

NRCS Farmland Coordination Letter



April 27, 2011

Scott Larsen
Area Resource Soil Scientist
Natural Resources Conservation Service
6465 Highway 168, Suite B
Palmyra, MO 63461-9604

Re: Farmland Conversion Impact Rating
Ameren Missouri, Proposed Callaway County Connector
Burns & McDonnell Project No. 51245

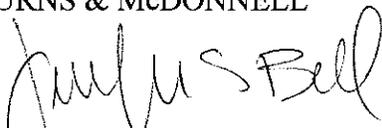
Dear Mr. Larsen:

Burns & McDonnell Engineering Company, Inc. respectfully re-submits the attached Farmland Conversion Impact Rating Form for Corridor Type Projects (NRCS-CPA-106) for the proposed Callaway County Connector project. An alternate route, referred to as the Southern Alternative, has been identified south of the Preferred Alternative. The Preferred Alternative is 11.92 miles and the Southern Alternative is 13.14 miles long. Currently, a 500 ft corridor is being evaluated for the proposed project. The corridor for the Preferred Alternative consists of 727 acres, 607 acres of which consist of prime and statewide important soils. The corridor for the Southern Alternative consists of 801 acres, 647 acres of which consist of prime and statewide important soils. While the actual impact to farmland will be less, it is assumed that the entire 500 ft corridor would be permanently impacted for purposes of this farmland impact evaluation.

Enclosed for your review is a copy of the Farmland Conversion Impact Rating form with the acreages for the Preferred Alternative (Corridor A) and the Southern Alternative (Corridor B). A map showing the Preferred and Southern Alternatives for the proposed project is also enclosed. Upon receipt of the Form NRCS-CPA-106, we ask that you calculate parts II, IV, and V of the form so that we can evaluate the impacts related to prime and important farmland for the revised route. If you have any questions or require additional information, please contact me at (816) 333-9400 or by email at jbelle@burnsmcd.com.

Sincerely,

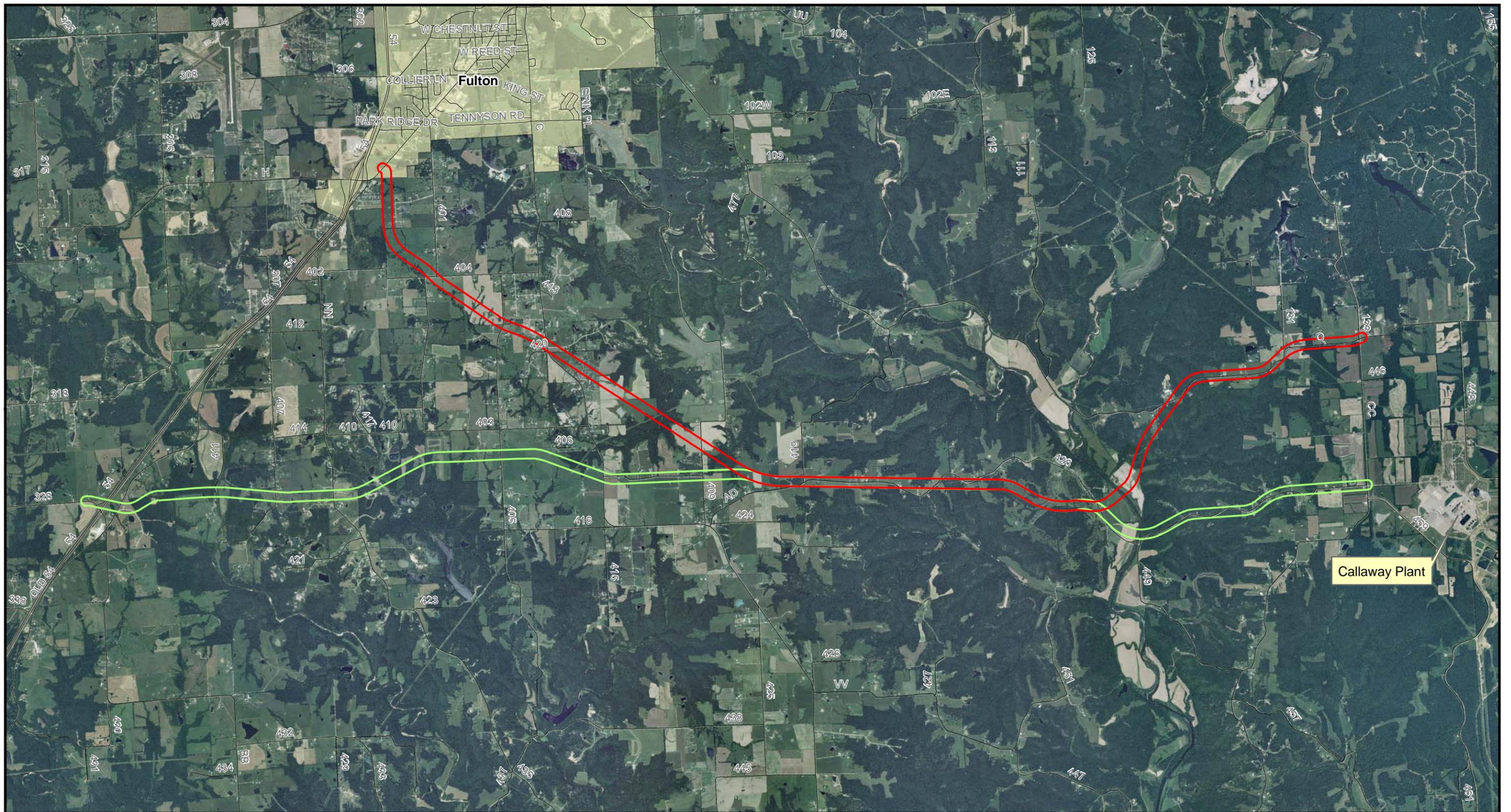
BURNS & McDONNELL



Jennifer Bell
Environmental Scientist

Enclosures (2)
cc: Robert Hagedorn, DC, NRCS, Columbia, MO

esprvdata\projects\Amenen-Callaway\51245\GIS\ArcDocs\51245_Amenen_Callaway_Prefered_Route_for_Soils_Revised_04_27_2011.mxd Revised: April 27, 2011



Source: USDA NAIP 2009 Aerial Photography; MoDOT



- Preferred Alternative Corridor
- Southern Alternative Corridor



Preferred and Alternate Routes
Callaway County Connector

April 27, 2011

NRCS Farmland Coordination Response



6465 Highway 168, Suite B, Palmyra, MO 63461-9604

May 16, 2011

Jennifer Bell
Burns & McDonnell
9400 Ward Parkway
Kansas City, MO 64114-3319

Dear Ms. Bell,

Attached is a Farmland Conversion Impact Rating (form AD-1006) for the Proposed AmerenUE, Callaway County connector, the preferred 11.92 mile route and the 13.14 mile Southern Alternative route Burns & McDonnell Project No. 51245, in Callaway County, Missouri. After you complete the form, please return one copy for our records.

Please note that if the Total Points (Parts V & VI) in Part VII exceeds 160, alternative sites should be considered. Two alternatives are required if the score is between 160-220, and three alternatives are required if the score is over 220.

If you have any questions, please call me (573) 769-3512 ext. 133.

Sincerely,



Scott Larsen
Area Resource Soil Scientist

Attachment

cc: Robert Hagedorn, DC, NRCS, Columbia, MO

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

PART I (To be completed by Federal Agency)		3. Date of Land Evaluation Request 4/27/11	4. Sheet 1 of 1
1. Name of Project Callaway County Connector Project		5. Federal Agency Involved Federal Highway Administration (FHWA)	
2. Type of Project Highway Construction		6. County and State Callaway County, Missouri	
PART II (To be completed by NRCS)		1. Date Request Received by NRCS 5/2/11	2. Person Completing Form Scott Larsen - ARSS
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 215	
5. Major Crop(s) Corn and Soybean	6. Farmable Land in Government Jurisdiction Acres: 534,532 % 98.6	7. Amount of Farmland As Defined in FPPA Acres: 392,871 % 72.4	
8. Name Of Land Evaluation System Used LESA	9. Name of Local Site Assessment System -	10. Date Land Evaluation Returned by NRCS 5/16/11	

PART III (To be completed by Federal Agency)	Alternative Corridor For Segment			
	Corridor A	Corridor B	Corridor C	Corridor D
A. Total Acres To Be Converted Directly				
B. Total Acres To Be Converted Indirectly, Or To Receive Services	727	801		
C. Total Acres In Corridor	727	801	0	0

PART IV (To be completed by NRCS) Land Evaluation Information				
A. Total Acres Prime And Unique Farmland	285	181		
B. Total Acres Statewide And Local Important Farmland	322	470		
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted	0.14	0.15		
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value	70.8	71.4		

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)				
	60	57		

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

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

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

Signature of Person Completing this Part: _____ DATE _____

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

Completed NRCS-CPA-106 Form

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

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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 215	
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8. Name Of Land Evaluation System Used LESA	9. Name of Local Site Assessment System -	10. Date Land Evaluation Returned by NRCS 5/16/11	

PART III (To be completed by Federal Agency)	Alternative Corridor For Segment			
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C. Total Acres In Corridor	727	801	0	0

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A. Total Acres Prime And Unique Farmland	285	181		
B. Total Acres Statewide And Local Important Farmland	322	470		
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted	0.14	0.15		
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value	70.8	71.4		

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)	Corridor A	Corridor B	Corridor C	Corridor D
	60	57		

PART VI (To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))	Maximum Points	Corridor A	Corridor B	Corridor C	Corridor D
1. Area in Nonurban Use	15	14	15		
2. Perimeter in Nonurban Use	10	9	10		
3. Percent Of Corridor Being Farmed	20	10	10		
4. Protection Provided By State And Local Government	20	0	0		
5. Size of Present Farm Unit Compared To Average	10	6	6		
6. Creation Of Nonfarmable Farmland	25	25	25		
7. Availability Of Farm Support Services	5	5	5		
8. On-Farm Investments	20	0	0		
9. Effects Of Conversion On Farm Support Services	25	10	10		
10. Compatibility With Existing Agricultural Use	10	10	10		
TOTAL CORRIDOR ASSESSMENT POINTS	160	0 89	0	0	0

PART VII (To be completed by Federal Agency)	Corridor A	Corridor B	Corridor C	Corridor D
Relative Value Of Farmland (From Part V)	100	60	57	
Total Corridor Assessment (From Part VI above or a local site assessment)	160	0 89	0 91	0
TOTAL POINTS (Total of above 2 lines)	260	0 149	0 148	0

1. Corridor Selected:	2. Total Acres of Farmlands to be Converted by Project:	3. Date Of Selection:	4. Was A Local Site Assessment Used? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
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5. Reason For Selection:
The proposed conversions is consistent with the FPPA and the total points are under 160.

Signature of Person Completing this Part: _____ DATE _____

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