

LEGEND

YEAR OF CRASH	COUNTY CRASH NUMBER	TYPE OF ACCIDENT	INJURIES
---------------	---------------------	------------------	----------

APPROXIMATE ACCIDENT LOCATION

2018	MC18124A	ANIMAL	PDO
2015	MC15028A	OVERTURNED	PDO
2019	MC19080A	ANIMAL	PDO
2017	MC17180A	ANIMAL	PDO
2018	NONE	OVERTURNED	PDO
2016	MC16007A	OVERTURNED	PDO
2017	MC17041A	ANIMAL	PDO
2018	MC18145A	FIXED OBJECT	B
2014	MC14062A	OVERTURNED	B
2014	MC14206A	OVERTURNED	B

EXISTING WESTERN AVE. (C.H. 6)

CL PROPOSED RELOCATED WESTERN AVE. (C.H. 6)

END PROPOSED IMPROVEMENT STATION 85+00

BEGIN PROPOSED IMPROVEMENT STATION 30+00

Exhibit E-5

2014-2019 Crash Data*				
Date	Accident Number	Injuries	Crash Type	Marshall Co. Sheriff's Notes
4/17/2014	MC14062A	B-Injury	Overtuned	Single Vehicle rollover / Western Rd @ Co Rd 1130 E
12/5/2014	MC14206A	B-Injury	Overtuned	Single Vehicle rollover / Western Rd @ East Curve
1/30/2015	MC15028A	PDO	Overtuned	Single Vehicle rollover / Second Curve by Gregor's
1/3/2016	MC16007A	PDO	Overtuned	Single Vehicle rollover / Western Rd @ East Curve
3/29/2017	MC17041A	PDO	Animal	Car vs. Deer / Western Rd @ East Curve
11/15/2017	MC17180A	PDO	Animal	Car vs. Deer / Western Rd @ Second Curve Gregor's
1/17/2018	No Number	PDO	Overtuned	Single Vehicle rollover / Western Rd @ East Curve
9/14/2018	MC18145A	B-Injury	Fixed Object	DUI (Injury) / Hit Bridge - 300' East of 1078 Western Rd
5/18/2019	MC19080A	PDO	Animal	Car vs. Deer / 1116 Western Road
*Source: Marshall County Sheriff's Department				

HORIZONTAL ALIGNMENT (EXISTING)

CURVE EXISTING PI STATION	(L) LENGTH (FEET)	(R) RADIUS (FEET)	DELTA	EXIST. PLAN SUPER. ('')	PROP. SUPER. ('')	PROP TRANS		CALCULATED DESIGN SPEED (MPH)
						RUNOUT	RUNOFF	
POB 125+10								
PI 144+51.92	405.73	358.17	64°54'15" RT	0.083				35
PI 150+86.12	120.15	716.34	9°36'36" LT	0.083				45
PI 160+79.31	276.48	220.37	71°53'05" LT	0.083				25
PI 167+06.71	581.47	716.34	46°30'30" LT	0.083				45
PI 174+85.45	210.51	204.63	58°56'33" RT	0.083				25
PI 179+09.80	166.48	818.64	11°39'05" LT	0.083				45
PI 186+18.38	477.14	2864.98	9°32'32" LT	0.024				35
PI 193+54.87	315.14	716.34	25°12'22" RT	0.083				45
POT 200+13.26								
PI 226+98.22	NO	CURVE	0°34'03" LT					
POE 253+65.00								

HORIZONTAL ALIGNMENT (PROPOSED)

CURVE EXISTING PI STATION	(L) LENGTH (FEET)	(R) RADIUS (FEET)	DELTA	EXIST. PLAN SUPER. ('')	PROP. SUPER. ('')	PROP TRANS		CALCULATED DESIGN SPEED (MPH)
						RUNOUT	RUNOFF	
POB 30+00								
PI 42+18.84	399.06	2864.79	6^46'52" LT		4.0%	33	88	50
PI 63+78.22	1116.86	3819.72	16^45"10" RT		3.5%	35	77	50
PI 78+25.68	504.9	2864.79	10^05'52" LT		4.0%	33	88	50
POE 85+00								

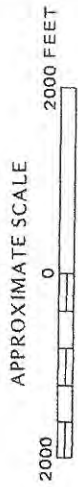
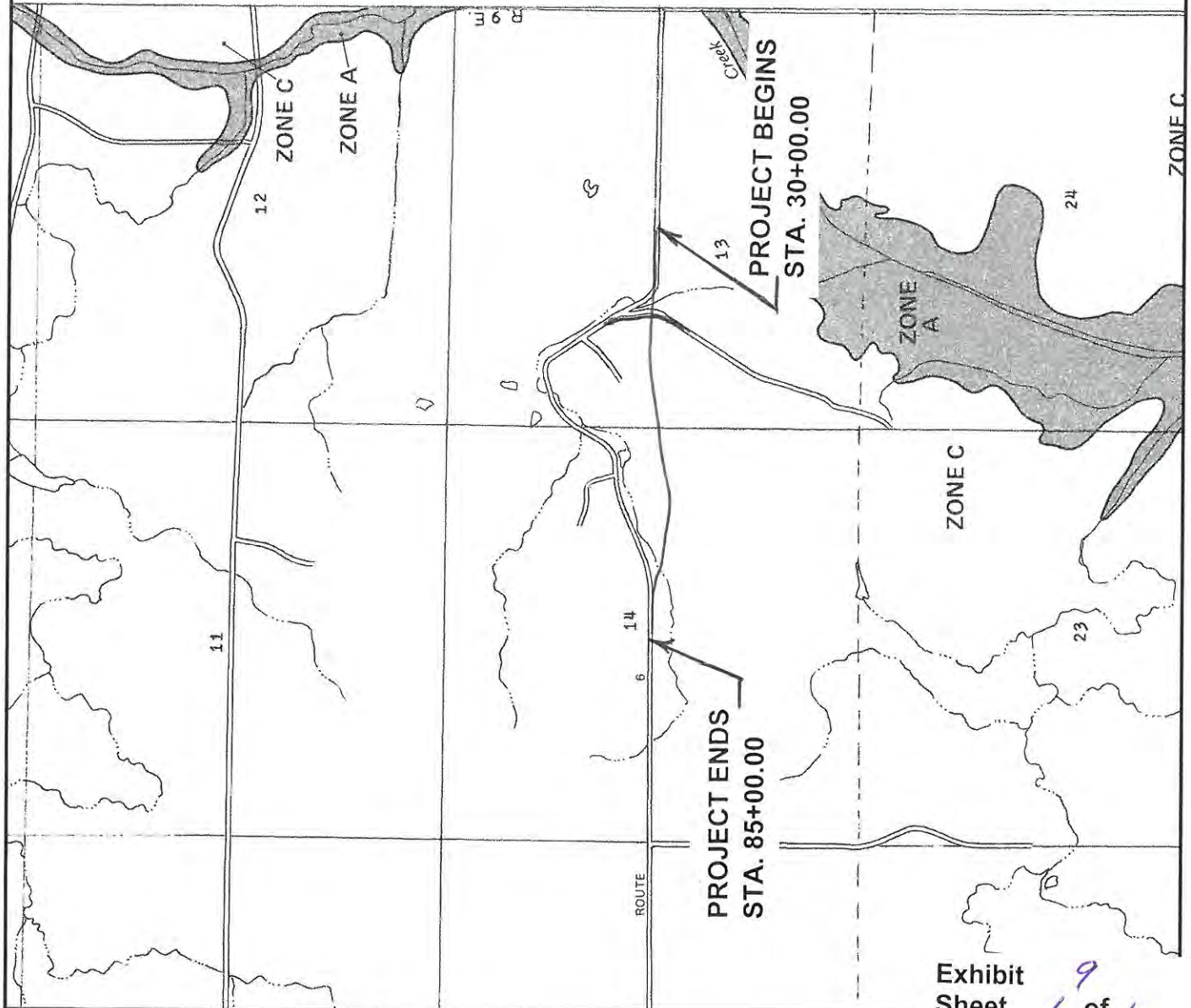
Figure 29-3D PG 29-3-9

VERTICAL ALIGNMENT (EXISTING)

VPI STATION	TYPE	ELEV	GRADE (%)	LENGTH (FEET)	A	K	DESIGN SPEED (MPH)
135+00.00	POB	380.93					
			0.66				
138+00.00	sag	382.91		200	-0.9000	222.2222	77.77623
			1.56				
144+00.00	crest	392.27		200	0.2209	905.3498	115.9163
			1.3391				
155+00.00	sag	407.00		200	-0.5109	391.4591	104.9605
			1.8500				
161+00.00	crest	418.10		100	1.1167	89.55224	51.01089
			0.7333				
164+00.00	sag	420.30		100	-0.8542	117.0732	55.39862
			1.5875				
172+00.00	sag	433.00		200	-2.1925	91.22007	48.54332
			3.7800				
177+00.00	crest	451.90		100	4.0800	24.5098	32.21098
			-0.3000				
180+00.00	sag	451.00		100	-2.1571	46.35762	33.92361
			1.8571				
187+00.00	crest	464.00		200	-1.1429	175	64.69878
			3.0000				
193+00.00	sag	482.00		200	-4.6621	42.89941	32.55947
			7.6621				
198+80.00	crest	526.44		460	8.4280	54.5798	42.79225
			-0.7660				
203+50.00	sag	522.84		400	-2.6060	153.4944	63.94036
			1.8400				
208+00.00	crest	531.12		300	4.0400	74.25743	47.73146
			-2.2000				
213+00.00	sag	520.12		400	-5.5200	72.46377	42.97398
			3.3200				
220+50.00	POE	545.02		0	0.0000	0	0

VERTICAL ALIGNMENT (PROPOSED)

VPI STATION	TYPE	ELEV	GRADE (%)	LENGTH (FEET)	A	K	DESIGN SPEED (MPH)	
EQ BK 138+98.70								
30+00.00	POB	490.32						
			1.57					
31+00.00	sag	491.89		200	-0.7833	255.3191	50	83.70811
			2.3533					
34+00.00	crest	498.95		300	1.2533	239.3617	50	72.30275
			1.1000					
39+50.00	sag	505.00		500	-4.9000	102.0408	50	51.5113
			6.0000					
59+50.00	crest	625.00		700	8.0000	87.5	50	50.59303
			-2.0000					
70+00.00	sag	604.00		500	-5.0000	100	50	50.96331
			3.0000					
79+00.00	crest	631.00		300	3.2857	91.30435	50	51.36279
			-0.2857					
82+50.00	sag	630.00		300	-1.7217	174.2449	50	68.37979
			1.4360					
85+00.00	POE	633.59		0	0.0000	0	0	0



NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

COUNTY OF
MARSHALL,
ILLINOIS
UNINCORPORATED AREAS

PANEL 25 OF 150

COMMUNITY PANEL NUMBER
170994 0025 B

EFFECTIVE DATE:
FEBRUARY 1, 1984



Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

RIGHT OF WAY SUMMARY

Number	NAME	Parcel #	Address	Character of Land	Width of Taking	Exist Area Acres	ROW Required. Acres	Temporary Easement Required. Sq. Ft.
1	Alan C Hare & Sandra Hare	02-14-300-004	1033 Western Rd, Henry, IL 61537	Open Pasture / Timber	20' & Varies	8.73	0.16	
2	David Kocher & Jovonna L.Kocher	02-14-400-005	Douglas & Polly RR, Henry, IL 61537	Timber / Agricultural	340' & Varies	63.27	14.75	
	David Kocher & Jovonna L.Kocher	02-13-300-003	Douglas & Polly RR, Henry, IL 61537	Open Pasture / Timber	225' & Varies	254.12	5.77	
3	Richard Willstead	02-14-200-006	1091 Western Rd, Henry, IL 61537	Open Pasture / Timber	30' & Varies	16.05	0.53	
4	Kevin K Huck	02-13-100-011	1271 County Road 1130E, Henry, IL 61537	Open Pasture / Timber	50' & Varies	26.07	1.39	
5	Roberta A Bogner	02-13-100-012	910 School St, Henry, IL 61537	Open Pasture		3.28	none	
6	Harry Leffers & Donna Harry	02-13-100-014	1700 Old Indiantown Rd, Henry, IL 61537	Agricultural		16.05	none	
7	Orin Rowe	02-13-100-06	844 Western Rd, Henry, IL 61537	Open Pasture	200' & Varies	1.10	1.36	
8	John Harrison & Bettyann Harrison	02-14-200-003	1068 Western Rd, Henry, IL 61537	Residential		7.14	none	
9	John Maubach	02-14-200-002	1352 County Road 1500E, Henry, IL 61537	Timber		38.4	none	
10	Keneth Sendelback	02-14-100-001	1147 LaPrairie Rd, Wyoming, IL 61491	Agricultural		160	none	
11	Mark C Gregor	02-13-100-008 & 004	P.O.Box 67, Henry, IL 61537	Timber / Residential		2.74	none	
12	Randall L Salisbury & Denise L Salsbury	02-13-100-013	760 County Rd 700N, Sparland, IL 61565	Agricultural		62.85	none	
13	Kent A Russell & Lori J Russell	02-13-100-001	1116 Western Rd, Henry, IL 61537	Timber		36.9	none	
14	Lewis J Simpkins & Rita Simpkins	02-13-100-002	1094 Western Rd, Henry, IL 61537	Timber		3.1	none	
	Lewis J Simpkins & Rita Simpkins	02-14-200-005	1094 Western Rd, Henry, IL 61537	Timber / Residential		11.15	none	
	Total Acres						23.960	0.000



03-64-01
CORRSP.

Hampton, Lenzini and Renwick, Inc.
Civil Engineers • Structural Engineers • Land Surveyors
www.hltreengineering.com

May 6, 2010
Springfield, Illinois

United States Department of Agriculture
Natural Resources Conservation Service
1902 Fox Drive
Champaign, Illinois 61820

Attention: State Soil Scientist

Re: FAS 372/CH6/Western Avenue
Marshall County
Section 99-00080-00-FP

Dear Sir:

In accordance with Illinois Farmland Preservation Act we are informing you of the proposed reconstruction and realignment of a portion of FAS 372/CH6/Western Avenue in Marshall County, Illinois. The project begins approximately 2.5 miles west of the intersection of IL Route 29 and Western Avenue (CH6) in Henry, Illinois, and proceeds in a westerly direction for 5500 feet (1.042 miles) ending approximately 3.5 miles east of the intersection of Western Avenue (CH6) and CH7. The general location of the project is shown on the attached location map. The general project is to construct a 2-lane highway on a new alignment. The new horizontal and vertical alignment will eliminate a winding and steep portion of the existing roadway.

Attached for your information are plan and profile sheets for the project, and an exhibit upon which are shown: 1) the alignment of the highway, 2) the proposed right-of-way limits, and 3) contours of soil types being traversed by the project. Table 1 attached is a tabulation of the land classes, soil types, and acreage required of each, by proposed right-of-way. As noted a total of about 23.960 acres will need to be acquired from six parcels for this project. A set of ground level photographs are also included.

Our information appears to indicate that six farm units would be affected/severed. Attached is a Right-of-Way Summary sheet indicating the amount of right of way required and the land use. No property will be landlocked and field/private entrances will be provided as necessary.

380 Shepard Drive
Elgin, Illinois 60123-7010
Tel. 847-697-6700
Fax 847-697-6753

3085 Stevenson Drive, Suite 201
Springfield, Illinois 62703
Tel. 217-546-3400
Fax 217-546-8116

Exhibit E-11
Sheet 1 of 4

USDA
Natural Resources Conservation Service
May 6, 2010
Page 2

Every effort has been made to minimize the impact of the proposed project on farmland. Included with this submittal is a partially completed form AD-1006 for your information and input.

You will note that two sets of attachments are being transmitted. Following completion of your review /input, please forward one set to the Illinois Department of Agriculture.

If you need any additional information, please contact me in our Springfield office.

Sincerely,

HAMPTON, LENZINI AND RENWICK, INC.



Louis F. Stauder, P.E.

LFS:jab
Enclosure
cc: George Meister, w/enc.
P:\03\03640001\Docs\03-64-01.007 USDA.docx

U.S. Department of Agriculture

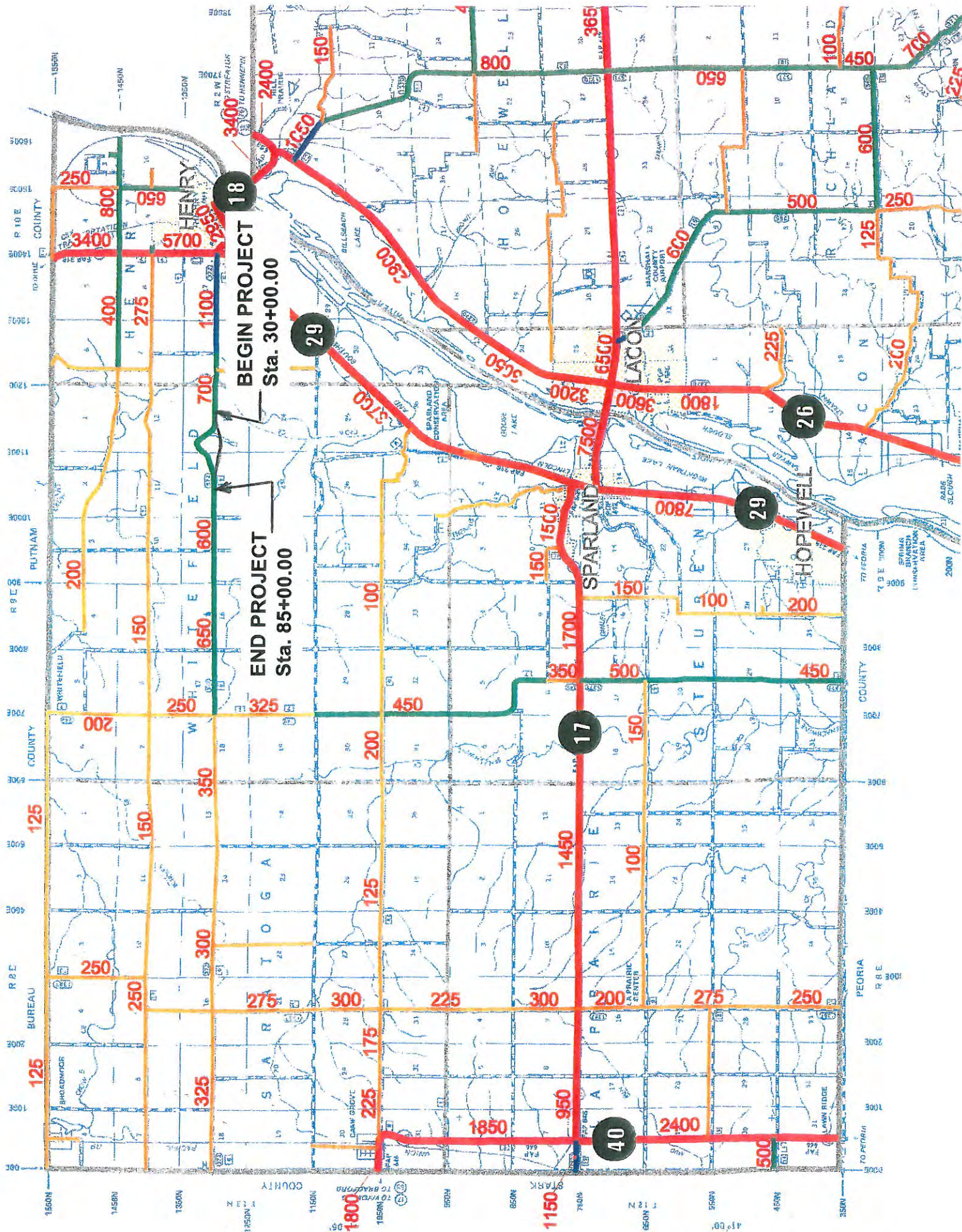
FARMLAND CONVERSION IMPACT RATING

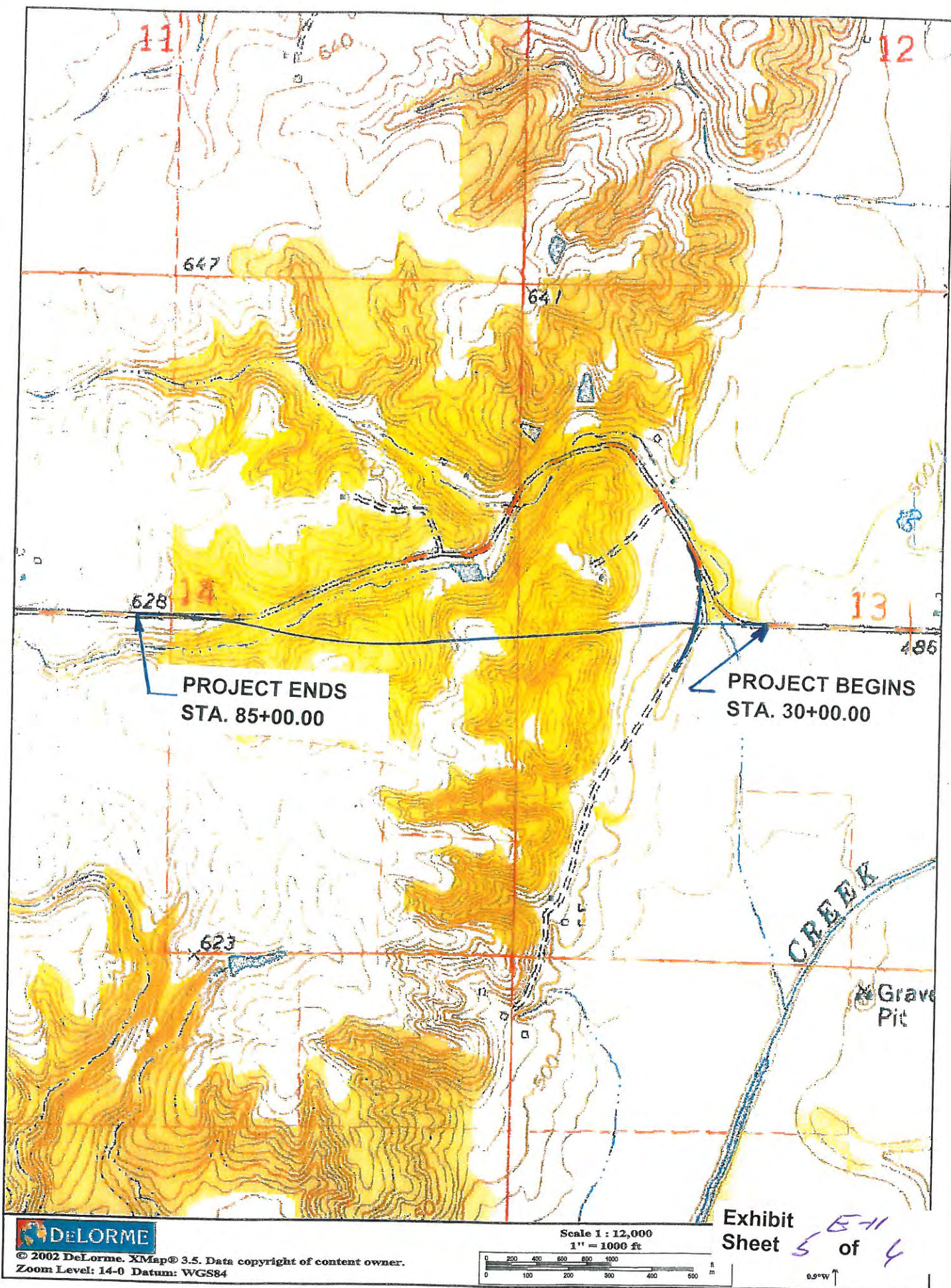
PART I (To be completed by Federal Agency)		Date Of Land Evaluation Request			
Name Of Project FAS 372(CH6\Western Ave.) Sec.99-00080-00-FP		Federal Agency Involved Federal Highway Administration			
Proposed Land Use Road Right of Way		County And State Marshall County Illinois			
PART II (To be completed by NRCS)		Date Request Received By NRCS			
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 type="checkbox"/>	No <input type="checkbox"/>	Acres Irrigated	Average Farm Size
Major Crop(s)	Farmable Land In Govt. Jurisdiction Acres: %			Amount Of Farmland As Defined in FPPA Acres: %	
Name Of Land Evaluation System Used	Name Of Local Site Assessment System	Date Land Evaluation Returned By NRCS			
PART III (To be completed by Federal Agency)		Alternative Site Rating			
		Site A	Site B	Site C	Site D
A. Total Acres To Be Converted Directly		24.0			
B. Total Acres To Be Converted Indirectly					
C. Total Acres In Site		24.0	0.0	0.0	0.0
PART IV (To be completed by NRCS) Land Evaluation Information					
A. Total Acres Prime And Unique Farmland					
B. Total Acres Statewide And Local Important Farmland					
C. Percentage Of Farmland In County Or Local Govt. Unit To Be Converted					
D. Percentage Of Farmland In Govt. Jurisdiction With Same Or Higher Relative Value					
PART V (To be completed by NRCS) Land Evaluation Criterion Relative Value Of Farmland To Be Converted (Scale of 0 to 100 Points)		0	0	0	0
PART VI (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					
TOTAL SITE ASSESSMENT POINTS		160	0	0	0
PART VII (To be completed by Federal Agency)					
Relative Value Of Farmland (From Part V)		100	0	0	0
Total Site Assessment (From Part VI above or a local site assessment)		160	0	0	0
TOTAL POINTS (Total of above 2 lines)		260	0	0	0
Site Selected:		Date Of Selection		Was A Local Site Assessment Used? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Reason For Selection:					

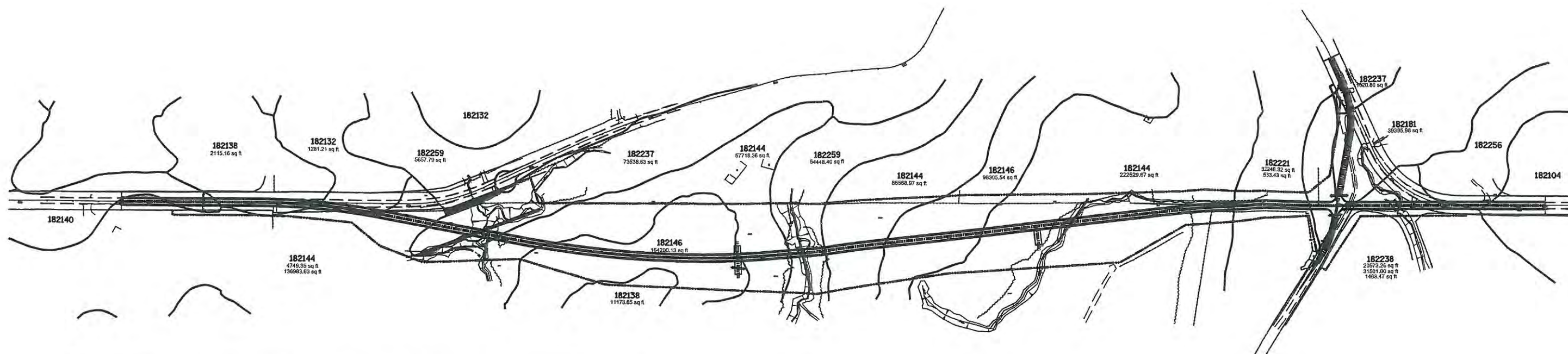
(See Instructions on reverse side)

This form was electronically produced by National Production Services Staff

 Exhibit **E-11**
 Sheet **3** of **4**
 Form AD-1000







MARSHALL COUNTY ILLINOIS (IL123)				
MAP UNIT SYMBOL		MAP UNIT NAME	ACRES IN AOI	PERCENT OF AOI
199A	182104	PLANO SILT LOAM, 0 TO 2 PERCENT SLOPES	0.00	0.00%
88C2	182256	SPARTA LOAMY SAND, 7 TO 15 PERCENT SLOPES, ERODED	0.00	0.00%
8074A	182238	RADFORD SILT LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	1.23	5.12%
379B	182181	DAKOTA LOAM, 2 TO 5 PERCENT SLOPES	0.90	3.77%
8073A	182237	ROSS SILT LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	1.71	7.13%
570A	182221	MARTINSVILLE SILT LOAM, 0 TO 2 PERCENT SLOPES	0.75	3.14%
618E	182144	SENACHWINE SILT LOAM, 15 TO 25 PERCENT SLOPES	11.65	48.57%
280C2	182146	FAYETTE SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED	6.03	25.12%
883F	182259	SENACHWINE-HENNEPIN COMPLEX 25 TO 35 PERCENT SLOPES	1.38	5.75%
279B	182138	ROZETTA SILT LOAM, 2 TO 5 PERCENT SLOPES	0.31	1.27%
24D2	182132	DODGE SILT LOAM, 10 TO 15 PERCENT SLOPES, ERODED	0.03	0.12%
279G2	182140	ROZETTA SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED	0.00	0.00%
TOTALS FOR AREA OF INTEREST (AOI)			23.99	100.00%

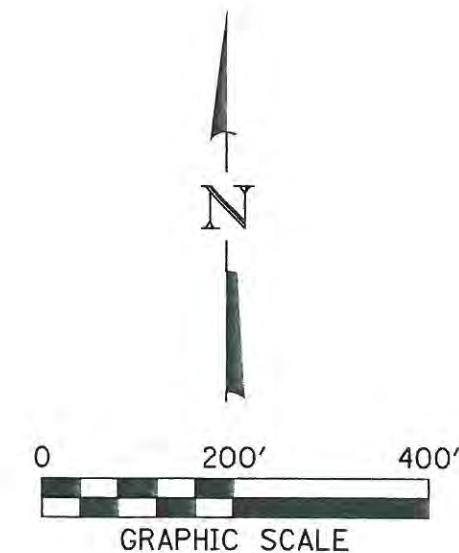


EXHIBIT E--

SOIL TYPES

SECTION 99-00080-00-FP
WESTERN AVENUE (C.H. 6)
MARSHALL COUNTY



Pat Quinn, Governor
Thomas E. Jennings, Director

Bureau of Land and Water Resources

State Fairgrounds • P.O. Box 19281 • Springfield, IL 62794-9281 • 217/782-6297 • TDD 217/524-6858 • Fax 217/557-0993

May 18, 2010

Mr. Louis F. Stauder, P.E.
Hamilton, Lenzini and Renwick, Inc.
3085 Stevenson Drive, Suite 201
Springfield, Illinois 62703

Re: Western Avenue (CH6) / FAS 372 – 24 acres
Section 99-00080-00-FP
Marshall County, Illinois
FHWA Funds
USDA NRCS Form AD-1006

RECEIVED
MAY 20 2010
HLR-SPFLD

Dear Mr. Stauder:

Thank you for notifying the Illinois Department of Agriculture (IDOA) of the proposed construction and realignment of Western Avenue (CH6) / FAS 372 in Marshall County. Our analysis relates to the Federal Farmland Protection Act (7 USC 4201 et seq.), which specifies that federal actions affecting farmland conversion shall be consistent with state and local programs to protect farmland. The project was examined for its compliance with IDOT's Agricultural Land Preservation Policy as well as the Illinois Farmland Preservation Act (505 ILCS 75/1 et seq.).

Project plans call for the extension of County Highway 6 from 2.5 miles west of the intersection of Illinois Route 29 and Western Avenue (CH6) to approximately 3.5 miles east of the intersection of IL Rt. 29/CH6, a distance of 1.042 miles (5,500 feet). The new alignment and roadway includes a 2-lane highway and a truck climbing lane to accommodate trucks hauling grain shipments and to satisfy safety issues. The new highway alignment will be 24 feet wide within a maximum corridor width of ± 190 feet. In addition, the former County Highway 6 alignment will be closed to traffic, but maintained by Marshall County to provide access the residential home sites. A total of 24 acres will be affected by the project, of which 11 cropland acres will be converted to a non-agricultural use.

Because the project has been designed to acquire the least possible amount of land to meet the safety needs of the public, the IDOA has determined that the project complies with IDOT's Agricultural Land Preservation Policy and Illinois' Farmland Preservation Act.

Enclosed are two copies of the USDA NRCS form AD-1006. One copy must be included in the project's environmental assessment; the other is for your files. Should you have any questions or comments, please contact John Lohse of my staff at 217-785-4389.

Sincerely,

Steven D. Chard, Acting Chief
Bureau of Land and Water Resources

SDC:JL

Enclosures-2

cc: Jill Ketter, Marshall-Putman County SWCD
Agency project file

Exhibit 12
Sheet 1 of 3

FARMLAND CONVERSION IMPACT RATING

(17)

PART I (To be completed by Federal Agency)		Date Of Land Evaluation Request 5/6/10	
Name Of Project FAS 372 (CH/Western Ave.) Sec. 99-00080-00-FF		Federal Agency Involved Federal Highway Administration	
Proposed Land Use Road and Right of Way		County And State Marshall, IL	
PART II (To be completed by NRCS)		Date Request Received By NRCS 5/12/10	
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 (Corridor)	Date Land Evaluation Returned By NRCS 5/14/10	
PART III (To be completed by Federal Agency)		Alternative Site Rating	
		Site A	Site B Site C Site D
A. Total Acres To Be Converted Directly		24.0	
B. Total Acres To Be Converted Indirectly			
C. Total Acres In Site		24.0	
PART IV (To be completed by NRCS) Land Evaluation Information			
A. Total Acres Prime And Unique Farmland		4.9	
B. Total Acres Statewide And Local Important Farmland		6.06	
C. Percentage Of Farmland In County Or Local Govt. Unit To Be Converted		0.00008	
D. Percentage Of Farmland In Govt. Jurisdiction With Same Or Higher Relative Value		86.0	
PART V (To be completed by NRCS) Land Evaluation Criterion			
Relative Value Of Farmland To Be Converted (Scale of 0 to 100 Points)		150	60 90
PART VI (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			
TOTAL SITE ASSESSMENT POINTS	* 150	150	60
PART VII (To be completed by Federal Agency)			
Relative Value Of Farmland (From Part V)	* 150	100	90
Total Site Assessment (From Part VI above or a local site assessment)	* 150	100	60
TOTAL POINTS (Total of above 2 lines)	* 300	200	150
Site Selected:	Date Of Selection	Was A Local Site Assessment Used? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
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.

FAS 372 (CH6/Western Avenue) Sec. 99-00080-00-FF
Marshall County, Illinois
Federal Highway Administration Funds

PART VI-B Illinois Site Assessment <i>CORRIDOR</i> Factors	Maximum Points	Site A
1. Amount of agricultural land required	30	24
2. Location of the proposed alignment	30	28
3. Acres of off-site agricultural land required for borrow materials	15	4
4. Acres of Prime and Important farmland required for mitigation	15	4
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	0
9. Relocations of rural residences and farm buildings	10	0
10. Utilization of minimum design standards	10	0
TOTAL SITE ASSESSMENT <i>CORRIDOR</i> POINTS	150	60

PART VII

Relative Value of Farmland	150	90
Total Site Assessment <i>CORRIDOR</i> Factors	150	60
TOTAL ILLINOIS LESA POINTS	300	150

05182010
JL

Attention: Central Office BD&E
Environment Section
Room 330

Environmental Survey Request

A. Project Information

☒ Bio ☐ Cultural ☐ Wetlands ☐ Special Waste

Submittal Date: 11/15/2007 Sequence No: 14124

District: 4 Requesting Agency: Local Project No:

Contract #: Job No.:

Counties: Marshall

Route: FAS 372 Marked:

Street: Western Avenue (CH 6) Section: 99-00080-00-FP

Municipality(ies): Project Length: 1.674 km 1.04 miles

From To (At): Station 30+00 to Station 85+00

Quadrangle: Lacon Township-Range-Section: T13N, R9E, 4th P.M., Sec. 13 & 14

Anticipated Design Approval: 01/01/2009

B. Reason for Submittal: (Check all that apply)

☒ Acquisition of additional ROW or easement 9.5910345 ha/ 23.7 acres

☒ In-Stream Work Stream Name: Tributary to Crow Creek

☐ Other:

C. Project Description:

Construction of 1.04 mi. of roadway on new alignment. Pavement surface to be 24' in width with 4' shoulders. 8' x 6' double RC box culvert constructed for Crow Creek trib. Pipe & ditches to maintain drainage patterns. Remove exist SN 062-3087

Proposed Work: ☒ Highway ☐ Bridge ☐ Bike Trail ☐ Other

D. Tree Removal?: Yes Number?: 145 ha/ acres

Existing Bridge(s) Structure Number:	062-3087	On Historic Bridge List:	No
Existing Bridge(s) Structure Number:	062-3088	On Historic Bridge List:	No

Historic District Involved? No Historic Buildings Involved? Don't Know

Section 4(f) Lands Involved? Don't Know Section 6(f) Lands Involved? Don't Know

Wetland delineation performed by: BDE End. Species Consultation performed by: BDE

E. Funding: ☒ Federal ☐ State ☐ TBP ☐ MFT ☐ Local Non-MFT

☐ 404 Permit Required Anticipated Processing: ECAD

F. Contact Person:	Scot LaSalle	Local Contact Person:	George Meister
Telephone #:	(309) 671-3690 ext.	Telephone #:	(309) 246-6401 ext.
Env. Contact:	Tony Sassine	E-Mail:	byteame@joysta.com
Telephone #:	309-671-3696	Title/Company:	

☐ Field Sign Off (Bio & Cultural Only) ☒ Received in CO 11/20/2007 ☐ SW Received

BIOLOGICAL & WETLAND RESOURCES

NO SURVEY OR FURTHER
COORDINATION REQUIRED

11-20-07
Uthman C. Brooks
SIGNED (SED) DATE

Exhibit E 13
Sheet 1 of 3



Illinois Department of Transportation

Memorandum

To: Greg S. Lupton Attn: Mark Reitz
From: Jack A. Elston By: Thomas C. Brooks
Subject: Natural Resources Review *Thomas C. Brooks*
Date: October 15, 2020

Western Avenue
Section 99-00080-00-FP
T13N/R9E/S13
Marshall County
Seq. #14124B

The proposed project involves construction of 1.04 mi. of roadway on new alignment. Pavement surface to be 24' in width with 4' shoulders. 8' x 6' double RC box culvert constructed for Crow Creek trib. Pipe & ditches to maintain drainage patterns and removal of SN 062-3087.

There will be 24.03 acres of land acquisition required. There will not be in-stream work. There will be a total of 145 trees removed. Land cover in the vicinity of the proposed improvement is primarily agricultural land.

Review for Illinois Endangered Species Protection and Illinois Natural Areas Preservation – Part 1075

The Illinois Natural Heritage Database contains no record of State-listed threatened or endangered species, Illinois Natural Area Inventory sites, dedicated Illinois Nature Preserves, or registered Land and Water Reserves in the vicinity of the project location. **Therefore, consultation under Part 1075 is terminated.**

This review for compliance with 17 Ill. Adm. Code Part 1075 is valid for two years unless new information becomes available that was not previously considered; the proposed improvement is modified; or additional species, essential habitat, or Natural Areas are identified in the vicinity. If the proposed improvement has not been implemented within two years of the date of this memorandum, or any of the above listed conditions develop, a new review will be necessary.

Review for Illinois Interagency Wetland Policy Act – Part 1090

The National Wetlands Inventory does not show wetlands in the vicinity of the project location. The soils are mapped as Senchawine-Hennepin complex which is well drained and non-hydric. We conclude absence of wetlands within the

limits of the proposed improvement **Therefore, the wetland review under Part 1090 is terminated.**

Review for Endangered Species Act - Section 7

The proposed improvement was reviewed in fulfillment of our obligation under Section 7(a)2 of the Endangered Species Act. Our review included use of the US Fish and Wildlife Service's (USFWS) Information for Planning and Conservation (IPaC) web-based review tool. Through IPaC, an official species list was generated. The list contains the endangered, threatened, proposed and candidate species and proposed and designated critical habitat that may be present within or in the vicinity of the proposed improvement. The following species are listed: Indiana bat (Ibat), northern long-eared bat (NLEB), Higgins eye, sheepnose, spectacled case and eastern prairie fringed orchid. No proposed or designated critical habitat is listed. Under 50 CFR 402.12(e), **the accuracy of the species list is limited to 90 days.**

Within IPaC there is the NLEB-Ibat determination key. We used the key to determine applicability of the project with the USFWS revised programmatic biological opinion for transportation projects dated 02-05-2018 and to assess what effect the project would have on NLEB or Ibat. We completed an IPaC qualification interview and determined that the project is within the scope of the programmatic biological opinion. The project has gone through informal consultation and is not likely to adversely affect the NLEB or Ibat provided the following conservation measure is implemented by the project sponsor: **trees three (3) inches or greater in diameter at breast height will not be cleared April 1 through September 30 and all trees removed will be mitigated on-site at a 1:1 replacement ratio and protected in perpetuity upon replacement.**

Please note that the bridge/structure assessment that was conducted for this project is valid for two years and that an expired assessment will need to be updated prior to construction.

We cross-referenced the preferred habitat of each of the remaining listed species with our knowledge of the project area and determined that the project will have no effect on those species.

Should the proposed improvement be modified or new information indicates listed or proposed species may be affected, consultation or additional coordination should be initiated.

VH



Illinois Department of Transportation

Memorandum

To: Jim Klein Attn: Gary Galecki
From: John Baranzelli By: Brad Koldehoff
Subject: Cultural Resource Concurrence
Date: September 27, 2012

Marshall County
FAS 372, CH 6
Sec. 99-00080-00-FP
Seq. 14124A

The attached letter documents the concurrence of the State Historic Preservation Officer in the following determination by IDOT's professional cultural resources staff: "No Historic Properties Affected." This concurrence completes the necessary cultural resource coordination for the above referenced project.

Attachment

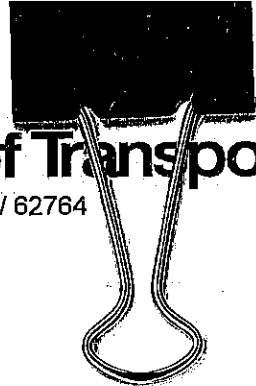
BK:km

A handwritten signature in black ink, reading "Brad Koldehoff".



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764



September 26, 2012

Marshall County
FAS 372, CH 6 (Western Ave.)
Roadway Improvements, Bridge Replacement
Section: 99-00080-00-FP
IDOT Sequence #14124A
ISAS Log #12137

Federal - Section 106 Project

NO HISTORIC PROPERTIES AFFECTED

Ms. Anne Haaker
Deputy State Historic Preservation Officer
Illinois Historic Preservation Agency
Springfield, Illinois 62701

Dear Ms. Haaker:

Enclosed are copies of the Phase I Archaeological Report completed by Illinois State Archaeological Survey personnel concerning archaeological and historical properties potentially impacted by the above referenced project. Survey of the 20-acre project area resulted in the detection of four archaeological sites (11MA270, -271, -272, and -274) within the project area. However, these sites lack integrity and are unlikely to yield new and important information about the history and prehistory of the region. No architectural resources eligible for National Register consideration were identified by IDOT's cultural resources staff (see attached).

In accordance with the established procedure for coordination of proposed Illinois Department of Transportation projects, we request the concurrence of the State Historic Preservation Officer in our determination that no historic properties subject to protection under Section 106 of the National Historic Preservation Act of 1966, as amended, will be affected by the proposed project.

Very truly yours,

Brad H. Koldehoff, RPA
Cultural Resources Unit
Bureau of Design and Environment

CONCUR

By:
Deputy State Historic Preservation Officer

Date: 9/26/2012



Illinois Department of Transportation

Memorandum

To: Bureau of Local Roads Attn: Mark Reitz
From: Jack Elston By: Brad Koldehoff
Subject: Cultural Resources - No Historic Properties Affected Clearance
Date: September 24, 2019

Marshall County
FAS 372, CH 6, CR 1300N, Western Avenue
Southeast of Whitefield
Sec. 99-00080-00-FP
Seq. 14124B

For the above referenced undertaking, IDOT's qualified Cultural Resources staff hereby make a **"No Historic Properties Affected"** finding pursuant to Section 106 of the National Historic Preservation Act.

This finding concludes the Section 106 process in accordance with the stipulations of the Programmatic Agreement Regarding Section 106 Implementation for Federal-Aid Transportation Projects in the State of Illinois, executed March 6, 2018 by FHWA, Illinois SHPO, IDOT and the Advisory Council on Historic Preservation.

No further cultural resources coordination is required for this undertaking, unless design modifications or new information indicate that historic properties may be affected. If so, then, additional coordination with my office is required.

A handwritten signature in black ink, reading "Brad Koldehoff".

Brad H. Koldehoff
Cultural Resources Unit Chief
Bureau of Design & Environment