

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			7	7
ILLINOIS			CONTRACT NO. 64G33	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

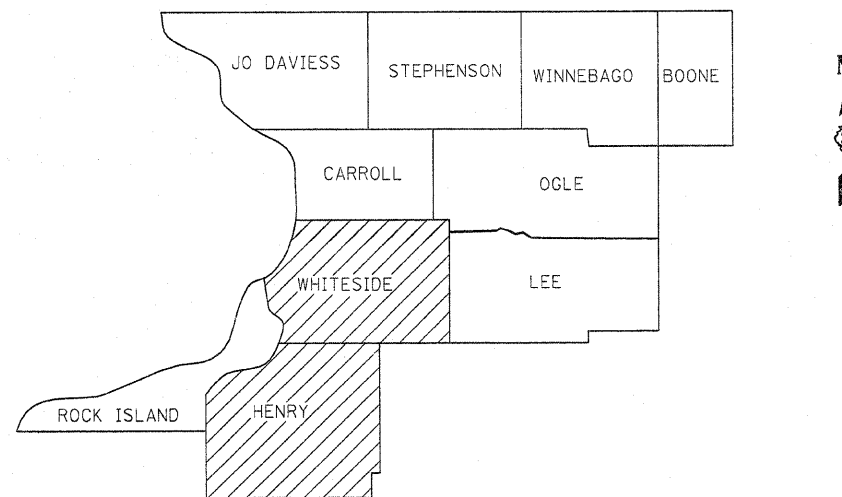
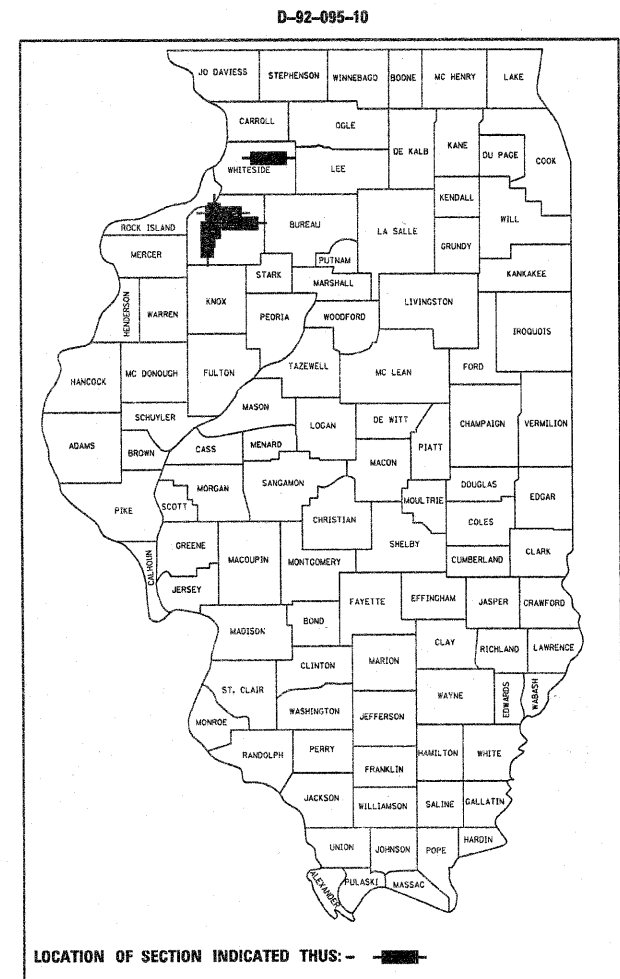
**PROPOSED  
HIGHWAY PLANS**

FAI 74 (I-74), FAI 80 (I-80), FAI 88 (I-88)  
SECTION D2 DECK SEALING 2011-2

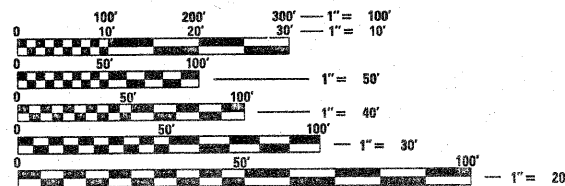
BRIDGE DECK SEALING  
HENRY & WHITESIDE COUNTY

C-92-003-11

FOR INDEX OF SHEETS, SEE SHEET NO. 2



**DISTRICT 2**



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: MAHMOUD ETEMADI 815/284-5393

CONTRACT NO. 64G33

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED Oct. 8 2010  
George F. Ryan  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

December 10, 2010  
Scott E. Stett P.E.  
Acting ENGINEER OF DESIGN AND ENVIRONMENT

December 10, 2010  
Christine M. Reed  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

# INDEX OF SHEETS

1. Cover Sheet
2. General Notes
3. Summary of Quantities
4. Schedule of Quantities
5. Location Map - Henry County
6. Location Map - Whiteside County
7. Sealing detail

# GENERAL NOTES

*The concrete sealer shall be applied to the entire top surface of the deck, including the inside faces and tops of parapets.*

*Water based concrete sealers will not be allowed.*

# HIGHWAY STANDARDS

- 701101-02
- 701400-05
- 701406-06
- 701411-07
- 701901-01

*FAI 74 (I-74), FAI 80 (I-80) & FAI 88 (I-88)  
D2 Deck Sealing 2011-2  
Henry & Whiteside Counties*

FILE NAME =	USER NAME = lmkd	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____						ILLINOIS FED. AID PROJECT				

# SUMMARY OF QUANTITIES

100% State  
0021

PAY ITEM #	DESCRIPTION	UNIT	TOTAL QUANTITY	Whiteside Co. QUANTITY	Henry Co. QUANTITY
58700300	CONCRETE SEALER	SQ.FT	260,474	110,496	150,178
67100100	MOBILIZATION	L.SUM	1	0.1	0.9
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	4	2	2
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L.SUM	1	0.1	0.9

FAI 74 (I-74), FAI 80 (I-80) & FAI 88 (I-88)  
D2 Deck Sealing 2011-2  
Henry & Whiteside Counties

FILE NAME =	USER NAME = lirkdj	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT DATE = Mon Nov 15 11:39:16 2010	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

# SCHEDULE OF QUANTITIES

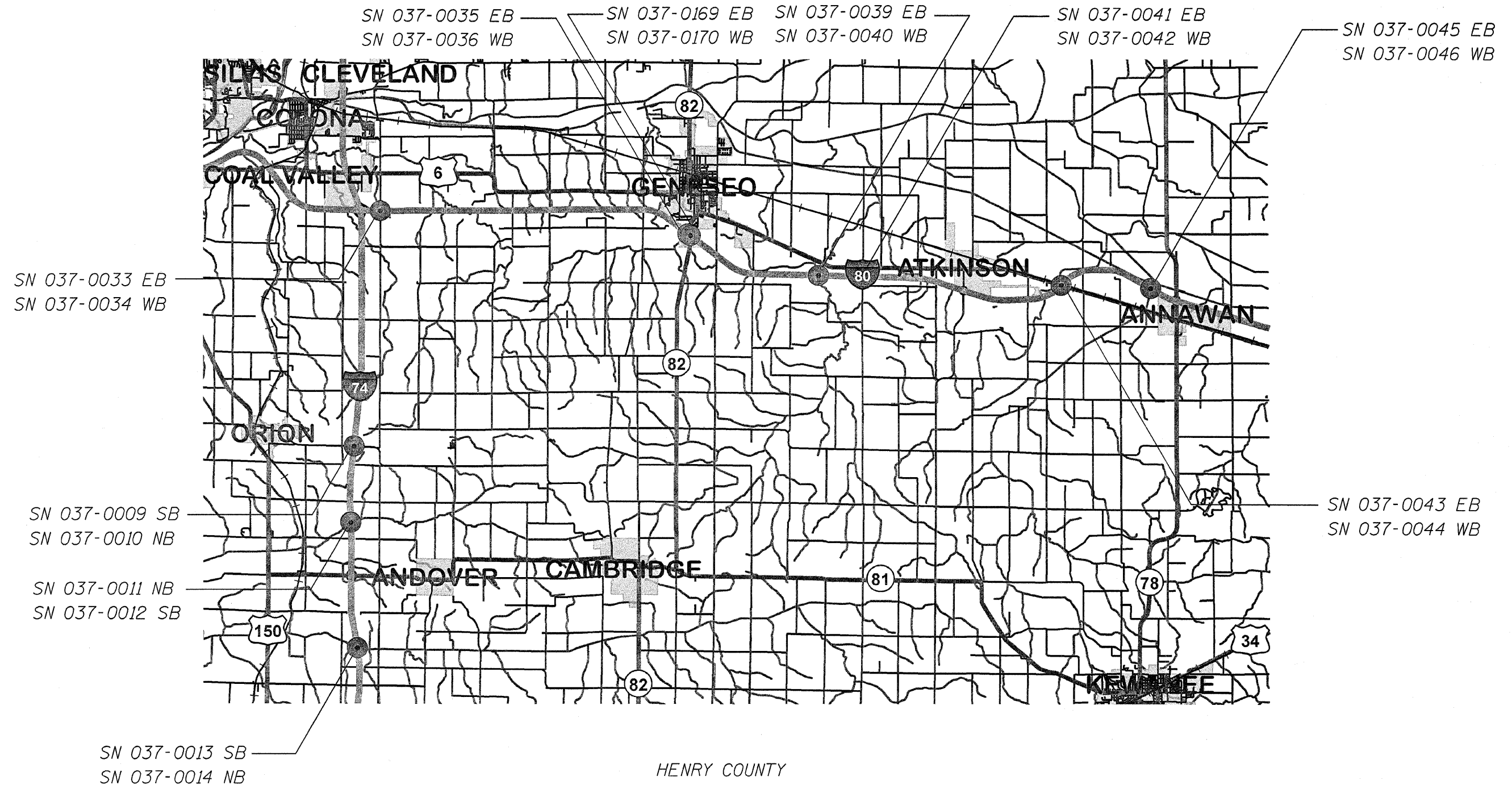
## Concrete Sealer

Location	Structure No.	Facility Carried	Feature Crossed	Location	Deck Length (Ft)	Deck Width (Ft)	Parapet Lt (Ft)	Parapet Rt (Ft)	Area (Sq Ft)	TC & P
Henry County										
	037-0009	I-74 SB	Oscos Road	2 mi East of Orion	102.2	41.3	3.77	3.77	4,991	701406
	037-0010	I-74 NB	Oscos Road	2 mi East of Orion	102.1	41.3	3.77	3.77	4,987	701406
	037-0011	I-74 NB	Camp Creek	2 mi north of IL 81	127.7	40.4	3.77	3.77	6,122	701406
	037-0012	I-74 SB	Camp Creek	2 mi north of IL 81	127.7	40.4	3.77	3.77	6,122	701406
	037-0013	I-74 SB	Edwards River	2 mi south of IL 81	144.2	41	3.77	3.77	6,999	701406
	037-0014	I-74 NB	Edwards River	2 mi south of IL 81	144.2	41	3.77	3.77	6,999	701406
	037-0033	I-80 EB	Oscos Road	0.5 mi east if I-74	110.6	40	3.77	3.77	5,258	701406
	037-0034	I-80 WB	Oscos Road	0.5 mi east if I-74	110.5	52	3.77	3.77	6,579	701406
	037-0035	I-80 EB	Geneseo Creek	0.1 mi west of IL 82	207	30.3	3.77	3.77	7,833	701406 701411
	037-0036	I-80 WB	Geneseo Creek	0.1 mi west of IL 82	207	49.5	3.77	3.77	11,807	701406 701411
	037-0039	I-80 EB	Spring Creek	3.7 mi east of IL 82	140	40.6	3.77	3.77	6,740	701406
	037-0040	I-80 WB	Spring Creek	3.7 mi east of IL 82	140	40.6	3.77	3.77	6,740	701406
	037-0041	I-80 EB	TR 276	2.8 mi west Atkinson Road	117	40	3.77	3.77	5,562	701406
	037-0042	I-80 WB	TR 276	2.8 mi west Atkinson Road	117	40	3.77	3.77	5,562	701406
	037-0043	I-80 EB	US 6 & IAIS RR	3.5 mi west of IL 78	286	35.4	3.77	3.77	12,281	701406
	037-0044	I-80 WB	US 6 & IAIS RR	3.5 mi west of IL 78	286	35.4	3.77	3.77	12,281	701406
	037-0045	I-80 EB	Mud Creek	0.7 mi west of IL 78	142	40.7	3.77	3.77	6,850	701406
	037-0046	I-80 WB	Mud Creek	0.7 mi west of IL 78	142	40.7	3.77	3.77	6,850	701406
	037-0169	I-80 EB	IL 82	South edge of Geneseo	206.3	40	3.77	3.77	9,808	701406
	037-0170	I-80 WB	IL 82	South edge of Geneseo	206.3	40	3.77	3.77	9,808	701406
Whiteside County										
	098-0079	I-88 EB	Rock River	3 mi west of Rock Falls	1200	38.5	3.77	3.77	55,248	701406 701411
	098-0080	I-88 WB	Rock River	3 mi west of Rock Falls	1200	38.5	3.77	3.77	55,248	701406 701411
									260,674	

FAI 74 (I-74), FAI 80 (I-80) & FAI 88 (I-88)  
D2 Deck Sealing 2011-2  
Henry & Whiteside Counties

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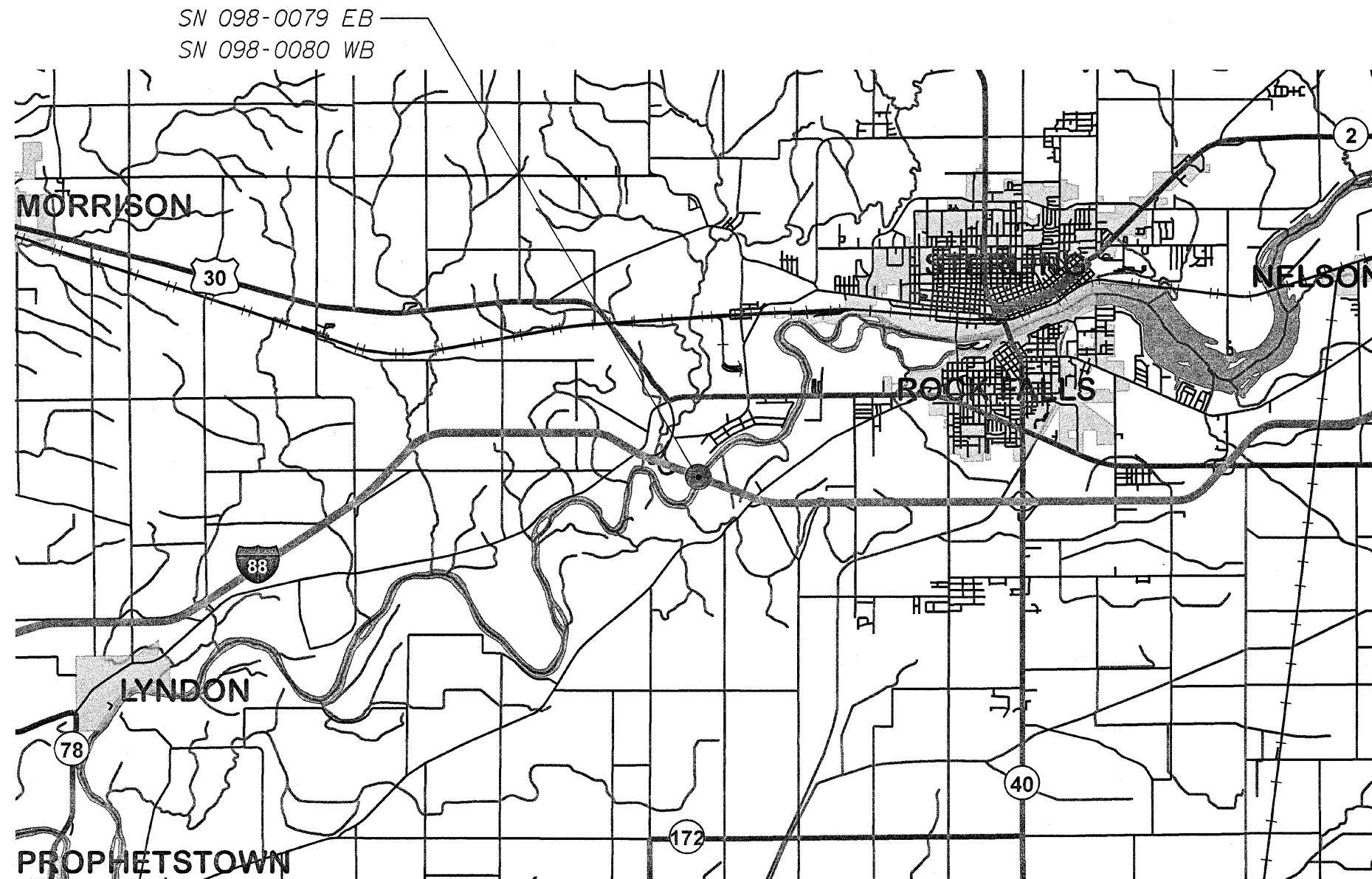
# LOCATION MAP



FAI 74 (I-74), FAI 80 (I-80) & FAI 88 (I-88)  
 D2 Deck Sealing 2011-2  
 Henry & Whiteside Counties

FILE NAME =	USER NAME = linkdj	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LOCATION MAP</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
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ILLINOIS FED. AID PROJECT													

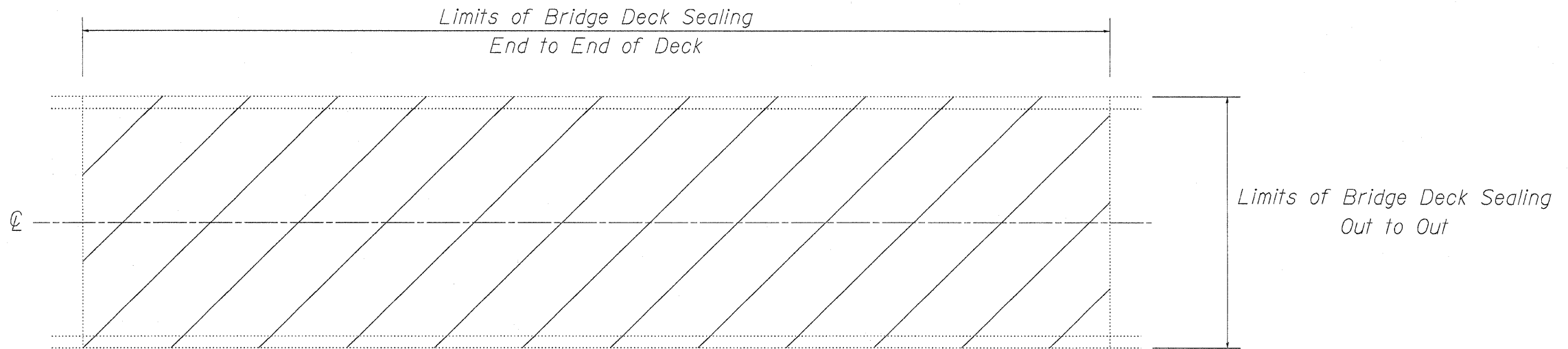
# LOCATION MAP



WHITESIDE COUNTY

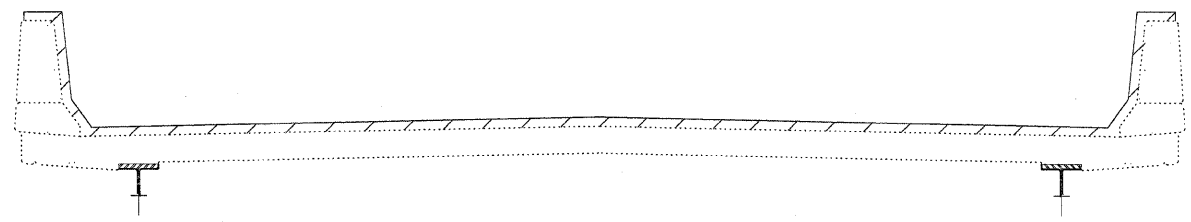
FAI 74 (I-74), FAI 80 (I-80) & FAI 88 (I-88)  
 D2 Deck Sealing 2011-2  
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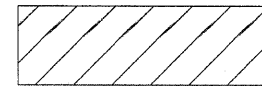


PLAN VIEW

Existing pavement markings shall be temporarily covered prior to application of the deck surface treatment, to prevent the material from being applied to the markings. The temporary covering shall be removed after application of the deck surface treatment and prior to opening to traffic. Cost included with Concrete Sealer.



CROSS SECTION WITH PARAPET



Area to be Sealed

FAI 74 (I-74), FAI 80 (I-80) & FAI 88 (I-88)  
 D2 Deck Sealing 2011-2  
 Henry & Whiteside Counties

FILE NAME =	USER NAME = linkdj	DESIGNED -	REVISD -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SEALING DETAILS</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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