

**Appendix B**  
**Farmland Conversion Impact Rating**

United States Department of Agriculture



Natural Resources Conservation Service  
2118 West Park Court  
Champaign, IL 61821  
Phone: 217/353-6600  
Fax: 217/353-6676

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November 20, 2013

Steve Chard, Acting Bureau Chief  
Attn: Teresa Savko  
IDA, Bureau of Land & Water Resources  
State Fairgrounds, P.O. Box 19281  
Springfield, IL 62794-9281

Re: Illinois 47  
McHenry County, Illinois  
Reed Road to US 14

Dear Mr. Chard:

Enclosed is Form AD-1006 for the above project. If you have questions, please call me.

Sincerely,

A handwritten signature in cursive script that reads "Ronald D. Collman".

RONALD D. COLLMAN  
State Soil Scientist

Enclosures

cc: (w/o enclosures)

Don McCallon, ASTC A4, USDA-NRCS, 3605 N IL Route 47, Suite C, Morris, Illinois 60450 A3  
Lewis Nichols, District Conservationist, USDA-NRCS, 1648 S. Eastwood Drive, Woodstock,  
Illinois 60098 A3

John A. Baczek, P.E., Project & Environmental Studies Section Chief, Division of Highways,  
Region One, District One, 201 West Center Court, Schaumburg, Illinois 60196-1096

Tim Prescott, Resource Inventory Specialist, USDA-NRCS, 2118 W. Park Court, Champaign,  
Illinois 61821

The Natural Resources Conservation Service provides leadership in a partnership effort to help people  
conserve, maintain, and improve our natural resources and environment.

An Equal Opportunity Provider and Employer

U.S. Department of Agriculture

# FARMLAND CONVERSION IMPACT RATING

<b>PART I (To be completed by Federal Agency)</b>		Date Of Land Evaluation Request 8/20/13			
Name Of Project IL Route 47, Reed Road to U.S. 14		Federal Agency Involved FHWA			
Proposed Land Use Roadway widening		County And State McHenry County, IL			
<b>PART II (To be completed by NRCS)</b>		Date Request Received By NRCS 10/19/13			
Does the site contain prime, unique, statewide or local important farmland? (If no, the FPPA does not apply – do not complete additional parts of this form).		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Acres Irrigated N/A	Average Farm Size 372
Major Crop(s) Corn, soybeans, wheat, hay	Farmable Land In Govt. Jurisdiction Acres: 29,633,500 % 97	Amount Of Farmland As Defined in FPPA Acres: 27,695,900 % 91			
Name Of Land Evaluation System Used Illinois	Name Of Local Site Assessment System Statewide	Date Land Evaluation Returned By NRCS 11/15/13			
<b>PART III (To be completed by Federal Agency)</b>		Alternative Site Rating			
		Site A	Site B	Site C	Site D
A. Total Acres To Be Converted Directly		91.6			
B. Total Acres To Be Converted Indirectly					
C. Total Acres In Site		91.6	0.0	0.0	0.0
<b>PART IV (To be completed by NRCS) Land Evaluation Information</b>					
A. Total Acres Prime And Unique Farmland		79.8			
B. Total Acres Statewide And Local Important Farmland		8.9			
C. Percentage Of Farmland In County Or Local Govt. Unit To Be Converted		0.0			
D. Percentage Of Farmland In Govt. Jurisdiction With Same Or Higher Relative Value		50.7			
<b>PART V (To be completed by NRCS) Land Evaluation Criterion</b> 150 Relative Value Of Farmland To Be Converted (Scale of 0 to 100 Points)		118	0	0	0
<b>PART VI (To be completed by Federal Agency)</b> Site Assessment Criteria (These criteria are explained in 7 CFR 658.5(b))		Maximum Points			
1. Area In Nonurban Use					
2. Perimeter In Nonurban Use					
3. Percent Of Site Being Farmed					
4. Protection Provided By State And Local Government					
5. Distance From Urban Builtup Area					
6. Distance To Urban Support Services					
7. Size Of Present Farm Unit Compared To Average					
8. Creation Of Nonfarmable Farmland					
9. Availability Of Farm Support Services					
10. On-Farm Investments					
11. Effects Of Conversion On Farm Support Services					
12. Compatibility With Existing Agricultural Use					
<b>TOTAL SITE ASSESSMENT POINTS</b>		150*	180	0	0
<b>PART VII (To be completed by Federal Agency)</b>					
Relative Value Of Farmland (From Part V)		150*	180	118	0
Total Site Assessment (From Part VI above or a local site assessment)		150*	180	44	0
<b>TOTAL POINTS (Total of above 2 lines)</b>		300*	360	162	0
Site Selected:		Date Of Selection		Was A Local Site Assessment Used? Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>	

See the attached  
Illinois LESA Site Assessment  
CORRIDOR Factors

Reason For Selection:

\*\* When utilizing the Illinois State Site Assessment Corridor factors, 150 points are assigned to the Land Evaluation portion, and 150 points are assigned to the Site Assessment portion of the LESA System for a maximum score of 300 points.

**IL Route 47, Reed Road to US Route 14  
McHenry County, Illinois  
Federal Highway Administration Funds**

<b>PART VI-B Illinois Site Assessment <i>CORRIDOR</i> Factors</b>	<b>Maximum Points</b>	<b>Site A</b>
1. Amount of agricultural land required	30	12
2. Location of the proposed alignment	30	13
3. Acres of off-site agricultural land required for borrow materials	15	15
4. Acres of Prime and Important farmland required for mitigation	15	0
5. Creation of severed farm parcels	10	0
6. Creation of uneconomical remnants	10	0
7. Creation of landlocked parcels	10	0
8. Creation of adverse travel	10	1
9. Relocations of rural residences and farm buildings	10	1
10. Utilization of minimum design standards	10	2
<b>TOTAL SITE ASSESSMENT <i>CORRIDOR</i> POINTS</b>	<b>150</b>	<b>44</b>

**PART VII**

Relative Value of Farmland	150	118
Total Site Assessment <i>CORRIDOR</i> Factors	150	44
<b>TOTAL ILLINOIS LESA POINTS</b>	<b>300</b>	<b>162</b>

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\* *The Illinois LESA System applies the 225 point cutoff when evaluating state and federally funded projects. Site or Corridor alternatives receiving 175 or fewer points have a low rating for protection, and it is not necessary to evaluate additional alternatives. Those alternatives receiving 176 to 225 points are in the moderate range for protection. In most cases, alternatives exceeding the 225 point level should be retained for agricultural use, and an alternate site should be utilized for the intended project. Selecting the alternative with the lowest total points will usually protect the best farmland located in the most agriculturally viable areas. LESA also serves to maintain and promote the agricultural industry in Illinois.*

U.S. Department of Agriculture

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<b>PART II</b> (To be completed by NRCS)		Date Request Received By NRCS 10/19/13	
Does the site contain prime, unique, statewide or local important farmland? (If no, the FPPA does not apply -- do not complete additional parts of this form).		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Major Crop(s) Corn, soybeans, wheat, hay		Acres Irrigated N/A	Average Farm Size 372
Farmable Land In Govt. Jurisdiction Acres: 29,633,500 % 97		Amount Of Farmland As Defined in FPPA Acres: 27,695,900 % 91	
Name Of Land Evaluation System Used Illinois	Name Of Local Site Assessment System Statewide	Date Land Evaluation Returned By NRCS 11/15/13	

<b>PART III</b> (To be completed by Federal Agency)	Alternative Site Rating			
	Site A	Site B	Site C	Site D
A. Total Acres To Be Converted Directly	39.7			
B. Total Acres To Be Converted Indirectly				
C. Total Acres In Site	39.7	0.0	0.0	0.0

<b>PART IV</b> (To be completed by NRCS) Land Evaluation Information				
A. Total Acres Prime And Unique Farmland	31.2			
B. Total Acres Statewide And Local Important Farmland	7.5			
C. Percentage Of Farmland In County Or Local Govt. Unit To Be Converted	0.0			
D. Percentage Of Farmland In Govt. Jurisdiction With Same Or Higher Relative Value	50.7			

<b>PART V</b> (To be completed by NRCS) Land Evaluation Criterion Relative Value Of Farmland To Be Converted (Scale of 0 to 100 Points)	112	0	0	0
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<b>PART VI</b> (To be completed by Federal Agency) Site Assessment Criteria (These criteria are explained in 7 CFR 658.5(b))	Maximum Points				
1. Area In Nonurban Use					
2. Perimeter In Nonurban Use					
3. Percent Of Site Being Farmed					
4. Protection Provided By State And Local Government					
5. Distance From Urban Builtup Area					
6. Distance To Urban Support Services					
7. Size Of Present Farm Unit Compared To Average					
8. Creation Of Nonfarmable Farmland					
9. Availability Of Farm Support Services					
10. On-Farm Investments					
11. Effects Of Conversion On Farm Support Services					
12. Compatibility With Existing Agricultural Use					
<b>TOTAL SITE ASSESSMENT POINTS</b>	160	0	0	0	0

<b>PART VII</b> (To be completed by Federal Agency)					
Relative Value Of Farmland (From Part V)	100	112	0	0	0
Total Site Assessment (From Part VI above or a local site assessment)	160	0	0	0	0
<b>TOTAL POINTS (Total of above 2 lines)</b>	260	112	0	0	0

Site Selected:	Date Of Selection	Was A Local Site Assessment Used? Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>
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Reason For Selection:

\*\* When utilizing the Illinois State Site Assessment Corridor factors, 150 points are assigned to the Land Evaluation portion, and 150 points are assigned to the Site Assessment portion of the LESA System for a maximum score of 300 points.