

APPENDIX H FARMLAND ASSESSMENT

The following corridor assessment criteria is used to determine the score of each alternative on Form SCS-CPA-106, *Farmland Conversion Impact Rating for Corridor Type Projects*.

CORRIDOR-TYPE SITE ASSESSMENT CRITERIA

The following criteria are to be used for projects that have a linear or corridor-type site configuration connecting two distant points, and crossing several different tracts of land. These include utility lines, highways, railroads, stream improvements, and flood control systems. Federal agencies are to assess the suitability of each corridor-type site or design alternative for protection as farmland along with the land evaluation information.

1. How much land is in non-urban use within a radius of 1.0 mile from where the project is intended?
 - More than 90 percent - 15 points
 - 90 to 20 percent - 14 to 1 point(s)
 - Less than 20 percent - 0 points

2. How much of the perimeter of the site borders on land in non-urban use?
 - More than 90 percent - 10 points
 - 90 to 20 percent - 9 to 1 point(s)
 - Less than 20 percent - 0 points

3. How much of the site has been farmed (managed for a scheduled harvest or timber activity) more than five of the last 10 years?
 - More than 90 percent - 20 points
 - 90 to 20 percent - 19 to 1 point(s)
 - Less than 20 percent - 0 points

4. Is the site subject to state or unit of local government policies or programs to protect farmland or covered by private programs to protect farmland?
 - Site is protected - 20 points
 - Site is not protected - 0 points

5. Is the farms unit(s) containing the size (before the project) as large as the average-size farming unit in the County? (Average farm sizes in each county are available from the NRCS field offices in each state. Data are from the latest available Census of Agriculture, *Acreage of Farm Units in Operation with \$1000 or more in sales*).
 - As large or larger - 10 points
 - Below average - Deduct 1 point for each 5 percent below the average, down to 0 points if 50 percent or more below average - 9 to 0 points

6. If the site is chosen for the project, how much of the remaining land on the farm will become non-farmable because of interference with land patterns?
 - Acreage equal to more than 25 percent of acres directly converted by the project - 25 points
 - Acreage equal to between 25 percent and 5 percent of the acres directly converted by the project - 24 to 1 point(s)

- Acreage equal to less than 5 percent of the acres directly converted by the project - 0 points

7. Does the site have available adequate supply of farm support services and markets, i.e., farm suppliers, equipment dealers, processing and storage facilities and farmers' markets?

- All required services are available - 5 points
- Some required services are available - 4 to 1 point(s)
- No required services are available - 0 points

8. Does the site have substantial and well-maintained on-farm investments such as barns, other storage buildings, fruit trees and vines, field terraces, drainage, irrigation, waterways, or other soil and water conservation measures?

- High amount of on-farm investment - 20 points
- Moderate amount of on-farm investment - 19 to 1 point(s)
- No on-farm investment - 0 points

9. Would the project at this site, by converting farmland to non-agricultural use, reduce the demand for farm support services so as to jeopardize the continued existence of these support services and thus, the viability of the farms remaining in the area?

- Substantial reduction in demand for support services if the site is converted - 25 points
- Some reduction in demand for support services if the site is converted - 24 to 1 point(s)
- No significant reduction in demand for support services if the site is converted - 0 points

10. Is the kind and intensity of the proposed use of the site sufficiently incompatible with agriculture that it is likely to contribute to the eventual conversion of surrounding farmland to non-agricultural use?

- Proposed project is incompatible to existing agricultural use of surrounding farmland - 10 points
- Proposed project is tolerable to existing agricultural use of surrounding farmland - 9 to 1 point(s)
- Proposed project is fully compatible with existing agricultural use of surrounding farmland - 0 points

FARMLAND CONVERSION IMPACT RATING
FOR CORRIDOR TYPE PROJECTS

PART I (To be completed by Federal Agency)		3. Date of Land Evaluation Request	2-10-96	4. Sheet 1 of 1
1. Name of Project	Route 13 Corridor Study	5. Federal Agency Involved	Federal Highway Administration	
2. Type of Project	4 Lane Divided Expressway	6. County and State	Lafayette County, Missouri	

PART II (To be completed by SCS)		1. Date Request Received By SCS	2-12-96	2. Person Completing Form
3. Does the corridor 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"/>	4. Acres Irrigated
5. Major Crop(s)	Pasture, Row Crops	6. Farmable Land In Government Jurisdiction	Acres: 372,839	% 95
7. Amount Of Farmland As Defined In FPPA	Acres: 369,839	% 94		
8. Name Of Land Evaluation System Used	Lafayette County	9. Name of Local Site Assessment System		
		10. Date Land Evaluation Returned By SCS	3-7-96	

PART III (To be completed by Federal Agency)	Alternative Corridor For Segment		
	Alt. A	Alt. B	
A. Total Acres To Be Converted Directly (R.O.W. 300 ft / 600 ft)	373 / 746	390 / 779	
B. Total Acres To Be Converted Indirectly, Or To Receive Services	-	-	
C. Total Acres In Corridor	373 / 746	390 / 779	

PART IV (To be completed by SCS) Land Evaluation Information			
A. Total Acres Prime And Unique Farmland	141 / 283	148 / 296	
B. Total Acres Statewide And Local Important Farmland	164 / 328	121 / 243	
C. Percentage Of Farmland In County Or Local Govt. Unit To Be Converted	.001	.001	
D. Percentage Of Farmland In Govt. Jurisdiction With Same Or Higher Relative Value	23	23	

PART V (To be completed by SCS) Land Evaluation Criterion Relative Value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)			
	85	85	

PART VI (To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))		Maximum Points		
1. Area In Nonurban Use	15	15	15	
2. Perimeter In Nonurban Use	10	10	10	
3. Percent Of Corridor Being Farmed	20	18	18	
4. Protection Provided By State And Local Government	20	0	0	
5. Size Of Present Farm Unit Compared To Average	10	10	10	
6. Creation Of Nonfarmable Farmland	25	0	0	
7. Availability Of Farm Support Services	5	1	1	
8. On-Farm Investments	20	10	15	
9. Effects Of Conversion On Farm Support Services	25	5	5	
10. Compatibility With Existing Agricultural Use	10	5	5	
TOTAL CORRIDOR ASSESSMENT POINTS	160	74	79	

PART VII (To be completed by Federal Agency)			
Relative Value Of Farmland (From Part V)	100	85	85
Total Corridor Assessment (From Part VI above or a local site assessment)	160	74	79
TOTAL POINTS (Total of above 2 lines)	260	159	164

1. Corridor Selected:	2. Total Acres of Farmlands to be Converted by Project:	3. Date Of Selection:	4. Was A Local Site Assessment Used?
Alternative A	390 / 779	9-25-95	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>

Reason For Selection:

1. Least impact to the aquatic environment
2. Most compatible with staged construction
3. Utility of interim projects completed

Signature of Person Completing This Part: Timothy R. Flagler DATE June 19, 1997

FTE: Complete a form for each segment with more than one Alternative Corridor

FARMLAND CONVERSION IMPACT RATING
FOR CORRIDOR TYPE PROJECTS

PART I (To be completed by Federal Agency)

3. Date of Land Evaluation Request: 2-10-96 4. Sheet 1 of 2

1. Name of Project: Route 13 Corridor Study 5. Federal Agency Involved: Federal Highway Administration

2. Type of Project: 4 Lane Divided Expressway 6. County and State: Johnson County, Missouri

PART II (To be completed by SCS)

1. Date Request Received By SCS: 2-12-96 2. Person Completing Form: _____

3. Does the corridor contain prime, unique, statewide or local important farmland? (If no, the FPPA does not apply. Do not complete additional parts of this form). YES NO

4. Acres Irrigated: _____ Average Farm Size: _____

5. Major Crops: Pasture, Row Crops 6. Farmable Land In Government Jurisdiction: Acres: 520,390 %: 78

7. Amount Of Farmland As Defined In FPPA: Acres: 436,900 %: 85

8. Name Of Land Evaluation System Used: Johnson, County 9. Name Of Local Site Assessment System: _____

10. Date Land Evaluation Returned By SCS: 3-6-96

PART III (To be completed by Federal Agency)

	Alternative Corridor For Segment			
	A West	B West	A Near East	A Far East
A. Total Acres To Be Converted Directly (R.O.W. 300 ft / 600 ft)	<u>467/934</u>	<u>471/942</u>	<u>462/923</u>	<u>473/945</u>
B. Total Acres To Be Converted Indirectly, Or To Receive Services	-	-	-	-
C. Total Acres In Corridor	<u>467/934</u>	<u>471/942</u>	<u>462/923</u>	<u>473/945</u>

PART IV (To be completed by SCS) Land Evaluation Information

A. Total Acres Prime And Unique Farmland	<u>93/186</u>	<u>103/207</u>	<u>101/166</u>	<u>85/169</u>
B. Total Acres Statewide And Local Important Farmland	<u>261/523</u>	<u>235/471</u>	<u>266/535</u>	<u>293/586</u>
C. Percentage Of Farmland In County Or Local Govt. Unit To Be Converted	<u>.001</u>	<u>.001</u>	<u>.001</u>	<u>.001</u>
D. Percentage Of Farmland In Govt. Jurisdiction With Same Or Higher Relative Value	<u>51</u>	<u>51</u>	<u>51</u>	<u>51</u>

PART V (To be completed by SCS) Land Evaluation Criterion Relative Value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)

	<u>81</u>	<u>81</u>	<u>81</u>	<u>81</u>
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PART VI (To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))

	Maximum Points	A West	B West	A Near East	A Far East
1. Area In Nonurban Use	15	<u>15</u>	<u>15</u>	<u>15</u>	<u>15</u>
2. Perimeter In Nonurban Use	10	<u>10</u>	<u>10</u>	<u>10</u>	<u>10</u>
3. Percent Of Corridor Being Farmed	20	<u>17</u>	<u>17</u>	<u>17</u>	<u>17</u>
4. Protection Provided By State And Local Government	20	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
5. Size Of Present Farm Unit Compared To Average	10	<u>10</u>	<u>10</u>	<u>10</u>	<u>10</u>
6. Creation Of Nonfarmable Farmland	25	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
7. Availability Of Farm Support Services	5	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>
8. On-Farm Investments	20	<u>10</u>	<u>15</u>	<u>10</u>	<u>10</u>
9. Effects Of Conversion On Farm Support Services	25	<u>5</u>	<u>5</u>	<u>5</u>	<u>5</u>
10. Compatibility With Existing Agricultural Use	10	<u>5</u>	<u>5</u>	<u>5</u>	<u>5</u>
TOTAL CORRIDOR ASSESSMENT POINTS	160	<u>73</u>	<u>78</u>	<u>73</u>	<u>73</u>

PART VII (To be completed by Federal Agency)

Relative Value Of Farmland (From Part V)	100	<u>81</u>	<u>81</u>	<u>81</u>	<u>81</u>
Total Corridor Assessment (From Part VI above or a local site assessment)	160	<u>73</u>	<u>78</u>	<u>73</u>	<u>73</u>
TOTAL POINTS (Total of above 2 lines)	260	<u>154</u>	<u>159</u>	<u>154</u>	<u>154</u>

1. Corridor Selected: A Far East 2. Total Acres of Farmlands to be Converted by Project: 473/945

3. Date Of Selection: 9-25-95 4. Was A Local Site Assessment Used? YES NO

Reason For Selection:
1- Least impact to the aquatic environment

Signature of Person Completing This Part: Timothy R. Flaherty DATE: June 19, 1997

NOTE: Complete a form for each segment with more than one Alternative Corridor

**FARMLAND CONVERSION IMPACT RATING
FOR CORRIDOR TYPE PROJECTS**
Name of Project Rte 13 Sheet No. 2

PART I (To be completed by Federal Agency)	Alternative Corridor For Segment		
	B Far East		
A. Total Acres To Be Converted Directly (R.O.W. 300 ft / 600 ft)	502/1003		
B. Total Acres To Be Converted Indirectly, Or To Receive Services	-		
C. Total Acres In Corridor	502/1003		
PART II (To be completed by SCS) Land Evaluation Information			
A. Total Acres Prime And Unique Farmland	85/170		
B. Total Acres Statewide And Local Important Farmland	326/652		
C. Percentage Of Farmland In County Or Local Govt. Unit To Be Converted	.001		
D. Percentage Of Farmland In Govt. Jurisdiction With Same Or Higher Relative Value	49		
PART III (To be completed by SCS) Land Evaluation Criterion: Relative Value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)			
	65		
PART IV (To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))			
	Maximum Points		
1. Area In Nonurban Use	15	15	
2. Perimeter In Nonurban Use	10	10	
3. Percent Of Corridor Being Farmed	20	17	
4. Protection Provided By State And Local Government	20	0	
5. Size Of Present Farm Unit Compared To Average	10	10	
6. Creation Of Nonfarmable Farmland	25	0	
7. Availability Of Farm Support Services	5	1	
8. On-Farm Investments	20	15	
9. Effects Of Conversion On Farm Support Services	25	5	
10. Compatibility With Existing Agricultural Use	10	5	
TOTAL CORRIDOR ASSESSMENT POINTS	160	78	
PART V (To be completed by Federal Agency)			
Relative Value Of Farmland (From Part III)	100	65	
Total Corridor Assessment (From Part IV above or a local site assessment)	160	78	
TOTAL POINTS (Total of above 2 lines)	260	143	
1. Corridor Selected:	2. Total Acres Converted:	3. Date Of Selection:	4. Was A Local Site Assessment Used? YES <input type="checkbox"/> NO <input type="checkbox"/>

5. Reason For Selection:
see sheet No. 1

Signature of Person Completing This Form:

DATE

FARMLAND CONVERSION IMPACT RATING
FOR CORRIDOR TYPE PROJECTS

PART I (To be completed by Federal Agency)

3. Date of Land Evaluation Request: 2-10-96 4. Sheet 1 of 1

1. Name of Project: Route 13 Corridor Study

5. Federal Agency Involved: Federal Highway Administration

2. Type of Project: 4 Lane Divided Expressway

6. County and State: Henry County, Missouri

PART II (To be completed by SCS)

1. Date Request Received By SCS: _____ 2. Person Completing Form: _____

3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form) YES NO

4. Acres Irrigated: _____ Average Farm Size: _____

Major Crops: Pasture, Row Crops

5. Farmable Land In Government Jurisdiction: Acres: 395,084 %: 88

7. Amount Of Farmland As Defined In FPPA: Acres: 387,401 %: 86

8. Name Of Land Evaluation System Used: Henry County

9. Name of Local Site Assessment System: _____

10. Date Land Evaluation Returned By SCS: 3-8-96

PART III (To be completed by Federal Agency)

	Alternative Corridor For Segment			
	Alt. A	A East Option	Alt. B	Alt. 1 Rte 7
A. Total Acres To Be Converted Directly (R.O.W. 300 ft / 600 ft)	454/907	427/853	399/798	151/302
B. Total Acres To Be Converted Indirectly, Or To Receive Services	-	-	-	-
C. Total Acres In Corridor	454/907	427/853	399/798	151/302

PART IV (To be completed by SCS) Land Evaluation Information

Total Acres Prime And Unique Farmland	68/136	72/145	60/120	37/75
Total Acres Statewide And Local Important Farmland	318/635	269/537	257/514	98/196
C. Percentage Of Farmland In County Or Local Govt. Unit To Be Converted	.001	.001	.001	.001
Percentage Of Farmland In Govt. Jurisdiction With Same Or Higher Relative Value	54	54	54	49

PART V (To be completed by SCS) Land Evaluation Criterion Relative Value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)

	59	59	59	65
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PART VI (To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))

	Maximum Points				
1. Area In Nonurban Use	15	15	15	15	15
2. Perimeter In Nonurban Use	10	10	10	10	10
3. Percent Of Corridor Being Farmed	20	16	16	16	16
4. Protection Provided By State And Local Government	20	0	0	0	0
5. Size Of Present Farm Unit Compared To Average	10	10	10	10	10
6. Creation Of Nonfarmable Farmland	25	0	0	0	0
7. Availability Of Farm Support Services	5	1	1	1	1
8. On-Farm Investments	20	5	10	15	10
9. Effects Of Conversion On Farm Support Services	25	5	5	5	5
10. Compatibility With Existing Agricultural Use	10	5	5	5	5
TOTAL CORRIDOR ASSESSMENT POINTS	160	67	72	77	72

PART VII (To be completed by Federal Agency)

Relative Value Of Farmland (From Part V)	100	59	59	59	65
Total Corridor Assessment (From Part VI above or a local site assessment)	160	67	72	77	72
TOTAL POINTS (Total of above 2 lines)	260	126	131	136	137

1. Corridor Selected: Alt. A with Alt. 1 Rte 7

2. Total Acres of Farmlands to be Converted by Project: 605 / 1209

3. Date Of Selection: 9-25-95

4. Was A Local Site Assessment Used? YES NO

Reason For Selection:

1. Least impact to the aquatic environment
2. Most compatible with staged construction
3. Utility of interim projects completed

Signature of Person Completing This Part: Timothy R. Flegler DATE: June 19, 1997