

066

03-08-2019 LETTING ITEM 066

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RT#	SECTION	COUNTIES	TOTAL SHEETS	SHEET NO.
303	(129,130)RS	BOONE & WINNEBAGO	105	7

•IL 173

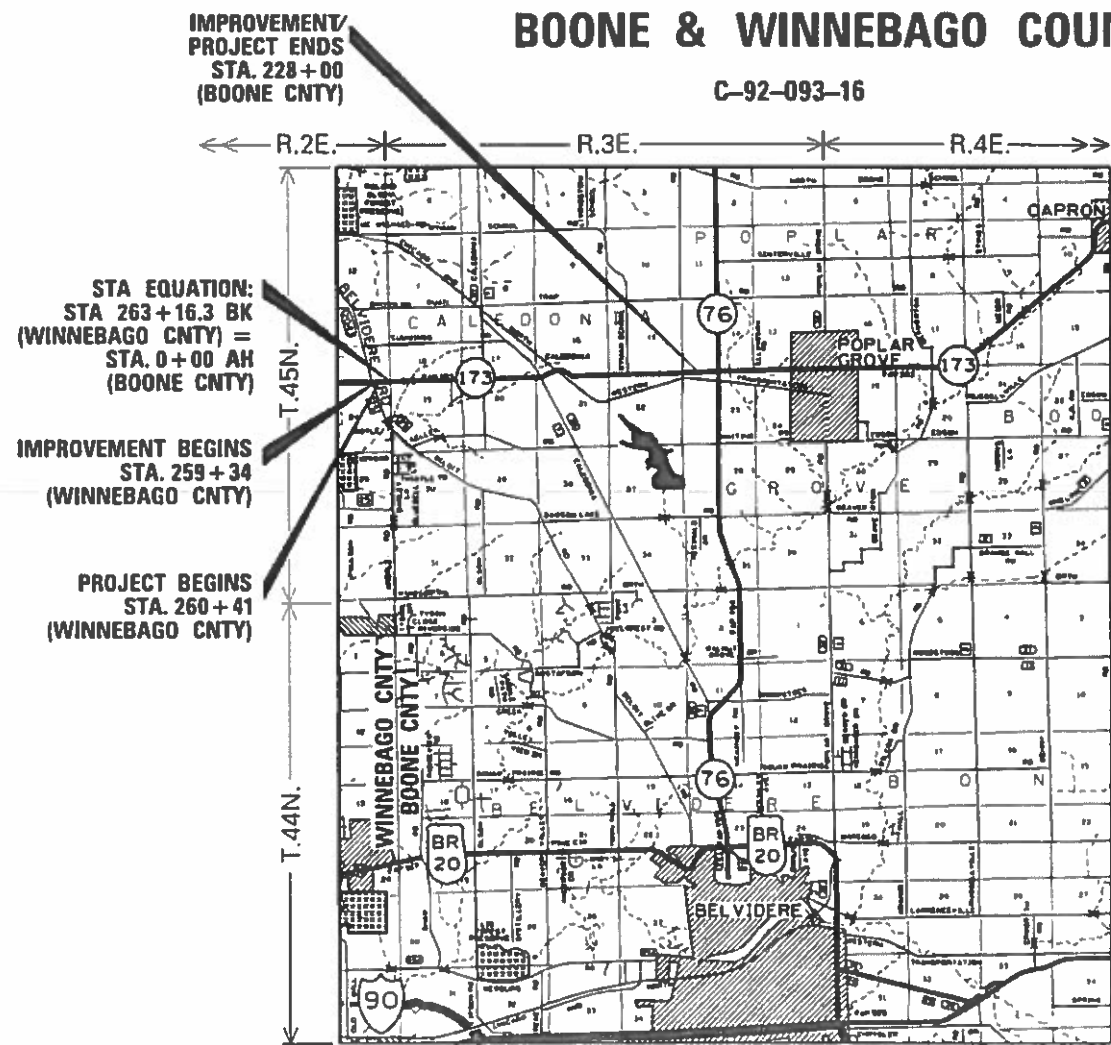
D-92-017-13

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

PROPOSED HIGHWAY PLANS

FAP ROUTE 303 (IL 173)
SECTION (129,130)RS
PROJECT NHPP-EWQ6(252)
3P/SPOT 3R PROJECT
BOONE & WINNEBAGO COUNTIES

C-92-093-16



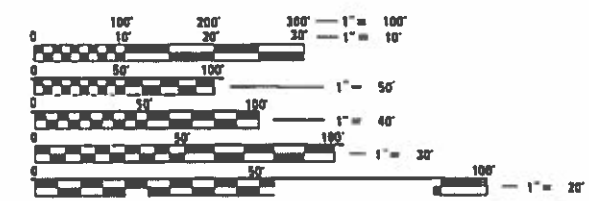
IMPROVEMENT/
PROJECT ENDS
STA. 228+00
(BOONE CNTY)

STA EQUATION:
STA 263+16.3 BK
(WINNEBAGO CNTY) =
STA. 0+00 AH
(BOONE CNTY)

IMPROVEMENT BEGINS
STA. 259+34
(WINNEBAGO CNTY)

PROJECT BEGINS
STA. 260+41
(WINNEBAGO CNTY)

WINNEBAGO CNTY - TOWNSHIP (SECTION):
HARLEM (13, 24)
BOONE CNTY - TOWNSHIP (SECTION):
CALEDONIA (15, 16, 17, 18, 19, 20, 21, 22)
POPLAR GROVE (14, 23)



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

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

PROJECT ENGINEER: MATHEW DOBIE
SENIOR SQUAD LEADER: CHAD SPREEMAN (815)284-5934

CONTRACT NO. 64J41

GROSS LENGTH = 23,182.3 FT. = 4.39 MILES
NET LENGTH = 23,182.3 FT. = 4.39 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 12-7-2018
[Signature]
REGIONAL ENGINEER

Feb 1 2019
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

Feb 20 2019
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

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FILE NAME =	USER NAME = Karkir	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS HIGHWAY STANDARDS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\11084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 2\Projects\64J1\Drawn Development\Studies & Plans\Drawn Development\CA\Sheets\02_64J41-sht-schedule.dgn	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			303	(129,130)RS	BOONE & WINNEBAGO	105	2	
Default	PLOT DATE = 12/6/2018	DATE -	REVISED -			CONTRACT NO. 64J41					
						SHEET	OF	SHEETS	STA.	TO	STA.

GENERAL NOTES

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

The removal of Bituminous Surfacing less than 6 inch thickness 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 or a thickness of 6 inches or more on a flexible 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 4 inches of soil in any right-of-way area disturbed by the Contractor must be capable of supporting vegetation. The soil must be from the A horizon (zero to 2' deep) of soil profiles of local soils. The cost of this work shall be included in the unit prices bid and no additional compensation will be allowed.

It is estimated that 215 cubic yards of earth will be hauled to the job from outside the project limits. A shrinkage factor of 25% has been used.

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

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

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

The existing hot-mix asphalt on private and commercial entrances shall be bladed off or milled and disposed of outside the project limits. This could be the entire entrance or tapered at the end depending on if the mainline is resurfaced or milled and resurfaced. The cost of the blading, milling, rolling, and disposal is included in the contract unit price for INCIDENTAL HOT-MIX ASPHALT SURFACING.

The drop off that occurs at entrance edges as a result of resurfacing of the entrance shall be corrected using aggregate shoulder material. This work shall be paid for by the TON for Aggregate Shoulders of the type specified in the plans.

Milling machines on this project shall be capable of removing a layer of bituminous a minimum 6' wide and 1½ inches in depth in a single pass.

The following Mixture Requirements are applicable for this project:

Location(s):	Surface	Level Binder	Shoulder		Bike Path - Surface
Mixture Use(s):	IL 173 & Caledonia Rd.	IL 173 & Caledonia Rd.	Top	Bottom	
PG:	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
Design Air Voids:	4.0 @ N70	4.0 @ N70	4.0 @ N50	3.0 @ N50	3.0 @ N50
Mixture Composition (Mixture Gradation):	IL 9.5	IL 9.5 FG	IL 9.5 or 9.5 FG	IL 19.0	IL 9.5 FG
Friction Aggregate:	D	N/A	C	N/A	N/A
Mixture Weight:	112 lb/sy/in	N/A	112 lb/sy/in	N/A	112 lb/sy/in
Quality Management Program:	QCP	QCP	QC/QA	QC/QA	QC/QA
Sublot Size:	1,000	1,000	N/A	N/A	N/A
Number of Roller Passes ¹⁾ :	N/A	N/A	N/A	N/A	N/A

- 1) When a number of roller passes is specified, the Contractor may opt to use intelligent compaction in lieu of density testing under the Quality Control for Performance (QCP) program.

The Contractor will be required to furnish 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 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.

The area to be tacked or primed shall be limited to that which can be covered with HMA on the next day's production, but no more than five days in advance of the placement of the HMA, unless approved by the Engineer.

Reflective Crack Control shall be placed on the existing surface prior to any resurfacing, unless pavement is milled then it will be placed on the binder course.

To help avoid excess drop offs at the edge of pavement, the existing aggregate wedge or shoulder is to be pulled up and rolled to match the edge of pavement before placing any bituminous material. All costs associated with pulling up the shoulders shall be considered included in the contract unit price per Ton for HOT-MIX ASPHALT SURFACE COURSE of the type specified.

All concrete in the area of the form liner textured surface shall be self-consolidating concrete meeting the requirements of Section 1020 of the Standard Specifications. This work shall be included in the cost of the concrete used and no additional compensation will be allowed.

The soils report and profiles are available at the District Office for Contractor's review.

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.

If, during the grinding or resurfacing operations, the existing mailboxes become a hindrance, the Contractor shall be required to carefully remove and reinstall the mailboxes as directed by the Engineer. This work shall be included in the contract unit price for the INCIDENTAL HOT-MIX ASPHALT SURFACING.

Rural minimum island area = 100 feet²
 Urban island area = usually 75 feet² but not less than 50 feet²
 (Island area includes the concrete median surface and the curb.)

FILE NAME = 64J41-0003.DOCX	USER NAME =	DESIGNED - Engineering Systems	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	FA	SECTION	COUNTY	TOTAL	SHEET	
	PLOT SCALE =	DRAWN -	REVISED -			303 (IL 173)	(129,130)RS	Boone & Winnebago	107	3	
	PLOT DATE = 12/20/2018 12:57 PM	CHECKED -	REVISED -			CONTRACT NO. 64J41					
	DATE = 12/20/2018 12:51 PM	REVISIONS				ILLINOIS	FED. AID PROJECT				

GENERAL NOTES

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

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.

The Contractor shall be responsible for collecting and maintaining an electronic log of all stakeout survey that is performed on the job, either by him/her or any sub-contractor performing the stakeout. Upon request, all logs shall be submitted to the Department. No additional compensation will be allowed for this work, but shall be considered included in the cost for CONSTRUCTION LAYOUT.

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

1. All words, such as ONLY, shall be 8 feet high.
2. All non-freeway arrows shall be the large size.
3. The distance between yellow no-passing lines shall be 8 inches, not 7 inches, as shown in the detail of Typical Lane and Edge Lines.
4. Centerline Skip Dash Pavement Marking on multi-lane divided, multi-lane undivided, and one-way roadway shall be according to District Standard 41.1.

PERMANENT SURVEY MARKERS, TYPE II, shall be set at intervals of 1 mile or as directed by the Engineer. Bridge or culvert projects shall have one survey marker placed near the structure. Estimated: 3 Each.

Permanent Survey Markers, Type II placed in urban areas should be placed in sidewalk areas. The marker shall be placed as shown on District Standard 66.2. The sidewalk shall be placed around the marker and flush with the top.

Permanent Survey Markers, Type II shall be cast-in-place as shown on District Standard 66.2, or another option would be to install a vaulted style, monumented as described by NGS as a 3D monument (Top Security Sleeve Rod Monument), with installation instructions provided by the District Chief of Surveys. If poured in place, the bottom of the marker shall be 5'-0" below the ground surface.

The Contractor shall submit to the Engineer a description of location, elevation, and coordinates for each permanent survey marker. The horizontal coordinates must be derived by GPS and the elevation derived using an electronic level. The meta data, such as the Geoid used, (NGS adjustment ie: 97 HARN, 03, 07), and the base point(s) name or number shall be submitted along with a complete collection log. If collected using RTK method, it will require either 3 collections (averaged) from 2 different bases, or a minimum of 3 collections (averaged), at least 2 hours apart, from the same base. If using a CORS type network, the collection procedure shall include localizing with check shots on at least 2 different HARN monuments both before and after collection. The level circuit shall be run from furnished mark to furnished mark and then adjusted. The error of closure shall be submitted with the electronic level notes in a recognized format approved by the Engineer and/or the Chief of Surveys. The Engineer shall submit this information to the District Chief of Surveys.

Right-of-way markers will be erected per Highway Standard 666001 with the back face of the marker on the right-of-way line unless the new right-of-way line has been surveyed and pinned, in which instance the right-of-way markers will be erected 12 inches inside the new right-of-way line. Method of installation shall be approved by the Engineer.

The Contractor shall be responsible for locating and protecting utility property during construction operations as outlined in Article 107.39 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:

- | | |
|--|---|
| <p>Commonwealth Edison, 815-490-2869
 NICOR Gas, 630-388-3046
 Mediacom, 815-716-0582</p> | <p>Frontier, 815-544-6171
 Windstream, 815-592-3395</p> |
|--|---|

IDOT is not a member of JULIE. If you are near any overhead lighting, intersection lighting or traffic signals, contact the IDOT Traffic Office at 815/284-5469 at least 48 hours prior to work.

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.

Tree planting layout shall be performed by the District Roadside Management Specialist. Mulch shall be placed 4" thick and to the diameter around the tree as shown on District Standard 92.1. The Mulch shall be hardwood wood chips placed on weed barrier fabric. This work shall be included in the cost of the tree.

Excess trees that cannot be planted along the IL 173 project limits shall be planted at alternative locations in Boone or Winnebago counties as determined by the District Roadside Management Specialist.

Commitments:

1. Within the Caledonia Ventures LLC parcel location (southeast quadrant of IL 173 and Main Street), all sidewalk work, curb ramp work, and anything else associated with its construction shall not be done during the harvest season (Labor Day through Thanksgiving).
2. Trees three (3) inches or greater in diameter at breast height will not be cleared from April 1 through September 30.

FILE NAME = 64J41.GN.DOCX	USER NAME =	DESIGNED - Engineering Systems	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	FA	SECTION	COUNTY	TOTAL	SHEET
	PLOT SCALE =	DRAWN -	REVISED -			303 (IL 173)	(129,130)RS	Boone & Winnebago	107	4
	PLOT DATE = 12/4/2018 3:17 PM	CHECKED -	REVISED -			CONTRACT NO. 64J41				
	DATE = 1/12/2018 8:58 AM	REVISED -				ILLINOIS	FED. AID PROJECT			
				SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.			

SUMMARY OF QUANTITIES

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	WINNEBAGO COUNTY	BOONE COUNTY		
				NHPP	NHPP		NHPP
				80% FED/20% STATE	80% FED / 20% STATE		80% FED / 20% BCCD**
				0005 - URBAN	0005 - URBAN	0021 - URBAN	0021 - URBAN
				QUANTITY	QUANTITY	QUANTITY	QUANTITY
44000600	SIDEWALK REMOVAL	SQ FT	442	0	0	442	0
44002224	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 6"	SQ YD	4,317	65	4,252	0	0
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	46,428	716	45,712	0	0
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	193	0	193	0	0
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	3,702	48	3,654	0	0
48203020	HOT-MIX ASPHALT SHOULDERS, 5 3/4"	SQ YD	862	0	862	0	0
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	410	0	410	0	0
54002020	EXPANSION BOLTS 3/4 INCH	EACH	4	0	4	0	0
54003000	CONCRETE BOX CULVERTS	CU YD	2.9	0	2.9	0	0
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	287.5	0	287.5	0	0
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	6	0	6	0	0
63200310	GUARDRAIL REMOVAL	FOOT	375	0	375	0	0
63500105	DELINEATORS	EACH	10	0	10	0	0
66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	6	0	4	2	0

* SPECIALTY ITEM
 ** BCCD = BOONE COUNTY CONSERVATION DISTRICT

SUMMARY OF QUANTITIES

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	WINNEBAGO COUNTY	BOONE COUNTY		
				NHPP	NHPP		NHPP
				80% FED/20% STATE	80% FED / 20% STATE		80% FED / 20% BCCD**
				0005 - URBAN	0005 - URBAN	0021 - URBAN	0021 - URBAN
				QUANTITY	QUANTITY	QUANTITY	QUANTITY
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1,036	9	1,027	0	0
* 72000100	SIGN PANEL - TYPE 1	SQ FT	4.4	0	0	0	4.4
* 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	18	0	0	0	18
72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	6	0	6	0	0
73000100	WOOD SIGN SUPPORT	FOOT	40	0	0	0	40
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	250	0	250	0	0
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	10,950	0	10,925	25	0
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	1,080	0	972	108	0
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1,066	0	889	177	0
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	143	0	143	0	0
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	111,507	2,945	108,562	0	0
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	484	4	480	0	0
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	7	0	7	0	0
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	180	2	178	0	0

* SPECIALTY ITEM
 ** BCCD = BOONE COUNTY CONSERVATION DISTRICT

SUMMARY OF QUANTITIES

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	WINNEBAGO COUNTY	BOONE COUNTY		
				NHPP	NHPP		NHPP
				80% FED/20% STATE	80% FED / 20% STATE		80% FED / 20% BCCD**
				0005 - URBAN	0005 - URBAN	0021 - URBAN	0021 - URBAN
				QUANTITY	QUANTITY	QUANTITY	QUANTITY
* 81028740	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/2" DIA.	FOOT	60	0	0	0	60
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	80	0	0	0	80
* 87602000	PEDESTRIAN PUSH-BUTTON POST	EACH	2	0	0	0	2
Z0004405	HOT-MIX ASPHALT SCARIFICATION	SQ YD	63,623	715	62,908	0	0
Z0007430	TEMPORARY SIDEWALK	SQ FT	1,300	0	0	1,300	0
Z0013798	CONSTRUCTION LAYOUT	LSUM	1	0	1	0	0
Z0040315	PILOT CAR	DAY	10	1	9	0	0
* A2000114	TREE, ACER X FREEMANII AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	5	0	5	0	0
* A2005814	TREE, PLATANUS OCCIDENTALIS (SYCAMORE), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	4	0	4	0	0
* X1400175	SOLAR-POWERED FLASHING BEACON ASSEMBLY (DUAL-ALTERNATING)	EACH	2	0	0	0	2
X4400196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	1,436	15	1,421	0	0
X6062700	CONCRETE GUTTER, TYPE A (SPECIAL)	FOOT	60	0	60	0	0

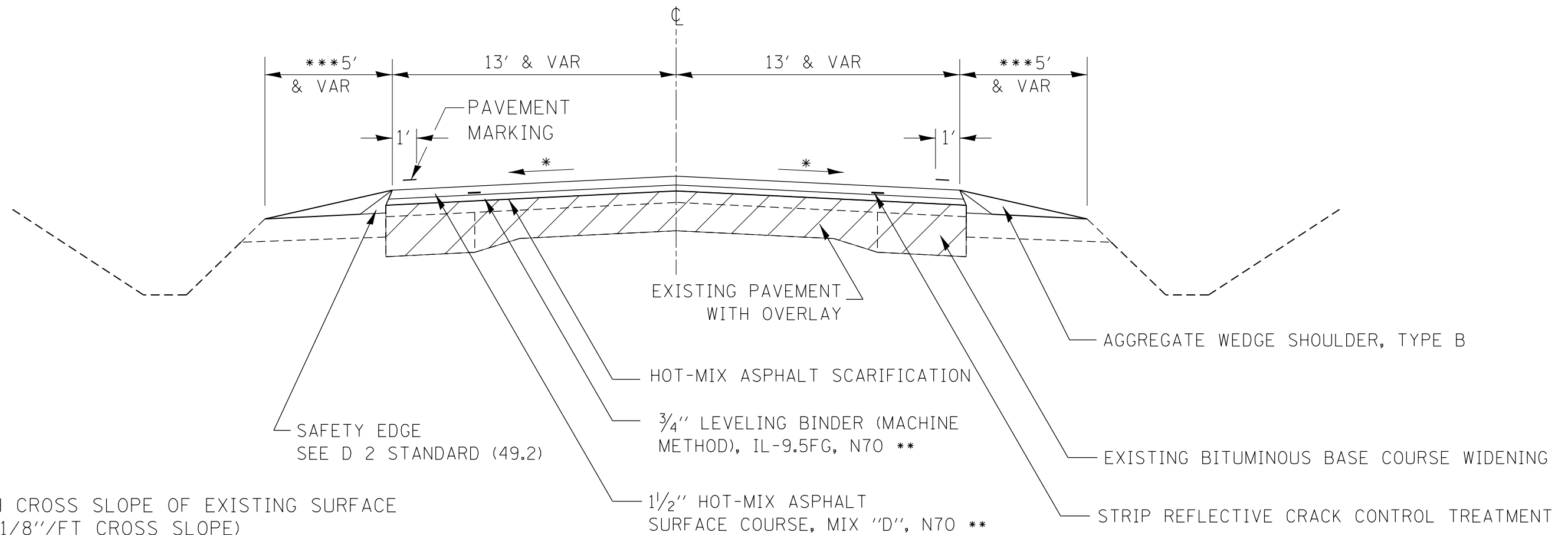
* SPECIALTY ITEM
 ** BCCD = BOONE COUNTY CONSERVATION DISTRICT

FILE NAME =	USER NAME = Karkir	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 173 SUMMARY OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
						303	(129,130)RS	BOONE & WINNEBAGO	105	10
									CONTRACT NO. 64J41	
									ILLINOIS FED. AID PROJECT	
									REV 1/15/19	

TYPICAL SECTIONS

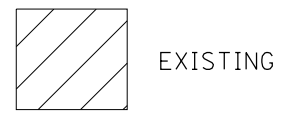
WINNEBAGO COUNTY
 STA 260+93.5 - 263+16.3****
 BOONE COUNTY
 STA 0+00 - 12+60
 STA 19+57.5 - 35+27.5
 STA 40+49.5 - 90+75
 STA 139+44 - 164+50
 STA 168+75 - 195+95.5 LT
 STA 168+75 - 196+13.5 RT
 STA 199+01 - 227+47.5 RT
 STA 199+52.5 - 227+47.5 LT

IL RTE 173



NOTES:

- * MATCH CROSS SLOPE OF EXISTING SURFACE (MIN. 1/8" / FT CROSS SLOPE) 3/16" / FT DESIRED
- ** HMA UNIT WEIGHT = 112 LB/SQ YD/IN
- *** 3' AGG SHLDR: LT STA 26+93 - 27+79 (BOONE CNTY)
 6' AGG SHLDR: RT STA 67+32 - 90+75 (BOONE CNTY)
 4' AGG SHLDR: RT STA 139+44 - 141+79 (BOONE CNTY)
 AND LT & RT STA 260+41 - 263+16.3 (WINNEBAGO CNTY)
- **** STA EQUATION: STA 263+16.3 (WINNEBAGO CO) = STA 0+00 (BOONE CO)



MODEL: Default
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	DRAWN -	REVISED -
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PLOT DATE = 12/6/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

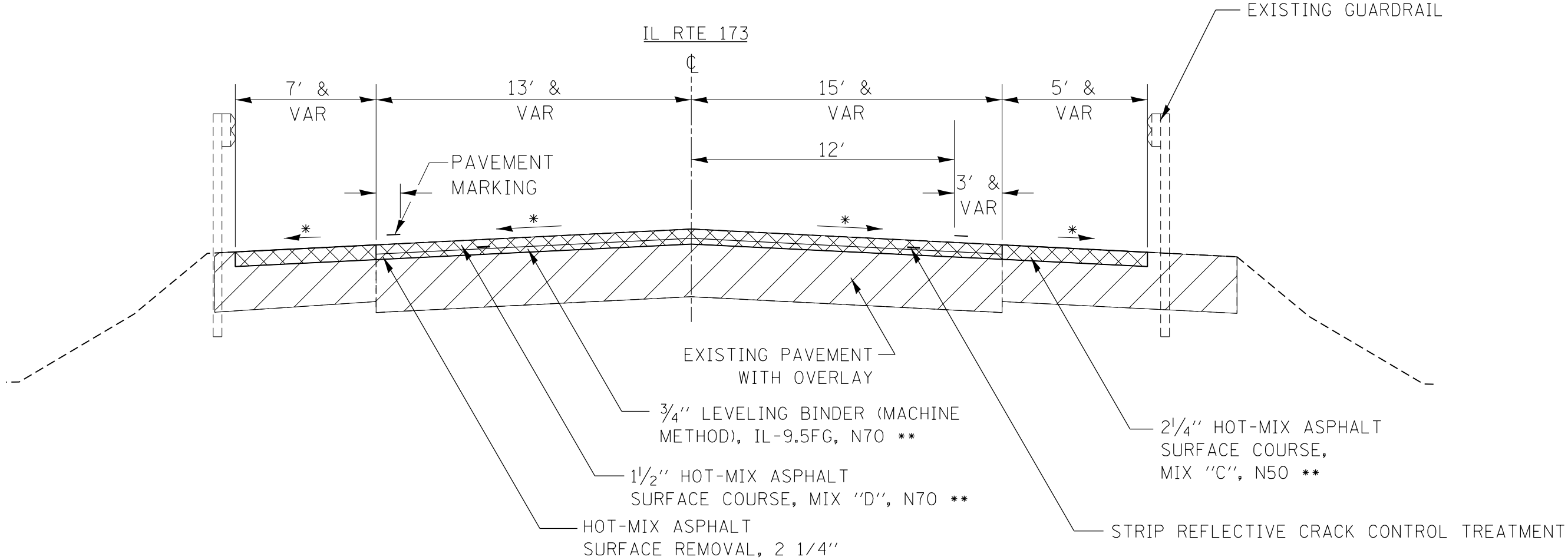
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TYPICAL SECTIONS

*IL 173		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		*303	(129,130)RS	BOONE & WINNEBAGO	105	11
		ILLINOIS FED. AID PROJECT			CONTRACT NO. 64J41	

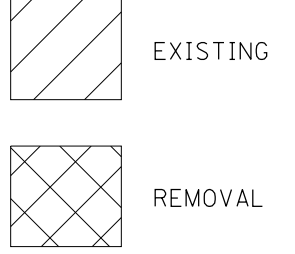
TYPICAL SECTIONS

BOONE COUNTY
STA 13+12.5 - 19+05



NOTES:

- * MATCH CROSS SLOPE OF EXISTING SURFACE (MIN. 1/8" / FT CROSS SLOPE) 3/16" / FT DESIRED
- ** HMA UNIT WEIGHT = 112 LB/SQ YD/IN



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	DRAWN -	REVISED -
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PLOT DATE = 12/21/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE:		SHEET	OF	SHEETS	STA.	TO	STA.
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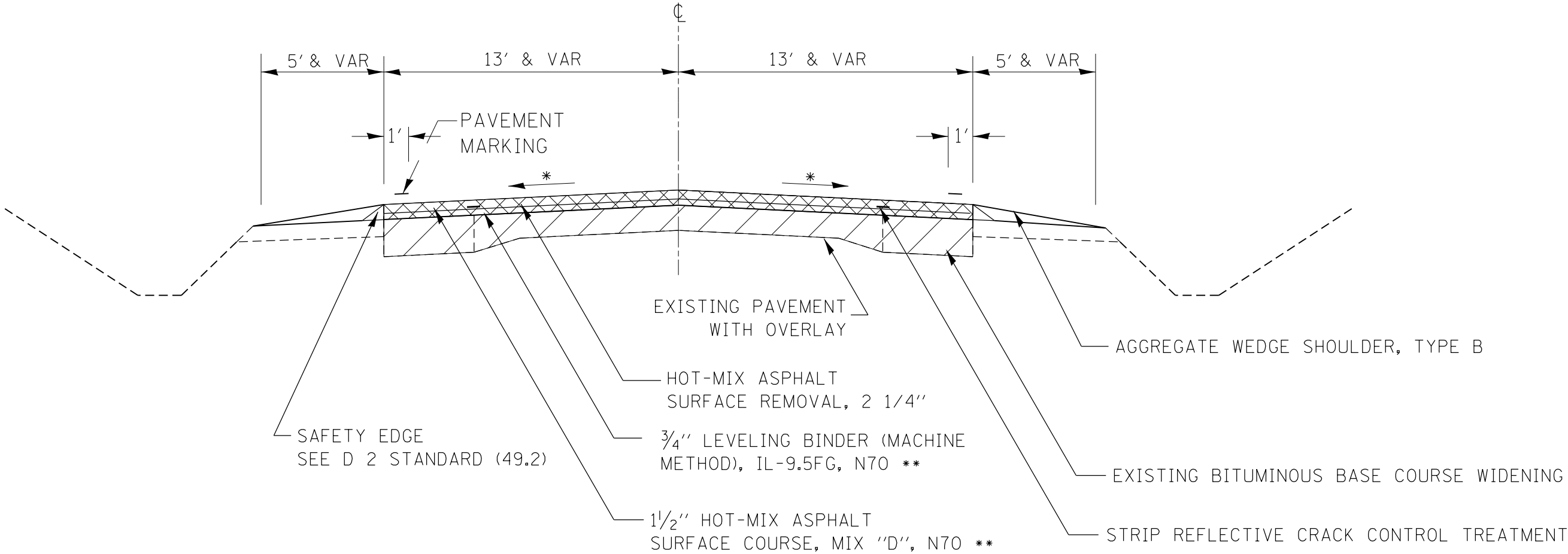
TYPICAL SECTIONS

*IL 173		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		*303	(129,130)RS	BOONE & WINNEBAGO	105	12
		CONTRACT NO. 64J41				
		ILLINOIS FED. AID PROJECT				

TYPICAL SECTIONS

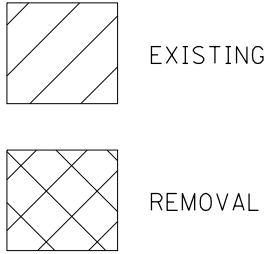
BOONE COUNTY
 STA 35+80 - 40+43

IL RTE 173



NOTES:

- * MATCH CROSS SLOPE OF EXISTING SURFACE (MIN. 1/8"/FT CROSS SLOPE) 3/16"/FT DESIRED
- ** HMA UNIT WEIGHT = 112 LB/SQ YD/IN



MODEL: Default
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PLOT DATE = 12/6/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET OF SHEETS STA. TO STA.

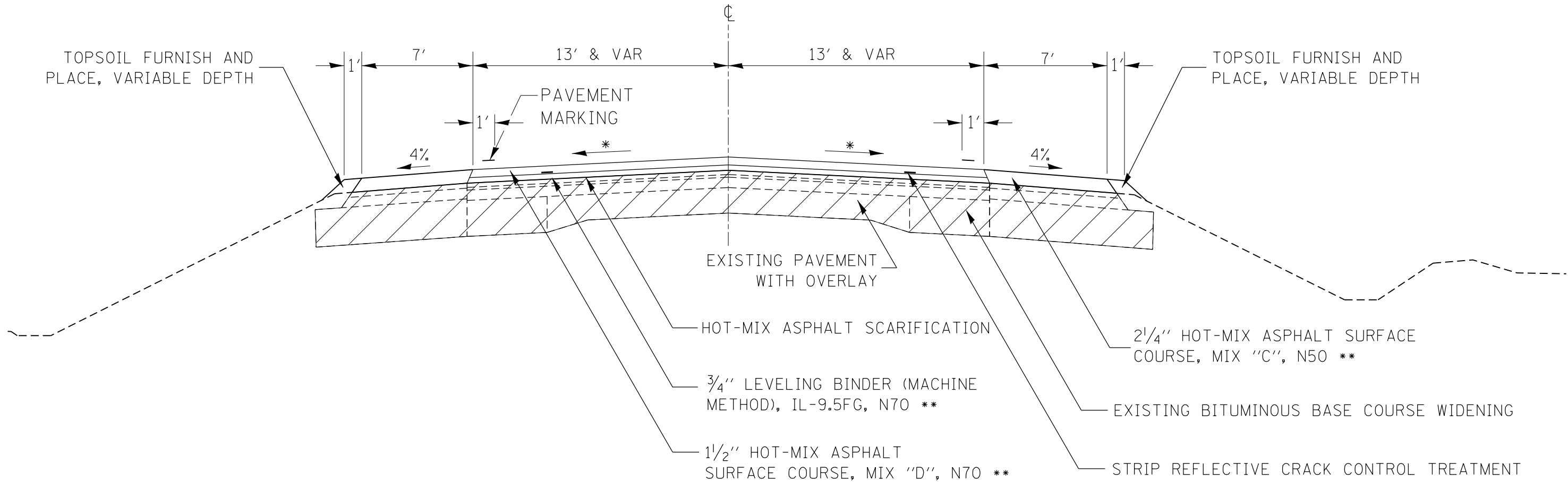
TYPICAL SECTIONS

*IL 173		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CONTRACT NO. 64J41				
		ILLINOIS FED. AID PROJECT				

TYPICAL SECTIONS

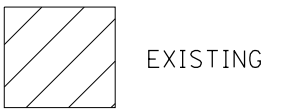
BOONE COUNTY
STA 91+75 - 104+32.5

IL RTE 173



NOTES:

- * MATCH CROSS SLOPE OF EXISTING SURFACE (MIN. 1/8" / FT CROSS SLOPE) 3/16" / FT DESIRED
- ** HMA UNIT WEIGHT = 112 LB/SQ YD/IN



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET OF SHEETS STA. TO STA.

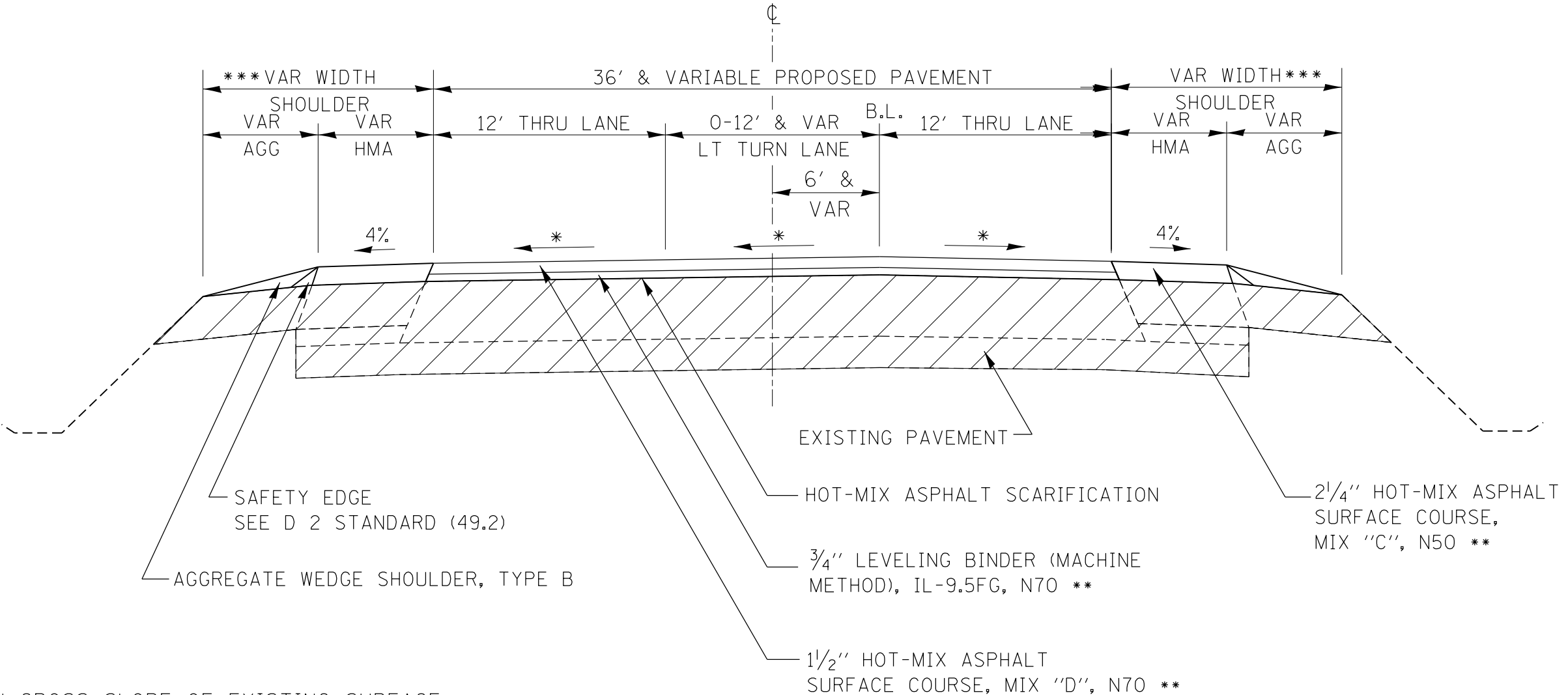
TYPICAL SECTIONS

*IL 173		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		*303	(129,130)RS	BOONE & WINNEBAGO	105	15
		CONTRACT NO. 64J41				
		ILLINOIS FED. AID PROJECT				

TYPICAL SECTIONS

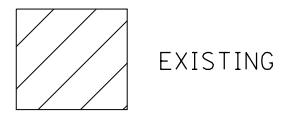
BOONE COUNTY
 STA 104+32.5 - 108+42.3
 STA 110+56 - 123+82.5
 TURN LANES ONTO CALEDONIA ROAD

IL RTE 173



NOTES:

- * MATCH CROSS SLOPE OF EXISTING SURFACE (MIN. 1/8" / FT CROSS SLOPE) 3/16" / FT DESIRED
- ** HMA UNIT WEIGHT = 112 LB/SQ YD/IN
- *** 4' HMA SHLDR/2' AGG SHLDR: STA 104+32.5 - 105+00
 3' HMA SHLDR/5' AGG SHLDR: STA 105+00 - 108+42.3
 3' HMA SHLDR/2' AGG SHLDR: LT STA 111+82 - 123+67.5
 3' HMA SHLDR/2' AGG SHLDR: RT STA 112+54 - 123+67.5



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PLOT DATE = 12/6/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

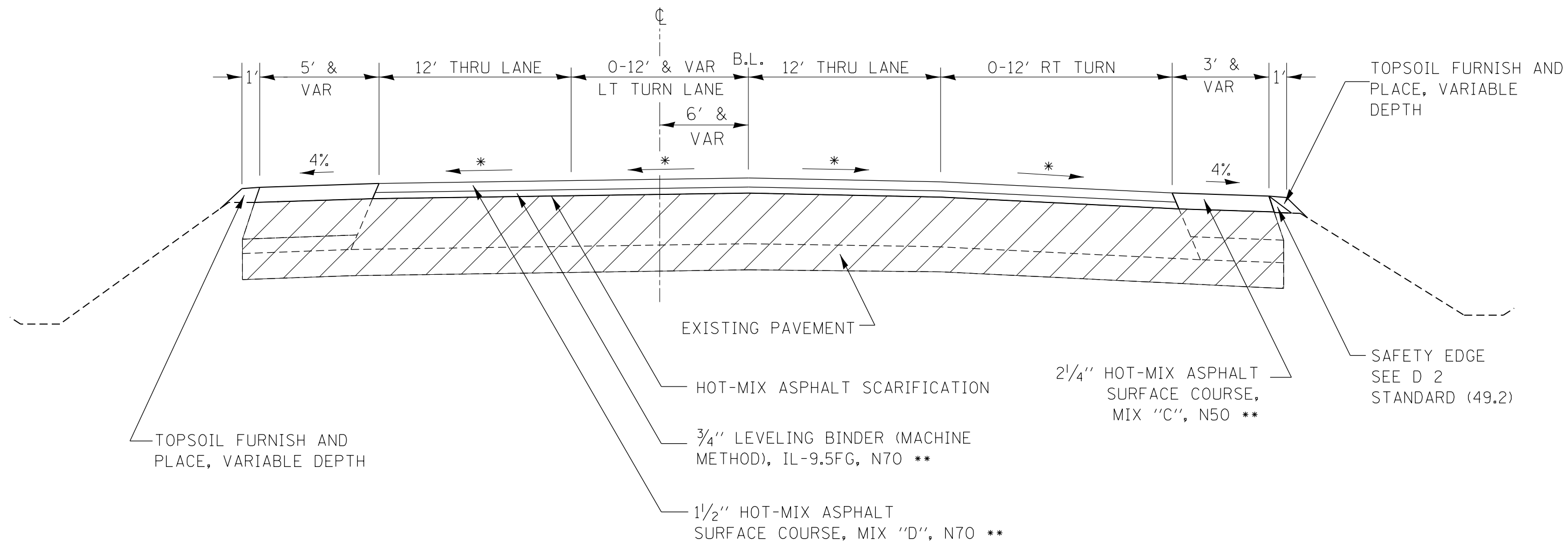
SCALE:		SHEET	OF	SHEETS	STA.	TO	STA.
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TYPICAL SECTIONS

*IL 173		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		*303	(129,130)RS	BOONE & WINNEBAGO	105	16
		CONTRACT NO. 64J41				
		ILLINOIS FED. AID PROJECT				

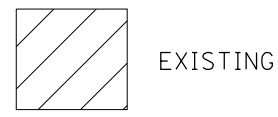
TYPICAL SECTIONS

BOONE COUNTY
 STA 108+42.3 - 110+56
 TURN LANES ONTO CALEDONIA ROAD
 IL RTE 173



NOTES:

- * MATCH CROSS SLOPE OF EXISTING SURFACE (MIN. 1/8" / FT CROSS SLOPE) 3/16" / FT DESIRED
- ** HMA UNIT WEIGHT = 112 LB/SQ YD/IN



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

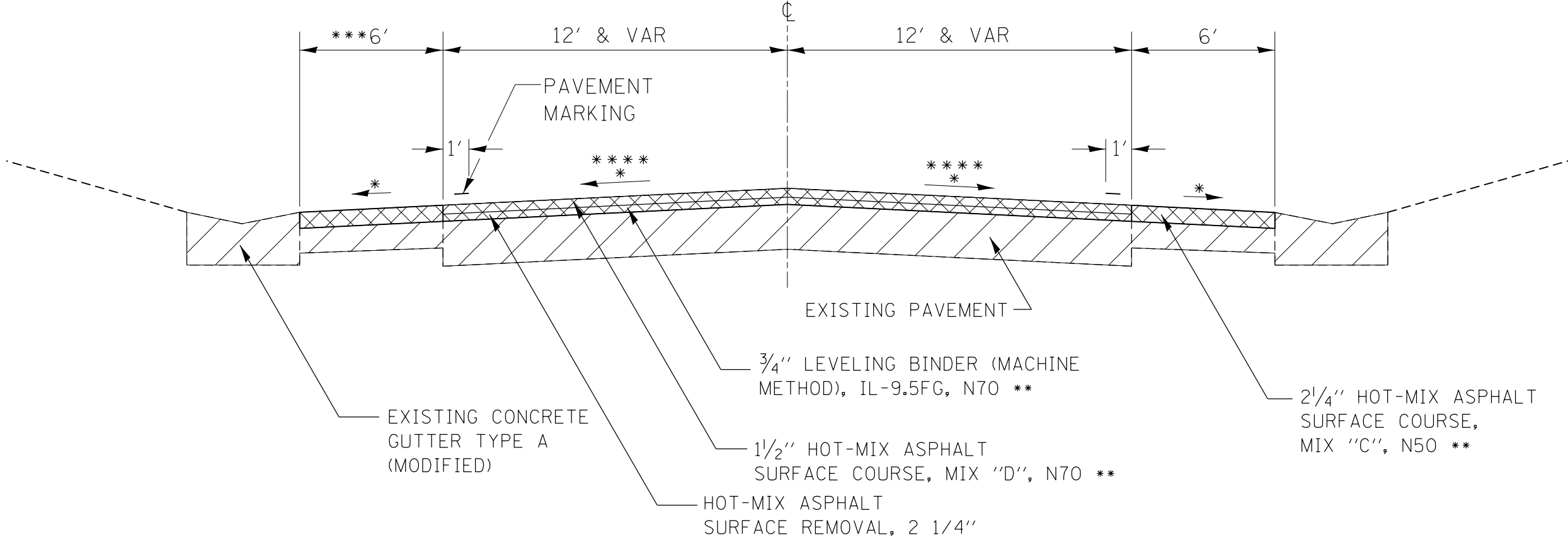
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TYPICAL SECTIONS

*IL 173		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		*303	(129,130)RS	BOONE & WINNEBAGO	105	17
		CONTRACT NO. 64J41				
		ILLINOIS FED. AID PROJECT				

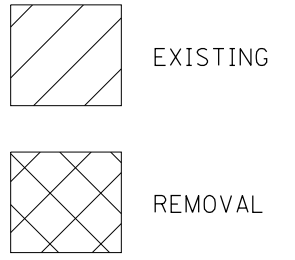
TYPICAL SECTIONS

BOONE COUNTY
 STA 124+35 - 126+82
 IL RTE 173



NOTES:

- * MATCH CROSS SLOPE OF EXISTING SURFACE (MIN. 1/8" / FT CROSS SLOPE) 3/16" / FT DESIRED
- ** HMA UNIT WEIGHT = 112 LB/SQ YD/IN
- *** 3' HMA SHLDR/4' AGG SHLDR: LT STA 124+35 - 125+23
- **** STA 125+83 - 126+29 1% SLOPE THROUGH BIKE PATH



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PLOT DATE = 12/6/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE:		SHEET	OF	SHEETS	STA.	TO	STA.
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TYPICAL SECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*303	(129,130)RS	BOONE & WINNEBAGO	105	18
CONTRACT NO. 64J41				

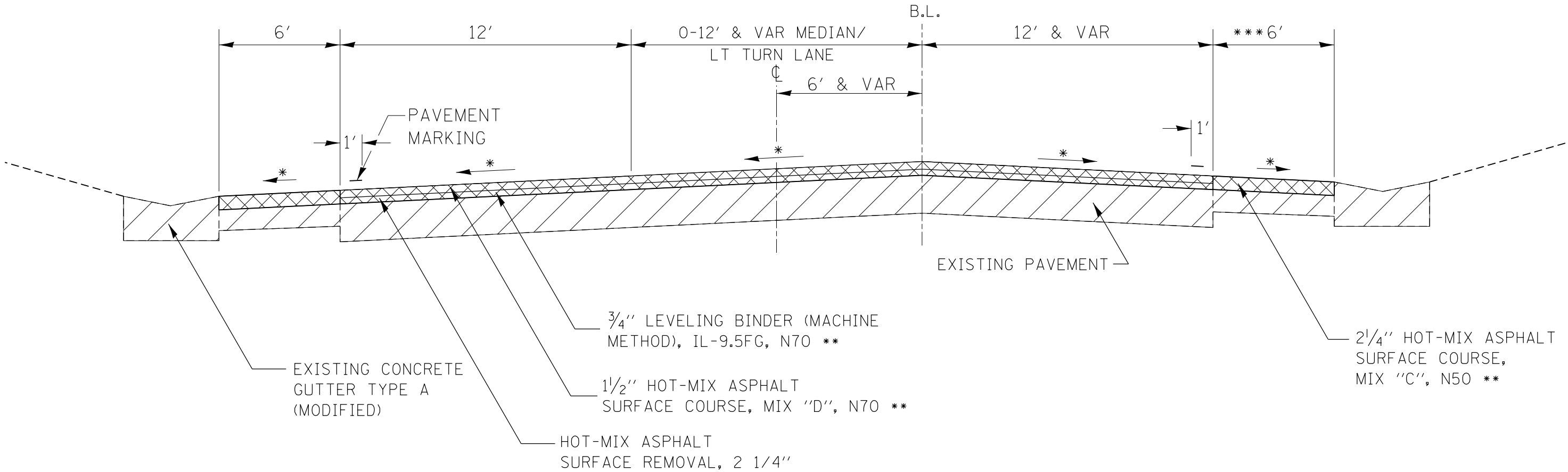
*IL 173

ILLINOIS FED. AID PROJECT

TYPICAL SECTIONS

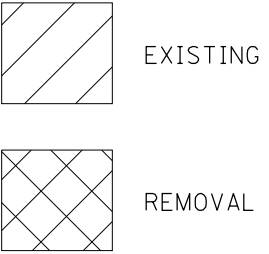
BOONE COUNTY
STA 126+82 - 136+60

IL RTE 173



NOTES:

- * MATCH CROSS SLOPE OF EXISTING SURFACE (MIN. 1/8" / FT CROSS SLOPE) 3/16" / FT DESIRED
- ** HMA UNIT WEIGHT = 112 LB/SQ YD/IN



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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

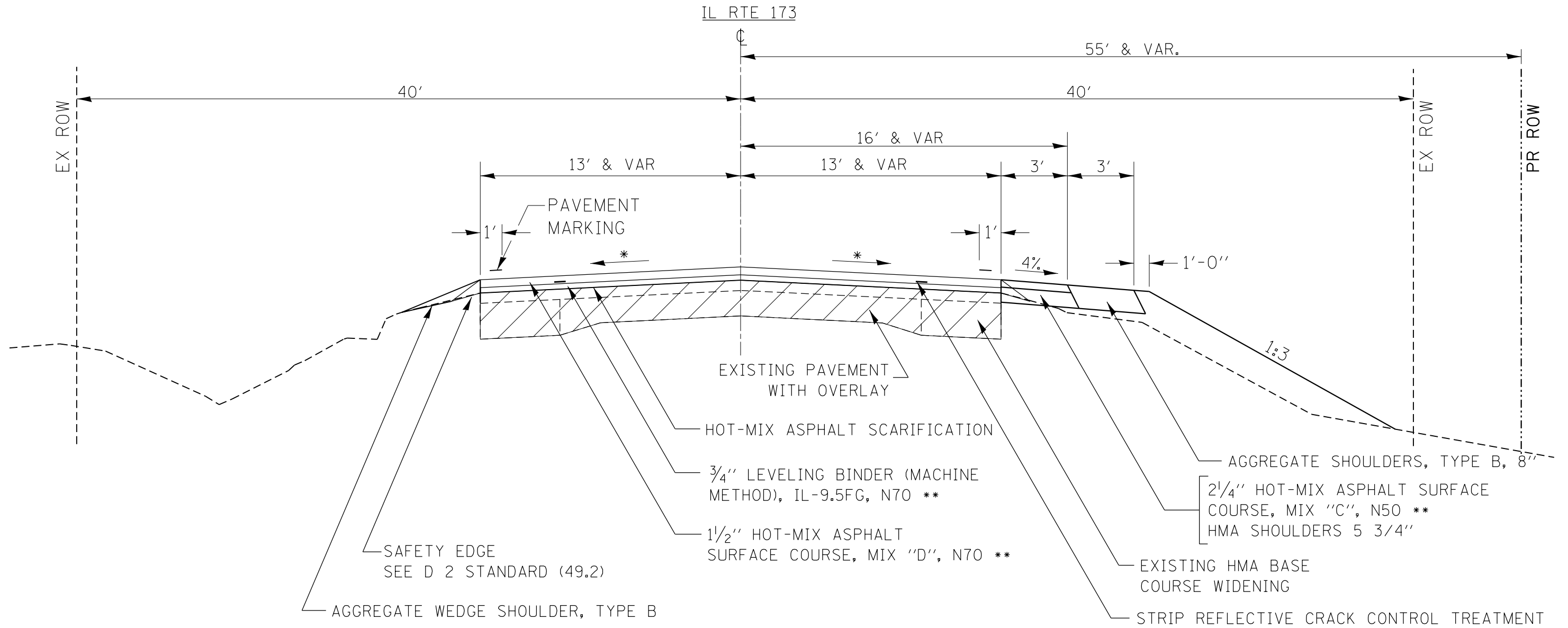
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TYPICAL SECTIONS

*IL 173		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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					CONTRACT NO. 64J41	
				ILLINOIS	FED. AID PROJECT	

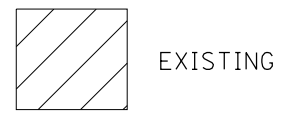
TYPICAL SECTIONS

BOONE COUNTY
STA 164+50 - 168+75



NOTES:

- * MATCH CROSS SLOPE OF EXISTING SURFACE
(MIN. 1/8" / FT CROSS SLOPE)
3/16" / FT DESIRED
- ** HMA UNIT WEIGHT = 112 LB/SQ YD/IN



MODEL: Default
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

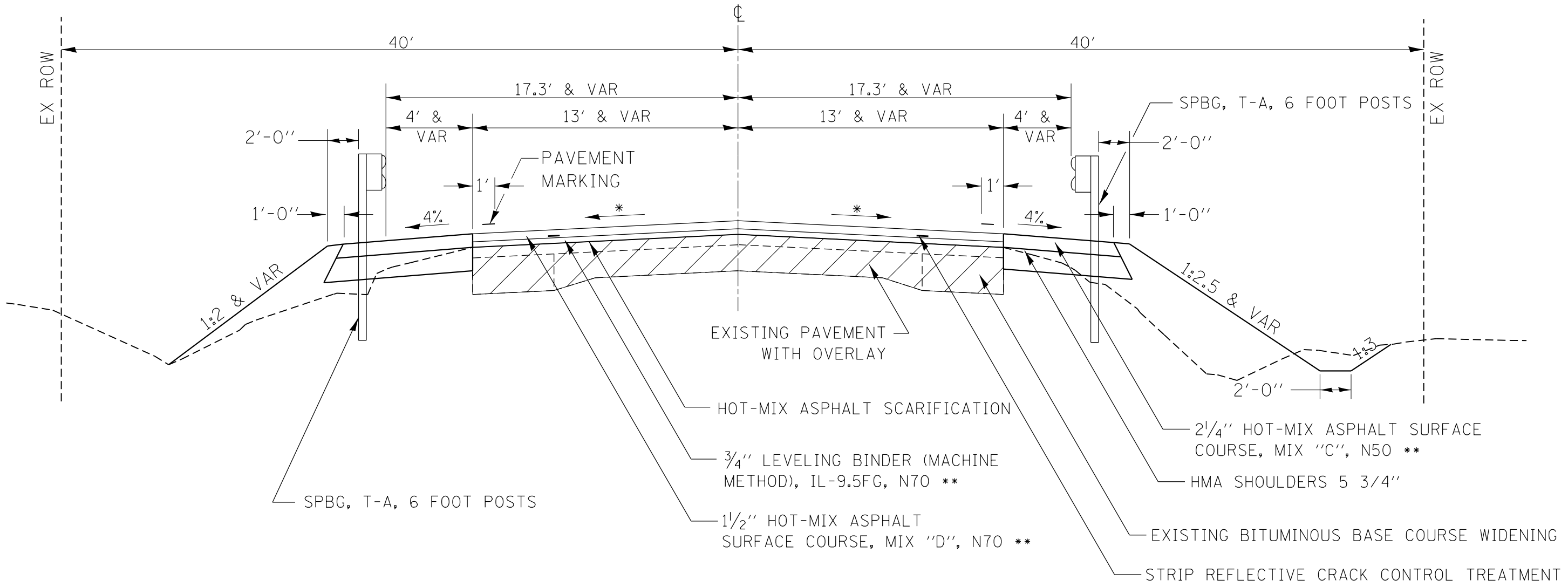
TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

*IL 173		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CONTRACT NO. 64J41				
		ILLINOIS FED. AID PROJECT				

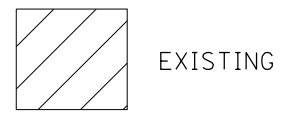
TYPICAL SECTIONS

BOONE COUNTY
 STA 195+95.5 - 199+52.5 LT
 STA 196+13.5 - 199+01 RT
 IL RTE 173



NOTES:

- * MATCH CROSS SLOPE OF EXISTING SURFACE (MIN. 1/8" / FT CROSS SLOPE) 3/16" / FT DESIRED
- ** HMA UNIT WEIGHT = 112 LB/SQ YD/IN



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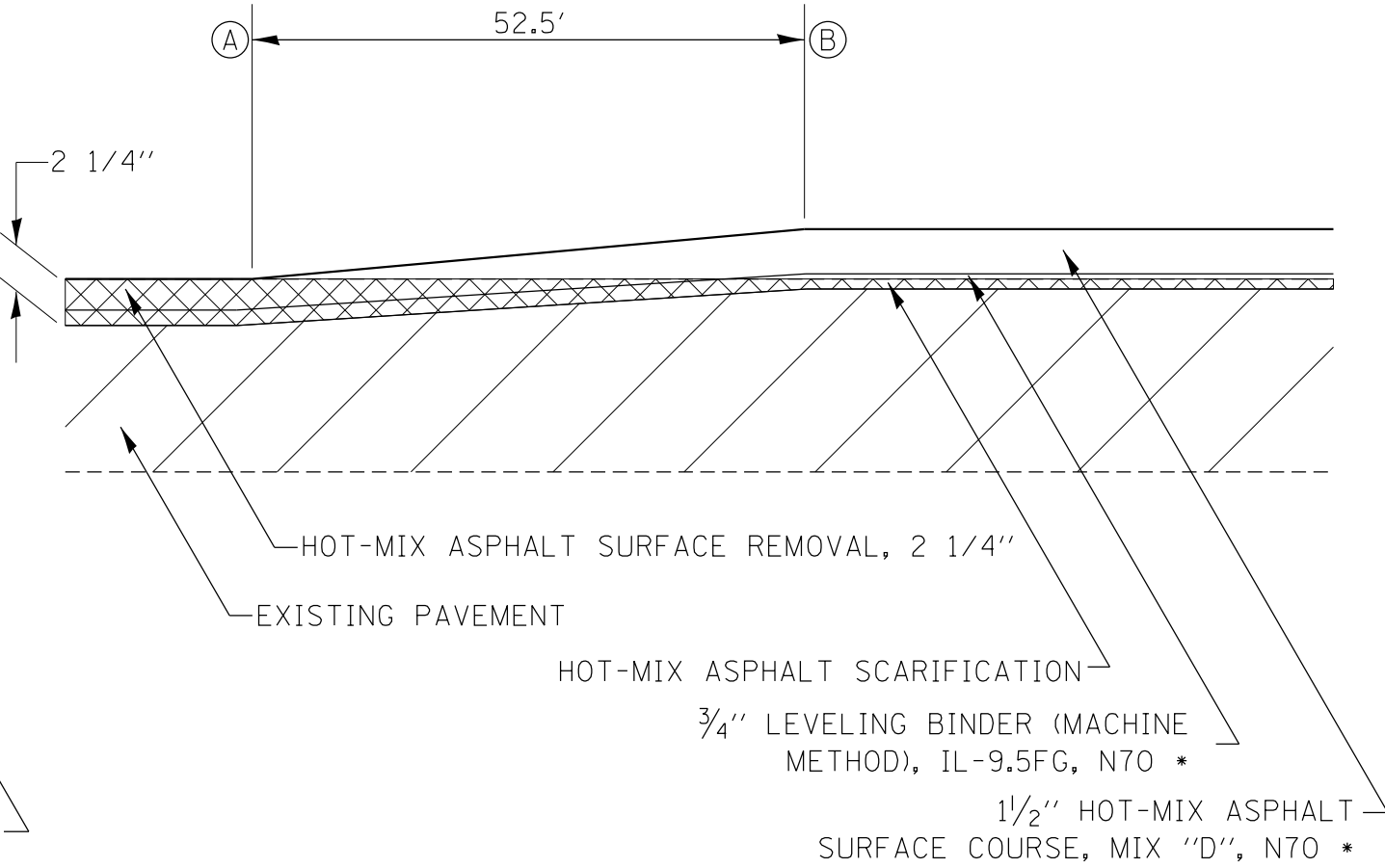
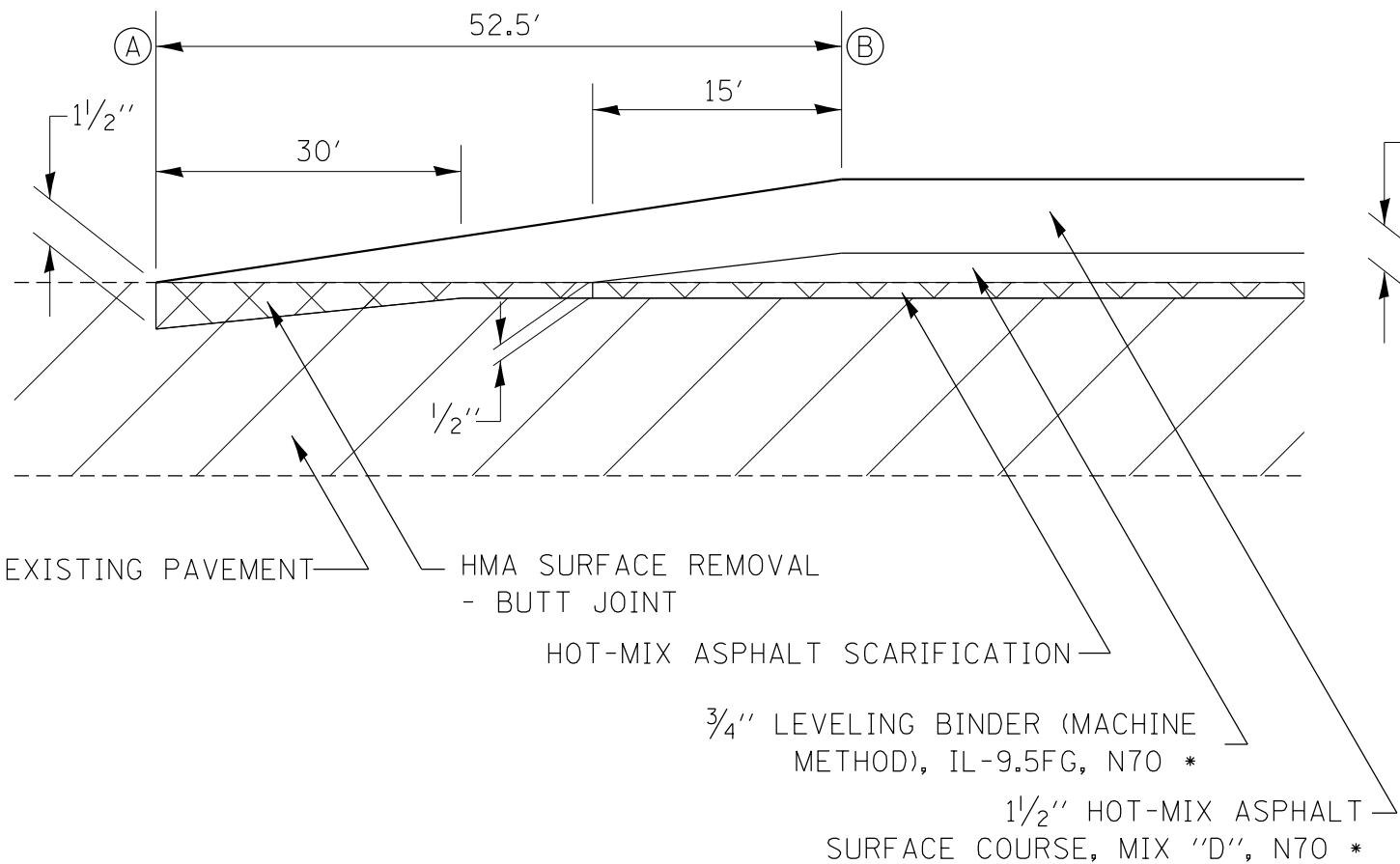
TYPICAL SECTIONS

BOONE COUNTY
IL ROUTE 173 TRANSITION DETAIL

IL ROUTE 173 BUTT-JOINT DETAIL

STA. A	STA. B
260+41	260+93.5 (WINNEBAGO COUNTY)
228+00	227+47.5 (BOONE COUNTY)

STA. A	STA. B
13+12.5	12+60
19+05	19+57.5
35+80	35+27.5
40+43	40+95.5
124+35	123+82.5
136+60	137+12.5



EXISTING PAVEMENT

HMA SURFACE REMOVAL - BUTT JOINT

HOT-MIX ASPHALT SCARIFICATION

3/4" LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N70 *

1 1/2" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 *

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

EXISTING PAVEMENT

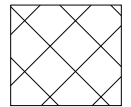
HOT-MIX ASPHALT SCARIFICATION

3/4" LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N70 *

1 1/2" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 *



EXISTING



REMOVAL

NOTES:

* HMA UNIT WEIGHT = 112 LB/SQ YD/IN

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PLOT DATE = 12/6/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

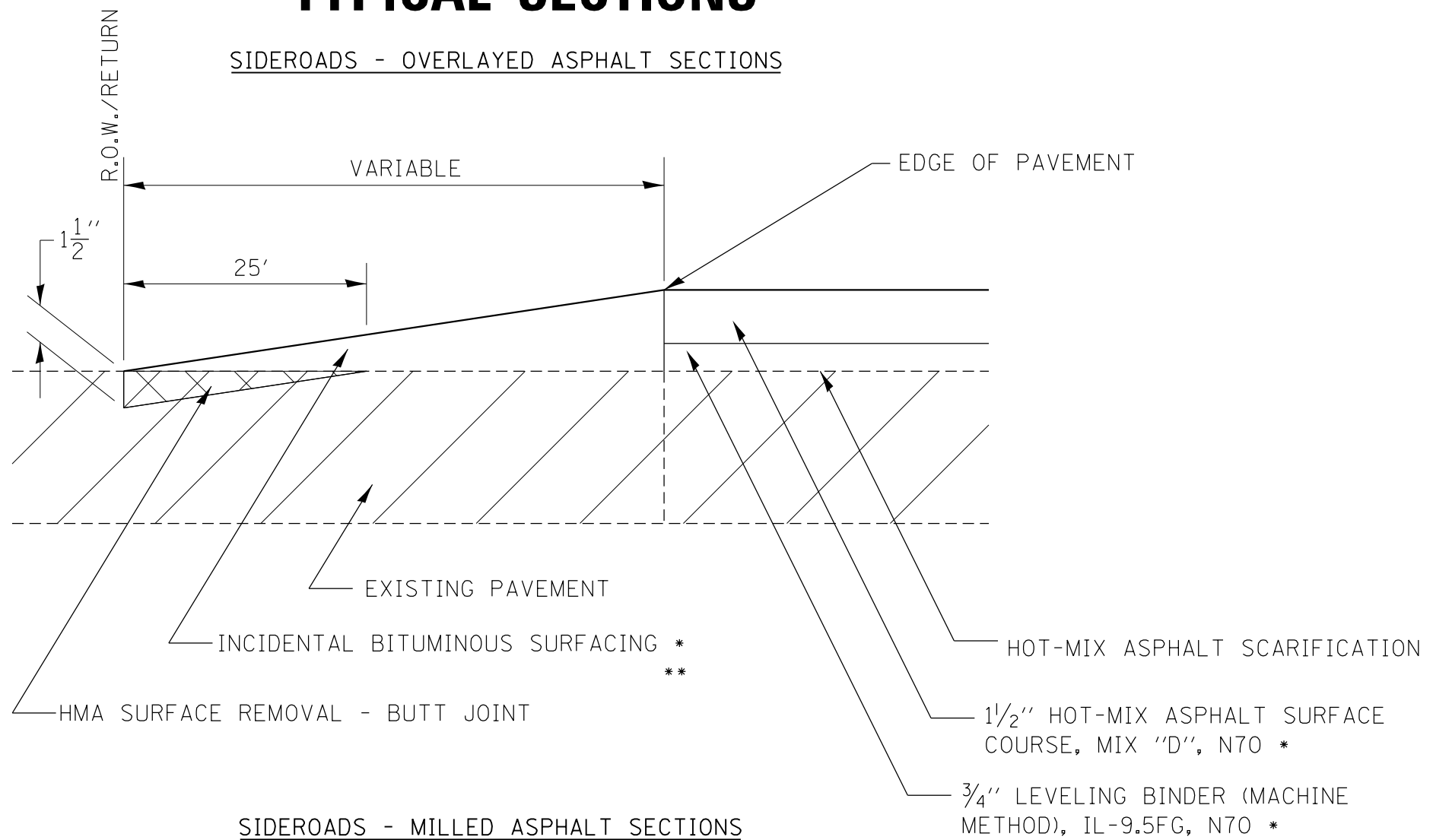
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TYPICAL SECTIONS

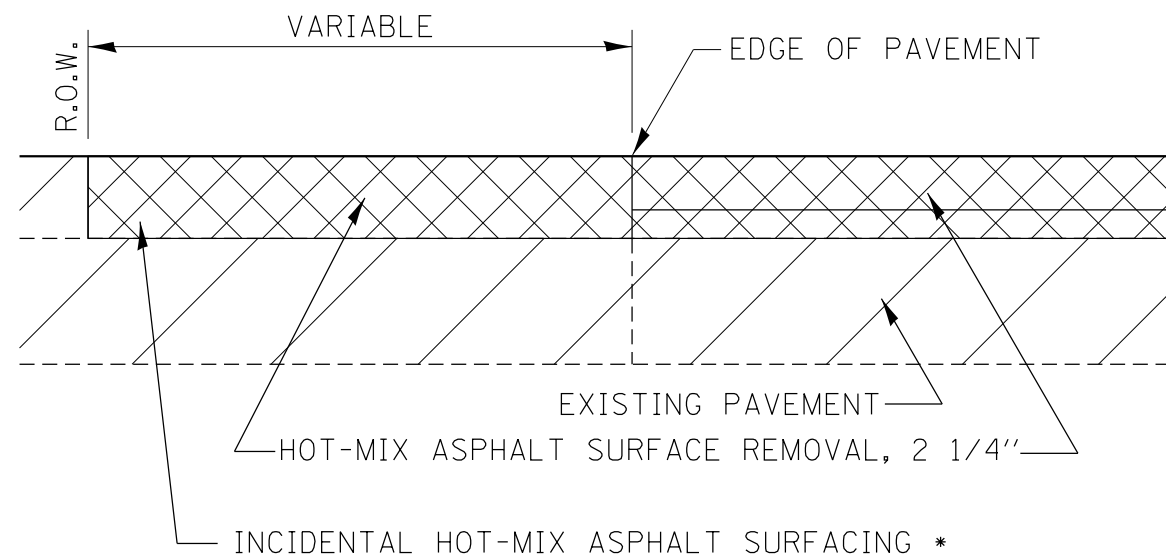
*IL 173		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		*303	(129,130)RS	BOONE & WINNEBAGO	105	23
				CONTRACT NO. 64J41		
				ILLINOIS FED. AID PROJECT		

TYPICAL SECTIONS

SIDERROADS - OVERLAYED ASPHALT SECTIONS

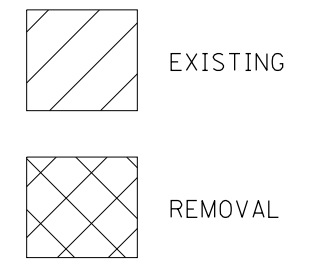


SIDERROADS - MILLED ASPHALT SECTIONS



NOTES:

- * HMA UNIT WEIGHT = 112 LB/SQ YD/IN
- ** HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (CALEDONIA ROAD)



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	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE:		SHEET	OF	SHEETS	STA.	TO	STA.
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TYPICAL SECTIONS

*IL 173		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		*303	(129,130)RS	BOONE & WINNEBAGO	105	24
		CONTRACT NO. 64J41				
		ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

20100110 TREE REMOVAL (6 TO 15 UNITS DIAMETER)		
<u>LOCATION</u>		<u>UNIT</u>
MAINLINE		
STA 166+52	RT	10
STA 166+67	RT	12
STA 166+72	RT	12
TOTAL BOONE COUNTY		34
TOTAL		34

28000250 TEMPORARY EROSION CONTROL SEEDING					
<u>LOCATION</u>			<u>REMARKS</u>		<u>POUND</u>
MAINLINE					
STA 125+35	TO 125+96	LT	100#/ACRE FOR 6 WEEKS		13.1
STA 126+13	TO 126+60	RT	100#/ACRE FOR 6 WEEKS		3.9
STA 131+28	TO 132+22	RT	100#/ACRE FOR 6 WEEKS		18.6
STA 164+50	TO 168+75	RT	100#/ACRE FOR 6 WEEKS		58.4
STA 195+25	TO 200+00	RT	100#/ACRE FOR 6 WEEKS		157.0
TOTAL BOONE COUNTY					251
TOTAL					251

20100210 TREE REMOVAL (OVER 15 UNITS DIAMETER)		
<u>LOCATION</u>		<u>UNIT</u>
MAINLINE		
STA 166+45	RT	18
STA 166+75	RT	15
STA 167+22	RT	20
STA 167+22	RT	15
STA 167+22	RT	15
STA 167+31	RT	24
TOTAL BOONE COUNTY		107
TOTAL		107

28000305 TEMPORARY DITCH CHECKS								
<u>LOCATION</u>			<u>DITCH SLOPE</u>	<u>SPACING</u>	<u>DITCH CHECK QUANTITY</u>	<u>LENGTH (FT)</u>	<u>FOOT</u>	
MAINLINE								
STA 195+00	TO 196+25	RT	0.46%	100'	2	13	26	
STA 196+25	TO 197+75	RT	1.06%	100'	2	10	20	
STA 198+00	TO 199+00	RT	0.55%	100'	1	10	10	
STA 199+00	TO 200+00	RT	0.30%	100'	1	10	10	
TOTAL BOONE COUNTY							66	
TOTAL							66	

21101600 TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH			
<u>LOCATION</u>	<u>REMARKS</u>		<u>SO_YD</u>
MAINLINE			
STA 91+75	TO 104+32.5	See Typical Section	210
STA 108+42.3	TO 110+56	See Typical Section	36
TOTAL BOONE COUNTY			245
TOTAL			245

28000400 PERIMETER EROSION BARRIER		
<u>LOCATION</u>		<u>FOOT</u>
MAINLINE		
STA 165+00	TO 168+00	RT 300
TOTAL BOONE COUNTY		300
TOTAL		300

25100630 EROSION CONTROL BLANKET		
<u>LOCATION</u>		<u>SO_YD</u>
MAINLINE		
STA 125+35	TO 125+96	LT 106
STA 126+13	TO 126+60	RT 32
STA 131+28	TO 132+22	RT 150
STA 164+50	TO 168+75	RT 618
STA 194+83	TO 200+20	RT 913
STA 195+31	TO 200+08.5	LT 617
TOTAL BOONE COUNTY		2,436
TOTAL		2,436

28000500 INLET AND PIPE PROTECTION		
<u>LOCATION</u>		<u>EACH</u>
MAINLINE		
STA 167+00	LT	1
STA 197+21.05	LT	1
STA 197+88.43	LT	1
TOTAL BOONE COUNTY		3
TOTAL		3

SCHEDULE OF QUANTITIES

48101500 AGGREGATE SHOULDERS, TYPE B 6"				<u>SQ YD</u>
<u>LOCATION</u>				
MAINLINE				
STA 164+00	TO 164+50	RT		22
STA 164+50	TO 168+75	RT		142
STA 168+75	TO 169+40	RT		29
TOTAL BOONE COUNTY				<u>193</u>
TOTAL				193

63200310 GUARDRAIL REMOVAL				<u>FOOT</u>
<u>LOCATION</u>				
MAINLINE				
STA 165+81	TO 167+56	RT		175
STA 197+16	TO 198+16	RT		100
STA 197+60	TO 198+60	LT		100
TOTAL BOONE COUNTY				<u>375</u>
TOTAL				375

48203020 HOT-MIX ASPHALT SHOULDERS, 5 3/4"				<u>SQ YD</u>
<u>LOCATION</u>				
MAINLINE				
STA 164+50	TO 168+75	RT		142
STA 195+00	TO 200+00	RT		355
STA 195+27.8	TO 200+00	LT		365
TOTAL BOONE COUNTY				<u>862</u>
TOTAL				862

63500105 DELINEATORS				<u>EACH</u>
<u>LOCATION</u>				
MAINLINE				
STA 167+00.00	LT			1
STA 167+00.00	RT			1
STA 195+95.30	LT			1
STA 196+13.50	RT			1
STA 197+07.80	LT			1
STA 197+65.38	LT			1
STA 197+88.43	LT			1
STA 197+88.43	RT			1
STA 199+01.00	RT			1
STA 199+52.88	LT			1
TOTAL BOONE COUNTY				<u>10</u>
TOTAL				10

63000001 STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS				<u>FOOT</u>
<u>LOCATION</u>				
MAINLINE				
STA 196+45.30	TO 196+57.80	LT		12.5
STA 196+63.50	TO 198+51.00	RT		187.5
STA 198+15.38	TO 199+02.88	LT		87.5
TOTAL BOONE COUNTY				<u>287.5</u>
TOTAL				287.5

66600105 FURNISHING AND ERECTING RIGHT OF WAY MARKERS				<u>EACH</u>
<u>LOCATION</u>				
<u>REMARKS</u>				
MAINLINE				
STA 131+86.38	RT	40.00' o/s		1
STA 132+71.88	RT	40.00' o/s		1
STA 165+00.00	RT	40.00' o/s		1
STA 166+00.00	RT	55.00' o/s		1
STA 167+50.00	RT	55.00' o/s		1
STA 168+50.00	RT	40.00' o/s		1
TOTAL BOONE COUNTY				<u>6</u>
TOTAL				6

63100167 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT				<u>EACH</u>
<u>LOCATION</u>				
MAINLINE				
STA 195+95.30	TO 196+45.30	LT		1
STA 196+13.50	TO 196+63.50	RT		1
STA 196+57.80	TO 197+07.80	LT		1
STA 197+65.38	TO 198+15.38	LT		1
STA 198+51.00	TO 199+01.00	RT		1
STA 199+02.88	TO 199+52.88	LT		1
TOTAL BOONE COUNTY				<u>6</u>
TOTAL				6

66700305 PERMANENT SURVEY MARKERS, TYPE II				<u>EACH</u>
<u>LOCATION</u>				
<u>REMARKS</u>				
MAINLINE				
STA 126+00	RT	IL 173 @ FRONT STI		
STA 132+00	RT	IL 173 @ MAIN ST. 1		
STA 169+00	RT	CULVERT EXT.		1
TOTAL BOONE COUNTY				<u>3</u>
TOTAL				3

SCHEDULE OF QUANTITIES

78000600 THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT
LOCATION	REMARKS
MAINLINE	
STA 105+04.1 TO 109+26.1 CL YELLOW	MEDIAN - DIAGONAL LINE 105.4
STA 114+32.6 TO 118+53.6 CL YELLOW	MEDIAN - DIAGONAL LINE 142.4
STA 120+73.0 TO 124+65.3 CL YELLOW	MEDIAN - DIAGONAL LINE 94.5
STA 127+91.0 TO 130+32.9 CL YELLOW	MEDIAN - DIAGONAL LINE 59.5
STA 132+76.2 TO 136+98.2 CL YELLOW	MEDIAN - DIAGONAL LINE 105.0
	SUB-TOTAL (YELLOW) 507
CALEDONIA ROAD (YELLOW)	
STA 4+71 TO 5+54.5 CL YELLOW	DIAGONAL LINE - NO PASS 45.1
STA 6+46.4 TO 7+29.9 CL YELLOW	DIAGONAL LINE - NO PASS 45.1
	SUB-TOTAL (YELLOW) 90
MAIN STREET (YELLOW)	
STA 32+54.1 TO 33+36.6 CL YELLOW	DIAGONAL LINE - NO PASS 26.5
	SUB-TOTAL (YELLOW) 27
	TOTAL BOONE COUNTY (YELLOW) 624
CALEDONIA ROAD (WHITE)	
STA 5+46.2 TO 5+68.1 RT WHITE	DIAGONAL LINE - ISLAND 43.2
STA 6+40.2 TO 6+54.9 LT WHITE	DIAGONAL LINE - ISLAND 42.1
	SUB-TOTAL (WHITE) 85
FRONT STREET	
STA 24+52.5 TO 24+81.4 RT WHITE	DIAGONAL LINE - ISLAND 50.0
	SUB-TOTAL (WHITE) 50
BIKEPATH	
STA 43+68.1 RT WHITE	STOP BAR 5.0
STA 43+91.4 TO 44+51.6 CL WHITE	CROSSWALK DIAGONAL LINE - BIKEPATH 167.4
STA 44+68 LT WHITE	STOP BAR 5.0
	SUB-TOTAL (WHITE) 177
MAIN STREET (WHITE)	
STA 33+38.9 TO 33+72.4 LT WHITE	DIAGONAL LINE - ISLAND 130.2
	SUB-TOTAL (WHITE) 130
	TOTAL BOONE COUNTY (WHITE) 443
	TOTAL BOONE COUNTY 1,066
	TOTAL 1,066

78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT
LOCATION	REMARKS
CALEDONIA ROAD	
STA 5+37.9 RT WHITE	STOP BAR - RT TURN LANE 28.4
STA 5+55.7 RT WHITE	STOP BAR 12.0
STA 6+47.2 LT WHITE	STOP BAR 12.2
STA 6+61.7 LT WHITE	STOP BAR - RT TURN LANE 29.9
	SUB-TOTAL 83
FRONT STREET	
STA 24+56.75 RT WHITE	STOP BAR - RT TURN LANE 18.7
STA 24+70.84 RT WHITE	STOP BAR 12.0
	SUB-TOTAL 31
MAIN STREET	
STA 33+54.7 RT WHITE	STOP BAR 29.7
	SUB-TOTAL 30
	TOTAL BOONE COUNTY 143
	TOTAL 143
78001110 PAINT PAVEMENT MARKING - LINE 4" (2 COATS)	
LOCATION	FOOT
REMARKS	REMARKS
MAINLINE - WINNEBAGO COUNTY	
STA 259+34 TO 262+40 YELLOW	DOUBLE NO PASS 1,224
STA 262+40 TO 263+16.3 YELLOW	LT SOLID/RT SKIP 191
	TOTAL YELLOW (WINNEBAGO COUNTY) 1,415
STA 259+34 TO 263+16.3 RT WHITE	EOP 765
STA 259+34 TO 263+16.3 LT WHITE	EOP 765
	TOTAL WHITE (WINNEBAGO COUNTY) 1,530
	TOTAL WINNEBAGO COUNTY 2,945
MAINLINE - BOONE COUNTY	
STA 0+00 TO 10+03.2 CL YELLOW	LT SOLID/RT SKIP 2,508
STA 10+03.2 TO 27+45.6 CL YELLOW	SKIP DASH 871
STA 27+45.6 TO 36+43.2 CL YELLOW	RT SOLID/LT SKIP 2,244
STA 36+43.2 TO 46+99.2 CL YELLOW	LT SOLID/RT SKIP 2,640
STA 46+99.2 TO 97+15.2 CL YELLOW	SKIP DASH 2,508
STA 97+15.2 TO 104+75.4 CL YELLOW	RT SOLID/LT SKIP 1,901
STA 139+28 TO 145+20 CL YELLOW	LT SOLID/RT SKIP 1,480
STA 145+20 TO 228+00 CL YELLOW	SKIP DASH 4,140
	TOTAL YELLOW (BOONE COUNTY) 18,292
STA 0+00 TO 44+85 RT WHITE	EOP 8,970
STA 0+00 TO 110+44 LT WHITE	EOP 22,088
STA 45+60 TO 51+21 RT WHITE	EOP 1,122
STA 51+91 TO 111+20 RT WHITE	EOP 11,858
STA 111+14 TO 173+58 LT WHITE	EOP 12,488
STA 174+51 TO 228+00 LT WHITE	EOP 10,698
STA 111+80 TO 125+32 RT WHITE	EOP 2,704
STA 125+52 TO 130+48 LT WHITE	EOP 992
STA 131+25 TO 228+00 RT WHITE	EOP 19,350
	TOTAL WHITE (BOONE COUNTY) 90,270
	TOTAL BOONE COUNTY 108,562
	TOTAL 111,507

SCHEDULE OF QUANTITIES

78100100 RAISED REFLECTIVE PAVEMENT MARKER

<u>LOCATION</u>	<u>REMARKS</u>	<u>EACH</u>
MAINLINE - WINNEBAGO COUNTY		
STA 260+67	CL TWO-WAY AMBER	2
STA 261+47 TO 263+16.3	CL TWO-WAY AMBER (80' O.C.)	2
TOTAL WINNEBAGO		4
MAINLINE - BOONE COUNTY (TWO-WAY AMBER)		
STA 0+00 TO 104+01.6	CL TWO-WAY AMBER (80' O.C.)	131
STA 104+77 TO 110+35.3	LT TWO-WAY AMBER (40' O.C.)	15
STA 104+77 TO 110+35.3	RT TWO-WAY AMBER (40' O.C.)	21
STA 111+74.2 TO 118+54	RT/LT TWO-WAY AMBER (20' /40' O.C.)	29
STA 111+74.2 TO 118+53.2	RT TWO-WAY AMBER (40' O.C.)	18
STA 119+46.1 TO 124+65.5	RT/LT TWO-WAY AMBER (20' /40' O.C.)	19
STA 119+46.1 TO 124+65.5	RT TWO-WAY AMBER (40' O.C.)	14
STA 125+50.4 TO 130+64.1	LT TWO-WAY AMBER (40' O.C.)	14
STA 125+50.4 TO 130+64.1	RT TWO-WAY AMBER (40' O.C.)	14
STA 131+48.9 TO 137+08.6	RT/LT TWO-WAY AMBER (20' /40' O.C.)	22
STA 131+48.9 TO 137+08.6	RT TWO-WAY AMBER (40' O.C.)	15
STA 137+80.8 TO 228+00	CL TWO-WAY AMBER (80' O.C.)	114
SUB-TOTAL		426
CALEDONIA ROAD - BOONE COUNTY		
STA 4+68 TO 5+57.7	CL TWO-WAY AMBER (40' O.C.)	7
STA 6+43.4 TO 7+33.5	CL TWO-WAY AMBER (40' O.C.)	7
SUB-TOTAL		14
MAIN STREET - BOONE COUNTY		
STA 32+65.5 TO 33+55.7	TWO-WAY AMBER (40' O.C.)	7
SUB-TOTAL		7
SUB-TOTAL BOONE COUNTY (TWO-WAY AMBER)		447
TOTAL (TWO-WAY AMBER)		451
MAINLINE - BOONE COUNTY (ONE-WAY CRYSTAL)		
STA 109+56 TO 110+35.3	RT ONE-WAY CRYSTAL (20' O.C.)	5
STA 109+56 TO 110+35.3	RT ONE-WAY CRYSTAL (20' O.C.)	5
STA 111+74.4 TO 113+95.6	LT ONE-WAY CRYSTAL (20' O.C.)	12
STA 119+46.1 TO 120+26.1	LT ONE-WAY CRYSTAL (20' O.C.)	5
STA 131+48.9 TO 132+46.1	LT ONE-WAY CRYSTAL (20' O.C.)	6
SUB-TOTAL BOONE COUNTY (ONE-WAY CRYSTAL)		33
TOTAL BOONE COUNTY (TWO-WAY AMBER + ONE-WAY CRYSTAL)		480
TOTAL		484

78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

<u>LOCATION</u>	<u>EACH</u>
MAINLINE - WINNEBAGO COUNTY	
STA 260+67	2
TOTAL WINNEBAGO COUNTY	
2	
MAINLINE - BOONE COUNTY	
STA 104+90 TO 139+10	178
TOTAL BOONE COUNTY	
178	
TOTAL	
180	

X6062700 CONCRETE GUTTER, TYPE A (SPECIAL)

<u>LOCATION</u>	<u>FOOT</u>
MAINLINE	
STA 131+26.1 TO 131+81.0	59.3
TOTAL BOONE COUNTY	
60	
TOTAL	
60	

Z0007430 TEMPORARY SIDEWALK

<u>LOCATION</u>	<u>SO FT</u>
MAINLINE	
STA 131+38.2 TO 132+16.9	487.0
SUB-TOTAL	
487	
BIKE PATH	
STA 43+55.7 TO 43+93.5	384.2
STA 44+46.9 TO 44+89.7	429.2
SUB-TOTAL	
813	
TOTAL BOONE COUNTY	
1,300	
TOTAL	
1,300	

78200005 GUARDRAIL REFLECTORS, TYPE A

<u>LOCATION</u>	<u>EACH</u>
MAINLINE	
STA 196+45.30 TO 196+57.80	2
STA 198+15.38 TO 199+02.88	2
STA 196+63.50 TO 198+51.00	3
TOTAL BOONE COUNTY	
7	
TOTAL	
7	

HOT-MIX ASPHALT SCHEDULE

40600275 40600290 40600535 40600637 40600982 40600990 40603340

LOCATION	REMARKS	HOT-MIX ASPHALT						BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (TACK COAT) 2 APPLICATION	LEVELING BINDER (HM) N70	LEVELING BINDER (MM), IL-9.5FG, N70	HMA SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMP	HMA SURF CSE MIX "D" N70 (INCLUDES JT. TRIMMING)
		PAVEMENT			JOINT TRIMMING									
		LENGTH	WIDTH	AREA	LENGTH	WIDTH	AREA							
STATION TO STATION		FT	FT	SQ YD	FT	FT	SQ YD	POUND	POUND	TON	TON	SQ YD	SQ YD	TON
IL 173 - WINNEBAGO COUNTY														
260+41 - 260+93.5	BUTT JOINT	52.5	26.3	153.5	52.5	0.5	2.9	---	105.6	0.1	2.1	87.7	14.6	13.1
260+93.5 - 263+16.3	1/2" MILLING	222.8	26.2	649.6	222.8	0.5	12.4	---	446.9	0.6	36.4	---	---	55.6
TOTALS (IL 173 - WINNEBAGO COUNTY)								---	552	1	39	88	15	68.7

IL 173 - BOONE COUNTY														
0+00 - 12+60	1/2" MILLING	1,260.0	26.3	3,685.0	1,260.0	0.5	70.0	---	2,534.6	1.2	206.4	---	---	315.4
12+60 - 13+12.5	TRANSITION	52.5	30.2	176.2	52.5	0.5	2.9	---	120.9	0.05	9.9	---	---	15.0
13+12.5 - 19+05	2 1/4" MILLING	592.5	28.7	1,886.6	592.5	0.5	32.9	---	1,295.7	0.6	105.7	---	---	167.3
19+05 - 19+57.5	TRANSITION	52.5	30.8	179.8	52.5	0.5	2.9	---	123.4	0.05	10.1	---	---	16.0
19+57.5 - 35+27.5	1/2" MILLING	1,570.0	25.8	4,500.7	1,570.0	0.5	87.2	---	3,096.8	1.5	252.0	---	---	385.4
35+27.5 - 35+80	TRANSITION	52.5	25.8	150.5	52.5	0.5	2.9	---	103.6	0.05	8.4	---	---	12.9
35+80 - 40+43	2 1/4" MILLING	463.0	25.8	1,327.3	463.0	0.5	25.7	---	913.3	0.4	74.3	---	---	113.7
40+43 - 40+95.5	TRANSITION	52.5	25.8	150.5	52.5	0.5	2.9	---	103.6	0.05	8.4	---	---	12.9
40+95.5 - 104+32.5	1/2" MILLING	6,337.0	25.8	18,166.1	6,337.0	0.5	352.1	---	12,499.7	6.0	1,017.3	---	---	1,555.5
104+32.5 - 108+42.3	1/2" MILLING	409.8	32.3	1,470.0	409.8	0.5	22.8	---	1,007.6	0.4	82.3	---	---	125.4
108+42.3 - 110+56	1/2" MILLING - 3 JTS.	213.7	53.1	1,261.3	641.1	0.5	35.6	---	875.4	0.2	70.6	---	---	108.9
110+56 - 121+95	1/2" MILLING - 2 JTS.	1,139.0	36.7	4,641.9	2,278.0	0.5	126.6	---	3,218.7	1.1	259.9	---	---	400.6
121+95 - 123+82.5	1/2" MILLING - 2 JTS.	187.5	33.8	705.2	375.0	0.5	20.8	---	490.1	0.2	39.5	---	---	61.0
123+82.5 - 124+35	TRANSITION - 2 JTS.	52.5	29.3	170.6	105.0	0.5	5.8	---	119.1	0.1	9.6	---	---	14.8
124+35 - 125+15	2 1/4" MILLING	80	26.9	239.1	80.0	0.5	4.4	---	164.4	0.2	13.4	---	---	20.5
125+15 - 126+82	2 1/4" MILLING	167	24.9	461.9	167.0	0.5	9.3	---	318.1	0.5	25.9	---	---	39.6
126+82 - 131+00	2 1/4" MILLING - 2 JTS.	418	30.4	1,410.7	836.0	0.5	46.4	---	983.5	1.2	79.0	---	---	122.4
131+00 - 134+37	2 1/4" MILLING - 2 JTS.	337.0	36.4	1,361.6	674.0	0.5	37.4	---	944.3	1.0	76.2	---	---	117.5
134+37 - 136+60	2 1/4" MILLING - 2 JTS.	223.0	33.1	821.1	446.0	0.5	24.8	---	571.0	0.6	46.0	---	---	71.1
136+60 - 137+12.5	TRANSITION	52.5	27.7	161.8	52.5	0.5	2.9	---	111.2	0.1	9.1	---	---	13.8
137+12.5 - 227+47.5	1/2" MILLING	9,035.0	26.2	26,279.1	9,035.0	0.5	501.9	---	18,077.2	8.6	1,471.6	---	---	2,249.6
227+47.5 - 228+00	BUTT JOINT	52.5	26.1	152.1	52.5	0.5	2.9	---	104.6	0.1	2.1	130.4	14.5	13.0
SUB-TOTALS (IL 173 - BOONE COUNTY)								---	47,777	24	3,878	130	14	5,952

CALEDONIA ROAD														
111+01 LT	1/2" MILLING	N/A	VAR	1,060.6	---	---	---	---	715.9	---	59.4	93.8	18.8	89.1
111+22 RT	1/2" MILLING	N/A	VAR	656.8	---	---	---	---	443.4	---	36.8	179.6	35.9	55.2
BIKE PATH														
43+55.7 - 43+82.7	2" THICK	27.0	10	30.5	---	---	---	68.6	20.6	---	---	---	---	---
44+56.9 - 44+89.7	2" THICK	32.8	10	36.6	---	---	---	82.4	20.6	---	---	---	---	---
SUB-TOTALS (CALEDONIA ROAD/BIKE PATH - BOONE COUNTY)								151	1,200	---	96	273	55	144
TOTALS (BOONE COUNTY)								151	48,977	24	3,974	404	69	6,097
TOTALS (WINNEBAGO & BOONE COUNTIES)								151	49,530	25	4,013	492	84	6,166

HOT-MIX ASPHALT SCHEDULE

40603415 44000158 44300200 70300100 70300150 Z0004405 X4400196

LOCATION	REMARKS	HOT-MIX ASPHALT						HMA SURF CSE, IL-9.5FG, N50	HMA SURFACE REMOVAL, 2 1/4"	STRIP REFLECTIVE CRACK CONTROL TREATMENT	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	HOT-MIX ASPHALT SCARIFICATION	HMA SURFACE REMOVAL, SPECIAL
		PAVEMENT			JOINT TRIMMING									
		LENGTH	WIDTH	AREA	LENGTH	WIDTH	AREA							
STATION TO STATION		FT	FT	SQ YD	FT	FT	SQ YD	TON	SQ YD	FOOT	FOOT	SQ FT	SQ YD	SQ YD
IL 173 - WINNEBAGO COUNTY														
260+41 - 260+93.5	BUTT JOINT	52.5	26.3	153.5	52.5	0.5	2.9	---	---	105	15.8	1.8	65.8	2.9
260+93.5 - 263+16.3	1/2" MILLING	222.8	26.2	649.6	222.8	0.5	12.4	---	---	446	66.8	7.4	649.6	12.4
TOTALS (IL 173 - WINNEBAGO COUNTY)								---	---	551	83	9	715	15

IL 173 - BOONE COUNTY														
0+00 - 12+60	1/2" MILLING	1,260.0	26.3	3,685.0	1,260.0	0.5	70.0	---	---	2,520	378.0	42.0	3,685.0	70.0
12+60 - 13+12.5	TRANSITION	52.5	30.2	176.2	52.5	0.5	2.9	---	176.2	105	15.8	1.8	---	2.9
13+12.5 - 19+05	2 1/4" MILLING	592.5	28.7	1,886.6	592.5	0.5	32.9	---	1,886.6	1,185	177.8	19.8	---	32.9
19+05 - 19+57.5	TRANSITION	52.5	30.8	179.8	52.5	0.5	2.9	---	179.8	105	15.8	1.8	---	2.9
19+57.5 - 35+27.5	1/2" MILLING	1,570.0	25.8	4,500.7	1,570.0	0.5	87.2	---	---	3,140	471.0	52.3	4,500.7	87.2
35+27.5 - 35+80	TRANSITION	52.5	25.8	150.5	52.5	0.5	2.9	---	150.5	105	15.8	1.8	---	2.9
35+80 - 40+43	2 1/4" MILLING	463.0	25.8	1,327.3	463.0	0.5	25.7	---	1,327.3	926	138.9	15.4	---	25.7
40+43 - 40+95.5	TRANSITION	52.5	25.8	150.5	52.5	0.5	2.9	---	150.5	105	15.8	1.8	---	2.9
40+95.5 - 104+32.5	1/2" MILLING	6,337.0	25.8	18,166.1	6,337.0	0.5	352.1	---	---	12,674	1,901.1	211.2	18,166.1	352.1
104+32.5 - 108+42.3	1/2" MILLING	409.8	32.3	1,470.0	409.8	0.5	22.8	---	---	---	122.9	13.7	---	22.8
108+42.3 - 110+56	1/2" MILLING - 3 JTS.	213.7	53.1	1,261.3	641.1	0.5	35.6	---	---	---	64.1	7.1	---	35.6
110+56 - 121+95	1/2" MILLING - 2 JTS.	1,139.0	36.7	4,641.9	2,278.0	0.5	126.6	---	---	---	341.7	38.0	4,641.9	126.6
121+95 - 123+82.5	1/2" MILLING - 2 JTS.	187.5	33.8	705.2	375.0	0.5	20.8	---	---	---	56.3	6.3	705.2	20.8
123+82.5 - 124+35	TRANSITION - 2 JTS.	52.5	29.3	170.6	105.0	0.5	5.8	---	170.6	---	15.8	1.8	---	5.8
124+35 - 125+15	2 1/4" MILLING	80	26.9	239.1	80.0	0.5	4.4	---	239.1	---	24.0	2.7	---	4.4
125+15 - 126+82	2 1/4" MILLING	167	24.9	461.9	167.0	0.5	9.3	---	461.9	---	50.1	5.6	---	9.3
126+82 - 131+00	2 1/4" MILLING - 2 JTS.	418	30.4	1,410.7	836.0	0.5	46.4	---	1,410.7	---	125.4	13.9	---	46.4
131+00 - 134+37	2 1/4" MILLING - 2 JTS.	337.0	36.4	1,361.6	674.0	0.5	37.4	---	1,361.6	---	101.1	11.2	---	37.4
134+37 - 136+60	2 1/4" MILLING - 2 JTS.	223.0	33.1	821.1	446.0	0.5	24.8	---	821.1	---	66.9	7.4	---	24.8
136+60 - 137+12.5	TRANSITION	52.5	27.7	161.8	52.5	0.5	2.9	---	161.8	105	15.8	1.8	---	2.9
137+12.5 - 227+47.5	1/2" MILLING	9,035.0	26.2	26,279.1	9,035.0	0.5	501.9	---	---	18,070	2,710.5	301.2	26,279.1	501.9
227+47.5 - 228+00	BUTT JOINT	52.5	26.1	152.1	52.5	0.5	2.9	---	---	105	15.8	1.8	65.2	2.9
SUB-TOTALS (IL 173 - BOONE COUNTY)								---	8,498	39,145	6,840	760	58,043	1,421

CALEDONIA ROAD														
111+01 LT	1/2" MILLING	N/A	VAR	1,060.6	---	---	---	---	---	---	173.0	57.7	1,060.6	---
111+22 RT	1/2" MILLING	N/A	VAR	656.8	---	---	---	---	---	---	103.0	34.3	656.8	---
BIKE PATH														
43+55.7 - 43+82.7	2" THICK	27.0	10	30.5	---	---	---	3.4	---	---	---	---	---	---
44+56.9 - 44+89.7	2" THICK	32.8	10	36.6	---	---	---	4.1	---	---	---	---	---	---
SUB-TOTALS (CALEDONIA ROAD/BIKE PATH - BOONE COUNTY)								8	---	---	276	92	1,717	0
TOTALS (BOONE COUNTY)								8	8,498	39,145	7,116	852	59,761	1,421
TOTALS (WINNEBAGO & BOONE COUNTIES)								8	8,498	39,696	7,199	861	60,476	1,436

SHOULDER SCHEDULE - EB

40600290 40603310 44000158 48102100 70300100 70300150 Z0004405

LOCATION	REMARKS	LENGTH	HMA SHOULDER		AGGREGATE SHOULDER		BITUMINOUS MATERIALS (TACK COAT)	HMA SURF CSE MIX "C" N50 (SHLDRS)	HMA SURFACE REMOVAL - 2 1/4"	AGGREGATE WEDGE SHOULDER TYPE B	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	HOT-MIX ASPHALT SCARIFICATION	
			WIDTH	AREA	WIDTH	AREA								
			FT	SQ YD	FT	SQ YD								
IL 173 EB SHLDRS (WINNEBAGO COUNTY)														
260+41 - 263+16.3	AGG. - 1/2" MILLING	275.3	---	---	4	122.4	---	---	---	23.5	---	---	---	
SUB-TOTALS IL 173 EB SHLDRS (WINNEBAGO CO.)			---	---	122	---	---	---	24	---	---	---		

IL 173 EB SHLDRS (BOONE COUNTY)														
0+00 - 13+12.5	AGG. - 1/2" MILLING	1,312.5	---	---	5	729.2	---	---	---	140.1	---	---	---	
13+12.5 - 18+13	HMA - 2 1/4" MILLING	500.5	5	278.1	---	---	125.13	38.93	278.1	---	48.0	16.0	---	
18+13 - 30+71	AGG. - 1/2" MILLING	1,258.0	---	---	5	698.9	---	---	---	134.3	---	---	---	
31+27 - 33+40	AGG. - 1/2" MILLING	213.0	---	---	5	118.3	---	---	---	22.7	---	---	---	
34+30 - 37+80	AGG. - 1/2" & 2 1/4" MILLING	350.0	---	---	5	194.4	---	---	---	37.4	---	---	---	
38+40 - 40+28	AGG. - 2 1/4" MILLING	188.0	---	---	5	104.4	---	---	---	20.1	---	---	---	
40+86 - 41+79	AGG. - TRANSITION AREA & 1/2" MILLING	93.0	---	---	5	51.7	---	---	---	9.9	---	---	---	
42+76 - 44+86	AGG. - 1/2" MILLING	210.0	---	---	5	116.7	---	---	---	22.4	---	---	---	
45+56 - 48+06	AGG. - 1/2" MILLING	250.0	---	---	5	138.9	---	---	---	26.7	---	---	---	
48+80 - 51+26	AGG. - 1/2" MILLING	246.0	---	---	5	136.7	---	---	---	26.3	---	---	---	
51+86 - 55+03	AGG. - 1/2" MILLING	317.0	---	---	5	176.1	---	---	---	33.8	---	---	---	
55+54 - 56+79	AGG. - 1/2" MILLING	125.0	---	---	5	69.4	---	---	---	13.3	---	---	---	
57+33 - 58+23	AGG. - 1/2" MILLING	90.0	---	---	5	50.0	---	---	---	9.6	---	---	---	
58+86 - 61+32	AGG. - 1/2" MILLING	246.0	---	---	5	136.7	---	---	---	26.3	---	---	---	
62+34 - 66+71	AGG. - 1/2" MILLING	437.0	---	---	5	242.8	---	---	---	46.7	---	---	---	
67+32 - 90+75	AGG. - 1/2" MILLING	2,343.0	---	---	6	1,562.0	---	---	---	300.2	---	---	---	
90+75 - 91+75	AGG/HMA - 1/2" MILLING	100.0	5	55.6	2	22.2	25.00	7.00	---	4.3	16.0	5.3	55.6	
91+75 - 104+00	HMA - 1/2" MILLING	1,225.0	7	952.8	---	---	428.75	120.05	---	---	106.0	35.3	952.8	
104+00 - 105+00	AGG/HMA - 1/2" MILLING	100.0	4	44.4	2	22.2	20.00	5.60	---	4.3	---	---	44.4	
105+00 - 108+42	AGG/HMA - 1/2" MILLING	342.0	3	114.0	5	190.0	51.30	14.36	---	36.5	---	---	114.0	
108+42 - 111+20	HMA - 1/2" MILLING	291.3	3	97.1	---	---	43.70	12.23	---	---	---	---	97.1	
112+54 - 124+35	AGG/HMA - TRANSITION AREA	1,181.0	3	393.7	2	262.4	177.15	55.11	22.5	50.4	---	---	393.7	
125+89 - 129+97	HMA - 2 1/4" MILLING	408.0	6	272.0	---	---	122.40	38.08	272.0	---	40.6	13.5	---	
131+82 - 133+27	HMA - 2 1/4" MILLING	145.0	6	96.7	---	---	43.50	13.53	96.7	---	19.6	6.5	---	
133+27 - 136+60	AGG/HMA - 2 1/4" MILLING	333.0	3	111.0	4	148.0	49.95	15.54	111.0	12.6	---	---	---	
136+60 - 137+12.5	AGG/HMA - TRANSITION AREA	52.5	3	17.5	4	23.3	7.88	2.45	17.5	4.5	---	---	---	
137+12.5 - 139+44	AGG/HMA - 1/2" MILLING	231.5	3	77.2	4	102.9	34.73	9.72	---	19.8	---	---	77.2	
139+44 - 141+79	AGG. - 1/2" MILLING	235.0	---	---	4	104.4	---	---	---	20.1	---	---	---	
142+93 - 164+00	AGG. - 1/2" MILLING	2,107.0	---	---	5	1,170.6	---	---	---	225.0	---	---	---	
164+50 - 168+75	AGG. - 1/2" MILLING	425.0	3	141.7	---	---	63.75	17.85	---	---	---	---	---	
170+09 - 171+15	AGG. - 1/2" MILLING	106.0	---	---	5	58.9	---	---	---	11.3	---	---	---	
171+58 - 195+00	AGG. - 1/2" MILLING	2,342.0	---	---	5	1,301.1	---	---	---	250.1	---	---	---	
195+00 - 200+00	HMA - 2 1/4"	500.0	VAR	355.0	---	---	159.75	49.70	---	---	---	---	---	
200+00 - 226+96	AGG. - 1/2" MILLING	2,696.0	---	---	5	1,497.8	---	---	---	287.9	---	---	---	
SUB-TOTALS IL 173 EB SHLDRS (BOONE CO.)			3,007	---	9,430	1,353	400	798	1,797	230	77	1,735		
TOTALS IL 173 EB SHLDRS (WINNEBAGO & BOONE CO.)			3,007	---	9,552	1,353	400	798	1,820	230	77	1,735		

TOTAL + 2 PERCENT CONTINGENCY FOR SAFETY EDGE 408

FILE NAME =	USER NAME = Karkir	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SHOULDER SCHEDULE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 2\Projects\64J41\Drawings\Development\Studies & Plans\REVISED\CAD\Sheets\02_64J41-sht-schedule.dgn						303	(129,130RS)	BOONE & WINNEBAGO	105	33
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 64J41		ILLINOIS FED. AID PROJECT		

SHEET OF SHEETS STA. TO STA.

SHOULDER SCHEDULE - WB

40600290 40603310 44000158 48102100 70300100 70300150 20004405

LOCATION	REMARKS	LENGTH	HMA SHOULDER		AGGREGATE SHOULDER		BITUMINOUS MATERIALS (TACK COAT)	HMA SURF CSE MIX *C* N50 (SHLDRS)	HMA SURFACE REMOVAL - 2 1/4"	AGGREGATE WEDGE SHOULDER, TYPE B	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	HOT-MIX ASPHALT SCARIFICATION	
			WIDTH	AREA	WIDTH	AREA								
			FT	SQ YD	FT	SQ YD								
IL 173 WB SHLDRS (WINNEBAGO COUNTY)														
260+41 - 263+16.3	AGG. - 1/2" MILLING	275.3	---	---	4	122.4	---	---	---	23.5	---	---	---	
SUB-TOTALS IL 173 WB SHLDRS (WINNEBAGO CO.)			---	---	122	---	---	---	24	---	---	---		
IL 173 WB SHLDRS (BOONE COUNTY)														
0+00 - 14+11	AGG. - 1/2" MILLING	1,411.0	---	---	5	783.9	---	---	---	150.7	---	---	---	
14+11 - 18+97	HMA - 2 1/4" MILLING	486.0	7	378.0	---	---	170.10	52.92	378.0	---	46.9	15.6	---	
18+97 - 23+19	AGG. - 1/2" MILLING	422.0	---	---	5	234.4	---	---	---	45.1	---	---	---	
23+71 - 25+31	AGG. - 1/2" MILLING	160.0	---	---	5	88.9	---	---	---	17.1	---	---	---	
25+94 - 26+69	AGG. - 1/2" MILLING	75.0	---	---	5	41.7	---	---	---	8.0	---	---	---	
26+93 - 27+79	AGG. - 1/2" MILLING	86.0	---	---	3	28.7	---	---	---	5.5	---	---	---	
28+11 - 30+73	AGG. - 1/2" MILLING	262.0	---	---	5	145.6	---	---	---	28.0	---	---	---	
31+65 - 32+86	AGG. - 1/2" MILLING	121.0	---	---	5	67.2	---	---	---	12.9	---	---	---	
33+38 - 37+30	AGG. - 1/2" MILLING & TRANSITION AREA	392.0	---	---	5	217.8	---	---	---	41.9	---	---	---	
37+62 - 74+35	AGG. - 2 1/4" & 1/2" MILLING	3,673.0	---	---	5	2,040.6	---	---	---	392.2	---	---	---	
74+97 - 90+75	AGG. - 1/2" MILLING	1,578.0	---	---	5	876.7	---	---	---	168.5	---	---	---	
90+75 - 91+75	AGG/HMA - 1/2" MILLING	100.0	5	55.6	2	22.2	25.00	7.00	---	4.3	16.0	5.3	55.6	
91+75 - 104+00	HMA - 1/2" MILLING	1,225.0	7	952.8	---	---	428.75	120.05	---	---	106.0	35.3	952.8	
104+00 - 105+00	AGG/HMA - 1/2" MILLING	100.0	4	44.4	2	22.2	20.00	5.60	---	4.3	---	---	44.4	
105+00 - 108+42	AGG/HMA - 1/2" MILLING	342.0	3	114.0	5	190.0	51.30	14.36	---	36.5	---	---	114.0	
108+42 - 110+44	HMA - 1/2" MILLING	296.9	5	164.9	---	---	74.23	20.78	---	---	24.2	8.1	164.9	
111+82 - 124+35	AGG/HMA - TRANSITION AREA	1,253.0	3	417.7	4	556.9	187.95	58.47	22.5	107.0	---	---	---	
124+35 - 125+23	AGG/HMA - 2 1/4" MILLING	88.0	3	29.3	4	39.1	13.20	4.11	29.3	7.5	---	---	---	
125+23 - 136+99	HMA - 2 1/4" MILLING	1,176.0	6	784.0	---	---	352.80	109.76	784.0	---	102.1	34.0	---	
136+99 - 137+12.5	AGG/HMA - TRANSITION AREA	13.5	3	4.5	4	6.0	2.03	0.63	4.5	1.2	---	---	---	
137+12.5 - 139+52	AGG/HMA - 1/2" MILLING	239.5	3	79.8	4	106.4	35.93	10.06	---	20.5	---	---	79.8	
139+52 - 141+26	AGG. - 1/2" MILLING	174.0	---	---	5	96.7	---	---	---	18.6	---	---	---	
142+67 - 152+94	AGG. - 1/2" MILLING	1,027.0	---	---	5	570.6	---	---	---	109.7	---	---	---	
153+58 - 156+22	AGG. - 1/2" MILLING	264.0	---	---	5	146.7	---	---	---	28.2	---	---	---	
156+60 - 160+18	AGG. - 1/2" MILLING	358.0	---	---	5	198.9	---	---	---	38.2	---	---	---	
160+71 - 161+82	AGG. - 1/2" MILLING	111.0	---	---	5	61.7	---	---	---	11.9	---	---	---	
162+35 - 162+99	AGG. - 1/2" MILLING	64.0	---	---	5	35.6	---	---	---	6.8	---	---	---	
163+49 - 167+59	AGG. - 1/2" MILLING	410.0	---	---	5	227.8	---	---	---	43.8	---	---	---	
168+16 - 170+52	AGG. - 1/2" MILLING	236.0	---	---	5	131.1	---	---	---	25.2	---	---	---	
171+11 - 172+09	AGG. - 1/2" MILLING	98.0	---	---	5	54.4	---	---	---	10.5	---	---	---	
172+41 - 173+70	AGG. - 1/2" MILLING	129.0	---	---	5	71.7	---	---	---	13.8	---	---	---	
174+38 - 186+65	AGG. - 1/2" MILLING	1,227.0	---	---	5	681.7	---	---	---	131.0	---	---	---	
187+28 - 194+61	AGG. - 1/2" MILLING	733.0	---	---	5	407.2	---	---	---	78.3	---	---	---	
195+27.8 - 200+00	HMA - 2 1/4"	472.2	VAR	365.0	---	---	164.25	45.99	---	---	---	---	---	
200+00 - 209+00	AGG. - 1/2" MILLING	900.0	---	---	5	500.0	---	---	---	96.1	---	---	---	
209+85 - 227+02	AGG. - 1/2" MILLING	1,717.0	---	---	5	953.9	---	---	---	183.3	---	---	---	
227+02 - 228+00	AGG. - 1/2" MILLING	98.0	---	---	5	54.4	---	---	---	10.5	---	---	---	
SUB-TOTALS IL 173 WB SHLDRS (BOONE COUNTY)			3,390	9,660	1,526	450	1,218	1,857	295	98	1,412			
TOTALS IL 173 WB SHLDRS (WINNEBAGO & BOONE CO.)			3,390	9,783	1,526	450	1,218	1,880	295	98	1,412			

TOTAL + 2 PERCENT CONTINGENCY FOR SAFETY EDGE 459

FILE NAME =	USER NAME = Karkir	DESIGNED -	REVISED -
pw:\IL084EBIDINTEG\Illinois.gov\PIWIDOT\Documents\DOT Offices\District 2\Projects\64J1\Drawings\Development\Studies & Plans\Revised\CAD\Sheets\02_64J1-shl-schedule.dgn		CHECKED -	REVISED -
Default	PLOT DATE = 12/6/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SHOULDER SCHEDULE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	(129,130RS)	BOONE & WINNEBAGO	105	34
CONTRACT NO. 64J1				
SHEET OF SHEETS		STA.	TO STA.	
ILLINOIS FED. AID PROJECT				

SIDEROAD & ENTRANCE SCHEDULE

Location	Remarks	Width at Back	Surface Area	Bituminous Materials (Prime Coat)	Bituminous Materials (Tack Coat)	HMA Surface Removal - Butt Joint	Temporary Ramp	Incidental Hot-Mix Asphalt Surfacing	HMA Surface Removal, 2 1/4"		
		Feet	SqYd	Pound	Pound	SqYd	SqYd	Ton	SqYd		
40600275 40600290 40600982 40600990 40800050 44000158											
IL Route 173											
Boone County											
Lt Sta 23+58	PE	Includes MB Turnout	11	72.2		32.5			10.1		
Lt Sta 25+51	PE	Includes MB Turnout	11	95.0		42.7			13.3		
Lt Sta 26+83	PE	Includes MB Turnout	11	69.6		31.3			9.7		
Lt Sta 27+90	PE	Ex Aggregate Surface	11	86.0	193.5				12.0		
Rt Sta 30+90	PE	Ex Aggregate Surface	9	66.8	150.4				9.4		
Lt Sta 30+90	PE		11	57.0		25.7			8.0		
Lt Sta 31+10	PE	Includes MB Turnout	12	98.2		44.2			13.7		
Lt Sta 33+22	PE	Ex Aggregate Surface	11	76.0	171.0				10.6		
Rt Sta 33+62	PE	Includes MB Turnout	18	130.1		58.5			18.2		
Lt Sta 37+51	PE	Ex Aggregate Surface	8	46.3	104.2				6.5		
Rt Sta 40+46	PE	Includes MB Turnout	7	84.0		37.8			11.8		
Rt Sta 41+94	PE	Includes MB Turnout	12	72.4		32.6			10.1		
Rt Sta 42+55	PE	Includes MB Turnout	11	82.7		37.2			11.6		
Rt Sta 45+20	SR	Ivy Oaks Drive	27	133.1		59.9	74.4	14.9	18.6		
Rt Sta 48+33	PE	Ex Aggregate Surface	13	110.4	248.4				15.5		
Rt Sta 51+57	SR	Ivy Oaks Drive	22	123.4		55.5	60.6	12.1	17.3		
Rt Sta 55+16	PE	Includes MB Turnout	14	88.4		39.8			12.4		
Rt Sta 56+95	PE	Includes MB Turnout	18	92.4		41.6			12.9		
Rt Sta 58+40	PE	Includes MB Turnout	12	98.0		44.1			13.7		
Rt Sta 61+64	PE	Ex Aggregate Surface	12	129.9	292.3				18.2		
Rt Sta 67+07	PE	Ex Aggregate Surface	26	124.5	280.2				17.4		
Lt Sta 74+49	PE	Includes MB Turnout	22	105.0		47.2			14.7		
Rt Sta 118+85	CE		29	126.5		56.9			17.7		
Rt Sta 120+97	CE		25	100.9		45.4			14.1		
Rt Sta 121+52	PE		10	71.9		32.4			10.1		
Rt Sta 122+21	PE		17	84.8		38.2			11.9		
Lt Sta 122+31	PE		19	111.4		50.1			15.6		
Rt Sta 125+43	SR	Front Street	24	462.8		208.3			64.8	462.8	
Rt Sta 130+49	SR	Main Street	37	884.2		397.9			123.8	884.2	
Lt Sta 141+52	PE	Ex Aggregate Surface	13	104.6	235.3				14.6		
Lt Sta 142+30	PE	Ex Aggregate Surface	18	146.6	329.8				20.5		
Rt Sta 142+69	PE	Includes MB Turnout	15	87.5		39.4			12.3		
Lt Sta 153+12	PE	Includes MB Turnout	12	70.9		31.9			9.9		
Lt Sta 156+44	PE		19	48.7		21.9			6.8		
Lt Sta 160+64	PE	Includes MB Turnout	10	52.0		23.4			7.3		
Lt Sta 162+20	PE	Includes MB Turnout	10	59.4		26.7			8.3		
Lt Sta 163+37	PE		11	51.9		23.3			7.3		
Lt Sta 167+88	PE		35	126.8		57.1			17.8		
Rt Sta 169+57	PE	Includes MB Turnout	17	104.9		47.2			14.7		
Lt Sta 170+95	PE	Includes MB Turnout	10	67.0		30.1			9.4		
Rt Sta 171+37	PE	Ex Aggregate Surface	23	82.7	186.1				11.6		
Lt Sta 172+24	PE		10	41.6		18.7			5.8		
Lt Sta 174+03	SR	Wyman School Road	28	192.2		86.5			26.9		
Lt Sta 187+05	PE	Includes MB Turnout	12	80.1		36.0			11.2		
Lt Sta 195+08	PE		14	93.8		42.2			13.1		
Lt Sta 209+53	PE	Includes MB Turnout	22	126.2		56.8			17.7		
Lt Sta 227+21	PE		11	81.6		36.7			11.4		
Rt Sta 227+68	PE		20	251.0		113.0			35.1		
				Total		2,191.3	2,150.8	135.0	27.0	805.5	1,347.0

PARTIAL DEPTH PAVEMENT PATCHING SCHEDULE

PARTIAL DEPTH PAVEMENT PATCHING - EB									
RT STATION	RT TO STATION	REMARKS	LENGTH OF PATCH	AREA OF PATCH	40600290	40601005	44000165	44002224	44300200
			(feet)	(SY)	BIT. MATERIALS (TACK COAT) POUND	HMA REPLACEMENT OVER PATCHES TON	HMA SURFACE REMOVAL, 4" (yd ²)	HMA REMOVAL OVER PATCHES, 6" (yd ²)	STRIP REFLECTIVE CRACK CONTROL TREATMENT (feet)
IL 173 - WINNEBAGO COUNTY									
260+41	262+ 06	3' Edge Patch (DS 38.4) - 4" Mill	165	55.0	24.8	12.3	55.0	---	165
TOTAL (EB) - WINNEBAGO COUNTY			165	55	25	12	55	0	165
IL 173 - BOONE COUNTY									
10+15	10+ 50	6' Patch (Half-Lane) - 6" Mill	35	24.0	16.2	8.1	---	24.0	36
12+00	12+ 84	6' Patch (Half-Lane) - 6" Mill	84	56.7	38.3	19.0	---	56.7	85
20+45	21+ 85	6' Patch (Half-Lane) - 6" Mill	140	94.0	63.5	31.6	---	94.0	141
27+90	28+ 83	6' Patch (Half-Lane) - 6" Mill	93	62.7	42.3	21.1	---	62.7	94
29+29	30+ 98	6' Patch (Half-Lane) - 6" Mill	169	113.3	76.5	38.1	---	113.3	170
30+98	31+ 52	Full Lane Patch - 6" Mill	54	79.4	53.6	26.7	---	79.4	---
34+75	35+ 66	3' Edge Patch (DS 38.4) - 4" Mill	91	30.3	13.7	6.8	30.3	---	91
39+16	39+ 63	6' Patch (Half-Lane) - 6" Mill	47	32.0	21.6	10.8	---	32.0	48
40+54	40+ 66	Full Lane Patch - 6" Mill	12	18.8	12.7	6.3	---	18.8	---
41+43	41+ 54	Full Lane Patch - 6" Mill	11	17.3	11.7	5.8	---	17.3	---
46+93	47+ 04	Full Lane Patch - 6" Mill	11	17.3	11.7	5.8	---	17.3	---
49+43	50+ 94	6' Patch (Half-Lane) - 6" Mill	151	101.3	68.4	34.0	---	101.3	152
52+30	52+ 76	6' Patch (Half-Lane) - 6" Mill	46	31.3	21.2	10.5	---	31.3	47
57+88	58+ 46	3' Edge Patch (DS 38.4) - 4" Mill	58	19.3	8.7	4.3	19.3	---	58
62+73	63+ 57	3' Edge Patch (DS 38.4) - 4" Mill	84	28.0	12.6	6.3	28.0	---	84
64+57	64+ 93	6' Patch (Half-Lane) - 6" Mill	36	24.7	16.7	8.3	---	24.7	37
64+93	65+ 83	3' Edge Patch (DS 38.4) - 4" Mill	90	30.0	13.5	6.7	30.0	---	90
65+83	67+ 16	6' Patch (Half-Lane) - 6" Mill	133	89.3	60.3	30.0	---	89.3	134
67+74	68+ 08	6' Patch (Half-Lane) - 6" Mill	34	23.3	15.8	7.8	---	23.3	35
68+08	68+ 97	3' Edge Patch (DS 38.4) - 4" Mill	89	29.7	13.4	6.6	29.7	---	89
79+63	80+ 19	3' Edge Patch (DS 38.4) - 4" Mill	56	18.7	8.4	4.2	18.7	---	56
81+09	83+ 41	6' Patch (Half-Lane) - 6" Mill	232	155.3	104.9	52.2	---	155.3	233
139+51	139+ 95	3' Edge Patch (DS 38.4) - 4" Mill	44	14.7	6.6	3.3	14.7	---	44
139+95	140+ 44	Full Lane Patch - 6" Mill	49	72.2	48.8	24.3	---	72.2	---
140+44	141+ 96	Full Lane Patch - 6" Mill	152	221.0	149.2	74.3	---	221.0	---
143+86	144+ 45	3' Edge Patch (DS 38.4) - 4" Mill	59	19.7	8.9	4.4	19.7	---	59
144+88	145+ 21	3' Edge Patch (DS 38.4) - 4" Mill	33	11.0	5.0	2.5	11.0	---	33
150+64	151+ 29	Full Lane Patch - 6" Mill	65	95.3	64.4	32.0	---	95.3	---
153+66	154+ 44	3' Edge Patch (DS 38.4) - 4" Mill	78	26.0	11.7	5.8	26.0	---	78
157+50	159+ 22	3' Edge Patch (DS 38.4) - 4" Mill	172	57.3	25.8	12.8	57.3	---	172
159+83	160+ 79	3' Edge Patch (DS 38.4) - 4" Mill	96	32.0	14.4	7.2	32.0	---	96
160+79	160+ 87	Full Lane Patch - 6" Mill	8	13.0	8.8	4.4	---	13.0	---
160+87	161+ 23	6' Patch (Half-Lane) - 6" Mill	36	24.7	16.7	8.3	---	24.7	37
161+23	163+ 50	3' Edge Patch (DS 38.4) - 4" Mill	227	75.7	34.1	16.9	75.7	---	227
163+90	164+ 74	3' Edge Patch (DS 38.4) - 4" Mill	84	28.0	12.6	6.3	28.0	---	84
167+31	168+ 41	3' Edge Patch (DS 38.4) - 4" Mill	110	74.0	33.3	24.9	74.0	---	110
168+41	168+ 57	6' Patch (Half-Lane) - 6" Mill	16	5.7	3.8	1.3	---	5.7	17
168+57	168+ 94	3' Edge Patch (DS 38.4) - 4" Mill	37	12.3	5.6	2.8	12.3	---	37
170+32	170+ 89	3' Edge Patch (DS 38.4) - 4" Mill	57	19.0	8.6	4.3	19.0	---	57
180+11	180+ 29	3' Edge Patch (DS 38.4) - 4" Mill	18	6.0	2.7	1.3	6.0	---	18
181+12	181+ 22	Full Lane Patch - 6" Mill	10	15.9	10.7	5.3	---	15.9	---
181+88	182+ 12	3' Edge Patch (DS 38.4) - 4" Mill	24	8.0	3.6	1.8	8.0	---	24
182+37	182+ 92	3' Edge Patch (DS 38.4) - 4" Mill	55	18.3	8.3	4.1	18.3	---	55
184+76	185+ 27	3' Edge Patch (DS 38.4) - 4" Mill	51	17.0	7.7	3.8	17.0	---	51
185+27	185+ 43	Full Lane Patch - 6" Mill	16	24.6	16.6	8.3	---	24.6	---
187+35	188+ 29	3' Edge Patch (DS 38.4) - 4" Mill	94	31.3	14.1	7.0	31.3	---	94
188+29	188+ 91	6' Patch (Half-Lane) - 6" Mill	62	42.0	28.4	14.1	---	42.0	63
188+91	189+ 06	Full Lane Patch - 6" Mill	15	23.1	15.6	7.8	---	23.1	---
194+28	195+ 17	3' Edge Patch (DS 38.4) - 4" Mill	89	29.7	13.4	6.6	29.7	---	89
195+92	196+ 31	3' Edge Patch (DS 38.4) - 4" Mill	39	13.0	5.9	2.9	13.0	---	39
197+72	199+ 30	3' Edge Patch (DS 38.4) - 4" Mill	158	52.7	23.7	11.8	52.7	---	158
199+30	199+ 50	6' Patch (Half-Lane) - 6" Mill	20	14.0	9.5	4.7	---	14.0	21
199+41	199+ 58	Full Lane Patch - 6" Mill	17	26.0	17.6	8.7	---	26.0	---
199+58	200+ 22	6' Patch (Half-Lane) - 6" Mill	64	43.3	29.3	14.6	---	43.3	65
201+01	201+ 35	Full Lane Patch - 6" Mill	34	50.6	34.1	17.0	---	50.6	---
203+44	205+ 95	6' Patch (Half-Lane) - 6" Mill	251	168.0	113.4	56.4	---	168.0	252
206+36	207+ 04	3' Edge Patch (DS 38.4) - 4" Mill	68	22.7	10.2	5.1	22.7	---	68
207+04	207+ 18	6' Patch (Half-Lane) - 6" Mill	14	10.0	6.8	3.4	---	10.0	15
210+81	211+ 80	3' Edge Patch (DS 38.4) - 4" Mill	99	33.0	14.9	7.4	33.0	---	99
214+55	214+ 82	3' Edge Patch (DS 38.4) - 4" Mill	27	9.0	4.1	2.0	9.0	---	27
214+82	215+ 51	Full Lane Patch - 6" Mill	69	101.1	68.3	34.0	---	101.1	---
216+23	216+ 57	Full Lane Patch - 6" Mill	34	50.6	34.1	17.0	---	50.6	---
218+22	218+ 72	Full Lane Patch - 6" Mill	50	73.7	49.7	24.8	---	73.7	---
219+95	220+ 20	Full Lane Patch - 6" Mill	25	37.6	25.4	12.6	---	37.6	---
222+24	223+ 30	Full Lane Patch - 6" Mill	106	154.6	104.3	51.9	---	154.6	---
226+23	226+ 90	Full Lane Patch - 6" Mill	67	98.2	66.3	33.0	---	98.2	---
TOTAL (EB) - BOONE COUNTY			4,655	3,072	1,901	954	766	2,306	3,869
TOTAL (EB)			4,820	3,127	1,926	966	821	2,306	4,034

PARTIAL DEPTH PAVEMENT PATCHING - WB									
LT STATION	LT TO STATION	REMARKS	LENGTH OF PATCH	AREA OF PATCH	40600290	40601005	44000165	44002224	44300200
			(feet)	(SY)	BIT. MATERIALS (TACK COAT) POUND	HMA REPLACEMENT OVER PATCHES TON	HMA SURFACE REMOVAL, 4" (yd ²)	HMA REMOVAL OVER PATCHES, 6" (yd ²)	STRIP REFLECTIVE CRACK CONTROL TREATMENT (feet)
IL 173 - WINNEBAGO COUNTY									
262+08	262+52	Full Lane Patch - 6" Mill	44	65.0	43.9	21.8	---	65.0	---
TOTAL (WB) - WINNEBAGO COUNTY			44	65	44	22	0	65	0
IL 173 - BOONE COUNTY									
1+65	2+20	3' Edge Patch (DS 38.4) - 4" Mill	55	18.3	8.3	4.1	18.3	---	55
7+97	8+32	Full Lane Patch - 6" Mill	35	52.0	35.1	17.5	---	52.0	---
22+79	23+01	3' Edge Patch (DS 38.4) - 4" Mill	22	7.3	3.3	1.6	7.3	---	22
29+35	29+64	6' Patch (Half-Lane) - 6" Mill	29	20.0	13.5	6.7	---	20.0	30
30+36	30+76	3' Edge Patch (DS 38.4) - 4" Mill	40	13.3	6.0	3.0	13.3	---	40
34+30	35+20	3' Edge Patch (DS 38.4) - 4" Mill	90	30.0	13.5	6.7	---	30.0	90
35+47	35+92	3' Edge Patch (DS 38.4) - 4" Mill	45	15.0	6.8	3.4	15.0	---	45
37+47	39+86	3' Edge Patch (DS 38.4) - 4" Mill	239	79.7	35.9	17.8	79.7	---	239
46+52	46+58	Full Lane Patch - 6" Mill	6	10.1	6.8	3.4	---	10.1	---
52+40	52+80	6' Patch (Half-Lane) - 6" Mill	40	27.3	18.5	9.2	---	27.3	41
60+00	60+22	Full Lane Patch - 6" Mill	22	33.2	22.4	11.2	---	33.2	---
63+00	63+95	6' Patch (Half-Lane) - 6" Mill	95	64.0	43.2	21.5	---	64.0	96
66+45	66+70	6' Patch (Half-Lane) - 6" Mill	25	17.3	11.7	5.8	---	17.3	26
66+70	67+16	8' Patch (Half-Lane) - 6" Mill	46	41.8	28.2	14.0	---	41.8	47
67+81	68+15	6' Patch (Half-Lane) - 6" Mill	34	23.3	15.8	7.8	---	23.3	35
73+32	74+24	3' Edge Patch (DS 38.4) - 4" Mill	92	30.7	13.8	6.9	30.7	---	92
75+42	75+81	6' Patch (Half-Lane) - 6" Mill	39	26.7	18.0	9.0	---	26.7	40
78+30	78+75	6' Patch (Half-Lane) - 6" Mill	45	30.7	20.7	10.3	---	30.7	46
79+90	80+54	6' Patch (Half-Lane) - 6" Mill	64	43.3	29.3	14.6	---	43.3	65
80+54	81+60	8' Patch (Half-Lane) - 6" Mill	106	95.1	64.2	32.0	---	95.1	107
81+60	81+95	6' Patch (Half-Lane) - 6" Mill	35	24.0	16.2	8.1	---	24.0	36
82+32	82+68	Full Lane Patch - 6" Mill	36	53.4	36.1	18.0	---	53.4	---
83+20	83+93	4' Patch (Half-Lane) - 6" Mill	73	32.9	22.2	11.1	---	32.9	74
83+93	84+73	6' Patch (Half-Lane) - 6" Mill	80	54.0	36.5	18.1	---	54.0	81
84+73	86+45	8' Patch (Half-Lane) - 6" Mill	172	153.8	103.8	51.7	---	153.8	173
86+85	87+24	6' Patch (Half-Lane) - 6" Mill	39	26.7	18.0	9.0	---	26.7	40
88+24	88+51	Full Lane Patch - 6" Mill	27	40.4	27.3	13.6	---	40.4	---
88+97	89+74	6' Patch (Half-Lane) - 6" Mill	77	52.0	35.1	17.5	---	52.0	78
105+01	105+47	Full Lane Patch - 6" Mill	46	67.9	45.8	22.8	---	67.9	---
135+60	137+21	3' Edge Patch (DS 38.4) - 4" Mill	161	53.7	24.2	12.0	53.7	---	161
141+77	141+83	Full Lane Patch - 6" Mill	6	10.1	6.8	3.4	---	10.1	---
145+45	146+91	3' Edge Patch (DS 38.4) - 4" Mill	146	48.7	21.9	10.9			

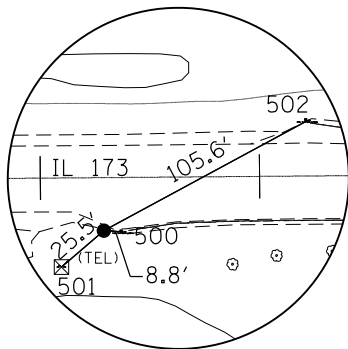
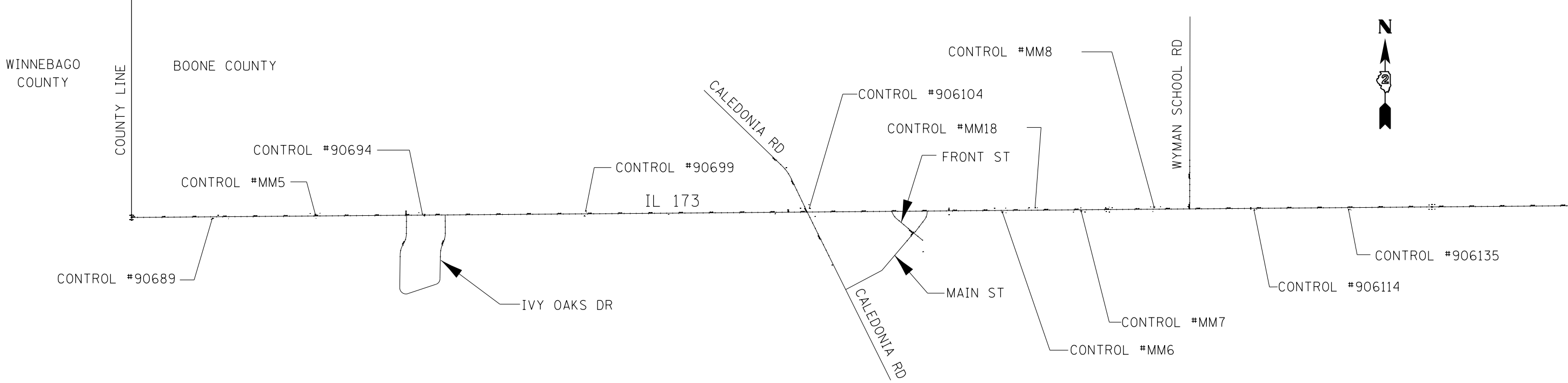
EARTHWORK SCHEDULE

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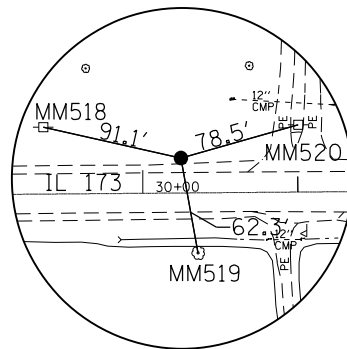
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LOCATION	EARTH EXCAVATION (CUT)	EARTH EXC ADJ SHRINKAGE 25 %	EMBANK (FILL)	EARTH WORK BALANCE WASTE (+) SHORTAGE (-)	FURNISHED EXCAVATION (FILL)
BIKE PATH	CU YD	CU YD	CU YD	CU YD	CU YD
LT & RT 43+60 - 43+90	14	11	0	11	
LT & RT 44+50 - 44+90	14	11	1	10	
IL 173					
RT 131+35 - 132+25	33	25	0	25	- 25
MAIN ST					
RT 33+61 - 33+82	10	7	0	7	
IL 173					
RT 164+25 - 169+00	8	6	159	- 153	145
LT & RT 194+75 - 200+25	130	98	189	- 91	90
TOTAL	210	157	349	- 192	210

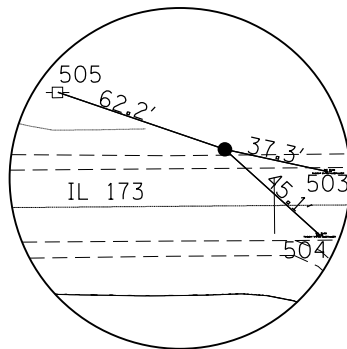
HORIZONTAL & VERTICAL CONTROL



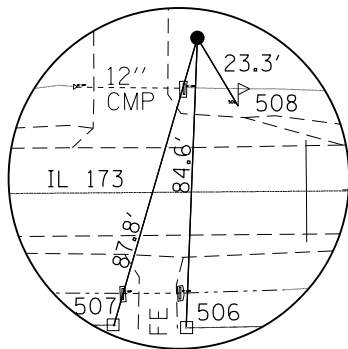
HORIZONTAL CONTROL
POINT NO. 90689



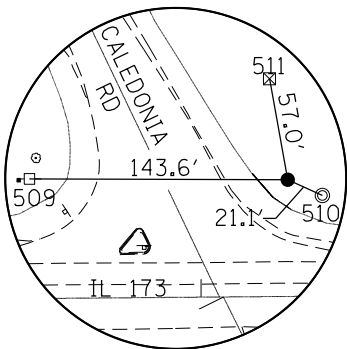
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POINT NO. MM5



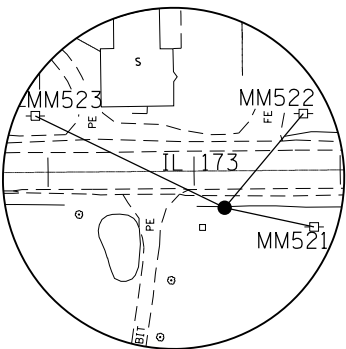
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POINT NO. 90694



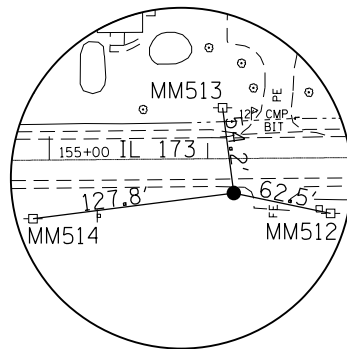
HORIZONTAL CONTROL
POINT NO. 90699



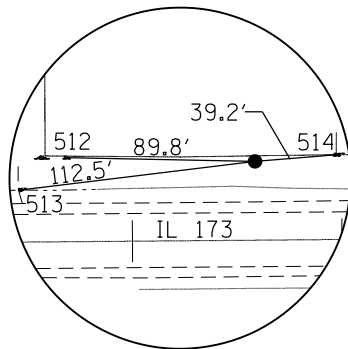
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POINT NO. 906104



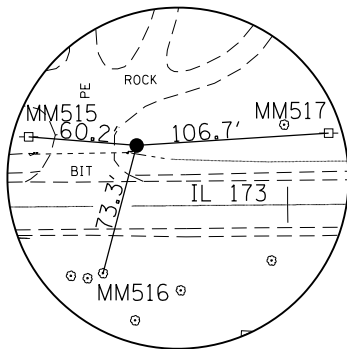
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POINT NO. MM6



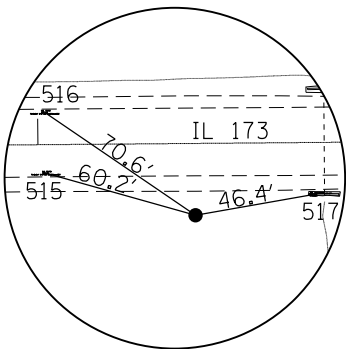
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POINT NO. MM7



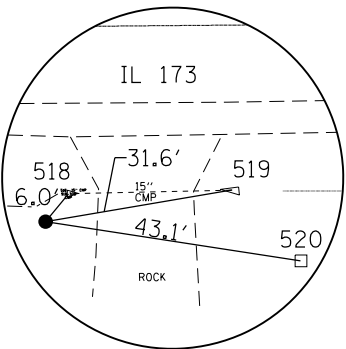
HORIZONTAL CONTROL
POINT NO. MM18



HORIZONTAL CONTROL
POINT NO. MM8



HORIZONTAL CONTROL
POINT NO. 906114



HORIZONTAL CONTROL
POINT NO. 906135

MODEL: Default
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USER NAME = Karkir	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/6/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL ROUTE 173 HORIZONTAL AND VERTICAL CONTROL			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	(129,130)RS	BOONE & WINNEBAGO	105	38
CONTRACT NO. 64J41				
ILLINOIS FED. AID PROJECT				

HORIZONTAL & VERTICAL CONTROL

HORIZONTAL CONTROL POINTS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
90689	2078077.8088	821529.3277	895.7460	EXIL173B0	13+28.7928	24.1642' RT	PHOTO CONTROL H. & V., PIN
90694	2078149.5288	824982.7500	932.5322	EXIL173B0	47+82.6781	19.9399' LT	PHOTO CONTROL H. & V., PIN
90699	2078196.1676	827668.2397	924.2313	EXIL173B0	74+68.4547	45.1247' LT	PHOTO CONTROL H. & V., PIN
906104	2078245.5796	831348.1900	916.6758	EXIL173B0	111+48.6945	64.8314' LT	PHOTO CONTROL H. & V., PIN
906114	2078212.7327	838660.7010	925.9035	EXIL173B0	184+60.6925	27.8072' RT	PHOTO CONTROL H. & V., PIN
906135	2078220.6365	840213.8356	918.9336	EXIL173B0	200+13.8398	32.6033' RT	PHOTO CONTROL H. & V., PIN
MM5	2078138.1060	823224.8620	921.1730	EXIL173B0	30+24.7552	22.5704' LT	TRAVERSE STATION, PIN
MM6	2078181.4030	834520.7900	949.3210	EXIL173B0	143+20.6637	25.2847' RT	TRAVERSE STATION, PIN
MM7	2078195.5200	835816.3040	947.1470	EXIL173B0	156+16.2498	21.7613' RT	TRAVERSE STATION, PIN
MM8	2078260.6850	837016.0500	944.0420	EXIL173B0	168+16.4886	33.5914' LT	TRAVERSE STATION, PIN
MM18	2078248.6750	835058.3840	947.6170	EXIL173B0	148+58.7898	37.5893' LT	GPS CONTROL POINT, PIN

BENCH MARKS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
404	2078245.2700	831198.7390	916.2760	EXIL173B0	109+99.2460	65.7438' LT	R.O.W. MARKER, TOP
409	2078250.4570	834956.6670	949.9900	EXIL173B0	147+57.0908	40.2029' LT	R.O.W. MARKER, TOP
414	2078271.8390	837573.9390	943.4370	EXIL173B0	173+74.4501	40.1833' LT	R.O.W. MARKER, TOP
436	2078305.1540	841582.8570	928.2500	EXIL173B0	213+83.5176	40.3417' LT	R.O.W. MARKER, TOP
489	2078070.1920	821794.8020	888.9330	EXIL173B0	15+94.1977	33.9039' RT	DISK, HEADWALL
494	2078161.3990	824712.3010	932.5930	EXIL173B0	45+12.3325	33.9701' LT	CHISELED SQUARE, HEADWALL

CURVE POINT NUMBERS					
CHAIN	CURVE	PI	CC	PC	PT
EXIL173B0	230	230	231	232	233
EXIL173B0	240	240	241	242	243
EXIL173B0	250	250	251	252	253
EXIL173B0	260	260	261	262	263
EXIL173B0	270	270	271	272	273
EXIL173B0	280	280	281	282	283
EXIL173B0	290	290	291	292	293

MODEL: Default
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USER NAME = Karkir DRAWN - PLOT SCALE = 40.0000' / in. PLOT DATE = 12/6/2018	DESIGNED - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 173 HORIZONTAL AND VERTICAL CONTROL	F.A. RTE. 303	SECTION (129,130)RS	COUNTY BOONE & WINNEBAGO	TOTAL SHEETS 105	SHEET NO. 39
SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 64J41 ILLINOIS FED. AID PROJECT					

HORIZONTAL & VERTICAL CONTROL

REFERENCE TIES						
POINT	NORTH	EAST	CHAIN	STATION	OFFSET	DESCRIPTION
500	2078077.2250	821538.1260	EXIL173B0	13+37.5862	24.8183' RT	GUARDRAIL STEEL PLATE BEAM, END
501	2078061.2160	821510.0160	EXIL173B0	13+09.3490	40.602' RT	R.O.W. MARKER, BACK
502	2078128.0000	821622.2750	EXIL173B0	14+22.1386	25.2821' LT	GUARDRAIL STEEL PLATE BEAM, END
503	2078141.6560	825019.2320	EXIL173B0	48+19.0960	11.7759' LT	PAVEMENT STATION NUMBER
504	2078119.2730	825016.2560	EXIL173B0	48+15.9413	10.5826' RT	PAVEMENT STATION NUMBER
505	2078169.6540	824923.8450	EXIL173B0	47+23.9357	40.535' LT	POWER POLE, SHINER
506	2078111.5860	827664.9700	EXIL173B0	74+64.5094	39.428' RT	FENCE CORNER, SHINER
507	2078111.8050	827643.7590	EXIL173B0	74+43.3008	39.0396' RT	FENCE CORNER, SHINER
508	2078176.2130	827680.2150	EXIL173B0	74+80.2702	25.0751' LT	MAILBOX
509	2078246.0380	831204.6180	EXIL173B0	110+05.1311	66.4637' LT	POWER POLE, SHINER
510	2078236.8850	831367.4050	EXIL173B0	111+67.8378	55.98' LT	MANHOLE
511	2078301.7040	831338.0080	EXIL173B0	111+38.9718	121.0372' LT	R.O.W. MARKER, BACK
512	2078250.4830	834968.5800	EXIL173B0	147+69.0036	40.1315' LT	FENCE POST, SHINER
513	2078235.0160	834946.6800	EXIL173B0	147+46.9779	24.8441' LT	CMP, END
514	2078251.8470	835097.4210	EXIL173B0	148+97.8514	40.4419' LT	FENCE POST, SHINER
515	2078229.0690	838602.8000	EXIL173B0	184+02.9270	10.998' RT	PAVEMENT STATION NUMBER
516	2078252.5720	838602.3930	EXIL173B0	184+02.7122	12.5075' LT	PAVEMENT STATION NUMBER
517	2078220.8630	838706.3450	EXIL173B0	185+06.4014	20.0504' RT	HEADWALL, CORNER
518	2078225.2930	840217.6740	EXIL173B0	200+17.7084	27.9785' RT	CMP, END
519	2078225.9780	840245.0180	EXIL173B0	200+45.0573	27.5246' RT	CMP, END
520	2078214.1230	840256.4530	EXIL173B0	200+56.3917	39.4758' RT	FENCE POST, SHINER
MM512	2078182.6770	835877.4720	EXIL173B0	156+77.3108	35.104' RT	POWER POLE WITH TRANSFORMER, SHINER
MM513	2078249.2850	835809.2580	EXIL173B0	156+09.6437	32.0595' LT	POWER POLE, SHINER
MM514	2078179.3240	835689.4900	EXIL173B0	154+89.3076	36.9198' RT	POWER POLE, SHINER
MM515	2078265.4400	836956.0760	EXIL173B0	167+56.5554	38.8367' LT	POWER POLE WITH TRANSFORMER, SHINER
MM516	2078189.7830	836997.3010	EXIL173B0	167+97.1604	37.1549' RT	TREE DECIDUOUS, SHINER
MM517	2078267.5220	837122.5660	EXIL173B0	169+23.0569	39.5573' LT	POWER POLE, SHINER
MM518	2078158.0170	823136.0070	EXIL173B0	29+36.0622	43.1914' LT	POWER POLE WITH TRANSFORMER, SHINER
MM519	2078076.8380	823235.8800	EXIL173B0	30+35.2828	38.7838' RT	TREE DECIDUOUS, SHINER
MM520	2078159.5590	823300.4250	EXIL173B0	31+00.4873	43.4183' LT	POWER POLE, SHINER
MM521	2078168.2810	834582.0790	EXIL173B0	143+81.8434	38.9074' RT	POWER POLE, SHINER
MM522	2078245.8090	834574.7440	EXIL173B0	143+75.1425	38.678' LT	POWER POLE, SHINER
MM523	2078244.3070	834391.2110	EXIL173B0	141+91.6034	38.6767' LT	POWER POLE WITH TRANSFORMER, SHINER

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	USER NAME = Karkir	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 173 HORIZONTAL AND VERTICAL CONTROL	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			303	(129,130)RS	BOONE & WINNEBAGO	105	40
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 64J41				
	PLOT DATE = 12/6/2018	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
										ILLINOIS FED. AID PROJECT

HORIZONTAL & VERTICAL CONTROL

APPARENT PROPERTY CORNERS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
716	2078245.4524	831198.5620	914.5194	EXIL173B0	109+99.0705	65.9277' LT	R.O.W. MARKER, BACK
717	2078218.9224	830999.9771	912.2355	EXIL173B0	108+00.2753	41.0223' LT	R.O.W. MARKER, BACK
718	2078218.5741	830992.4908	912.1343	EXIL173B0	107+92.7864	40.7353' LT	R.O.W. MARKER, BACK
719	2078192.9597	831000.2738	915.3184	EXIL173B0	108+00.3597	15.0581' LT	SECTION CORNER, DISK
720	2078107.2796	831440.5877	917.6764	EXIL173B0	112+39.9583	74.2195' RT	R.O.W. MARKER, BACK
721	2078216.9363	833641.8439	944.0455	EXIL173B0	134+42.0375	17.4343' LT	SECTION CORNER, DISK
722	2078246.9965	833640.3563	946.5237	EXIL173B0	134+40.7958	47.5057' LT	R.O.W. MARKER, BACK
723	2078139.2902	833641.2911	945.9392	EXIL173B0	134+40.8499	60.2046' RT	R.O.W. MARKER, PIN
724	2078251.8065	836323.5936	946.2824	EXIL173B0	161+23.9827	30.3753' LT	WITNESS CORNER, PIN
725	2078261.6047	836277.8248	947.1711	EXIL173B0	160+78.2956	40.5474' LT	R.O.W. CORNER, PIN
726	2078250.1297	836216.8665	946.9925	EXIL173B0	160+17.2455	29.5712' LT	REFERENCE CORNER, PIN
727	2078191.4750	836225.9727	944.9683	EXIL173B0	160+25.8718	29.156' RT	REFERENCE CORNER, PIN
728	2078181.5367	836277.0316	943.7607	EXIL173B0	160+76.8477	39.5114' RT	R.O.W. MARKER, BACK
729	2078226.4307	841534.8772	925.4936	EXIL173B0	213+34.8742	37.9733' RT	REFERENCE CORNER, PIN
730	2078225.2761	841582.1500	926.2698	EXIL173B0	213+82.1356	39.5274' RT	PROPERTY CORNER, PIN
731	2078229.2237	841630.1460	926.1104	EXIL173B0	214+30.1632	35.9856' RT	REFERENCE CORNER, PIN
732	2078302.9210	841627.4278	926.0628	EXIL173B0	214+28.0680	37.7321' LT	REFERENCE CORNER, PIN
733	2078305.3017	841582.4798	926.4076	EXIL173B0	213+83.1417	40.4926' LT	R.O.W. CORNER, PIN
734	2078298.5039	841535.7215	925.6335	EXIL173B0	213+36.3276	34.0902' LT	REFERENCE CORNER, PIN
735	2078265.2880	841582.6229	926.3087	EXIL173B0	213+82.9466	0.4791' LT	SECTION CORNER, PK NAIL

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	USER NAME = Karkir	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 173 HORIZONTAL AND VERTICAL CONTROL	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			303	(129,130)RS	BOONE & WINNEBAGO	105	41	
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 64J41					
	PLOT DATE = 12/6/2018	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO
						ILLINOIS FED. AID PROJECT					

HORIZONTAL & VERTICAL CONTROL

Chain EXIL173B0 contains:
 709 300 200 210 220 CUR 230 CUR 240 CUR 250 CUR 260 CUR 270 CUR 280 CUR 290 10-51

Beginning chain EXIL173B0 description
 =====

Point 709 N 2,078,091.34 E 820,200.38 Sta 0+00.0000
 Course from 709 to 300 89° 32' 30.2938" Dist 4,107.29'
 Point 300 N 2,078,124.19 E 824,307.55 Sta 41+07.2943
 Course from 300 to 200 89° 32' 32.2810" Dist 5,411.23'
 Point 200 N 2,078,167.42 E 829,718.60 Sta 95+18.5204
 Course from 200 to 210 89° 31' 53.3994" Dist 10,498.66'
 Point 210 N 2,078,253.27 E 840,216.91 Sta 200+17.1772
 Course from 210 to 220 89° 30' 56.7104" Dist 3,995.94'
 Point 220 N 2,078,287.04 E 844,212.71 Sta 240+13.1191
 Course from 220 to PC 230 89° 31' 24.3498" Dist 7,386.64'

Curve Data

Curve 230
 P.I. Station 319+71.2466 N 2,078,353.23 E 852,170.56
 Delta = 1° 14' 01.1577" (RT)
 Degree = 0° 06' 28.5745"
 Tangent = 571.49'
 Length = 1,142.94'
 Radius = 53,082.43'
 External = 3.08'
 Long Chord = 1,142.91'
 Mid. Ord. = 3.08'
 P.C. Station 313+99.7565 N 2,078,348.48 E 851,599.09
 P.T. Station 325+42.6924 N 2,078,345.68 E 852,742.00
 C.C. N 2,025,267.88 E 852,040.61

Course from PT 230 to PC 240 90° 45' 25.5075" Dist 8,455.74'

Curve Data

Curve 240
 P.I. Station 415+45.0607 N 2,078,226.73 E 861,743.58
 Delta = 38° 50' 39.5526" (LT)
 Degree = 3° 41' 44.7170"
 Tangent = 546.63'
 Length = 1,051.05'
 Radius = 1,550.31'
 External = 93.55'
 Long Chord = 1,031.04'
 Mid. Ord. = 88.22'
 P.C. Station 409+98.4352 N 2,078,233.95 E 861,197.00
 P.T. Station 420+49.4876 N 2,078,563.92 E 862,173.81
 C.C. N 2,079,784.13 E 861,217.49

Course from PT 240 to PC 250 51° 54' 45.9550" Dist 11,508.86'

Curve Data

Curve 250
 P.I. Station 542+57.3186 N 2,086,094.45 E 871,782.26
 Delta = 51° 58' 31.5954" (LT)
 Degree = 3° 59' 44.9637"
 Tangent = 698.98'
 Length = 1,300.74'
 Radius = 1,433.89'
 External = 161.29'
 Long Chord = 1,256.60'
 Mid. Ord. = 144.98'
 P.C. Station 535+58.3432 N 2,085,663.28 E 871,232.12
 P.T. Station 548+59.0875 N 2,086,793.42 E 871,781.50
 C.C. N 2,086,791.86 E 870,347.61

Course from PT 250 to PC 260 359° 56' 14.3596" Dist 658.73'

Curve Data

Curve 260
 P.I. Station 564+85.2507 N 2,088,419.59 E 871,779.72
 Delta = 90° 27' 26.4543" (RT)
 Degree = 5° 58' 11.6821"
 Tangent = 967.43'
 Length = 1,515.22'
 Radius = 959.74'
 External = 402.99'
 Long Chord = 1,362.69'
 Mid. Ord. = 283.82'
 P.C. Station 555+17.8166 N 2,087,452.15 E 871,780.78
 P.T. Station 570+33.0374 N 2,088,412.92 E 872,747.13
 C.C. N 2,087,453.20 E 872,740.52

Course from PT 260 to PC 270 90° 23' 40.8139" Dist 2,745.45'

Curve Data

Curve 270
 P.I. Station 603+40.5036 N 2,088,390.14 E 876,054.52
 Delta = 17° 05' 57.1976" (LT)
 Degree = 1° 31' 57.4810"
 Tangent = 562.02'
 Length = 1,115.68'
 Radius = 3,738.39'
 External = 42.01'
 Long Chord = 1,111.54'
 Mid. Ord. = 41.54'
 P.C. Station 597+78.4882 N 2,088,394.01 E 875,492.52
 P.T. Station 608+94.1639 N 2,088,551.68 E 876,592.82
 C.C. N 2,092,132.31 E 875,518.27

Course from PT 270 to PC 280 73° 17' 43.6162" Dist 311.35'

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USER NAME = Karkir	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/6/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL ROUTE 173 HORIZONTAL AND VERTICAL CONTROL			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	(129,130)RS	BOONE & WINNEBAGO	105	42
CONTRACT NO. 64J41				
ILLINOIS FED. AID PROJECT				

HORIZONTAL & VERTICAL CONTROL

Curve Data

Curve 280
P.I. Station 617+25.4001 N 2,088,790.61 E 877,388.97
 Delta = 16° 51' 48.2951" (RT)
 Degree = 1° 38' 01.0962"
 Tangent = 519.89'
 Length = 1,032.26'
 Radius = 3,507.25'
 External = 38.32'
 Long Chord = 1,028.54'
 Mid. Ord. = 37.91'
P.C. Station 612+05.5110 N 2,088,641.18 E 876,891.02
P.T. Station 622+37.7725 N 2,088,789.17 E 877,908.86
 C.C. N 2,085,281.93 E 877,899.14

Course from PT 280 to PC 290 90° 09' 31.9114" Dist 5,064.89'

Curve Data

Curve 290
P.I. Station 682+04.5094 N 2,088,772.63 E 883,875.57
 Delta = 35° 05' 32.8593" (LT)
 Degree = 2° 00' 31.6248"
 Tangent = 901.85'
 Length = 1,746.95'
 Radius = 2,852.26'
 External = 139.18'
 Long Chord = 1,719.77'
 Mid. Ord. = 132.70'
P.C. Station 673+02.6641 N 2,088,775.13 E 882,973.73
P.T. Station 690+49.6140 N 2,089,289.05 E 884,614.92
 C.C. N 2,091,627.38 E 882,981.64

Course from PT 290 to 1051 55° 03' 59.0521" Dist 7,124.25'

Point 1051 N 2,093,368.58 E 890,455.50 Sta 761+73.8663

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Ending chain EXIL173B0 description

Chain EXFRONTST contains:
 60014 60015 CUR EXFRONTST1 60016

Beginning chain EXFRONTST description
 =====

Point 60014 N 2,077,844.24 E 833,053.85 Sta 20+00.0000

Course from 60014 to 60015 309° 08' 12.7475" Dist 34.41'

Point 60015 N 2,077,865.95 E 833,027.16 Sta 20+34.4083

Course from 60015 to PC EXFRONTST1 309° 58' 59.4964" Dist 345.80'

Curve Data

Curve EXFRONTST1
P.I. Station 24+26.0664 N 2,078,117.98 E 832,727.37
 Delta = 33° 59' 45.0671" (RT)
 Degree = 38° 11' 49.8708"
 Tangent = 45.85'
 Length = 89.00'
 Radius = 150.00'
 External = 6.85'
 Long Chord = 87.70'
 Mid. Ord. = 6.55'
P.C. Station 23+80.2128 N 2,078,088.16 E 832,762.20
P.T. Station 24+69.2137 N 2,078,162.18 E 832,715.17
 C.C. N 2,078,202.09 E 832,859.77

Course from PT EXFRONTST1 to 60016 344° 34' 20.3171" Dist 30.78'

Point 60016 N 2,078,191.86 E 832,706.98 Sta 24+99.9963

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Ending chain EXFRONTST description

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	USER NAME = Karkir	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 173 HORIZONTAL AND VERTICAL CONTROL	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN -	REVISIED -				303	(129,130)RS	BOONE & WINNEBAGO	105	43	
	PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISIED -			CONTRACT NO. 64J41					
	PLOT DATE = 12/6/2018	DATE -	REVISIED -			SCALE:	SHEET	OF	SHEETS	STA.	TO
						ILLINOIS		FED. AID PROJECT			

HORIZONTAL & VERTICAL CONTROL

Chain EXMAINST contains:

Beginning chain EXMAINST description
 =====

Point 60017 N 2,077,861.81 E 833,091.37 Sta 30+00.0000
 Course from 60017 to 60018 39° 42' 35.2039" Dist 48.81'
 Point 60018 N 2,077,899.36 E 833,122.56 Sta 30+48.8143
 Course from 60018 to 60019 33° 33' 11.1759" Dist 84.03'
 Point 60019 N 2,077,969.39 E 833,169.00 Sta 31+32.8481
 Course from 60019 to PC EXMAINST1 39° 00' 28.3969" Dist 102.21'

Curve Data

Curve EXMAINST1
 P.I. Station 32+86.8998 N 2,078,089.24 E 833,265.79
 Delta = 19° 12' 52.2782" (LT)
 Degree = 18° 42' 24.6438"
 Tangent = 51.84'
 Length = 102.71'
 Radius = 306.28'
 External = 4.36'
 Long Chord = 102.23'
 Mid. Ord. = 4.30'
 P.C. Station 32+35.0561 N 2,078,048.81 E 833,233.33
 P.T. Station 33+37.7699 N 2,078,138.10 E 833,283.13
 C.C. N 2,078,240.55 E 832,994.49

Course from PT EXMAINST1 to 60020 19° 32' 34.3129" Dist 62.22'
 Point 60020 N 2,078,196.74 E 833,303.95 Sta 33+99.9947

=====
 Ending chain EXMAINST description

Chain EXCALESOUTH contains:
 60000 60001 60002 60003 60004

Beginning chain EXCALESOUTH description
 =====

Point 60000 N 2,077,641.96 E 831,578.37 Sta 0+00.0000
 Course from 60000 to 60001 333° 38' 02.0209" Dist 297.41'
 Point 60001 N 2,077,908.43 E 831,446.29 Sta 2+97.4091
 Course from 60001 to 60002 333° 46' 30.4443" Dist 157.15'
 Point 60002 N 2,078,049.41 E 831,376.84 Sta 4+54.5600
 Course from 60002 to 60003 333° 53' 37.7845" Dist 77.78'
 Point 60003 N 2,078,119.25 E 831,342.62 Sta 5+32.3391
 Course from 60003 to 60004 334° 47' 00.8909" Dist 67.66'
 Point 60004 N 2,078,180.46 E 831,313.79 Sta 5+99.9996

=====
 Ending chain EXCALESOUTH description

Chain EXCALENORTH contains:

Beginning chain EXCALENORTH description
 =====

Point 60005 N 2,078,180.44 E 831,310.19 Sta 6+00.0000
 Course from 60005 to 60006 334° 27' 19.7505" Dist 322.54'
 Point 60006 N 2,078,471.45 E 831,171.11 Sta 9+22.5400
 Course from 60006 to 60007 334° 21' 33.2854" Dist 49.23'
 Point 60007 N 2,078,515.83 E 831,149.81 Sta 9+71.7737
 Course from 60007 to 60008 334° 16' 04.4914" Dist 45.96'
 Point 60008 N 2,078,557.23 E 831,129.85 Sta 10+17.7314
 Course from 60008 to 60009 334° 20' 27.1085" Dist 55.40'
 Point 60009 N 2,078,607.17 E 831,105.87 Sta 10+73.1295
 Course from 60009 to 60010 334° 24' 21.5465" Dist 60.46'
 Point 60010 N 2,078,661.70 E 831,079.75 Sta 11+33.5931
 Course from 60010 to 60011 334° 24' 06.7336" Dist 54.45'
 Point 60011 N 2,078,710.81 E 831,056.22 Sta 11+88.0469
 Course from 60011 to 60012 332° 34' 29.5670" Dist 70.03'
 Point 60012 N 2,078,772.97 E 831,023.96 Sta 12+58.0787
 Course from 60012 to 60013 324° 56' 27.5120" Dist 141.71'
 Point 60013 N 2,078,888.97 E 830,942.56 Sta 13+99.7899

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 Ending chain EXCALENORTH description

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USER NAME = Karkir	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/6/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL ROUTE 173 HORIZONTAL AND VERTICAL CONTROL			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	(129,130)RS	BOONE & WINNEBAGO	105	44
CONTRACT NO. 64J41				
		ILLINOIS	FED. AID PROJECT	

HORIZONTAL & VERTICAL CONTROL

Chain EXBIKEPATH contains:
 60023 60024 60025 60026 60027 60028 60029 60030 60031 60032 60033 60034 60035 -
 60036 60037 60038

Beginning chain EXBIKEPATH description
 =====

Point 60023 N 2,077,880.29 E 833,081.06 Sta 40+00.0000
 Course from 60023 to 60024 310° 40' 41.3208" Dist 36.99'
 Point 60024 N 2,077,904.40 E 833,053.01 Sta 40+36.9860
 Course from 60024 to 60025 315° 26' 05.3121" Dist 34.85'
 Point 60025 N 2,077,929.23 E 833,028.55 Sta 40+71.8338
 Course from 60025 to 60026 323° 53' 47.2820" Dist 32.96'
 Point 60026 N 2,077,955.85 E 833,009.14 Sta 41+04.7893
 Course from 60026 to 60027 330° 25' 35.3645" Dist 48.82'
 Point 60027 N 2,077,998.31 E 832,985.04 Sta 41+53.6077
 Course from 60027 to 60028 329° 05' 50.9127" Dist 26.25'
 Point 60028 N 2,078,020.83 E 832,971.56 Sta 41+79.8543
 Course from 60028 to 60029 328° 00' 34.3330" Dist 25.21'
 Point 60029 N 2,078,042.22 E 832,958.20 Sta 42+05.0666
 Course from 60029 to 60030 320° 35' 18.5449" Dist 35.93'
 Point 60030 N 2,078,069.97 E 832,935.40 Sta 42+40.9936
 Course from 60030 to 60031 315° 25' 03.9805" Dist 85.63'
 Point 60031 N 2,078,130.96 E 832,875.29 Sta 43+26.6231

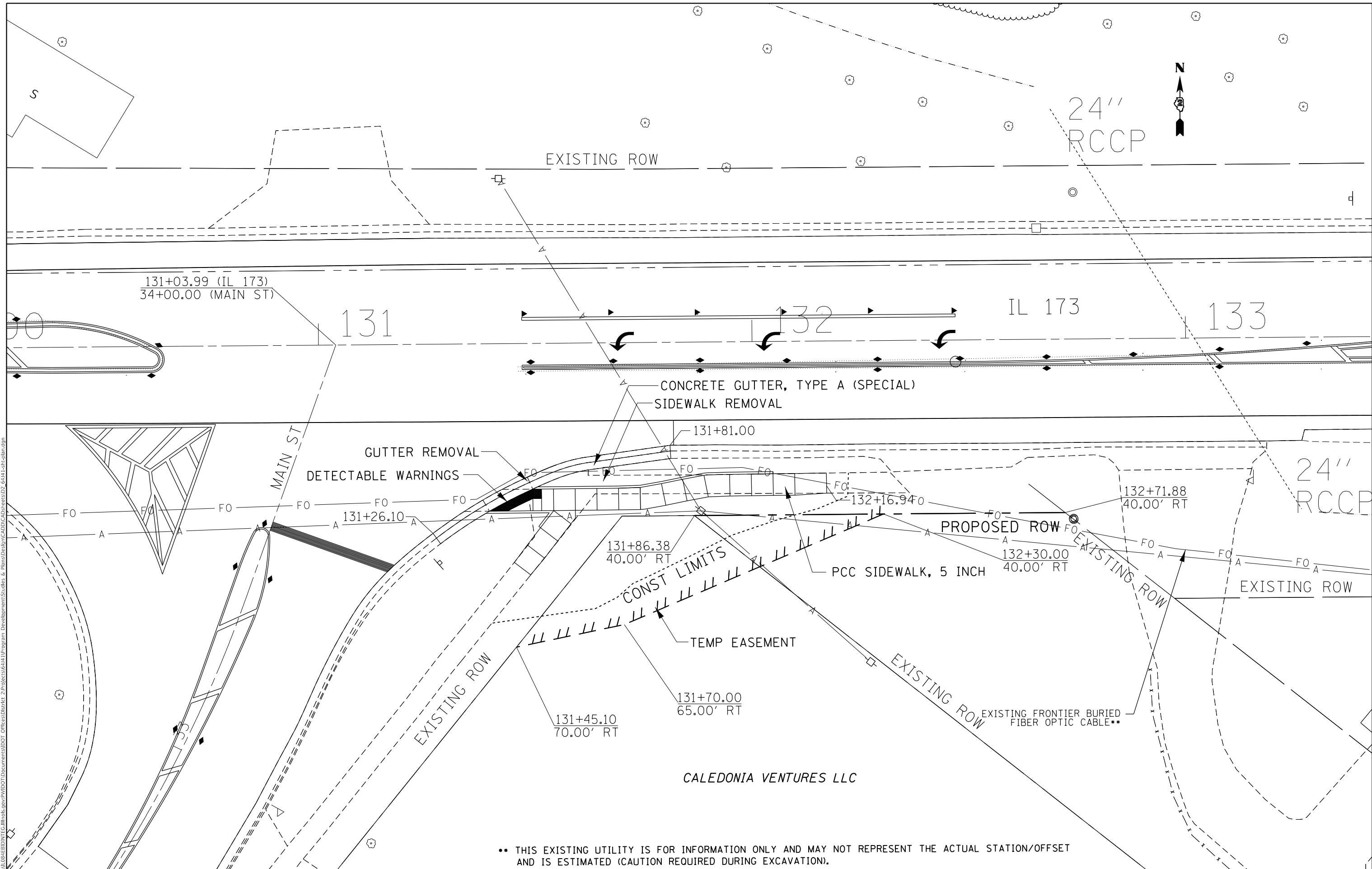
Course from 60031 to 60032 313° 50' 08.4017" Dist 29.08'
 Point 60032 N 2,078,151.10 E 832,854.31 Sta 43+55.7045
 Course from 60032 to 60033 310° 58' 15.3269" Dist 134.04'
 Point 60033 N 2,078,238.99 E 832,753.10 Sta 44+89.7475
 Course from 60033 to 60034 311° 31' 39.7970" Dist 41.37'
 Point 60034 N 2,078,266.42 E 832,722.13 Sta 45+31.1212
 Course from 60034 to 60035 308° 15' 02.3876" Dist 25.14'
 Point 60035 N 2,078,281.99 E 832,702.39 Sta 45+56.2578
 Course from 60035 to 60036 307° 59' 49.1883" Dist 48.76'
 Point 60036 N 2,078,312.00 E 832,663.96 Sta 46+05.0201
 Course from 60036 to 60037 309° 13' 09.1617" Dist 77.10'
 Point 60037 N 2,078,360.75 E 832,604.23 Sta 46+82.1177
 Course from 60037 to 60038 310° 25' 02.5427" Dist 171.07'
 Point 60038 N 2,078,471.66 E 832,473.99 Sta 48+53.1842

=====
 Ending chain EXBIKEPATH description

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	USER NAME = Karkir PLOT SCALE = 40.0000 ' / in. PLOT DATE = 12/6/2018	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 173 HORIZONTAL AND VERTICAL CONTROL	F.A. RTE. 303	SECTION (129,130)RS	COUNTY BOONE & WINNEBAGO	TOTAL SHEETS 105	SHEET NO. 45				
						SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT	
											CONTRACT NO. 64J41			

MODEL: Default
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•• THIS EXISTING UTILITY IS FOR INFORMATION ONLY AND MAY NOT REPRESENT THE ACTUAL STATION/OFFSET AND IS ESTIMATED (CAUTION REQUIRED DURING EXCAVATION).

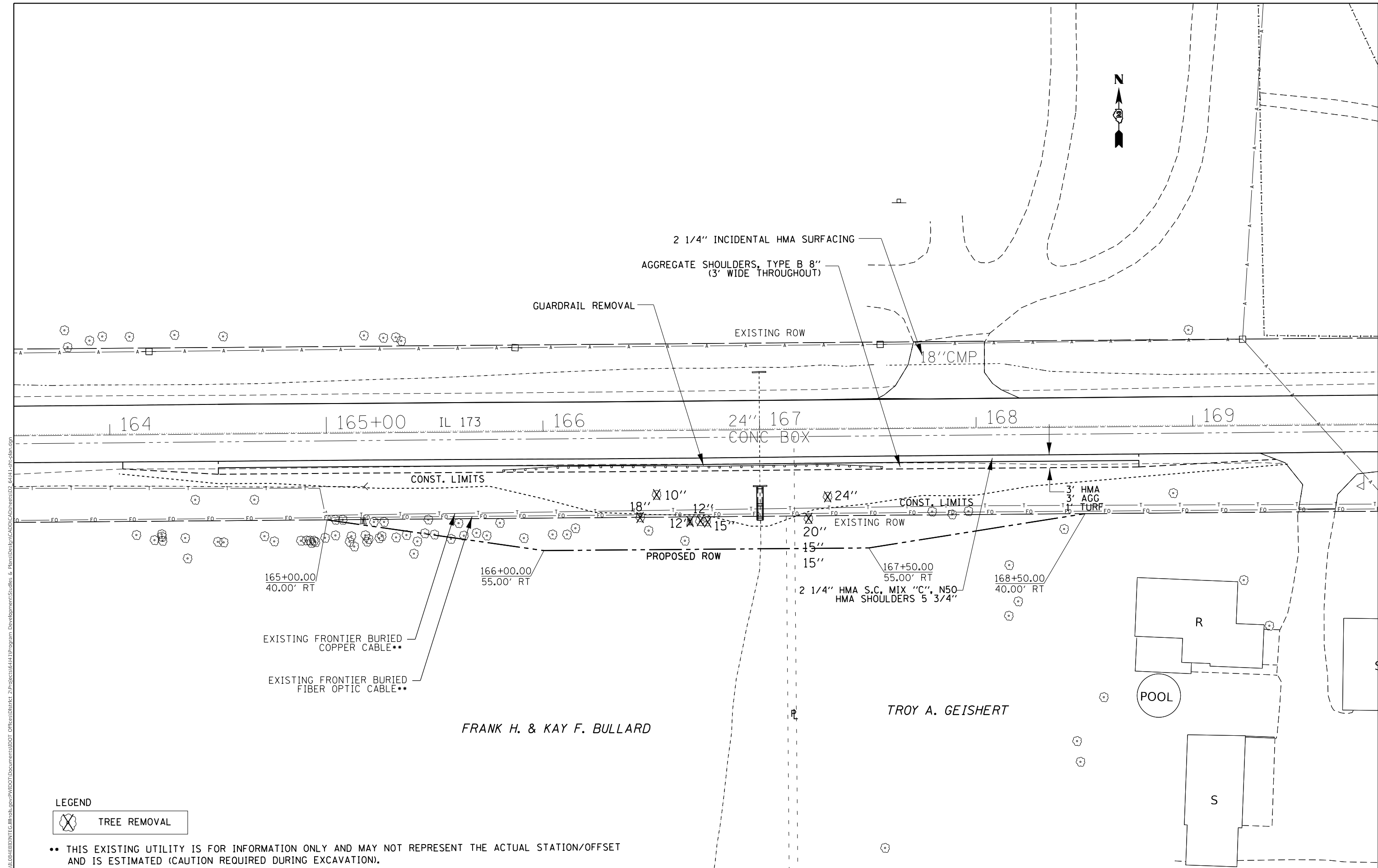
CALEDONIA VENTURES LLC

USER NAME = Karkir	DESIGNED -	REVISED -
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PLOT DATE = 12/21/2018	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL ROUTE 173 PLAN SHEET				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*303	(129,130) RS	BOONE/WINNEB	105	46
CONTRACT NO. 64J41				
ILLINOIS FED. AID PROJECT				



LEGEND

 TREE REMOVAL

•• THIS EXISTING UTILITY IS FOR INFORMATION ONLY AND MAY NOT REPRESENT THE ACTUAL STATION/OFFSET AND IS ESTIMATED (CAUTION REQUIRED DURING EXCAVATION).

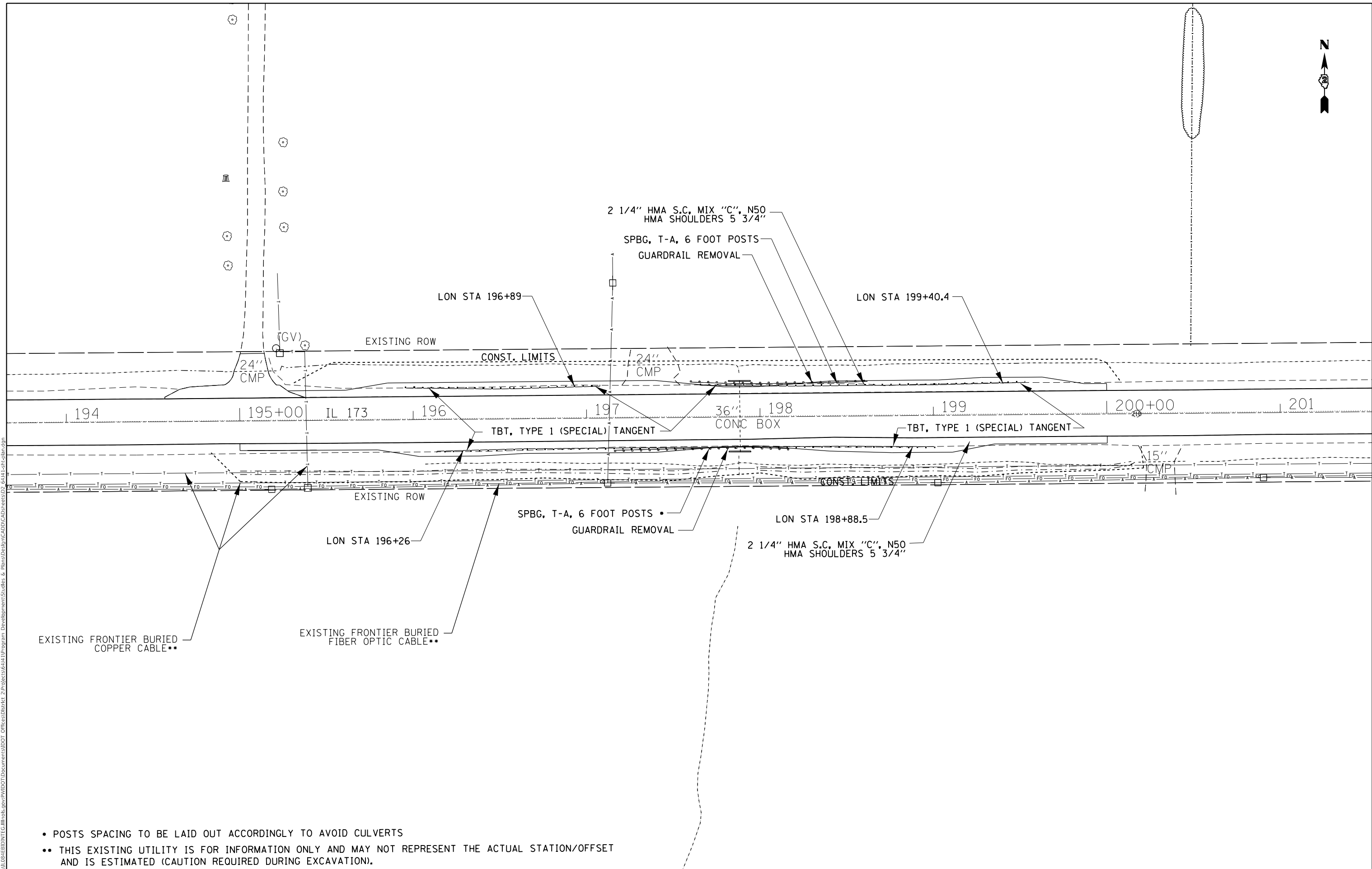
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	DRAWN -	REVISED -
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PLOT DATE = 12/21/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL ROUTE 173 PLAN SHEET	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A. RTE. *303	SECTION (129.130) RS	COUNTY BOONE/WINNEB	TOTAL SHEETS 105	SHEET NO. 47
CONTRACT NO. 64J41				
ILLINOIS FED. AID PROJECT				

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- POSTS SPACING TO BE LAID OUT ACCORDINGLY TO AVOID CULVERTS
- THIS EXISTING UTILITY IS FOR INFORMATION ONLY AND MAY NOT REPRESENT THE ACTUAL STATION/OFFSET AND IS ESTIMATED (CAUTION REQUIRED DURING EXCAVATION).

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DRAWN -	REVISED -	REVISED -
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PLOT DATE = 12/21/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

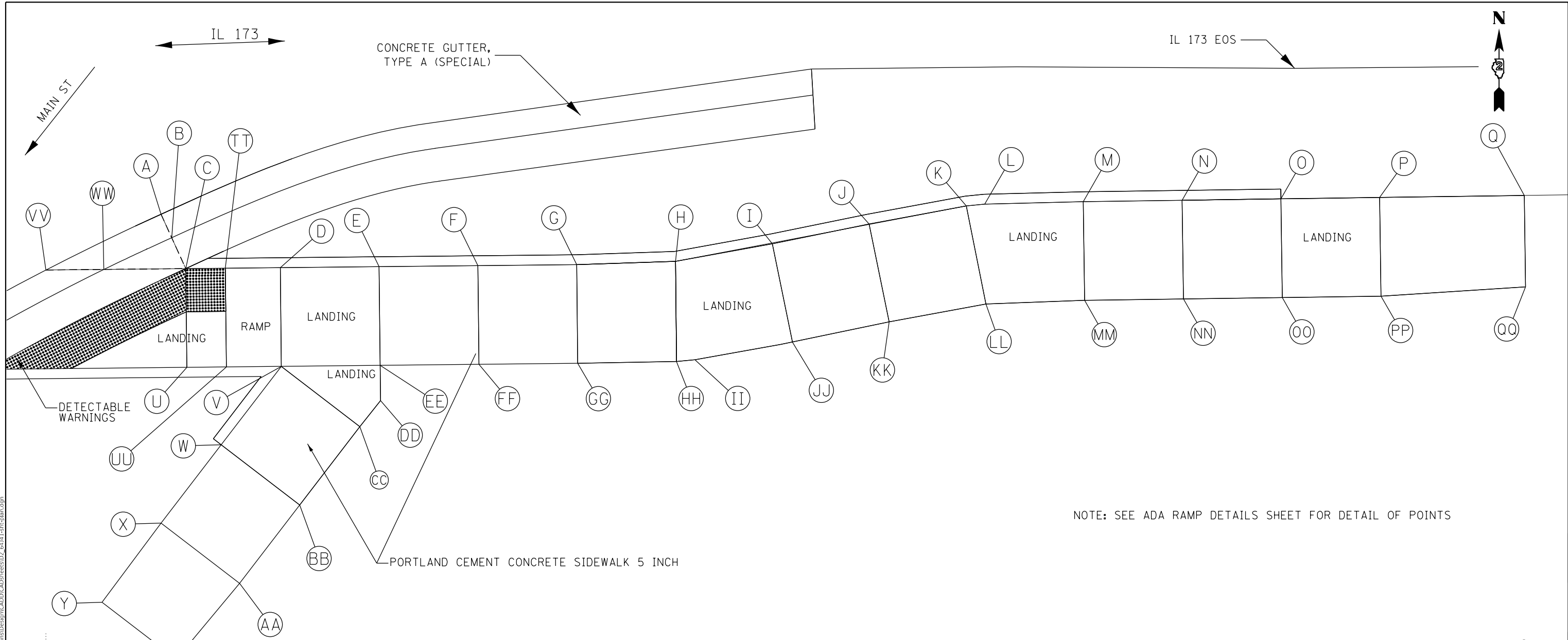
IL ROUTE 173			
PLAN SHEET			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*303	(129,130) RS	BOONE/WINNEB	105	48
CONTRACT NO. 64J41				
ILLINOIS FED. AID PROJECT				

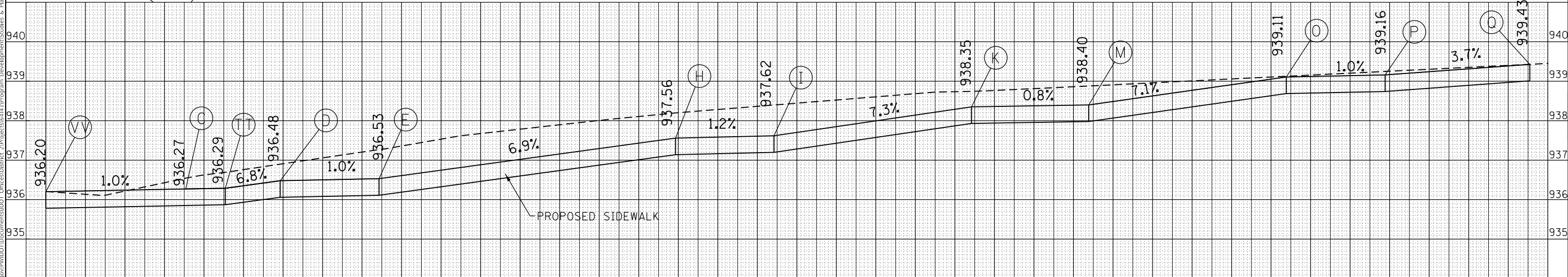
PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	CAD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATION	
	NO.	

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NOTE: SEE ADA RAMP DETAILS SHEET FOR DETAIL OF POINTS



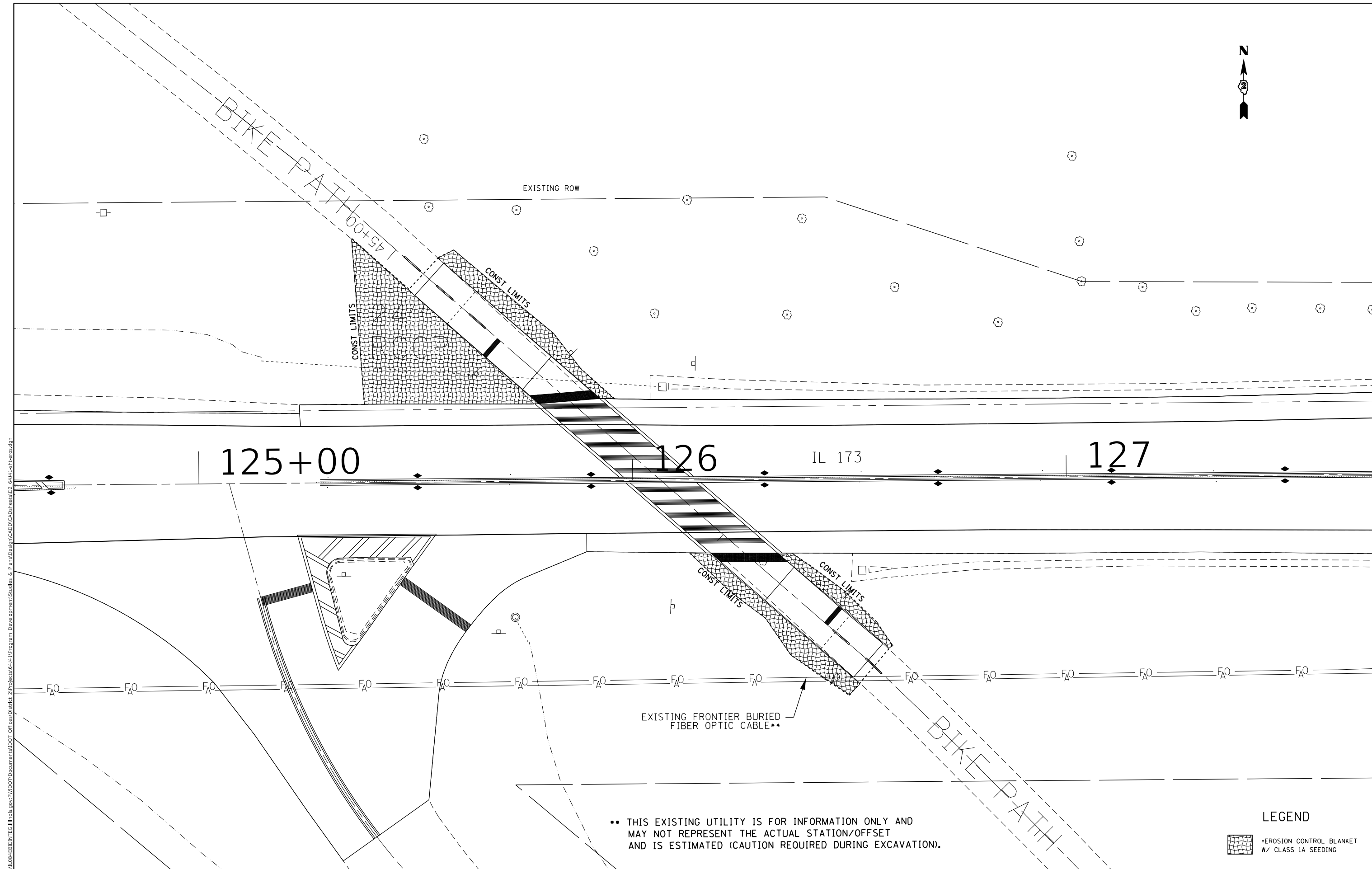
NOTE: PROFILE STARTS AT POINT VV , 131+42.07/33.61' RT OF IL 173

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	DRAWN -	REVISED -
PLOT SCALE = 5,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/6/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**


PLAN AND PROFILE SIDE WALK AT IL 173 /MAIN ST			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
* 303	(129,130) RS	BOONE & WINNEBAGO	105	49
CONTRACT NO. 64J41				
ILLINOIS FED. AID PROJECT				



•• THIS EXISTING UTILITY IS FOR INFORMATION ONLY AND MAY NOT REPRESENT THE ACTUAL STATION/OFFSET AND IS ESTIMATED (CAUTION REQUIRED DURING EXCAVATION).

LEGEND

 = EROSION CONTROL BLANKET W/ CLASS 1A SEEDING

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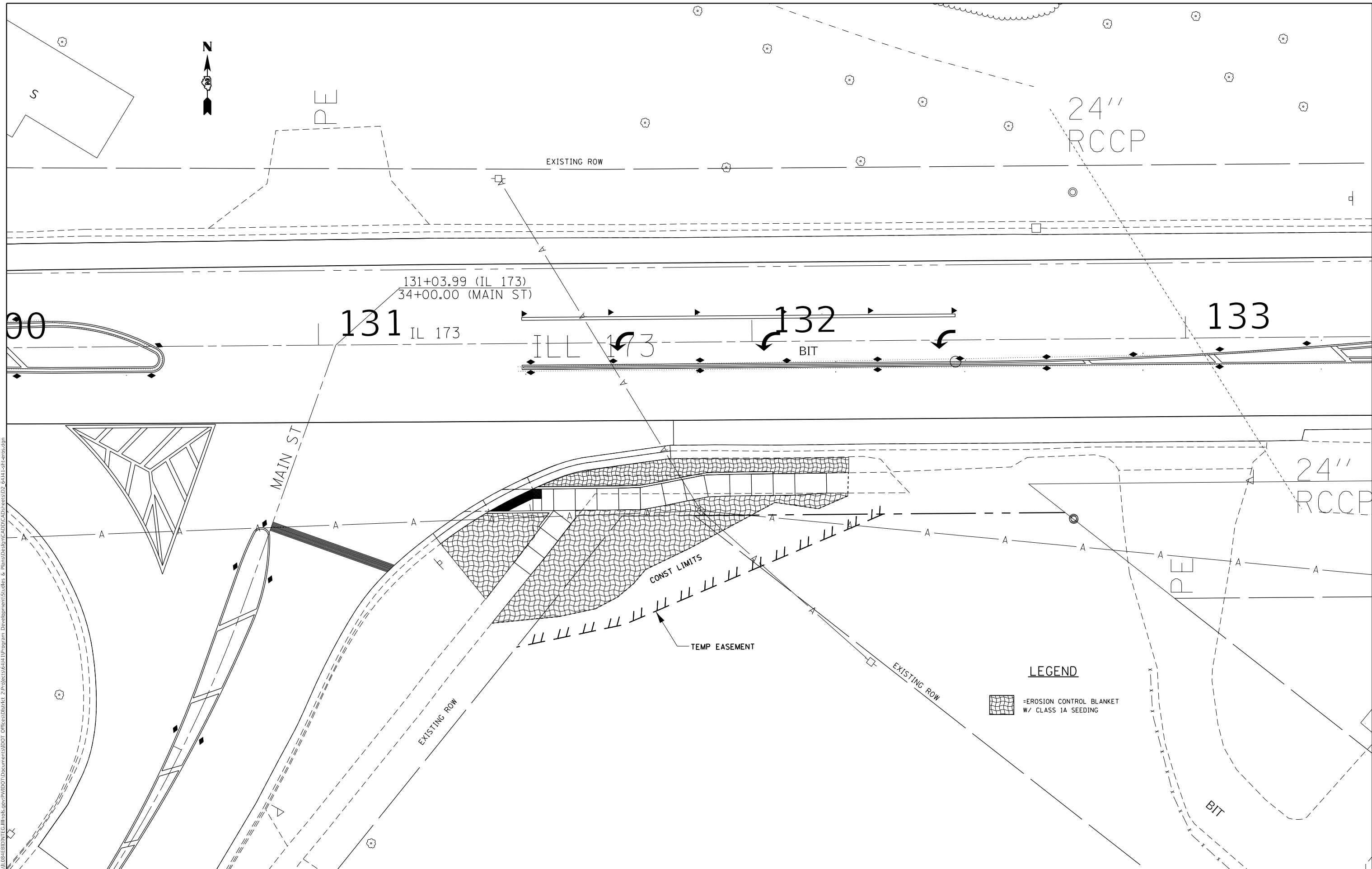
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PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/21/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**


IL 173 EROSION CONTROL	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*303	(129,130) RS	BOONE/WINNER	105	50
CONTRACT NO. 64J41				
ILLINOIS FED. AID PROJECT				

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LEGEND

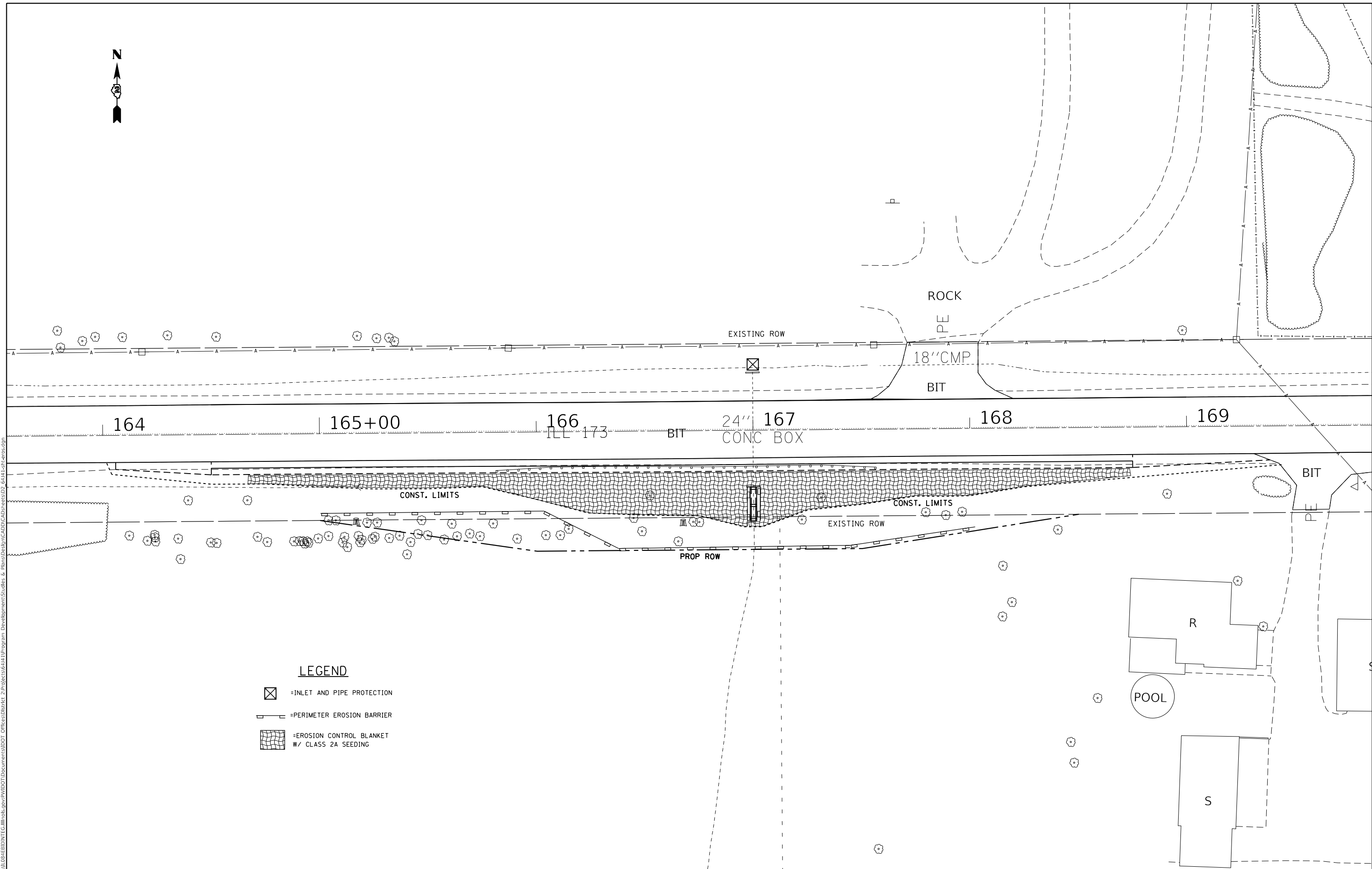
 = EROSION CONTROL BLANKET
 W/ CLASS 1A SEEDING




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DRAWN -	REVISED -	
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/6/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL 173 EROSION CONTROL	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*303	(129,130) RS	BOONE/WINNER	105	51
CONTRACT NO. 64J41				
ILLINOIS FED. AID PROJECT				



- LEGEND**
-  =INLET AND PIPE PROTECTION
 -  =PERIMETER EROSION BARRIER
 -  =EROSION CONTROL BLANKET W/ CLASS 2A SEEDING

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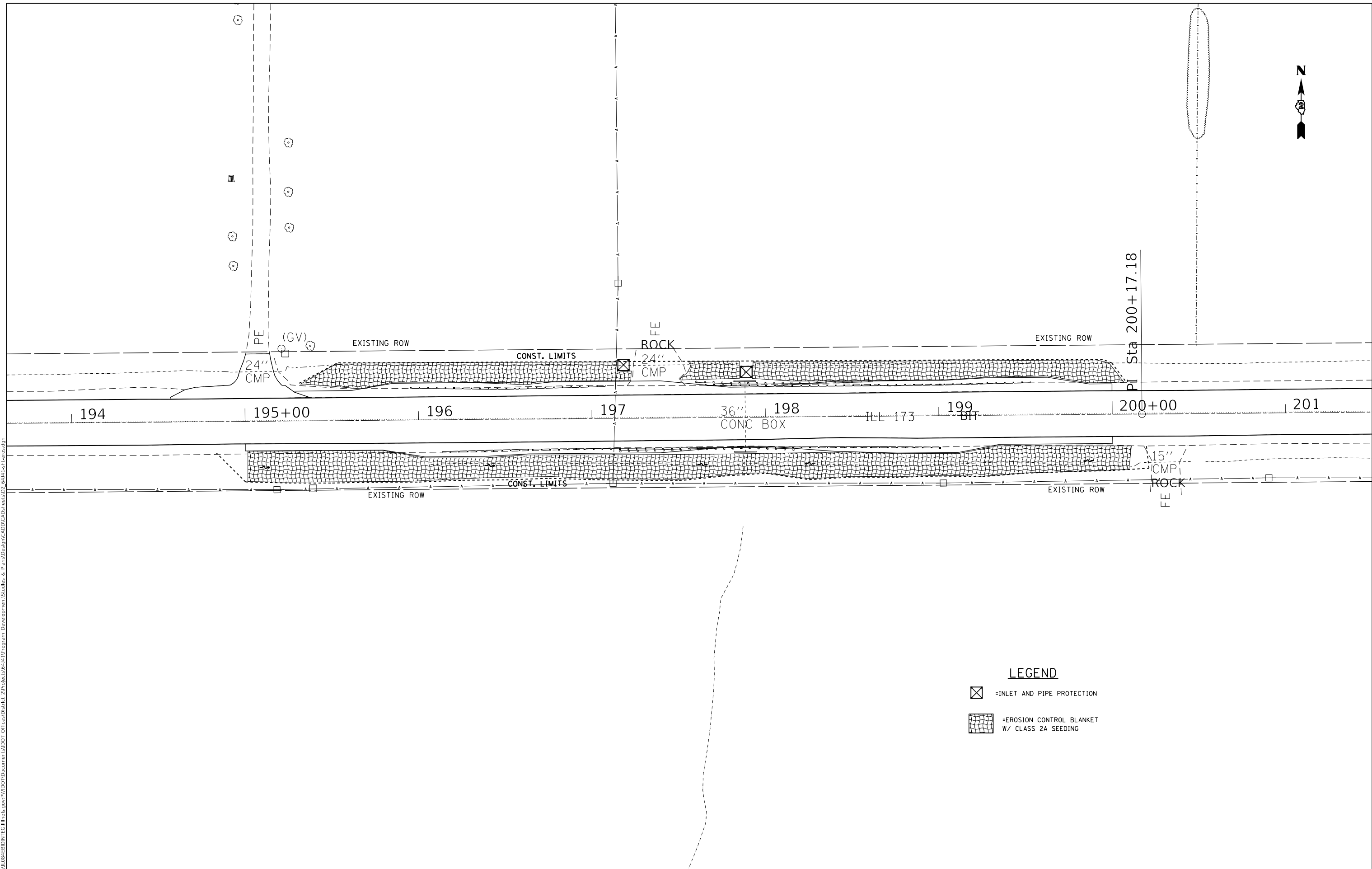
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PLOT DATE = 12/6/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 173
EROSION CONTROL**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*303	(129,130) R5	BOONE/WINNER	105	52
CONTRACT NO. 64J41				
ILLINOIS FED. AID PROJECT				



LEGEND

- = INLET AND PIPE PROTECTION
- = EROSION CONTROL BLANKET W/ CLASS 2A SEEDING

MODEL: Default
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USER NAME = Karkir	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/6/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 173 EROSION CONTROL	
SCALE:	SHEET OF SHEETS STA. TO STA.

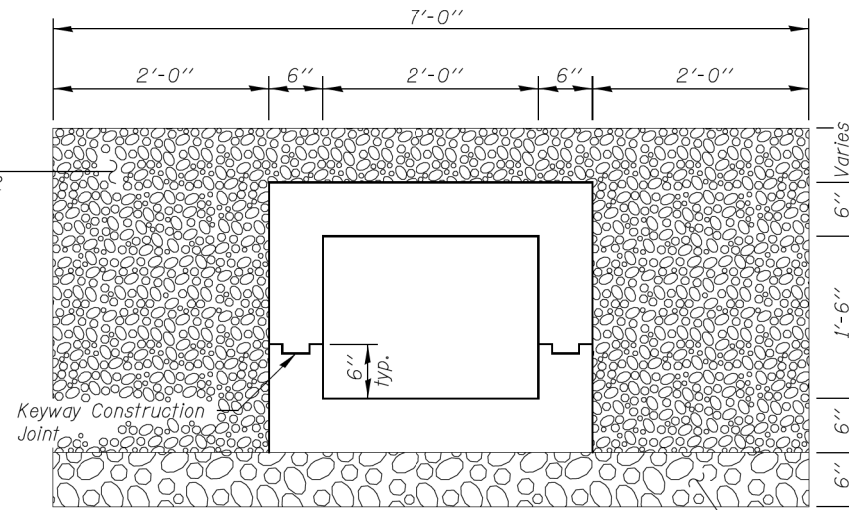
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*303	(129,130) RS	BOONE/WINNER	105	53
CONTRACT NO. 64J41				
		ILLINOIS	FED. AID PROJECT	

Benchmark: Sta 173+74.45-40.18'L; Top of R.O.W. Marker
Elevation - 943.437

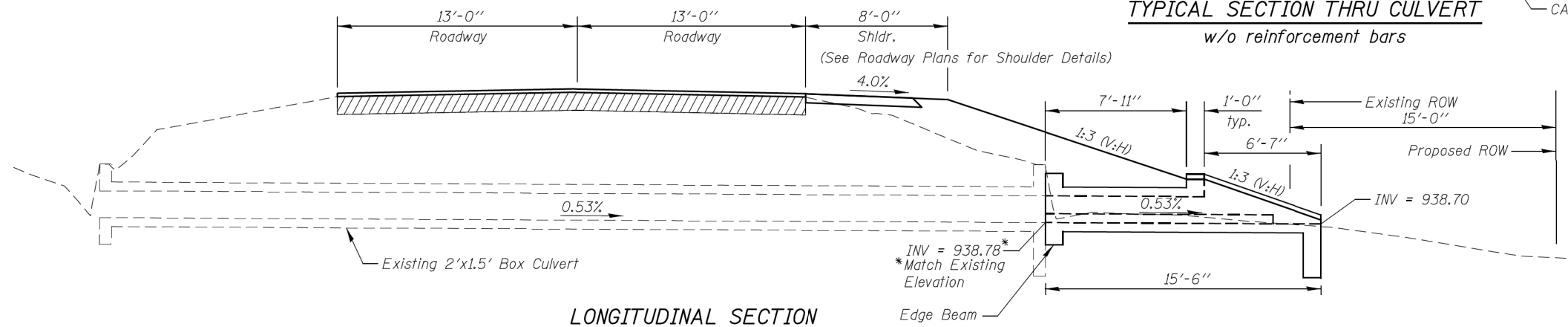
Notes:

1. Bars indicated thus 12x4-#5 etc. indicates 12 lines of bars with 4 lengths per line.
2. Reinforcement bars designated (E) shall be epoxy coated.
3. The material and placement cost of the CA-7 bedding material shall not be paid for separately, but shall be included in the unit cost per C.Y. for CONCRETE BOX CULVERTS.
4. Precast culvert alternate is not allowed.
5. All construction joints shall be bonded.

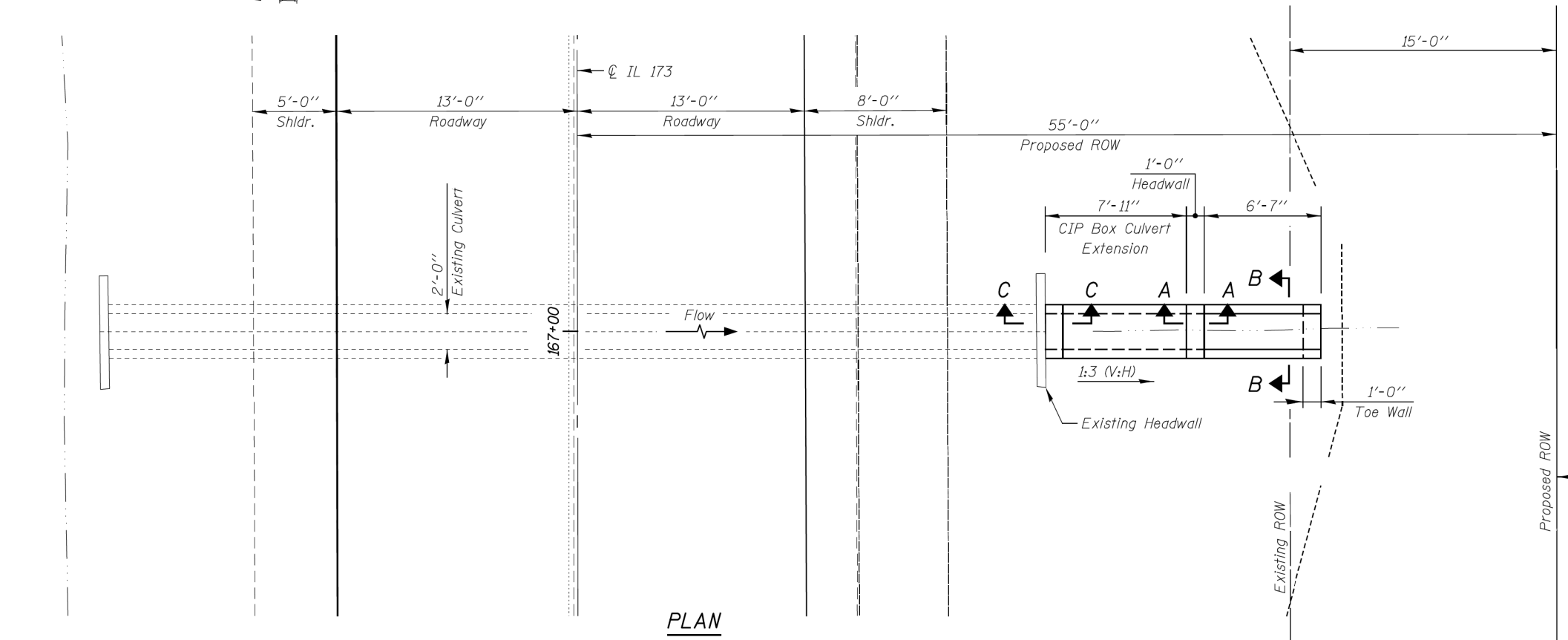
Backfill with suitable excavated material. Refer to Section 502 of the Standard Specifications.



TYPICAL SECTION THRU CULVERT
w/o reinforcement bars



LONGITUDINAL SECTION



PLAN

INDEX OF STRUCTURAL DRAWINGS

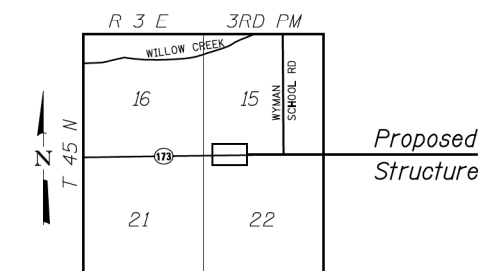
DRAWING NO.	DESCRIPTION
S-1	GENERAL PLAN AND ELEVATION
S-2	CULVERT DETAILS

TOTAL BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH	SHAPE
a(E)	26	#4	2'-8"	—
a1(E)	12	#6	2'-8"	—
d1(E)	4	#4	5'-4"	└
h(E)	7	#4	8'-7"	—
h1(E)	7	#4	15'-2"	—
h2(E)	2	#4	27'-10"	—
h3(E)	2	#4	6'-8"	—
s1(E)	8	#4	3'-9"	□
s2(E)	4	#4	4'-3"	□
u1(E)	9	#4	7'-1"	└
u2(E)	9	#4	5'-5"	└
u3(E)	4	#4	12'-8"	└
v1(E)	18	#4	2'-2"	—
v2(E)	8	#4	3'-7"	—
Reinforcement Bars, Epoxy Coated			Pound	410
Expansion Bolts 3/4"			Each	4
Concrete Box Culverts			Cu. Yd.	2.9



Frank Williams
Expires 11-30-2020
Date: 12/3/2018
Drawings: S-1 thru S-2



LOCATION SKETCH

Refer to Roadway Plans for ROW Limits East & West of Box Culvert Extension

GENERAL PLAN & ELEVATION
IL 173 OVER 2' X 1.5' BOX CULVERT
F.A.P. RTE. 303 SEC. (129,130)RS
BOONE COUNTY
STA. 167+00

KNIGHT
Engineers & Architects

DESIGNED - FJW	REVISED
CHECKED -	REVISED
DRAWN - DJC	REVISED
CHECKED -	REVISED
DATE - 11/27/2018	

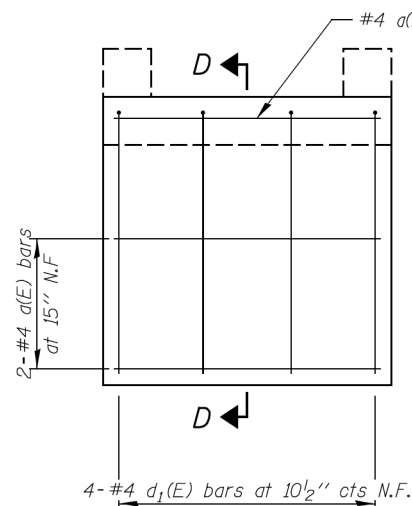
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

2' X 1.5' BOX CULVERT EXTENSION
GENERAL PLAN AND ELEVATION

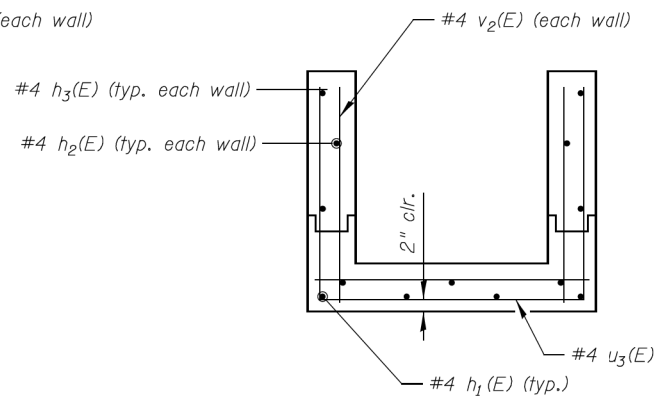
DRAWING NO. S-1 OF 2 DRAWINGS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*303	(129,130)RS	WINNEBAGO & BOONE	105	54
*IL 173				CONTRACT NO. 64J41

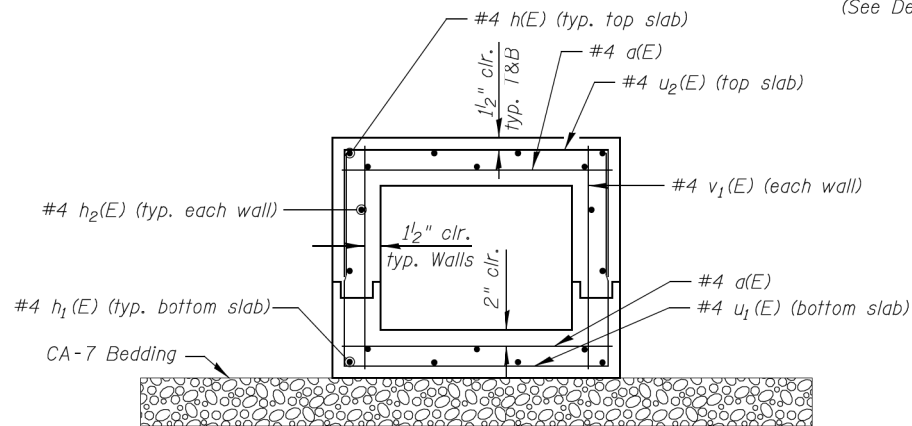
ILLINOIS FED. AID PROJECT



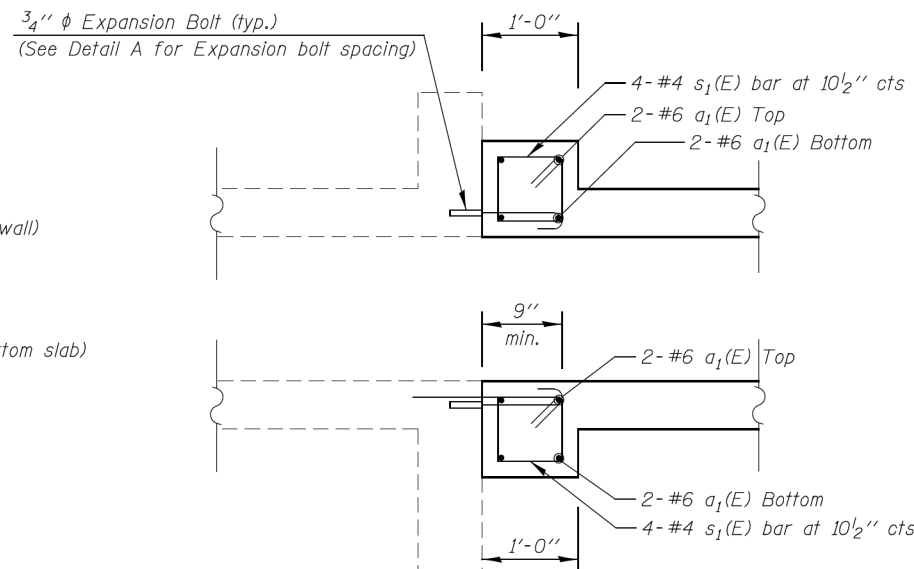
ELEVATION E-E
Toe Wall



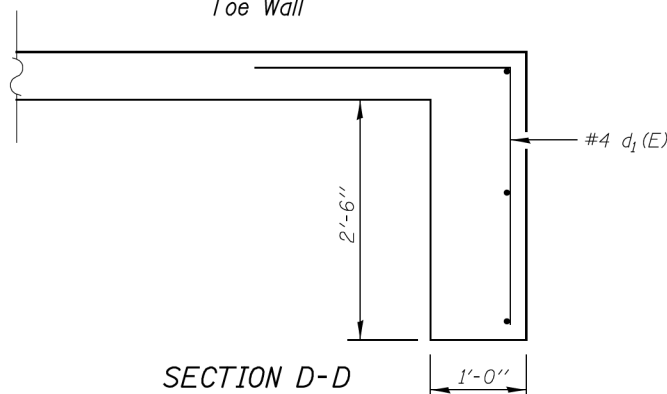
SECTION B-B



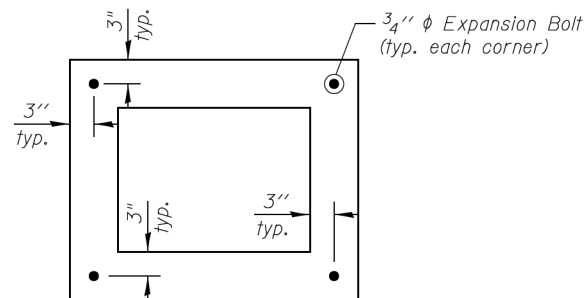
CROSS SECTION THRU BARREL



SECTION C-C



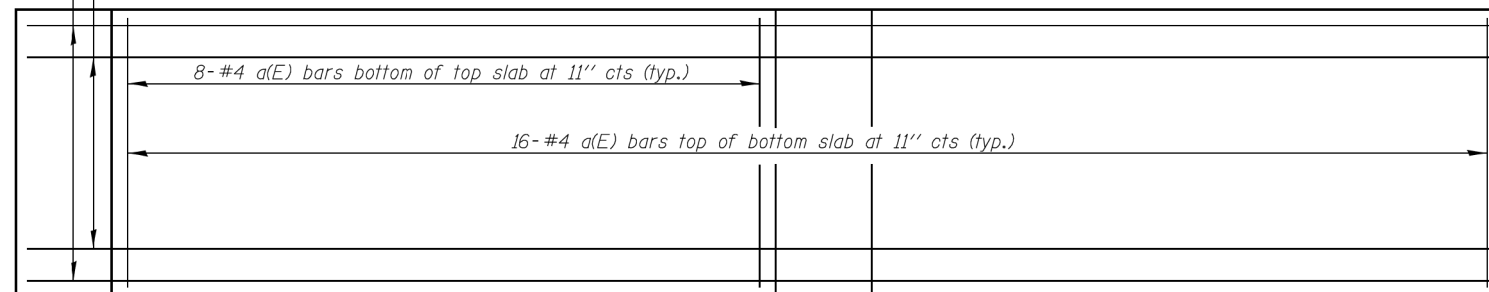
SECTION D-D



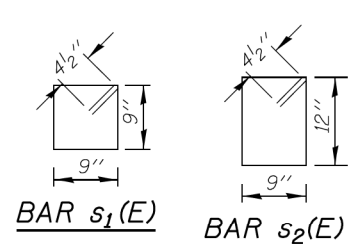
DETAIL A

Notes:
Expansion bolts shall be 3/4" φ hooked bolts. Hooked bolts shall extend a minimum of 9" into new concrete.

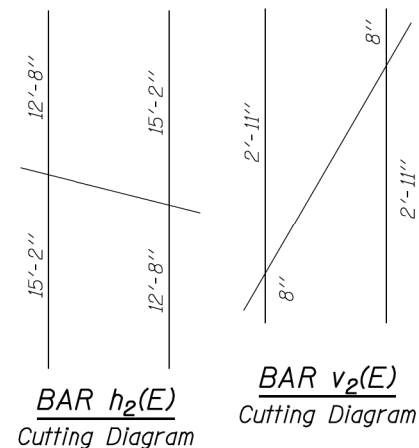
4-#4 h(E) bars top of top slab at 10 1/2" cts (typ.)
4-#4 h1(E) bars bottom of bottom slab at 10 1/2" cts (typ.)
3-#4 h(E) bars bottom of top slab at 13" cts (typ.)
3-#4 h1(E) bars top of bottom slab at 13" cts (typ.)



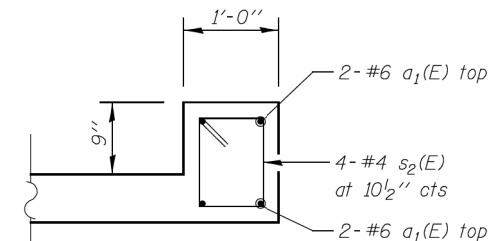
PLAN VIEW



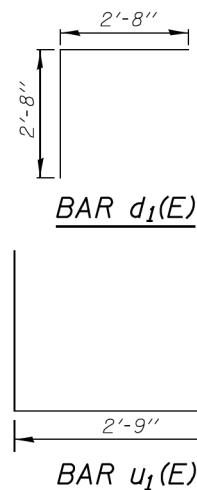
BAR S1(E)
BAR S2(E)



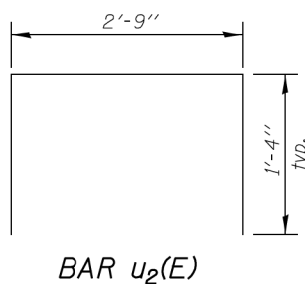
BAR h2(E)
Cutting Diagram
BAR v2(E)
Cutting Diagram



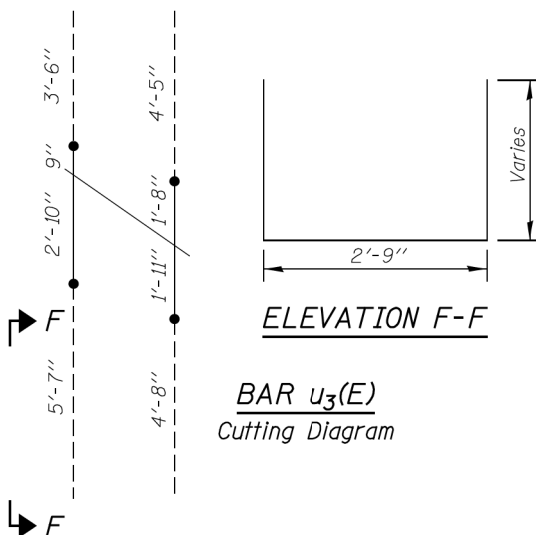
SECTION A-A



BAR d1(E)
BAR u1(E)

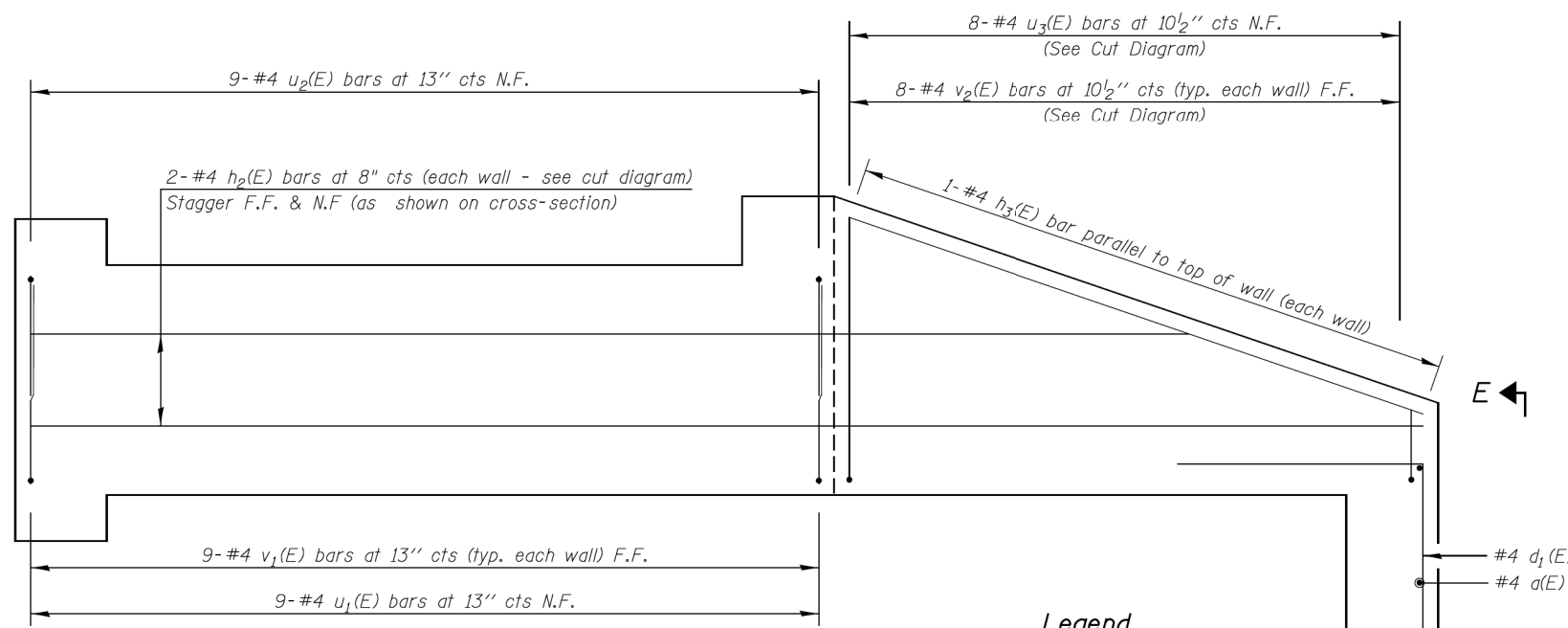


BAR u2(E)



ELEVATION F-F

BAR u3(E)
Cutting Diagram



WEST WALL ELEVATION
(East Wall Similar)

Legend

F.F. Far Face
N.F. Near Face

KNIGHT
Engineers & Architects

DESIGNED - FJW
CHECKED -
DRAWN - DJC
CHECKED -
DATE - 11/27/2018

REVIS
REVIS
REVIS
REVIS

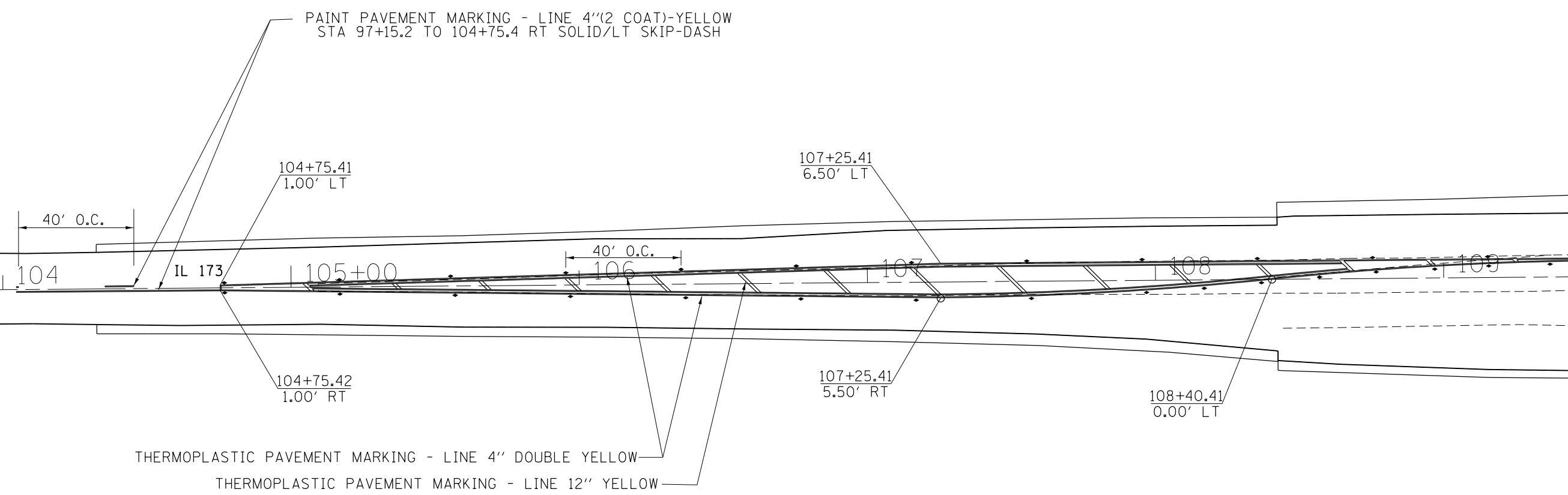
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

2' X 1.5' BOX CULVERT EXTENSION
CULVERT DETAILS

DRAWING NO. S-2 OF 2 DRAWINGS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*303	(129,130RS)	WINNEBAGO & BOONE	105	55
*IL 173			CONTRACT NO. 64J41	

ILLINOIS FED. AID PROJECT



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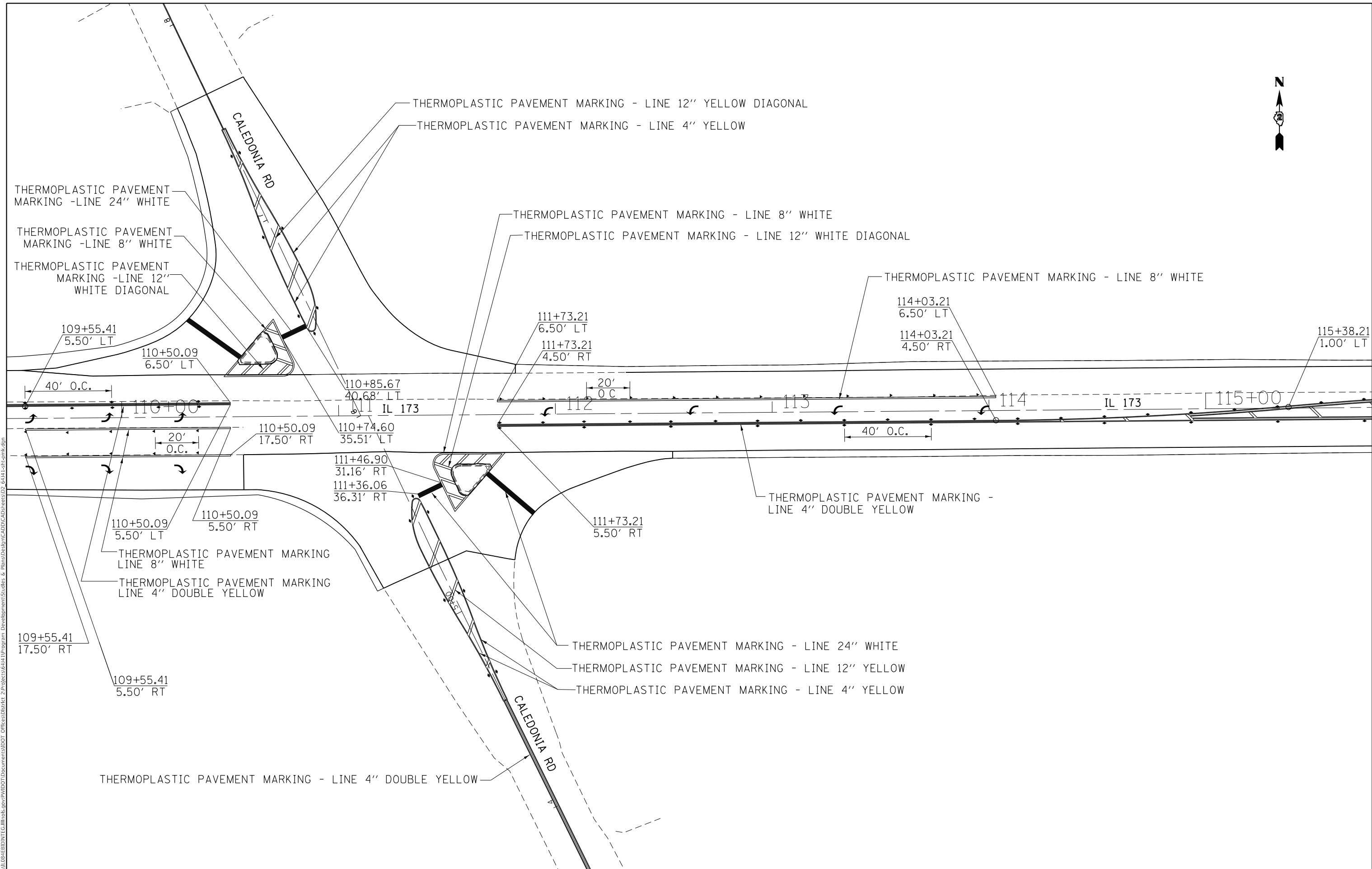
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	DRAWN -	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/6/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 173
PERMANENT MARKING DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*303	(129,130) RS	BOONE/WINNER	105	56
CONTRACT NO. 64J41				
ILLINOIS FED. AID PROJECT				



MODEL: Default
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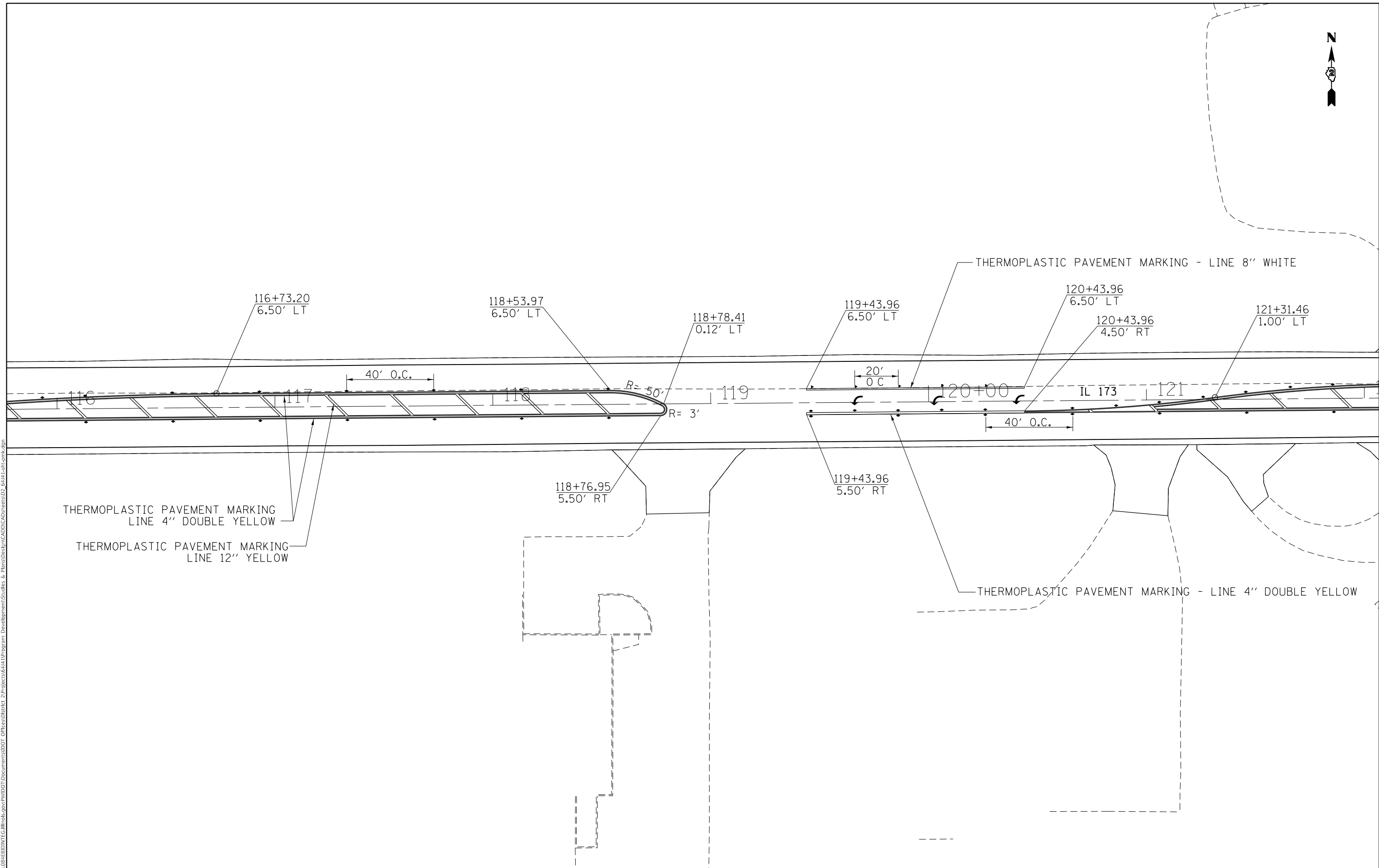
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PLOT DATE = 12/6/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 173
PERMANENT MARKING DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*303	(129,130) RS	BOONE/WINNER	105	57
CONTRACT NO. 64J41				
ILLINOIS FED. AID PROJECT				



MODEL: Default
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THERMOPLASTIC PAVEMENT MARKING
 LINE 4" DOUBLE YELLOW
 THERMOPLASTIC PAVEMENT MARKING
 LINE 12" YELLOW

THERMOPLASTIC PAVEMENT MARKING - LINE 4" DOUBLE YELLOW

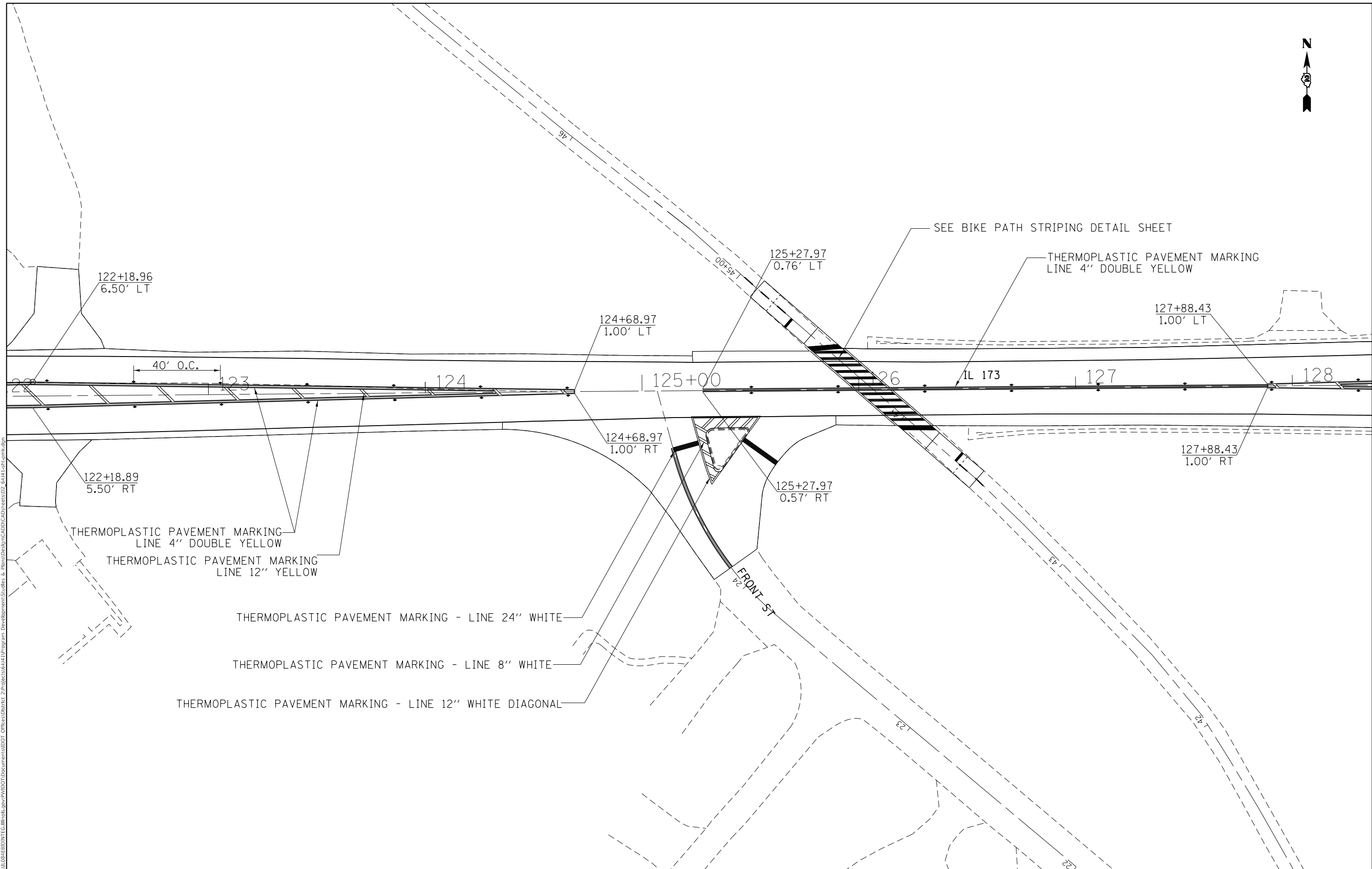
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 173
PERMANENT MARKING DETAILS

USER NAME = Karkir	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/6/2018	DATE -	REVISED -

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*303	(129,130) RS	BOONE/WINNER	105	58
CONTRACT NO. 64J41				
ILLINOIS FED. AID PROJECT				



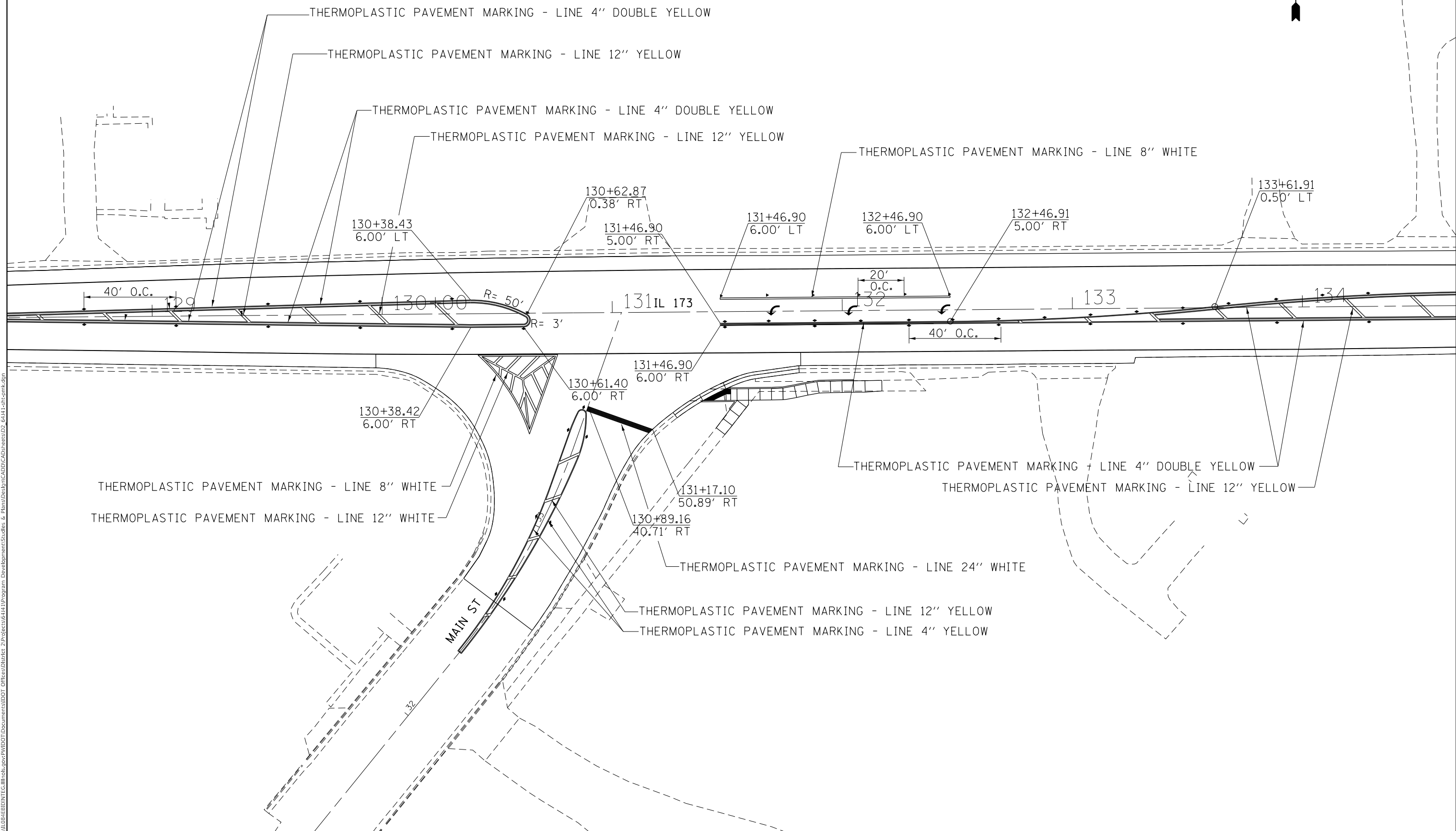
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PLOT DATE = 12/6/2018	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 173			
PERMANENT MARKING DETAILS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*303	(129,130) RS	BOONE/WINNER	105	59
CONTRACT NO. 64J41				
ILLINOIS FED. AID PROJECT				



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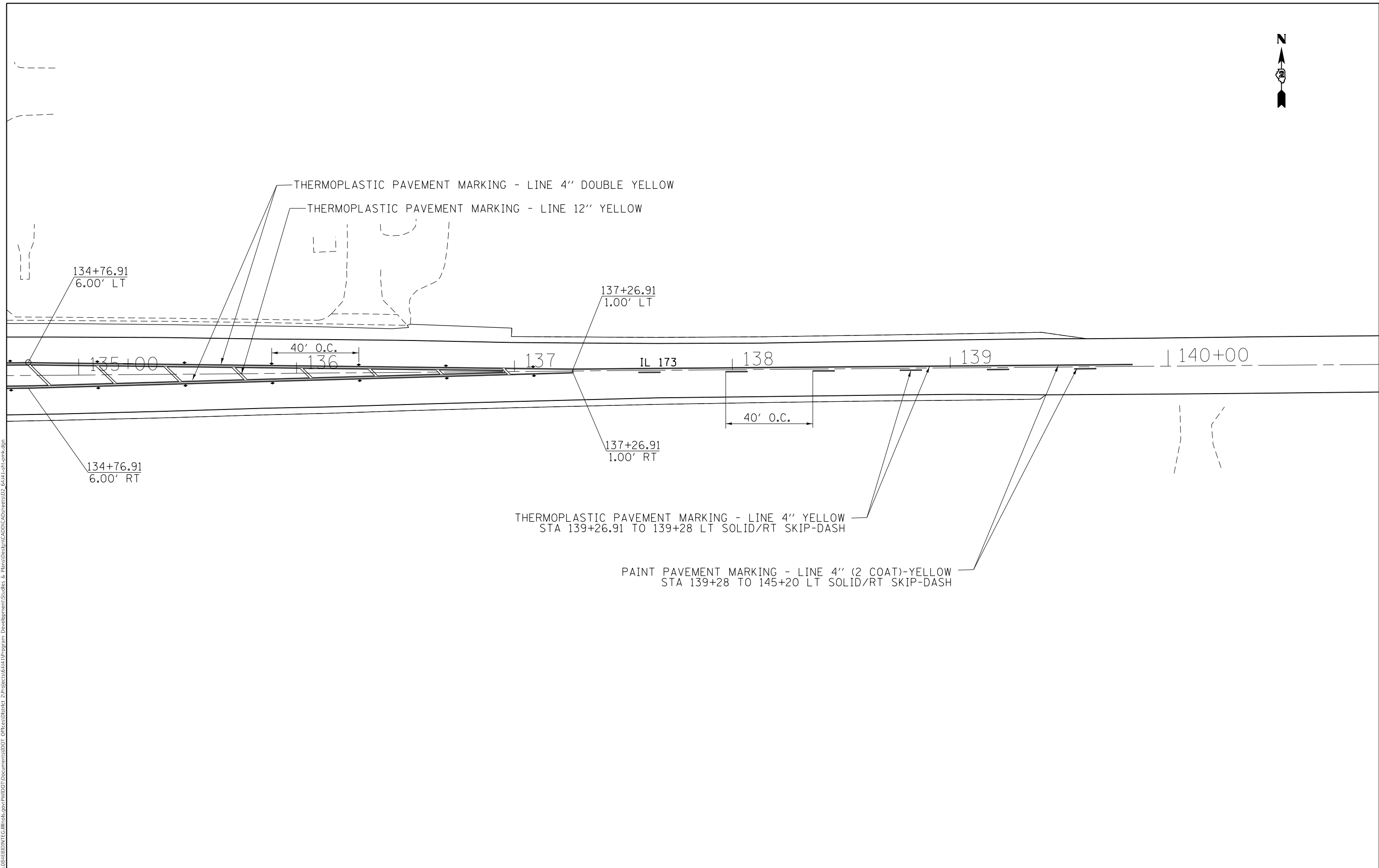
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PLOT DATE = 12/6/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 173
PERMANENT MARKING DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*303	(129,130) RS	BOONE/WINNER	105	60
CONTRACT NO. 64J41				
ILLINOIS FED. AID PROJECT				



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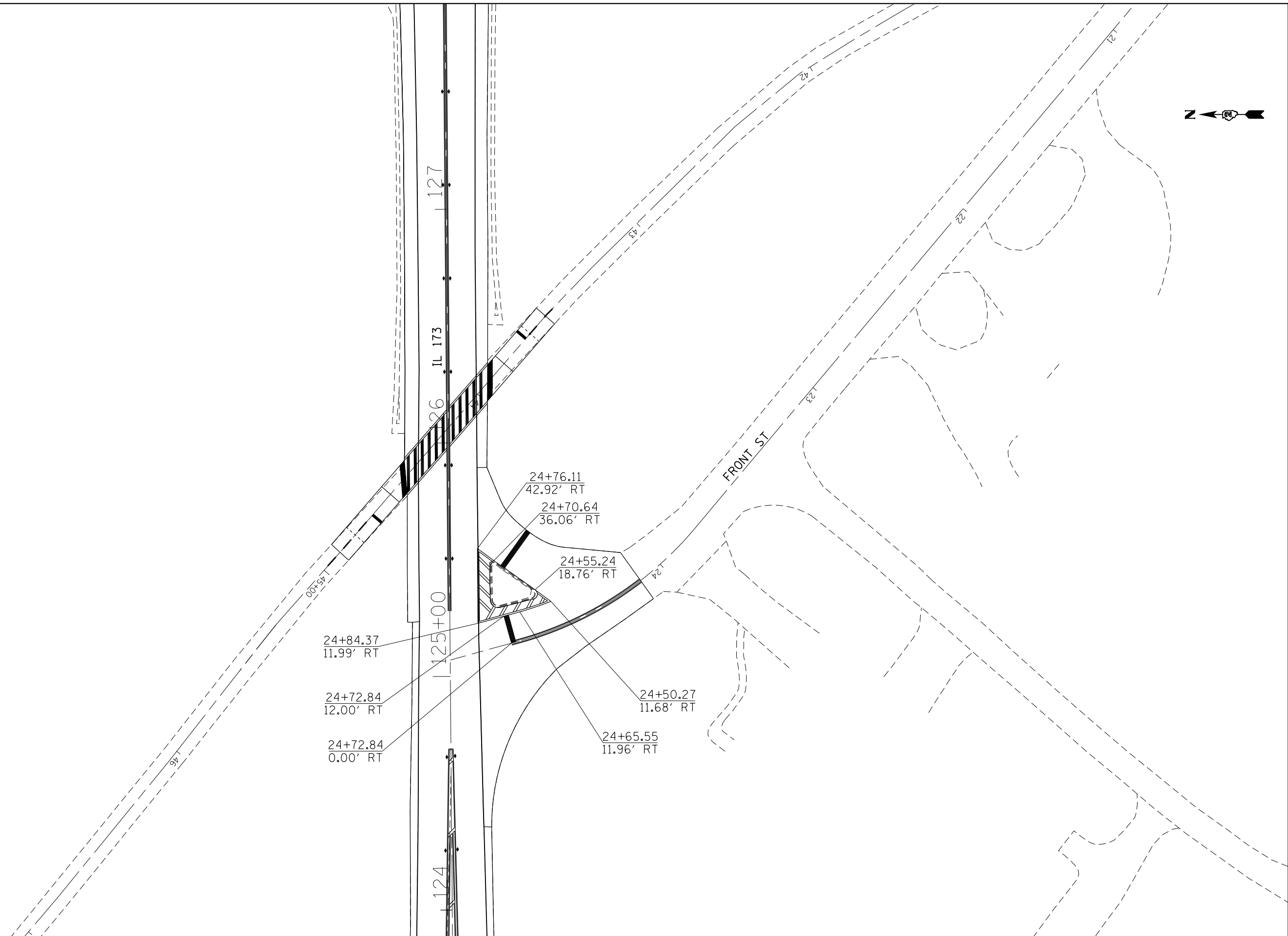
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PLOT DATE = 12/6/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 173
PERMANENT MARKING DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*303	(129,130) RS	BOONE/WINNER	105	61
CONTRACT NO. 64J41				
ILLINOIS			FED. AID PROJECT	



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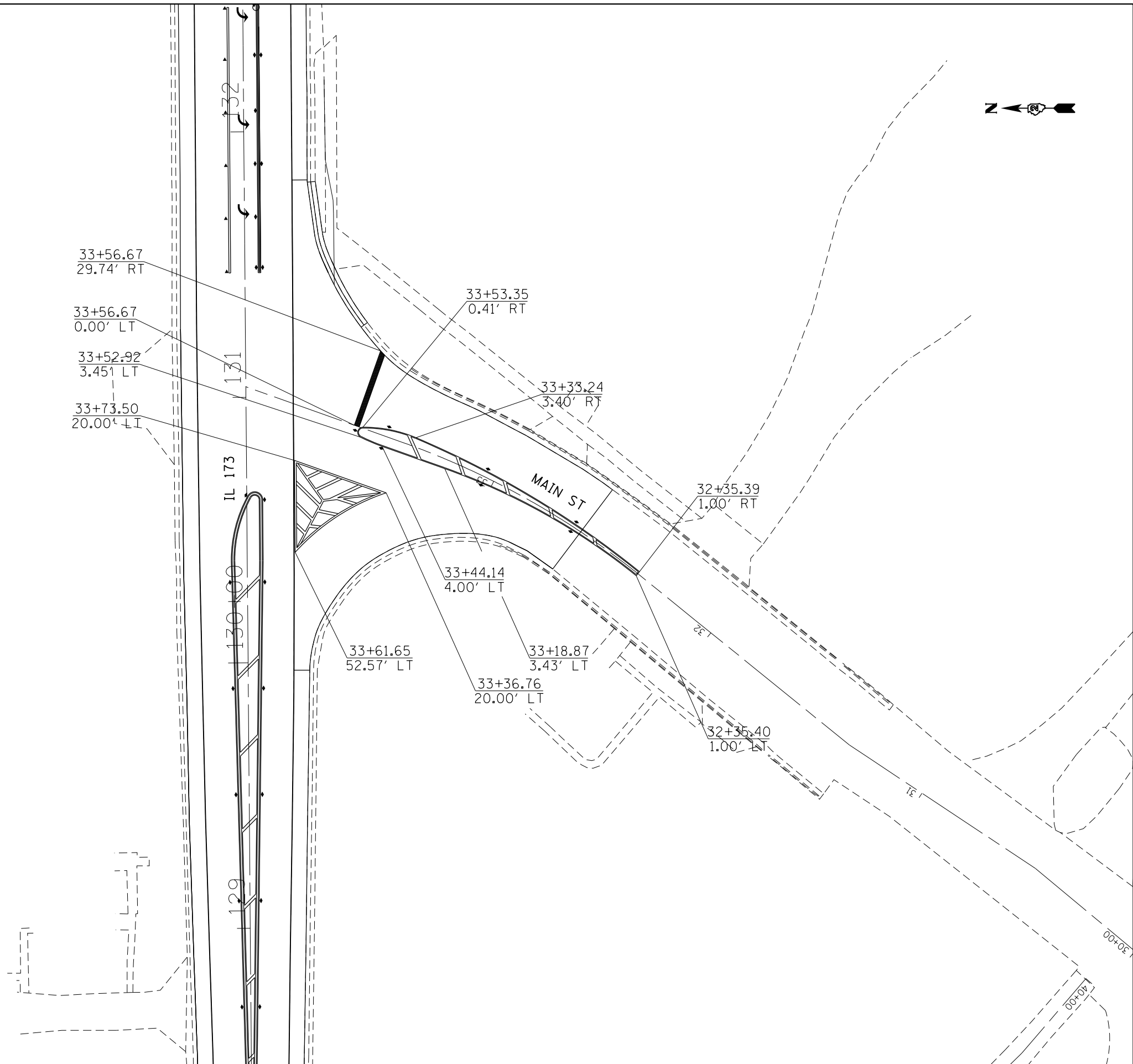
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 173
PERMANENT MARKING DETAILS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*303	(129,130) RS	BOONE/WINNER	105	63
CONTRACT NO. 64J41				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

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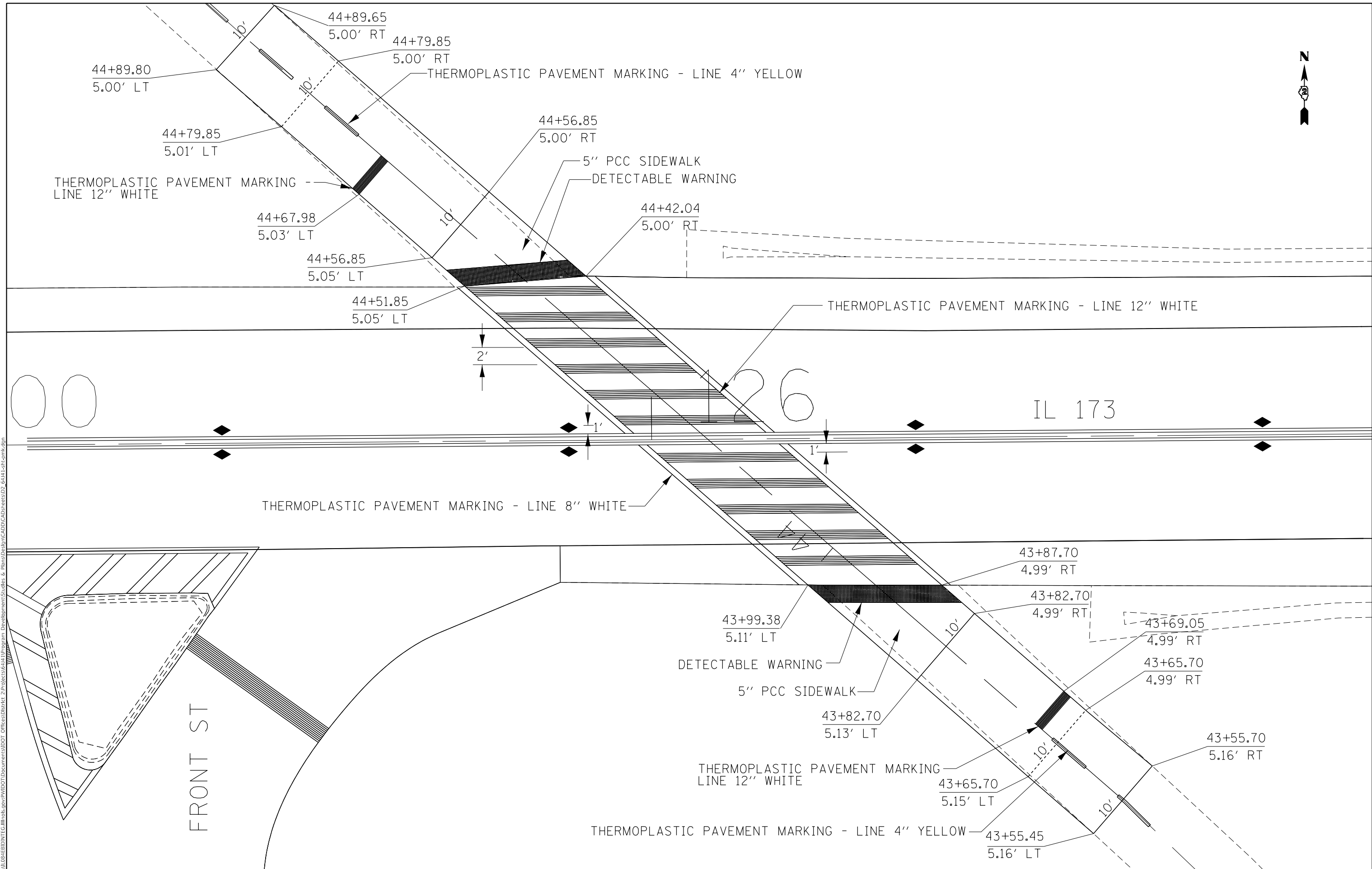
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PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/6/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 173
 PERMANENT MARKING DETAILS**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*303	(129,130) RS	BOONE/WINNER	105	64
CONTRACT NO. 64J41				
		ILLINOIS	FED. AID PROJECT	

SCALE: SHEET OF SHEETS STA. TO STA.



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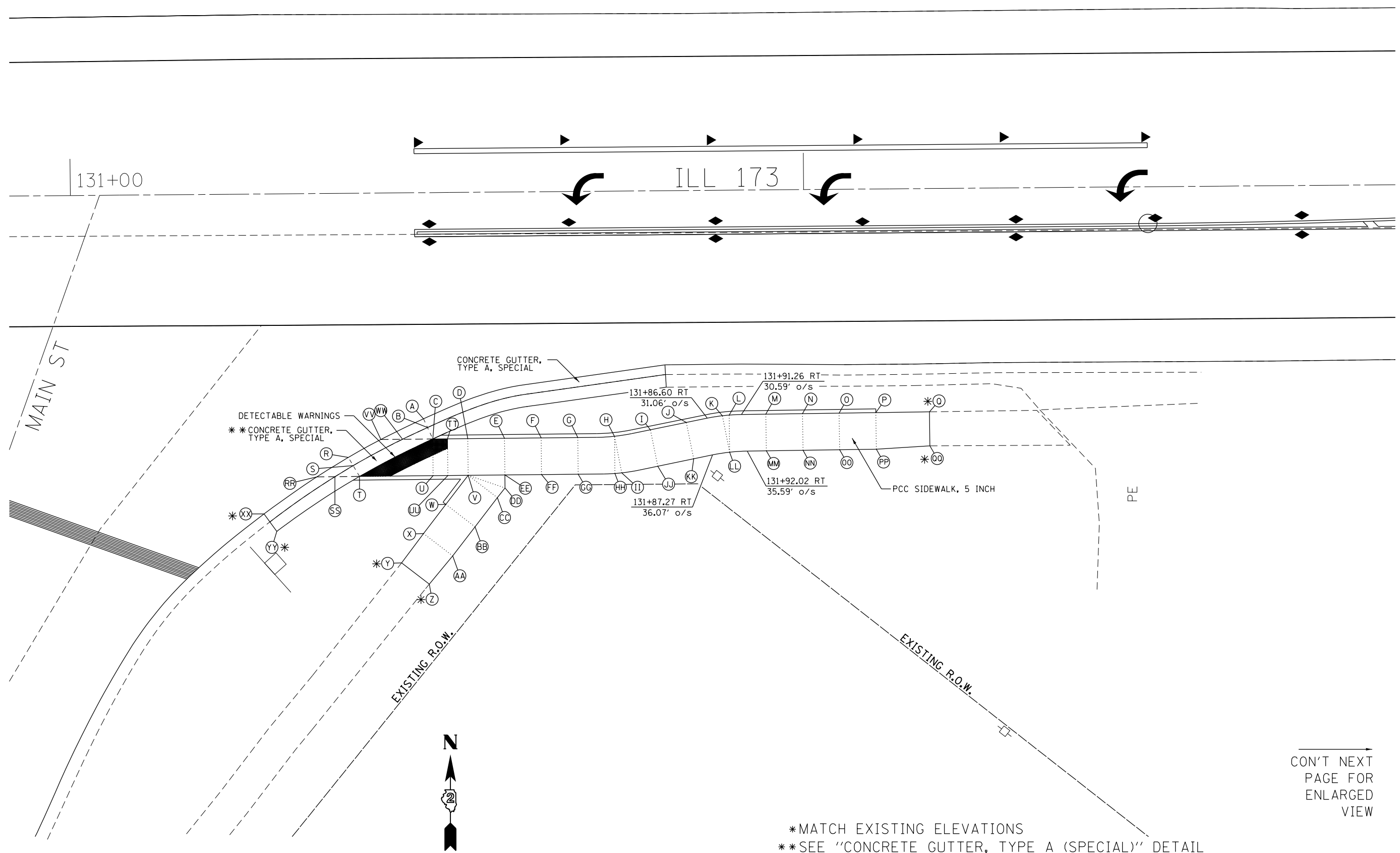
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PLOT DATE = 12/6/2018	DATE -	REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BIKE PATH STRIPING DETAIL		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*303	(129,130) RS	BOONE/WINNER	105	65
CONTRACT NO. 64J41				
ILLINOIS FED. AID PROJECT				

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*MATCH EXISTING ELEVATIONS
 **SEE "CONCRETE GUTTER, TYPE A (SPECIAL)" DETAIL
 IN PLANS FOR INFORMATION ON DIMENSIONING.

→
 CON'T NEXT
 PAGE FOR
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PLOT SCALE = 66.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/6/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
IL 173 / MAIN ST

SCALE: SHEET OF SHEETS STA. TO STA.

*IL 173		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*303		(129,130)RS	BOONE & WINNEBAGO		105	66
		CONTRACT NO. 64J41				
		ILLINOIS FED. AID PROJECT				



ILL 173

132+00

ILL 173 EOP

MAIN ST

CONCRETE GUTTER, TYPE A SPECIAL

DETECTABLE WARNINGS

** CONCRETE GUTTER, TYPE A SPECIAL

935.56

935.77

* MATCH EXISTING ELEVATIONS
 ** SEE "CONCRETE GUTTER, TYPE A (SPECIAL)" DETAIL IN PLANS FOR INFORMATION ON DIMENSIONING.

NOTE: CENTERLINE SHOWN FOR REFERENCE ONLY NOT FOR SCALING

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PLOT DATE = 12/6/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
 IL 173 /MAIN ST**

SCALE: SHEET OF SHEETS STA. TO STA.

*IL 173		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*303		(129,130)RS	BOONE & WINNEBAGO	105	67	
						CONTRACT NO. 64J41
		ILLINOIS	FED. AID PROJECT			

IL 173 AND MAIN ST SW QUAD

POINT NO	STATION	OFFSET	SIDE	ELEVATION
A	131+47.92	30.83	RT	936.30
B	131+48.45	32.02	RT	936.24
C	131+49.15	33.59	RT	936.27
D	131+53.93	33.58	RT	936.48
E	131+58.93	33.57	RT	936.53
F	131+63.93	33.56	RT	936.88
G	131+68.93	33.55	RT	937.28
H	131+73.93	33.42	RT	937.56
I	131+78.84	32.58	RT	937.62
J	131+83.75	31.62	RT	937.99
K	131+88.67	30.74	RT	938.35
L	131+89.60	30.66	RT	938.36
M	131+94.59	30.57	RT	938.40
N	131+99.59	30.54	RT	938.76
O	132+04.59	30.51	RT	939.11
P	132+09.59	30.48	RT	939.16
Q	132+16.91	30.44	RT	939.43
R	131+37.62	36.01	RT	936.13
S	131+38.27	37.14	RT	936.07
T	131+39.12	38.61	RT	936.10
U	131+49.16	38.59	RT	936.20
V	131+53.94	38.58	RT	936.43
W	131+50.87	42.52	RT	936.64
X	131+47.79	46.46	RT	936.84
Y	131+44.77	50.45	RT	937.04
Z	131+48.51	53.37	RT	937.17

IL 173 AND MAIN ST SW QUAD

POINT NO	STATION	OFFSET	SIDE	ELEVATION
AA	131+51.74	49.55	RT	936.95
BB	131+54.82	45.61	RT	936.72
CC	131+57.89	41.67	RT	936.50
DD	131+58.95	40.35	RT	936.49
EE	131+58.94	38.57	RT	936.48
FF	131+63.94	38.56	RT	936.86
GG	131+68.94	38.55	RT	937.24
HH	131+73.94	38.51	RT	937.61
II	131+74.89	38.43	RT	937.62
JJ	131+79.81	37.56	RT	937.67
KK	131+84.72	36.59	RT	938.04
LL	131+89.62	35.72	RT	938.40
MM	131+94.62	35.57	RT	938.45
NN	131+99.62	35.54	RT	938.81
OO	132+04.62	35.51	RT	939.16
PP	132+09.62	35.48	RT	939.21
QQ	132+16.94	35.07	RT	939.55
RR	131+33.29	38.63	RT	936.07
SS	131+35.77	38.62	RT	936.05
TT	131+51.15	33.59	RT	936.29
UU	131+51.16	38.59	RT	936.22
VV	131+42.07	33.61	RT	936.20
WW	131+45.00	33.6	RT	936.17
XX	131+26.07	43.62	RT	935.56
YY	131+27.33	45.39	RT	935.77

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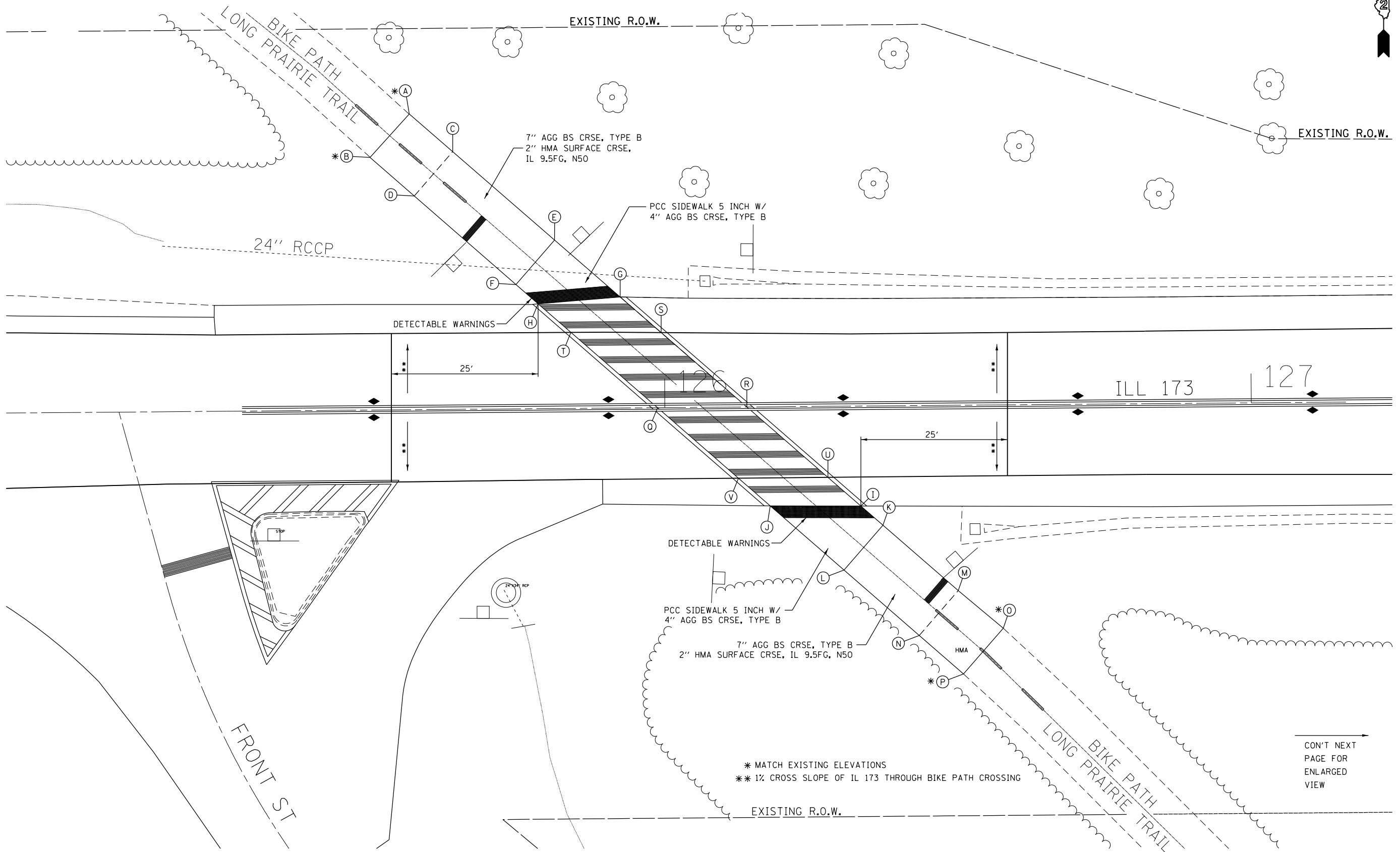
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
IL 173 /MAIN ST

SCALE: SHEET OF SHEETS STA. TO STA.

*IL 173

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*303	(129,130)RS	BOONE & WINNEBAGO	105	68
CONTRACT NO. 64J41				
ILLINOIS		FED. AID PROJECT		



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- * MATCH EXISTING ELEVATIONS
- ** 1% CROSS SLOPE OF ILL 173 THROUGH BIKE PATH CROSSING

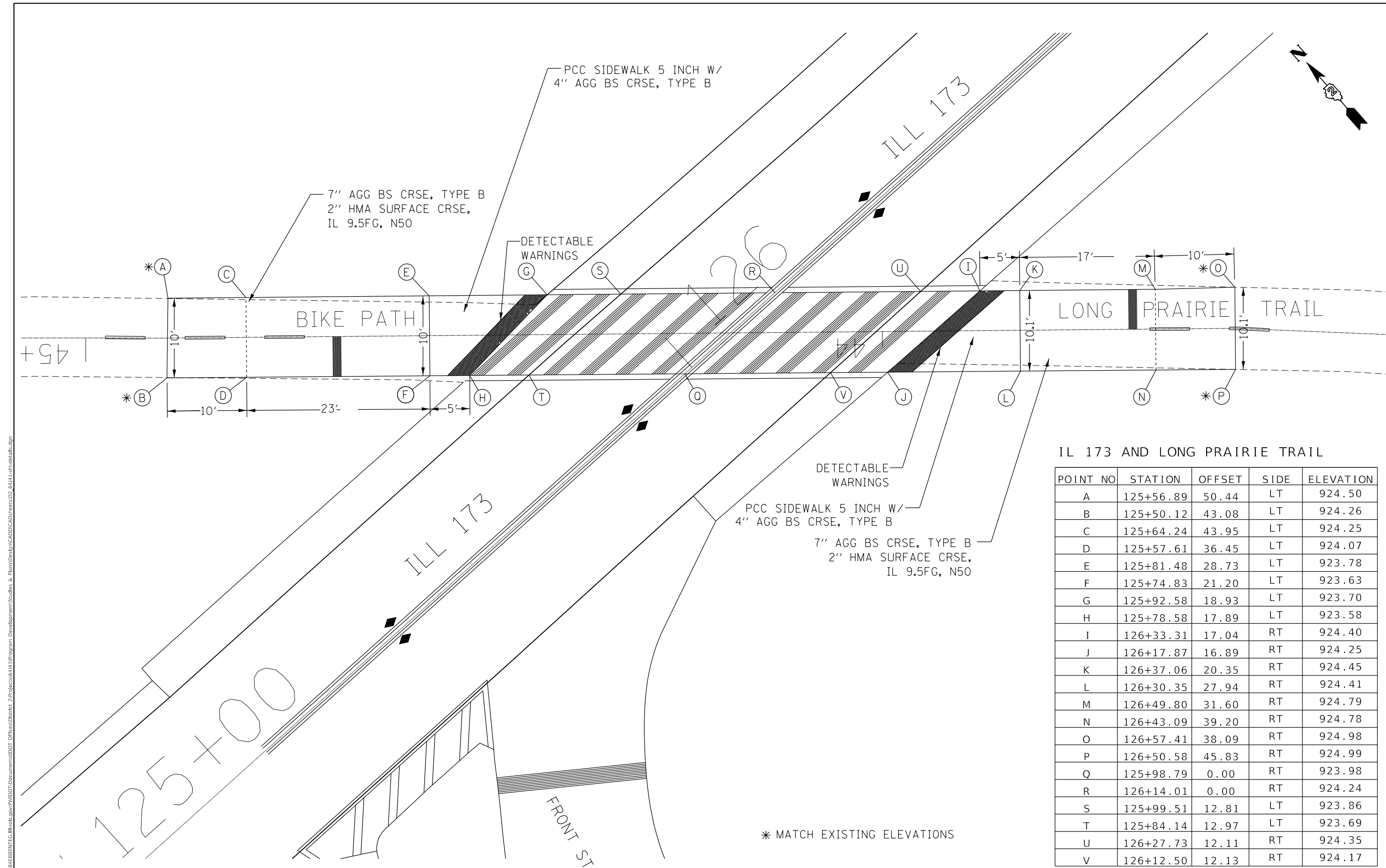
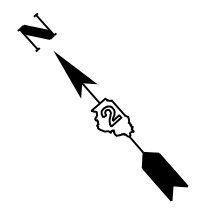
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PLOT DATE = 12/6/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS			
ILL 173 /BIKE PATH			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

*ILL 173	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*303	(129,130)RS	BOONE & WINNEBAGO		105	69
				CONTRACT NO. 64J41	
				ILLINOIS FED. AID PROJECT	



IL 173 AND LONG PRAIRIE TRAIL

POINT NO	STATION	OFFSET	SIDE	ELEVATION
A	125+56.89	50.44	LT	924.50
B	125+50.12	43.08	LT	924.26
C	125+64.24	43.95	LT	924.25
D	125+57.61	36.45	LT	924.07
E	125+81.48	28.73	LT	923.78
F	125+74.83	21.20	LT	923.63
G	125+92.58	18.93	LT	923.70
H	125+78.58	17.89	LT	923.58
I	126+33.31	17.04	RT	924.40
J	126+17.87	16.89	RT	924.25
K	126+37.06	20.35	RT	924.45
L	126+30.35	27.94	RT	924.41
M	126+49.80	31.60	RT	924.79
N	126+43.09	39.20	RT	924.78
O	126+57.41	38.09	RT	924.98
P	126+50.58	45.83	RT	924.99
Q	125+98.79	0.00	RT	923.98
R	126+14.01	0.00	RT	924.24
S	125+99.51	12.81	LT	923.86
T	125+84.14	12.97	LT	923.69
U	126+27.73	12.11	RT	924.35
V	126+12.50	12.13	RT	924.17

* MATCH EXISTING ELEVATIONS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

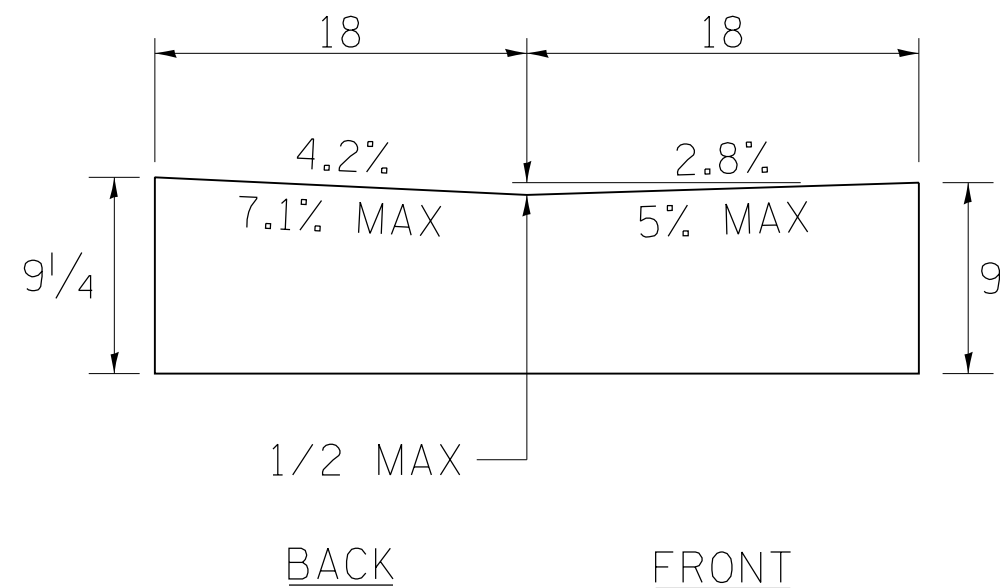
ADA RAMP DETAILS
IL 173 /BIKE PATH

SCALE: SHEET OF SHEETS STA. TO STA.

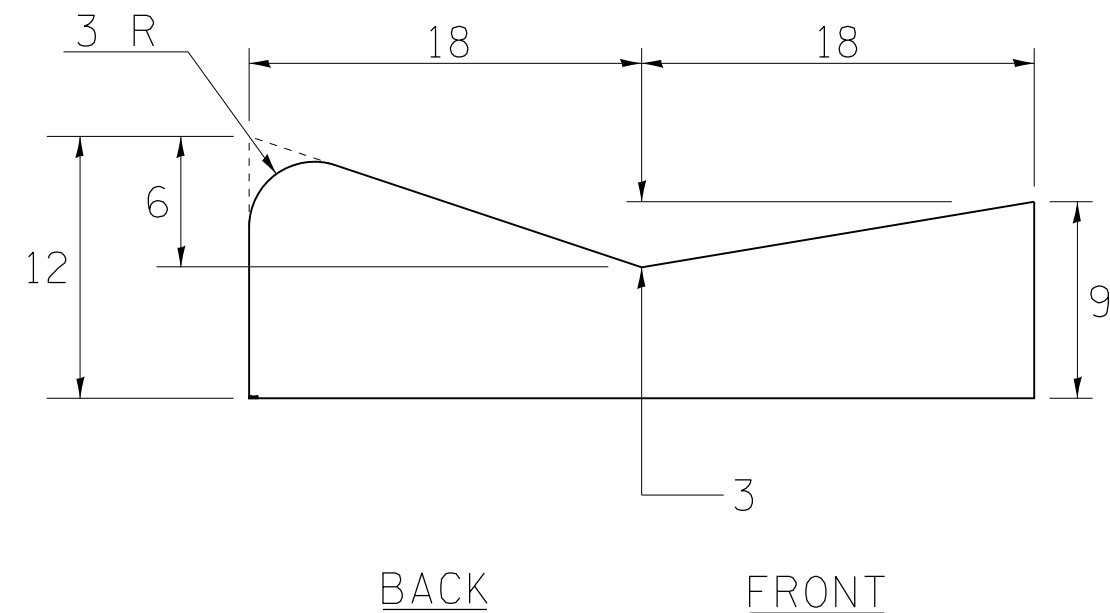
*IL 173		SECTION		COUNTY		TOTAL SHEETS		SHEET NO.	
F.A.P. RTE. *303		(129,130)RS		BOONE & WINNEBAGO		105		70	
				CONTRACT NO. 64J41					
				ILLINOIS		FED. AID PROJECT			

CONCRETE GUTTER, TYPE A (SPECIAL)

WITHIN ADA RAMP LOCATION



TRANSITION TO OUTSIDE ADA RAMP LOCATION



NOTES:

THIS WORK SHALL BE DONE IN ACCORDANCE WITH THIS DETAIL AND STANDARD 606101.
THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR
CONCRETE GUTTER, TYPE A (SPECIAL).

ALL DIMENSIONS ARE IN INCHES UNLESS
OTHERWISE NOTED.

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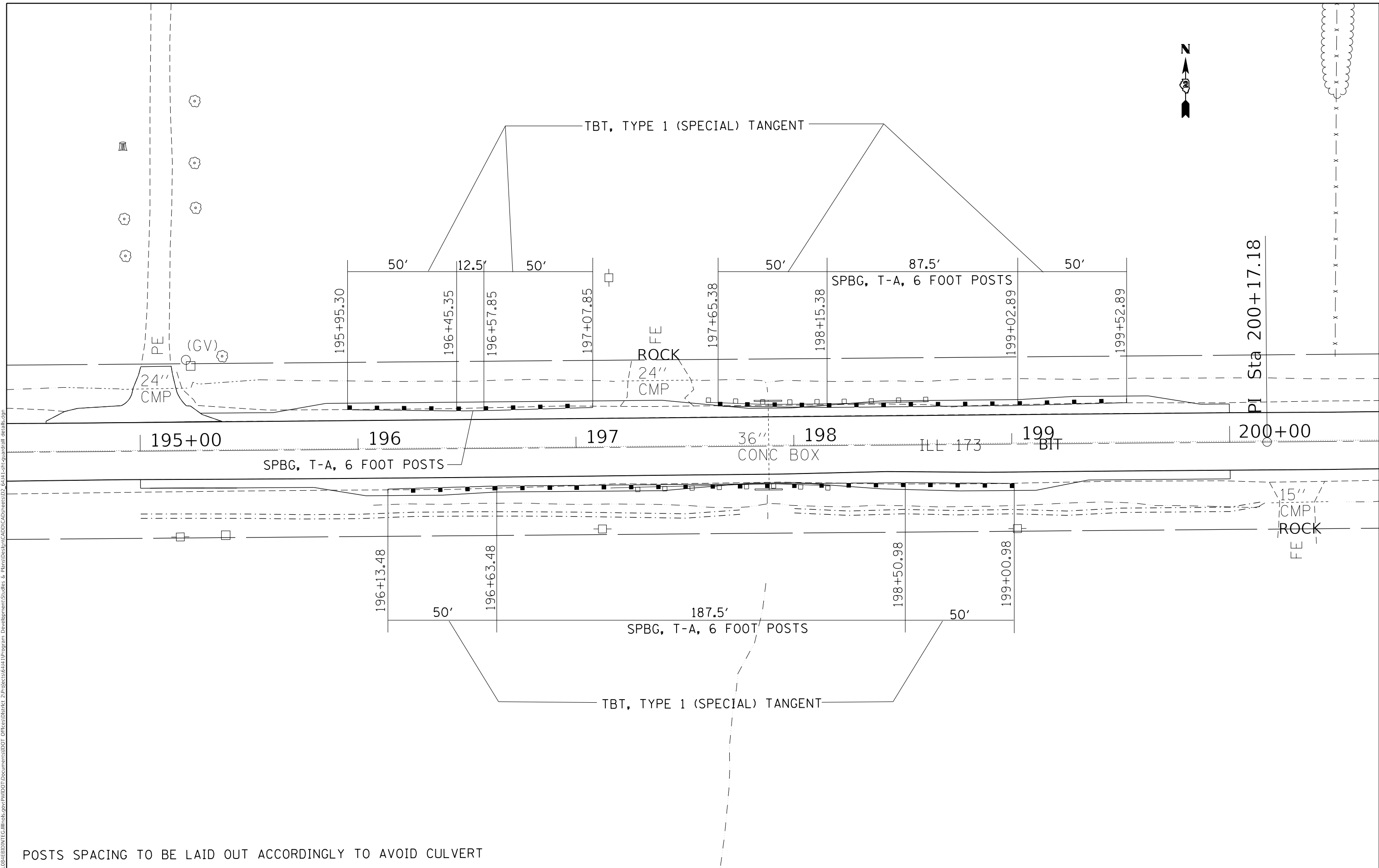
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PLOT DATE = 12/6/2018	DATE -	REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONCRETE GUTTER,
TYPE A (SPECIAL)

SCALE: SHEET OF SHEETS STA. TO STA.

*IL 173	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*303	(129,130)RS	BOONE & WINNEBAGO	105	71	
CONTRACT NO. 64J41					
ILLINOIS FED. AID PROJECT					



POSTS SPACING TO BE LAID OUT ACCORDINGLY TO AVOID CULVERT

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PLOT DATE = 12/6/2018	DATE -	REVISED -

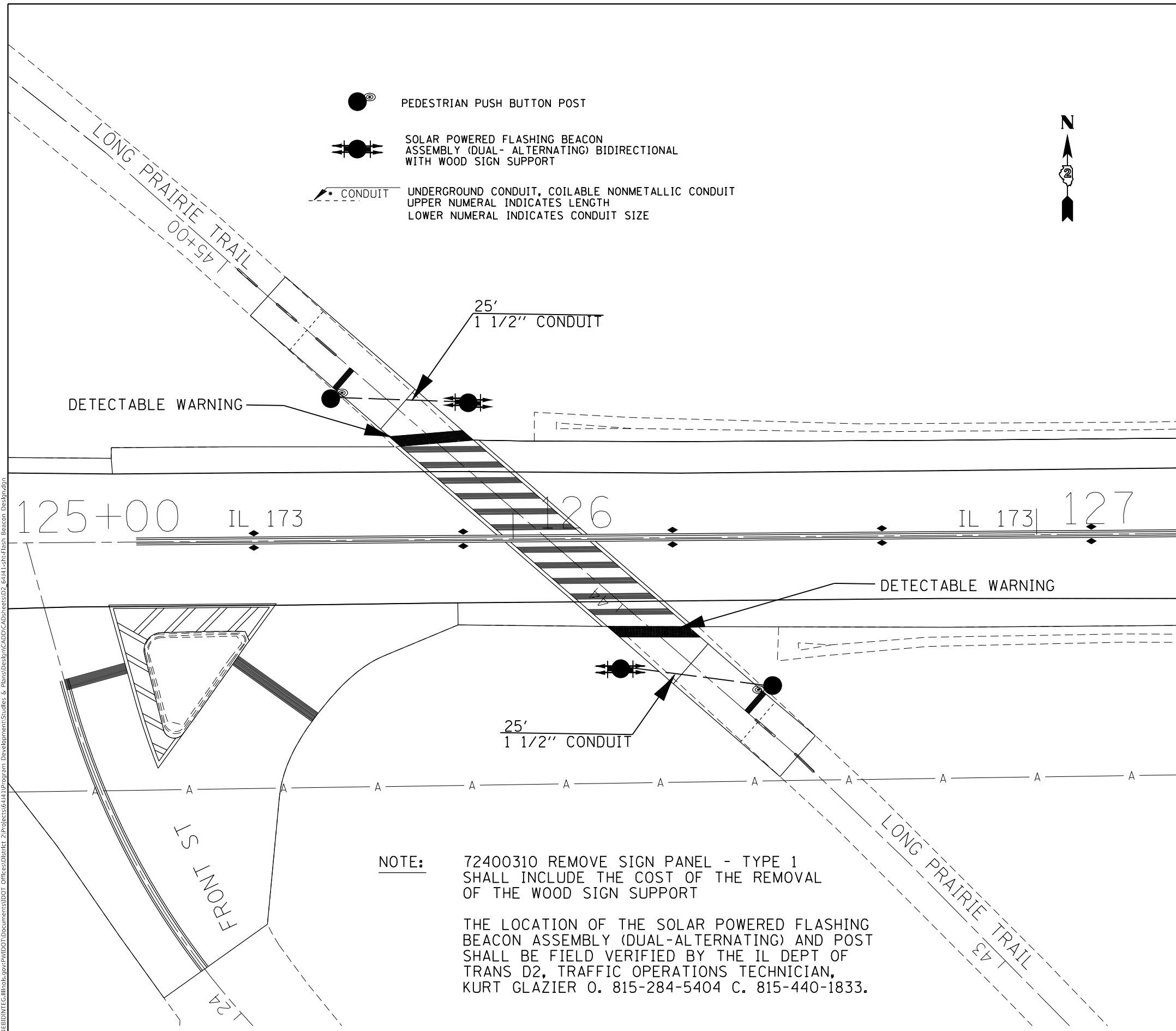
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 173
GUARDRAIL DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

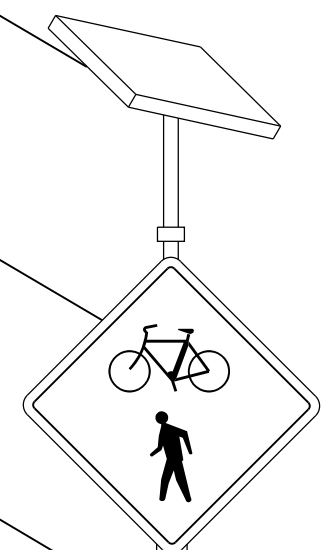
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	(129,130)RS	BOONE & WINNEBAGO	105	73
CONTRACT NO. 64J41				
ILLINOIS FED. AID PROJECT				

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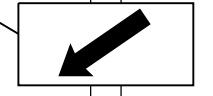
THE SOLAR PANELS SHALL BE WEST FACING FOR BEST SUN EXPOSURE AT THIS LOCATION

W11-15 36"X36" (YELLOW)



LED DUAL-ALTERNATING LIGHT BAR 24" x 4.5"

W16-7P 21" X 15" (YELLOW)

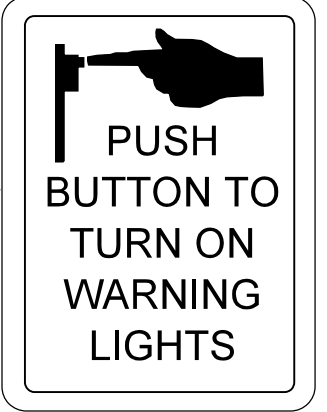


WOOD SIGN SUPPORT 4" X 6" X 20' FOOT

NOTE:
 X1400175 SOLAR POWERED FLASHING BEACON (DUALING-ALTERNATING) WHICH INCLUDES ALL EQUIPMENT AND SIGNS AS SHOWN. SIGNS AND FLASHERS ARE ON BOTH SIDES OF SIGN POST AT BOTH LOCATIONS.

73000100 WOOD SIGN SUPPORT 20 FT PER LOCATION

R10-25 21"X15"



NOTE:
 PLACE THIS SIGN ON THE PEDESTRIAN PUSH BUTTON POST, AS SHOWN ON STATE STANDARD 876001-04.

THIS SIGN SHALL BE PAID FOR AS:
 72000100 SIGN PANEL - TYPE 1 SQ FT

USER NAME = Karkir	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/6/2018	DATE -	REVISED -

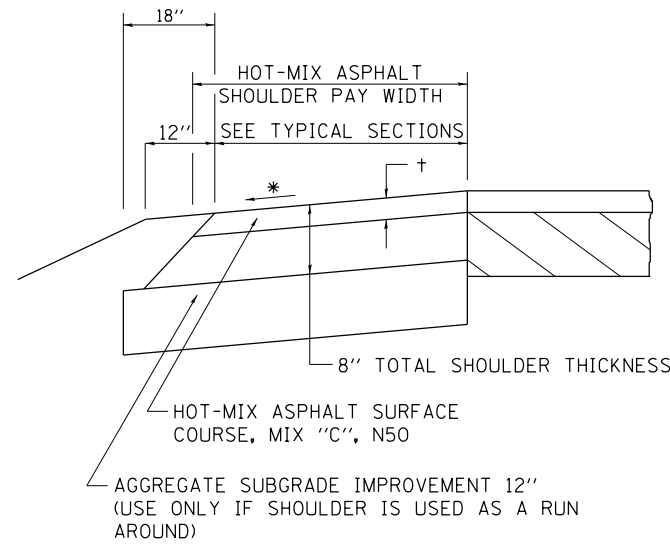
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SOLAR-POWERED FLASHING BEACON DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	(129,130) R5	BOONE/WINNEBAGO	105	74
CONTRACT NO. 64J41				
ILLINOIS FED. AID PROJECT				

HOT-MIX ASPHALT SHOULDER



GENERAL NOTES

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

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

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

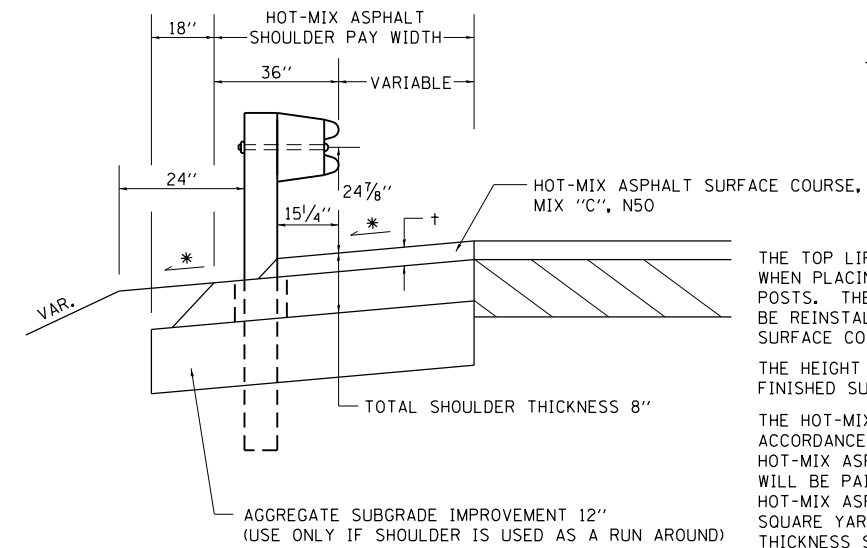
* 4% WHEN MAINLINE IS ON TANGENT. FOR CROSS SLOPE ON SUPERELEVATION SECTION, SEE HIGHWAY STANDARD 482001 OR 482006.

† = SEE TYPICAL SECTIONS FOR THICKNESS

REVISED - 1-05-16
REVISED - 3-13-13

HOT-MIX ASPHALT SHOULDER 22.4

DETAIL OF HOT-MIX ASPHALT SHOULDER AT GUARDRAIL



† = SEE TYPICAL SECTIONS FOR THICKNESS

GENERAL NOTES

THE TOP LIFT SHALL NOT BE PLACED BEHIND THE GUARDRAIL POSTS. WHEN PLACING THE TOP LIFT THE RAIL MUST BE REMOVED FROM THE POSTS. THE POST SHALL NOT BE REMOVED. THE RAIL ELEMENT SHALL BE REINSTALLED WITHIN 72 HOURS OF THE COMPLETION OF THE SURFACE COURSE.

THE HEIGHT OF THE GUARDRAIL SHALL BE SET 24 7/8" FROM THE FINISHED SURFACE.

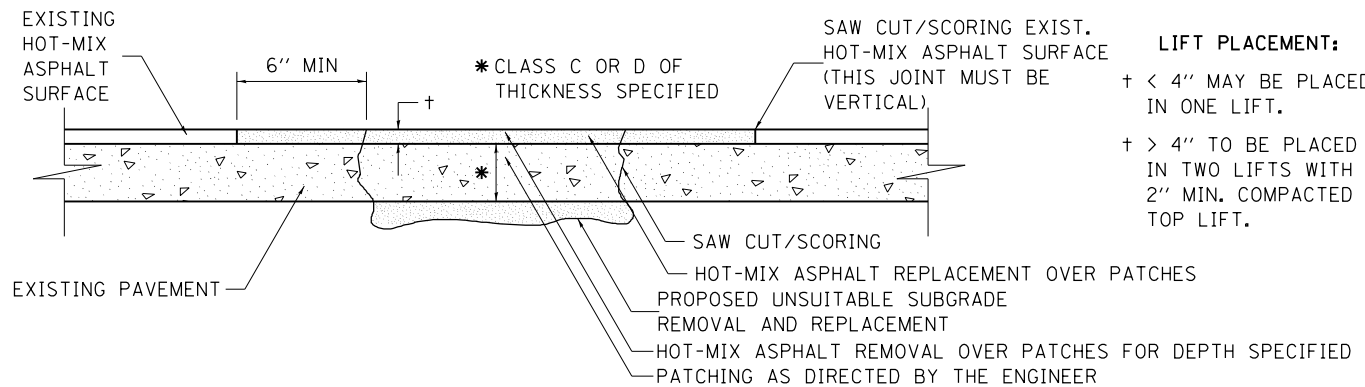
THE HOT-MIX ASPHALT SHOULDER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 482 EXCEPT THE TOP LIFT SHALL BE HOT-MIX ASPHALT SURFACE COURSE, MIXTURE C, N50. THE WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR HOT-MIX ASPHALT SURFACE COURSE, MIXTURE "C", N50 AND SQUARE YARD FOR HOT-MIX ASPHALT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

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

REVISED - 1-05-16
REVISED - 6-27-14
REVISED - 8-27-13
REVISED - 3-13-13

DETAIL OF HOT-MIX ASPHALT SHOULDER AT GUARDRAIL 23.4

PAVEMENT PATCHING FOR HOT-MIX ASPHALT SURFACED PAVEMENT



LIFT PLACEMENT:

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

SEQUENCE OF CONSTRUCTION:

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

GENERAL NOTES:

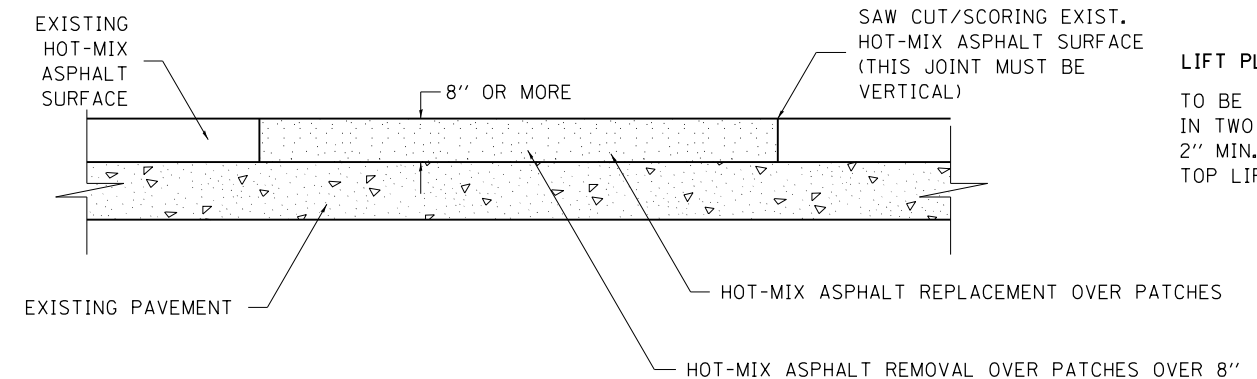
1. FOR BASIS OF PAYMENT: SEE THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 10-03-11

PAVEMENT PATCHING FOR HOT-MIX ASPHALT SURFACED PAVEMENT 32.4

PAVEMENT PATCHING DETAIL



LIFT PLACEMENT:

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

SEQUENCE OF CONSTRUCTION:

1. REMOVE THE EXISTING HOT-MIX ASPHALT SURFACE.
2. REPLACE HOT-MIX ASPHALT SURFACE.

GENERAL NOTES:

1. FOR BASIS OF PAYMENT: SEE THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

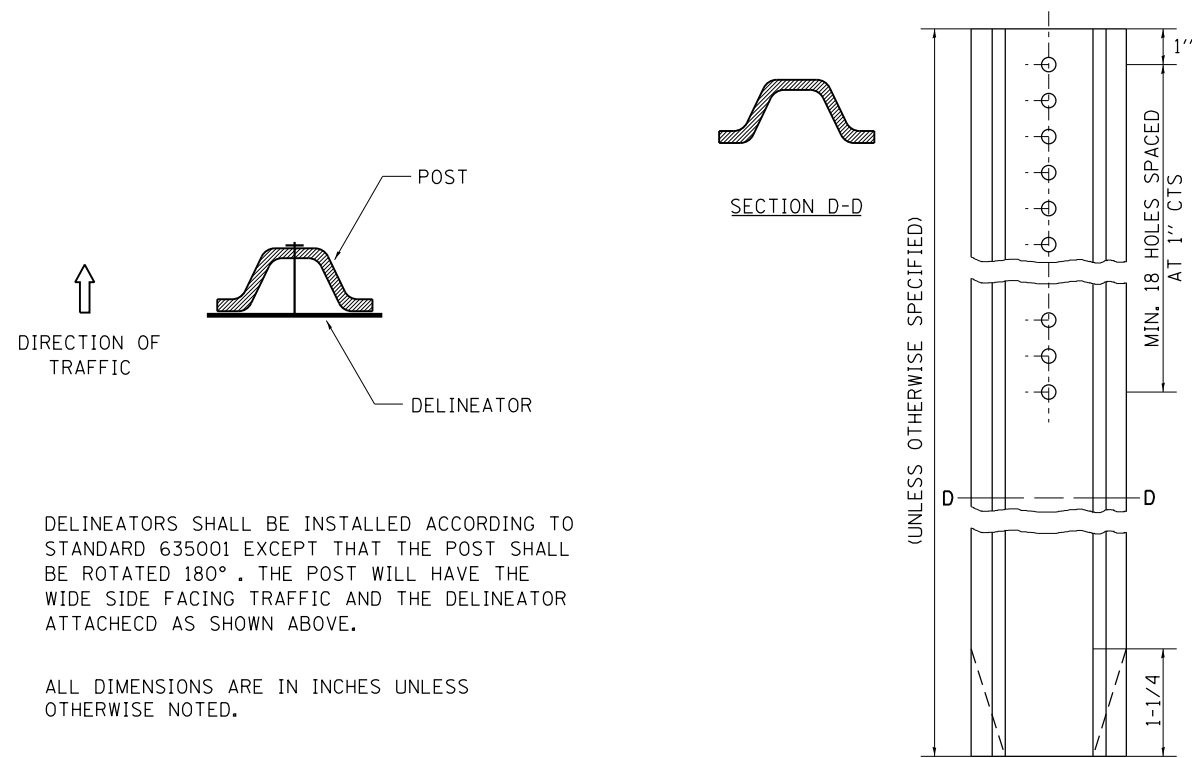
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 10-03-11

PAVEMENT PATCHING DETAIL 33.4

REVISED -	REGION 2 / DISTRICT 2 STANDARD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -		"303	(129,130)RS	BOONE & WINNEBAGO	105	75
REVISED -		CONTRACT NO. 64J41				
REVISED -		SCALE: 66.0000' / 1"	SHEET NO.	OF SHEETS	STA.	TO STA.

DELINEATOR AND POST ORIENTATION



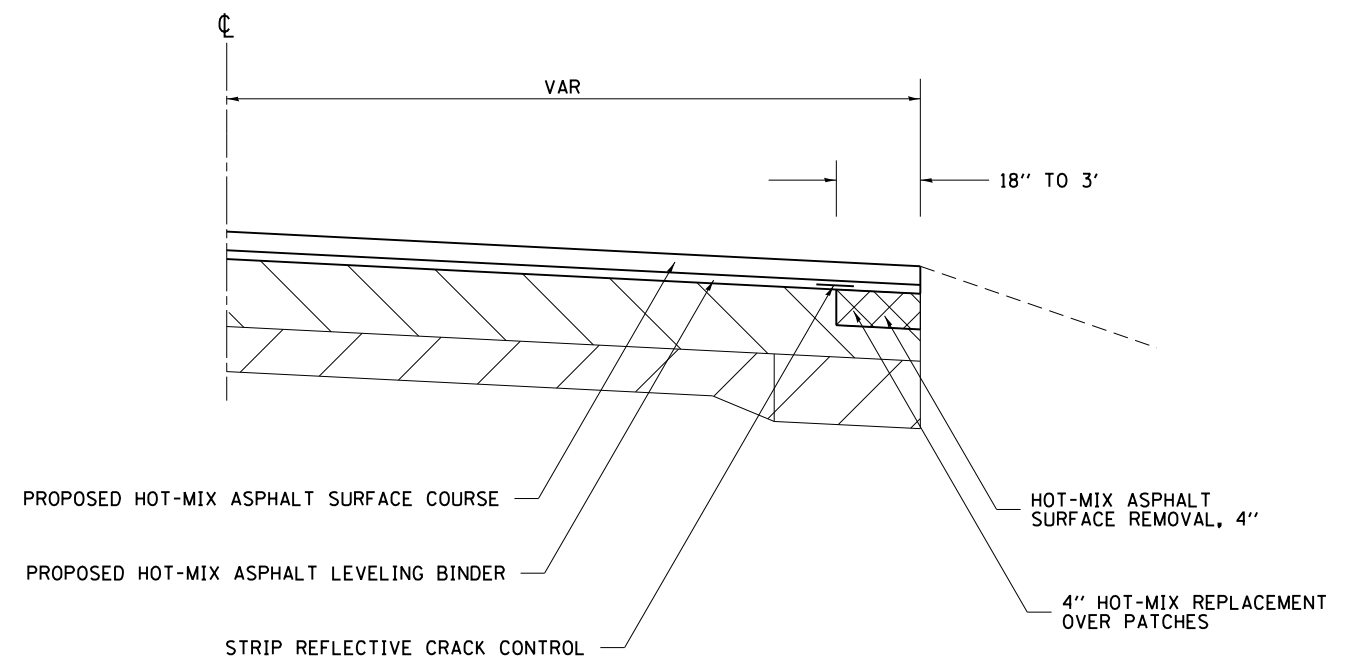
DELINEATORS SHALL BE INSTALLED ACCORDING TO STANDARD 635001 EXCEPT THAT THE POST SHALL BE ROTATED 180°. THE POST WILL HAVE THE WIDE SIDE FACING TRAFFIC AND THE DELINEATOR ATTACHED AS SHOWN ABOVE.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 10-03-11

DELINEATOR AND POST ORIENTATION 37.4

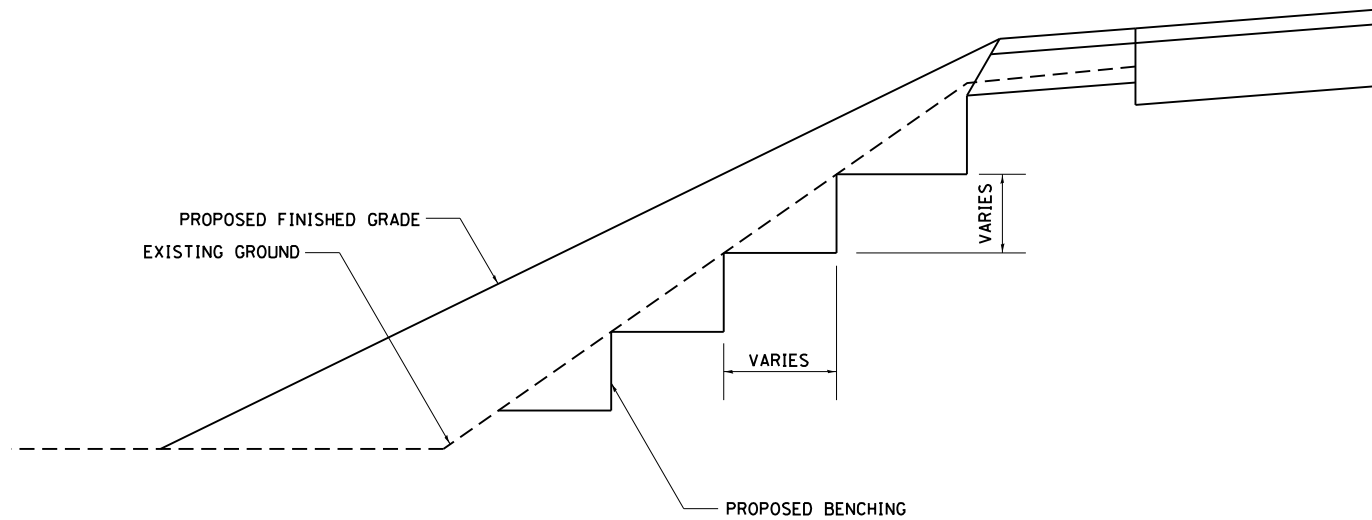
EDGE OF PAVEMENT REPAIR



REVISED - 7-30-18
4-04-11

EDGE OF PAVEMENT REPAIR 38.4

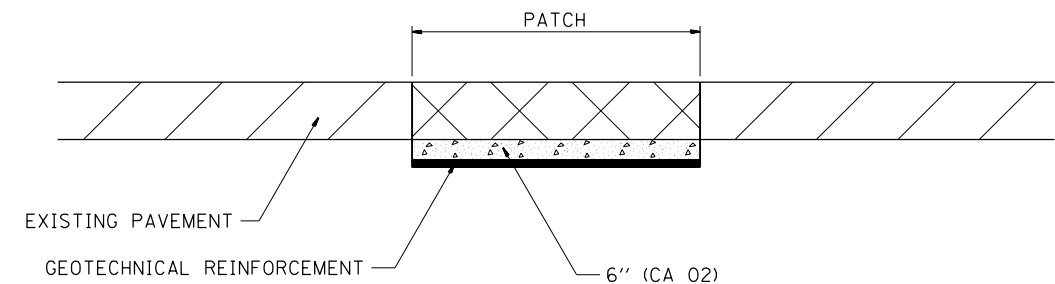
TYPICAL BENCHING ON EXISTING EMBANKMENT



REVISED - 2-22-06

TYPICAL BENCHING ON EXISTING EMBANKMENT 50.4

SUBGRADE REPLACEMENT



NOTES:

THE CA 02 SHALL BE COMPACTED IN A MANNER APPROVED BY THE ENGINEER. IF THE MOISTURE CONTENT OF THE MATERIAL IS SUCH THAT COMPACTION SATISFACTORY TO THE ENGINEER CANNOT BE OBTAINED, SUFFICIENT WATER SHALL BE ADDED SO THAT SATISFACTORY COMPACTION CAN BE OBTAINED.

THE CA 02 SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CU YD FOR AGGREGATE SUBGRADE IMPROVEMENT WHICH SHALL ALSO INCLUDE ALL EARTH EXCAVATION.

THE GEOTECHNICAL REINFORCEMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQ YD FOR GEOTECHNICAL REINFORCEMENT.

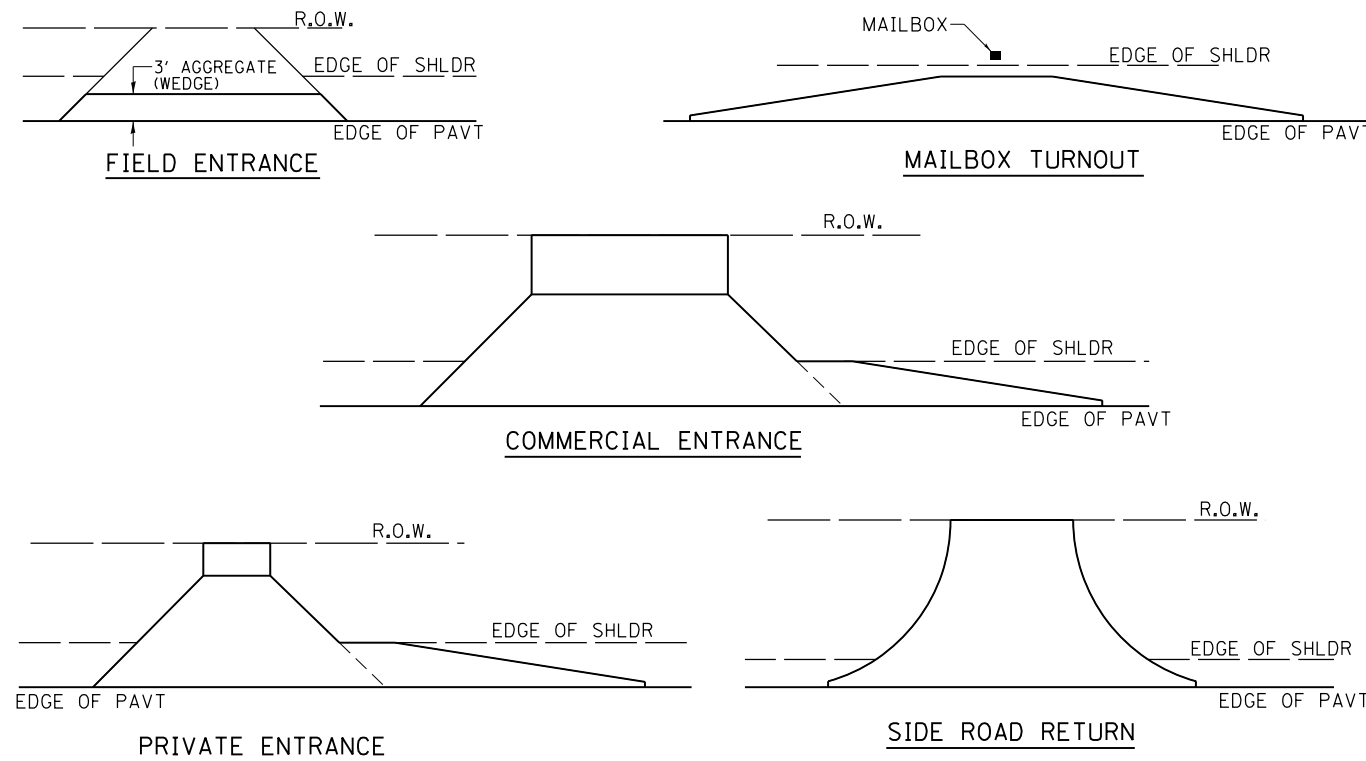
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 3-13-13

SUBGRADE REPLACEMENT 97.4

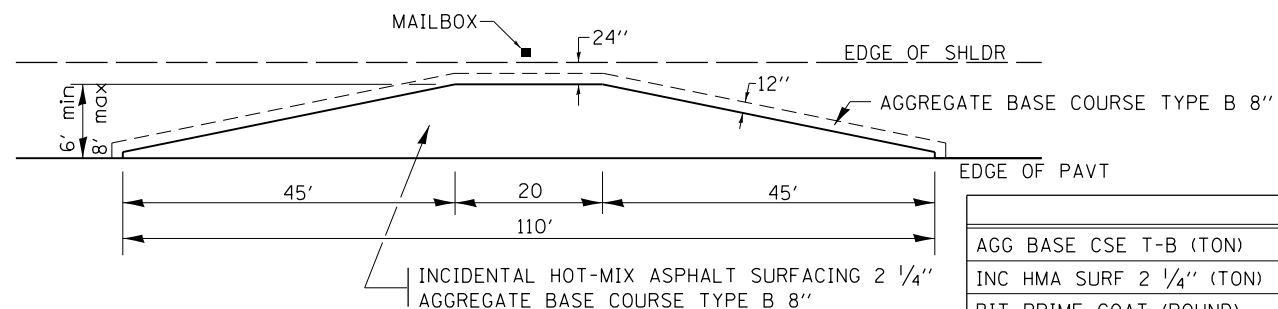
REVISED -	REGION 2 / DISTRICT 2 STANDARD		IL 173	TOTAL SHEETS	SHEET NO.
REVISED -			F.A.P. RTE.	105	76
REVISED -			SECTION	BOONE & WINNEBAGO	
REVISED -			"303	(129,130)RS	
REVISED -			CONTRACT NO. 64J41		
REVISED -	SCALE: 66.0000' / 1"	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

HOT-MIX ASPHALT APPROACHES & MAILBOX RETURNS FOR TWO LIFT (3P) RESURFACING PROJECTS



- NOTE:** EXISTING HMA PE's, CE's, SR's, & MB TURNOUTS
Place 2 1/4" Incidental Hot-Mix Asphalt Surfacing on entrance to conform to the existing configuration.
- EXISTING AGG. PE's & CE's
Place 2 1/4" Incidental Hot-Mix Asphalt Surfacing on existing entrance to conform to the present configuration.
- EXISTING AGG. SIDEROADS
Place 3" Incidental Hot-Mix Asphalt Surfacing on sideroad to conform to the present configuration.

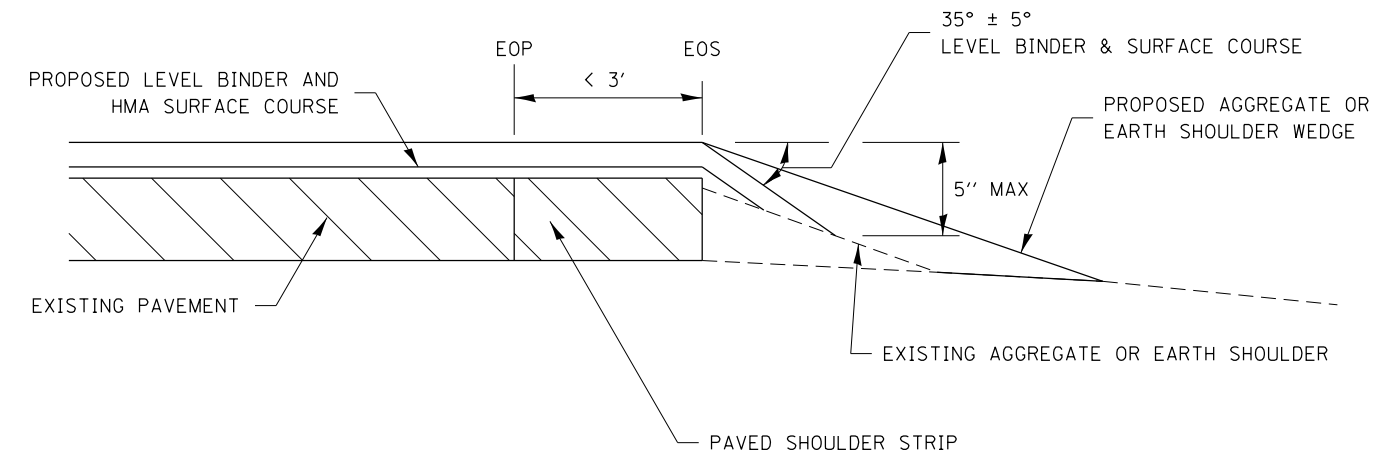
EXISTING AGG. MAILBOX TURNOUTS
Existing Agg. Mailbox Turnouts shall be constructed as shown below.



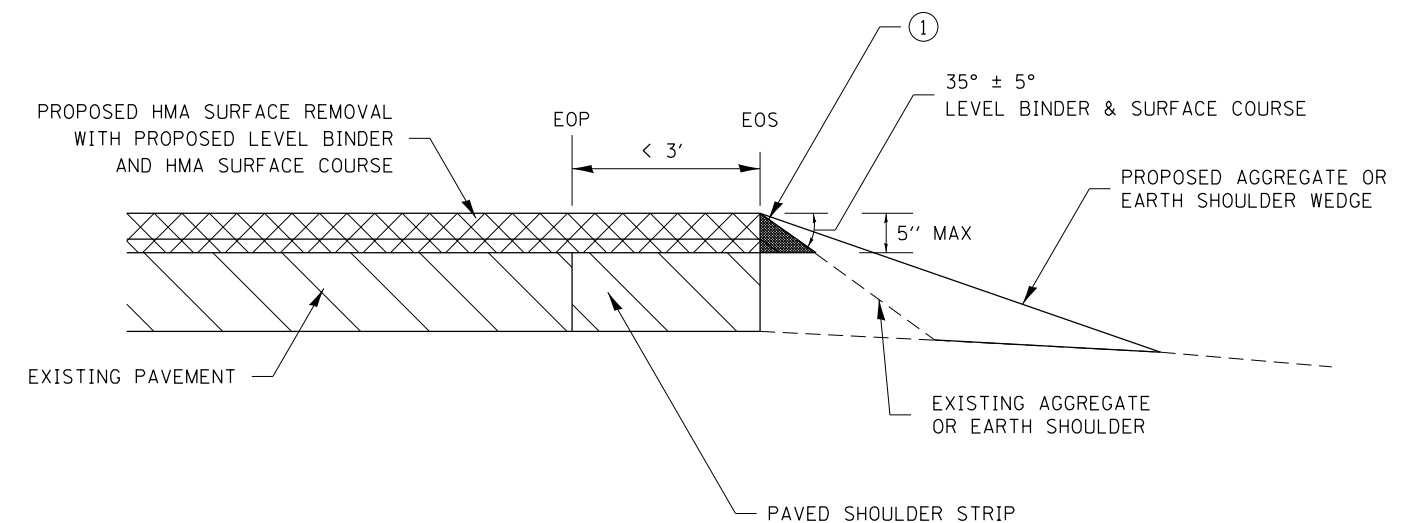
	6'	8'
AGG BASE CSE T-B (TON)	24.5	31.1
INC HMA SURF 2 1/4" (TON)	8.2	11.0
BIT PRIME COAT (POUND)	120	161

REVISÉ - 1-05-16
REVISÉ - 7-21-15
REVISÉ - 6-27-14
REVISÉ - 10-21-08

SAFETY EDGE (3P PROJECTS)



NO MILLING: ADJACENT SHOULDER FLUSH WITH OR LOWER THAN EXISTING PAVEMENT



MILLING: WITH ADJACENT SHOULDER FLUSH WITH OR HIGHER THAN MILLED SURFACE

NOTES : THE DEVICE WHICH FORMS THE SAFETY EDGE SHALL BE MOUNTED ON THE PAVER SCREED AGAINST THE END GATE AND SHALL BE REMOVABLE OR BE ABLE TO BE LIFTED WHEN NOT IN USE. THE DEVICE SHALL BE DESIGNED TO MAINTAIN CONTACT WITH SURFACE OF THE SHOULDER AND ALLOW AUTOMATIC TRANSITION TO CROSS ROADS, DRIVEWAYS AND OBSTRUCTIONS. THE DEVICE SHALL ALSO CONSTRAIN THE HMA MATERIAL AND INCREASE THE CONSOLIDATION OF THE EXTRUDED PROFILE. THE USE OF A CONVENTIONAL SINGLE PLATE STRIKE-OFF WILL NOT BE ALLOWED.

① PRIOR TO THE PLACEMENT OF THE HMA SAFETY EDGE, IF THE ADJACENT AGGREGATE OR EARTH SHOULDER IS HIGHER THAN THE MILLED SURFACE, THE AREA REQUIRED FOR PLACEMENT OF THE SAFETY EDGE SHALL BE BROUGHT FLUSH WITH THE MILLED SURFACE IN A MANNER APPROVED BY THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER TON FOR HOT-MIX ASPHALT SURFACE COURSE OF THE TYPE SPECIFIED.

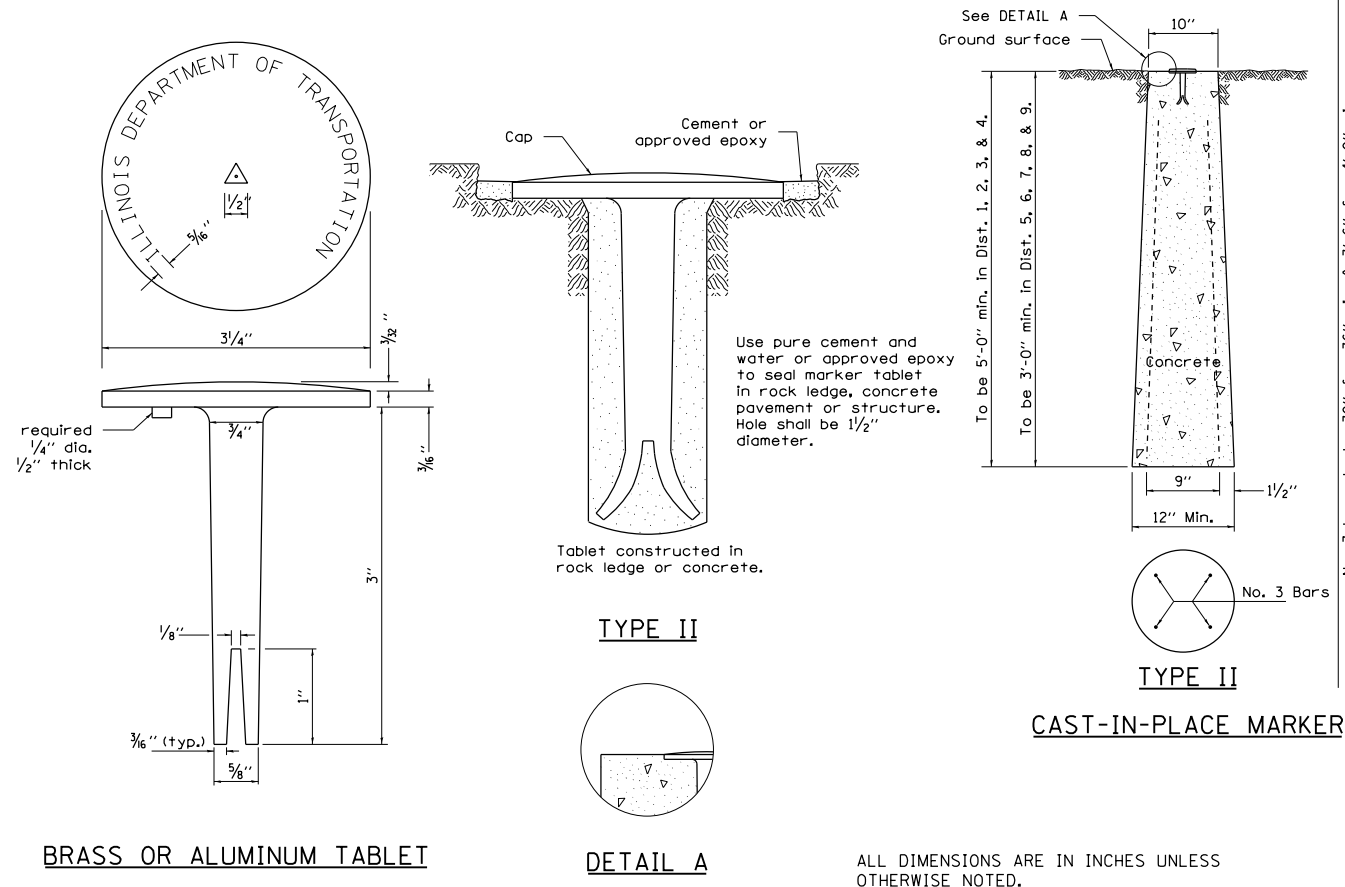
ROLLERS WILL NOT BE ALLOWED ON THE SLOPED FACE OF THE SAFETY EDGE.

REVISÉ - 1-05-16
REVISÉ - 10-11-13

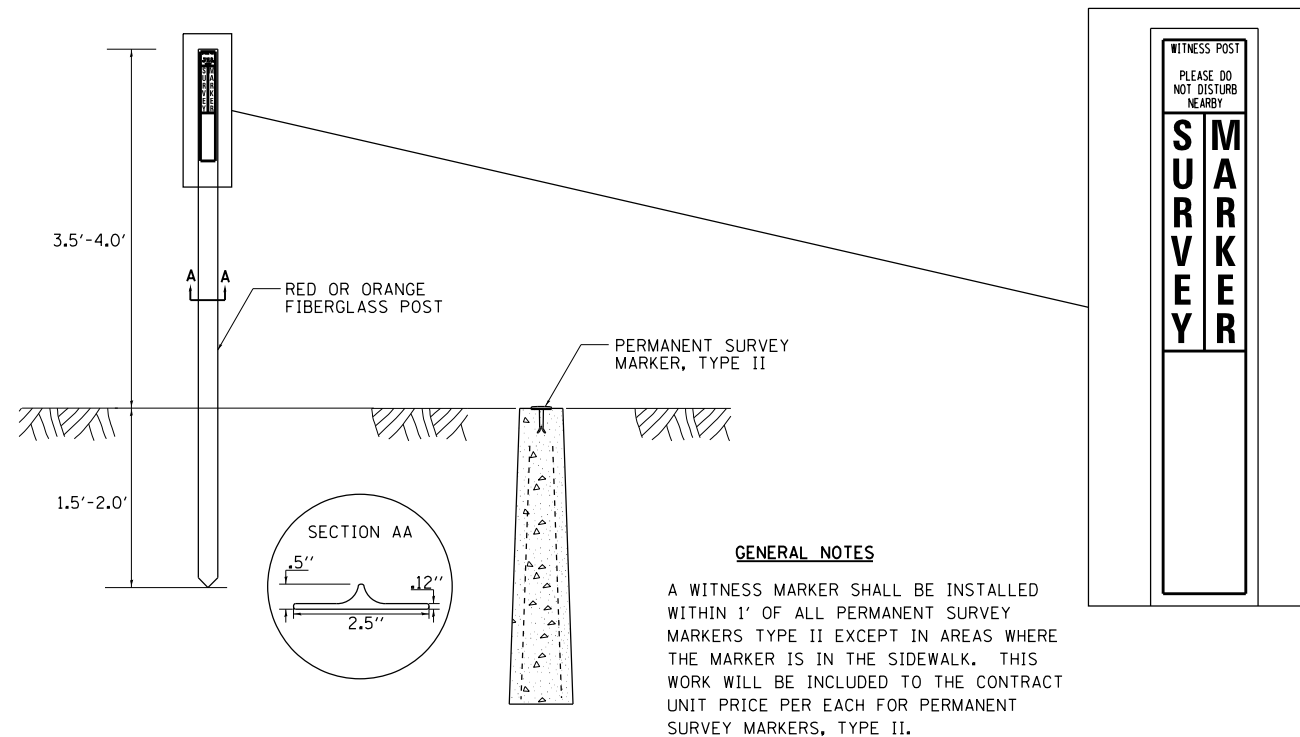
SAFETY EDGE (3P PROJECTS) 49.2

REVISÉ -	REGION 2 / DISTRICT 2 STANDARD	*IL 173		F.A.P. SHEETS	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISÉ -		303	(129,130)RS	BOONE & WINNEBAGO	105	77		
REVISÉ -		SCALE: 66.0000' / 1"		SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 64J41		
REVISÉ -		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT				

PERMANENT SURVEY MARKERS, TYPE II



WITNESS MARKER FOR PERMANENT SURVEY MARKERS, TYPE II

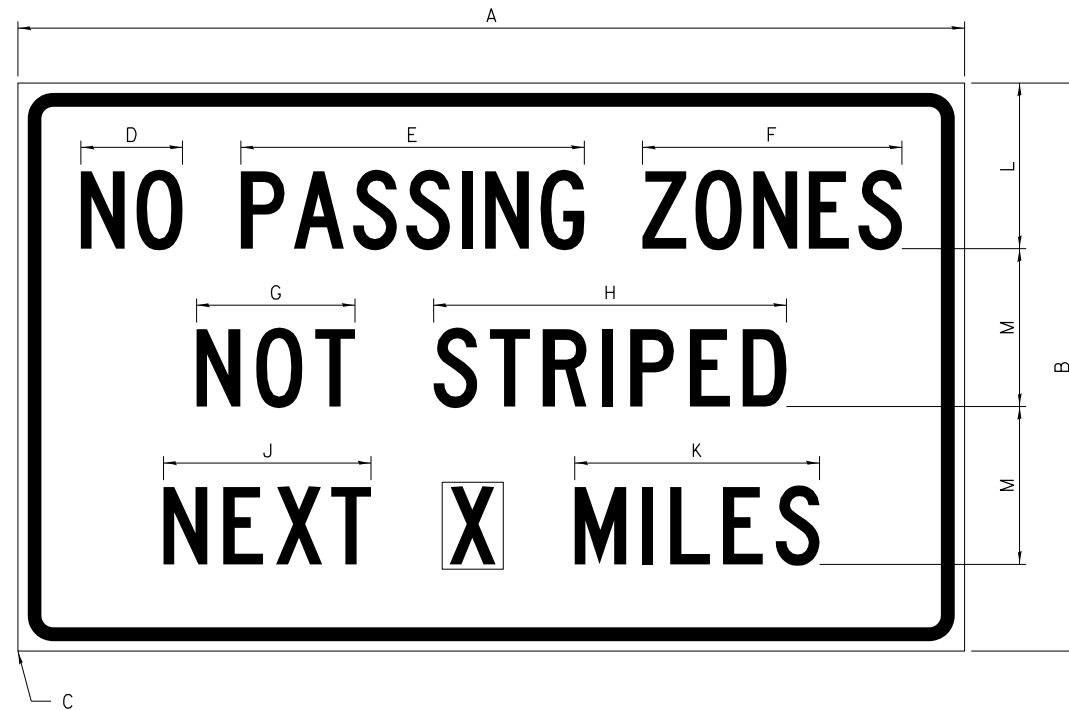


REVISED - 6-27-14
 REVISED - 10-14-11

REVISED -	REGION 2 / DISTRICT 2 STANDARD SCALE: 66.0000' / 1" SHEET NO. OF SHEETS STA. TO STA.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -		303	(129,130)RS	BOONE & WINNEBAGO	105	78
REVISED -		CONTRACT NO. 64J41				
REVISED -		FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
REVISED -						

WORK ZONE SIGN DETAILS

ILLINOIS STANDARD G20-I100



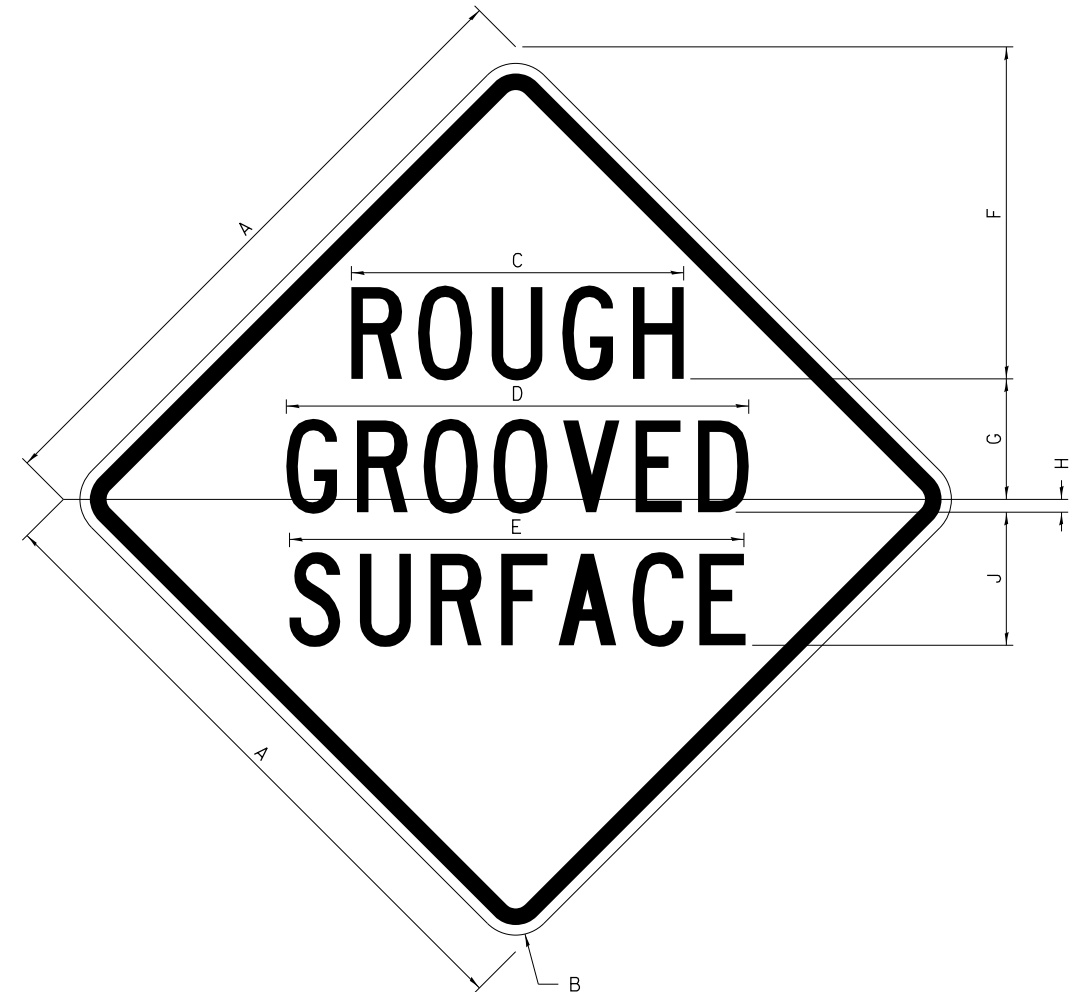
COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

SIGN SIZE	DIMENSIONS											
	A	B	C	D	E	F	G	H	J	K	L	M
60 x 36	60.00	36.00	2.25	6.4	21.80	16.40	10.00	22.40	13.20	15.50	10.50	10.00

SIGN SIZE	SERIES BY LINE			MARGIN	BORDER
	1	2	3		
60 x 36	5C	5C	5C	0.625	0.875

Sign not to scale

ILLINOIS STANDARD W8-I107



COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

SIGN SIZE	DIMENSIONS								
	A	B	C	D	E	F	G	H	J
48 x 48	48.00	3.00	25.00	34.80	34.20	24.94	9.00	1.00	10.00

SIGN SIZE	SERIES BY LINE			MARGIN	BORDER
	1	2	3		
48 x 48	7C	7C	7C	1.250	0.750

Sign not to scale

GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

FILE NAME =	USER NAME = Karkir	DESIGNED -	REVISED - 3-02-16
pw:\IL\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 2\Projects\64J41\Drawings\Development\Studies & Plans\Des\REVISED\CAD\Sheets\02_64J41-sht-details.dgn		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

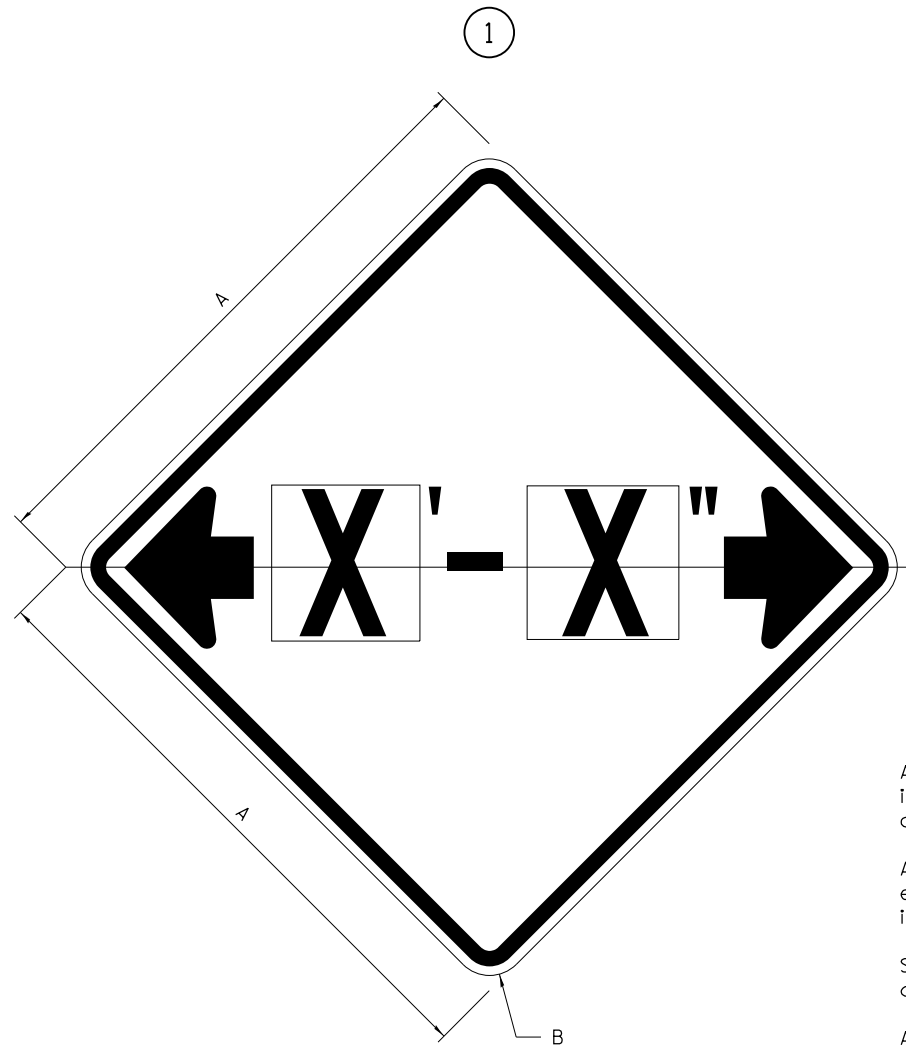
REGION 2 / DISTRICT 2 STANDARD

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

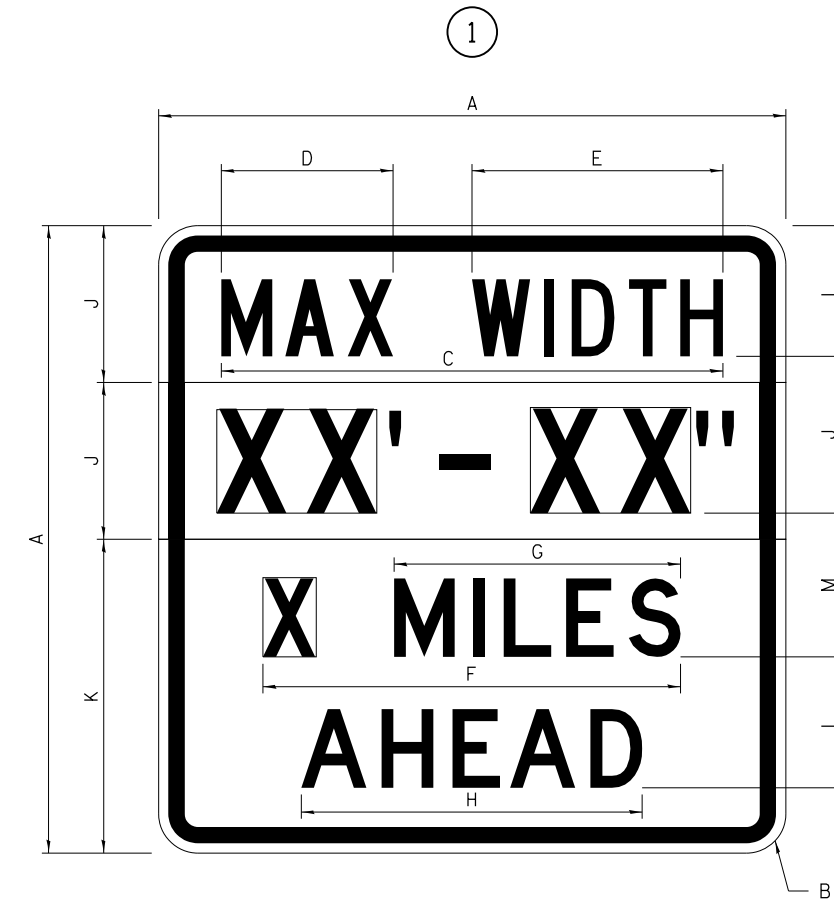
*IL 173	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*303	(129,130)RS	BOONE & WINNEBAGO	105	79	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					CONTRACT NO. 64J41

WORK ZONE SIGN DETAILS

ILLINOIS STANDARD W12-I102



ILLINOIS STANDARD W12-I103



GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

COLOR LEGEND AND BORDER BACKGROUND BLACK FL ORANGE NON-REFLECTORIZED REFLECTORIZED

SIGN SIZE	DIMENSIONS	
	A	B
48 x 48	48.00	3.00

① Illinois Standard signs W12-I102 and W12-I103 shall be used as described in the special provisions.

SIGN SIZE	SERIES BY LINE	MARGIN	BORDER
	1		
48 x 48	12C	0.750	1.250

Sign not to scale

COLOR LEGEND AND BORDER BACKGROUND (WIDTH) BLACK WHITE FL ORANGE NON-REFLECTORIZED REFLECTORIZED REFLECTORIZED

SIGN SIZE	DIMENSIONS											
	A	B	C	D	E	F	G	H	J	K	L	M
48 x 48	48.00	3.00	38.40	13.20	19.20	32.00	22.00	26.20	12.00	24.00	10.00	11.00

SIGN SIZE	SERIES BY LINE				MARGIN	BORDER
	1	2	3	4		
48 x 48	6C	8D	6D	6D	0.750	1.250

Sign not to scale

XX'-XX" WIDTH AND X MILES ARE VARIABLE TOP AND BOTTOM OF BACKGROUND WHITE

FILE NAME =	USER NAME = Karkir	DESIGNED -	REVISED - 3-02-16
pw:\IL\084EBIDINTEG\illinois.gov\PIDOT\Documents\DOT Offices\District 2\Projects\64J1\Drawings\Development\Studies & Plans\Development\CA\Sheets\02_64J41-sht-details.dgn		DRAWN -	REVISED -
PLOT SCALE = 66.0000' / in.	CHECKED -	DATE -	REVISED -
PLOT DATE = 12/6/2018			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

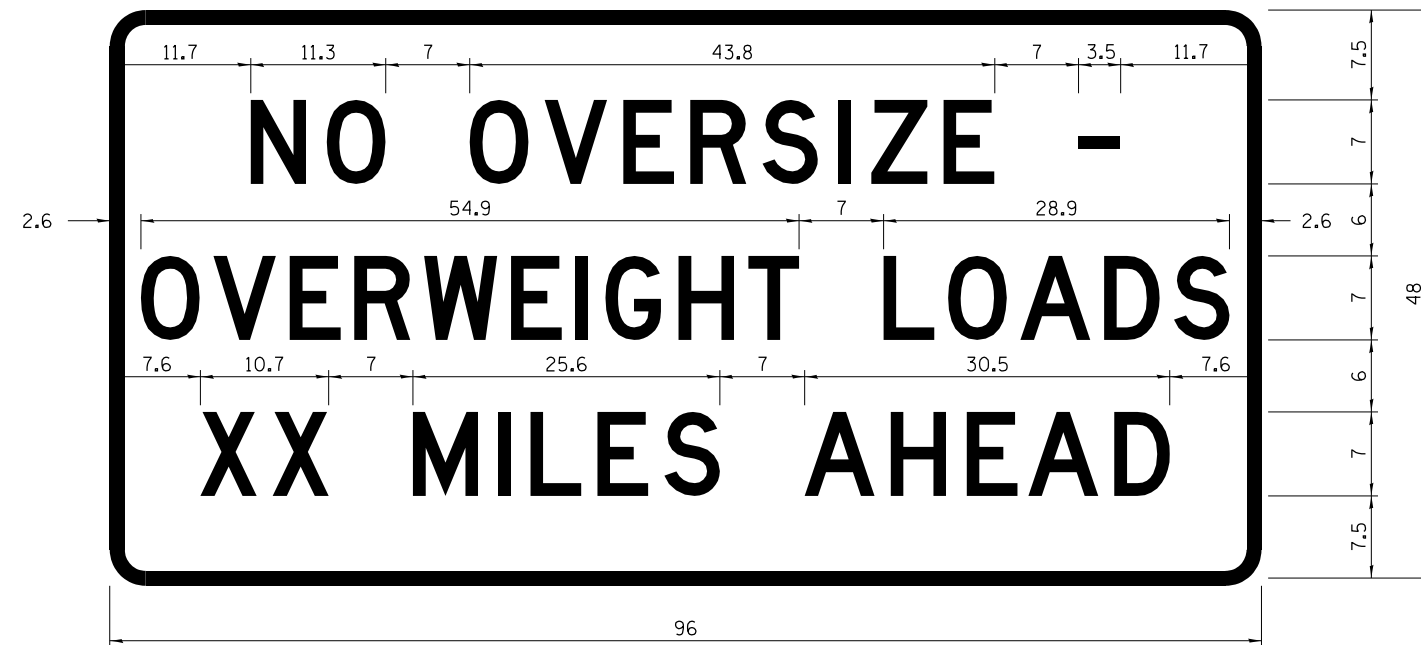
REGION 2 / DISTRICT 2 STANDARD

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

F.A.P. R.T.E. #303	SECTION (129,130)RS	COUNTY BOONE & WINNEBAGO	TOTAL SHEETS 105	SHEET NO. 80
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 64J41	

WORK ZONE SIGN DETAILS

ROAD CLOSED TO OVERSIZED LOADS



STOP LINE SIGN FOR TEMPORARY SIGNALS



COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

Permit Loads - Loads Over 13 Feet; 3.0" Radius, 1.3" Border; [NO OVERSIZE -] D; [OVERWEIGHT LOADS] D 85% spacing; [XX MILES AHEAD] D; Table of letter and object lefts.

N	O	O	V	E	R	S	I	Z	E	-
11.7	18.1	30.0	36.2	42.8	48.4	54.4	60.7	63.5	69.5	80.8

O	V	E	R	W	E	I	G	H	T	L	O	A	D	S
2.6	8.6	15.0	20.4	26.2	33.4	38.8	41.3	47.4	53.2	64.5	69.9	75.9	82.9	88.7

X	X	M	I	L	E	S	A	H	E	A	D
7.6	13.6	25.3	32.3	35.1	40.6	46.2	57.9	65.1	71.4	76.6	83.7

Sign not to scale

COLOR LEGEND AND BORDER BACKGROUND BLACK WHITE NON-REFLECTORIZED REFLECTORIZED

SIGN SIZE	SERIES BY LINE		
	1	2	3
24 x 24	4C	4C	4C

Sign not to scale

GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

FILE NAME =	USER NAME = Karkir	DESIGNED -	REVISED - 3-02-16
p:\11\084EBIDINTEG\illinois.gov\PI\DOT\Documents\DOT Offices\District 2\Projects\64J1\Drawings\Development\Studies & Plans\Development\02_64J41-shd-details.dgn		DRAWN -	REVISIONS -
	PLOT SCALE = 66.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/6/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

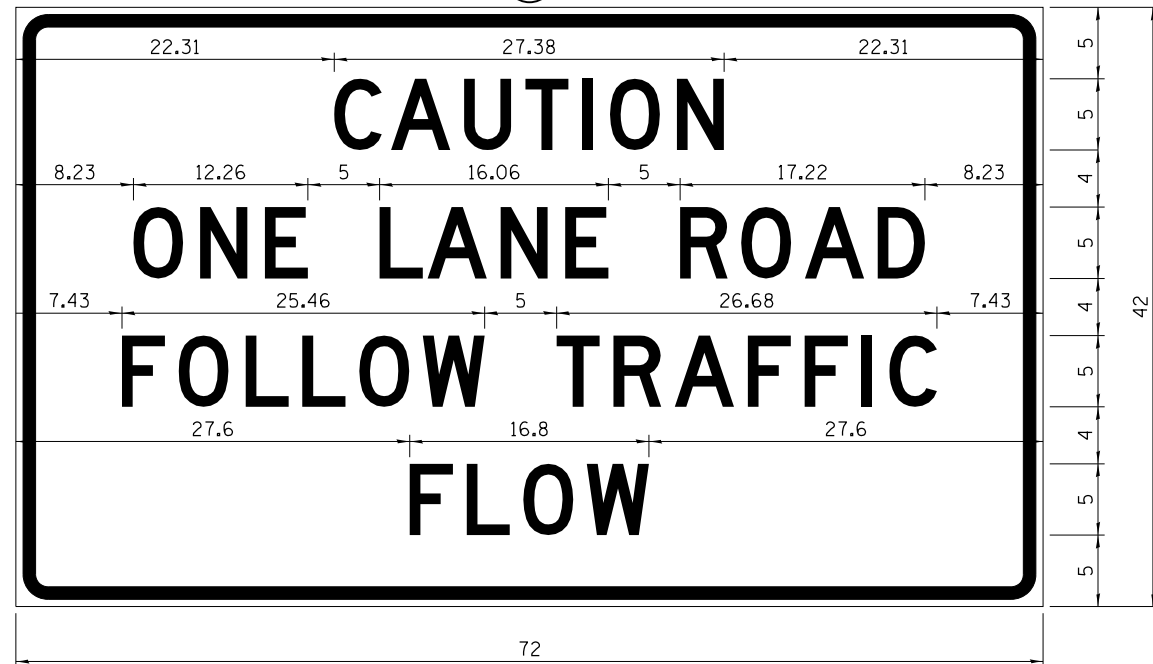
SCALE: SHEET NO. OF SHEETS STA. TO STA.

*IL 173	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	*303	(129,130)RS	BOONE & WINNEBAGO	105	81
				CONTRACT NO. 64J41	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			

**ENTRANCE SIGN FOR USE
WITH TEMPORARY SIGNALS**

WORK ZONE SIGN DETAILS

②



COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

2.25" Radius, 0.88" Border, 0.50" Indent;
[CAUTION] D; [ONE LANE ROAD] D;
[FOLLOW TRAFFIC] D; [FLOW] D

② This sign shall be installed at entrances located between the temporary signals as shown in the staging plans.

Table Of Widths And Spaces

22.31	C	3.36	0.62	A	4.18	0.94	U	3.36	0.94	T	3.04	0.94	I	0.78	1.17	O	3.52	1.17	N	3.36	22.31
-------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	-------

8.23	O	3.51	1.17	N	3.36	1.18	E	3.04
------	---	------	------	---	------	------	---	------

5.00	L	3.05	0.31	A	4.18	0.94	N	3.36	1.17	E	3.05
------	---	------	------	---	------	------	---	------	------	---	------

5.00	R	3.36	0.93	O	3.52	0.94	A	4.18	0.93	D	3.36	8.23
------	---	------	------	---	------	------	---	------	------	---	------	------

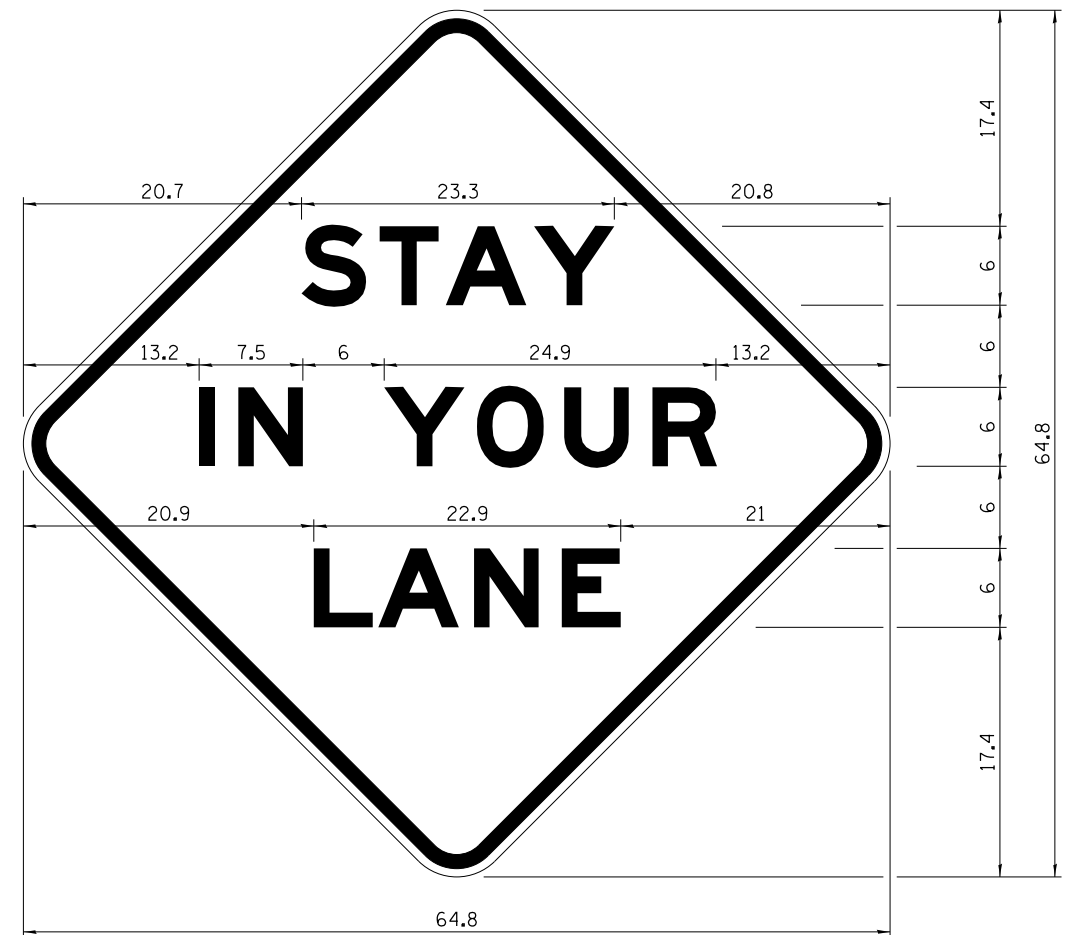
7.43	F	3.04	0.94	O	3.52	1.17	L	3.04	0.94	L	3.05	0.94	O	3.51	0.94	W	4.37
------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------	---	------

5.00	T	3.05	0.94	R	3.36	0.94	A	4.18	0.93	F	3.05	0.94	F	3.04	0.94	I	0.78	1.18	C	3.35	7.43
------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------

27.60	F	3.05	0.94	L	3.04	0.94	O	3.52	0.93	W	4.38	27.60
-------	---	------	------	---	------	------	---	------	------	---	------	-------

Sign not to scale

STAY IN YOUR LANE



COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

48.0" across sides 3.8" Radius, 1.0" Border, 0.6" Indent;
"STAY" E Mod; "IN YOUR" E Mod; "LANE" E Mod;

Table of Letter and Object Lefts

S	T	A	Y
20.7	26.8	31.6	38.0

I	N	Y	O	U	R
13.2	15.9	26.7	33.9	40.5	46.8

L	A	N	E
20.9	25.8	33.1	39.4

Sign not to scale

GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

FILE NAME =	USER NAME = Karkir	DESIGNED -	REVISED - 3-02-16
p:\11\084EBID\INTEG\illinois.gov\PIDOT\Documents\DOT Offices\District 2\Projects\64J1\Drawings\Development\Studies & Plans\DESIGN\CD\Sheets\02_64J41-sht-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 66.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/6/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

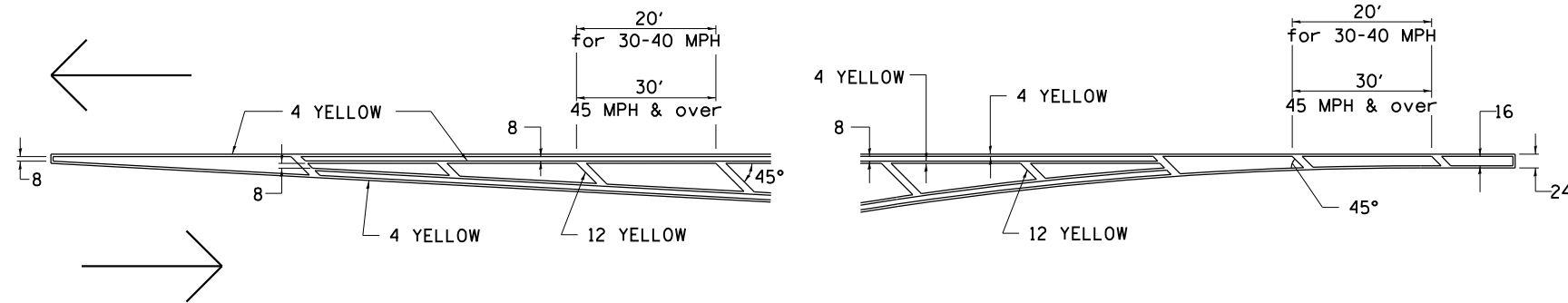
REGION 2 / DISTRICT 2 STANDARD

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

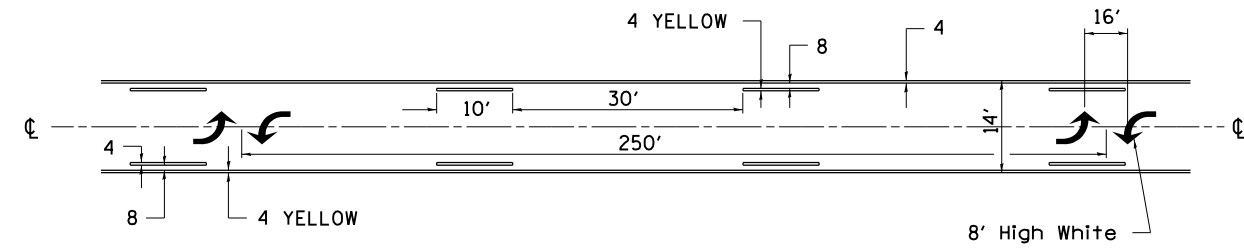
*IL 173	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*303	(129,130)RS		BOONE & WINNEBAGO	105	82
CONTRACT NO. 64J41					
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

TYPICAL PAVEMENT MARKINGS

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

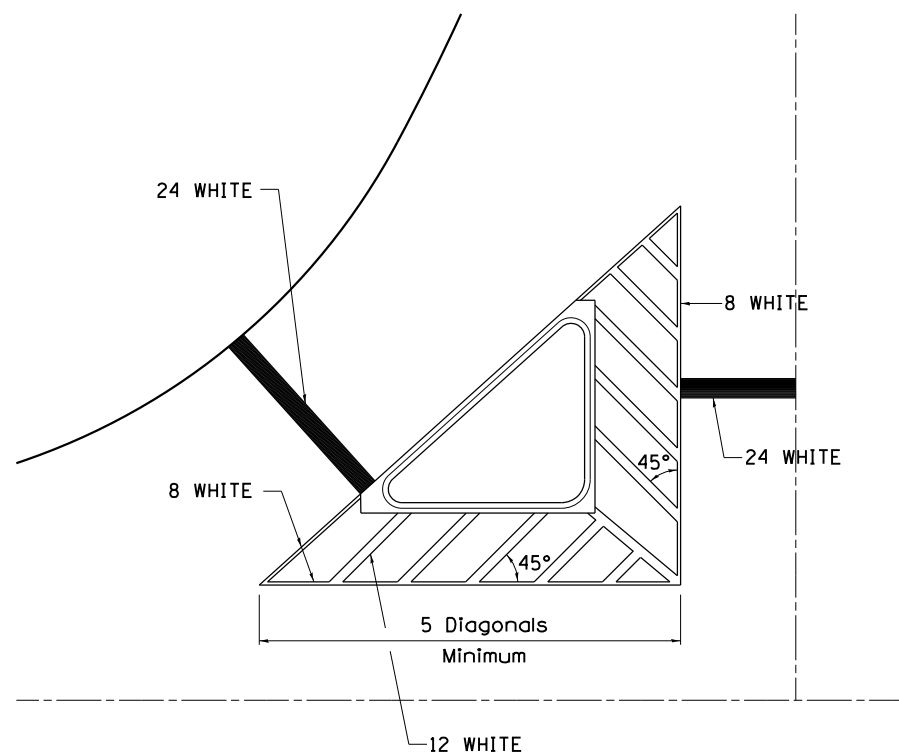


MEDIAN PAVEMENT MARKING



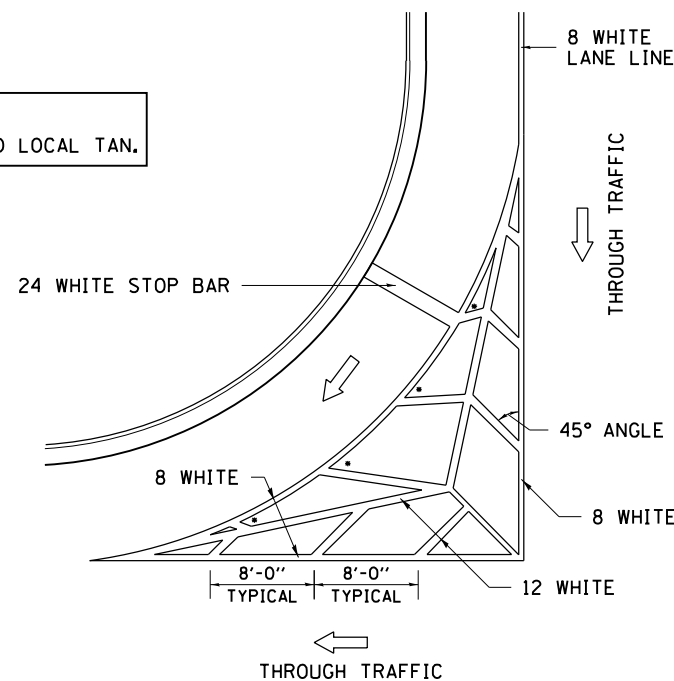
•• ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

TYPICAL ISLAND OFFSET SHOULDER WIDTH



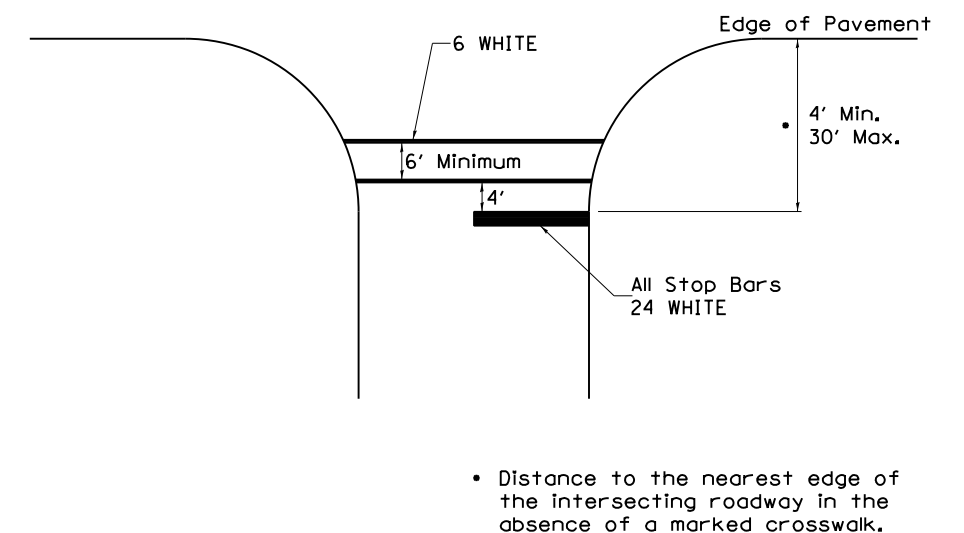
TYPICAL MARKING FOR PAINTED ISLANDS

NOTE:
* 45° TO LOCAL TAN.



STANDARD CROSSWALK MARKING

See Schedules for Locations



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

FILE NAME =	USER NAME = Karkir	DESIGNED -	REVISED - 6-27-14
pw:\IL\084EBIDINTEG\Illinois.gov\PWIDOT\Documents\IDOT Offices\District 2\Projects\64J1\Drawings\Development\Studies & Plans\Development\CA\sheet\3-08-14\shd-details.dgn		DRAWN -	REVISED - 3-08-14
PLOT SCALE = 66.0000' / in.	CHECKED -		REVISED -
PLOT DATE = 12/6/2018	DATE -		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

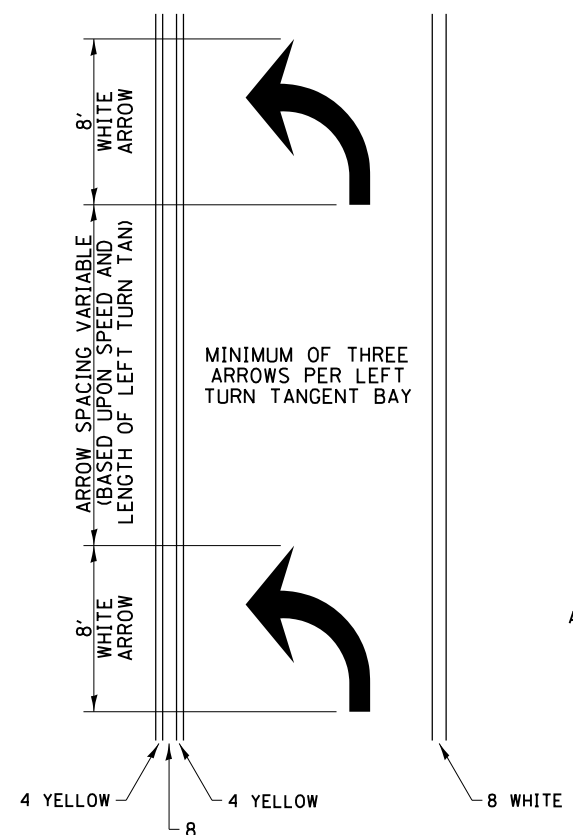
REGION 2 / DISTRICT 2 STANDARD

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

*IL 173	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*303	(129,130)RS	BOONE & WINNEBAGO		105	83
CONTRACT NO. 64J41					
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

TYPICAL PAVEMENT MARKINGS

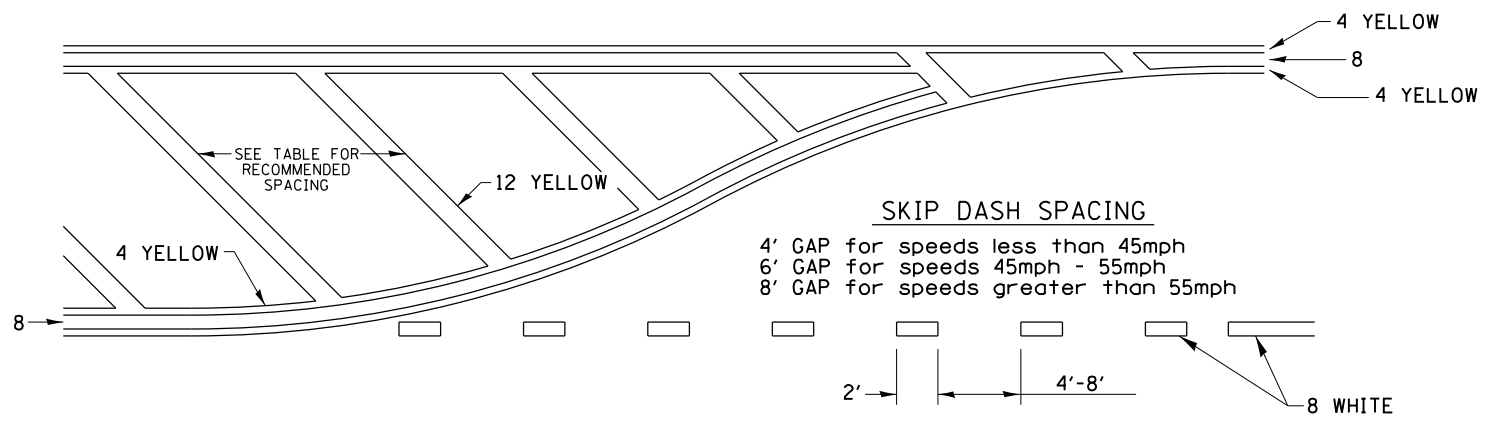
ARROW LAYOUT



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

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

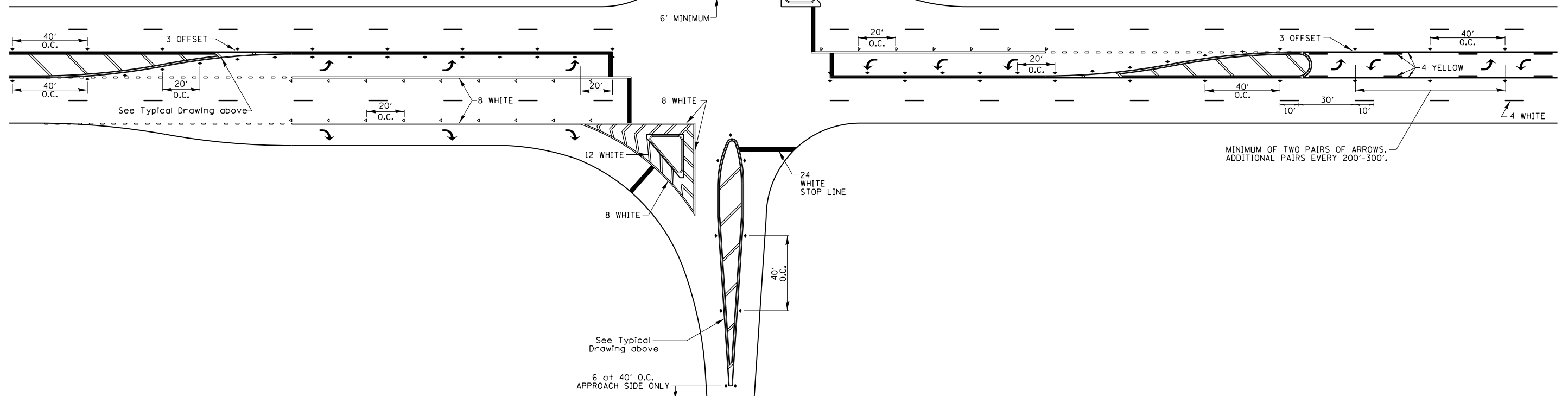
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

Speed Limit Range	Continuous Median Area	Intersection Channelization	Objects (Islands)
less than 30MPH	50'	15'	10'
30-40MPH	75'	20'	15'
45MPH & over	75'	30'	20'

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



FILE NAME =	USER NAME = Karkir	DESIGNED -	REVISED - 6-27-14
p:\11\084EBIDINTEG\illinois.gov\PI\DOT\Documents\DOT Offices\District 2\Projects\64J1\Drawings\Development\Studies & Plans\Development\CA\Sheet\3-05-14\1-sht-details.dgn		DRAWN -	REVISED - 3-05-14
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	PLOT DATE = 12/6/2018	DATE -	REVISED -

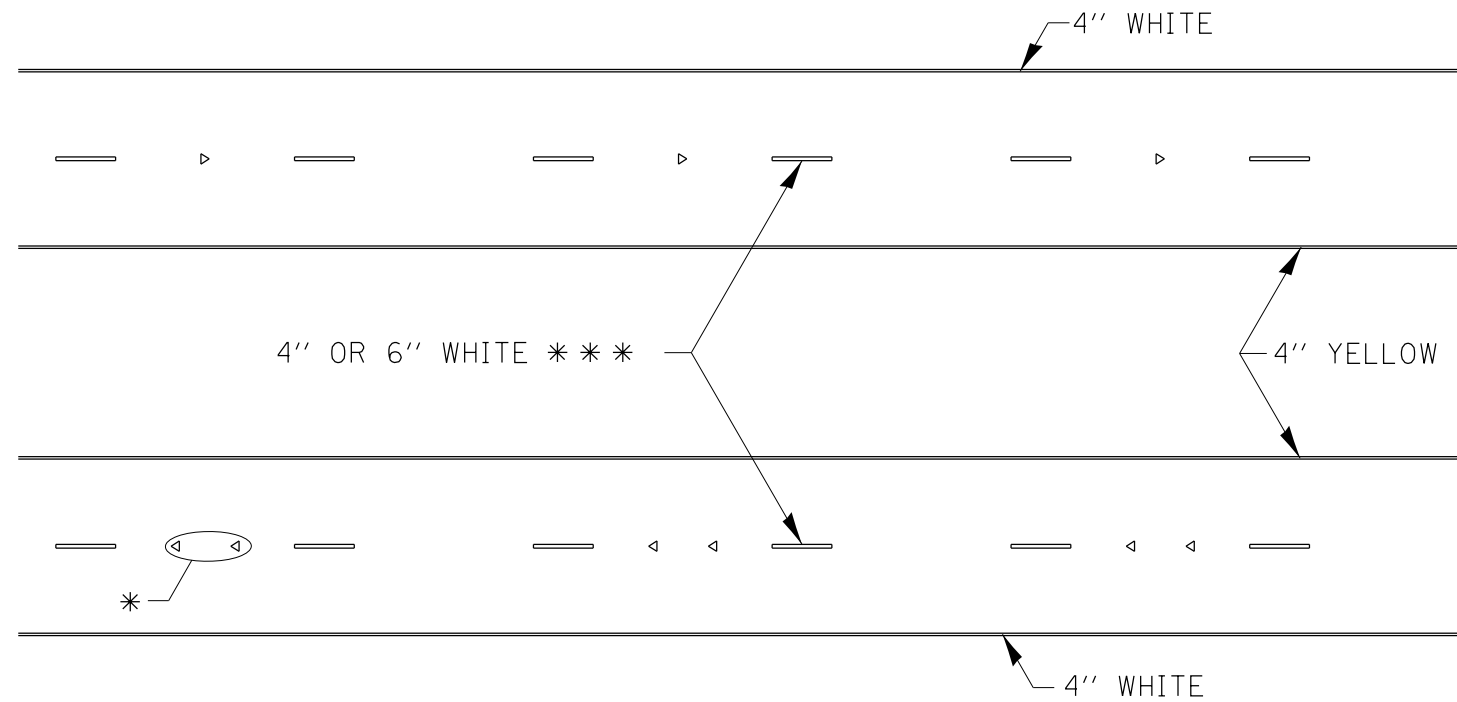
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

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

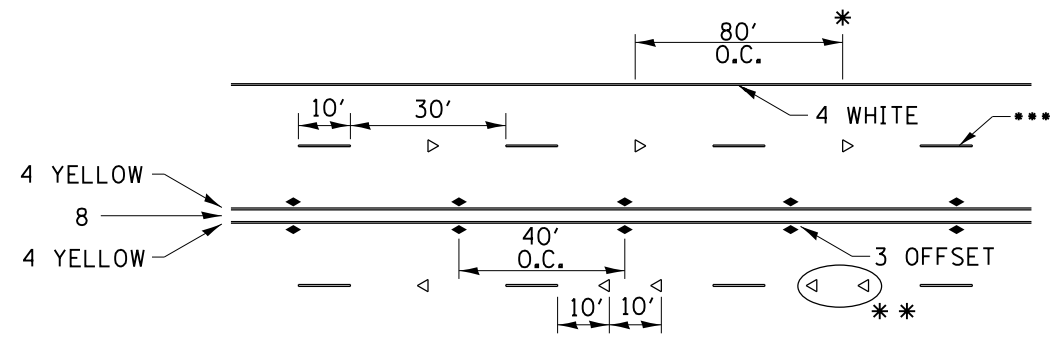
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	303	(129,130)RS	BOONE & WINNEBAGO	105	84
				CONTRACT NO. 64J41	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			

TYPICAL PAVEMENT MARKINGS



* SEE HIGHWAY STANDARD 781001 FOR SPACING DETAILS.
USE DOUBLE MARKERS WHEN ADT > 20,000.

MULTI-LANE / DIVIDED



* REDUCE TO 40' O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH LOWER THAN POSTED SPEEDS.

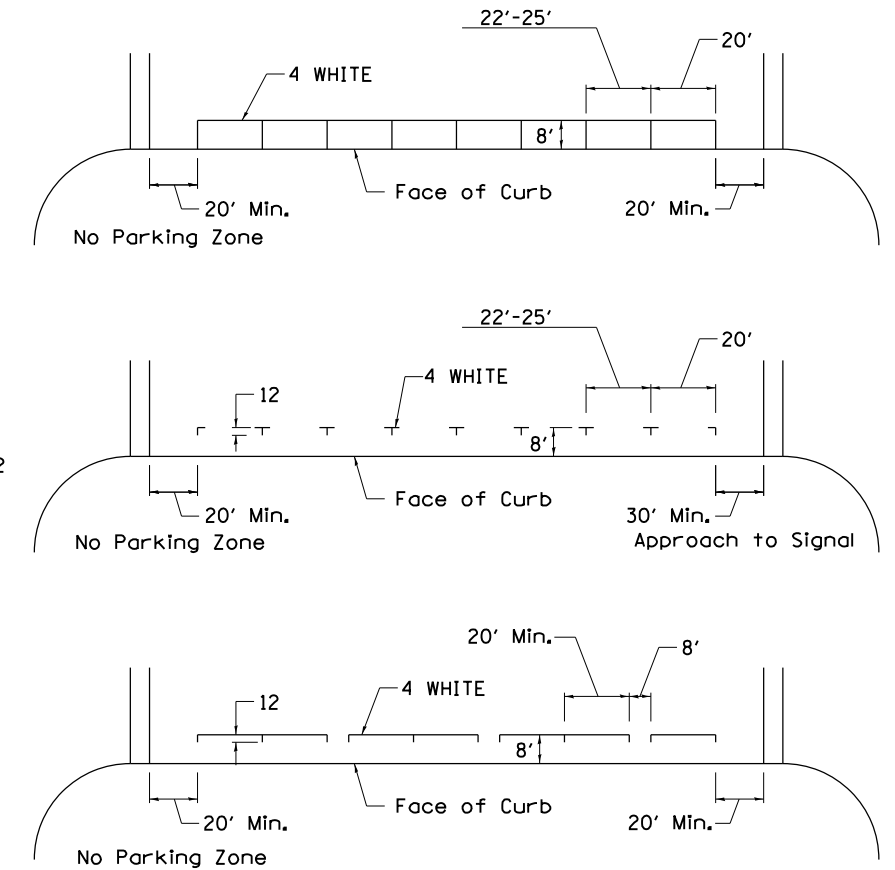
** USE DOUBLE MARKERS WHEN ADT ≥ 20,000

*** CENTERLINE SKIP DASH PAVEMENT MARKING SPEED LIMIT LESS THAN 40 MPH USE 4" LINE. SPEED LIMIT 40 MPH AND OVER USE 6" LINE.

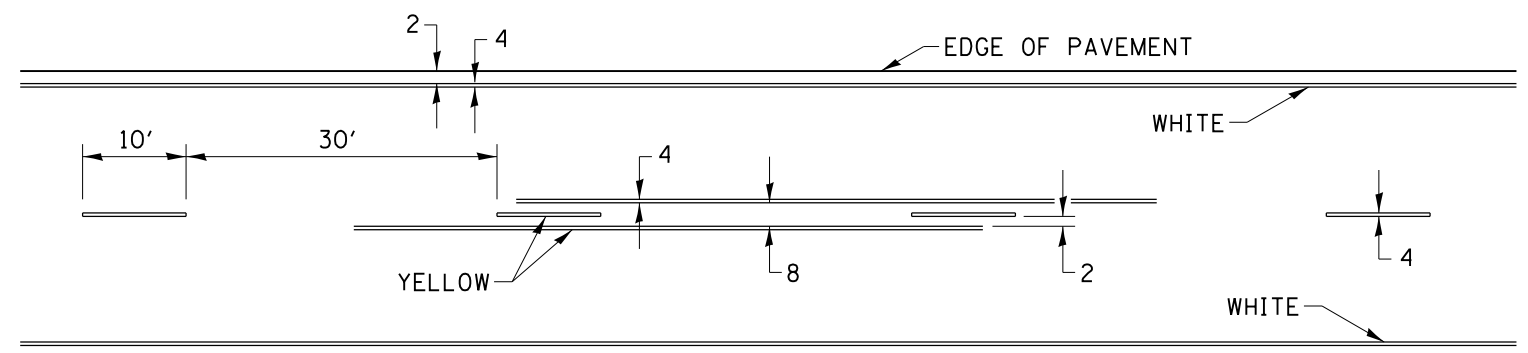
MULTI-LANE / UNDIVIDED & ONE WAY

(FOR MULTI-LANE UNDIVIDED HIGHWAYS USE THIS
DETAIL NOT HIGHWAY STANDARD 781001)

TYPICAL PARKING SPACING



TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION – NO PASSING ZONES



SYMBOLS

FILE NAME =	USER NAME = Karkir	DESIGNED -	REVISED - 6-27-14
pw:\IL\084EBIDINTEG.illinois.gov\PIDOT\Documents\DOT Offices\District 2\Projects\64J1\Drawings\Development\Studies & Plans\Development\CA\Sheet\62-83\41-sht-details.dgn		DRAWN -	REVISED - 11-28-12
		CHECKED -	REVISED -
		DATE -	REVISED -

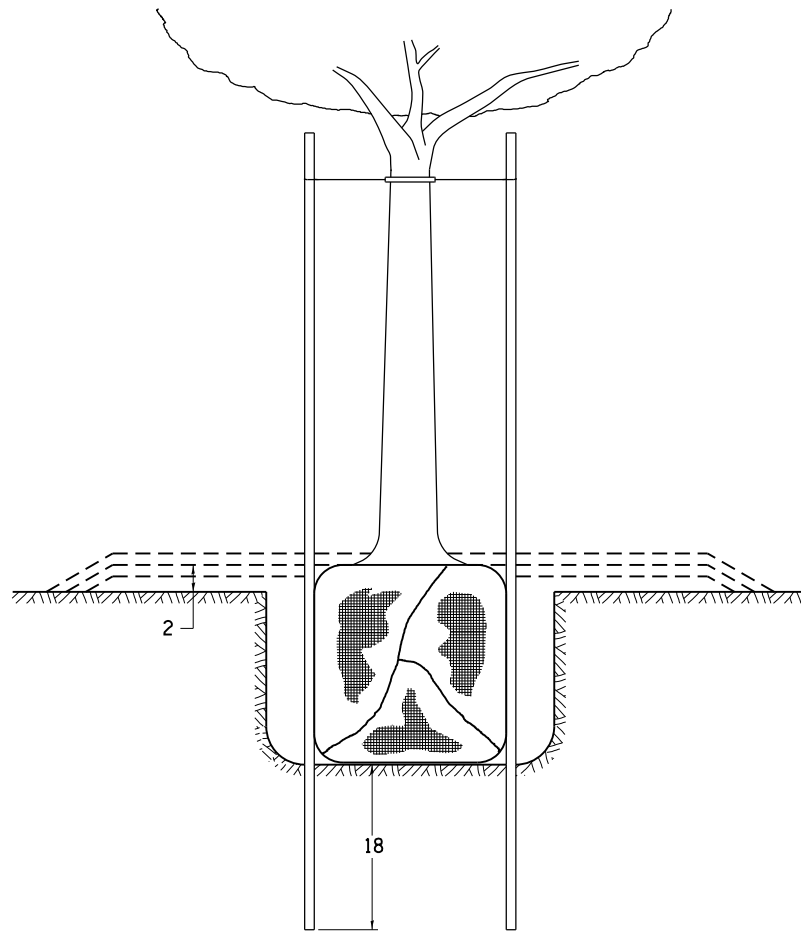
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

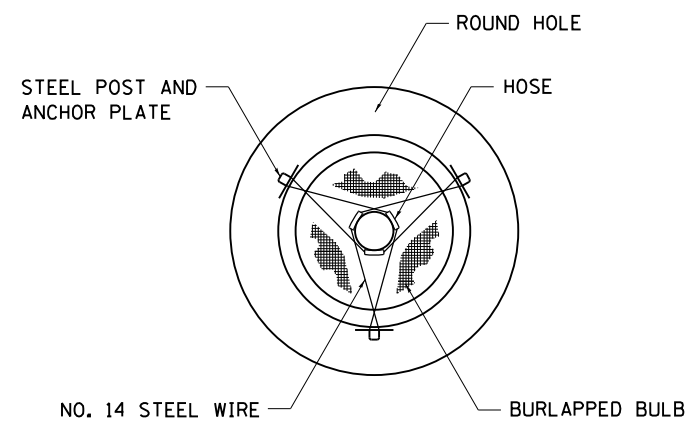
SCALE: SHEET NO. OF SHEETS STA. TO STA.

*IL 173	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	303	(129,130)RS	BOONE & WINNEBAGO	105	85
				CONTRACT NO. 64J41	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

DETAILS OF PLANTING AND BRACING TREES

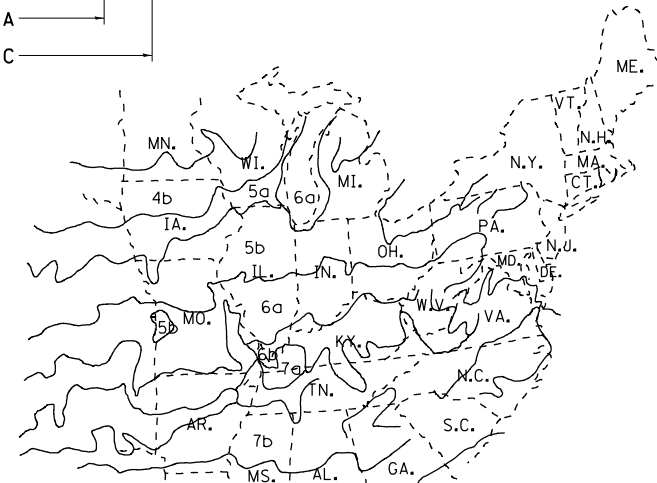
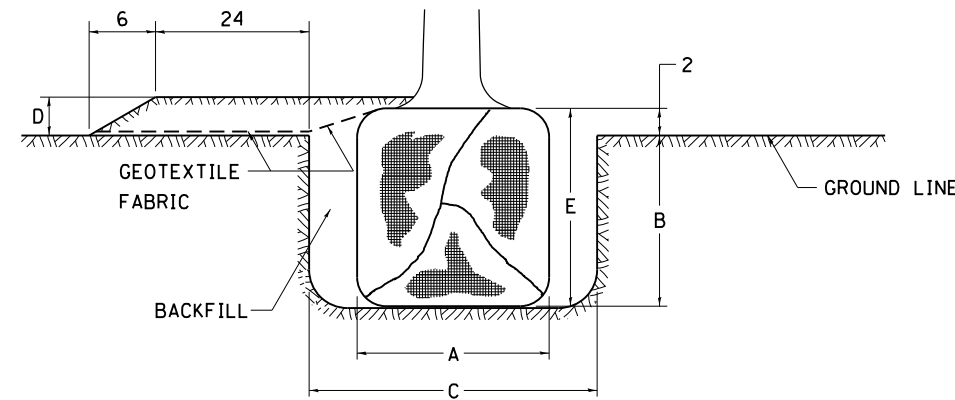


TREES SMALLER THAN 4 1/2 IN DIAMETER



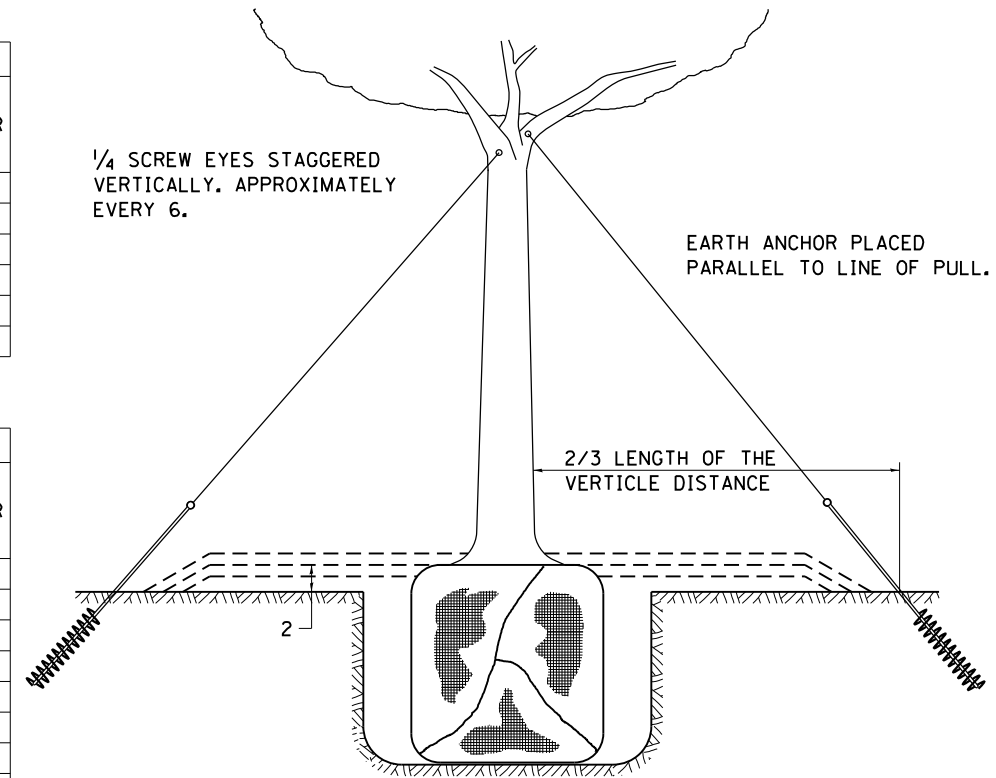
SMALL	A	B	C	D	E	F
TREE SIZE	DIAMETER OF BALL OR ROOT SYS.	DEPTH OF HOLE EXCAVATION	WIDTH OF HOLE EXCAVATION	THICKNESS OF MULCH COVER	DEPTH OF BALL OR ROOT SYS.	VOLUME OF MULCH COVER CU. YDS.
5'-6'	16	10	30	4	12	0.54
5'-6' BB	16	10	30	4	12	0.54
6'-7' BB	18	12	30	4	14	0.54
7'-8' BB	20	11	30	4	13	0.54
8'-10' BB	24	14	36	4	16	0.61
10'-12' BB	26	15	36	4	17	0.61

LARGE	A	B	C	D	E	F
TREE SIZE	DIAMETER OF BALL OR ROOT SYS.	DEPTH OF HOLE EXCAVATION	WIDTH OF HOLE EXCAVATION	THICKNESS OF MULCH COVER	DEPTH OF BALL OR ROOT SYS.	VOLUME OF MULCH COVER CU. YDS.
0-2	20	11	36	4	13	0.61
2-2 1/2 BB	24	14	48	4	16	0.78
2 1/2-3 BB	28	17	48	4	19	0.78
3-3 1/2 BB	32	17	60	4	19	0.96
3 1/2-4 BB	36	20	60	4	22	0.96
4-4 1/2 BB	40	22	72	4	24	1.16
4 1/2-5 BB	44	24	72	4	26	1.16
5-5 1/2 BB	48	27	84	4	29	1.38

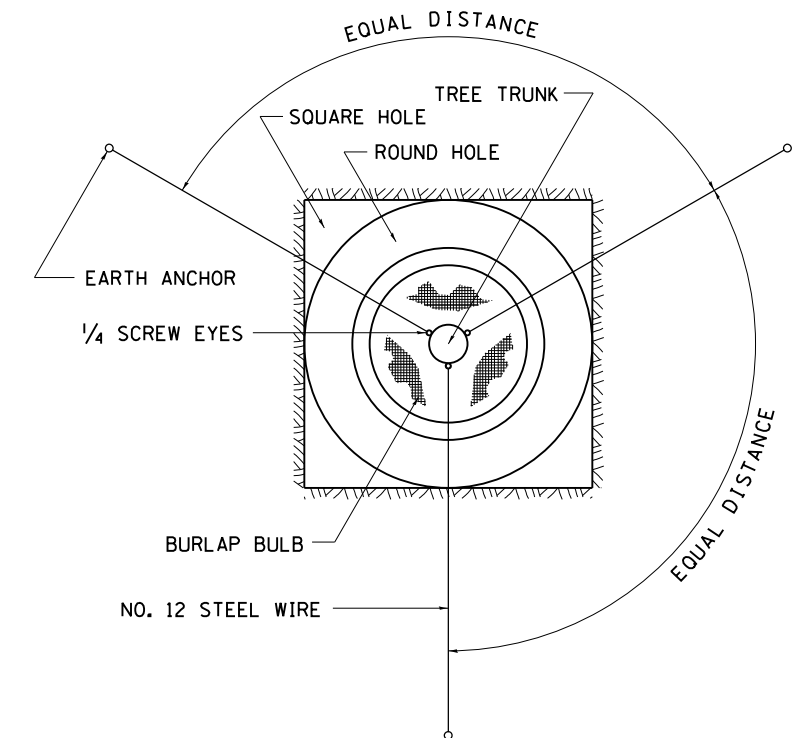


PLANT HARDINESS ZONE MAP

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
PUBLICATION NO. 814



TREES OVER 4 1/2 IN DIAMETER



ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE NOTED.

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		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

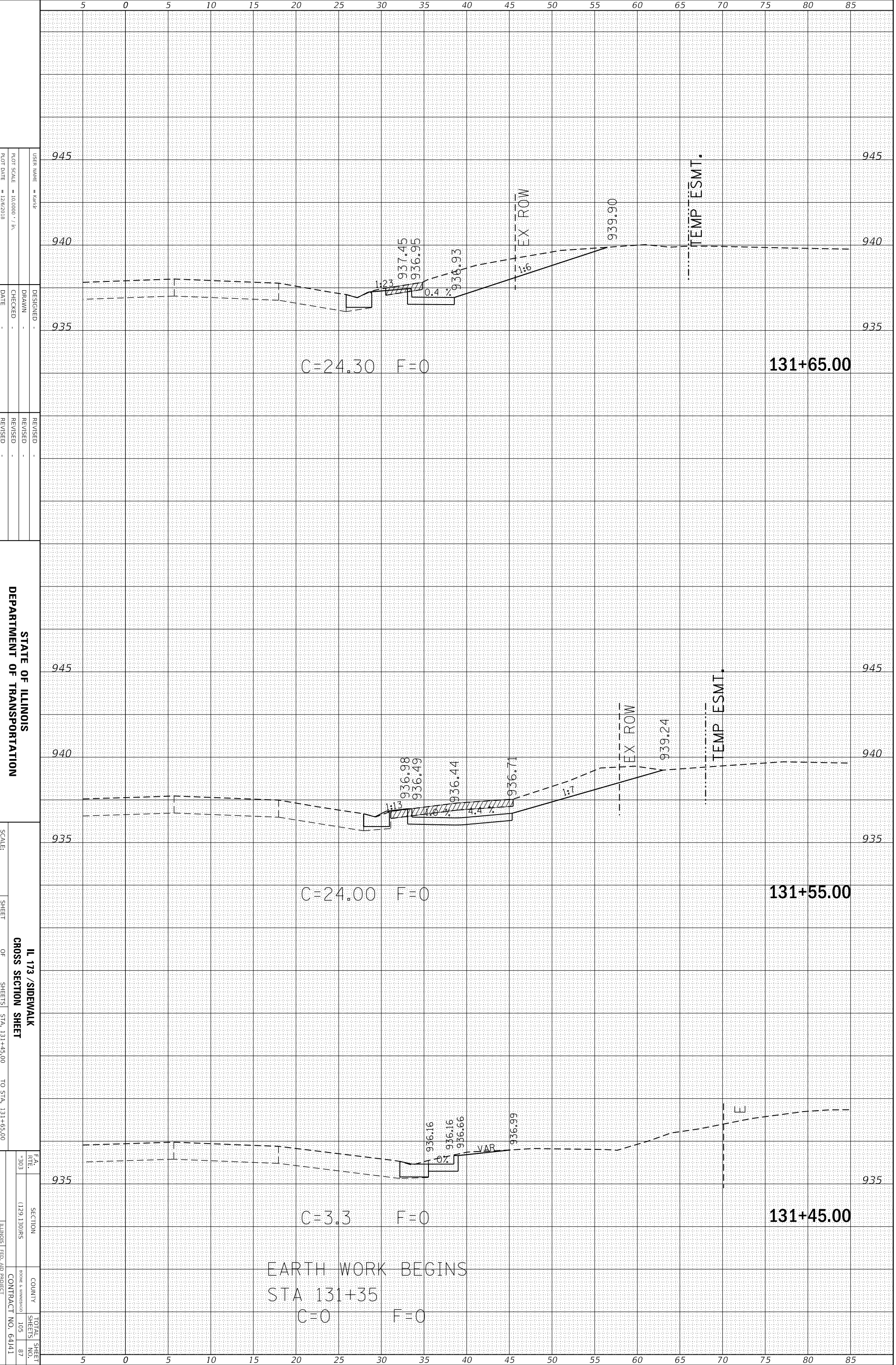
SCALE: SHEET NO. OF SHEETS STA. TO STA.

#11-173	F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
+303	(129,130)RS	BOONE & WINNEBAGO	105	86	
CONTRACT NO. 64J41					
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

ORIGINAL SURVEY	SURVEYED _____	BY _____	DATE _____
NOTE BOOK	PLOTTED _____		
	TEMPLATE _____		
	AREAS _____		
	AREAS CHECKED _____		

FINAL SURVEY	SURVEYED _____	BY _____	DATE _____
NOTE BOOK	PLOTTED _____		
	TEMPLATE _____		
	AREAS _____		
	AREAS CHECKED _____		

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USER NAME = krad
 PLOT SCALE = 1/16,000" = 1/4"
 PLOT DATE = 12/6/2018

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE:

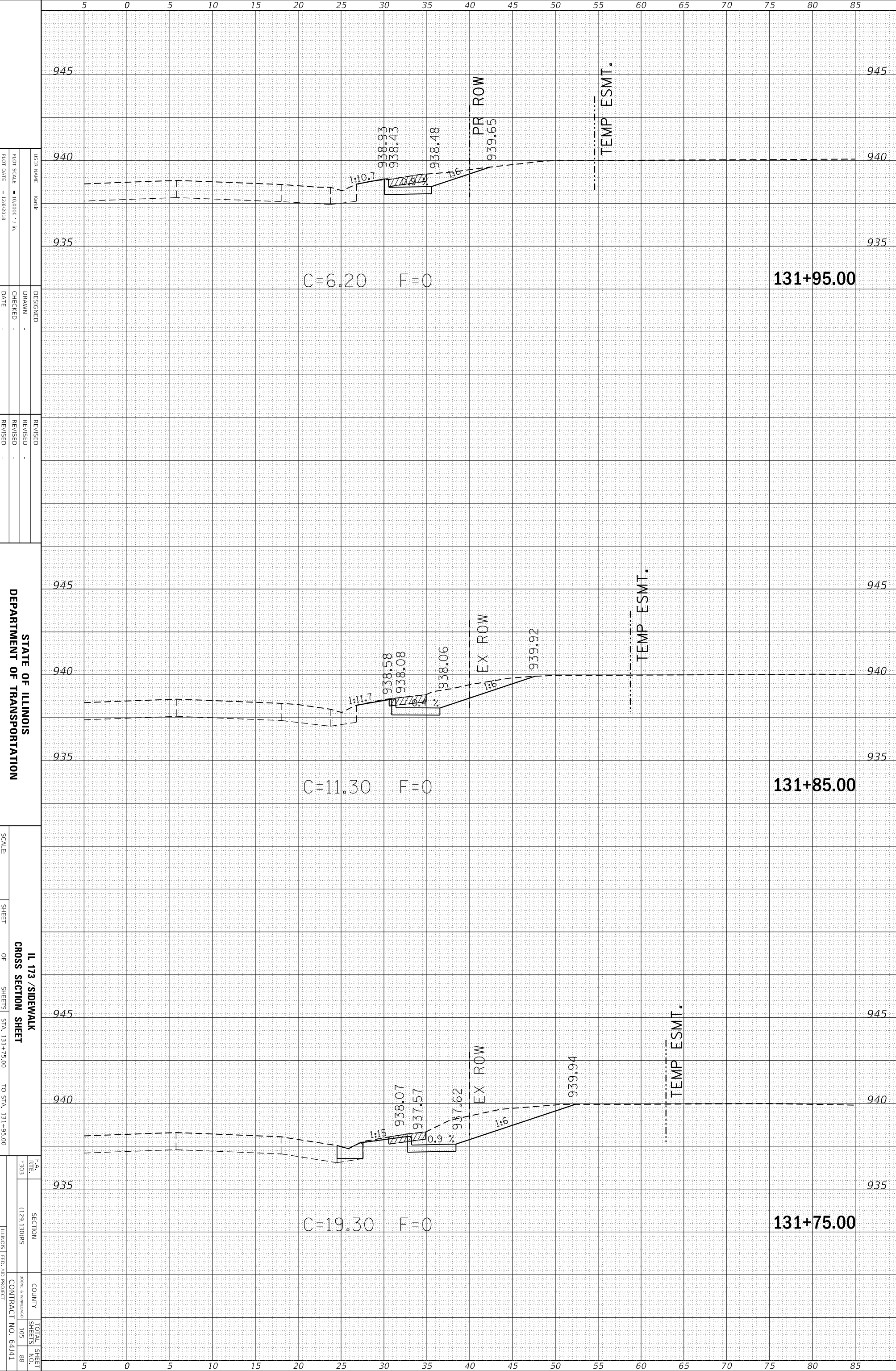
SHEET OF SHEETS STA. 131+45.00 TO STA. 131+65.00

IL 173 / SIDEWALK
 CROSS SECTION SHEET
 SECTION 129 130RS
 COUNTY BOONE & MONROE
 CONTRACT NO. 64141
 TOTAL SHEETS 105
 SHEET NO. 87

ORIGINAL SURVEY	SURVEYED _____	BY _____	DATE _____
NOTE BOOK	PLOTTED _____		
	TEMPLATE _____		
	AREAS _____		
	AREAS CHECKED _____		

FINAL SURVEY	SURVEYED _____	BY _____	DATE _____
NOTE BOOK	PLOTTED _____		
	TEMPLATE _____		
	AREAS _____		
	AREAS CHECKED _____		

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USER NAME = krad
 PLOT SCALE = 1/16,000" = 1/4" = 1/16,000" / in.
 PLOT DATE = 12/6/2018

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE:

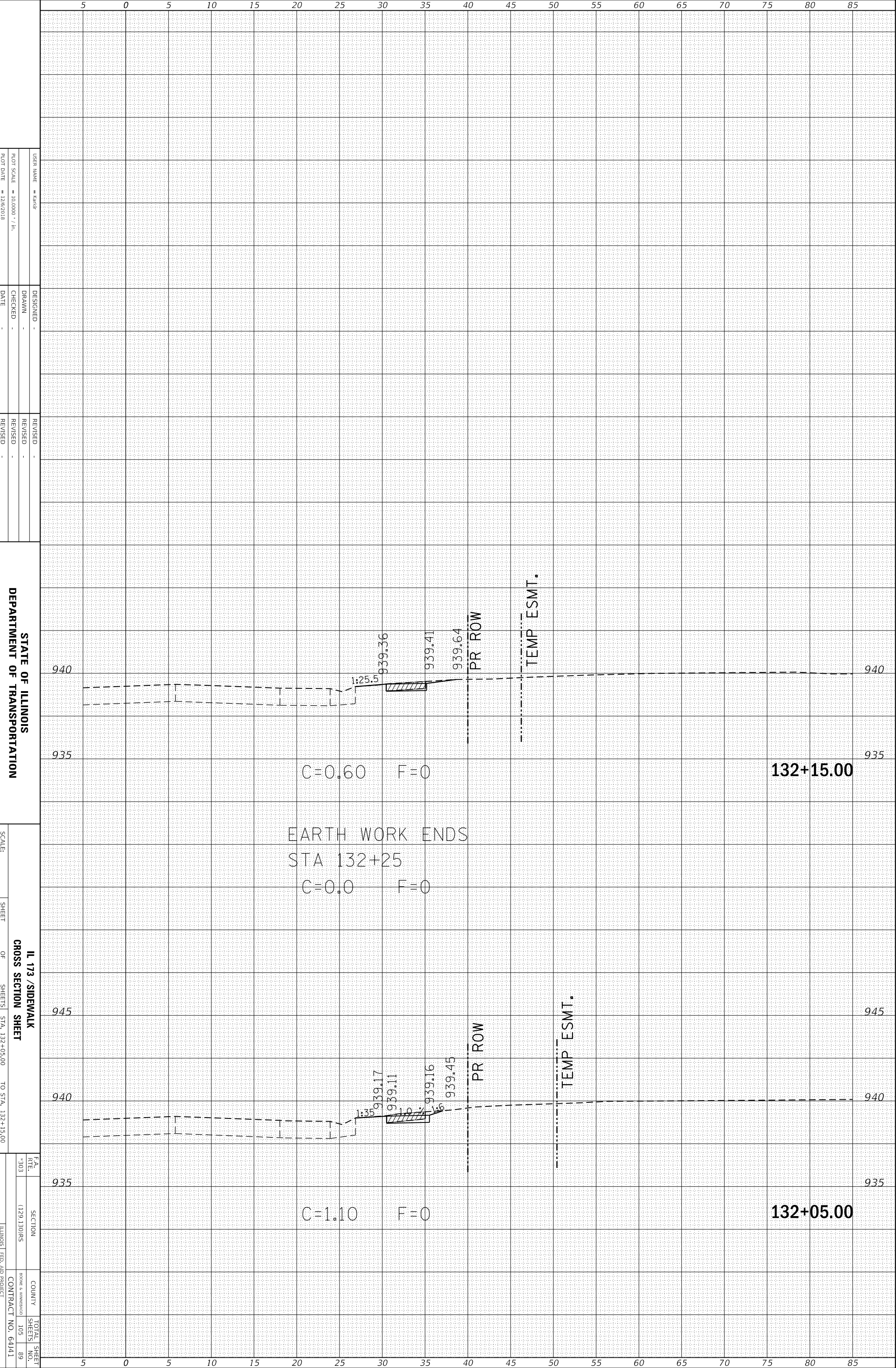
SHEET OF SHEETS
 IL 173 / SIDEWALK
 CROSS SECTION SHEET
 STA. 131+75.00 TO STA. 131+95.00

FA. RTE. 303
 SECTION 129 130RS
 COUNTY BOONE & AMBERSON
 TOTAL SHEET SHEETS NO. 105 88
 ILLINOIS FED. AID PROJECT CONTRACT NO. 64141

ORIGINAL SURVEY	SURVEYED _____	BY _____	DATE _____
NOTE BOOK	PLOTTED _____		
	TEMPLATE _____		
	AREAS _____		
	AREAS CHECKED _____		

FINAL SURVEY	SURVEYED _____	BY _____	DATE _____
NOTE BOOK	PLOTTED _____		
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	AREAS _____		
	AREAS CHECKED _____		

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USER NAME = krad
 PLOT SCALE = 1/10,000" = 1/4" = 1/8"
 PLOT DATE = 12/6/2018

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: SHEET OF SHEETS STA. 132+05.00 TO STA. 132+15.00
 IL 173 / SIDEWALK
 CROSS SECTION SHEET

FA RTE. 303 SECTION 129 130RS COUNTY BOONE & AMBERSON CONTRACT NO. 64141 TOTAL SHEET SHEETS NO. 89

C=0.60 F=0

132+15.00

EARTH WORK ENDS
 STA 132+25
 C=0.0 F=0

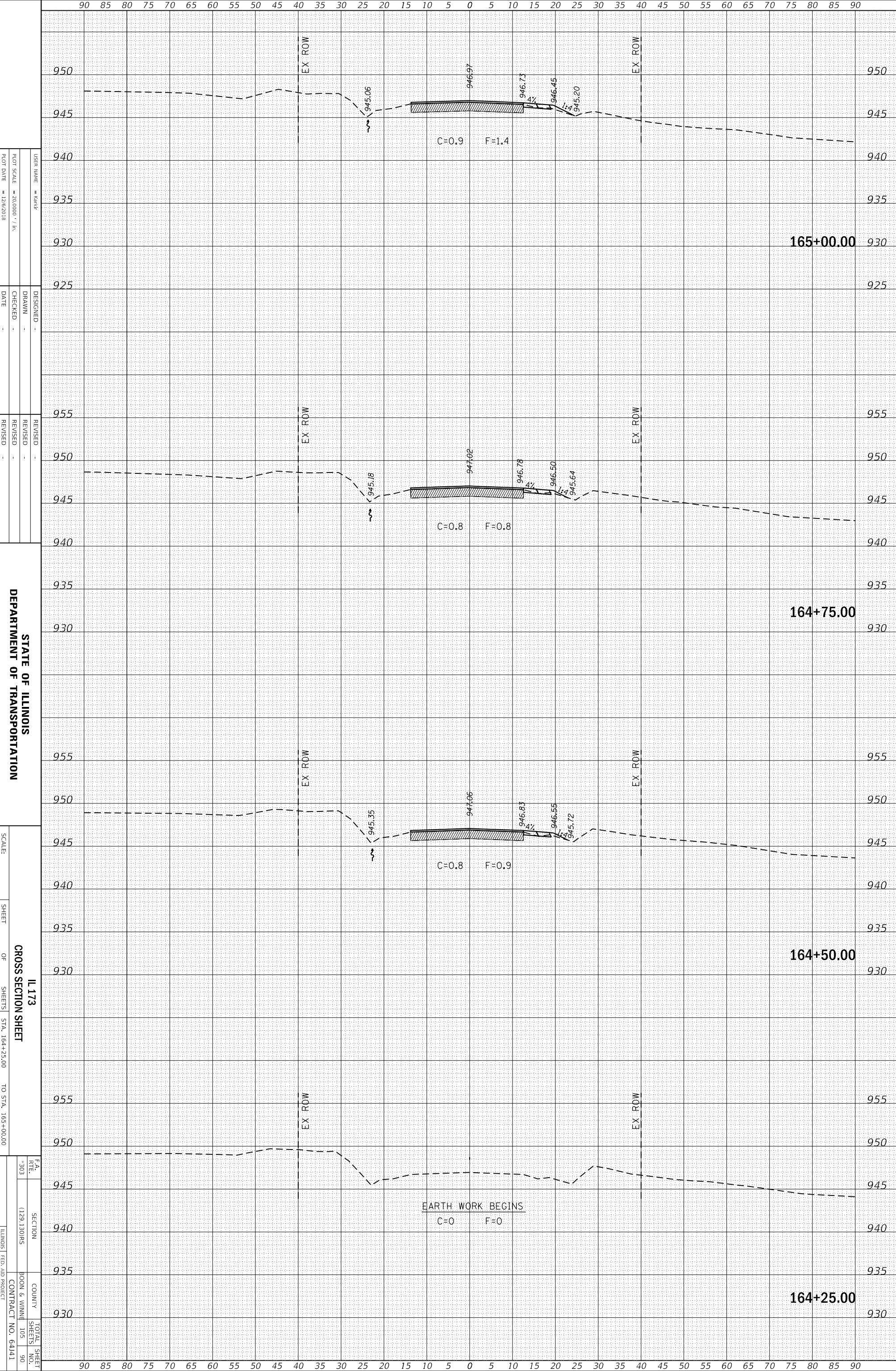
C=1.10 F=0

132+05.00

ORIGINAL SURVEY	SURVEYED _____	BY _____	DATE _____
NOTE BOOK	PLOTTED _____		
	TEMPLATE _____		
	AREAS _____		
	AREAS CHECKED _____		

FINAL SURVEY	SURVEYED _____	BY _____	DATE _____
NOTE BOOK	PLOTTED _____		
	TEMPLATE _____		
	AREAS _____		
	AREAS CHECKED _____		

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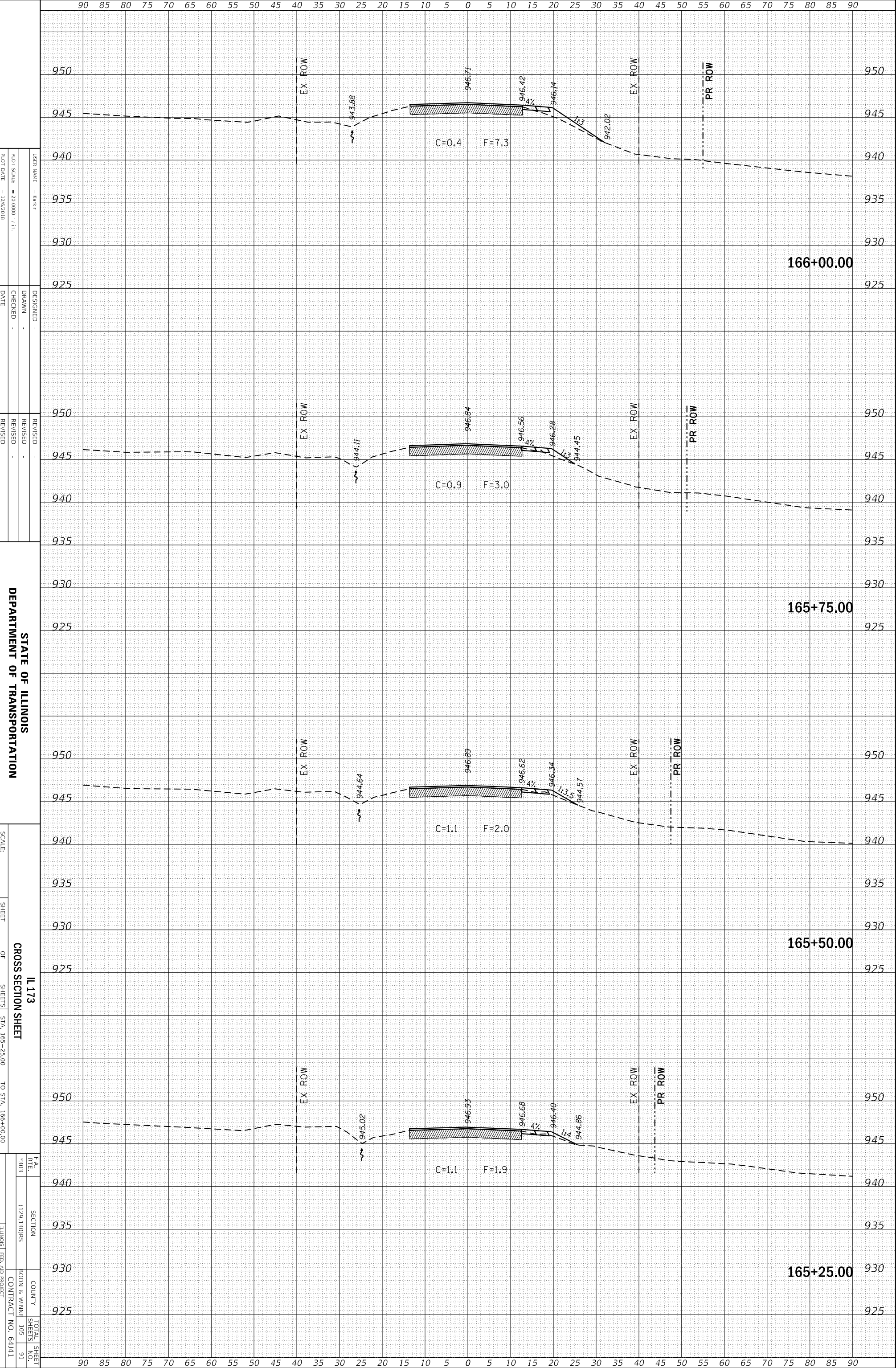


USER NAME = krad
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NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
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DESIGNED -
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REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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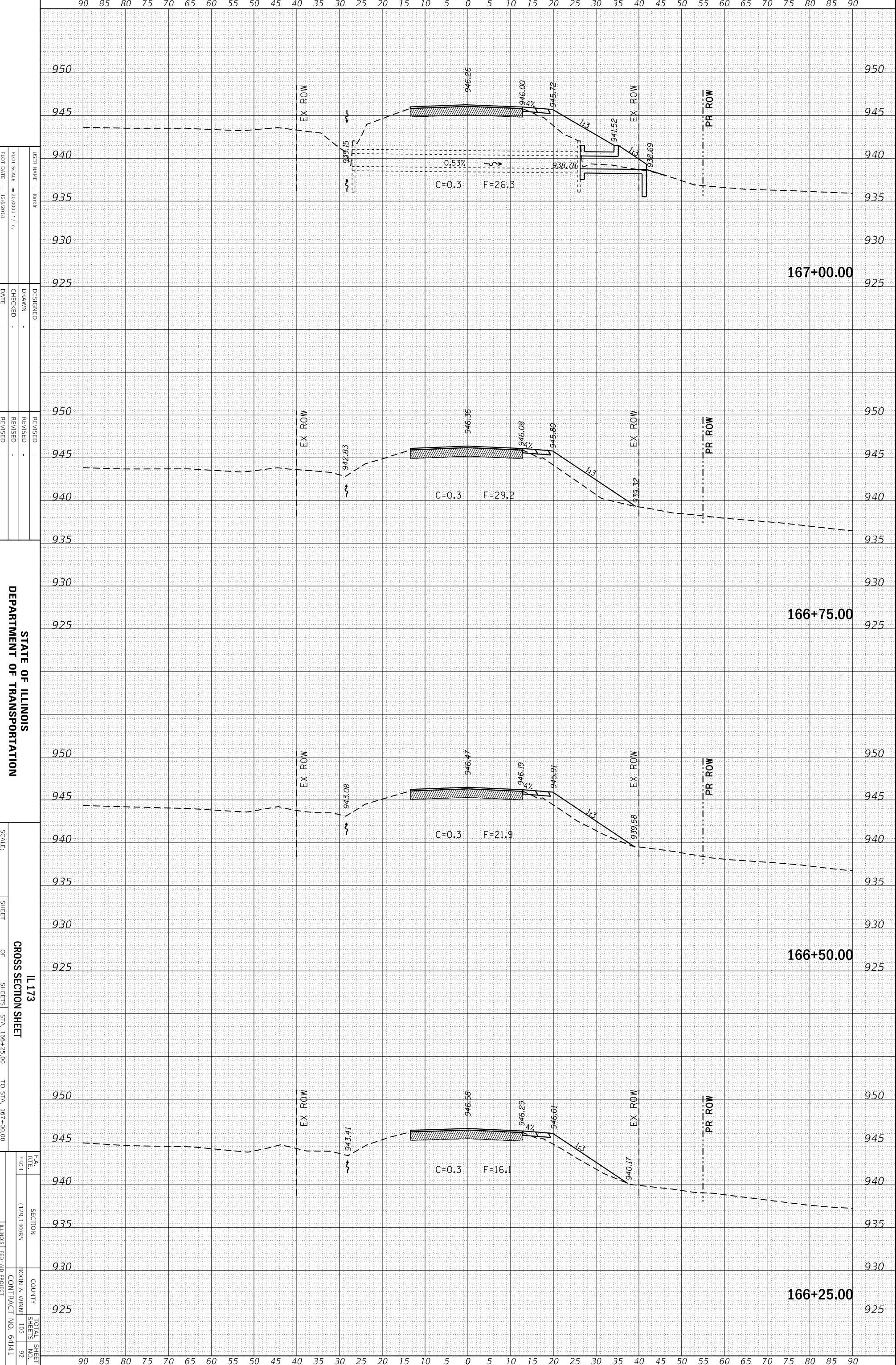
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FA. RTE. 303
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 COUNTY BOON & WINNEB
 TOTAL SHEETS 105
 SHEETS NO. 91
 ILLINOIS FED. AID PROJECT CONTRACT NO. 64141

ORIGINAL SURVEY	SURVEYED _____	BY _____	DATE _____
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

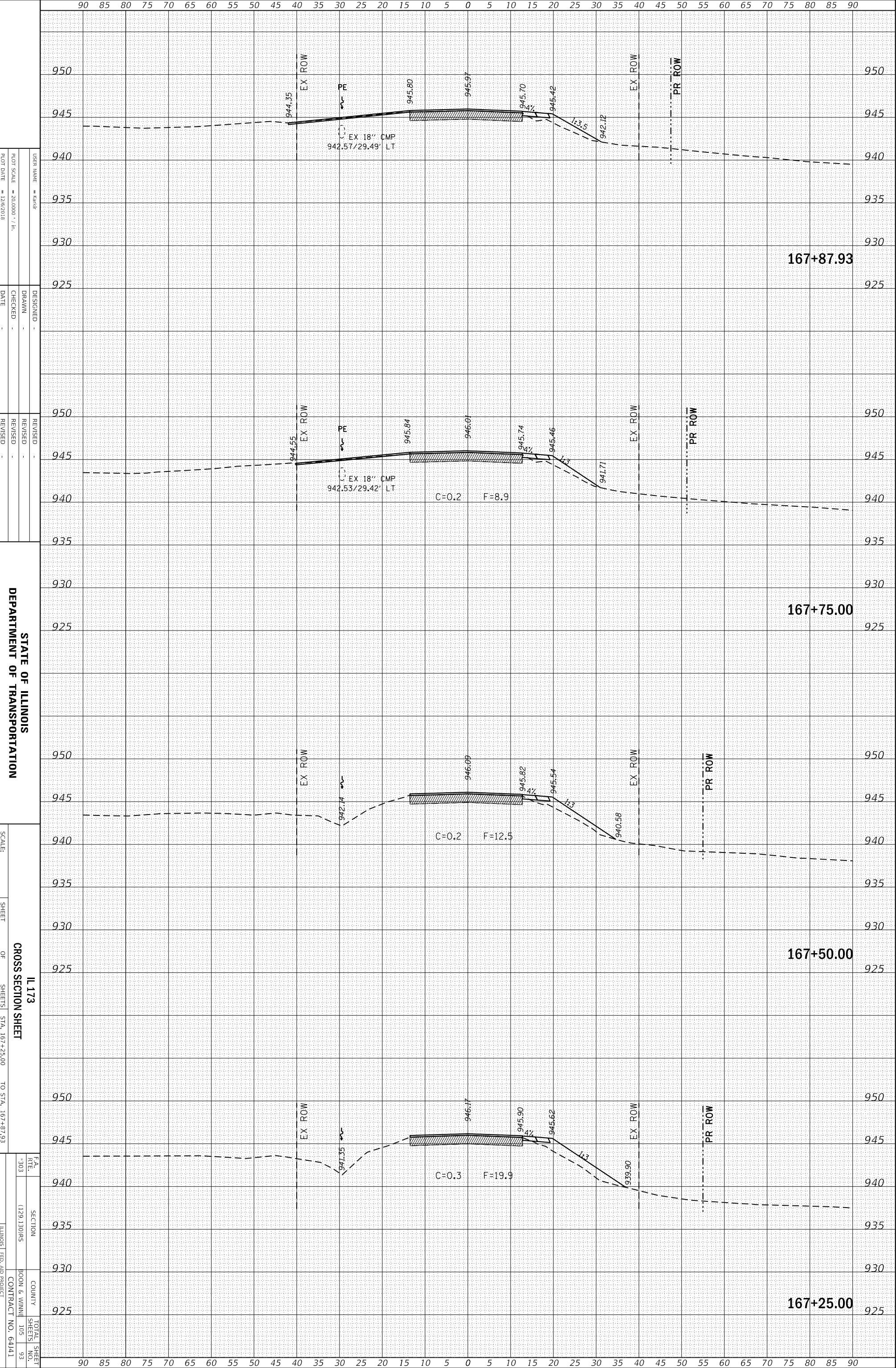
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IL 173
 CROSS SECTION SHEET
 COUNTY BOON & WINNEB
 CONTRACT NO. 64141
 TOTAL SHEET SHEETS 105
 SECTION 129 130ORS
 BOON & WINNEB 92

ORIGINAL SURVEY	SURVEYED _____	BY _____	DATE _____
NOTE BOOK	PLOTTED _____		
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USER NAME = krad
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DESIGNED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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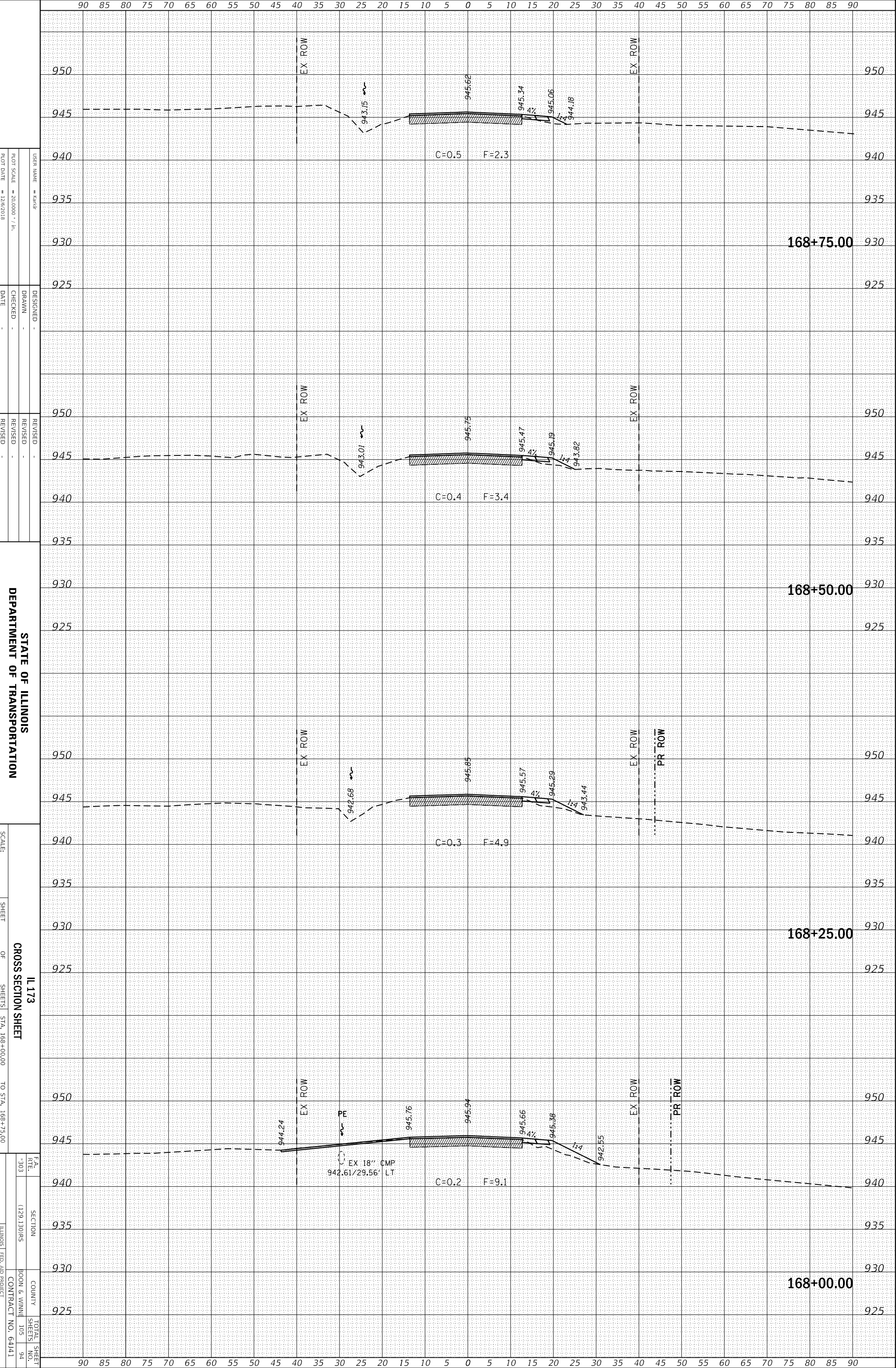
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 TOTAL SHEETS 105
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 ILLINOIS FED. AID PROJECT CONTRACT NO. 64141

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
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FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
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DESIGNED -
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REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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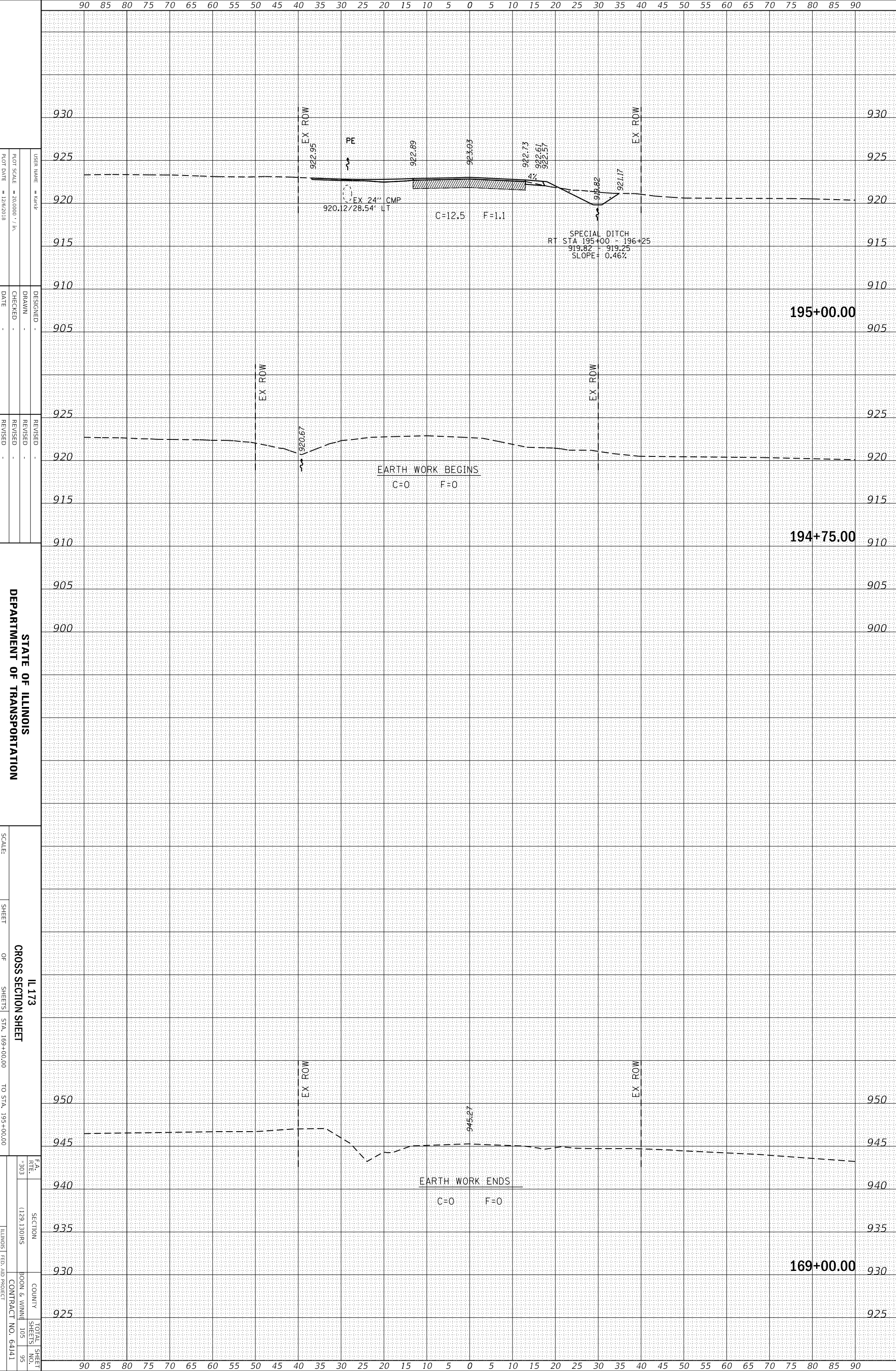
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 COUNTY BOON & WINNEB
 TOTAL SHEET SHEETS NO. 105 94
 CONTRACT NO. 64141

PE
 EX 18" CMP
 942.61/29.56' LT

ORIGINAL SURVEY	SURVEYED _____	BY _____	DATE _____
NOTE BOOK	PLOTTED _____		
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	AREAS _____		
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: _____
SHEET _____ OF _____ SHEETS
IL 173
CROSS SECTION SHEET
STA. 169+00.00 TO STA. 195+00.00

FA. RTE. _____
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COUNTY _____
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ILLINOIS FED. AID PROJECT CONTRACT NO. 64141

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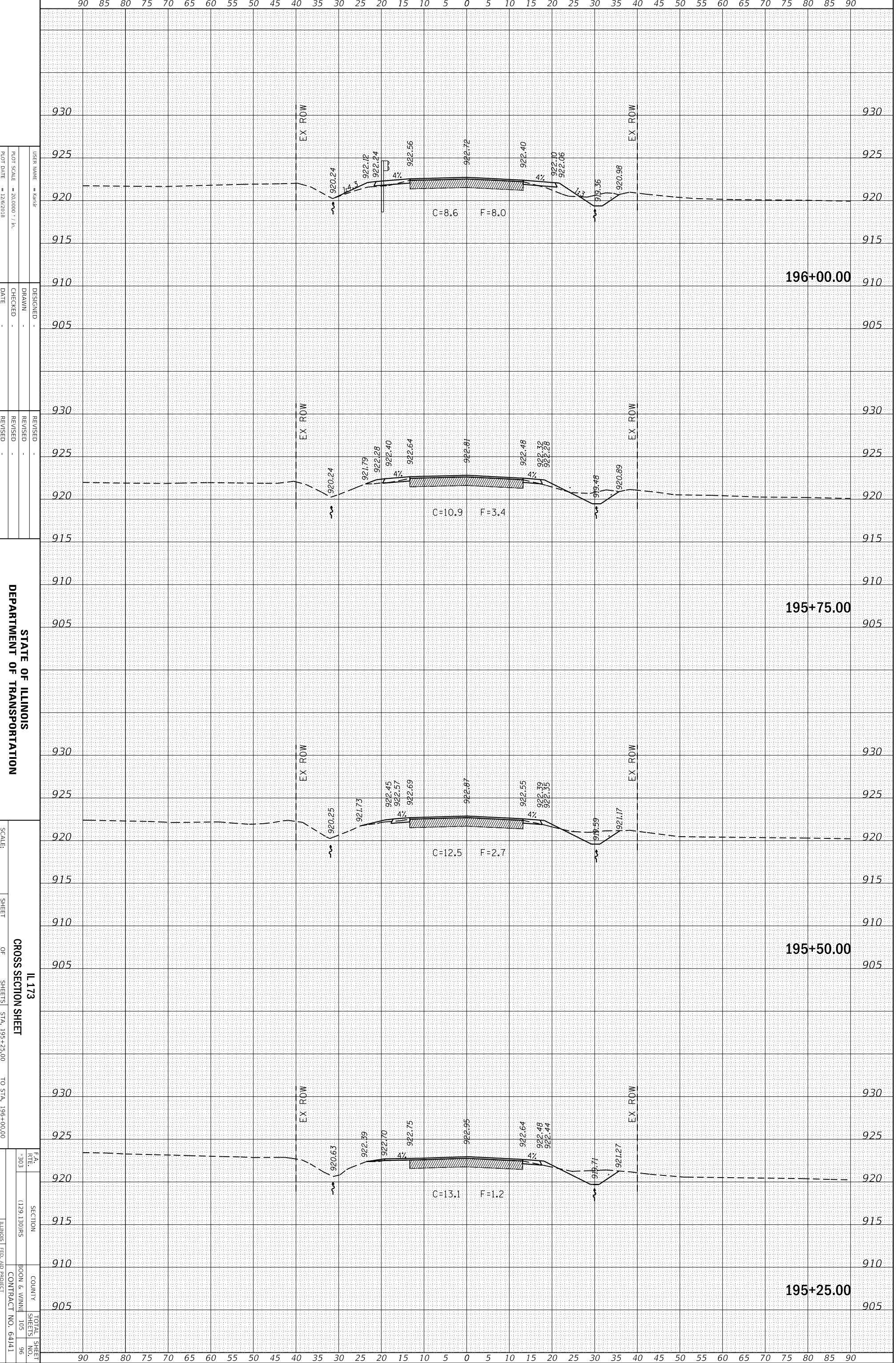
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ORIGINAL SURVEY	SURVEYED _____	BY _____	DATE _____
NOTE BOOK	PLOTTED _____		
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NOTE BOOK	PLOTTED _____		
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: _____
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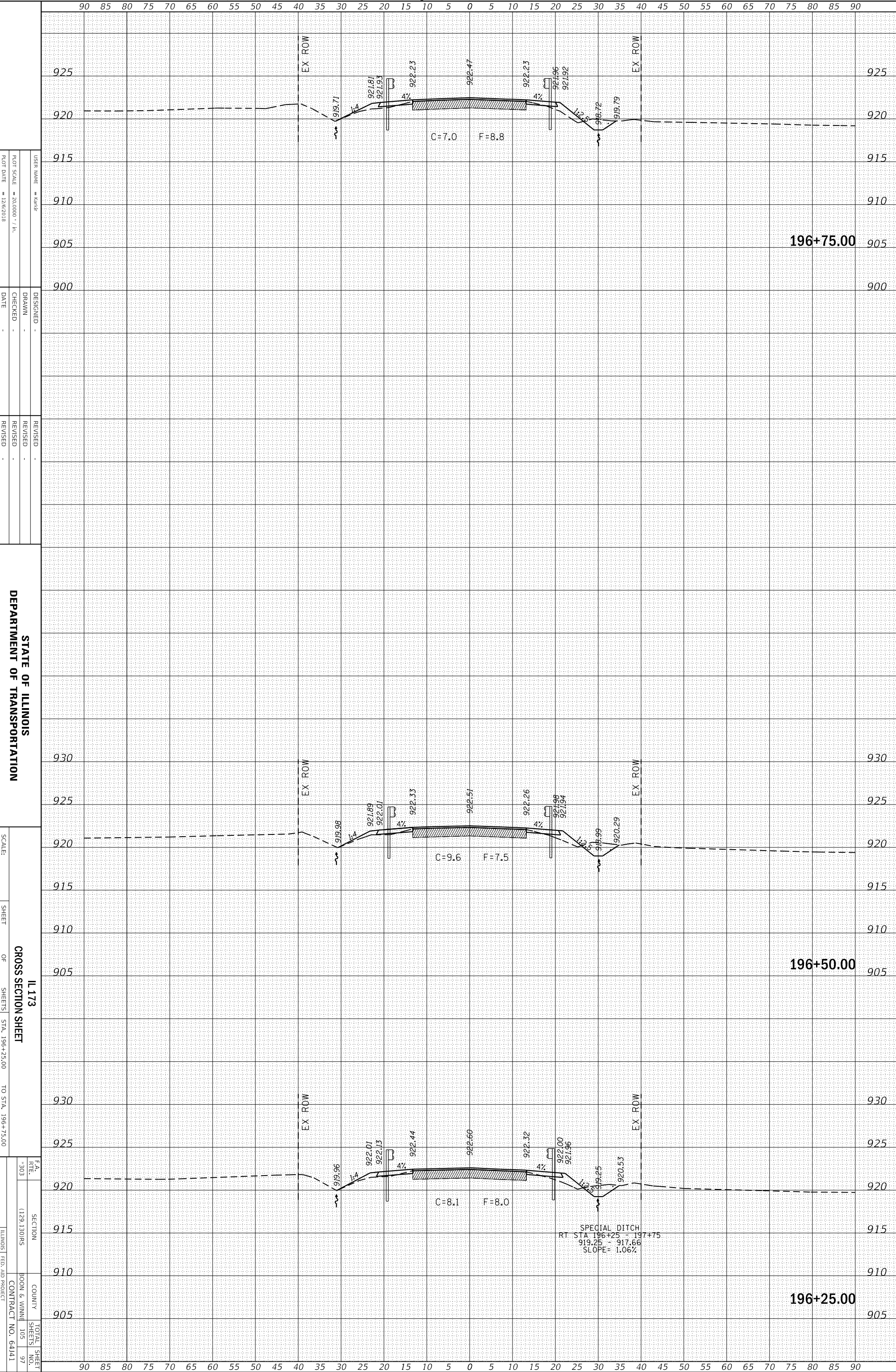
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 CONTRACT NO. 64141

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ORIGINAL SURVEY	SURVEYED _____	BY _____	DATE _____
NOTE BOOK	PLOTTED _____		
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NOTE BOOK	PLOTTED _____		
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

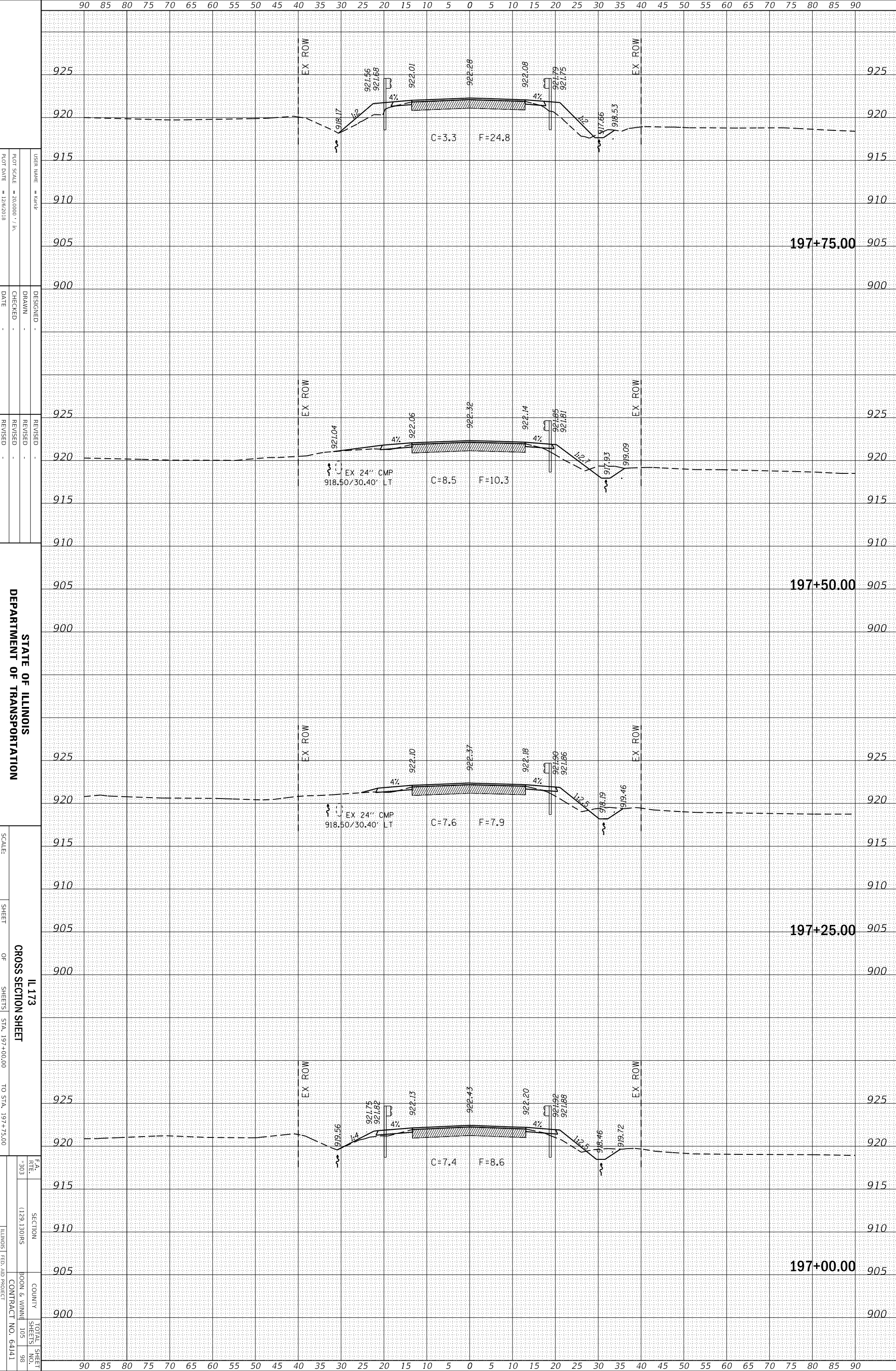
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 CONTRACT NO. 64141
 ILLINOIS FED. AID PROJECT

ORIGINAL SURVEY	SURVEYED _____	BY _____	DATE _____
NOTE BOOK	PLOTTED _____		
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	AREAS _____		
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FINAL SURVEY	SURVEYED _____	BY _____	DATE _____
NOTE BOOK	PLOTTED _____		
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

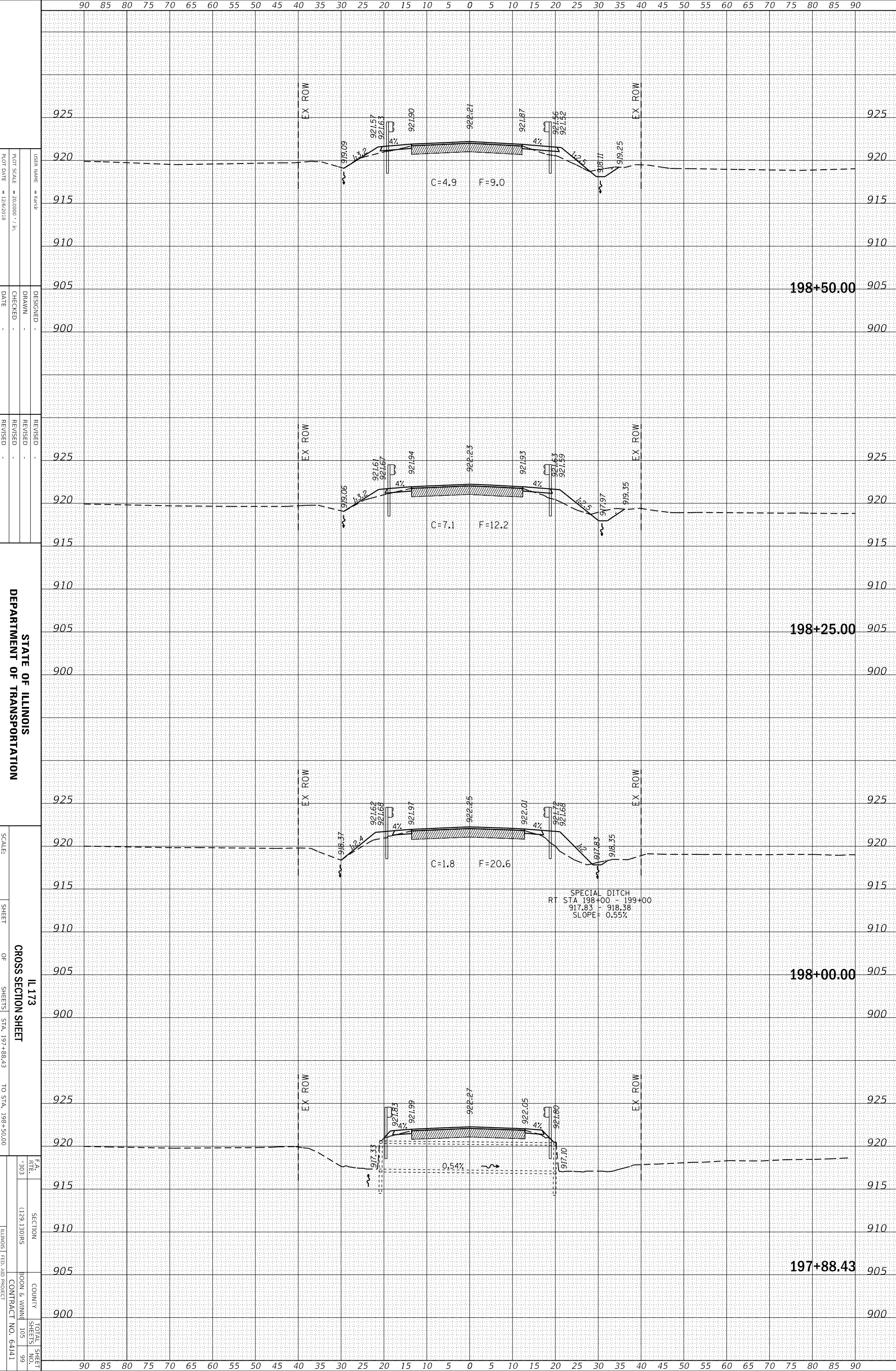
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 COUNTY BOON & WINNEB
 TOTAL SHEET SHEETS NO. 105 98
 CONTRACT NO. 64141

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
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FINAL SURVEY	SURVEYED	BY	DATE
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: SHEET OF SHEETS STA. 197+88.43 TO STA. 198+50.00

IL 173
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 COUNTY BOON & WINNEB
 TOTAL SHEETS 105
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 CONTRACT NO. 64141

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 PLOT DATE = 12/6/2018

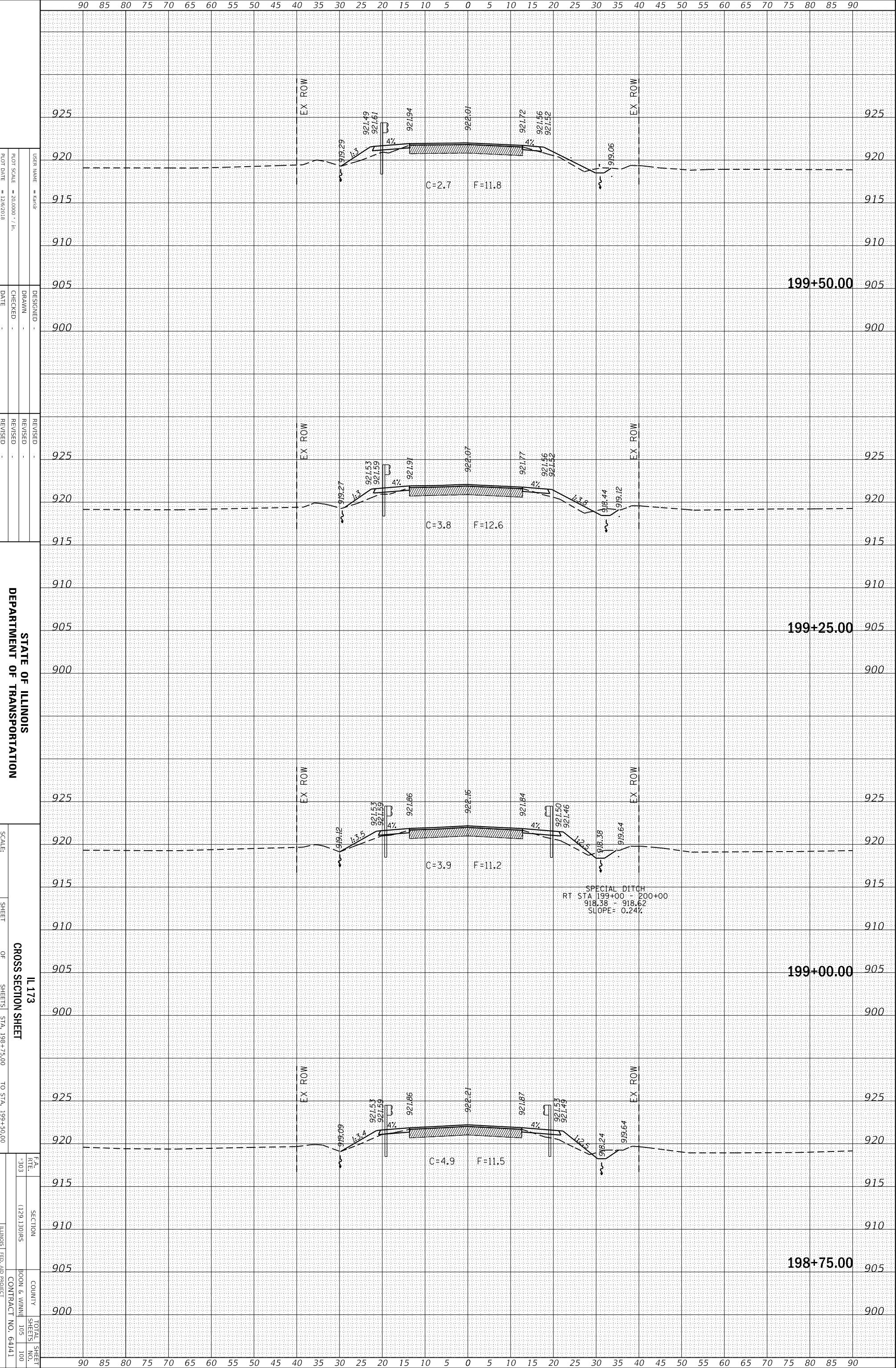
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REVISED -
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ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

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USER NAME = krad
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 12/6/2018

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE:

SHEET

IL 173
 CROSS SECTION SHEET

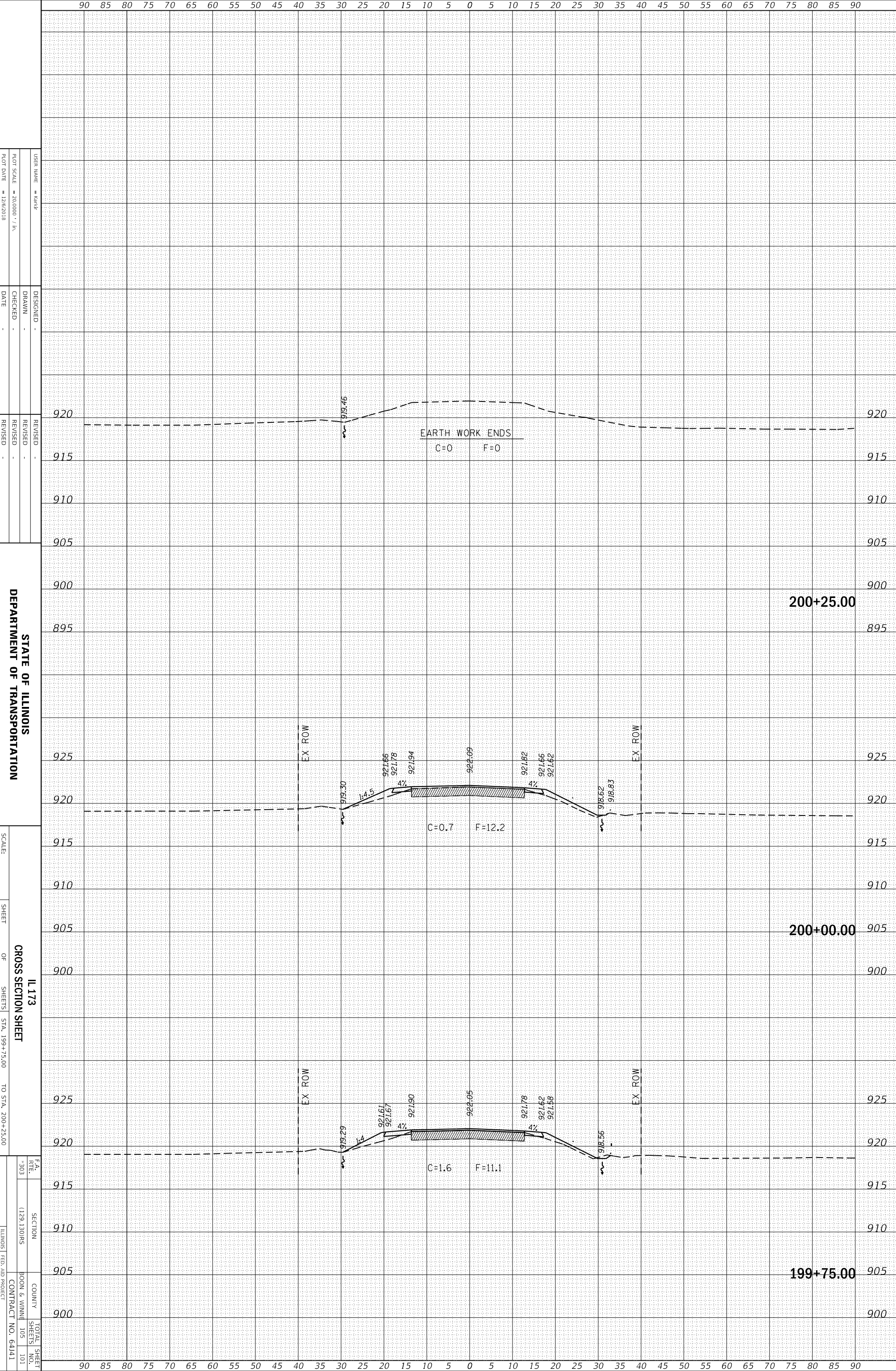
OF SHEETS STA. 198+75.00 TO STA. 199+50.00

FA. RTE. 303
 SECTION 129 130RS
 COUNTY BOON & WINNEB
 TOTAL SHEET SHEETS 105 100
 CONTRACT NO. 64141
 ILLINOIS FED. AID PROJECT

ORIGINAL SURVEY	SURVEYED _____	BY _____	DATE _____
NOTE BOOK	PLOTTED _____		
	TEMPLATE _____		
	AREAS _____		
	AREAS CHECKED _____		

FINAL SURVEY	SURVEYED _____	BY _____	DATE _____
NOTE BOOK	PLOTTED _____		
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USER NAME = karpf
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 12/6/2018

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: SHEET OF SHEETS STA. 199+75.00 TO STA. 200+25.00
 IL 173
 CROSS SECTION SHEET

F.A. RTE. 303 SECTION 129 130RS COUNTY BOON & WINNEB CON. CONTRACT NO. 64141
 TOTAL SHEET SHEETS 105 NO. 101 ILLINOIS FED. AID PROJECT

200+25.00

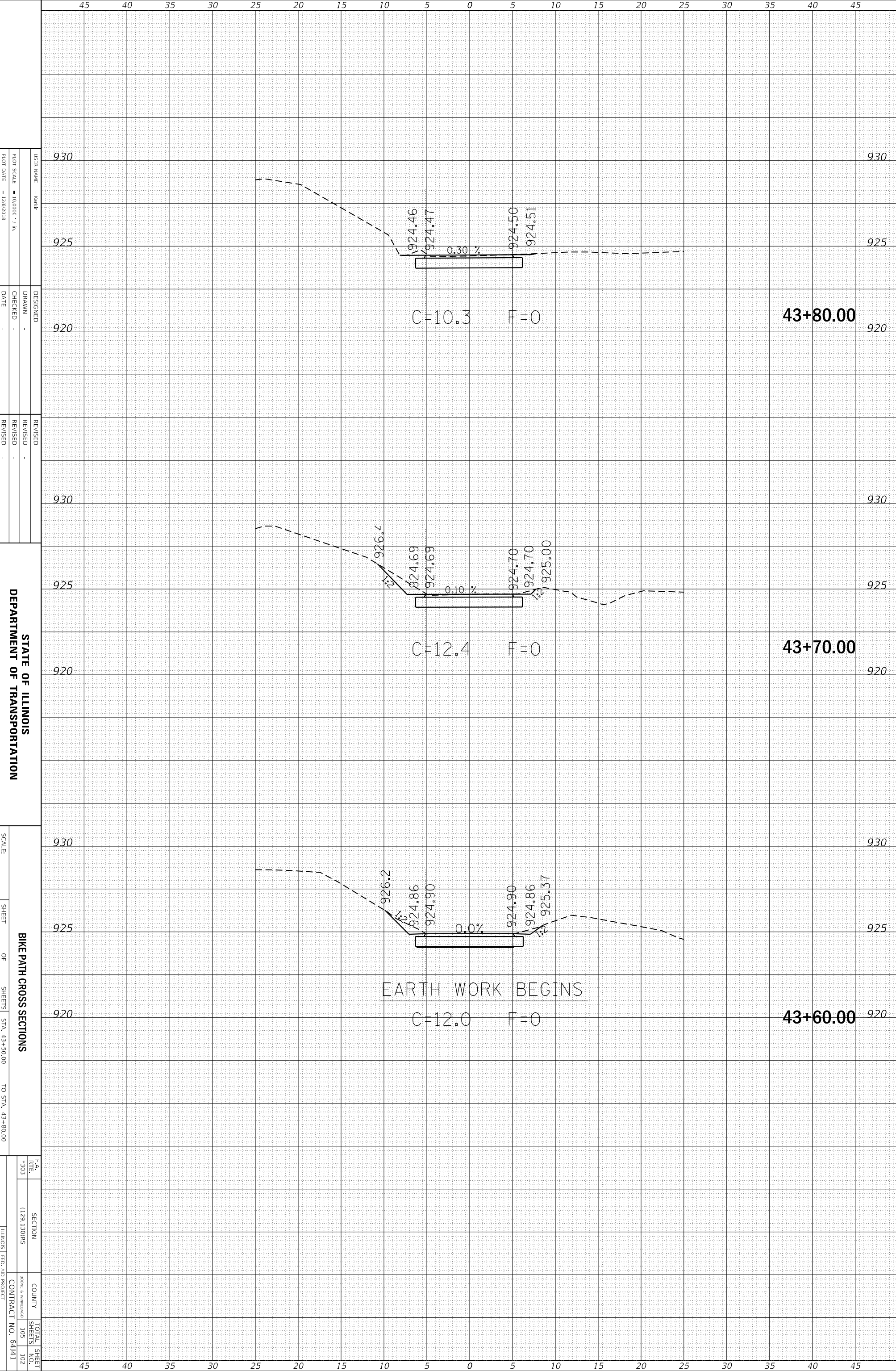
200+00.00

199+75.00

ORIGINAL SURVEY	SURVEYED _____	BY _____	DATE _____
NOTE BOOK	PLOTTED _____		
	TEMPLATE _____		
	AREAS _____		
	AREAS CHECKED _____		

FINAL SURVEY	SURVEYED _____	BY _____	DATE _____
NOTE BOOK	PLOTTED _____		
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	AREAS _____		
	AREAS CHECKED _____		

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USER NAME = krad
 PLOT SCALE = 1/10,000" = 1/4" = 1/8"
 PLOT DATE = 12/6/2018

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

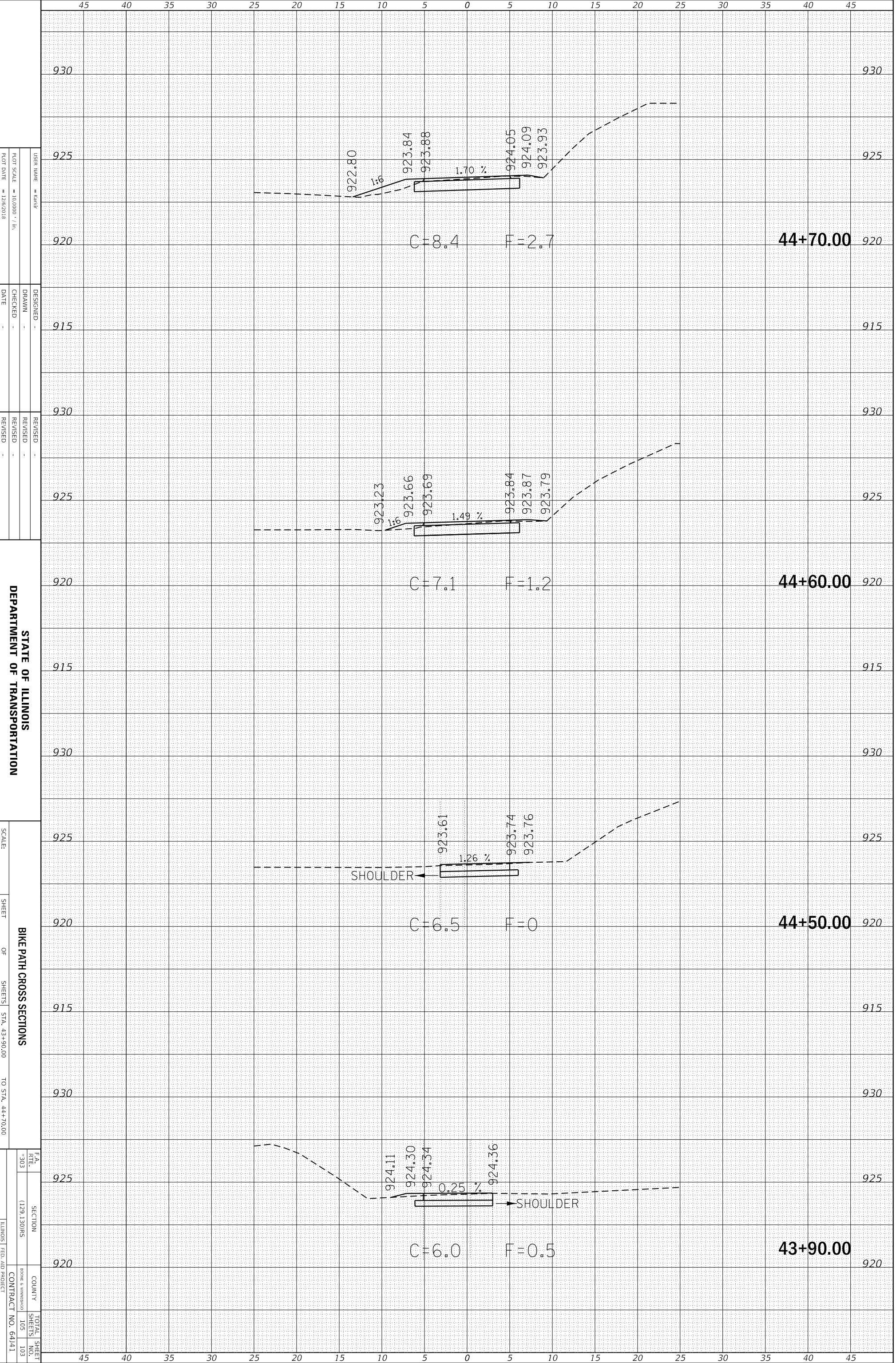
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 BIKE PATH CROSS SECTIONS

F.A. RTE. 303
 SECTION 129, 130RS
 COUNTY BOONE & AMHERST
 TOTAL SHEET SHEETS 105 NO. 102
 ILLINOIS FED. AID PROJECT CONTRACT NO. 6141

ORIGINAL SURVEY	SURVEYED _____	BY _____	DATE _____
NOTE BOOK	PLOTTED _____		
	TEMPLATE _____		
	AREAS _____		
	AREAS CHECKED _____		

FINAL SURVEY	SURVEYED _____	BY _____	DATE _____
NOTE BOOK	PLOTTED _____		
	TEMPLATE _____		
	AREAS _____		
	AREAS CHECKED _____		

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USER NAME = krad
 PLOT SCALE = 1/16,000" = 1/4" = 1/8"
 PLOT DATE = 12/6/2018

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

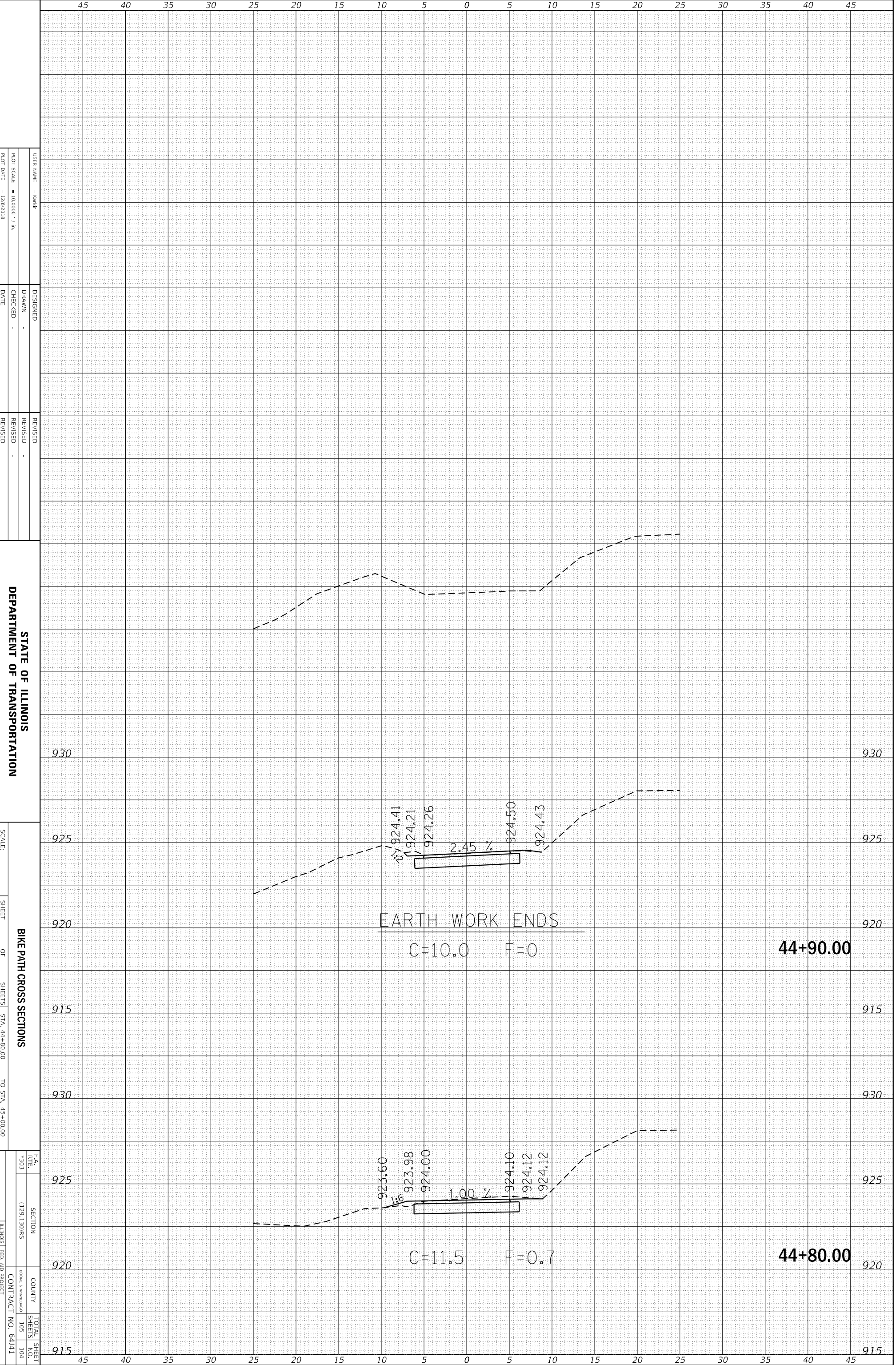
SCALE: SHEET OF SHEETS STA. 43+90.00 TO STA. 44+70.00

SECTION 129 130RS
 COUNTY BOONE & AMHERST
 CONTRACT NO. 64141
 TOTAL SHEET SHEETS 105 103

ORIGINAL SURVEY	SURVEYED _____	BY _____	DATE _____
NOTE BOOK	PLOTTED _____		
	TEMPLATE _____		
	AREAS _____		
	AREAS CHECKED _____		

FINAL SURVEY	SURVEYED _____	BY _____	DATE _____
NOTE BOOK	PLOTTED _____		
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USER NAME = krad
 PLOT SCALE = 1/16,000" = 1/4"
 PLOT DATE = 12/6/2018

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE:

SHEET

OF

SHEETS

STA. 44+80.00

TO STA. 45+00.00

FA
 RTE.
 303

SECTION
 129, 130RS

COUNTY
 BOONE & AMBERSON

TOTAL SHEET
 SHEETS 105

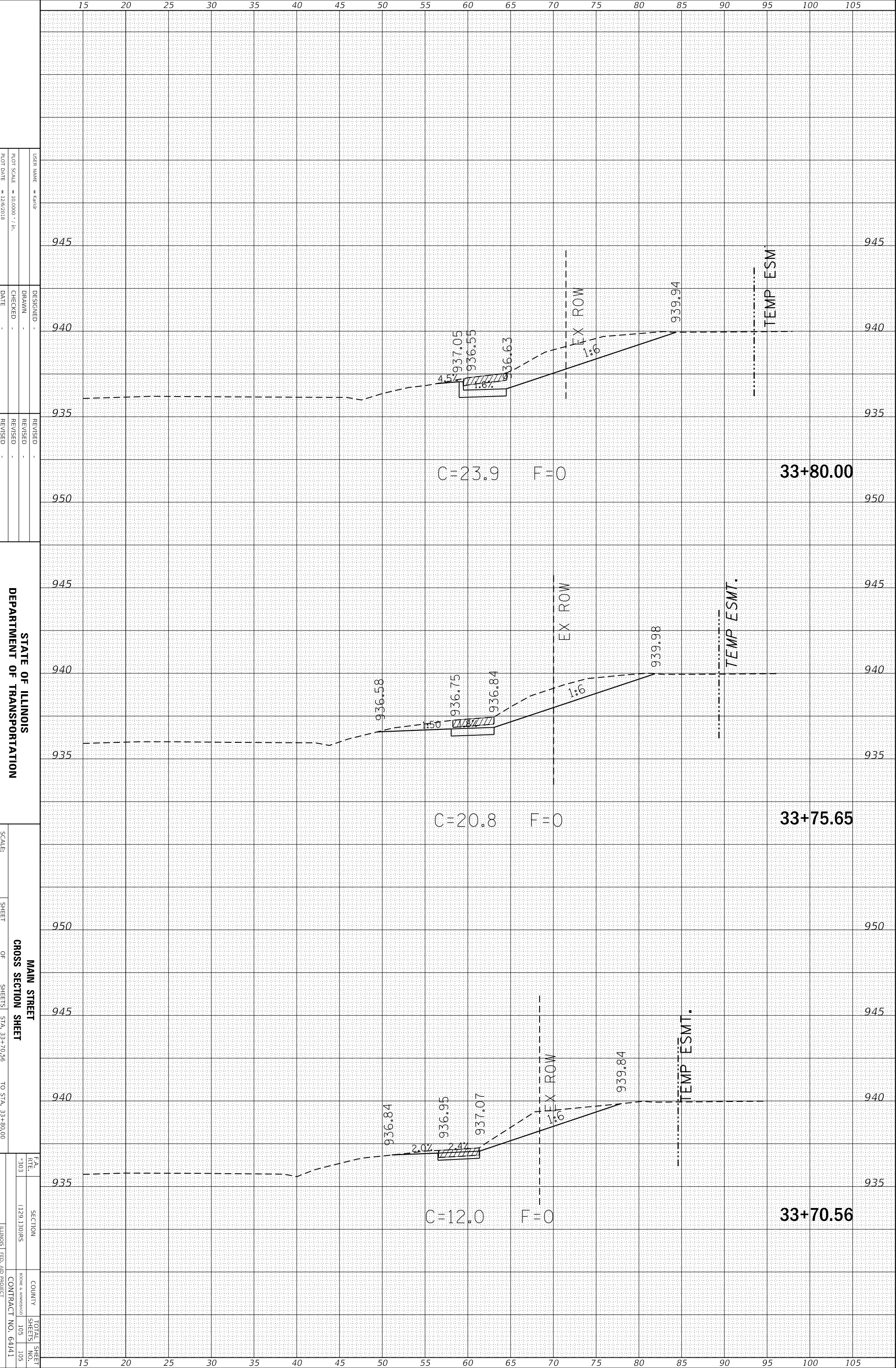
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ILLINOIS FED. AID PROJECT

ORIGINAL SURVEY	SURVEYED _____	BY _____	DATE _____
NOTE BOOK	PLOTTED _____		
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FINAL SURVEY	SURVEYED _____	BY _____	DATE _____
NOTE BOOK	PLOTTED _____		
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	AREAS _____		
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USER NAME = krad
 PLOT SCALE = 1/16,000" = 1/4"
 PLOT DATE = 12/6/2018

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE:
 SHEET OF SHEETS
 MAIN STREET
 CROSS SECTION SHEET
 STA. 33+70.56 TO STA. 33+80.00

SECTION 129 130RS
 COUNTY BOONE & AMHERST
 CONTRACT NO. 64141
 TOTAL SHEETS 105