

APPENDIX B

NRCS Coordination

**FARMLAND CONVERSION IMPACT RATING
FOR CORRIDOR TYPE PROJECTS**

PART I (To be completed by Federal Agency)		3. Date of Land Evaluation Request 5/30/19	4. Sheet 1 of 1
1. Name of Project US 60 Improvements		5. Federal Agency Involved FHWA	
2. Type of Project Transportation		6. County and State Ballard & McCracken Counties, KY	
PART II (To be completed by NRCS)		1. Date Request Received by NRCS 5/30/19	2. Person Completing Form Perri Pedley
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 Average Farm Size	
5. Major Crop(s) Corn	6. Farmable Land in Government Jurisdiction Acres: 132,446 % 82.5	7. Amount of Farmland As Defined in FPPA Acres: 117,284 % 73	
8. Name of Land Evaluation System Used LESA	9. Name of Local Site Assessment System	10. Date Land Evaluation Returned by NRCS 6/24/19	

	Alternative Corridor For Segment			
	Corridor A	Corridor B	Corridor C	Corridor D
A. Total Acres To Be Converted Directly	126.2 ac	88.0 ac	102.7 ac	
B. Total Acres To Be Converted Indirectly, Or To Receive Services	n/a	n/a	n/a	
C. Total Acres In Corridor	135.6 ac	132.0 ac	105.9 ac	

PART IV (To be completed by NRCS) Land Evaluation Information			
A. Total Acres Prime And Unique Farmland	71.43	62.11	73.24
B. Total Acres Statewide And Local Important Farmland	16.59	6.31	8.53
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted	0.075	0.058	0.070
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value	49.0	49.0	66.7

PART V (To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)			
	88	89	81

	Maximum Points	Alternative Corridor For Segment			
		Corridor A	Corridor B	Corridor C	Corridor D
1. Area in Nonurban Use	15	15	15	15	
2. Perimeter in Nonurban Use	10	10	6	8	
3. Percent Of Corridor Being Farmed	20	15	0	3	
4. Protection Provided By State And Local Government	20	20	20	20	
5. Size of Present Farm Unit Compared To Average	10	10	5	5	
6. Creation Of Nonfarmable Farmland	25	15	0	0	
7. Availability Of Farm Support Services	5	5	5	5	
8. On-Farm Investments	20	10	0	0	
9. Effects Of Conversion On Farm Support Services	25	0	0	0	
10. Compatibility With Existing Agricultural Use	10	2	0	1	
TOTAL CORRIDOR ASSESSMENT POINTS	160	102	51	57	0

PART VII (To be completed by Federal Agency)					
Relative Value Of Farmland (From Part V)	100	88	89	81	0
Total Corridor Assessment (From Part VI above or a local site assessment)	160	102	51	57	0
TOTAL POINTS (Total of above 2 lines)	260	190	140	138	0

1. Corridor Selected: Corr A/Alt 1	2. Total Acres of Farmlands to be Converted by Project: 126.2	3. Date Of Selection: 7/30/19	4. Was A Local Site Assessment Used? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
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5. Reason For Selection:

On Part III, A represents new right of way acquisition and C represents existing right of way plus new acquisition areas.

Signature of Person Completing this Part: Rebecca Thompson (Qk4, consultant) DATE **8/9/19**

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



United States Department of Agriculture

Natural Resources Conservation Service
USDA Service Center
1000 Commonwealth Drive
Mayfield, KY 42066

June 24, 2019

Rebecca Thompson
Qk4, Inc.
2225 Lawrenceburg Road
Frankfort, KY 40601

RE: US HWY 60 ALTERNATIVES

Dear Ms. Thompson:

Enclosed is the Farmland Protection Policy Act (FPPA) site assessment for the proposed US Highway 60 alternatives in Ballard and McCracken County, Kentucky. The project is located on the La Center KY 7.5 minute USGS quadrangle with all proposed alternatives starting at the West at -88.954996W and 37.077749N for all proposed alternatives.

After reviewing the shapefiles of the proposed project area, it was determined that it has the potential to impact several acres of PRIME FARMLAND and FARMLAND OF STATEWIDE IMPORTANCE soils.

Alternative 1 has a relative LESA value of **88**, as based on a scale of 0 to 100 points (*see CPA-106*). The percentage of farmland in Ballard and McCracken County having the same or higher value is 49.0%. The percentage of Ballard and McCracken County farmland to be converted by the proposed action is 0.075%.

Alternative 2 has a relative LESA value of **89**, as based on a scale of 0 to 100 points (*see CPA-106*). The percentage of farmland in Ballard and McCracken County having the same or higher value is 49.0%. The percentage of Ballard and McCracken County farmland to be converted by the proposed action is 0.058%.

Alternative 3 has a relative LESA value of **81**, as based on a scale of 0 to 100 points (*see CPA-106*). The percentage of farmland in Ballard and McCracken County having the same or higher value is 66.7%. The percentage of Ballard and McCracken County farmland to be converted by the proposed action is 0.070%.

Please do not hesitate to contact me if I may be of additional assistance.

Sincerely,

Perri Pedley
Soil Scientist
Perri.Pedley@ky.usda.gov

Enclosures

US Highway 60 Alternate 1

Ballard/McCracken County, KY

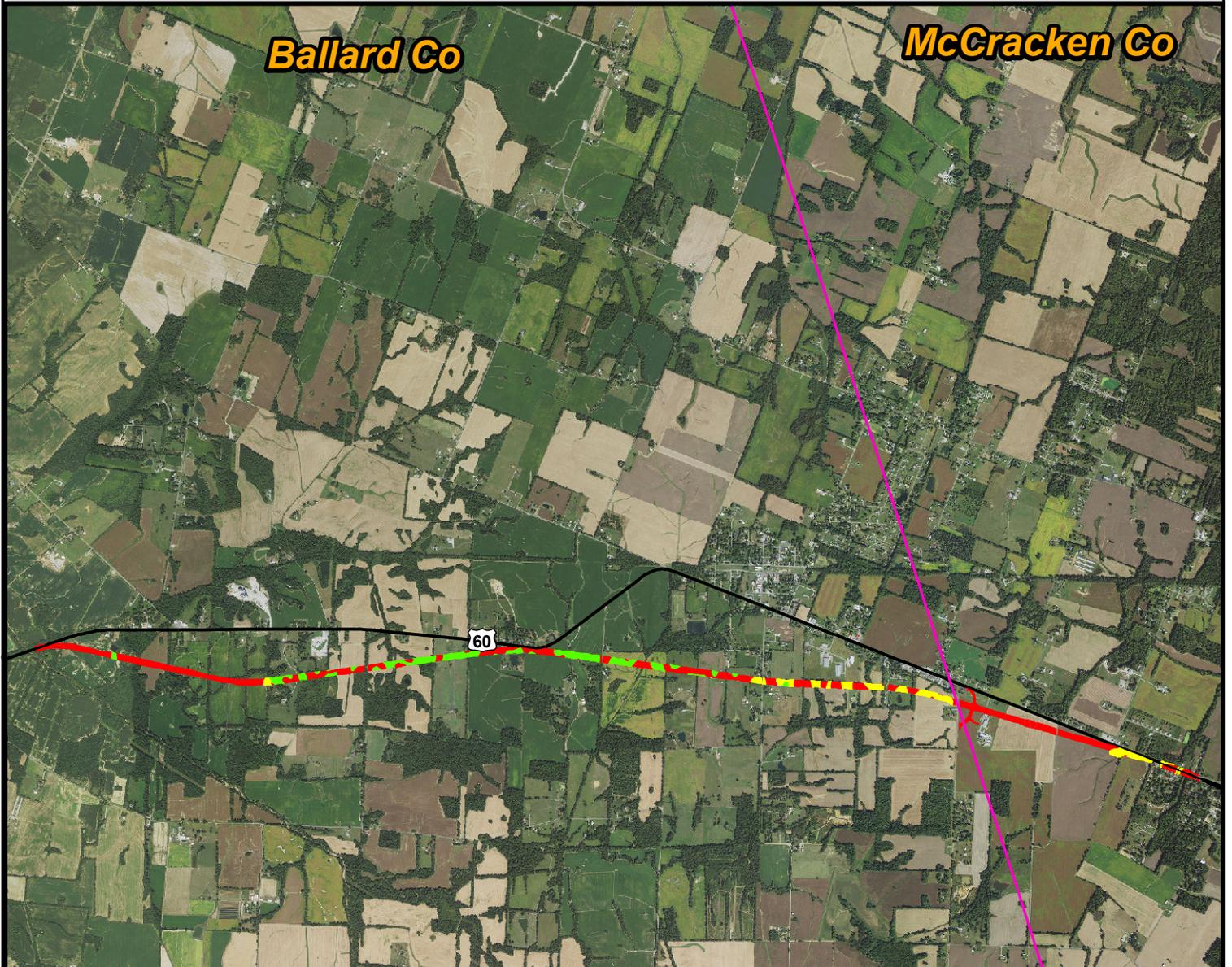
Graphic Scale

1:51,000



Ballard Co

McCracken Co



US HWY 60-ALT 1

LESA Data

Map symbol	Map Unit Name	Acres	Farmland Determination	Ag Group	Agricultural Group	Relative Value	Site Acres per Ag Group	Product-Rel value & Acres
CaA	Calloway silt loam, 0 to 2 percent slopes	16.68	Prime farmland if drained	2	1	100	7.19	718.53
CaB2	Calloway silt loam, 2 to 4 percent slopes, eroded	5.12	All areas are prime farmland	4	2	90	59.13	5321.89
ChA	Center silt loam, 0 to 2 percent slopes	0.82	All areas are prime farmland	2	3	85	15.82	1344.95
ChB	Center silt loam, 2 to 5 percent slopes	1.59	All areas are prime farmland	2	4	81	5.12	414.44
Fa	Falaya-Collins complex, 0 to 2 percent slopes, occasionally flooded	5.54	Prime farmland if drained	1	5	80	0.77	61.66
FeB	Feliciana silt loam, 2 to 6 percent slopes	1.65	All areas are prime farmland	1	6	69	0.00	0.00
FeC3	Feliciana silt loam, 6 to 12 percent slopes, severely eroded	0.77	Farmland of statewide importance	5	7	46	0.00	0.00
GrA	Grenada silt loam, 0 to 2 percent slopes	1.75	All areas are prime farmland	2	8	0	0.00	0.00
GrB2	Grenada silt loam, 2 to 6 percent slopes, eroded	38.29	All areas are prime farmland	2	9	0	0.00	0.00
GrB3	Grenada silt loam, 4 to 6 percent slopes, severely eroded	15.82	Farmland of statewide importance	3				
Totals							88.03	7,753.21

TOTAL	88.03	AVERAGE SITE VALUE	88
Acres of Prime & Unique Farmland	71.43		
Acres of Statewide & Local Important Farmland	16.59		
Percentage of Farmland in County to Be Converted	0.075		
Percentage of Farmland in County with Same or Higher Value	49.0		

Farmland Classification

Prime Farmland

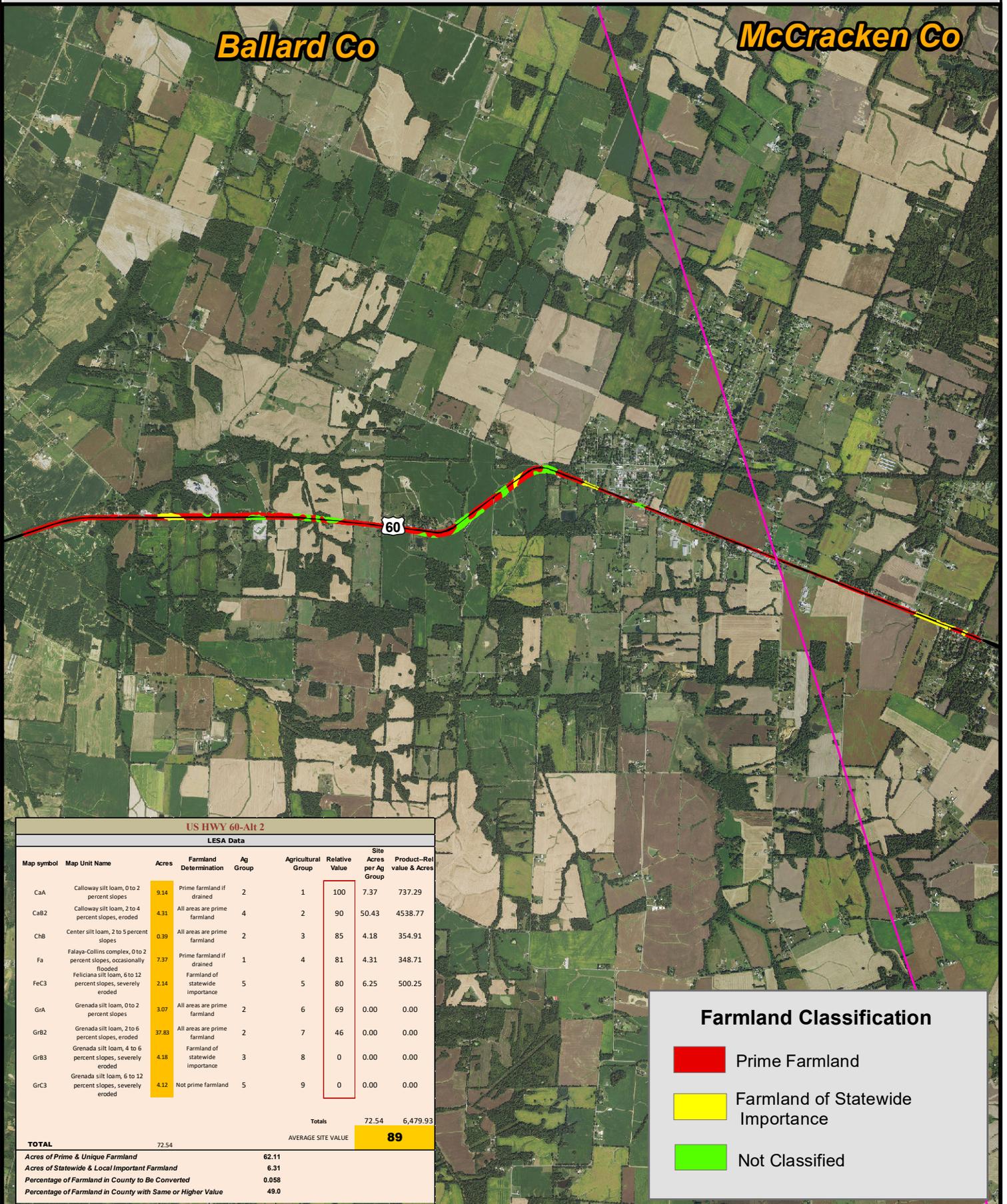
Farmland of Statewide Importance

Not Classified

**US Highway 60
Alternate 2**
Ballard/McCracken County, KY

Graphic Scale

1:51,000



US HWY 60-Alt 2

LESA Data

Map symbol	Map Unit Name	Acres	Farmland Determination	Ag Group	Agricultural Group	Relative Value	Site Acres per Ag Group	Product-Rel value & Acres
CaA	Calloway silt loam, 0 to 2 percent slopes	9.14	Prime farmland if drained	2	1	100	7.37	737.29
CaB2	Calloway silt loam, 2 to 4 percent slopes, eroded	4.31	All areas are prime farmland	4	2	90	50.43	4538.77
ChB	Center silt loam, 2 to 5 percent slopes	0.39	All areas are prime farmland	2	3	85	4.18	354.91
Fa	Falaya-Collins complex, 0 to 2 percent slopes, occasionally flooded	7.37	Prime farmland if drained	1	4	81	4.31	348.71
FeC3	Feliciana silt loam, 6 to 12 percent slopes, severely eroded	2.14	Farmland of statewide importance	5	5	80	6.25	500.25
GrA	Grenada silt loam, 0 to 2 percent slopes	3.07	All areas are prime farmland	2	6	69	0.00	0.00
GrB2	Grenada silt loam, 2 to 6 percent slopes, eroded	37.83	All areas are prime farmland	2	7	46	0.00	0.00
GrB3	Grenada silt loam, 4 to 6 percent slopes, severely eroded	4.18	Farmland of statewide importance	3	8	0	0.00	0.00
GrC3	Grenada silt loam, 6 to 12 percent slopes, severely eroded	4.12	Not prime farmland	5	9	0	0.00	0.00
Totals							72.54	6,479.93
TOTAL		72.54			AVERAGE SITE VALUE		89	

Farmland Classification

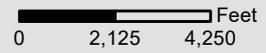
- Prime Farmland
- Farmland of Statewide Importance
- Not Classified

Acres of Prime & Unique Farmland 62.11
 Acres of Statewide & Local Important Farmland 6.31
 Percentage of Farmland in County to Be Converted 0.058
 Percentage of Farmland in County with Same or Higher Value 49.0

**US Highway 60
Alternate 3**
Ballard/McCracken County, KY

Graphic Scale

1:51,000



Ballard Co

McCracken Co

60

US HWY 60-ALT 3

LESA Data

Map symbol	Map Unit Name	Acres	Farmland Determination	Ag Group	Agricultural Group	Relative Value	Site Acres per Ag Group	Product-Rel value & Acres
CaA	Calloway silt loam, 0 to 2 percent slopes	14.42	Prime farmland if drained	2	1	100	20.72	2072.26
CaB2	Calloway silt loam, 2 to 4 percent slopes, eroded	6.92	All areas are prime farmland	4	2	90	43.79	3941.26
Fa	Falaya-Collins complex, 0 to 2 percent slopes, occasionally flooded	14.96	Prime farmland if drained	1	3	85	8.53	724.66
GrA	Grenada silt loam, 0 to 2 percent slopes	0.08	All areas are prime farmland	2	4	81	8.73	706.82
GrB2	Grenada silt loam, 2 to 6 percent slopes, eroded	24.44	All areas are prime farmland	2	5	80	3.23	258.72
GrB3	Grenada silt loam, 4 to 6 percent slopes, severely eroded	8.53	Farmland of statewide importance	3	6	69	0.00	0.00
GrC3	Grenada silt loam, 6 to 12 percent slopes, severely eroded	3.23	Not prime farmland	5	7	46	0.00	0.00
LoB2	Loring silt loam, 2 to 6 percent slopes, eroded	4.86	All areas are prime farmland	2	8	0	8.89	0.00
LpD3	Loring-Purchase complex, 12 to 20 percent slopes, severely eroded	8.89	Not prime farmland	8	9	0	0.07	0.00
RTA	Routon silt loam, 0 to 2 percent slopes	0.11	Prime farmland if drained	4				
UdC	Udorthents-Urban land, 0 to 25 percent slopes	0.07	Not prime farmland	9				
Vb	Vicksburg silt loam, 0 to 2 percent slopes, occasionally flooded	5.76	All areas are prime farmland	1				
Wa	Waverly silt loam, 0 to 2 percent slopes, occasionally flooded	1.69	Prime farmland if drained	4				
Totals							93.96	7,615.27
TOTAL		93.96				AVERAGE SITE VALUE	81	
Acres of Prime & Unique Farmland				73.24				
Acres of Statewide & Local Important Farmland				8.53				
Percentage of Farmland in County to Be Converted				0.070				
Percentage of Farmland in County with Same or Higher Value				66.7				

Farmland Classification

- Prime Farmland
- Farmland of Statewide Importance
- Not Classified