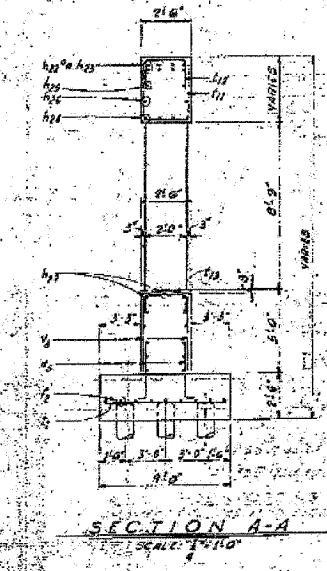
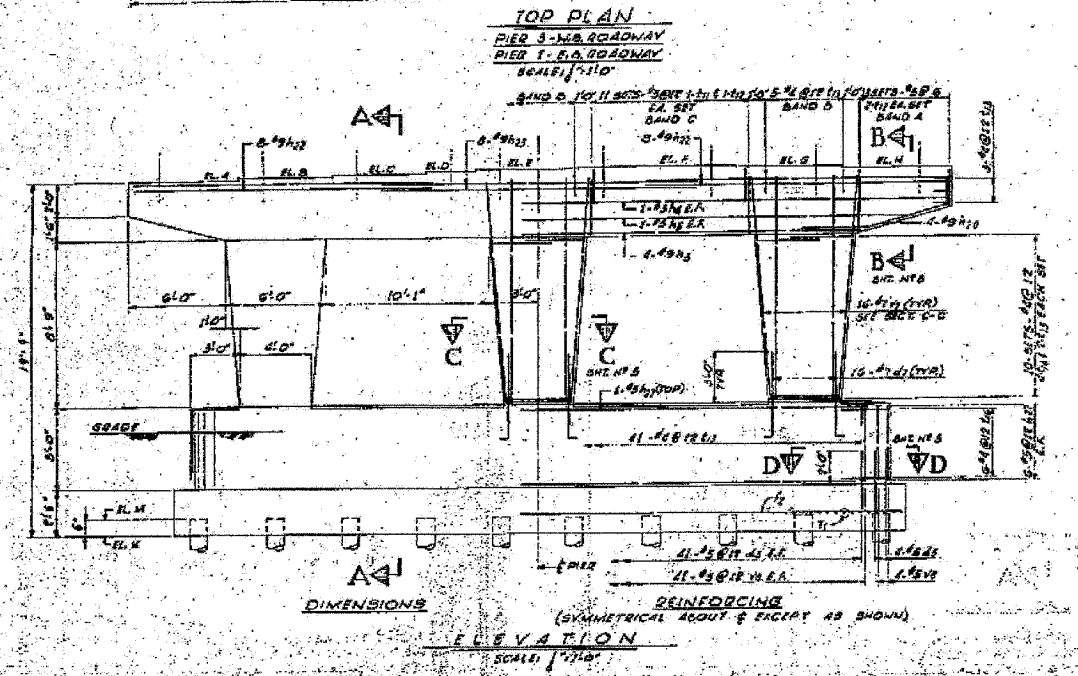
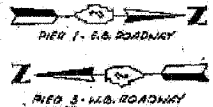
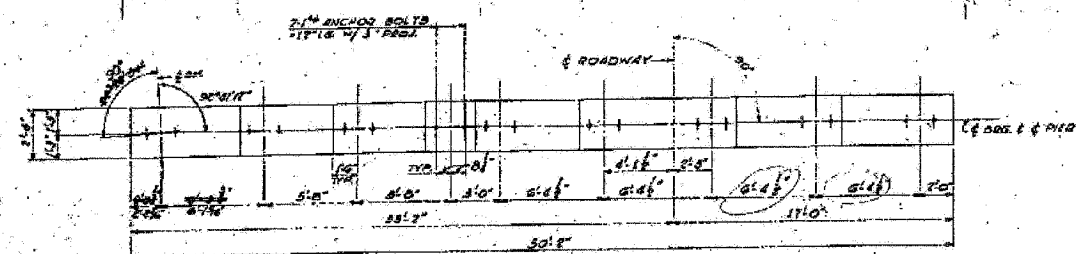


TABLE OF ELEVATIONS

LEVEL	PIER 3 W.B.	PIER 1 E.B.
A	749.46	747.61
B	749.50	747.75
C	749.77	747.87
D	749.83	747.99
E	749.90	748.01
F	749.98	748.11
G	749.93	748.06
H	749.20	747.93
I	749.77	747.88
M	750.22	748.36

NOTES:  
1. FOR GENERAL NOTES SEE SHEET NO. 2.  
2. FOR REINFORCING SCHEDULES SEE SHEET NO. 10.  
3. WORK THIS DRAWING WITH SHEET NO. 2.  
  
PILE DATA:  
1. 10 TON CAPACITIES PILES.  
2. ESTIMATED LENGTH 17 FT.  
3. LUNGS 2\"/>

QUANTITIES

ITEM	UNIT	TOTALS
CLASS II CONCRETE	CY	161.0
REINFORCEMENT BARS	LEBS	191.28
PRECASTED PILES	LINE	150
METAL SHOES	PCNS	60

ILLINOIS DIVISION OF HIGHWAYS  
ROCKFORD BYPASS  
F. A. ROUTE 194  
SECTION 3HBR-2  
PROJECT WINNEBAGO COUNTY  
PIER 3 W.B. RDWY  
PIER 1 E.B. RDWY

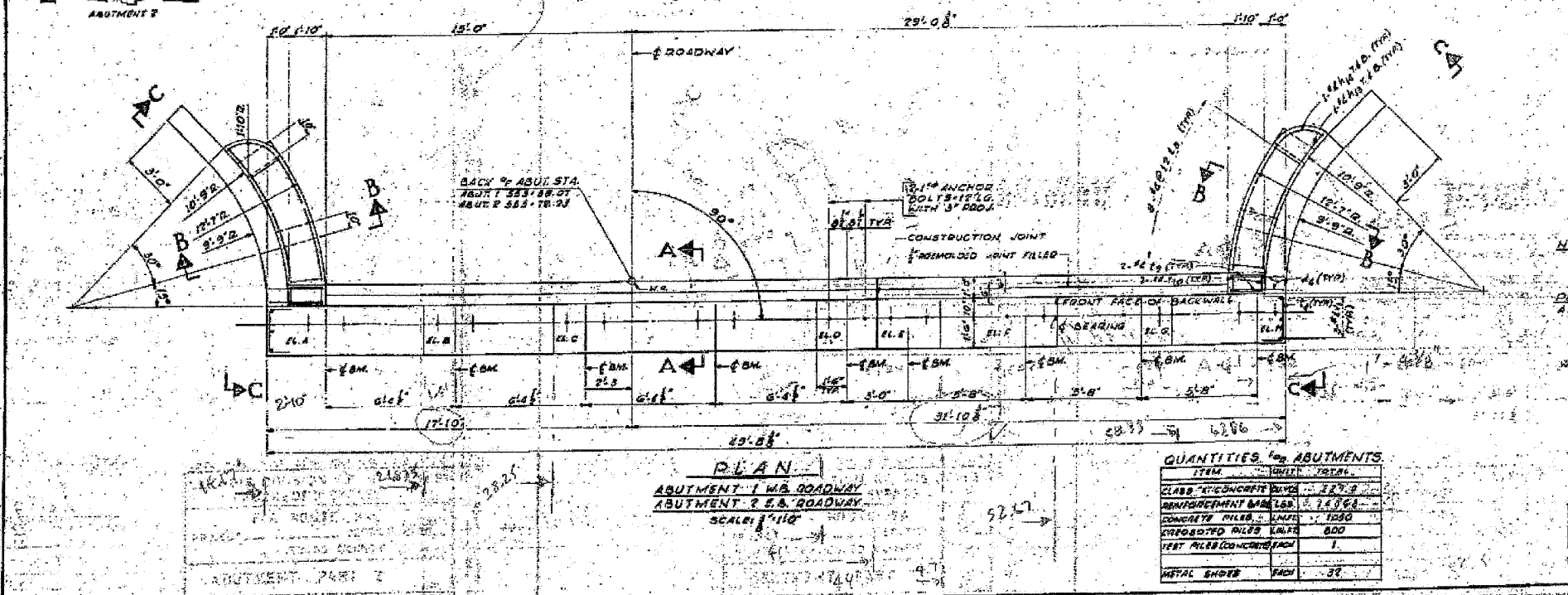
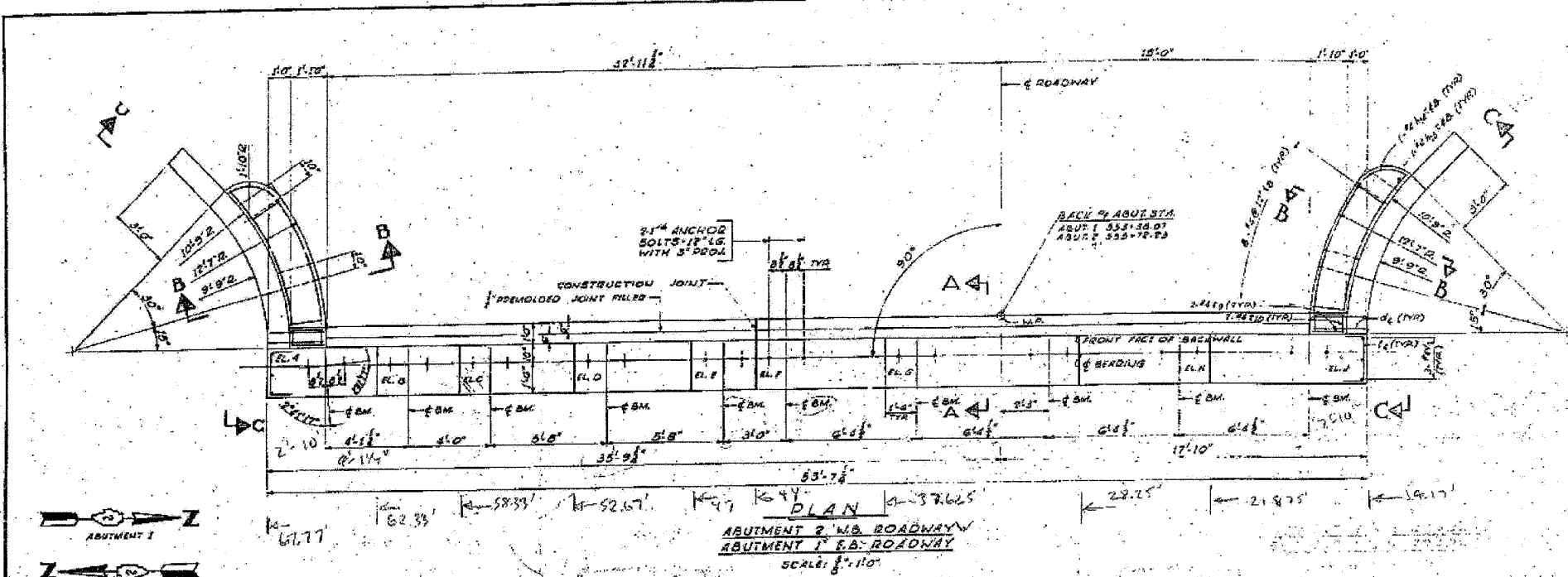
SHEET NO. 6 19 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	301	3HBR-2	WINNEBAGO	171	75
FED. ROAD DIST. NO.			ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 64292					

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
194	3BR-2	WINNEBAGO	72	7

TABLE OF BEARING ELEVATIONS

LEV.	ABUTMENT	NO.	1	2	3	4
A	145.85	150.93	146.09	146.10		
B	149.20	151.38	148.88	149.20		
C	149.20	151.07	148.97	149.22		
D	149.27	151.99	149.09	149.17		
E	149.20	152.10	149.20	149.10		
F	149.09	152.17	149.27	149.19		
G	148.97	152.23	149.33	149.07		
H	148.88	149.20	149.32	149.98		
J		151.30	148.40			



NOTES  
FOR GENERAL NOTES SEE SHEET 2.  
FOR REINFORCING SCHEDULE SEE SHEET 3.  
WORK THIS DRAWING WITH SHEET 4 & 5.  
PILE DATA:  
ABUTMENTS:  
30 TON CONCRETE PILES.  
ESTIMATED LENGTH - 30 FT.  
NUMBER REQD. - 35.  
PIPING WALLS:  
20 TON CONCRETE PILES.  
ESTIMATED LENGTH - 25 FT.  
NUMBER REQD. - 37.  
EACH SHOD WITH A METAL SHOD.

QUANTITIES FOR ABUTMENTS

ITEM	UNITS	TOTAL
CLASS 4 CONCRETE PILES		229.2
REINFORCEMENT BAR LBS.		14,964
CONCRETE PILES - LINE		1550
CONCRETE PILES - AREA		800
METAL SHODS	EACH	32

ILLINOIS DIVISION OF HIGHWAYS  
ROCKFORD BYPASS

F. A. ROUTE 194  
SECTION 3BR-2

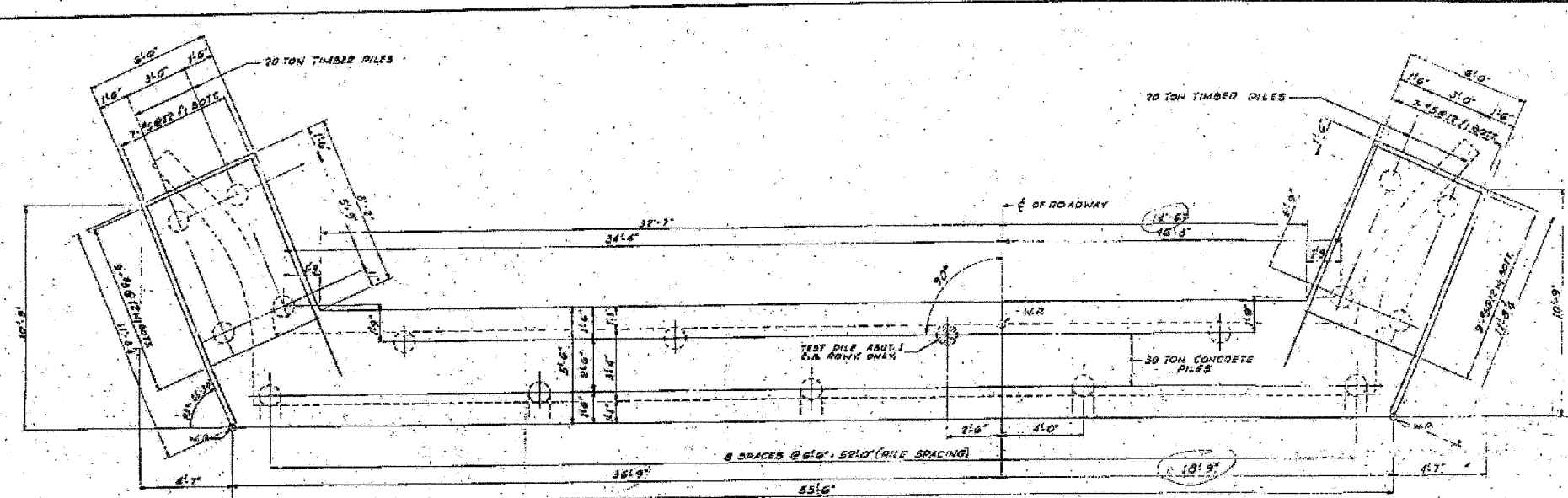
PROJECT: WINNEBAGO COUNTY

ABUTMENT PART 1

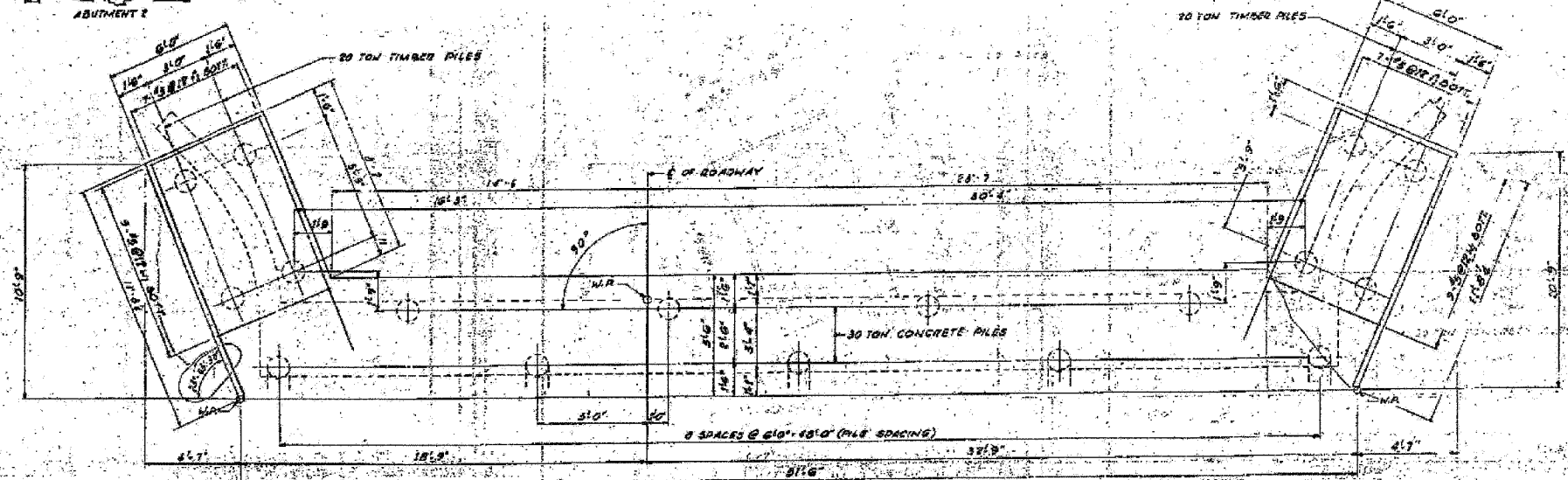
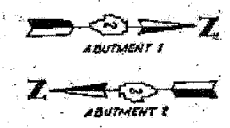
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19 SHEETS	CONTRACT NO. 64292		ILLINOIS FED. AID PROJECT		

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SEC.	COUNTY	SECTION	SHEET
194	3HR-2	WINNEBAGO	77	8
TOTAL				
DESIGNED BY: [Signature] CHECKED BY: [Signature]				



FOUNDATION PLAN  
ABUTMENT 2 W.B. ROADWAY  
ABUTMENT 1 F.B. ROADWAY  
SCALE: 3/8" = 1'-0"



FOUNDATION PLAN  
ABUTMENT 1 W.B. ROADWAY  
ABUTMENT 2 F.B. ROADWAY  
SCALE: 3/8" = 1'-0"

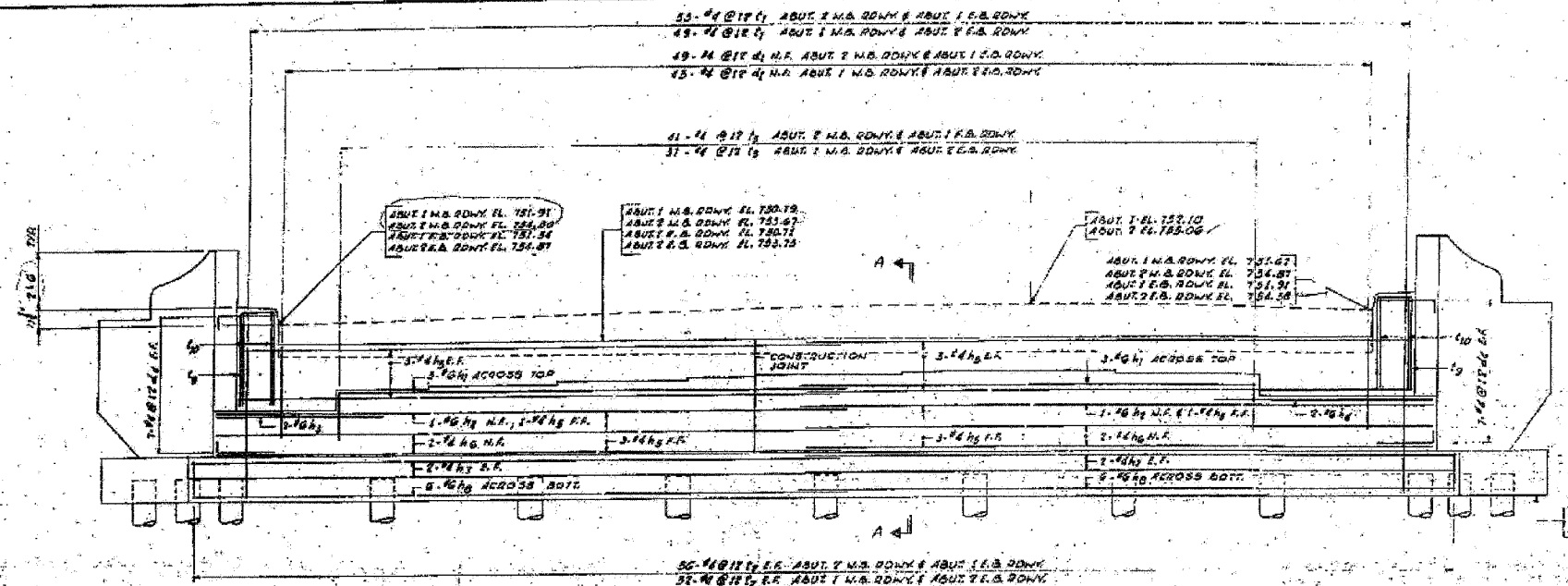
WORK THIS DRAWING WITH SHEET NO. 749.

ILLINOIS DIVISION OF HIGHWAYS				
ROCKFORD BYPASS				
F.A. ROUTE 194				
PROJECT	SECTION 3HR-2			
WINNEBAGO COUNTY				
ABUTMENT PART 2				
DESIGNED BY:	DRAWN BY:	CHECKED BY:		

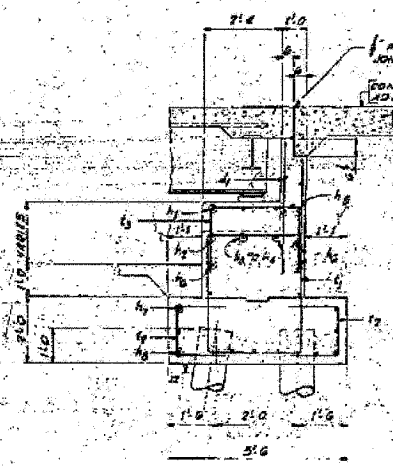
SHEET NO. 8 19 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	301	3HR-2	WINNEBAGO	171	77
CONTRACT NO. 64292					
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

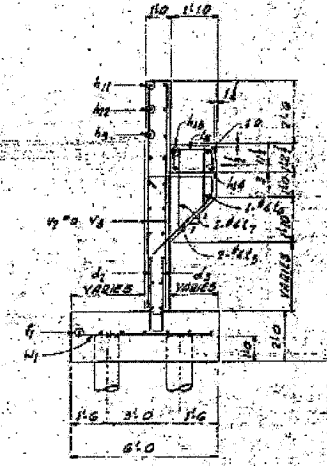
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
194	3HR-2	WINNEBAGO	171	78
STA.	TO STA.			
140+00	142+00	ILLINOIS	1907	



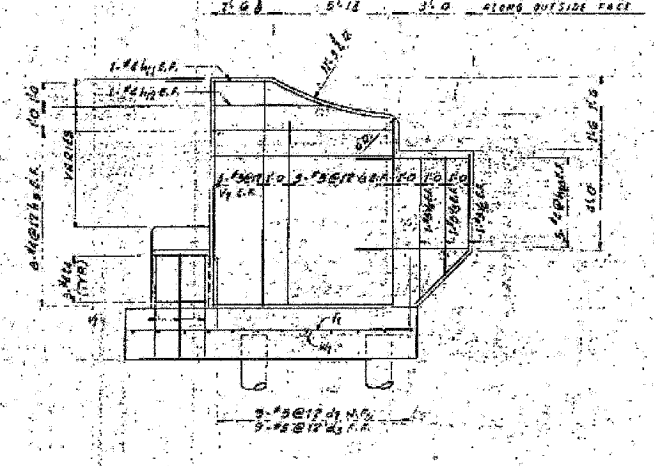
ELEVATION  
SCALE: 1/8" = 1'-0"



SECTION A-A  
SCALE: 1/4" = 1'-0"  
DEON PLAN PART 1



SECTION B-B  
SCALE: 1/8" = 1'-0"



ELEVATION C-C  
SCALE: 1/8" = 1'-0"

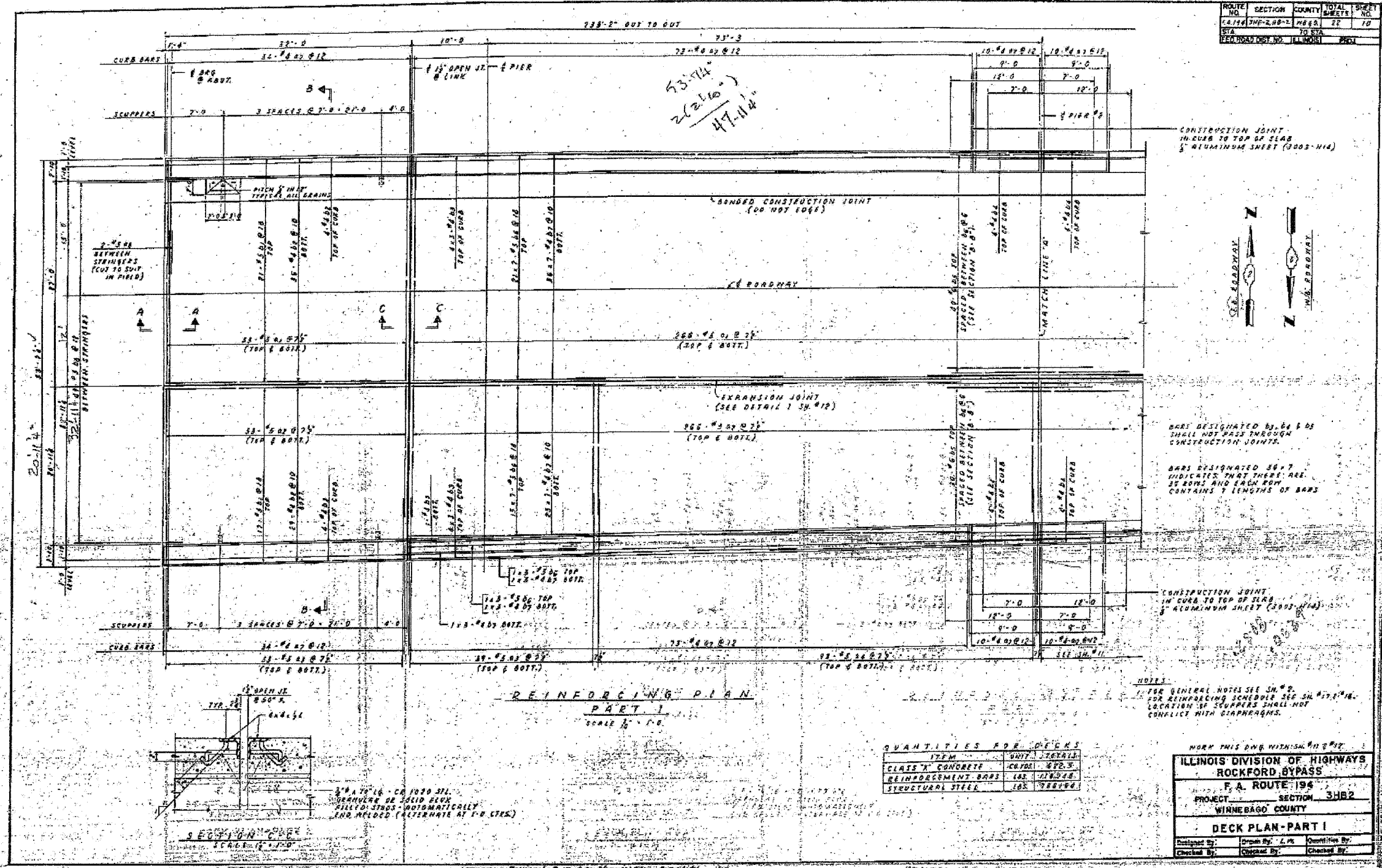
NOTE: THIS DWG. WITH BMT. NO. 748.

ILLINOIS DIVISION OF HIGHWAYS	
ROCKFORD BYPASS	
F. A. ROUTE 194	
PROJECT	SECTION 3HR-2
WINNEBAGO COUNTY	
ABUTMENT - PART 3	
Designed By:	Drawn By:
Checked By:	Checked By:

Revised 7/2/60: CURB HEIGHT - V.M.

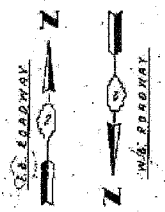
SHEET NO. 9	F.A.P. RTE. 301	SECTION 3HR-2	COUNTY WINNEBAGO	TOTAL SHEETS 171	SHEET NO. 78
19 SHEETS			CONTRACT NO. 64292		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
194	3HR-2	WINNEBAGO	171	10

CONSTRUCTION JOINT  
IN CURB TO TOP OF SLAB  
ALUMINUM SHEET (3003-H14)



BARS DESIGNATED BY 6, 6 & 6  
SHALL NOT PASS THROUGH  
CONSTRUCTION JOINTS.

BARS DESIGNATED 36-7  
INDICATES THAT THERE ARE  
36 ROWS AND EACH ROW  
CONTAINS 7 LENGTHS OF BARS

CONSTRUCTION JOINT  
IN CURB TO TOP OF SLAB  
ALUMINUM SHEET (3003-H14)

NOTES:  
FOR GENERAL NOTES SEE SH. # 2.  
FOR REINFORCING SCHEDULES SEE SH. # 7, # 16.  
LOCATIONS OF CURBS SHALL NOT  
CONFLICT WITH GRAPHS.

QUANTITIES FOR DECKS

ITEM	QTY	DETAILS
CLASS 'A' CONCRETE	167.0	272.5
REINFORCEMENT BARS	142	1284.8
STRUCTURAL STEEL	102	2827.4

WORK THIS DRAW WITH SH. # 2, 7, 16

**ILLINOIS DIVISION OF HIGHWAYS  
ROCKFORD, BYPASS**

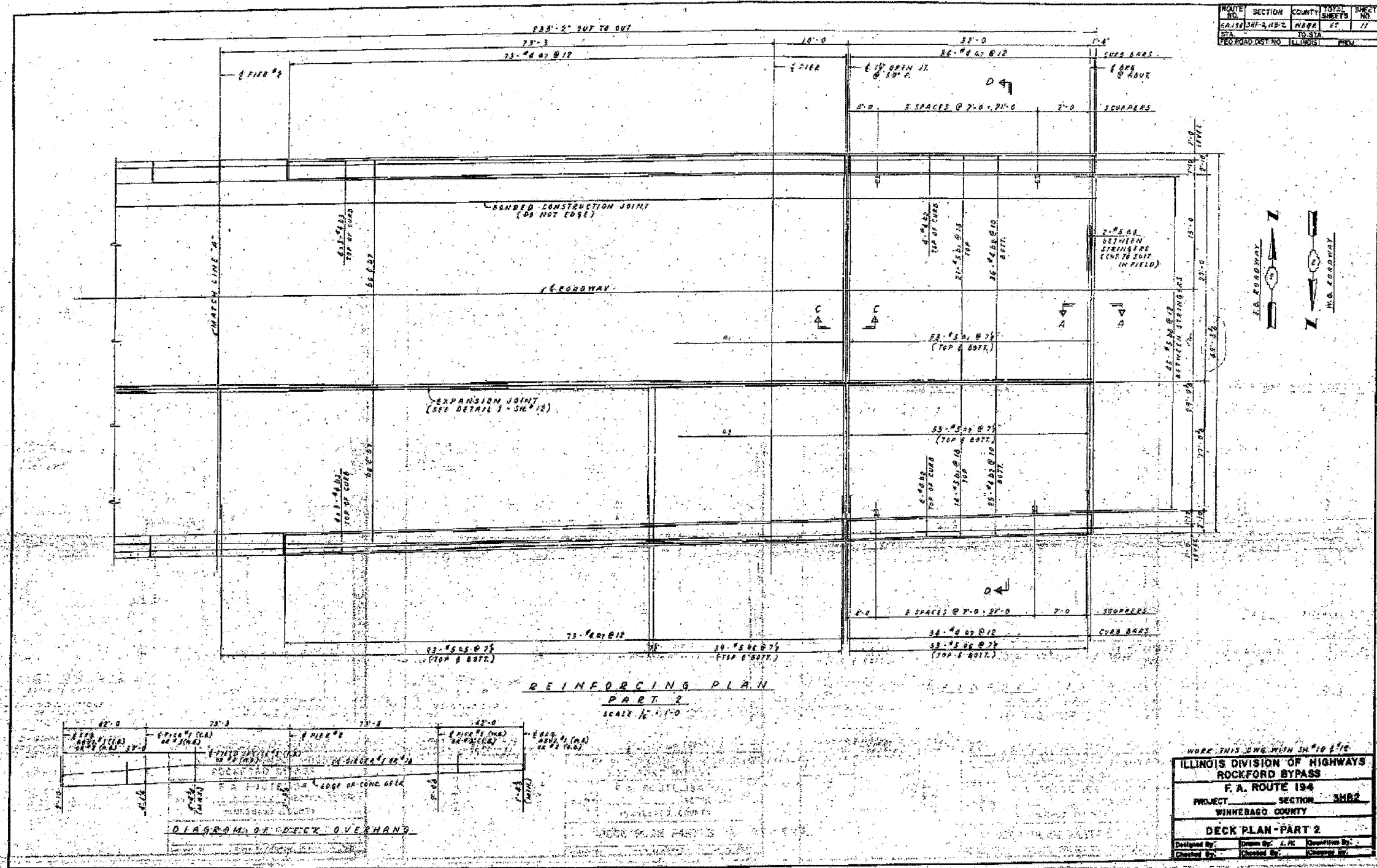
F. A. ROUTE 194  
PROJECT: SECTION 3HR-2  
WINNEBAGO COUNTY

**DECK PLAN - PART I**

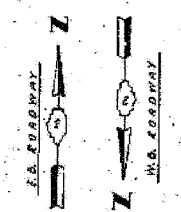
Designed By: [ ] Drawn By: C.M. [ ] Checked By: [ ]  
 Checked By: [ ]

SHEET NO. 10 19 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	301	3HR-2	WINNEBAGO	171	79
CONTRACT NO. 64292					
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



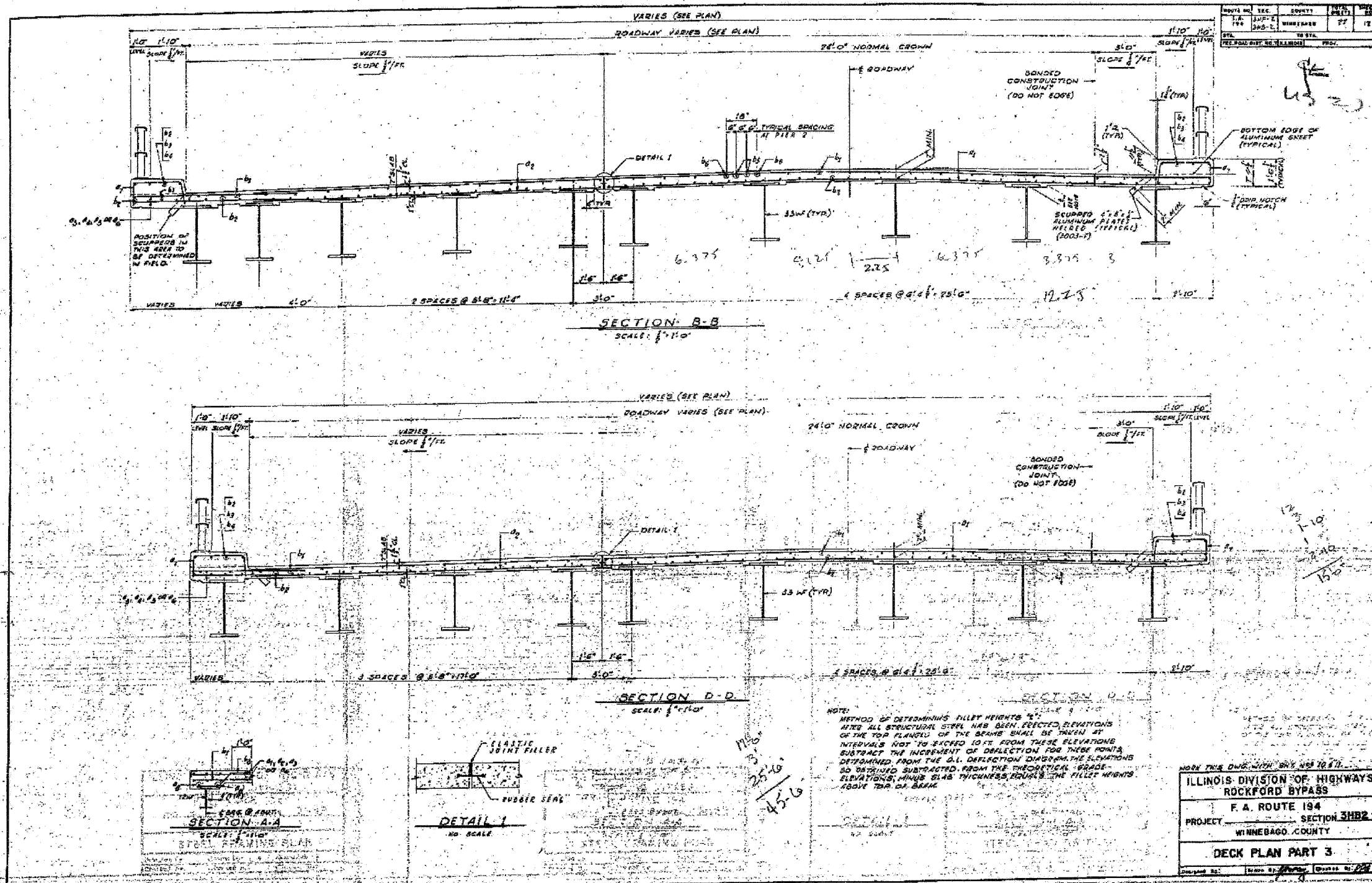
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
194	3HB-2	WINNEBAGO	171	80



SHEET NO. 11 19 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	301	3HBR-2	WINNEBAGO	171	80
CONTRACT NO. 64292					
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		

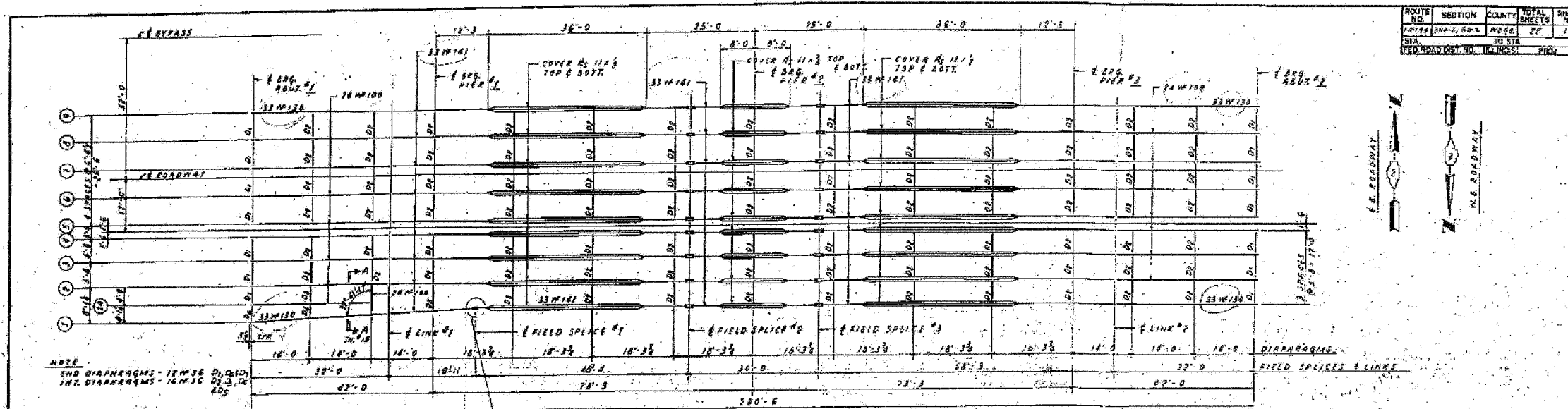


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



SHEET NO. 12	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	301	3HBR-2	WINNEBAGO	171	81
19 SHEETS	FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

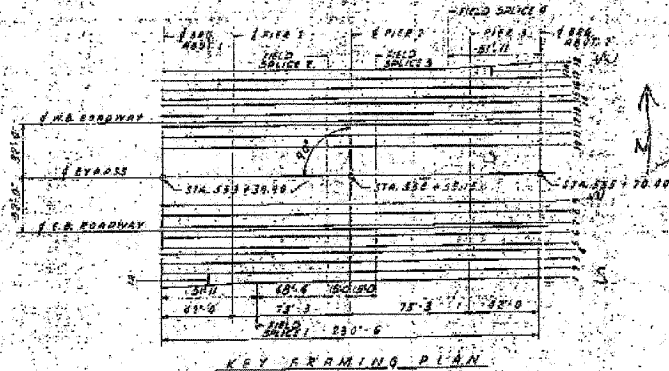


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
194	3HR-2	WINNEBAGO	171	82
STA.	TO STA.			
PER ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

NOTE  
END DIAPHRAGMS - 12M15  
INT. DIAPHRAGMS - 12M15

F.R.A.M.I.N.G. P.L.A.N.  
SCALE 1/4" = 1'-0"

BEAM NO.	LOCATION	ELEVATIONS										
		ABR. HAUB.	LINK 1	ABR. PIER 1	FIELD SPICE 1	FIELD SPICE 2	ABR. PIER 2	FIELD SPICE 3	FIELD SPICE 4	ABR. PIER 3	LINK 2	ABR. HAUB.
1	TOP OF SLAB	751.87	751.83	752.18	752.32	752.05	752.14	752.33	752.04	752.15	752.48	752.48
1A	TOP OF SLAB	751.85										
2	TOP OF SLAB	751.76	752.17	752.31	752.07	752.26	752.65	752.20	752.27	752.64	752.64	
3	TOP OF SLAB	751.76	752.19	752.31	752.19	752.38	752.52	752.18	752.39	752.76	752.76	
4	TOP OF SLAB	751.76	752.17	752.31	752.44	752.22	752.92	752.20	752.31	752.68	752.68	
5	TOP OF SLAB	751.76	752.17	752.31	752.33	752.42	752.61	752.18	752.30	752.63	752.63	
6	TOP OF SLAB	751.76	752.17	752.31	752.37	752.51	752.76	752.20	752.31	752.68	752.68	
7	TOP OF SLAB	751.76	752.17	752.31	752.45	752.62	752.84	752.20	752.31	752.68	752.68	
8	TOP OF SLAB	751.76	752.17	752.31	752.49	752.66	752.88	752.20	752.31	752.68	752.68	
9	TOP OF SLAB	751.76	752.17	752.31	752.53	752.70	752.92	752.20	752.31	752.68	752.68	
10	TOP OF SLAB	751.76	752.17	752.31	752.57	752.74	752.96	752.20	752.31	752.68	752.68	
11	TOP OF SLAB	751.76	752.17	752.31	752.61	752.78	753.00	752.20	752.31	752.68	752.68	
12	TOP OF SLAB	751.76	752.17	752.31	752.65	752.82	753.04	752.20	752.31	752.68	752.68	
13	TOP OF SLAB	751.76	752.17	752.31	752.69	752.86	753.08	752.20	752.31	752.68	752.68	
14	TOP OF SLAB	751.76	752.17	752.31	752.73	752.90	753.12	752.20	752.31	752.68	752.68	
15	TOP OF SLAB	751.76	752.17	752.31	752.77	752.94	753.16	752.20	752.31	752.68	752.68	
16	TOP OF SLAB	751.76	752.17	752.31	752.81	752.98	753.20	752.20	752.31	752.68	752.68	
17	TOP OF SLAB	751.76	752.17	752.31	752.85	753.02	753.24	752.20	752.31	752.68	752.68	
18	TOP OF SLAB	751.76	752.17	752.31	752.89	753.06	753.28	752.20	752.31	752.68	752.68	
19	TOP OF SLAB	751.76	752.17	752.31	752.93	753.10	753.32	752.20	752.31	752.68	752.68	
20	TOP OF SLAB	751.76	752.17	752.31	752.97	753.14	753.36	752.20	752.31	752.68	752.68	



FOR STEEL DETAILS SEE SHEETS 16 & 15.

ILLINOIS DIVISION OF HIGHWAYS  
ROCKFORD BYPASS  
F.A. ROUTE 194  
PROJECT SECTION 3HR-2  
WINNEBAGO COUNTY

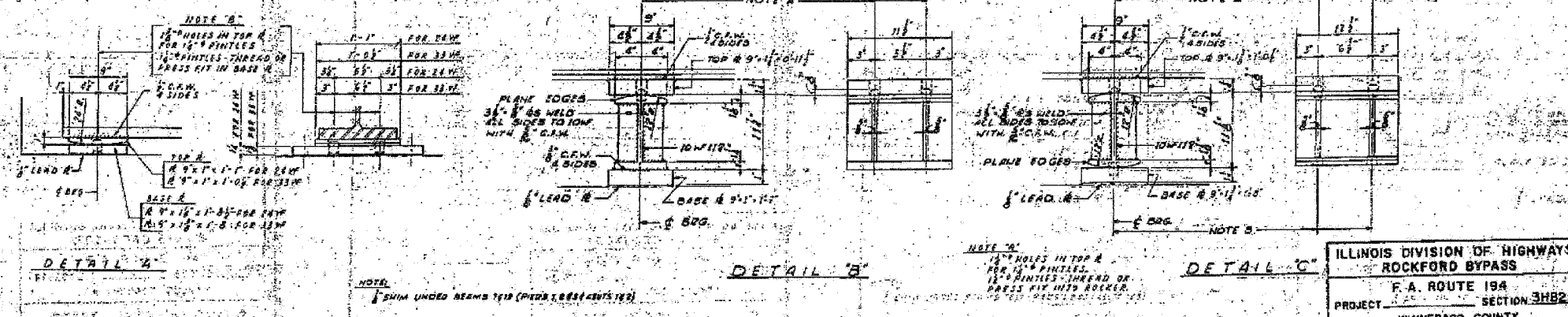
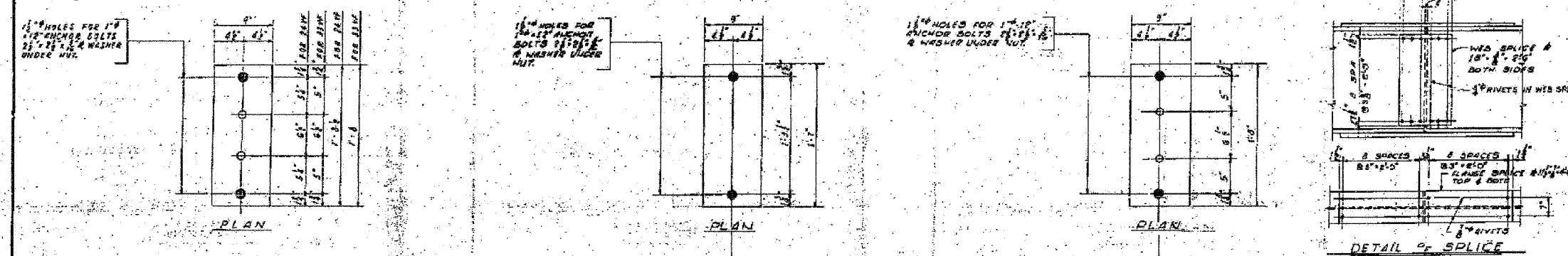
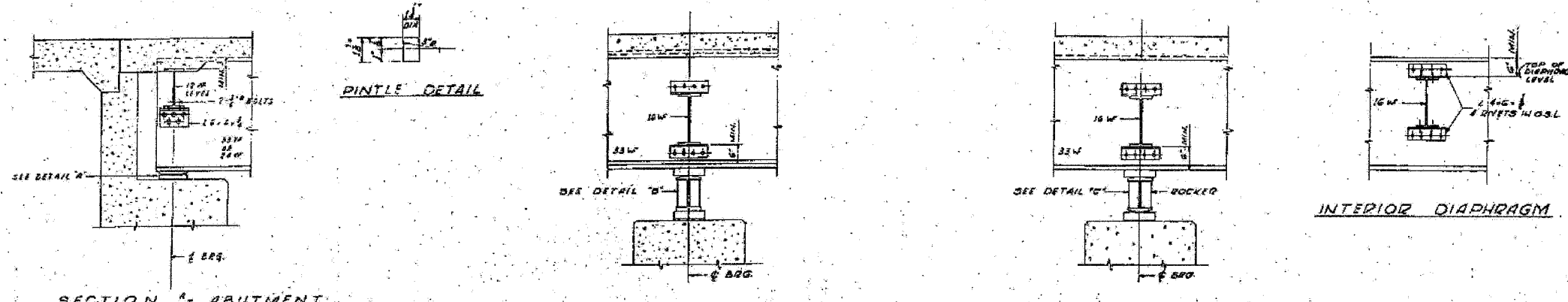
**STEEL FRAMING PLAN**

Designed By: \_\_\_\_\_ Drawn By: J. W. \_\_\_\_\_ Checked By: \_\_\_\_\_

SHEET NO. 13	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	301	3HR-2	WINNEBAGO	171	82
19 SHEETS	CONTRACT NO. 64292				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	REL.	COUNTY	TOTAL SHEETS	SHEET NO.
194	3HB-2	WINNEBAGO	171	83
F.A. ROUTE 194 SECTION 3HB-2 WINNEBAGO COUNTY				

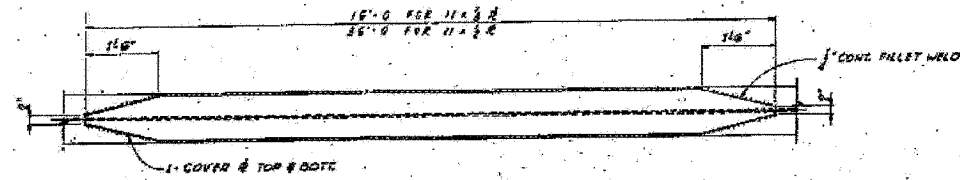


ILLINOIS DIVISION OF HIGHWAYS  
ROCKFORD BYPASS  
F.A. ROUTE 194 SECTION 3HB-2  
PROJECT 301 WINNEBAGO COUNTY  
STEEL DETAILS PART I  
DESIGNED BY: J.D.M. DRAWN BY: P.C.

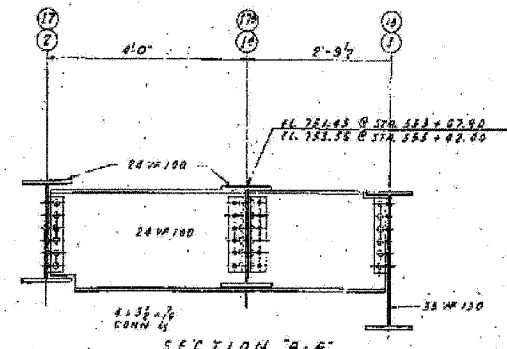
SHEET NO. 14 19 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	301	3HB-2	WINNEBAGO	171	83
CONTRACT NO. 64292					
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

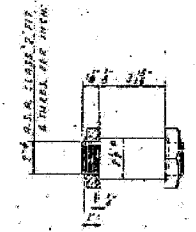
ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
F.A. 194	3BR-2	WINNEBAGO	171	84
PROJECT SECTION 3BR2 WINNEBAGO COUNTY				
STEEL DETAILS PART 2				



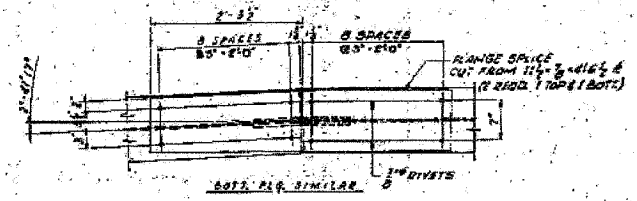
DETAIL OF COVER PLATES



SECTION A-A

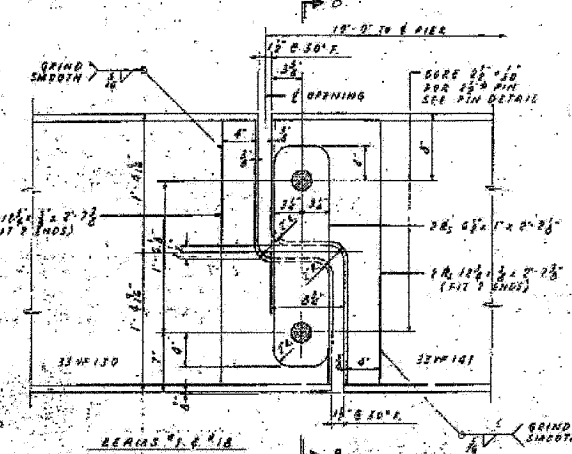


PIN & PIN NUT DETAIL  
SCALE 3" = 1'-0"

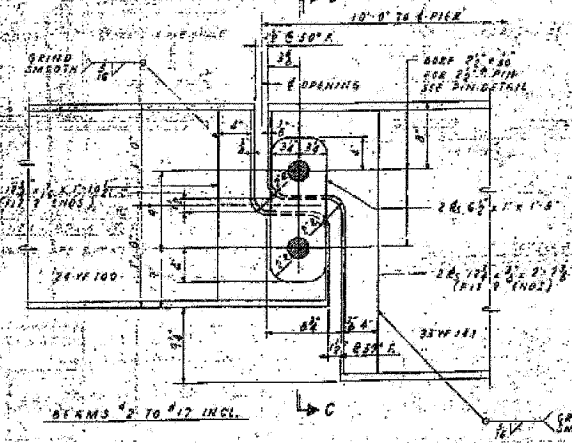


DETAIL OF SPICE

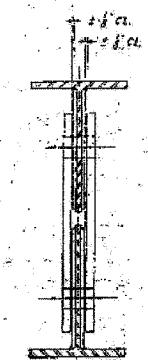
FIELD SPICE NOT BEAM AT  
FIELD SPICES NOT BEAM AT  
(SEE TYPICAL SPICES SEE SHEET 19)



LINK DETAIL  
SCALE 1 1/2" = 1'-0"



LINK DETAIL  
SCALE 1 1/2" = 1'-0"



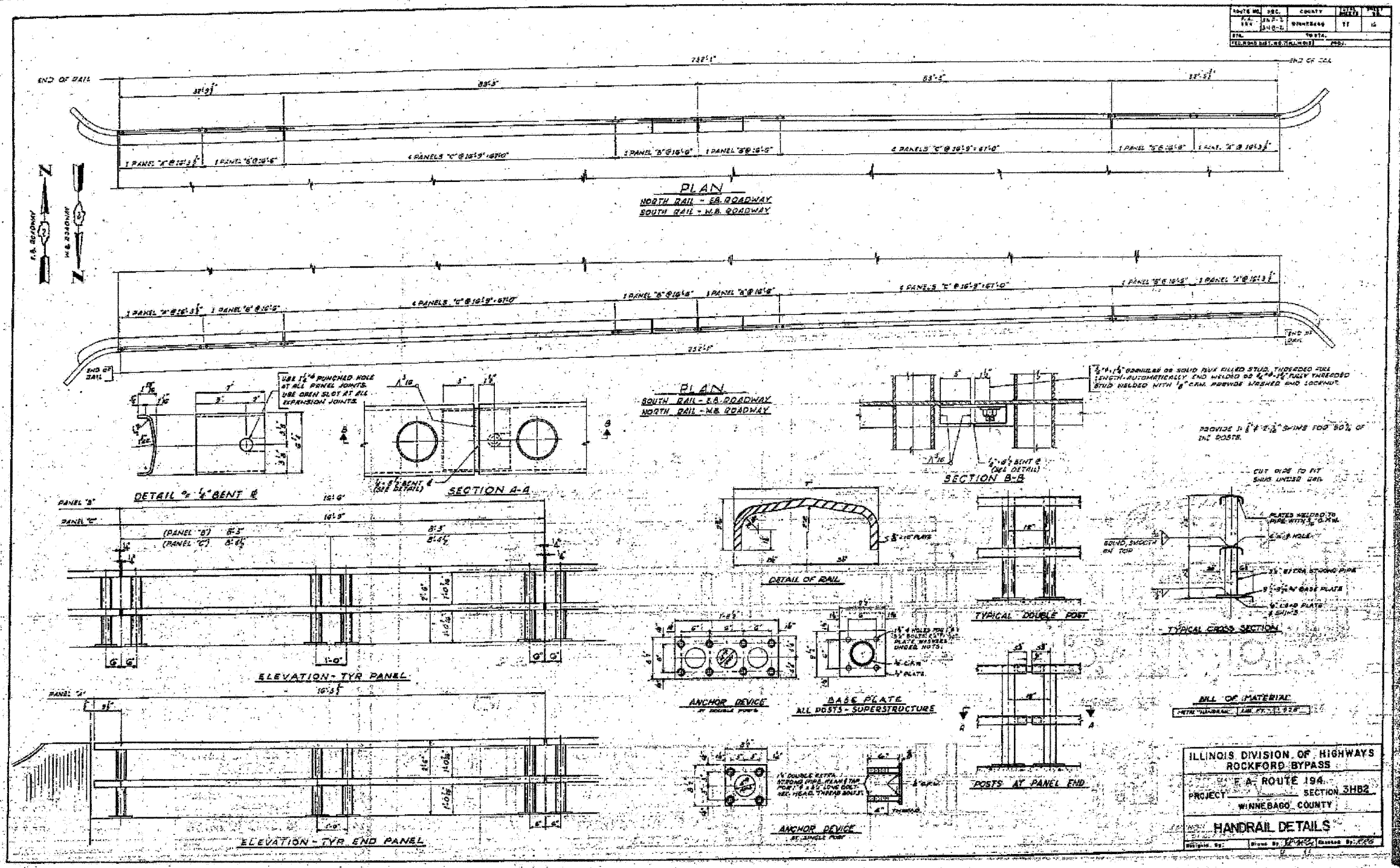
SECTION C-C

FOR STEEL FRAMING PLAN SEE SHEET 19				
ILLINOIS DIVISION OF HIGHWAYS ROCKFORD BYPASS				
F.A. ROUTE 194				
PROJECT SECTION 3BR2 WINNEBAGO COUNTY				
STEEL DETAILS PART 2				



SHEET NO. 15 19 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	301	3HR-2	WINNEBAGO	171	84
CONTRACT NO. 64292					
FED. ROAD DIST. NO.			ILLINOIS	FED. AID PROJECT	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
194	301	WINNEBAGO	171	85

ILLINOIS DIVISION OF HIGHWAYS  
ROCKFORD BYPASS  
F.A. ROUTE 194  
PROJECT SECTION 3HB2  
WINNEBAGO COUNTY  
HANDRAIL DETAILS

SHEET NO. 16	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
19 SHEETS	301	3HBR-2	WINNEBAGO	171	85
FED. ROAD DIST. NO.			ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 64292					

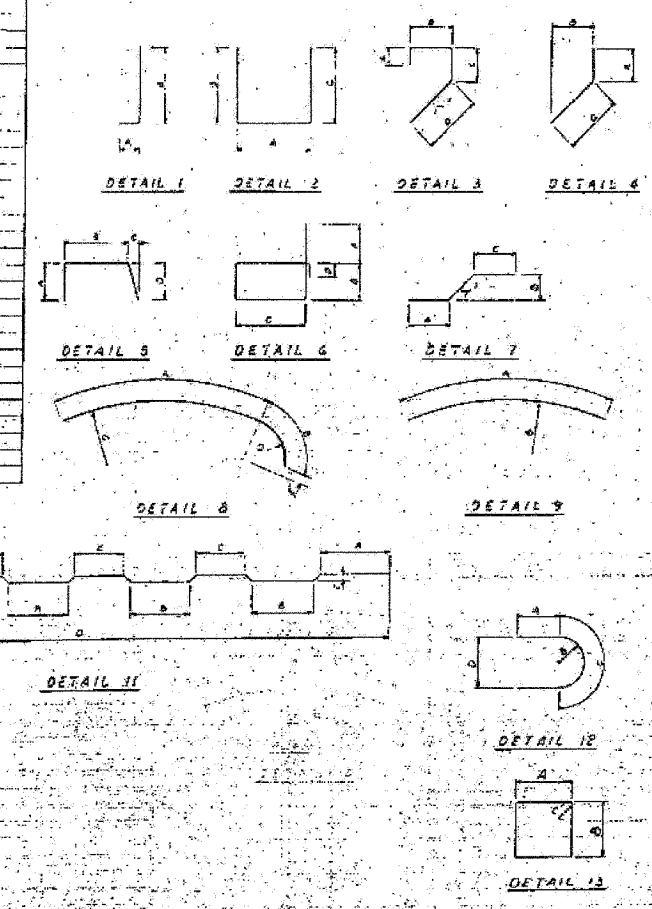


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BAR SCHEDULE  
(FOR W.A. ROADWAY)

PIER 1										PIER 2										PIER 3										ABUTMENT 1										ABUTMENT 2																																																											
BAR	NO.	SIZE	LENGTH	DETAIL	A	B	C	D	E	BAR	NO.	SIZE	LENGTH	DETAIL	A	B	C	D	E	BAR	NO.	SIZE	LENGTH	DETAIL	A	B	C	D	E	BAR	NO.	SIZE	LENGTH	DETAIL	A	B	C	D	E	BAR	NO.	SIZE	LENGTH	DETAIL	A	B	C	D	E																																																		
A11	16	#8	18'-3"							A12	8	#8	18'-9"							A13	8	#8	18'-9"							A14	8	#8	18'-9"							A15	8	#8	18'-9"							A16	8	#8	18'-9"							A17	8	#8	18'-9"							A18	8	#8	18'-9"							A19	8	#8	18'-9"							A20	8	#8	18'-9"						

ROUTE NO.	REG.	COUNTY	TOTAL SHEETS	SHEET NO.
194	3HR-2	WINNEBAGO	171	86



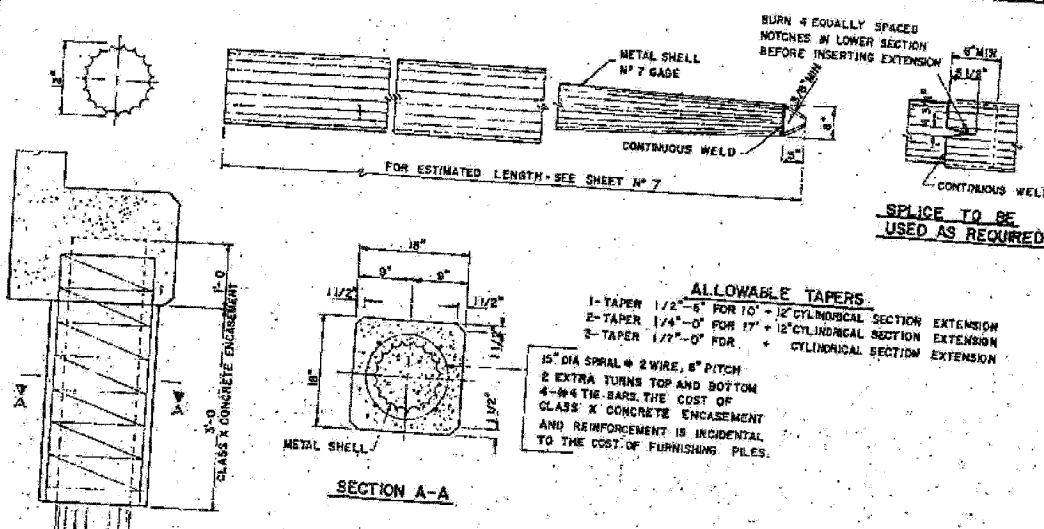
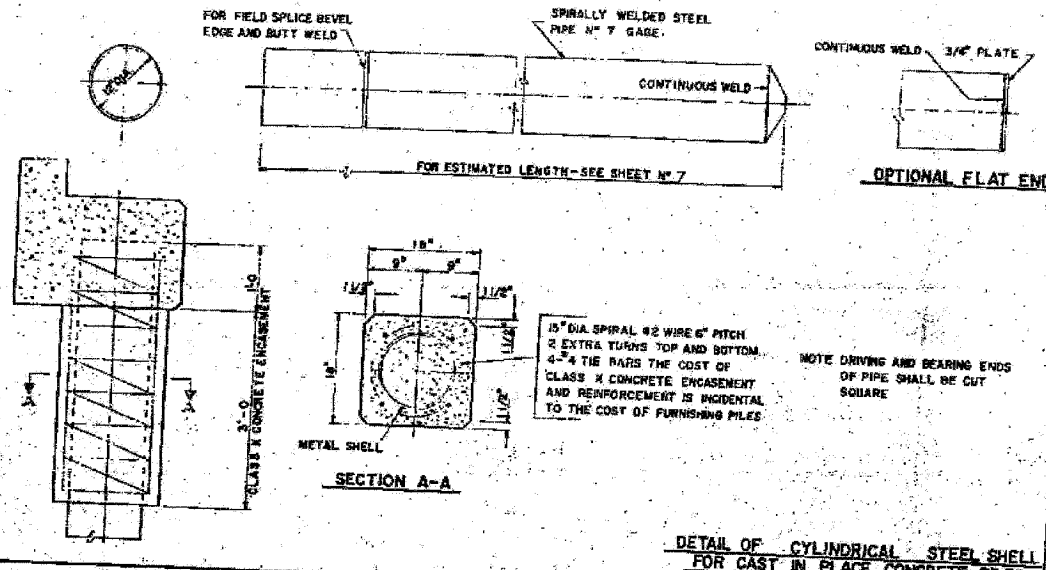
FOR WEST EQUINOX ROADWAY  
ILLINOIS DIVISION OF HIGHWAYS  
ROCKFORD BYPASS  
F.A. ROUTE 194  
SECTION 3HR2  
WINNEBAGO COUNTY  
**REINFORCING SCHEDULE**

SHEET NO. 18	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
19 SHEETS	301	3HR-2	WINNEBAGO	171	86a
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT		
CONTRACT NO. 64292					

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

STATE OF ILLINOIS  
DEPARTMENT OF PUBLIC WORKS & BUILDINGS  
DIVISION OF HIGHWAYS

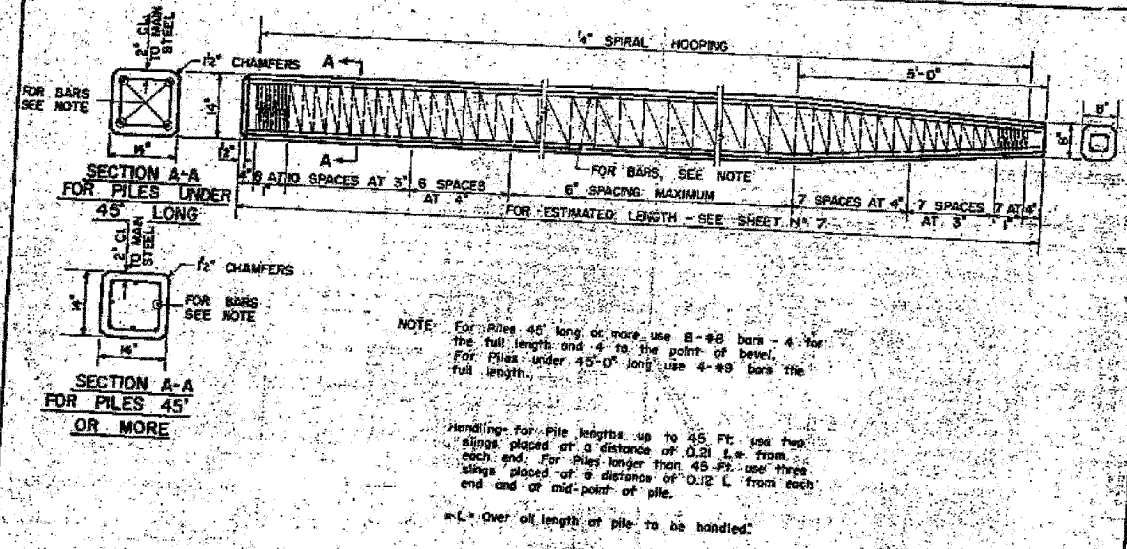
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
194	3HR-2	WINNEBAGO	171	86b



ALLOWABLE TAPERS  
 1-TAPER 1/2"-0" FOR 10" - 12" CYLINDRICAL SECTION EXTENSION  
 2-TAPER 1/4"-0" FOR 17" - 18" CYLINDRICAL SECTION EXTENSION  
 3-TAPER 1/2"-0" FOR 18" - 20" CYLINDRICAL SECTION EXTENSION

DETAIL OF CYLINDRICAL STEEL SHELL FOR CAST IN PLACE CONCRETE PILES

DETAIL OF TAPERED METAL SHELL FOR CAST IN PLACE CONCRETE PILES



NOTE: For piles 45' long or more, use 8-#8 bars - 4 for the full length and 4 to the point of level.  
 For piles under 45' long use 4-#8 bars the full length.  
 Handlings: For pile lengths up to 45 ft. use two slings placed at a distance of 0.21 L from each end. For piles longer than 45 ft. use three slings placed at a distance of 0.12 L from each end and at mid-point of pile.  
 L = Over all length of pile to be handled.

DETAIL OF PRECAST CONCRETE PILES

TIMBER PILES  
 PROVIDE METAL SHOES FOR ALL TIMBER PILES

ILLINOIS DIVISION OF HIGHWAYS ROCKFORD BYPASS R.A. ROUTE 194			
PROJECT	SECTION	3HR2	
WINNEBAGO COUNTY			
PILE STANDARD 2			
Designed by:	Drawn by:	Checked by:	Contract No.
Checked by:	Contract No.	Contract No.	Contract No.

SHEET NO. 19	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
19 SHEETS	301	3HR-2	WINNEBAGO	171	86b
FED. ROAD DIST. NO.			ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 64292					



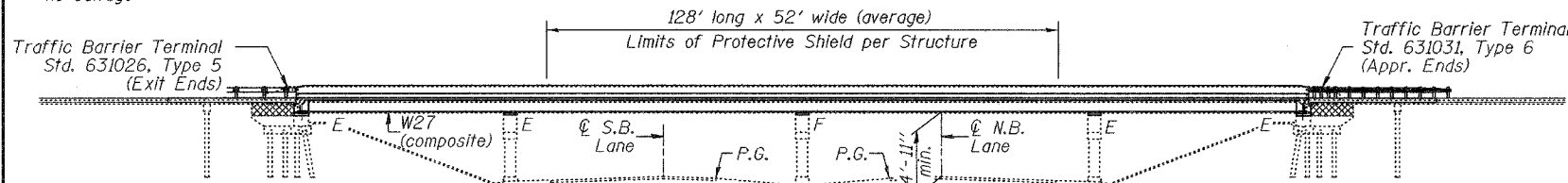
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 301	3HBR-2	WINNEBAGO	171	87
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

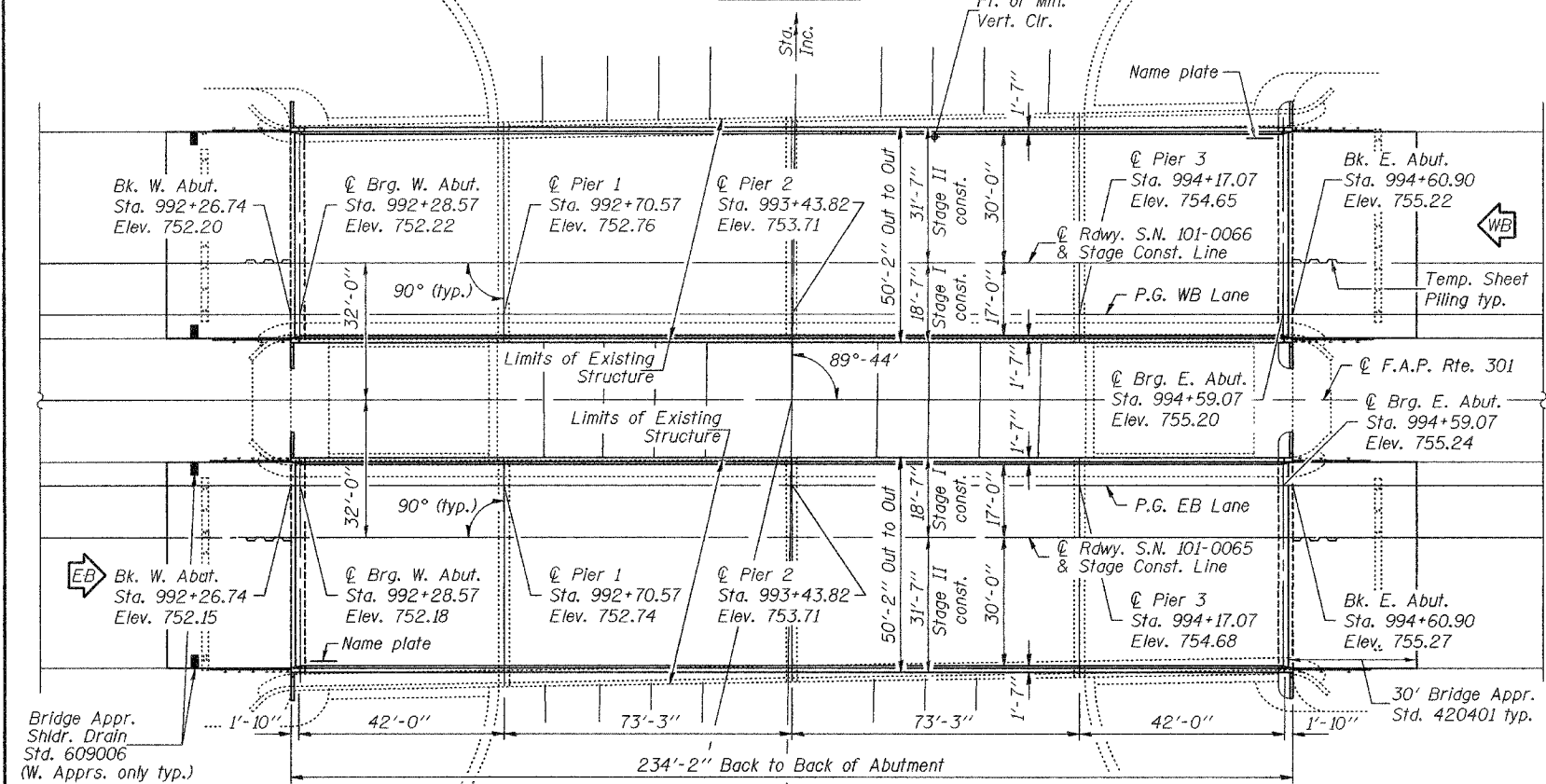
Bench Mark: Mark on top of wingwall of existing EB structure, Elev. 751.95  
Mark on top of wingwall of existing WB structure, Elev. 751.70

Existing Structure: S.N. 101-0065 (EB) and 101-0066 (WB) built in 1960 as F.A.P. Route 194, Section 3HB-2. Each dual structure consists of a four span reinforced concrete deck on wide flange steel beams supported by pile bent spill thru abutments and multi-column piers. 234'-2" back-to-back abutments. Varies 49'-8 3/8" to 53'-7 1/4" out-to-out deck. Existing superstructures to be removed and replaced using stage construction.

No salvage



ELEVATION



PLAN

Sta. 991+96.41	+1.33% (EB)
Elev. 751.75 (EB)	+1.29% (WB)
Elev. 751.81 (WB)	
Sta. 994+91.24	
Elev. 755.67 (EB)	
Elev. 755.61 (WB)	

U.S. RTE. 20 PROFILE GRADE  
(along P.G.)

DESIGNED	Stephan R. Pignatelli
CHECKED	Foschia Tok
DRAWN	h.t. duong
CHECKED	SMR/FT

APR 25 2008  
EXAMINED  
PASSED



EXPIRES 11-30-2008

Sta. 251+00.00	Elev. 734.43 (SB)	Elev. 735.36 (NB)
Sta. 252+00.00	Elev. 734.44 (SB)	Elev. 735.44 (NB)
Sta. 253+00.00	Elev. 734.59 (SB)	Elev. 735.53 (NB)
Sta. 254+00.00	Elev. 734.66 (SB)	Elev. 735.49 (NB)
Sta. 255+00.00	Elev. 734.72 (SB)	Elev. 735.41 (NB)

IL. RTE. 251 EXISTING PROFILE GRADE  
(along P.G.)

INDEX OF SHEETS

- General Plan & Elevation
- Stage Construction Details & General Data
- Temporary Concrete Barrier for Stage Construction
- Top of Slab Elevations (E.B. & W.B.)
- Top of Slab Elevations (W.B.)
- Top of Slab Elevations (E.B.)
- Top of West Approach Slab Elevation (W.B.)
- Top of East Approach Slab Elevation (W.B.)
- Top of West Approach Slab Elevation (E.B.)
- Top of East Approach Slab Elevation (E.B.)
- Superstructure (W.B.)
- Superstructure (E.B.)
- Superstructure Details
- Diaphragm Details
- Structural Steel
- Structural Steel Details
- Bearing Details
- Concrete Removal Details
- West Abutment (W.B.)
- East Abutment (W.B.)
- West Abutment (E.B.)
- East Abutment (E.B.)
- Piers
- Cantilever Forming Brackets
- Bar Splicer Assembly Details
- Concrete Parapet Slipforming Option

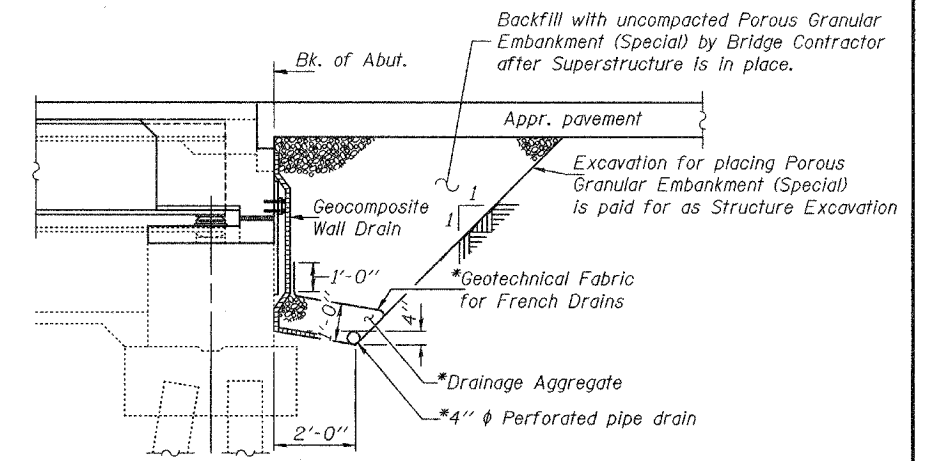
Contract No. 64292

STATION 993+43.82  
REBUILT 20 BY  
STATE OF ILLINOIS  
F.A.P. RT. 301 SEC. 3HBR-2  
LOADING HS20  
STRUCTURE NO. 101-0065 (E.B.)

STATION 993+43.82  
REBUILT 20 BY  
STATE OF ILLINOIS  
F.A.P. RT. 301 SEC. 3HBR-2  
LOADING HS20  
STRUCTURE NO. 101-0066 (W.B.)

NAME PLATE

Existing Name Plates shall be cleaned and relocated next to new Name Plate. Cost included with Name Plates.



SEC. THRU SEMI-INTEGRAL ABUT.

(Horiz. Dimensions @ Rt. L's)

\*Included in the cost of Pipe Underdrains for Structures, 4".

LOADING HS20-44  
Allow 50#/sq. ft. for future wearing surface.

DESIGN SPECIFICATIONS

2002 AASHTO

DESIGN STRESSES

New Construction

- $f_c = 3,500$  psi
- $f_y = 60,000$  psi (reinforcement)
- $f_y = 36,000$  psi (structural steel)
- AASHTO M270 Gr. 36
- $f_y = 50,000$  psi (structural steel)
- AASHTO M270 Gr. 50

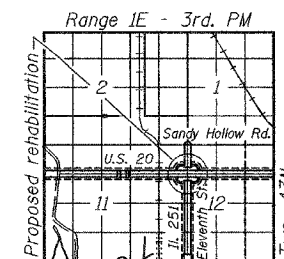
Existing Structure

- $f_c = 1,400$  psi
- $f_s = 20,000$  psi (reinforcement)

SEISMIC DATA

Seismic Performance Category (SPC) = A  
Bedrock Acceleration Coefficient (A) = 0.032g  
Site Coefficient (S) = 1.2

Note: All drainage system components shall extend to 2'-0" from the end of each wingwall except an outlet pipe shall extend until intersecting with each side slopes. The pipes shall drain into concrete headwalls (See Article 601.05 of the Standard Specifications and Highway Standards 601101).



LOCATION SKETCH

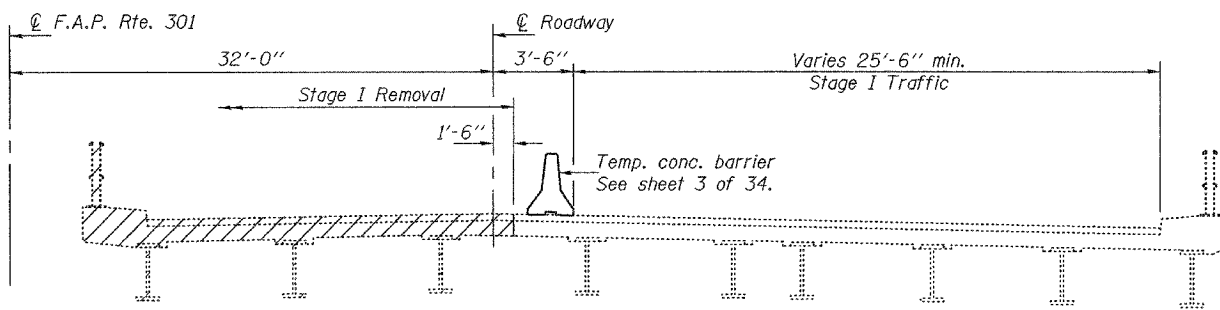
GENERAL PLAN & ELEVATION

U.S. ROUTE 20 OVER  
ILLINOIS ROUTE 251  
F.A.P. RTE. 301 - SEC. 3HBR-2  
WINNEBAGO COUNTY  
STATION 993+43.82  
STRUCTURE NO. 101-0065 (E.B.)  
STRUCTURE NO. 101-0066 (W.B.)

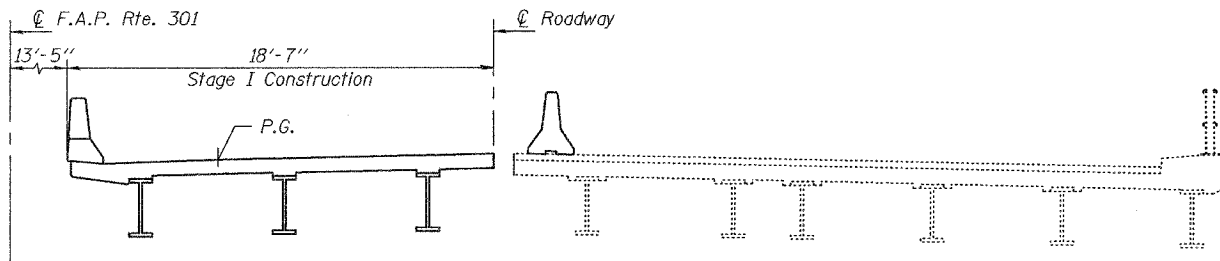
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	LETS	SHEET	SHEET NO. 2
FAP 301	3HBR-2	WINNEBAGO	171	34	34 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT			

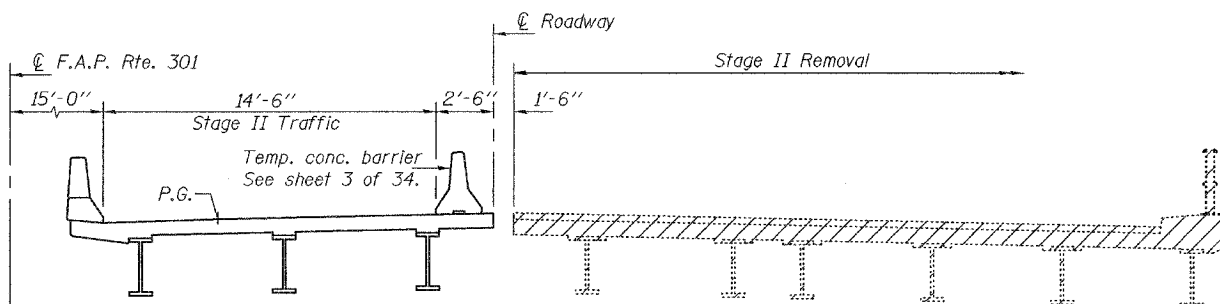
Contract No. 64292



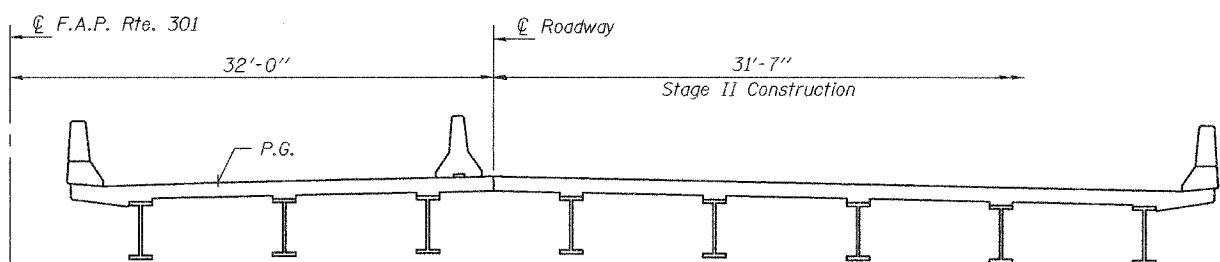
STAGE I REMOVAL



STAGE I CONSTRUCTION

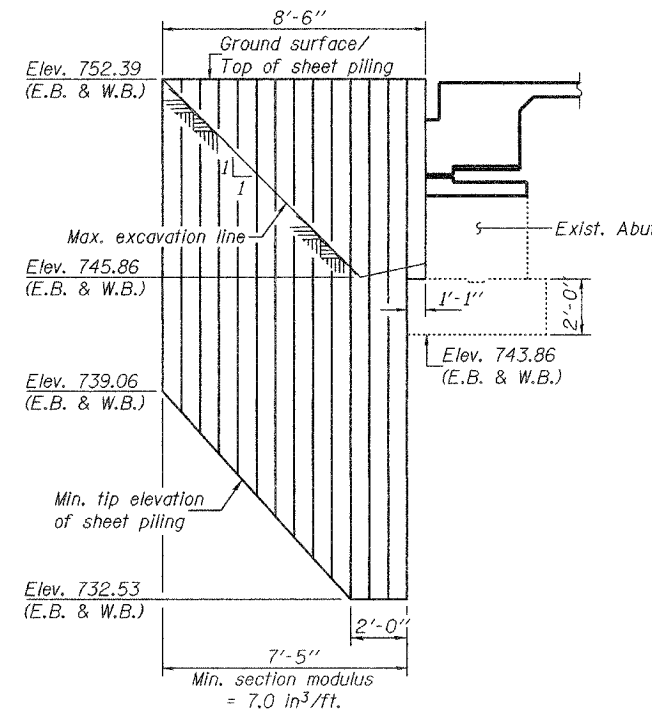


STAGE II REMOVAL

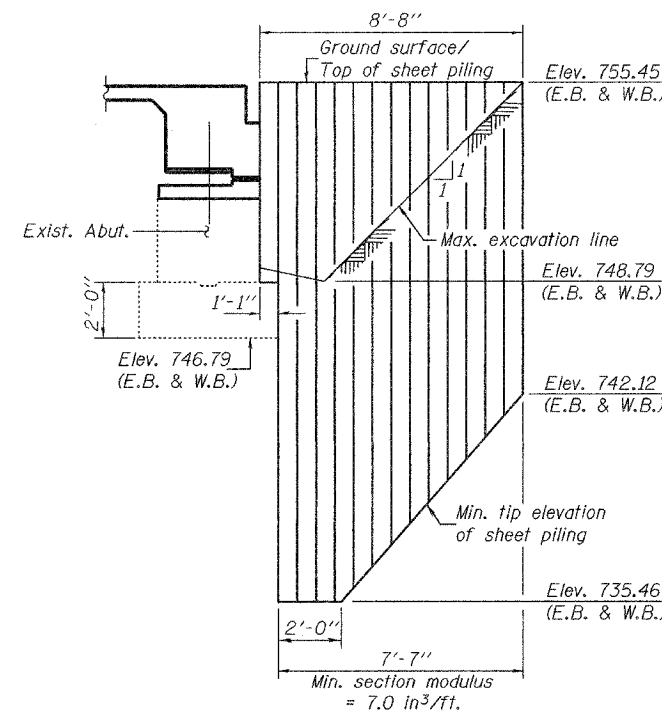


STAGE II CONSTRUCTION

Notes: Hatched areas indicate removal of existing superstructures.  
For quantity of temporary concrete barrier, see Roadway Plans.  
All cross sections are looking east for East Bound structure and looking west for West Bound structure.



TEMPORARY SHEET PILING  
AT WEST ABUTS. (E.B. & W.B.)



TEMPORARY SHEET PILING  
AT EAST ABUTS. (E.B. & W.B.)

If the Contractor chooses to alter the temporary cantilevered sheet piling design requirements shown on the plans, a design submittal including plan details and calculations will be required for review and acceptance by the Engineer.  
The Contractor shall connect the first sheet to the existing abutment wall to ensure stability of sheets driven to the top of the existing footing. This connection shall be reviewed and accepted by the Engineer and included in the cost for Temporary Sheet Piling.

GENERAL NOTES

Fasteners shall be AASHTO M164 Type 1, mechanically galvanized bolts.  
Bolts 7/8"  $\phi$ , holes 15/16"  $\phi$ , unless otherwise noted.  
Calculated weight of Structural Steel = 504,840 lbs. (AASHTO M270 Gr. 50) = 40,810 lbs. (AASHTO M270 Gr. 36)  
No field welding is permitted except as specified in the contract documents.  
Reinforcement bars shall conform to the requirements of ASTM A 706 Gr. 60 (IL Modified). See Special Provisions.  
Reinforcement bars designated (E) shall be epoxy coated.  
Plan dimensions and details relative to existing plans are subject to routine variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished based upon the unit price bid for the work.  
Bearing seat surfaces shall be constructed or adjusted to their designated elevations within a tolerance of 1/8 inch (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.  
The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.  
The Inorganic Zinc Rich Primer / Acrylic / Acrylic Paint System shall be used for shop and field painting of new structural steel except where otherwise noted. The color of the final finish coat for all interior steel surfaces shall be gray, Munsell No. 5B 7/1. The color of the final finish coat for the exterior and bottom flange of the fascia beams shall be Blue, Munsell No. 10B 3/6. See Special Provision for "Cleaning and Painting New Metal Structures".

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Porous Granular Embankment (Special)	Cu. Yd.		227	227
Removal of Existing Superstructures	Each	2		2
Concrete Removal	Cu. Yd.		63.2	63.2
Structure Excavation	Cu. Yd.		270.9	270.9
Concrete Structures	Cu. Yd.		78.5	78.5
Concrete Superstructure	Cu. Yd.	720.0		720.0
Bridge Deck Grooving	Sq. Yd.	2325		2325
Protective Coat	Sq. Yd.	2820		2820
Elastomeric Bearing Assembly, Type I	Each		32	32
Elastomeric Bearing Assembly, Type II	Each		32	32
Anchor Bolt 1"	Each		128	128
Anchor Bolt 1/2"	Each		32	32
Furnishing and Erecting Structural Steel	L. Sum	1		1
Stud Shear Connectors	Each	12672		12672
Reinforcement Bars, Epoxy Coated	Pound	177180	15330	192510
Temporary Sheet Piling	Sq. Ft.		554	554
Name Plates	Each	2		2
Bar Splicers	Each	1650	92	1742
Geocomposite Wall Drain	Sq. Yd.		162.6	162.6
Pipe Underdrains for Structures, 4"	Foot		309	309
Protective Shield	Sq. Yd.	1480		1480

STAGE CONSTRUCTION DETAILS  
& GENERAL DATA

F.A.P. RTE. 301 - SEC. 3HBR-2  
WINNEBAGO COUNTY  
STATION 993+43.82  
STRUCTURE NO. 101-0065 (E.B.)  
STRUCTURE NO. 101-0066 (W.B.)

DESIGNED	Stephen M. Ryan
CHECKED	Fess Teklehaiमत
DRAWN	h.t. duong
CHECKED	SMR/FT

APR 25 2008  
EXAMINED *Thomas J. Romagosa*  
PASSED *Ronald E. Anderson*

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

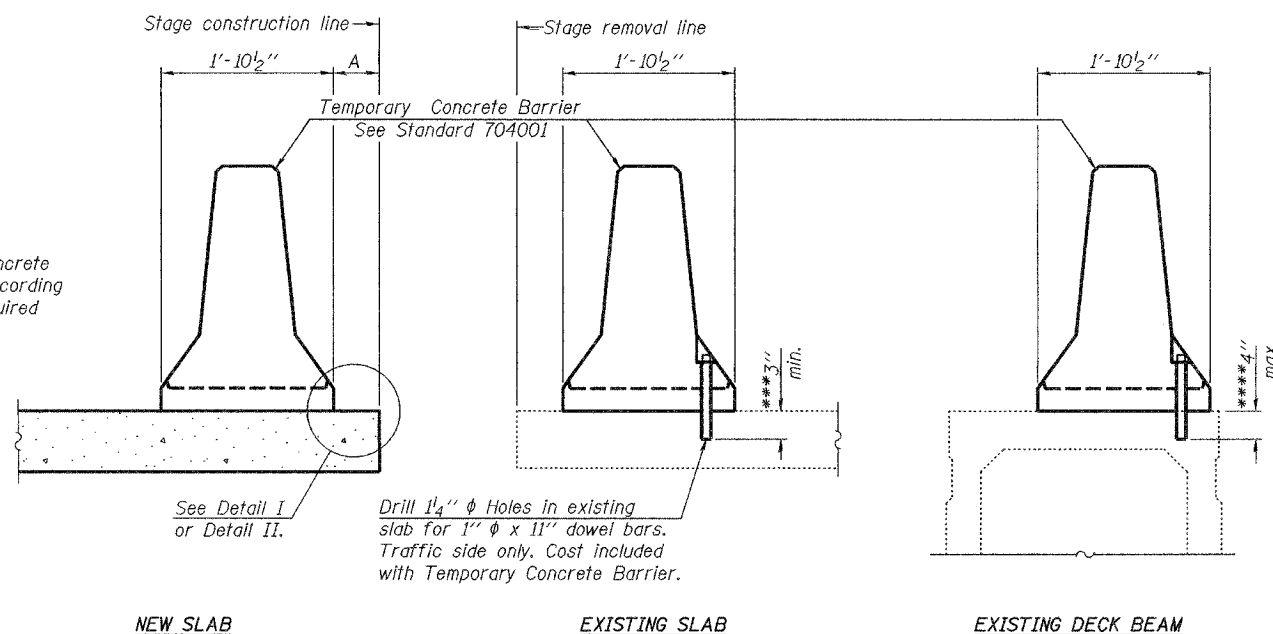
ROUTE NO.	SECTION	COUNTY	DATE SHEETS	SHEET NO.
FAP 301	3HBR-2	WINNEBAGO	171	89
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SHEET NO. 3

34 SHEETS

Contract No. 64292

When "A" is 3'-6" or less, the temporary concrete barrier shall be anchored to the new slab according to Detail I or Detail II. No anchorage is required when "A" is greater than 3'-6".



**NOTES**

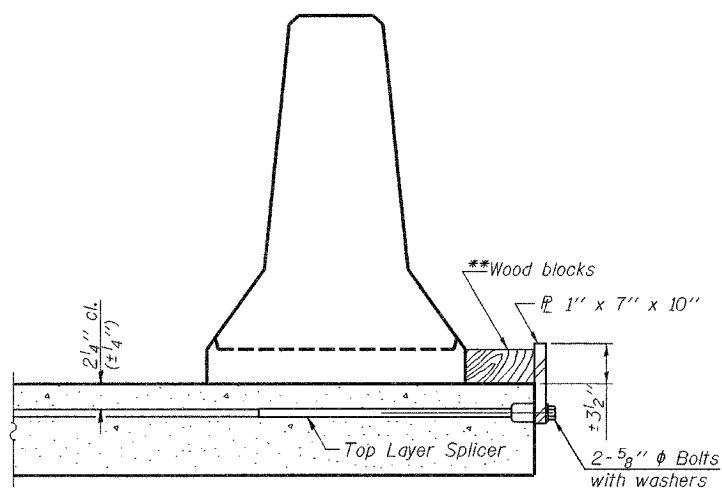
**Detail I - With Bar Splicer or Couplers:**  
Connect one (1) 1"x7"x10" steel PL to the top layer of couplers with 2-5/8" phi bolts screwed to coupler at approximate C of each barrier panel.

**Detail II - With Extended Reinforcement Bars:**  
Connect one (1) 1"x7"x10" steel PL to the concrete slab or concrete wearing surface with 2-5/8" phi Expansion Anchors or cast in place inserts spaced between the top layer of reinforcement at approximate C of each barrier panel.

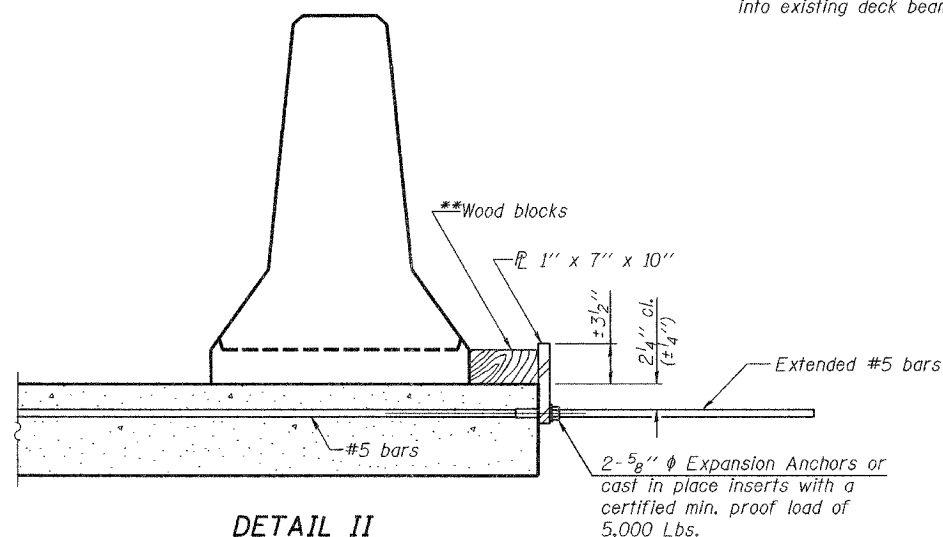
Cost of anchorage is included with Temporary Concrete Barrier.  
The 1" x 7" x 10" plate shall not be removed until stage II construction forms and all reinforcement bars are in place and the concrete is ready to be placed.

**SECTIONS THRU SLAB OR DECK BEAM**

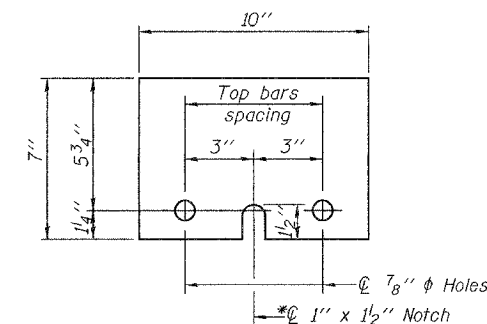
\*\*\*Dimension shown is minimum required embedment into concrete.  
If hot-mix asphalt wearing surface is present, minimum embedment shall be in addition to wearing surface depth.  
\*\*\*If existing deck beam is to remain in place after stage construction, embedment shall only be into wearing surface and not into existing deck beam concrete.



**DETAIL I**



**DETAIL II**



**STEEL RETAINER PLATE 1" x 7" x 10"**

\* Required only with Detail II

\*\*Wood blocks may be omitted when required to provide minimum stage traffic lane width. When the wood blocks are omitted, the concrete barrier shall be in direct contact with the steel retainer plate.

DESIGNED	Stephen M. Ryan
CHECKED	Fess Teklehaimanot
DRAWN	h.f. duong
CHECKED	SMR/FT

EXAMINED	Thomas J. Domagala ENGINEER OF BRIDGES AND STRUCTURES
PASSED	Ralph E. Anderson ENGINEER OF BRIDGES AND STRUCTURES

R-27

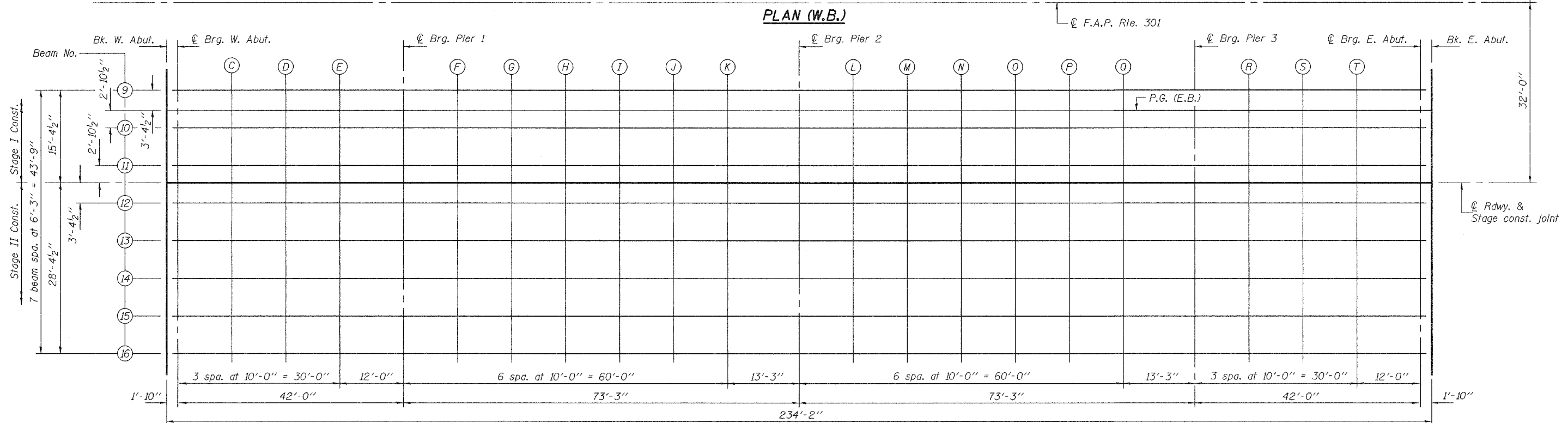
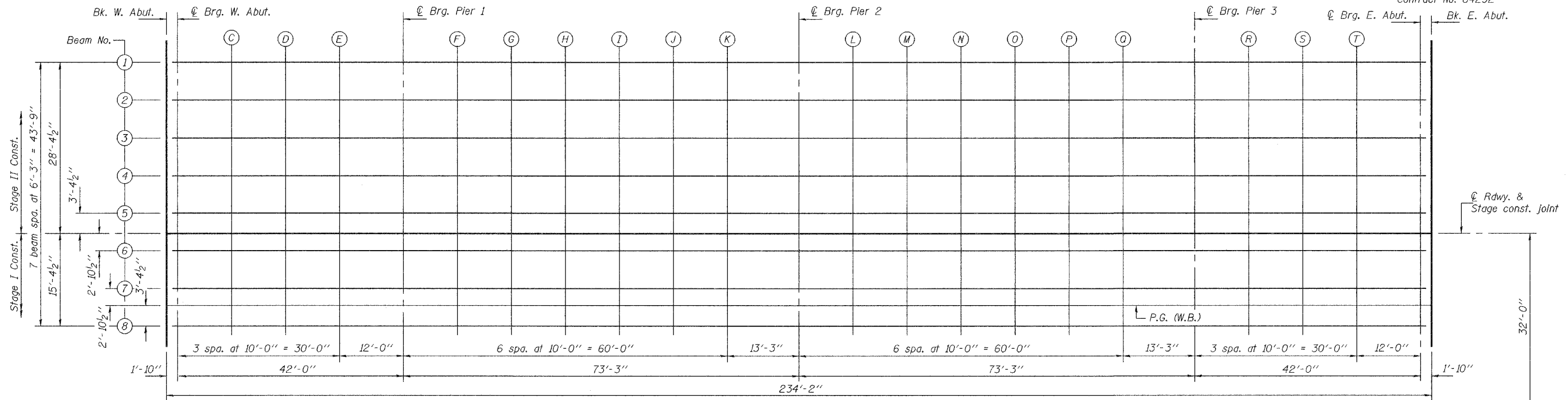
9-3-07

**TEMPORARY CONCRETE BARRIER  
FOR STAGE CONSTRUCTION  
F.A.P. RTE. 301 - SEC. 3HBR-2  
WINNEBAGO COUNTY  
STATION 993+43.82  
STRUCTURE NO. 101-0065 (E.B.)  
STRUCTURE NO. 101-0066 (W.B.)**

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 301	3HBR-2	WINNEBAGO	171	90
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

Contract No. 64292



PLAN (E.B.)

TOP OF SLAB ELEVATIONS (E.B. & W.B.)

F.A.P. RTE. 301 - SEC. 3HBR-2

WINNEBAGO COUNTY

STATION 993+43.82

STRUCTURE NO. 101-0065 (E.B.)

STRUCTURE NO. 101-0066 (W.B.)

DESIGNED	Stephen M. Ryan
CHECKED	Fess Teklehaimanot
DRAWN	h.t. duong
CHECKED	SMR/FT

EXAMINED	Thomas J. Demagala ENGINEER OF BRIDGE DESIGN
PASSED	Ralph E. Anderson ENGINEER OF BRIDGES AND STRUCTURES

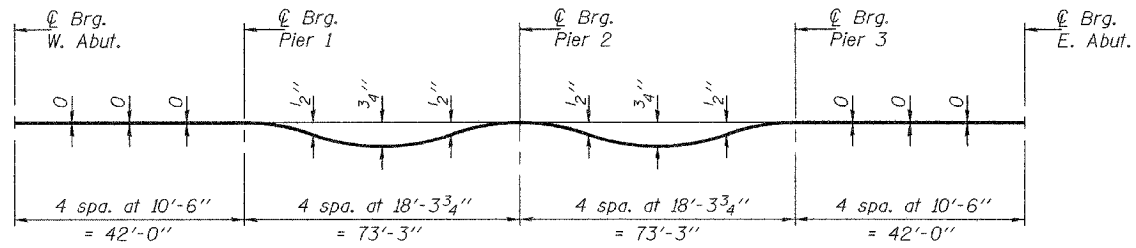
Apr. 25, 2008

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 301	3HBR-2	WINNEBAGO	171	91
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 5  
34 SHEETS

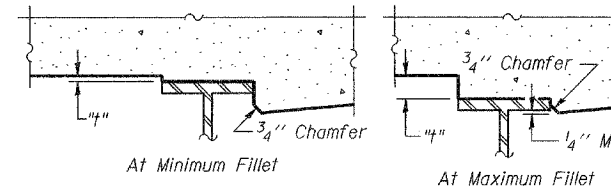
Contract No. 64292



**DEAD LOAD DEFLECTION DIAGRAM**

(Includes weight of concrete only.)

Note: The above deflections are not to be used in the field if the Engineer is working from the grade elevations adjusted for dead load deflections as shown below and on sheets 6 & 7 of 34.



To determine "t": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown on sheet 4 of 34. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown below and on sheets 6 & 7 of 34, minus slab thickness, equals the fillet heights "t" above top flange of beams.

**FILLET HEIGHTS**

**BEAM 1**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	99226.74	-28.38	751.86	751.86
☉ Brg. W. Abut	99228.57	-28.38	751.88	751.88
C	99238.57	-28.38	752.01	752.01
D	99248.57	-28.38	752.14	752.14
E	99258.57	-28.38	752.27	752.27
☉ Brg. Pier 1	99270.57	-28.38	752.42	752.42
F	99280.57	-28.38	752.55	752.57
G	99290.57	-28.38	752.68	752.72
H	99300.57	-28.38	752.81	752.86
I	99310.57	-28.38	752.94	753.00
J	99320.57	-28.38	753.07	753.12
K	99330.57	-28.38	753.20	753.23
☉ Brg. Pier 2	99343.82	-28.38	753.37	753.37
L	99353.82	-28.38	753.50	753.52
M	99363.82	-28.38	753.63	753.67
N	99373.82	-28.38	753.75	753.81
O	99383.82	-28.38	753.88	753.94
P	99393.82	-28.38	754.01	754.06
Q	99403.82	-28.38	754.14	754.17
☉ Brg. Pier 3	99417.07	-28.38	754.31	754.31
R	99427.07	-28.38	754.44	754.44
S	99437.07	-28.38	754.57	754.57
T	99447.07	-28.38	754.70	754.70
☉ Brg. E. Abut	99459.07	-28.38	754.85	754.85
Bk. E. Abut.	99460.90	-28.38	754.88	754.88

**BEAM 2**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	99226.74	-22.13	751.99	751.99
☉ Brg. W. Abut	99228.57	-22.13	752.01	752.01
C	99238.57	-22.13	752.14	752.14
D	99248.57	-22.13	752.27	752.27
E	99258.57	-22.13	752.40	752.40
☉ Brg. Pier 1	99270.57	-22.13	752.55	752.55
F	99280.57	-22.13	752.68	752.70
G	99290.57	-22.13	752.81	752.85
H	99300.57	-22.13	752.94	752.99
I	99310.57	-22.13	753.07	753.13
J	99320.57	-22.13	753.20	753.25
K	99330.57	-22.13	753.33	753.36
☉ Brg. Pier 2	99343.82	-22.13	753.50	753.50
L	99353.82	-22.13	753.63	753.65
M	99363.82	-22.13	753.76	753.80
N	99373.82	-22.13	753.88	753.94
O	99383.82	-22.13	754.01	754.07
P	99393.82	-22.13	754.14	754.19
Q	99403.82	-22.13	754.27	754.30
☉ Brg. Pier 3	99417.07	-22.13	754.44	754.44
R	99427.07	-22.13	754.57	754.57
S	99437.07	-22.13	754.70	754.70
T	99447.07	-22.13	754.83	754.83
☉ Brg. E. Abut	99459.07	-22.13	754.98	754.98
Bk. E. Abut.	99460.90	-22.13	755.01	755.01

**BEAM 3**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	99226.74	-15.88	752.12	752.12
☉ Brg. W. Abut	99228.57	-15.88	752.14	752.14
C	99238.57	-15.88	752.27	752.27
D	99248.57	-15.88	752.40	752.40
E	99258.57	-15.88	752.53	752.53
☉ Brg. Pier 1	99270.57	-15.88	752.68	752.68
F	99280.57	-15.88	752.81	752.83
G	99290.57	-15.88	752.94	752.98
H	99300.57	-15.88	753.07	753.12
I	99310.57	-15.88	753.20	753.26
J	99320.57	-15.88	753.33	753.38
K	99330.57	-15.88	753.46	753.49
☉ Brg. Pier 2	99343.82	-15.88	753.63	753.63
L	99353.82	-15.88	753.76	753.78
M	99363.82	-15.88	753.89	753.93
N	99373.82	-15.88	754.01	754.07
O	99383.82	-15.88	754.14	754.20
P	99393.82	-15.88	754.27	754.32
Q	99403.82	-15.88	754.40	754.43
☉ Brg. Pier 3	99417.07	-15.88	754.57	754.57
R	99427.07	-15.88	754.70	754.70
S	99437.07	-15.88	754.83	754.83
T	99447.07	-15.88	754.96	754.96
☉ Brg. E. Abut	99459.07	-15.88	755.11	755.11
Bk. E. Abut.	99460.90	-15.88	755.14	755.14

**BEAM 4**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	99226.74	-9.63	752.24	752.24
☉ Brg. W. Abut	99228.57	-9.63	752.26	752.26
C	99238.57	-9.63	752.39	752.39
D	99248.57	-9.63	752.52	752.52
E	99258.57	-9.63	752.65	752.64
☉ Brg. Pier 1	99270.57	-9.63	752.80	752.80
F	99280.57	-9.63	752.93	752.95
G	99290.57	-9.63	753.06	753.10
H	99300.57	-9.63	753.19	753.24
I	99310.57	-9.63	753.32	753.38
J	99320.57	-9.63	753.45	753.49
K	99330.57	-9.63	753.57	753.61
☉ Brg. Pier 2	99343.82	-9.63	753.75	753.75
L	99353.82	-9.63	753.87	753.90
M	99363.82	-9.63	754.00	754.05
N	99373.82	-9.63	754.13	754.19
O	99383.82	-9.63	754.26	754.32
P	99393.82	-9.63	754.39	754.43
Q	99403.82	-9.63	754.52	754.54
☉ Brg. Pier 3	99417.07	-9.63	754.69	754.69
R	99427.07	-9.63	754.82	754.82
S	99437.07	-9.63	754.95	754.95
T	99447.07	-9.63	755.08	755.08
☉ Brg. E. Abut	99459.07	-9.63	755.23	755.23
Bk. E. Abut.	99460.90	-9.63	755.26	755.26

DESIGNED	Stephen M. Ryan
CHECKED	Fess Teklehaimanot
DRAWN	h.t. duong
CHECKED	SMR/FT

APPROVED	Apr. 25, 2008
EXAMINED	Thomas J. Demagala
PASSED	Ralph E. Anderson

E-S 11-1-06

**TOP OF SLAB ELEVATIONS (W.B.)**  
**F.A.P. RTE. 301 - SEC. 3HBR-2**  
**WINNEBAGO COUNTY**  
**STATION 993+43.82**  
**STRUCTURE NO. 101-0065 (E.B.)**  
**STRUCTURE NO. 101-0066 (W.B.)**

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 6
FAP 301	3HBR-2	WINNEBAGO	171	92	34 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-			

Contract No. 64292

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	99226.74	-3.38	752.33	752.33
⊕ Brg. W. Abut	99228.57	-3.38	752.36	752.36
C	99238.57	-3.38	752.49	752.49
D	99248.57	-3.38	752.61	752.62
E	99258.57	-3.38	752.74	752.74
⊕ Brg. Pier 1	99270.57	-3.38	752.90	752.90
F	99280.57	-3.38	753.03	753.05
G	99290.57	-3.38	753.16	753.19
H	99300.57	-3.38	753.29	753.34
I	99310.57	-3.38	753.41	753.48
J	99320.57	-3.38	753.54	753.59
K	99330.57	-3.38	753.67	753.70
⊕ Brg. Pier 2	99343.82	-3.38	753.84	753.84
L	99353.82	-3.38	753.97	754.00
M	99363.82	-3.38	754.10	754.15
N	99373.82	-3.38	754.23	754.29
O	99383.82	-3.38	754.36	754.42
P	99393.82	-3.38	754.49	754.53
Q	99403.82	-3.38	754.62	754.64
⊕ Brg. Pier 3	99417.07	-3.38	754.79	754.79
R	99427.07	-3.38	754.92	754.91
S	99437.07	-3.38	755.05	755.05
T	99447.07	-3.38	755.18	755.18
⊕ Brg. E. Abut	99459.07	-3.38	755.33	755.33
Bk. E. Abut.	99460.90	-3.38	755.35	755.35

⊕ ROADWAY & STAGE CONSTRUCTION JOINT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	99226.74	0	752.39	752.39
⊕ Brg. W. Abut	99228.57	0	752.41	752.41
C	99238.57	0	752.54	752.54
D	99248.57	0	752.67	752.67
E	99258.57	0	752.80	752.79
⊕ Brg. Pier 1	99270.57	0	752.95	752.95
F	99280.57	0	753.08	753.10
G	99290.57	0	753.21	753.25
H	99300.57	0	753.34	753.39
I	99310.57	0	753.47	753.53
J	99320.57	0	753.60	753.65
K	99330.57	0	753.72	753.76
⊕ Brg. Pier 2	99343.82	0	753.90	753.90
L	99353.82	0	754.02	754.05
M	99363.82	0	754.15	754.20
N	99373.82	0	754.28	754.34
O	99383.82	0	754.41	754.47
P	99393.82	0	754.54	754.58
Q	99403.82	0	754.67	754.70
⊕ Brg. Pier 3	99417.07	0	754.84	754.84
R	99427.07	0	754.97	754.97
S	99437.07	0	755.10	755.10
T	99447.07	0	755.23	755.23
⊕ Brg. E. Abut	99459.07	0	755.38	755.38
Bk. E. Abut.	99460.90	0	755.41	755.41

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	99226.74	2.88	752.34	752.34
⊕ Brg. W. Abut	99228.57	2.88	752.36	752.36
C	99238.57	2.88	752.49	752.50
D	99248.57	2.88	752.62	752.62
E	99258.57	2.88	752.75	752.75
⊕ Brg. Pier 1	99270.57	2.88	752.91	752.91
F	99280.57	2.88	753.04	753.05
G	99290.57	2.88	753.16	753.20
H	99300.57	2.88	753.29	753.35
I	99310.57	2.88	753.42	753.48
J	99320.57	2.88	753.55	753.60
K	99330.57	2.88	753.68	753.71
⊕ Brg. Pier 2	99343.82	2.88	753.85	753.85
L	99353.82	2.88	753.98	754.00
M	99363.82	2.88	754.11	754.15
N	99373.82	2.88	754.24	754.30
O	99383.82	2.88	754.37	754.43
P	99393.82	2.88	754.50	754.54
Q	99403.82	2.88	754.62	754.65
⊕ Brg. Pier 3	99417.07	2.88	754.80	754.80
R	99427.07	2.88	754.92	754.92
S	99437.07	2.88	755.05	755.06
T	99447.07	2.88	755.18	755.19
⊕ Brg. E. Abut	99459.07	2.88	755.34	755.34
Bk. E. Abut.	99460.90	2.88	755.36	755.36

DESIGNED	Stephen M. Ryan
CHECKED	Fess Tektelaimanot
DRAWN	h.t. duong
CHECKED	SMR/FT

Apr. 25, 2008  
 EXAMINED *Thomas J. Donagale*  
 ENGINEER OF BRIDGES AND STRUCTURES  
 PASSED *Ralph E. Anderson*  
 ENGINEER OF BRIDGES AND STRUCTURES

TOP OF SLAB ELEVATIONS (W.B.)  
F.A.P. RTE. 301 - SEC. 3HBR-2  
WINNEBAGO COUNTY  
STATION 993+43.82  
STRUCTURE NO. 101-0065 (E.B.)  
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 7
FAP 301	3HBR-2	WINNEBAGO	171	93	34 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-			

Contract No. 64292

**BEAM 7**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	99226.74	9.13	752.24	752.24
☉ Brg. W. Abut	99228.57	9.13	752.27	752.27
C	99238.57	9.13	752.40	752.40
D	99248.57	9.13	752.52	752.53
E	99258.57	9.13	752.65	752.65
☉ Brg. Pier 1	99270.57	9.13	752.81	752.81
F	99280.57	9.13	752.94	752.96
G	99290.57	9.13	753.07	753.10
H	99300.57	9.13	753.20	753.25
I	99310.57	9.13	753.32	753.39
J	99320.57	9.13	753.45	753.50
K	99330.57	9.13	753.58	753.61
☉ Brg. Pier 2	99343.82	9.13	753.75	753.75
L	99353.82	9.13	753.88	753.91
M	99363.82	9.13	754.01	754.06
N	99373.82	9.13	754.14	754.20
O	99383.82	9.13	754.27	754.33
P	99393.82	9.13	754.40	754.44
Q	99403.82	9.13	754.53	754.55
☉ Brg. Pier 3	99417.07	9.13	754.70	754.70
R	99427.07	9.13	754.83	754.82
S	99437.07	9.13	754.96	754.96
T	99447.07	9.13	755.09	755.09
☉ Brg. E. Abut	99459.07	9.13	755.24	755.24
Bk. E. Abut.	99460.90	9.13	755.26	755.26

**PROFILE GRADE (W.B.)**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	99226.74	12.00	752.20	752.20
☉ Brg. W. Abut	99228.57	12.00	752.22	752.22
C	99238.57	12.00	752.35	752.35
D	99248.57	12.00	752.48	752.48
E	99258.57	12.00	752.61	752.61
☉ Brg. Pier 1	99270.57	12.00	752.76	752.76
F	99280.57	12.00	752.89	752.91
G	99290.57	12.00	753.02	753.06
H	99300.57	12.00	753.15	753.20
I	99310.57	12.00	753.28	753.34
J	99320.57	12.00	753.41	753.46
K	99330.57	12.00	753.54	753.57
☉ Brg. Pier 2	99343.82	12.00	753.71	753.71
L	99353.82	12.00	753.84	753.86
M	99363.82	12.00	753.97	754.01
N	99373.82	12.00	754.10	754.15
O	99383.82	12.00	754.22	754.28
P	99393.82	12.00	754.35	754.40
Q	99403.82	12.00	754.48	754.51
☉ Brg. Pier 3	99417.07	12.00	754.65	754.65
R	99427.07	12.00	754.78	754.78
S	99437.07	12.00	754.91	754.91
T	99447.07	12.00	755.04	755.04
☉ Brg. E. Abut	99459.07	12.00	755.20	755.20
Bk. E. Abut.	99460.90	12.00	755.22	755.22

**BEAM 8**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	99226.74	15.38	752.13	752.13
☉ Brg. W. Abut	99228.57	15.38	752.15	752.15
C	99238.57	15.38	752.28	752.28
D	99248.57	15.38	752.41	752.41
E	99258.57	15.38	752.54	752.54
☉ Brg. Pier 1	99270.57	15.38	752.69	752.69
F	99280.57	15.38	752.82	752.84
G	99290.57	15.38	752.95	752.99
H	99300.57	15.38	753.08	753.13
I	99310.57	15.38	753.21	753.27
J	99320.57	15.38	753.34	753.39
K	99330.57	15.38	753.47	753.50
☉ Brg. Pier 2	99343.82	15.38	753.64	753.64
L	99353.82	15.38	753.77	753.79
M	99363.82	15.38	753.90	753.94
N	99373.82	15.38	754.03	754.08
O	99383.82	15.38	754.15	754.21
P	99393.82	15.38	754.28	754.33
Q	99403.82	15.38	754.41	754.44
☉ Brg. Pier 3	99417.07	15.38	754.58	754.58
R	99427.07	15.38	754.71	754.71
S	99437.07	15.38	754.84	754.84
T	99447.07	15.38	754.97	754.97
☉ Brg. E. Abut	99459.07	15.38	755.13	755.13
Bk. E. Abut.	99460.90	15.38	755.15	755.15

DESIGNED	Stephen M. Ryan
CHECKED	Fess Teklehaimanot
DRAWN	h.t. duong
CHECKED	SMR/FT

Apr. 25, 2008  
 EXAMINED *Thomas J. Domagalak*  
 ENGINEER OF BRIDGE DESIGN  
 PASSED *Rolab E. Anderson*  
 ENGINEER OF BRIDGES AND STRUCTURES

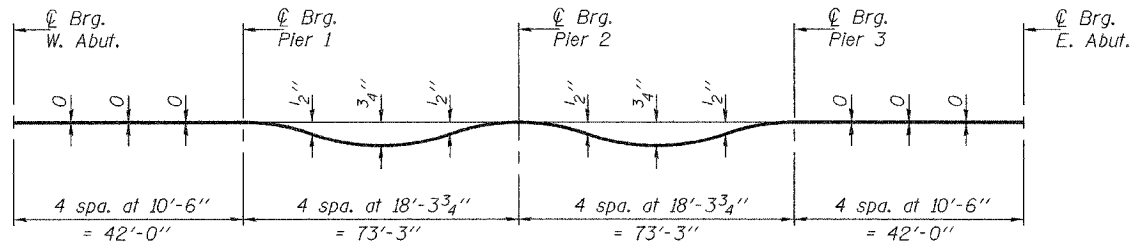
**TOP OF SLAB ELEVATIONS (W.B.)**  
**F.A.P. RTE. 301 - SEC. 3HBR-2**  
**WINNEBAGO COUNTY**  
**STATION 993+43.82**  
**STRUCTURE NO. 101-0065 (E.B.)**  
**STRUCTURE NO. 101-0066 (W.B.)**

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	STATE SHEET NO.	SHEET NO.
FAP 301	3HBR-2	WINNEBAGO	171	94
FED. ROAD DIST. NO. 7		ILLINOIS		FED. AID PROJECT-

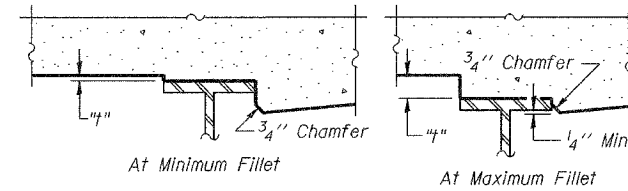
Contract No. 64292

SHEET NO. 8  
34 SHEETS



**DEAD LOAD DEFLECTION DIAGRAM**  
(Includes weight of concrete only.)

Note: The above deflections are not to be used in the field if the Engineer is working from the grade elevations adjusted for dead load deflections as shown below and on sheets 9 & 10 of 34.



To determine "t": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown on sheet 4 of 34. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown below and on sheets 9 & 10 of 34, minus slab thickness, equals the fillet heights "t" above top flange of beams.

**FILLET HEIGHTS**

**BEAM 9**

**PROFILE GRADE (E.B.)**

**BEAM 10**

**BEAM 11**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	99226.74	-15.38	752.08	752.08
☉ Brg. W. Abut	99228.57	-15.38	752.11	752.11
C	99238.57	-15.38	752.24	752.24
D	99248.57	-15.38	752.37	752.37
E	99258.57	-15.38	752.51	752.50
☉ Brg. Pier 1	99270.57	-15.38	752.67	752.67
F	99280.57	-15.38	752.80	752.82
G	99290.57	-15.38	752.93	752.97
H	99300.57	-15.38	753.06	753.12
I	99310.57	-15.38	753.20	753.26
J	99320.57	-15.38	753.33	753.38
K	99330.57	-15.38	753.46	753.49
☉ Brg. Pier 2	99343.82	-15.38	753.64	753.64
L	99353.82	-15.38	753.77	753.80
M	99363.82	-15.38	753.91	753.95
N	99373.82	-15.38	754.04	754.10
O	99383.82	-15.38	754.17	754.23
P	99393.82	-15.38	754.30	754.35
Q	99403.82	-15.38	754.44	754.46
☉ Brg. Pier 3	99417.07	-15.38	754.61	754.61
R	99427.07	-15.38	754.75	754.74
S	99437.07	-15.38	754.88	754.88
T	99447.07	-15.38	755.01	755.02
☉ Brg. E. Abut	99459.07	-15.38	755.17	755.17
Bk. E. Abut.	99460.90	-15.38	755.20	755.20

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	99226.74	-12.00	752.15	752.15
☉ Brg. W. Abut	99228.57	-12.00	752.18	752.18
C	99238.57	-12.00	752.31	752.31
D	99248.57	-12.00	752.44	752.44
E	99258.57	-12.00	752.58	752.57
☉ Brg. Pier 1	99270.57	-12.00	752.74	752.74
F	99280.57	-12.00	752.87	752.89
G	99290.57	-12.00	753.00	753.04
H	99300.57	-12.00	753.13	753.19
I	99310.57	-12.00	753.27	753.33
J	99320.57	-12.00	753.40	753.45
K	99330.57	-12.00	753.53	753.56
☉ Brg. Pier 2	99343.82	-12.00	753.71	753.71
L	99353.82	-12.00	753.84	753.87
M	99363.82	-12.00	753.98	754.02
N	99373.82	-12.00	754.11	754.17
O	99383.82	-12.00	754.24	754.30
P	99393.82	-12.00	754.37	754.42
Q	99403.82	-12.00	754.51	754.53
☉ Brg. Pier 3	99417.07	-12.00	754.68	754.68
R	99427.07	-12.00	754.82	754.81
S	99437.07	-12.00	754.95	754.95
T	99447.07	-12.00	755.08	755.09
☉ Brg. E. Abut	99459.07	-12.00	755.24	755.24
Bk. E. Abut.	99460.90	-12.00	755.27	755.27

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	99226.74	-9.13	752.20	752.20
☉ Brg. W. Abut	99228.57	-9.13	752.22	752.22
C	99238.57	-9.13	752.35	752.36
D	99248.57	-9.13	752.49	752.49
E	99258.57	-9.13	752.62	752.62
☉ Brg. Pier 1	99270.57	-9.13	752.78	752.78
F	99280.57	-9.13	752.91	752.93
G	99290.57	-9.13	753.05	753.08
H	99300.57	-9.13	753.18	753.23
I	99310.57	-9.13	753.31	753.37
J	99320.57	-9.13	753.45	753.49
K	99330.57	-9.13	753.58	753.61
☉ Brg. Pier 2	99343.82	-9.13	753.75	753.75
L	99353.82	-9.13	753.89	753.91
M	99363.82	-9.13	754.02	754.07
N	99373.82	-9.13	754.15	754.21
O	99383.82	-9.13	754.29	754.35
P	99393.82	-9.13	754.42	754.46
Q	99403.82	-9.13	754.55	754.58
☉ Brg. Pier 3	99417.07	-9.13	754.73	754.73
R	99427.07	-9.13	754.86	754.86
S	99437.07	-9.13	754.99	755.00
T	99447.07	-9.13	755.13	755.13
☉ Brg. E. Abut	99459.07	-9.13	755.29	755.29
Bk. E. Abut.	99460.90	-9.13	755.31	755.31

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	99226.74	-2.88	752.29	752.29
☉ Brg. W. Abut	99228.57	-2.88	752.32	752.32
C	99238.57	-2.88	752.45	752.46
D	99248.57	-2.88	752.59	752.59
E	99258.57	-2.88	752.72	752.72
☉ Brg. Pier 1	99270.57	-2.88	752.88	752.88
F	99280.57	-2.88	753.01	753.03
G	99290.57	-2.88	753.14	753.18
H	99300.57	-2.88	753.28	753.33
I	99310.57	-2.88	753.41	753.47
J	99320.57	-2.88	753.54	753.59
K	99330.57	-2.88	753.68	753.71
☉ Brg. Pier 2	99343.82	-2.88	753.85	753.85
L	99353.82	-2.88	753.98	754.01
M	99363.82	-2.88	754.12	754.16
N	99373.82	-2.88	754.25	754.31
O	99383.82	-2.88	754.38	754.44
P	99393.82	-2.88	754.52	754.56
Q	99403.82	-2.88	754.65	754.68
☉ Brg. Pier 3	99417.07	-2.88	754.83	754.83
R	99427.07	-2.88	754.96	754.96
S	99437.07	-2.88	755.09	755.09
T	99447.07	-2.88	755.23	755.23
☉ Brg. E. Abut	99459.07	-2.88	755.38	755.38
Bk. E. Abut.	99460.90	-2.88	755.41	755.41

DESIGNED	Stephen M. Ryan	APPROVED	Apr. 25, 2008
CHECKED	Fess Teklehamanot	EXAMINED	Thomas J. Damagala
DRAWN	h.t. duong	PASSED	Ralph E. Anderson
CHECKED	SMR/FT		

**TOP OF SLAB ELEVATIONS (E.B.)**  
**F.A.P. RTE. 301 - SEC. 3HBR-2**  
**WINNEBAGO COUNTY**  
**STATION 993+43.82**  
**STRUCTURE NO. 101-0065 (E.B.)**  
**STRUCTURE NO. 101-0066 (W.B.)**



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 9
FAP 301	3HBR-2	WINNEBAGO	171	95	34 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT			

Contract No. 64292

☉ ROADWAY & STAGE CONSTRUCTION JOINT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	99226.74	0	752.34	752.34
☉ Brg. W. Abut	99228.57	0	752.36	752.36
C	99238.57	0	752.50	752.50
D	99248.57	0	752.63	752.63
E	99258.57	0	752.76	752.76
☉ Brg. Pier 1	99270.57	0	752.92	752.92
F	99280.57	0	753.06	753.07
G	99290.57	0	753.19	753.23
H	99300.57	0	753.32	753.38
I	99310.57	0	753.45	753.52
J	99320.57	0	753.59	753.64
K	99330.57	0	753.72	753.75
☉ Brg. Pier 2	99343.82	0	753.90	753.90
L	99353.82	0	754.03	754.05
M	99363.82	0	754.16	754.21
N	99373.82	0	754.30	754.35
O	99383.82	0	754.43	754.49
P	99393.82	0	754.56	754.60
Q	99403.82	0	754.69	754.72
☉ Brg. Pier 3	99417.07	0	754.87	754.87
R	99427.07	0	755.00	755.00
S	99437.07	0	755.14	755.14
T	99447.07	0	755.27	755.27
☉ Brg. E. Abut	99459.07	0	755.43	755.43
Bk. E. Abut.	99460.90	0	755.45	755.45

BEAM 12

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	99226.74	3.38	752.29	752.29
☉ Brg. W. Abut	99228.57	3.38	752.31	752.31
C	99238.57	3.38	752.44	752.45
D	99248.57	3.38	752.58	752.58
E	99258.57	3.38	752.71	752.71
☉ Brg. Pier 1	99270.57	3.38	752.87	752.87
F	99280.57	3.38	753.00	753.02
G	99290.57	3.38	753.14	753.17
H	99300.57	3.38	753.27	753.32
I	99310.57	3.38	753.40	753.46
J	99320.57	3.38	753.53	753.58
K	99330.57	3.38	753.67	753.70
☉ Brg. Pier 2	99343.82	3.38	753.84	753.84
L	99353.82	3.38	753.98	754.00
M	99363.82	3.38	754.11	754.16
N	99373.82	3.38	754.24	754.30
O	99383.82	3.38	754.38	754.44
P	99393.82	3.38	754.51	754.55
Q	99403.82	3.38	754.64	754.67
☉ Brg. Pier 3	99417.07	3.38	754.82	754.82
R	99427.07	3.38	754.95	754.95
S	99437.07	3.38	755.08	755.09
T	99447.07	3.38	755.22	755.22
☉ Brg. E. Abut	99459.07	3.38	755.38	755.38
Bk. E. Abut.	99460.90	3.38	755.40	755.40

BEAM 13

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	99226.74	9.63	752.19	752.19
☉ Brg. W. Abut	99228.57	9.63	752.21	752.21
C	99238.57	9.63	752.35	752.35
D	99248.57	9.63	752.48	752.48
E	99258.57	9.63	752.61	752.61
☉ Brg. Pier 1	99270.57	9.63	752.77	752.77
F	99280.57	9.63	752.91	752.92
G	99290.57	9.63	753.04	753.08
H	99300.57	9.63	753.17	753.23
I	99310.57	9.63	753.30	753.37
J	99320.57	9.63	753.44	753.49
K	99330.57	9.63	753.57	753.60
☉ Brg. Pier 2	99343.82	9.63	753.75	753.75
L	99353.82	9.63	753.88	753.90
M	99363.82	9.63	754.01	754.06
N	99373.82	9.63	754.15	754.20
O	99383.82	9.63	754.28	754.34
P	99393.82	9.63	754.41	754.45
Q	99403.82	9.63	754.54	754.57
☉ Brg. Pier 3	99417.07	9.63	754.72	754.72
R	99427.07	9.63	754.85	754.85
S	99437.07	9.63	754.99	754.99
T	99447.07	9.63	755.12	755.12
☉ Brg. E. Abut	99459.07	9.63	755.28	755.28
Bk. E. Abut.	99460.90	9.63	755.30	755.30

DESIGNED	Stephen M. Ryan
CHECKED	Fess Teklehaimanot
DRAWN	h.t. duong
CHECKED	SMR/FT

Apr. 25, 2008  
 EXAMINED *Thomas J. Demagala*  
 ENGINEER OF BRIDGE DESIGN  
 PASSED *Ralph E. Anderson*  
 ENGINEER OF BRIDGES AND STRUCTURES

TOP OF SLAB ELEVATIONS (E.B.)  
F.A.P. RTE. 301 - SEC. 3HBR-2  
WINNEBAGO COUNTY  
STATION 993+43.82  
STRUCTURE NO. 101-0065 (E.B.)  
STRUCTURE NO. 101-0066 (W.B.)

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 10 34 SHEETS
FAP 301	3HBR-2	WINNEBAGO	171	96	
FED. ROAD DIST. NO. 7	ELLINGS	FED. AID PROJECT-			

Contract No. 64292

**BEAM 14**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	99226.74	15.88	752.07	752.07
☉ Brg. W. Abut	99228.57	15.88	752.10	752.10
C	99238.57	15.88	752.23	752.23
D	99248.57	15.88	752.36	752.36
E	99258.57	15.88	752.50	752.49
☉ Brg. Pier 1	99270.57	15.88	752.65	752.65
F	99280.57	15.88	752.79	752.81
G	99290.57	15.88	752.92	752.96
H	99300.57	15.88	753.05	753.11
I	99310.57	15.88	753.19	753.25
J	99320.57	15.88	753.32	753.37
K	99330.57	15.88	753.45	753.48
☉ Brg. Pier 2	99343.82	15.88	753.63	753.63
L	99353.82	15.88	753.76	753.79
M	99363.82	15.88	753.90	753.94
N	99373.82	15.88	754.03	754.09
O	99383.82	15.88	754.16	754.22
P	99393.82	15.88	754.29	754.34
Q	99403.82	15.88	754.43	754.45
☉ Brg. Pier 3	99417.07	15.88	754.60	754.60
R	99427.07	15.88	754.74	754.73
S	99437.07	15.88	754.87	754.87
T	99447.07	15.88	755.00	755.01
☉ Brg. E. Abut	99459.07	15.88	755.16	755.16
Bk. E. Abut.	99460.90	15.88	755.19	755.19

**BEAM 15**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	99226.74	22.13	751.94	751.94
☉ Brg. W. Abut	99228.57	22.13	751.97	751.97
C	99238.57	22.13	752.10	752.10
D	99248.57	22.13	752.23	752.23
E	99258.57	22.13	752.37	752.36
☉ Brg. Pier 1	99270.57	22.13	752.52	752.52
F	99280.57	22.13	752.66	752.68
G	99290.57	22.13	752.79	752.83
H	99300.57	22.13	752.92	752.98
I	99310.57	22.13	753.06	753.12
J	99320.57	22.13	753.19	753.24
K	99330.57	22.13	753.32	753.35
☉ Brg. Pier 2	99343.82	22.13	753.50	753.50
L	99353.82	22.13	753.63	753.66
M	99363.82	22.13	753.77	753.81
N	99373.82	22.13	753.90	753.96
O	99383.82	22.13	754.03	754.09
P	99393.82	22.13	754.16	754.21
Q	99403.82	22.13	754.30	754.32
☉ Brg. Pier 3	99417.07	22.13	754.47	754.47
R	99427.07	22.13	754.61	754.60
S	99437.07	22.13	754.74	754.74
T	99447.07	22.13	754.87	754.88
☉ Brg. E. Abut	99459.07	22.13	755.03	755.03
Bk. E. Abut.	99460.90	22.13	755.06	755.06

**BEAM 16**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	99226.74	28.38	751.81	751.81
☉ Brg. W. Abut	99228.57	28.38	751.84	751.84
C	99238.57	28.38	751.97	751.97
D	99248.57	28.38	752.10	752.10
E	99258.57	28.38	752.24	752.23
☉ Brg. Pier 1	99270.57	28.38	752.39	752.39
F	99280.57	28.38	752.53	752.55
G	99290.57	28.38	752.66	752.70
H	99300.57	28.38	752.79	752.85
I	99310.57	28.38	752.93	752.99
J	99320.57	28.38	753.06	753.11
K	99330.57	28.38	753.19	753.22
☉ Brg. Pier 2	99343.82	28.38	753.37	753.37
L	99353.82	28.38	753.50	753.53
M	99363.82	28.38	753.64	753.68
N	99373.82	28.38	753.77	753.83
O	99383.82	28.38	753.90	753.96
P	99393.82	28.38	754.03	754.08
Q	99403.82	28.38	754.17	754.19
☉ Brg. Pier 3	99417.07	28.38	754.34	754.34
R	99427.07	28.38	754.48	754.47
S	99437.07	28.38	754.61	754.61
T	99447.07	28.38	754.74	754.75
☉ Brg. E. Abut	99459.07	28.38	754.90	754.90
Bk. E. Abut.	99460.90	28.38	754.93	754.93

DESIGNED	Stephen M. Ryan
CHECKED	Fess Teklehaymanot
DRAWN	h.t. duong
CHECKED	SMR/FT

EXAMINED	Thomas J. Damagala	Apr. 25, 2008
PASSED	Ralph E. Anderson	

TOP OF SLAB ELEVATIONS (E.B.)  
F.A.P. RTE. 301 - SEC. 3HBR-2  
WINNEBAGO COUNTY  
STATION 993+43.82  
STRUCTURE NO. 101-0065 (E.B.)  
STRUCTURE NO. 101-0066 (W.B.)

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	STATES	SHEET NO.	SHEET NO. 11 34 SHEETS
FAP 301	3HBR-2	WINNEBAGO	171	91	
FED. ROAD DIST. NO. 7		ILLINOIS		FED. AID PROJECT-	

Contract No. 64292

NORTH CURB LINE

Location	Station	Offset	Theoretical Grade Elevations
End W. Appr. Pav't.	99197.57	-30.42	751.44
A	99207.57	-30.42	751.57
B	99217.57	-30.42	751.70
Beg. of W. Appr. Pav't.	99227.57	-30.42	751.83

NORTH EDGE OF EXTERIOR TRAFFIC LANE

Location	Station	Offset	Theoretical Grade Elevations
End W. Appr. Pav't.	99197.57	-24.00	751.57
A	99207.57	-24.00	751.70
B	99217.57	-24.00	751.83
Beg. of W. Appr. Pav't.	99227.57	-24.00	751.96

NORTH EDGE OF INTERIOR TRAFFIC LANE

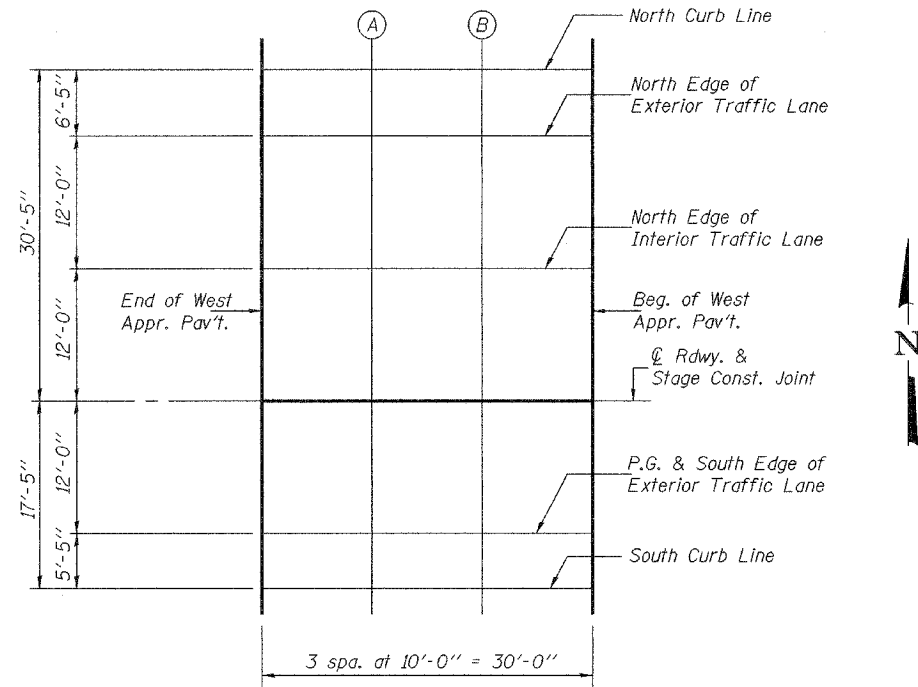
Location	Station	Offset	Theoretical Grade Elevations
End W. Appr. Pav't.	99197.57	-12.00	751.82
A	99207.57	-12.00	751.95
B	99217.57	-12.00	752.08
Beg. of W. Appr. Pav't.	99227.57	-12.00	752.21

☉ ROADWAY & STAGE CONSTRUCTION JOINT

Location	Station	Offset	Theoretical Grade Elevations
End W. Appr. Pav't.	99197.57	0.00	752.01
A	99207.57	0.00	752.14
B	99217.57	0.00	752.27
Beg. of W. Appr. Pav't.	99227.57	0.00	752.40

P.G. & SOUTH EDGE OF EXTERIOR TRAFFIC LANE

Location	Station	Offset	Theoretical Grade Elevations
End W. Appr. Pav't.	99197.57	12.00	751.82
A	99207.57	12.00	751.95
B	99217.57	12.00	752.08
Beg. of W. Appr. Pav't.	99227.57	12.00	752.21



**PLAN**  
West Approach (W.B.)

SOUTH CURB LINE

Location	Station	Offset	Theoretical Grade Elevations
End W. Appr. Pav't.	99197.57	17.42	751.71
A	99207.57	17.42	751.84
B	99217.57	17.42	751.97
Beg. of W. Appr. Pav't.	99227.57	17.42	752.10

DESIGNED	Stephen M. Ryan
CHECKED	Fess Teklehaimanot
DRAWN	h.t. duong
CHECKED	SMR/FT

EXAMINED	Thomas J. Domagala ENGINEER OF BRIDGE DESIGN
PASSED	Ralph E. Anderson ENGINEER OF BRIDGES AND STRUCTURES

Apr. 25, 2008

**TOP OF WEST APPROACH  
SLAB ELEVATIONS (W.B.)  
F.A.P. RTE. 301 - SEC. 3HBR-2  
WINNEBAGO COUNTY  
STATION 993+43.82  
STRUCTURE NO. 101-0065 (E.B.)  
STRUCTURE NO. 101-0066 (W.B.)**

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET NO.
FAP 301	3HBR-2	WINNEBAGO	171	98
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 12  
34 SHEETS

Contract No. 64292

**NORTH CURB LINE**

Location	Station	Offset	Theoretical Grade Elevations
Beg. of E. Appr. Pav't.	99460.07	-30.42	754.83
U	99470.07	-30.42	754.95
V	99480.07	-30.42	755.08
End E. Appr. Pav't.	99490.07	-30.42	755.21

**NORTH EDGE OF EXTERIOR TRAFFIC LANE**

Location	Station	Offset	Theoretical Grade Elevations
Beg. of E. Appr. Pav't.	99460.07	-24.00	754.96
U	99470.07	-24.00	755.09
V	99480.07	-24.00	755.22
End E. Appr. Pav't.	99490.07	-24.00	755.35

**NORTH EDGE OF INTERIOR TRAFFIC LANE**

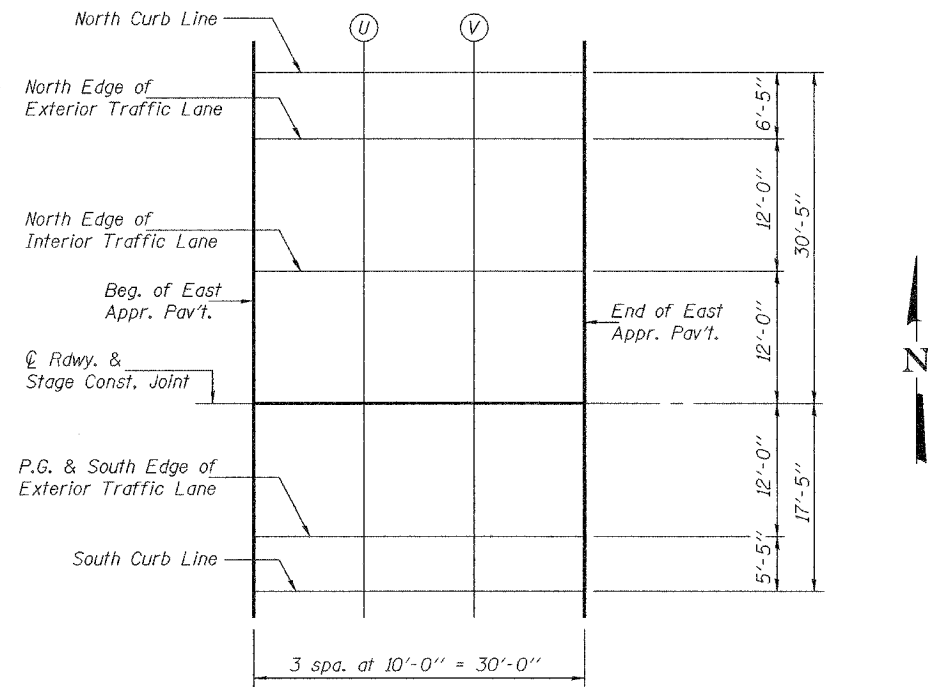
Location	Station	Offset	Theoretical Grade Elevations
Beg. of E. Appr. Pav't.	99460.07	-12.00	755.21
U	99470.07	-12.00	755.34
V	99480.07	-12.00	755.47
End E. Appr. Pav't.	99490.07	-12.00	755.60

**☉ ROADWAY & STAGE CONSTRUCTION JOINT**

Location	Station	Offset	Theoretical Grade Elevations
Beg. of E. Appr. Pav't.	99460.07	0.00	755.40
U	99470.07	0.00	755.52
V	99480.07	0.00	755.65
End E. Appr. Pav't.	99490.07	0.00	755.78

**P.G. & SOUTH EDGE OF EXTERIOR TRAFFIC LANE**

Location	Station	Offset	Theoretical Grade Elevations
Beg. of E. Appr. Pav't.	99460.07	12.00	755.21
U	99470.07	12.00	755.34
V	99480.07	12.00	755.47
End E. Appr. Pav't.	99490.07	12.00	755.60



**PLAN**  
East Approach (W.B.)

**SOUTH CURB LINE**

Location	Station	Offset	Theoretical Grade Elevations
Beg. of E. Appr. Pav't.	99460.07	17.42	755.10
U	99470.07	17.42	755.22
V	99480.07	17.42	755.35
End E. Appr. Pav't.	99490.07	17.42	755.48

DESIGNED	Stephen M. Ryan
CHECKED	Fess Teklehaimanot
DRAWN	h.t. duong
CHECKED	SMR/FT

EXAMINED	Thomas J. Domagala ENGINEER OF BRIDGES AND STRUCTURES
PASSED	Rolab E. Anderson ENGINEER OF BRIDGES AND STRUCTURES

Apr. 25, 2008

**TOP OF EAST APPROACH  
SLAB ELEVATIONS (W.B.)  
F.A.P. RTE. 301 - SEC. 3HBR-2  
WINNEBAGO COUNTY  
STATION 993+43.82  
STRUCTURE NO. 101-0065 (E.B.)  
STRUCTURE NO. 101-0066 (W.B.)**

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 301	3HBR-2	WINNEBAGO	171	99
FED. ROAD DIST. NO. 7	BILLINGS	FED. AID PROJECT-		

SHEET NO. 13  
34 SHEETS

Contract No. 64292

NORTH CURB LINE

Location	Station	Offset	Theoretical Grade Elevations
End W. Appr. Pav't.	99197.57	-17.42	751.65
A	99207.57	-17.42	751.78
B	99217.57	-17.42	751.92
Beg. of W. Appr. Pav't.	99227.57	-17.42	752.05

P.G. & NORTH EDGE OF EXTERIOR TRAFFIC LANE

Location	Station	Offset	Theoretical Grade Elevations
End W. Appr. Pav't.	99197.57	-12.00	751.76
A	99207.57	-12.00	751.90
B	99217.57	-12.00	752.03
Beg. of W. Appr. Pav't.	99227.57	-12.00	752.16

☉ ROADWAY & STAGE CONSTRUCTION JOINT

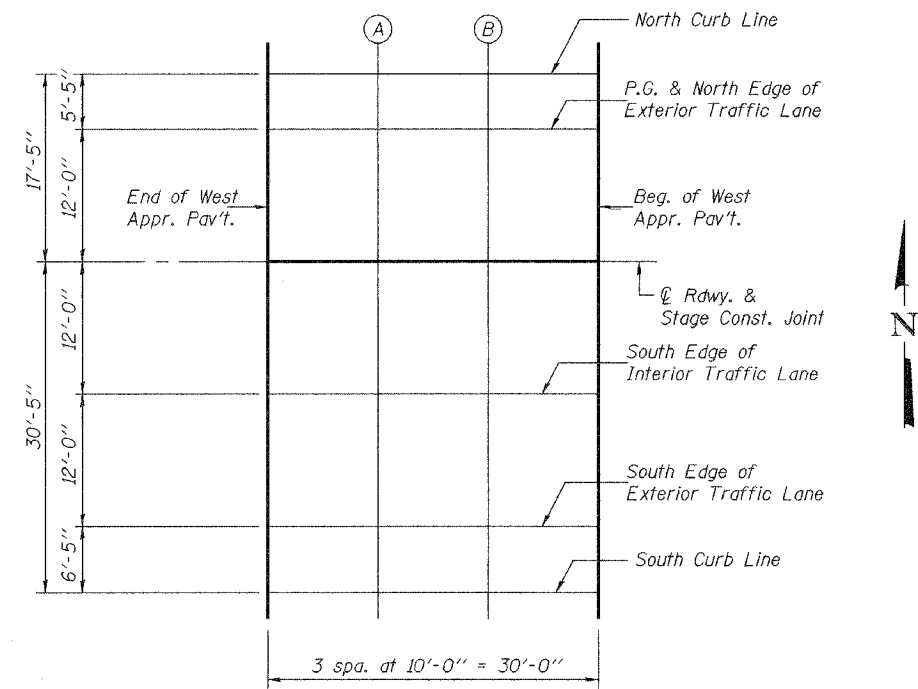
Location	Station	Offset	Theoretical Grade Elevations
End W. Appr. Pav't.	99197.57	0.00	751.95
A	99207.57	0.00	752.08
B	99217.57	0.00	752.22
Beg. of W. Appr. Pav't.	99227.57	0.00	752.35

SOUTH EDGE OF INTERIOR TRAFFIC LANE

Location	Station	Offset	Theoretical Grade Elevations
End W. Appr. Pav't.	99197.57	12.00	751.76
A	99207.57	12.00	751.90
B	99217.57	12.00	752.03
Beg. of W. Appr. Pav't.	99227.57	12.00	752.16

SOUTH EDGE OF EXTERIOR TRAFFIC LANE

Location	Station	Offset	Theoretical Grade Elevations
End W. Appr. Pav't.	99197.57	24.00	751.51
A	99207.57	24.00	751.65
B	99217.57	24.00	751.78
Beg. of W. Appr. Pav't.	99227.57	24.00	751.91



**PLAN**  
West Approach (E.B.)

DESIGNED	Stephen M. Ryan
CHECKED	Fess Teklehaimanot
DRAWN	h.t. duong
CHECKED	SMR/FT

EXAMINED	Thomas J. Domagala ENGINEER OF SOIL DESIGN
PASSED	Ralph E. Anderson ENGINEER OF BRIDGES AND STRUCTURES

Apr. 25, 2008

**TOP OF WEST APPROACH  
SLAB ELEVATIONS (E.B.)  
F.A.P. RTE. 301 - SEC. 3HBR-2  
WINNEBAGO COUNTY  
STATION 993+43.82  
STRUCTURE NO. 101-0065 (E.B.)  
STRUCTURE NO. 101-0066 (W.B.)**

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 301	3HBR-2	WINNEBAGO	171	100
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SHEET NO. 14  
34 SHEETS

Contract No. 64292

NORTH CURB LINE

Location	Station	Offset	Theoretical Grade Elevations
Beg. of E. Appr. Pav't.	99460.07	-17.42	755.14
U	99470.07	-17.42	755.28
V	99480.07	-17.42	755.41
End E. Appr. Pav't.	99490.07	-17.42	755.54

P.G. & NORTH EDGE OF EXTERIOR TRAFFIC LANE

Location	Station	Offset	Theoretical Grade Elevations
Beg. of E. Appr. Pav't.	99460.07	-12.00	755.26
U	99470.07	-12.00	755.39
V	99480.07	-12.00	755.52
End E. Appr. Pav't.	99490.07	-12.00	755.65

☉ ROADWAY & STAGE CONSTRUCTION JOINT

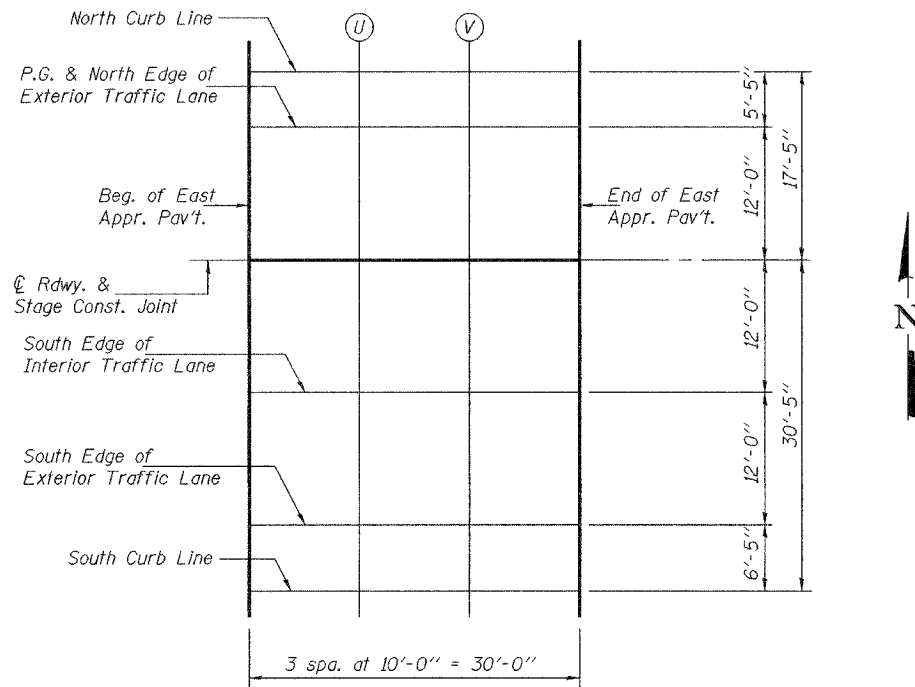
Location	Station	Offset	Theoretical Grade Elevations
Beg. of E. Appr. Pav't.	99460.07	0.00	755.44
U	99470.07	0.00	755.58
V	99480.07	0.00	755.71
End E. Appr. Pav't.	99490.07	0.00	755.84

SOUTH EDGE OF INTERIOR TRAFFIC LANE

Location	Station	Offset	Theoretical Grade Elevations
Beg. of E. Appr. Pav't.	99460.07	12.00	755.26
U	99470.07	12.00	755.39
V	99480.07	12.00	755.52
End E. Appr. Pav't.	99490.07	12.00	755.65

SOUTH EDGE OF EXTERIOR TRAFFIC LANE

Location	Station	Offset	Theoretical Grade Elevations
Beg. of E. Appr. Pav't.	99460.07	24.00	755.01
U	99470.07	24.00	755.14
V	99480.07	24.00	755.27
End E. Appr. Pav't.	99490.07	24.00	755.41



**PLAN**  
East Approach (E.B.)

SOUTH CURB LINE

Location	Station	Offset	Theoretical Grade Elevations
Beg. of E. Appr. Pav't.	99460.07	30.42	754.87
U	99470.07	30.42	755.01
V	99480.07	30.42	755.14
End E. Appr. Pav't.	99490.07	30.42	755.27

DESIGNED	Stephen M. Ryan
CHECKED	Fess Teklehaimanot
DRAWN	h.t. duong
CHECKED	SMR/FT

EXAMINED	Thomas J. Damagala ENGINEER OF BRIDGE DESIGN
PASSED	Rolab E. Anderson ENGINEER OF BRIDGES AND STRUCTURES

Apr. 25, 2008

**TOP OF EAST APPROACH  
SLAB ELEVATIONS (E.B.)  
F.A.P. RTE. 301 - SEC. 3HBR-2  
WINNEBAGO COUNTY  
STATION 993+43.82  
STRUCTURE NO. 101-0065 (E.B.)  
STRUCTURE NO. 101-0066 (W.B.)**