CR-425 E

CR-2000 N

Unnamed Tributary to Lake Vandalia 4

Unnamed Tributary to Lake Vandalia 3

R.O.W.

R.O.W.

51
ENVIRONMENTAL IMPACT STATEMENT

MONTGOMERY
Oconee
SHELBY
Ramsey
FAYETTE
Vandalia
Shobonier
Vernon
Patoka
BOND
CLINTON
MARION
Sandoval
Junction City
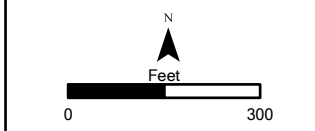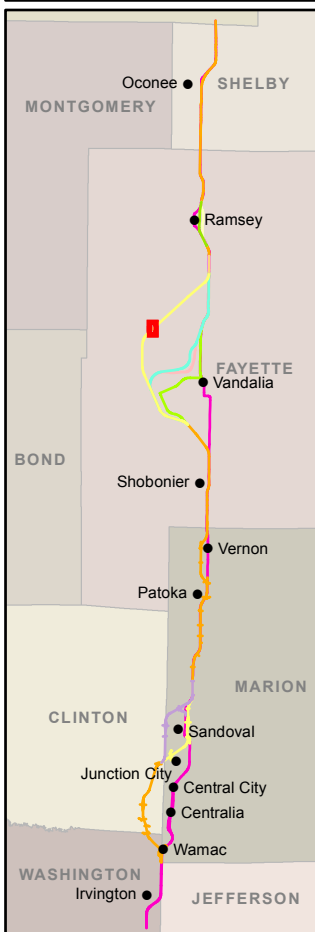Central City
Centralia
Wamac
WASHINGTON
Irvington
JEFFERSON

Legend

— Existing U.S. 51
— U.S. 51 Build Alternative
— CS Alt 1
— CS Alt 2
— V Alt 1
— V Alt 2
— V Alt 3
— V Alt 4
— Ramsey Creek Option A
— Ramsey Creek Option B
— R Alt 1
— R Alt 2
Ȼ Alternative Centerline
R.O.W. Alternative Right-of-Way
— Biologically Significant Stream
— Stream
Centennial Farm
Sesquicentennial Farm
State Park
INHS High Quality Wetland
INHS Wetland
INAI Site
Uneconomic Remnant
Important Use Area
REC Site
Floodplain
County Boundary
Municipality Boundary
Grade Separation
Noise Receptor
Monitored Noise Receptor
✕ Quarry
CERCLIS Site
National Register Historic Site
✕ Access Closures
Public Facility
△ Major Employers

Displacements
Residence
Residential Outbuilding
Farm Residence
Farm Outbuilding
Farm Business
Farm Business Outbuilding
Business

Access Impacts
Residence
Residential Outbuilding
Farm Residence
Farm Outbuilding
Farm Business
Farm Business Outbuilding
Public Facility

Sources:
Illinois Department of Natural Resources, Illinois
Natural History Survey, U.S. Geological Survey

Data to be used for reference only

N

Feet
0   300

SHEET 71 OF 185

ENVIRONMENTAL RESOURCES

Unnamed Tributary to Lake Vandalia 2

R-2000 N

CR-2100 N

Legend

Line	Description
——	Existing U.S. 51
——	U.S. 51 Build Alternative
——	CS Alt 1
——	CS Alt 2
——	V Alt 1
——	V Alt 2
——	V Alt 3
——	V Alt 4
——	Ramsey Creek Option A
——	Ramsey Creek Option B
——	R Alt 1
——	R Alt 2

℄ Alternative Centerline
R.O.W. Alternative Right-of-Way
—— Biologically Significant Stream
—— Stream
Centennial Farm
Sesquicentennial Farm
State Park
INHS High Quality Wetland
INHS Wetland
INAI Site
Uneconomic Remnant
Important Use Area
REC Site
Floodplain
County Boundary
Municipality Boundary
Grade Separation

〰 Noise Receptor

〰 Monitored Noise Receptor

✕ Quarry

✦ CERCLIS Site

National Register Historic Site

✕ Access Closures

⬡ Public Facility

△ Major Employers

Displacements

⬟ Residence
⬡ Residential Outbuilding
Farm Residence
⬟ Farm Outbuilding
Farm Business
Farm Business Outbuilding
Business

Access Impacts

⬟ Residence
⬡ Residential Outbuilding
Farm Residence
⬠ Farm Outbuilding
⬟ Farm Business
Farm Business Outbuilding
⬡ Public Facility

Sources:
Illinois Department of Natural Resources, Illinois
Natural History Survey, U.S. Geological Survey

Data to be used for reference only

N

Feet

0   300

SHEET 72 OF 185

ENVIRONMENTAL RESOURCES

Oconee ● SHELBY
MONTGOMERY

Ramsey ●

FAYETTE
Vandalia

Shobonier ●

BOND

Vernon ●
Patoka ●

MARION

CLINTON

Sandoval ●
Junction City ● Central City
Centralia ●

WASHINGTON Wamac ●
Irvington ● JEFFERSON

Aerial Background Copyright:© 2012 Esri, DeLorme, NAVTEQ, TomTom
Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

ENVIRONMENTAL RESOURCES

51 ENVIRONMENTAL IMPACT STATEMENT

MONTGOMERY
Oconee •
SHELBY
• Ramsey
FAYETTE
• Vandalia
Shobonier •
• Vernon
Patoka •
BOND
CLINTON
MARION
Sandoval •
Junction City • • Central City
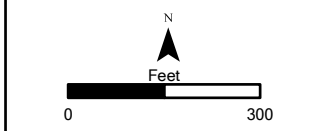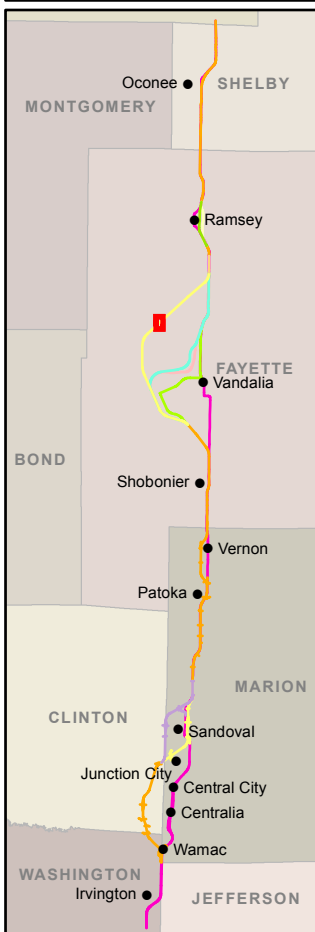• Centralia
Wamac •
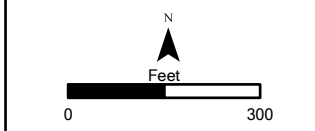WASHINGTON
Irvington •
JEFFERSON

Legend
— Existing U.S. 51
— U.S. 51 Build Alternative
— CS Alt 1
— CS Alt 2
— V Alt 1
— V Alt 2
— V Alt 3
— V Alt 4
— Ramsey Creek Option A
— Ramsey Creek Option B
— R Alt 1
— R Alt 2
℄ Alternative Centerline
R.O.W. Alternative Right-of-Way
— Biologically Significant Stream
— Stream
Centennial Farm
Sesquicentennial Farm
State Park
INHS High Quality Wetland
INHS Wetland
INAI Site
Uneconomic Remnant
Important Use Area
REC Site
Floodplain
County Boundary
Municipality Boundary
Grade Separation
Noise Receptor
Monitored Noise Receptor
✕ Quarry
✦ CERCLIS Site
National Register Historic Site
✕ Access Closures
⬡ Public Facility
△ Major Employers
Displacements
Residence
Residential Outbuilding
Farm Residence
Farm Outbuilding
Farm Business
Farm Business Outbuilding
Business
Access Impacts
Residence
Residential Outbuilding
Farm Residence
Farm Outbuilding
Farm Business
Farm Business Outbuilding
⬡ Public Facility

Sources:
Illinois Department of Natural Resources, Illinois Natural History Survey, U.S. Geological Survey
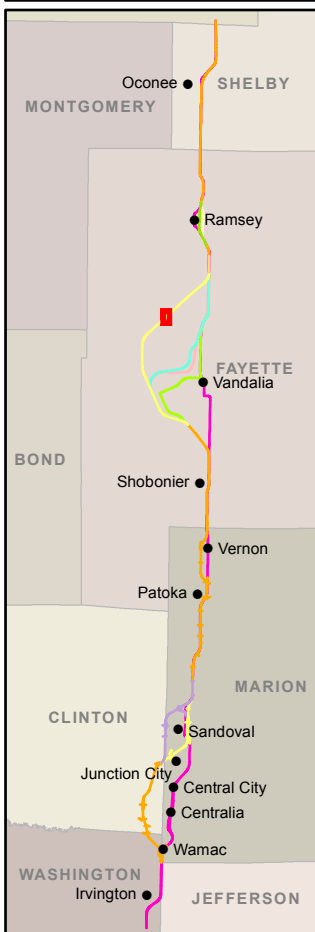Data to be used for reference only

N
Feet
0   300

Aerial Background Copyright:© 2012 Esri, DeLorme, NAVTEQ, TomTom
Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community
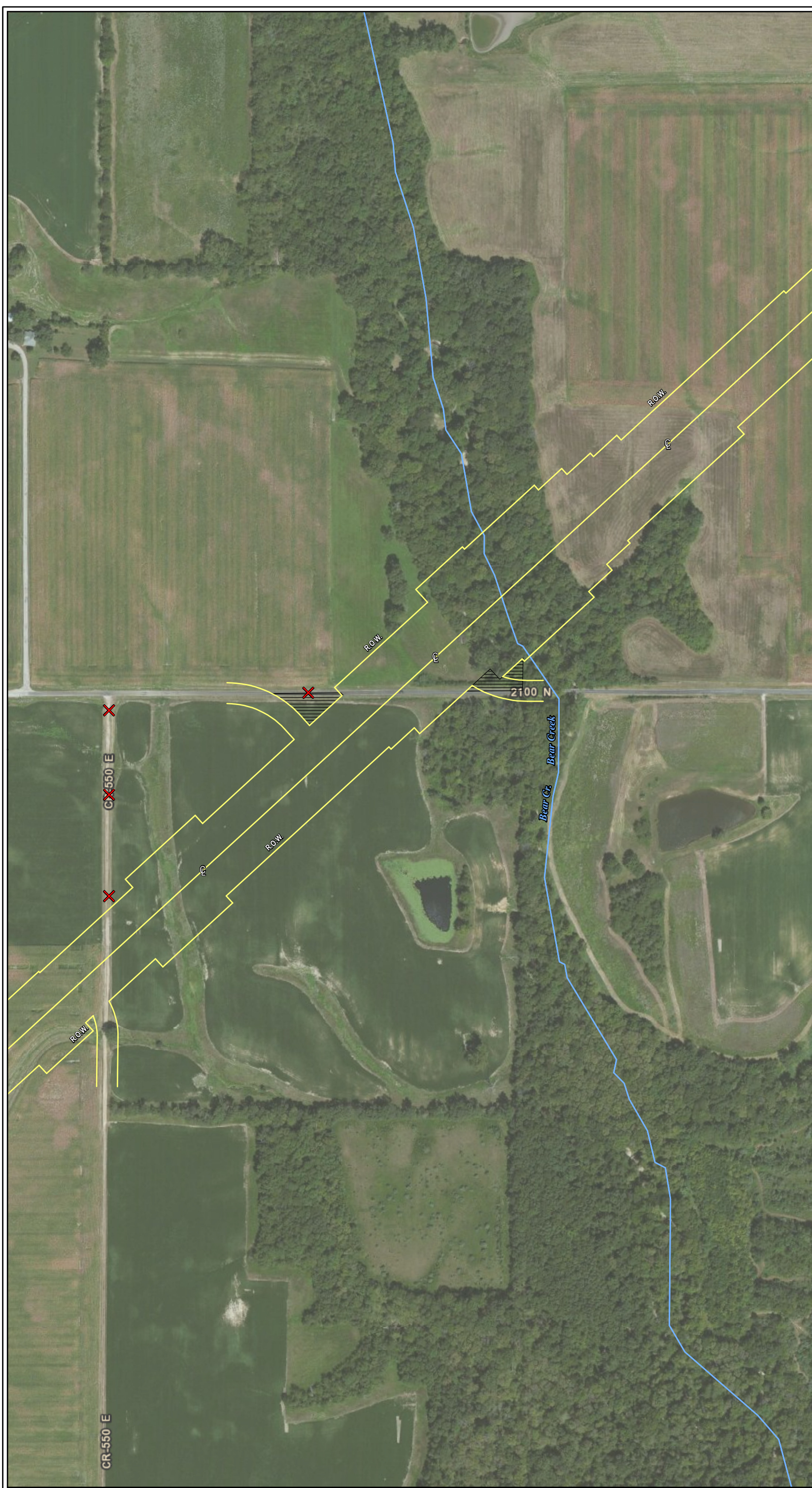
CR-501 E
CR-500 E
R.O.W.
℄
Unnamed Tributary to Lake Vandalia 2

Legend

Symbol	Description
—	Existing U.S. 51
—	U.S. 51 Build Alternative
—	CS Alt 1
—	CS Alt 2
—	V Alt 1
—	V Alt 2
—	V Alt 3
—	V Alt 4
—	Ramsey Creek Option A
—	Ramsey Creek Option B
—	R Alt 1
—	R Alt 2
℄	Alternative Centerline
R.O.W.	Alternative Right-of-Way
—	Biologically Significant Stream
—	Stream
	Centennial Farm
	Sesquicentennial Farm
	State Park
	INHS High Quality Wetland
	INHS Wetland
	INAI Site
	Uneconomic Remnant
	Important Use Area
	REC Site
	Floodplain
	County Boundary
	Municipality Boundary
	Grade Separation
)))	Noise Receptor
)))	Monitored Noise Receptor
✕	Quarry
✦	CERCLIS Site
🌲	National Register Historic Site
✕	Access Closures
⬡	Public Facility
△	Major Employers

Displacements

Symbol	Description
	Residence
	Residential Outbuilding
	Farm Residence
	Farm Outbuilding
	Farm Business
	Farm Business Outbuilding
	Business

Access Impacts

Symbol	Description
	Residence
	Residential Outbuilding
	Farm Residence
	Farm Outbuilding
	Farm Business
	Farm Business Outbuilding
	Public Facility

Sources:
Illinois Department of Natural Resources, Illinois
Natural History Survey, U.S. Geological Survey

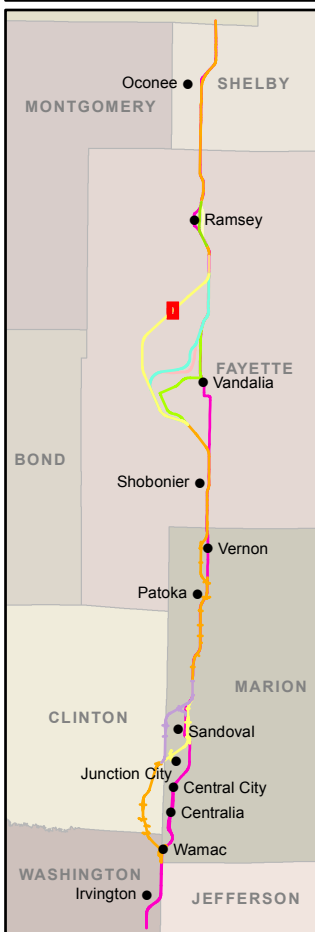Data to be used for reference only

Feet
0   300

SHEET 74 OF 185

ENVIRONMENTAL RESOURCES

ENVIRONMENTAL RESOURCES

Legend

- —— Existing U.S. 51
- —— U.S. 51 Build Alternative
- —— CS Alt 1
- —— CS Alt 2
- —— V Alt 1
- —— V Alt 2
- —— V Alt 3
- —— V Alt 4
- —— Ramsey Creek Option A
- —— Ramsey Creek Option B
- —— R Alt 1
- —— R Alt 2
- ₵ Alternative Centerline
- R.O.W. Alternative Right-of-Way
- —— Biologically Significant Stream
- —— Stream
- Centennial Farm
- Sesquicentennial Farm
- State Park
- INHS High Quality Wetland
- INHS Wetland
- INAI Site
- Uneconomic Remnant
- Important Use Area
- REC Site
- Floodplain
- County Boundary
- Municipality Boundary
- Grade Separation
- Noise Receptor
- Monitored Noise Receptor
- ✕ Quarry
- ✛ CERCLIS Site
- National Register Historic Site
- ✕ Access Closures
- ⬡ Public Facility
- △ Major Employers

Displacements
- Residence
- Residential Outbuilding
- Farm Residence
- Farm Outbuilding
- Farm Business
- Farm Business Outbuilding
- Business

Access Impacts
- Residence
- Residential Outbuilding
- Farm Residence
- Farm Outbuilding
- Farm Business
- Farm Business Outbuilding
- Public Facility

Sources:
Illinois Department of Natural Resources, Illinois Natural History Survey, U.S. Geological Survey

Data to be used for reference only

N

Feet

0   300

MONTGOMERY
SHELBY
Oconee
Ramsey
FAYETTE
Vandalia
BOND
Shobonier
Vernon
Patoka
MARION
CLINTON
Sandoval
Junction City
Central City
Centralia
WASHINGTON
Wamac
Irvington
JEFFERSON

CR-600 E

2100 N

Unnamed Tributary to Lake Vandalia I

Site 534

Site 535

2200 N

R.O.W

R.O.W

R.O.W

CR 2175 N

51
ENVIRONMENTAL IMPACT STATEMENT

Oconee ● SHELBY
MONTGOMERY
● Ramsey
FAYETTE
Vandalia
Shobonier ●
● Vernon
Patoka ●
MARION
CLINTON
Sandoval ●
Junction City ● Central City
Centralia
WASHINGTON Wamac ●
Irvington ● JEFFERSON

Legend

——	Existing U.S. 51
——	U.S. 51 Build Alternative
——	CS Alt 1
——	CS Alt 2
——	V Alt 1
——	V Alt 2
——	V Alt 3
——	V Alt 4
——	Ramsey Creek Option A
——	Ramsey Creek Option B
——	R Alt 1
——	R Alt 2
₵	Alternative Centerline
R.O.W.	Alternative Right-of-Way
——	Biologically Significant Stream
——	Stream
	Centennial Farm
	Sesquicentennial Farm
	State Park
	INHS High Quality Wetland
	INHS Wetland
	INAI Site
	Uneconomic Remnant
	Important Use Area
	REC Site
	Floodplain
	County Boundary
	Municipality Boundary
	Grade Separation
	Noise Receptor
	Monitored Noise Receptor
✕	Quarry
	CERCLIS Site
	National Register Historic Site
✕	Access Closures
	Public Facility
△	Major Employers

Displacements

	Residence
	Residential Outbuilding
	Farm Residence
	Farm Outbuilding
	Farm Business
	Farm Business Outbuilding
	Business

Access Impacts

	Residence
	Residential Outbuilding
	Farm Residence
	Farm Outbuilding
	Farm Business
	Farm Business Outbuilding
	Public Facility

Sources:
Illinois Department of Natural Resources, Illinois
Natural History Survey, U.S. Geological Survey

Data to be used for reference only

N
Feet
0   300
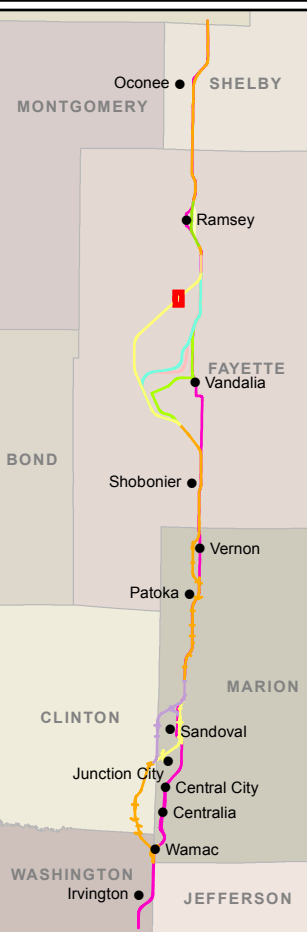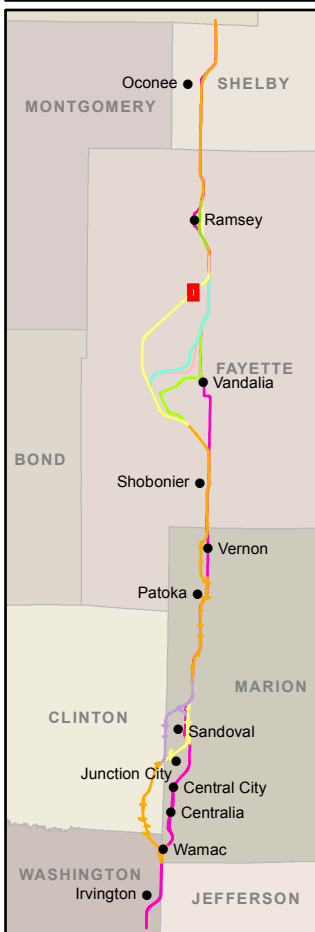
SHEET 76 OF 185

ENVIRONMENTAL RESOURCES

Unnamed Tributary to Hoffman Creek

CR 2240 N

700 E

2200 N

51
ENVIRONMENTAL IMPACT STATEMENT

MONTGOMERY
Oconee
SHELBY
Ramsey
FAYETTE
Vandalia
BOND
Shobonier
Vernon
Patoka
MARION
CLINTON
Sandoval
Junction City
Central City
Centralia
Wamac
WASHINGTON
Irvington
JEFFERSON

Legend

▬	Existing U.S. 51
▬	U.S. 51 Build Alternative
▬	CS Alt 1
▬	CS Alt 2
▬	V Alt 1
▬	V Alt 2
▬	V Alt 3
▬	V Alt 4
▬	Ramsey Creek Option A
▬	Ramsey Creek Option B
▬	R Alt 1
▬	R Alt 2
₵	Alternative Centerline
R.O.W.	Alternative Right-of-Way
▬	Biologically Significant Stream
▬	Stream
	Centennial Farm
	Sesquicentennial Farm
	State Park
	INHS High Quality Wetland
	INHS Wetland
	INAI Site
	Uneconomic Remnant
	Important Use Area
	REC Site
	Floodplain
	County Boundary
	Municipality Boundary
	Grade Separation
⬯	Noise Receptor
⬯	Monitored Noise Receptor
✕	Quarry
✧	CERCLIS Site
⬙	National Register Historic Site
✕	Access Closures
⬡	Public Facility
△	Major Employers

Displacements

⬠	Residence
⬡	Residential Outbuilding
⌂	Farm Residence
⬠	Farm Outbuilding
⬨	Farm Business
▪	Farm Business Outbuilding
⌂	Business

Access Impacts

⬠	Residence
⦿	Residential Outbuilding
⌂	Farm Residence
⬠	Farm Outbuilding
⬨	Farm Business
▪	Farm Business Outbuilding
⬡	Public Facility

Sources:
Illinois Department of Natural Resources, Illinois
Natural History Survey, U.S. Geological Survey

Data to be used for reference only

N
Feet
0   300

SHEET 77 OF 185

ENVIRONMENTAL RESOURCES

ENVIRONMENTAL RESOURCES

Legend

Existing U.S. 51	
U.S. 51 Build Alternative	
CS Alt 1	
CS Alt 2	
V Alt 1	
V Alt 2	
V Alt 3	
V Alt 4	
Ramsey Creek Option A	
Ramsey Creek Option B	
R Alt 1	
R Alt 2	

Ⓒ Alternative Centerline
R.O.W. Alternative Right-of-Way
Biologically Significant Stream
Stream
Centennial Farm
Sesquicentennial Farm
State Park
INHS High Quality Wetland
INHS Wetland
INAI Site
Uneconomic Remnant
Important Use Area
REC Site
Floodplain
County Boundary
Municipality Boundary
Grade Separation
Noise Receptor
Monitored Noise Receptor
✕ Quarry
✦ CERCLIS Site
National Register Historic Site
✕ Access Closures
⬡ Public Facility
△ Major Employers

Displacements
Residence
Residential Outbuilding
Farm Residence
Farm Outbuilding
Farm Business
Farm Business Outbuilding
Business

Access Impacts
Residence
Residential Outbuilding
Farm Residence
Farm Outbuilding
Farm Business
Farm Business Outbuilding
⬡ Public Facility

Sources:
Illinois Department of Natural Resources, Illinois Natural History Survey, U.S. Geological Survey
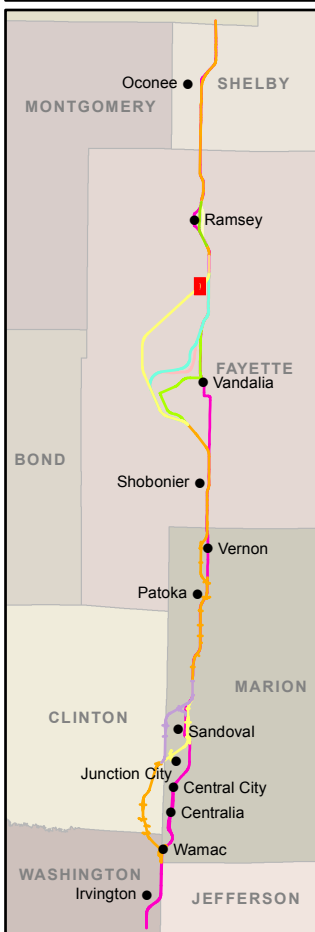
Data to be used for reference only

N

Feet
0   300

Aerial Background Copyright:© 2012 Esri, DeLorme, NAVTEQ, TomTom
Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

51
ENVIRONMENTAL IMPACT STATEMENT

MONTGOMERY
Oconee
SHELBY
Ramsey
FAYETTE
Vandalia
BOND
Shobonier
Vernon
Patoka
CLINTON
MARION
Sandoval
Junction City
Central City
Centralia
WASHINGTON
Wamac
Irvington
JEFFERSON

Legend

— Existing U.S. 51
— U.S. 51 Build Alternative
— CS Alt 1
— CS Alt 2
— V Alt 1
— V Alt 2
— V Alt 3
— V Alt 4
— Ramsey Creek Option A
— Ramsey Creek Option B
— R Alt 1
— R Alt 2
℄ Alternative Centerline
R.O.W. Alternative Right-of-Way
— Biologically Significant Stream
— Stream
Centennial Farm
Sesquicentennial Farm
State Park
INHS High Quality Wetland
INHS Wetland
INAI Site
Uneconomic Remnant
Important Use Area
REC Site
Floodplain
County Boundary
Municipality Boundary
Grade Separation
Noise Receptor
Monitored Noise Receptor
✕ Quarry
CERCLIS Site
National Register Historic Site
✕ Access Closures
Public Facility
Major Employers

Displacements
Residence
Residential Outbuilding
Farm Residence
Farm Outbuilding
Farm Business
Farm Business Outbuilding
Business

Access Impacts
Residence
Residential Outbuilding
Farm Residence
Farm Outbuilding
Farm Business
Farm Business Outbuilding
Public Facility

Sources:
Illinois Department of Natural Resources, Illinois Natural History Survey, U.S. Geological Survey
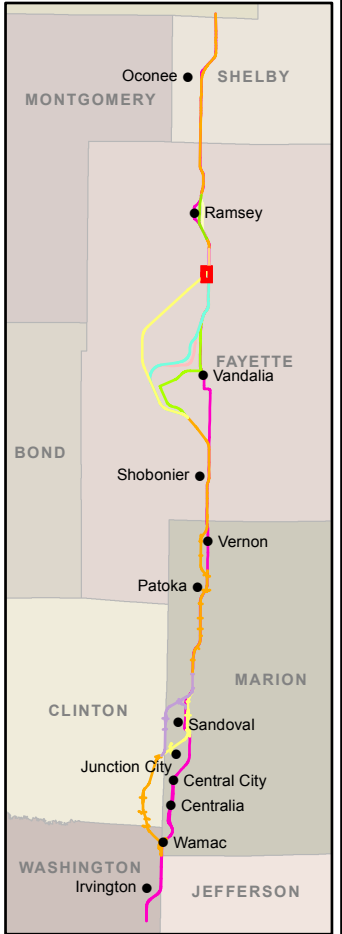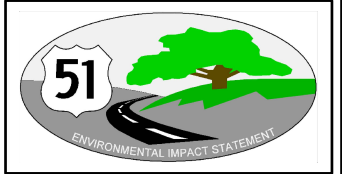
Data to be used for reference only

N
Feet
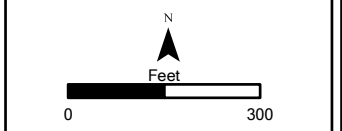0   300

SHEET 79 OF 185

ENVIRONMENTAL RESOURCES

Aerial Background Copyright:© 2012 Esri, DeLorme, NAVTEQ, TomTom
Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community
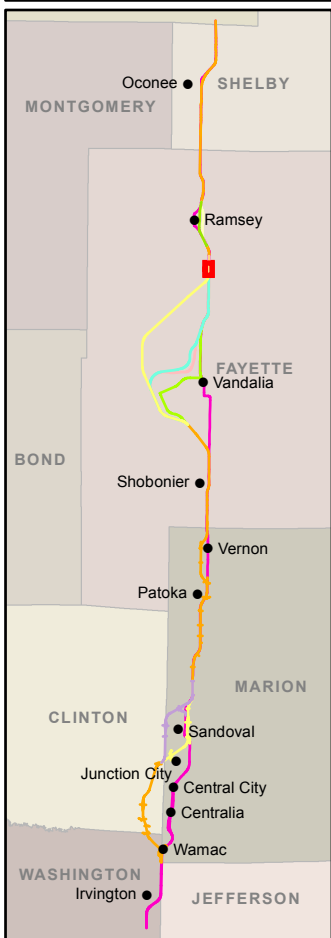
℄
R.O.W.
CR 2300 N

ENVIRONMENTAL RESOURCES

Legend

———	Existing U.S. 51
———	U.S. 51 Build Alternative
———	CS Alt 1
———	CS Alt 2
———	V Alt 1
———	V Alt 2
———	V Alt 3
———	V Alt 4
———	Ramsey Creek Option A
———	Ramsey Creek Option B
———	R Alt 1
———	R Alt 2
℄	Alternative Centerline
R.O.W.	Alternative Right-of-Way
———	Biologically Significant Stream
———	Stream
	Centennial Farm
	Sesquicentennial Farm
	State Park
	INHS High Quality Wetland
	INHS Wetland
	INAI Site
	Uneconomic Remnant
	Important Use Area
	REC Site
	Floodplain
	County Boundary
	Municipality Boundary
	Grade Separation
	Noise Receptor
	Monitored Noise Receptor
✕	Quarry
	CERCLIS Site
	National Register Historic Site
⬡	Public Facility
△	Major Employers

Displacements

	Residence
	Residential Outbuilding
	Farm Residence
	Farm Outbuilding
	Farm Business
	Farm Business Outbuilding
	Business

Access Impacts

	Residence
	Residential Outbuilding
	Farm Residence
	Farm Outbuilding
	Farm Business
	Farm Business Outbuilding
⬡	Public Facility

Sources:
Illinois Department of Natural Resources, Illinois Natural History Survey, U.S. Geological Survey

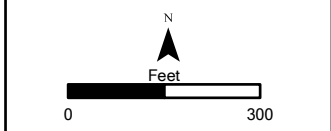Data to be used for reference only

N

Feet

0   300

Aerial Background Copyright:© 2012 Esri, DeLorme, NAVTEQ, TomTom
Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

Legend

——	Existing U.S. 51
——	U.S. 51 Build Alternative
——	CS Alt 1
——	CS Alt 2
——	V Alt 1
——	V Alt 2
——	V Alt 3
——	V Alt 4
——	Ramsey Creek Option A
——	Ramsey Creek Option B
——	R Alt 1
——	R Alt 2
ℂ	Alternative Centerline
R.O.W.	Alternative Right-of-Way
——	Biologically Significant Stream
——	Stream
	Centennial Farm
	Sesquicentennial Farm
	State Park
	INHS High Quality Wetland
	INHS Wetland
	INAI Site
	Uneconomic Remnant
	Important Use Area
	REC Site
	Floodplain
	County Boundary
	Municipality Boundary
	Grade Separation
📶	Noise Receptor
📶	Monitored Noise Receptor
✕	Quarry
✳	CERCLIS Site
🌲	National Register Historic Site
✕	Access Closures
⬡	Public Facility
△	Major Employers

Displacements

🏠	Residence
⬡	Residential Outbuilding
🏚	Farm Residence
⬠	Farm Outbuilding
◆	Farm Business
▪	Farm Business Outbuilding
🏭	Business

Access Impacts

🏠	Residence
⬡	Residential Outbuilding
🏚	Farm Residence
⬠	Farm Outbuilding
◆	Farm Business
▪	Farm Business Outbuilding
⬡	Public Facility

Sources:
Illinois Department of Natural Resources, Illinois Natural History Survey, U.S. Geological Survey

Data to be used for reference only

N
Feet
0   300

SHEET 81 OF 185

ENVIRONMENTAL RESOURCES