



Implementation of New Section 4(f) Regulations

De minimis

- Easily applied to most minor projects
- Avoidance alternatives not necessary
- Saves time/money



INDOT incorporates *de minimis* into the Section 106 Process

- Finding useful for impacts to historic properties
- Section 4(f) language in Section 106 findings and determinations
- Incorporates *de minimis* into the Section 106 process.



US 40 – Earlham Cemetery

- Road Widening/Sidewalk Addition
- Cemetery eligible for National Register
- Mature trees impacted along boundary
- Mitigation reduced impacts to *de minimis*



New Regulations

- Majority already in practice.
- Exceptions
- Consideration of relative value of 4(f) resource.



Louisville-Southern Indiana Ohio River Bridges Project



Final Environmental Impact Statement

Prepared by the
Federal Highway Administration
Indiana Department of Transportation
Kentucky Transportation Cabinet



Louisville-Southern Indiana Ohio River Bridges Project

- Purpose of Project
 - Improve cross-river mobility between Jefferson County, Kentucky, and Clark County, Indiana
- Preferred Alternative: Two Bridges Highway
 - Reconstruction of Kentucky Interchange
 - 2 new river crossings in the Downtown Corridor and either the Far East or Near East.

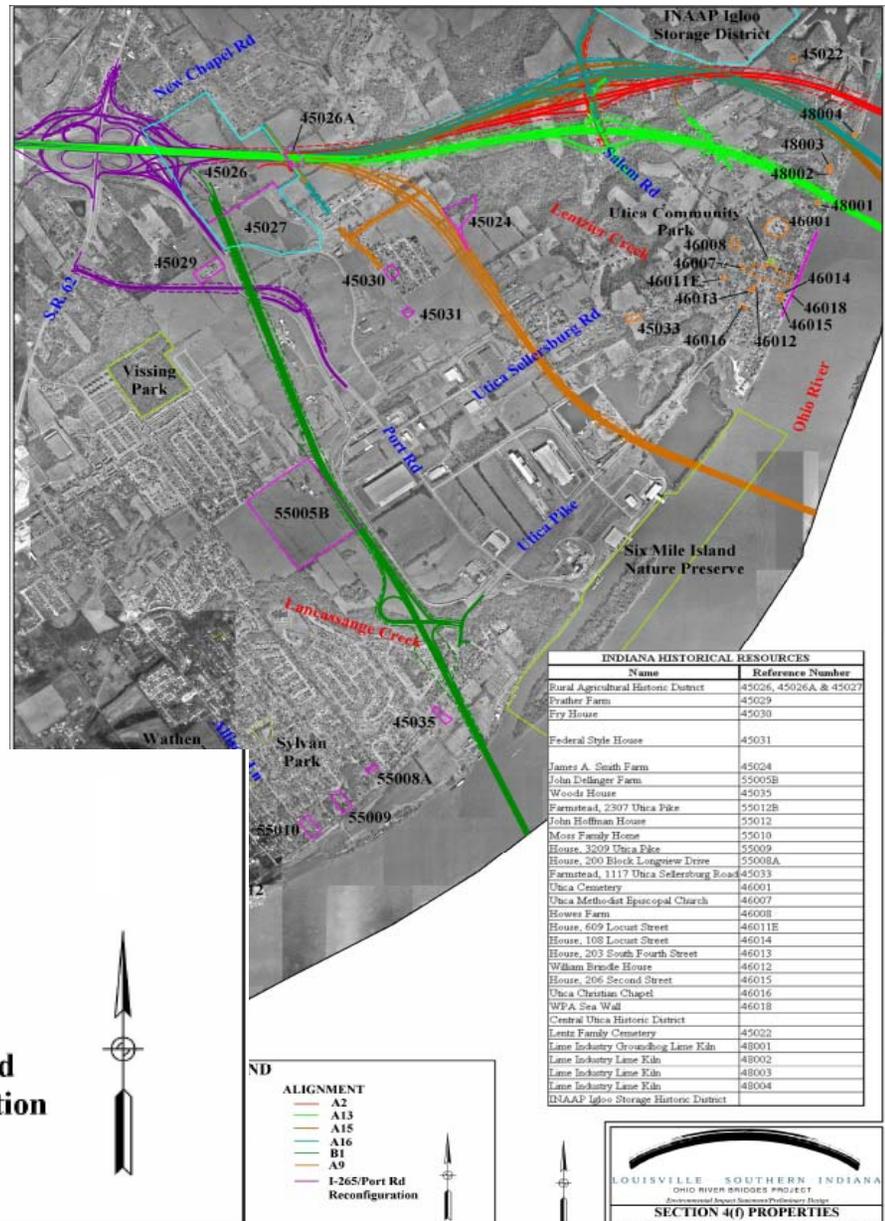


Alternatives

- 6 alternatives considered for Far East and Near-East Corridor
- 3 alternatives considered for Downtown Corridor
- 2 alternatives considered for Kennedy Interchange
- 15 historic resources and 5 parks, refuges, and/or recreational areas had potential to be impacted.



Far East & Near East Corridors



LEGEND

- Parks and Refuges
- Historic Resource Boundary
- Historic District Boundary
- Resources Listed on the Multiple Property Listing

- ### ALIGNMENT
- A2
 - A13
 - A15
 - A16
 - B1
 - A9
 - I-265/Port Rd Reconfiguration



ND

ALIGNMENT	Color
A2	Red
A13	Green
A15	Orange
A16	Cyan
B1	Light Green
A9	Light Orange
I-265/Port Rd Reconfiguration	Magenta

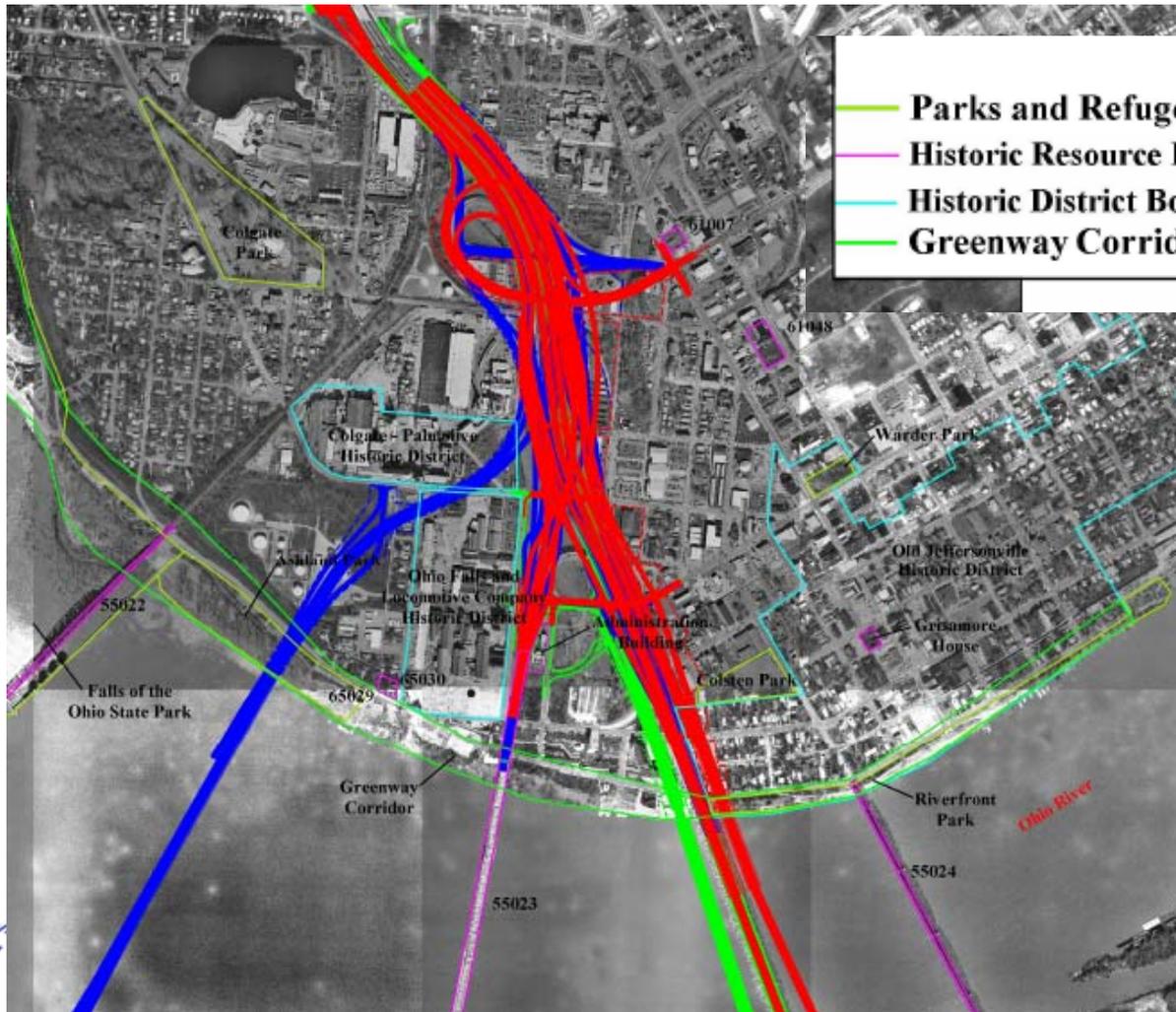
INDIANA HISTORICAL RESOURCES	
Name	Reference Number
Rural Agricultural Historic District	45026, 45026A & 45027
Prather Farm	45029
Fry House	45030
Federal Style House	45031
James A. Smith Farm	45024
John Dellinger Farm	55005B
Woods House	45035
Farmstead, 2307 Utica Pike	55012B
John Hoffman House	55012
Moss Family House	55010
House, 3209 Utica Pike	55029
House, 200 Block Longview Drive	55008A
Farmstead, 1117 Utica Salersburg Road	45033
Utica Cemetery	46001
Utica Methodist Episcopal Church	46007
Houses Farm	46038
House, 609 Locust Street	46011E
House, 108 Locust Street	46014
House, 203 South Fourth Street	46013
William Brodie House	46012
House, 206 Second Street	46015
Utica Christian Chapel	46016
WPA Sea Wall	46018
Central Utica Historic District	45022
Leitz Family Cemetery	48001
Lime Industry Grounds/Lime Kiln	48002
Lime Industry Lime Kiln	48003
Lime Industry Lime Kiln	48004
INAAP Igloo Storage District	48004

Far East & Near East Corridors

- 3 of the 6 alternatives determined to have least overall harm.
- Each required use of 1 4(f) property
- All other alternatives would require a similar use of this property.
- Alternative with Least Overall Harm (A-15) determined based on environmental impacts.



Downtown Corridor



LEGEND

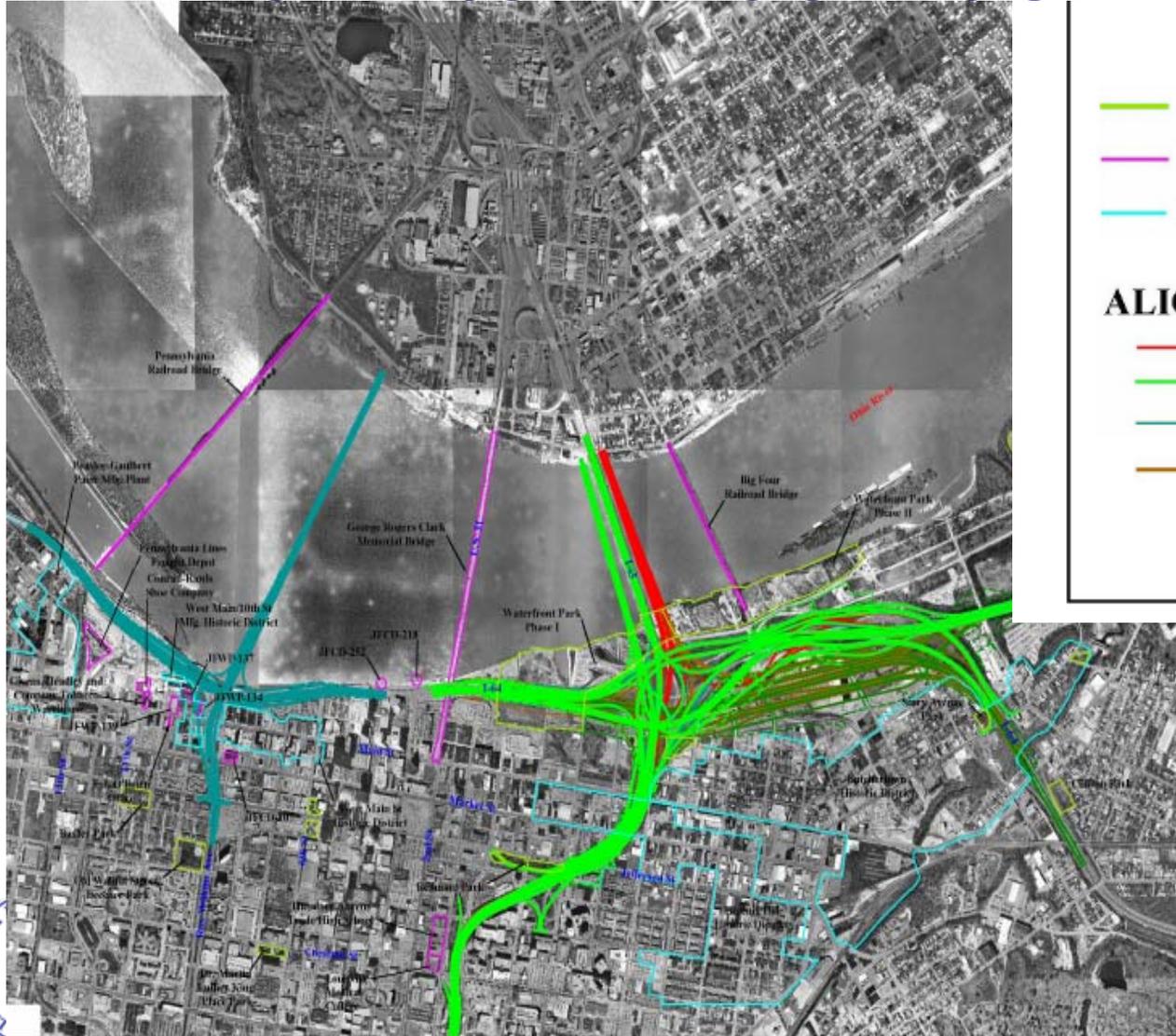
-  Parks and Refuges
-  Historic Resource Boundary
-  Historic District Boundary
-  Greenway Corridor

ALIGNMENT

-  C1
-  C3
-  C2



Downtown Corridor



LEGEND

-  Parks and Refuges
-  Historic Resource Boundary
-  Historic District Boundary

ALIGNMENT

-  C1
-  C3
-  C2
-  Kennedy Interchange Relocated

Downtown Corridor

■ C-1:

- Impacts 1 historic district, 1 historic property, 2 parks
- Total of 4.65 acres impacted

■ C-2:

- Impacts 4 historic properties/districts, 1 park
- Total of 4.95 acres impacted

■ C-3:

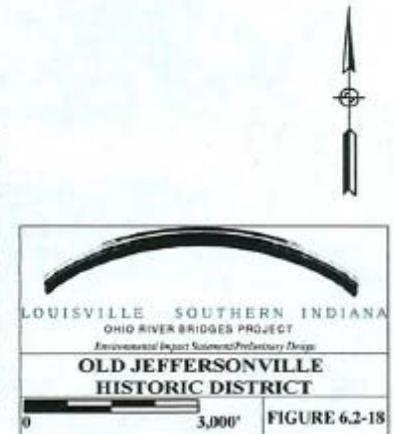
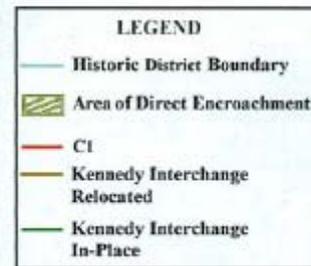
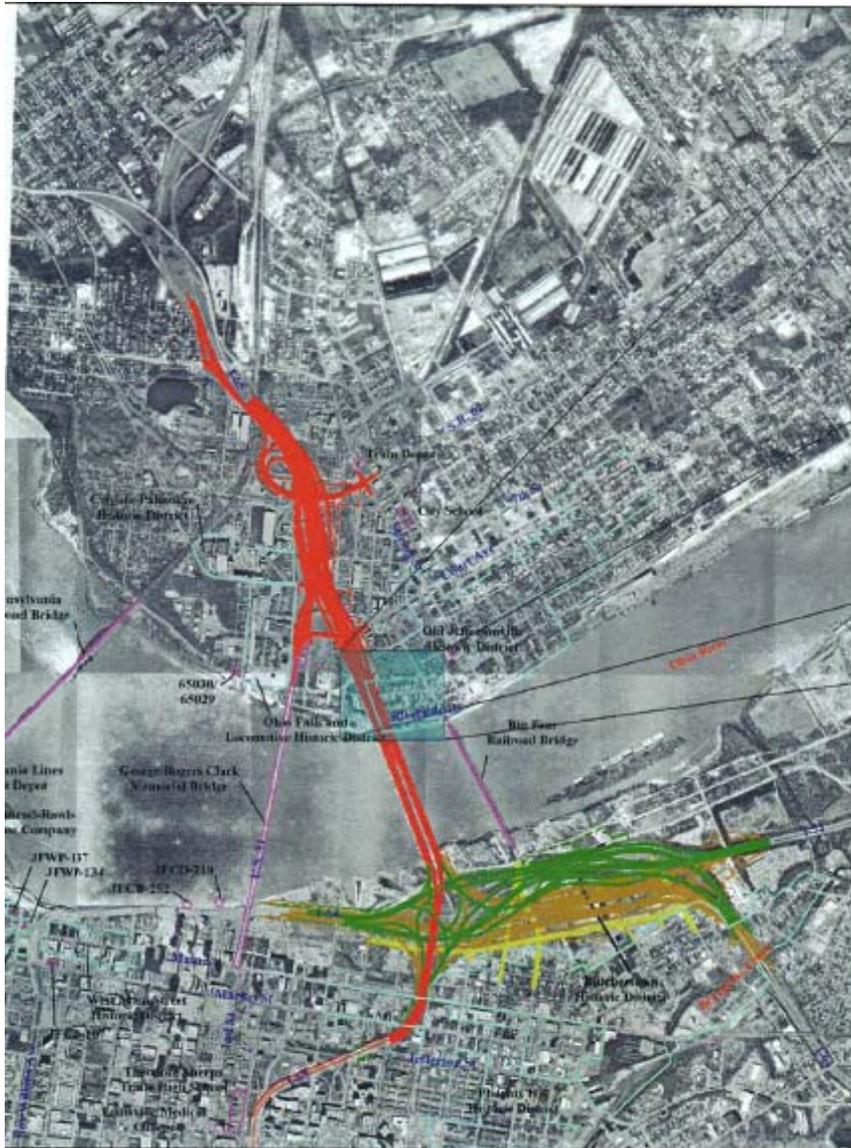
- Impacts 1 historic property, 2 parks
- Total of 3.85 acres impacted

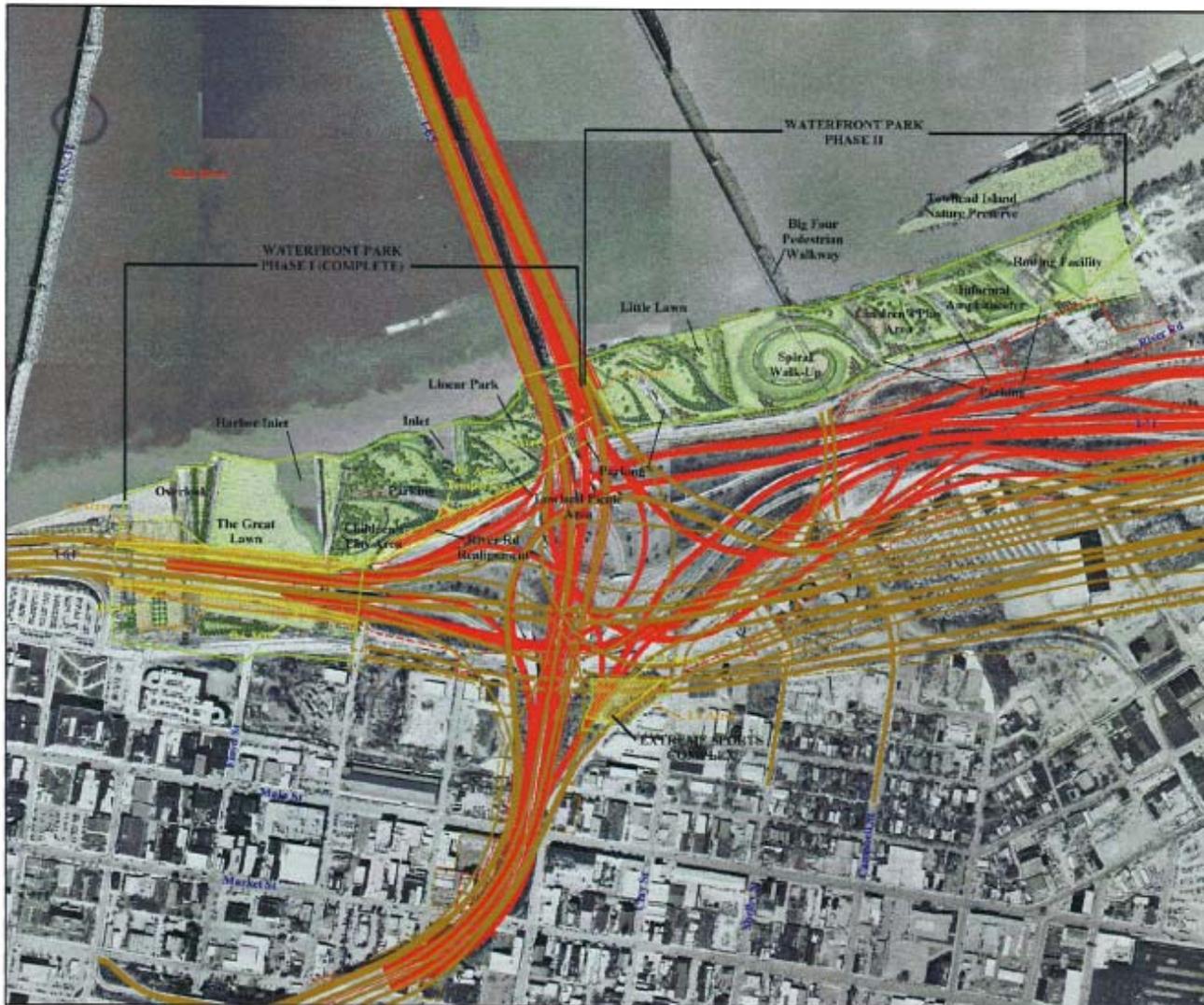


Comparison of C-1 and C-3

	Historic District	Memorial Bridge	Waterfront Park	Greenway Corridor
C-1	3 acres 8 structures (5 in need of repair)	1 acre (included in park ac.)	0.05 acre (of planned Phase II)	0.4 acre
C-3		1 acre (included in park ac.)	2.8 acres	1.0 acre







LEGEND

- Waterfront Park and Extreme Sports Complex Boundaries
- Area of Direct Encroachment Associated with an In-Place Kennedy Interchange
- Area of Direct Encroachment Associated with a Relocated Kennedy Interchange

ALIGNMENT

- Kennedy Interchange Relocated
- Kennedy Interchange In-Place

RIGHT-OF-WAY

- Kennedy Interchange Relocated
- Kennedy Interchange In-Place

LOUISVILLE SOUTHERN INDIANA
 OHIO RIVER BRIDGES PROJECT
Environmental Impact Statement/Ordinary Design
WATERFRONT PARK AND EXTREME SPORTS COMPLEX WITH ALIGNMENT C1

FIGURE 6.2-26



Determination of Feasible and Prudent

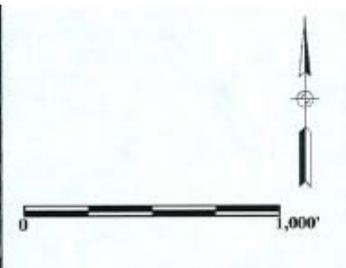
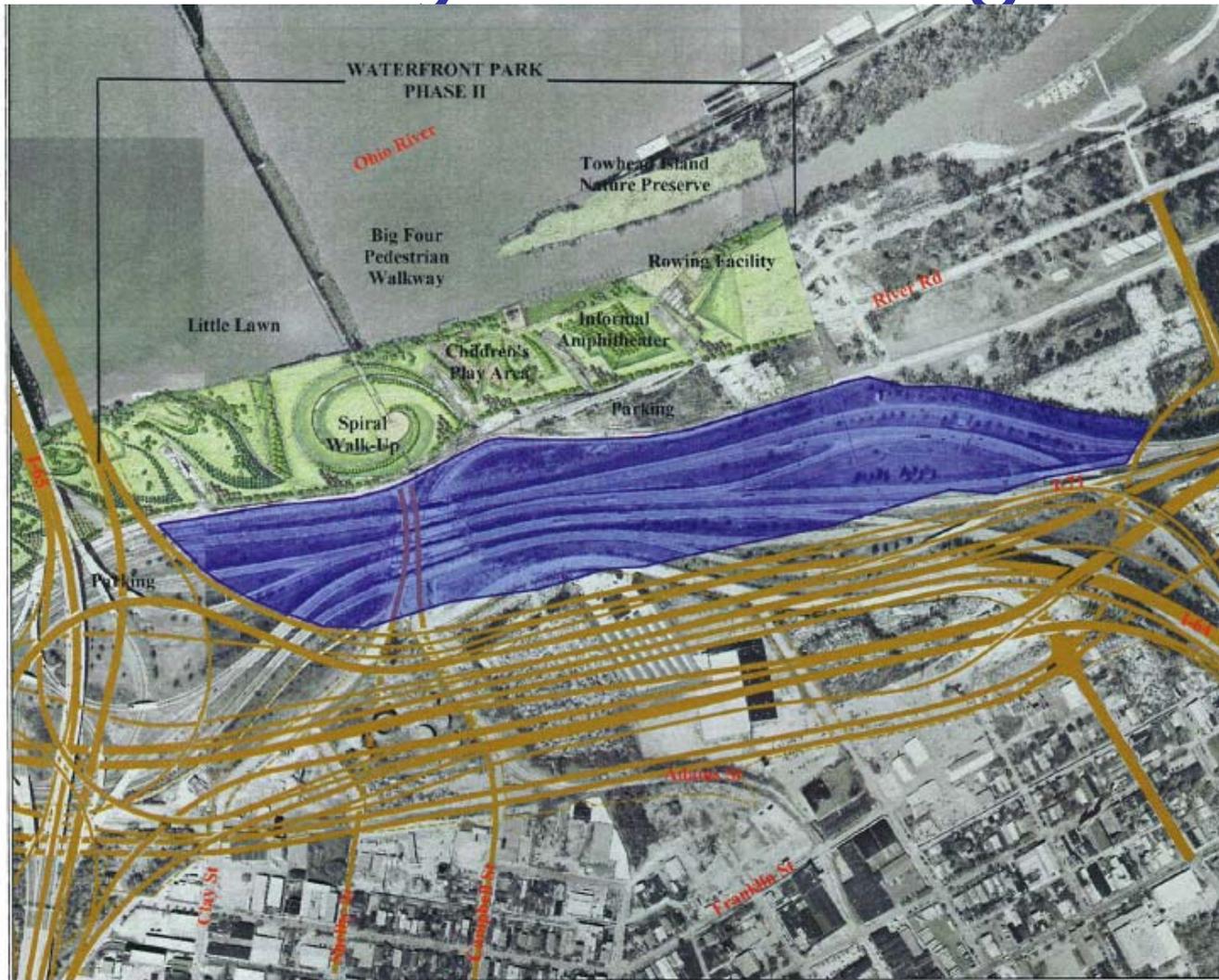
- Assigned relative value to Section 4(f) properties.
 - Greenway Corridor
 - Old Jeffersonville Historic District
 - Waterfront Park



Old Jeffersonville Historic District



Kennedy Interchange



LEGEND

- Surplus Land
- Alignment**
- C1 and Kennedy Interchange Relocated
- Right-of-Way**
- C1 and Kennedy Interchange Relocated


 LOUISVILLE SOUTHERN INDIANA
 OHIO RIVER BRIDGES PROJECT
Masterplan Report System/Preliminary Plan
**SURPLUS LAND ASSOCIATED WITH THE
 COMPLETION OF THE PROJECT**

Scale 1:5000 Figure 6.2-29



Kennedy Interchange

	Phoenix Hill Historic District	Butcher-town Historic District	Waterfront Park	Extreme Sports Complex
In-Place	2.2 acres 2 structures	1.23 acres 1 struct.	4.2 acres Removal of 16 of 71 parking spaces	1.3 acres 7 piers
Relocated	2.2 acres 2 structures	1.29 acres 1 struct.	4.1 acres	1.8 acres 6 piers





LEGEND

- Surplus Land
- Alignment**
- CI and Kennedy Interchange Relocated
- Right-of-Way**
- CI and Kennedy Interchange Relocated

LOUISVILLE SOUTHERN INDIANA
 OHIO RIVER BRIDGES PROJECT
Environmental Impact Statement/Phase 2a Design
SURPLUS LAND ASSOCIATED WITH THE COMPLETION OF THE PROJECT

Scale 1:5000 Figure 6.2-29





LEGEND

- Waterfront Park and Extreme Sports Complex Boundaries
- Area of Direct Encroachment Associated with an In-Place Kennedy Interchange
- Area of Direct Encroachment Associated with a Relocated Kennedy Interchange

ALIGNMENT

- Kennedy Interchange Relocated
- Kennedy Interchange In-Place

RIGHT-OF-WAY

- Kennedy Interchange Relocated
- Kennedy Interchange In-Place

LOUISVILLE SOUTHERN INDIANA OHIO RIVER BRIDGES PROJECT

As recommended by the Department of Transportation
WATERFRONT PARK AND EXTREME SPORTS COMPLEX WITH ALIGNMENT CI

FIGURE 6.2-26



Determination of Feasible and Prudent

- Evaluated relative value of 4(f) properties
 - Butchertown Historic District
 - Waterfront Park
- Relocated Option determined to be feasible and prudent



Questions?

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