

PAVEMENT AND SUBSURFACE INVESTIGATION SUMMARY

FAI 55 RUBBLIZING AND RESURFACING
1-55 (FROM I-270 TO IL 4) MADISON COUNTY

CONTRACT 76C93
JOB NO. D-98-038-09

Station NB	Location				Thickness, in.			Subbase Condition			Subgrade IBV					Soil Information						
	DS	DL	PL	PS	AC Overlay	PCC	Subbase	Good	Fair	Poor	0-6"	6-12"	12-18"	18-24"	24-30"	Classification	Sand	Silt	Clay	LL	PI	% H ₂ O
726+60		X			6.5	11	4, rock		X		5.5	5	4	3								
709+00		X			6.5	10.5	4		X		8	>10	>10	>10								
691+40		X			7	10.5	4		X													
673+80		X			6.5	11	4		X		5.5	8	>10	>10								
656+20		X			6.5	11	4		X													
638+60		X			7	11	4		X													
621+00		X			7	10.5	4		X		5.5	7	>10	>10								
603+40		X			6.5	11	4		X													
588+00		X																				

FAI 55 RUBBLIZING AND RESURFACING
1-55 (FROM I-270 TO IL 4) MADISON COUNTY

CONTRACT 76C93
JOB NO. D-98-038-09

Station NB	Location				Thickness, in.			Subbase Condition			Subgrade IBV					Soil Information							
	DS	DL	PL	PS	AC Overlay	PCC	Subbase	Good	Fair	Poor	0-6"	6-12"	12-18"	18-24"	24-30"	Classification	Sand	Silt	Clay	LL	PI	% H ₂ O	
955+40		X			6	12	3		X		4	7	>10										
937+80		X			7	10.5	3.5		X		5.5	8.4	4										
920+20		X			6.5	12	1		X		>10	10	10										
902+60		X			6.8	11	2		X		>10	>10											
885+00		X			6.25	10.75	4, ROCK			X	1.7	>10	>10										
867+40		X																					
858+10		X			5.5	10.75	ROCK	UNDER BRIDGE 060-0180					MAPLE RD.										
849+80		X			2.5	10.5	4.5, ROCK			X	1.7	5.5	10										
832+20		X																					
814+60		X			2.75	10.75	BROK	4.5, ROCK		X	3	4	8.4										
797+00		X																					
779+40		X			6.5	11, BROKEN	4, ROCK		X		4	>10	>10										
761+80		X																					
744+20		X			3	11.5	3, ASPHALT DRILLED TO BITS				5.5	>10	8.4										
738+40		X			3.5	10.5	3.5, ASPHALT	UNDER BRIDGE 060-0073					IL 140										

FAI 55 RUBBLIZING AND RESURFACING
1-55 (FROM I-270 TO IL 4) MADISON COUNTY

CONTRACT 76C93
JOB NO. D-98-038-09

Station NB	Location				Thickness, in.			Subbase Condition			Subgrade IBV					Soil Information								
	DS	DL	PL	PS	AC Overlay	PCC	Subbase	Good	Fair	Poor	0-6"	6-12"	12-18"	18-24"	24-30"	Classification	Sand	Silt	Clay	LL	PI	% H ₂ O		
1254+60		X			3.5, BROKEN	12, BROKEN				X	5.5	5.5	5.5	7										
1237+00		X			6	10.5	4		X	EROD	3	8.4	4	3										
1219+40		X			6.5	10	6		X		3	4	8.4											
1201+80		X			4	11, DOWEL B	4, ASPHALT, NO ROCK		X		3	>10	>10											
1189+70		X			4	10.55	3+, ASPHALT	UNDER BRIDGE 069-0001					IC RAILROAD					(PATCH 30' S TO 30' N in NB DL & PL)						
1184+20		X			4	10.5, FABRIC	4, ASPHALT, NO ROCK		X		4	10	7											
1166+60		X			4, BROKEN	14, PATCH	4		X		1.7	3	5.5			BRIDGE 060-0178	GOSHEN RD.							
1149+00		X			8, BROKEN	11, FABRIC R	4		X		3	4	7											
1131+40		X			6.5	10.5, PAVT F	9		X		3	4	3											
1117+60		X			3.5	10.5	4, ASPHALT	UNDER BRIDGE 060-0148					IL 143											
1113+80		X			3.5	11, PAVT FAB	4, OIL&CHIP, NO ROC		X		>10	>10	5.5	>10										
1096+20		X			8, BROKEN	10, PAVT FAB	6		X		1.7	>10	>10											
1078+60		X			6	11, PAVT FAB	4		X		3	5.5	>10											
1061+00		X			5, BROKEN	12	4		X		4	5.5	>10											
1043+40		X			7.5	10.5, REBAR	4		X		1.7	4	5.5											
1025+80		X			6, BROKEN	10	4, ROCK			X	7	8.4	>10	10										
1008+20		X			6.5	10.5	4.5, ROCK			X	3	7	10	10										
990+60		X			6	11	4		X		7	5.5	10	>10										
977+40		X			6	11.5	ROCK	UNDER BRIDGE 060-0179					FRUIT RD.											
973+00		X			6	11.5	4		X		5.5	>10	7	7										

IBV < 4 MAY INDICATE POTENTIAL PROBLEM AREAS

FILE NAME = ... \D876C93-ah-PAVEMENTCORES.dgn
 **Johnson, Depp & Quisenberry**
 CONSULTING ENGINEERS
 Springfield, Illinois

USER NAME = SJS
 DESIGNED -
 DRAWN -
 CHECKED -
 DATE -
 PLOT SCALE = 50.0000' / IN.
 PLOT DATE = 06/23/2010 15:31:54

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CORE RESULTS
NB DRIVING LANE**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	60-(1,2)RS-2	MADISON	156	8
CONTRACT NO. 76C93				
ILLINOIS FED. AID PROJECT				