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1.0 SUMMARY

The Brent Spence Bridge Replacement/Rehabilitation project area corridor is located along a 7.8 mile segment of I-75 and I-71 within Kentucky (state line mile 186.7) and Ohio (state line mile 2.7). The project includes a No Build Alternative and two feasible build alternatives that have been recommended for further study. Because of the project's potential size, complexity and juxtaposition over political boundaries, the project area includes a number of distinctly different visual settings.

Visual settings found on the Ohio side of the project are comprised exclusively of urban industrial, commercial, high density residential and transportation land use views. Visual settings found on the Kentucky side of the project are comprised of urban commercial, suburban commercial, suburban medium density residential land use and vegetation area views. Additionally, there is a far greater emphasis on views of the river, bridges

This visual resources assessment considered the potential visual upset from the project at 22 representative locations in Covington, KY and Cincinnati, OH. The proposed project improvements were divided into four areas of activity which included:

- Widening or changes to I-71/I-75 on the Covington side of the Ohio River;
- Changes to the Brent Spence Bridge;
- A new bridge to the west of the existing Brent Spence Bridge; and
- New I-75 alignments and associated grade separations on the Cincinnati side of the Ohio River.

As the result of the analysis, it was found that the greatest amount of potential visual upset would be in the residential land uses to west of the Brent Spence Bridge on the south bank of the Ohio River. Of these land uses, those with the greatest level of potential upset are located on Wright Street and Western Avenue at an elevation that is the same or higher than the proposed improvements in the area. The area with the least level of potential upset would be in the suburban residential areas in the south of Covington. This is because the only changes proposed for this area include limited widening of the interstate.

2.0 BACKGROUND

2.1 Regulatory Guidance

The visual resources assessment was prepared in general accordance with the methodology found in *Visual Impact Assessment for Highway Projects* (Federal Highway Administration [FHWA] 1990). The FHWA guidance defines the visual environment by a descending order approach that considers the following geographic levels and visual attributes.

2.1.1 FHWA Visual Environment Geographic Levels and Attributes

- **Regional Landscape** – Regional landscapes are discussed in terms of their landform, topography and/or land cover components, which would include water, vegetation and manmade development.
- **Landscape Unit** – Landscape units are within the regional landscape and are essentially “outdoor rooms” that often correspond to places or districts that are named (i.e. downtown). Landscape units are usually enclosed by clear landform or land cover boundaries.
- **Visual Survey Locations** – Visual survey locations (VSL) are locations of specific interest to persons within the larger project area and landscape unit. Attributes of VSLs are described in terms of visual character, quality and visually sensitive resources. These are discussed below:
 - Visual Character – Visual character is discussed in terms of landform, water, vegetation, and manmade development found within the location.
 - Visual Quality – Visual quality is discussed in terms of the vividness, intactness, and unity of the location’s landscape components. Vividness, intactness and unity are discussed in detail below.
 - Vividness: Vividness is defined as the memorability of the visual impression received from contrasting landscape elements as they combine to form a striking and distinctive visual pattern.
 - Intactness: Intactness is defined as the integrity of visual order in the natural and man-built landscape, and the extent to which the landscape is free from visual encroachment.
 - Unity: Unity is defined as the degree to which the visual resources of the landscape join together to form a coherent, harmonious visual pattern. Unity refers to the compositional harmony or compatibility between landscape elements.

The visual quality of a location is considered high when its landscape components (landform, water, vegetation, manmade development) exhibit striking characteristics that convey visual excellence.

- Visually Sensitive Resources – Visually sensitive resources are those that are noted because of their potential to be important for historic or recreational reasons.

2.2 Defining the Project Area's Visual Attributes

The project area's regional landscapes, landscape units and VSLs were determined using online aerial photography (Google Earth[®]), topographic maps, project Geographic Information System (GIS) maps and field survey. These are discussed below by order of their use:

- Online aerial photographs were used to identify regional landscapes by determining their principal land cover. In the case of this visual resource assessment there are two principal land coverages: urban and suburban. The online aerial photographs were also used to identify landscape units. These were determined mostly by considering land use, topography and vegetation coverage.
- Topographic maps were used to verify elevation changes inferred by the aerial photographs and to indicate areas that would be topographically separated.
- Project GIS maps were used to indicate the locations of project improvements and their spatial and visual relationships with nearby visual receptors. Locations determined to have potential for visual change within the project were used as preliminary VSLs.
- Field survey was used to: verify the assumptions made with the resources above; retain or reject preliminary VSLs; and provide field determination of actual visual conditions.

VSLs retained for this visual resource assessment are presented in the discussion below and their associated images are included in Figures 1, 2, 3A, 3B and 3C.

3.0 REGIONAL LANDSCAPES AND LANDSCAPE UNITS

3.1 Covington Suburban Regional Landscape

The Covington Suburban Regional Landscape is also shown on Figure 1 and has been determined as a regional landscape because of its sprawling medium density suburban development. Suburban uses within this landscape unit include: transportation; limited multi-family residences; a number of medium density single-family residential subdivisions; limited office facilities and commercial uses commensurate suburban areas. Views in the south part of this landscape are somewhat more limited than those in its north part and those within the Ohio and Kentucky Urban Regional Landscape. This is because of trees, higher vegetation and topography. However, some locations have vistas because of their topography.

3.1.1 Covington Suburban Landscape Unit #1

The Covington Suburban Landscape Unit #1 is characterized by hilly topography, medium to high density residential land uses that include single-family and multi-family residences and vegetation consisting of higher bushes and trees. Many residential land uses in this landscape unit emphasize views of the Ohio River and Cincinnati skyline. This is partly evident by some of the place names observed in this unit.

3.1.2 Covington Suburban Landscape Unit #2

The Covington Suburban Landscape Unit #2 is characterized by mildly hilly to flat topography with medium density residential subdivisions and suburban commercial uses (e.g. limited strip type commercial uses).

3.2 Cincinnati/Covington Urban Regional Landscape

The Cincinnati/Covington Urban Regional Landscape is shown on Figure 1 and has been determined as a regional landscape because of its dense and extensive urban development. Urban uses within this regional landscape include: highway and rail transportation facilities; low-rise industrial and storage facilities; high-rise commercial and office uses; city parks; urban multi-family residences and a dense arrangement of single family residences. Because of the relatively minor presence of trees, especially in the center of this regional landscape, there are many open views of the highly urbanized environment.

3.2.1 Covington Urban Landscape Unit

The Covington Urban Landscape Unit is characterized by relatively flat topography with a slight declination northward toward the Ohio River. It is also characterized by medium density highway-related commercial land uses and parking lots.

3.2.2 Cincinnati Urban Landscape Unit #1

The Cincinnati Urban Landscape Unit #1 is characterized by relatively flat topography with the exception of intentional topographic change at the I-71/I-75 right of way. It is also characterized by a dense juxtaposition of single and multifamily residences with commercial and light industrial uses intermixed. The northern portion of this landscape unit is a historic district. There are no views of the Brent Spence Bridge or Ohio River from this landscape unit.

3.2.3 Cincinnati Urban Landscape Unit #2

The Cincinnati Urban Landscape Unit #2 has similar topography to the Cincinnati Urban Landscape Unit #1, and is characterized by a dense coverage of commercial, industrial, institutional and rail transportation land uses. This landscape unit has very limited views of the Brent Spence Bridge and Ohio River at its southern end.

4.0 VISUAL SURVEY LOCATIONS AND POTENTIAL UPSETS

VSLs selected for this visual resource assessment are presented in this section and their associated images are included in Figures 1, 2 3A, 3B and 3C. Their locations within the regional landscapes and landscape units discussed are shown in Table 1.

Table 1. Visual Survey Locations (VSL)

VSL	Landscape Unit	Regional Landscape
K1	Covington Urban Landscape Unit	Cincinnati/Covington Urban Regional Landscape
K2		
K3	Covington Suburban Landscape Unit #1	Covington Suburban Regional Landscape
K4		
K5		
K6		
K7		
K8		
K9		
K10		
K11		
K12		
K13		
K14	Covington Suburban Landscape Unit #2	
K15		
O1	Cincinnati Urban Landscape Unit #1	Cincinnati/Covington Urban Regional Landscape
O2		
O3		
O4	Cincinnati Urban Landscape Unit #2	
O5		
O6		
O7		

4.1 Kentucky VSL

4.1.1 VSL K15

VSL K15 is located at the open part of the yard at 512 Scenic Drive in the south portion of the Covington Suburban Regional Landscape and north portion of Covington Suburban Landscape Unit #2. The image of this location is shown on Figure 3C.

- **Visual Character** - The visual character of this VSL is that of suburban residential area that emphasizes views of the Covington and Cincinnati areas. It sits approximately 200 feet higher than I-71/I-75, and has a partially obscured view to the northeast, with views in all other directions being heavily obscured or occluded by trees, other residences and topography. Short vegetation on the hillside occlude nearly all views of I-71/I-75 below, so the view is nearly exclusive to far middle ground views of the Covington urban areas and background views of the Cincinnati area.

- **Visual Quality** – The vividness of this VSL is high because of its views of Covington and Cincinnati and the occlusion of transportation uses that are relatively close, but at a lower elevation. Its intactness is high because nearly all that is seen is middle to background views of a homogenous urban environment. Its unity is high because although the foreground view is different from middle and background views, there is a relatively clean transition from foreground to views beyond that does not conflict.
- **Visually Sensitive Resources** – The visually sensitive resources at this VSL include the vegetation and Covington and Cincinnati views.
- **Viewer Groups** – Viewer groups are those persons living in this residence.
- **Potential for Visual Upset** – There is no potential for visual upset at this VSL as the result of developing new I-71/I-75 alignment and associated grade separations on the Cincinnati side, a new bridge adjacent to the Brent Spence Bridge, or changes to the Brent Spence Bridge because the area of these changes/improvements is relatively distant.

The potential for visual upset at this VSL as the result of potential widening along I-71/I-75 is low because the topography change between I-71/I-75 and this VSL is such that the highway is not within view.

4.1.2 VSL K14

VSL K14 is located at in front of the residence at 1971 Pieck Drive in the south portion of the Covington Suburban Regional Landscape and south portion of Covington Suburban Landscape Unit #2. The image of this location is shown on Figure 3C.

- **Visual Character** - The visual character of this VSL is a single family residence at the edge of a suburban residential area that is bounded by I-71/I-75. Views in this area are obscured by trees and buildings in all directions. Trees in the back yard of this VSL screen I-71/I-75 from view. However, the highway is well within 100 feet of the back of this VSL.
- **Visual Quality** – The vividness of this VSL is low because it is within a relatively common residential visual setting with very few visual elements that would attract the eye. Its intactness is high because nearly all of the other residences are generally of the same design and placement. Its unity is low because the VSL and its adjacent and surrounding uses appear to have been developed without regard as to how they fit within their natural setting.
- **Visually Sensitive Resources** – The visually sensitive resources at this VSL include the trees and vegetation.
- **Viewer Groups** – Viewer groups are those persons who live in the residence.
- **Potential for Visual Upset** – There is no potential for visual upset at this VSL as the result of developing new I-71/I-75 alignment and associated grade separations on the Cincinnati side, a new bridge adjacent to the Brent Spence

Bridge, or changes to the Brent Spence Bridge because the area of these changes/improvements is out of visual range because of distance.

The potential for visual upset at this VSL as the result of potential widening along I-71/I-75 is high, especially if the widening required the removal of any of the existing trees that screen this VSL from the highway.

4.1.3 VSL K13

VSL K13 is located in front of the residence at 45 Rivard Drive in the south portion of the Covington Suburban Regional Landscape and center to south portion of Covington Suburban Landscape Unit #2. The image of this location is shown on Figure 3C.

- **Visual Character** - The visual character of this VSL is that of single family residence at the edge of a suburban residential area that is bounded by I-71/I-75. Views in this area are obscured by trees and buildings in all directions. Although I-71/I-75 is screened by trees from the west facing backyard of this VSL, it partially within view from the residence. I-71/I-75 emerges more prominently into the views from the north facing side of the residence because there is less vegetation and Rivard Drive provides the visual opening.
- **Visual Quality** – The vividness of this VSL is medium because although the residential area appears well maintained and otherwise pleasant to view, I-71/I-75 makes for a visual distraction. Its intactness is low because I-71/I-75 appears to intrude in this otherwise suburban residential setting. Its unity is low because I-71/I-75 appears incompatible with other view/landscape attributes.
- **Visually Sensitive Resources** – The visually sensitive resources at this VSL include the trees and vegetation.
- **Viewer Groups** – Viewer groups are those persons who live in the residence.
- **Potential for Visual Upset** – There is no potential for visual upset at this VSL as the result of developing new I-71/I-75 alignment and associated grade separations on the Cincinnati side, a new bridge adjacent to the Brent Spence Bridge, or changes to the Brent Spence Bridge because the area of these changes/improvements is well out of visual range because of distance.

The potential for visual upset at this VSL as the result of potential widening along I-71/I-75 is high, especially if the widening required the removal of any of the existing trees that screen this VSL from the highway.

4.1.4 VSL K12

VSL K12 is located at the vista area of Devou Park in the north portion of the Covington Suburban Regional Landscape and southeast portion of Covington Suburban Landscape Unit #1. The image of this location is shown on Figure 3B.

- **Visual Character** - The visual character of this VSL is a community park in a suburban environment that emphasizes views of Cincinnati, Covington and Newport. It sits approximately 330 feet higher than the Brent Spence Bridge, and has relatively unimpeded views from north to east. Views in all other directions are occluded by trees. Short vegetation on the hillside occludes nearly all views of the nearby Covington areas at lower elevations, obscures the Brent Spence Bridge, allows partial views of the Ohio River and a full view of the Cincinnati skyline.
- **Visual Quality** – The vividness of this VSL is high because of its open views and the occlusion of residential, transportation and commercial land uses that are relatively close, but at a lower elevation in Covington. Its intactness is high because nearly all that is seen is middle to background views of a homogenous urban environment. Its unity is high because although the foreground view is different from middle and background views, there is a relatively clean transition from foreground to views beyond that does not conflict.
- **Visually Sensitive Resources** – The visually sensitive resources at this VSL include the vegetation and the Cincinnati skyline.
- **Viewer Groups** – Viewer groups are those persons who utilize Devou Park and its pavilion.

Potential for Visual Upset – No potential upsets are expected at this VSL because of the development of the new I-71/I-75 alignment and associated grade separations on the Cincinnati side because they are out of visual range because of angle, location and vegetation.

The potential for visual upset at this VSL as the result of developing a new bridge adjacent to the Brent Spence Bridge is low because of the poor ability to see it as a result of view angle and location.

The potential for visual upset at this VSL as the result of changes to the Brent Spence Bridge is low because most of the bridge is obscured by vegetation.

No visual upsets are likely to occur as the result of changes to I-71/I-75 at this VSL because of the poor ability to see them as a result of view angle and location.

4.1.5 VSL K11

VSL K11 is located at the back of the single family residence at 1124 Panorama Drive in the north portion of the Covington Suburban Regional Landscape and east to center portion of Covington Suburban Landscape Unit #1. The image of this location is shown on Figure 3B.

- **Visual Character** - The visual character of this VSL is a single family residence that emphasizes the view of the Cincinnati skyline. It sits approximately 330 feet higher than the Brent Spence Bridge, and has relatively unimpeded views from the west-northwest to the northeast. Views in all other directions are occluded by

trees or other buildings. Short vegetation on the hillside occludes any views of the nearby Covington areas at lower elevations, and allows only partial views of the Ohio River and full views of the Cincinnati area in the middle ground and background, respectively. None of the Brent Spence Bridge is seen from this location, but the location of proposed new I-71/I-75 alignment and associated interchanges in Cincinnati would be within full view. View angle/location and vegetation at this VSL would occlude views of the new bridge to the west of the Brent Spence Bridge.

- **Visual Quality** – The vividness of this VSL is high because of its open views and the occlusion of the residential land uses that are relatively close, but at a lower elevation in Covington. Its intactness is high because nearly all that is seen is middle to background views of a homogenous urban environment. Its unity is high because although the uses visible are different, they have relatively clean transitions that do not conflict.
- **Visually Sensitive Resources** – The visually sensitive resources at this VSL include the vegetation and the Cincinnati skyline.
- **Viewer Groups** – Viewer groups are those persons who live in the residences.
- **Potential for Visual Upset** – The potential for visual upset to this VSL because of the development of the new I-71/I-75 alignment and associated grade separations of I-75 on the Cincinnati side is medium. Although the improvements would be low on the horizon, this VSL would be higher than the improvements, and therefore viewers within this VSL would have the potential for “busier” views than those existing because of the ongoing movement of vehicles as seen from a higher elevation.

The potential for visual upset at this VSL as the result of developing a new bridge adjacent to the Brent Spence Bridge is low because of the inability to see it as a result of view angle and location.

No visual upset would occur to this VSL because of changes of the Brent Spence Bridge because the Brent Spence Bridge is well out of view.

No visual upset would occur to this VSL as the result of changes to I-71/I-75 south of the Ohio River because of the inability to see them as a result of view angle and location.

4.1.6 VSL K10

VSL K10 is located on the northeastern common lawn area of the Bluff Apartments at Devou Park in the north portion of the Covington Suburban Regional Landscape and east portion of Covington Suburban Landscape Unit #1. The image of this location is shown on Figure 3B.

- **Visual Character** - The visual character of this VSL is multi-family residence that emphasizes views of the Cincinnati, Covington and Newport areas. It sits approximately 300 feet higher than the Brent Spence Bridge, and has relatively

unimpeded views from the northwest to the east.¹ Views in all other directions are occluded by trees. Short vegetation on the hillside occludes any views of the nearby Covington areas at lower elevations, and allows only views of Covington in the middle ground with the Cincinnati and Newport areas in the background. Nearly the entire Brent Spence Bridge is seen from this location.

- **Visual Quality** – The vividness of this VSL is high because of its open views and the occlusion of the transportation and commercial land uses that are relatively close, but at a lower elevation in Covington. Its intactness is high because nearly all that is seen is middle to background views of a homogenous urban environment. Its unity is high because although the uses visible are different, they have relatively clean transitions that do not conflict.
- **Visually Sensitive Resources** – The visually sensitive resources at this VSL include the vegetation Brent Spence Bridge and the Cincinnati skyline.
- **Viewer Groups** – Viewer groups are those persons who live in the apartment residences.
- **Potential for Visual Upset** – There would be no visual upsets related to the development of the potential new I-71/I-75 alignment and associated grade separations on the Cincinnati side because they would be out of view range from this VSL.

The potential for visual upset at this VSL as the result of developing a new bridge adjacent to the Brent Spence Bridge is low. This is because the area that a new bridge would be in is out of view because of vegetation.

Visual upsets related to changes of the Brent Spence Bridge would be high because there is a direct and unimpeded view of the Brent Spence Bridge within a relatively close range (approximately 1,900 feet).

The potential for visual upset at this VSL as the result of changes to the I-71/I-75 south of the Ohio River is low. This is because the area that these changes would be in is mostly out of view because of vegetation.

4.1.7 VSL K9

VSL K9 is located at the walkway along the north side of the residence at 521 Western Avenue in the north portion of the Covington Suburban Regional Landscape and east portion of Covington Suburban Landscape Unit #1. The image of this location is shown on Figure 3B.

- **Visual Character** - The visual character of this VSL is similar to K8, but it is more visually separate from the transportation and commercial uses discussed in K8. Its visual character is that of a medium to high density single family residential area with mature trees and lower story vegetation. While it is just outside the

¹ Based on the USGS online 7.5 minute topographic quadrangle map of Covington, KY found at [http://store.usgs.gov/b2c_usgs/usgs/maplocator/\(xcm=r3standardpitrex_prd&layout=6_1_61_48&uiarea=2&ctype=areaDetails&area=%24ROOT\)/.do](http://store.usgs.gov/b2c_usgs/usgs/maplocator/(xcm=r3standardpitrex_prd&layout=6_1_61_48&uiarea=2&ctype=areaDetails&area=%24ROOT)/.do)

boundary of an area having a high concentration of transportation and commercial uses (uses in the Covington Urban Landscape Unit). Its views of this area are obscured by trees, lower vegetation and other buildings. Views are open to the northeast and east, but are obscured by trees from the southeast to south and occluded by topography in all other directions. Views from this location include the Brent Spence Bridge in the middle ground and Cincinnati skyline in the background.

- **Visual Quality** – The vividness of this VSL is medium because although it is on a hillside that allows some open views for the Brent Spence Bridge and Cincinnati skyline and some of the farther away views of Covington and Newport, Kentucky, the remainder of the views from this VSL are either obscured or occluded by residential uses. Its intactness is medium because although the residential area presents a predictably repetitive pattern of residences, trees and semi open views, the views of the Brent Spence Bridge and Cincinnati skyline are dissimilar to views in the foreground. Unity is low because the uses visible in view are dissimilar.
- **Visually Sensitive Resources** – The visually sensitive resources at this VSL include the trees, Brent Spence Bridge and the Cincinnati skyline.
- **Viewer Groups** – Viewer groups are those persons who live in the residences.
- **Potential for Visual Upset** – There would be no visual upsets related to the development of the potential new I-71/I-75 alignment and associated grade separations on the Cincinnati side because they would be out of view range from this VSL.

The potential for visual upset at this VSL as the result of developing a new bridge adjacent to the Brent Spence Bridge is medium. This is because although the new I-71/I-75 alignment leading to and from the new bridge could be within 300 feet to the east of this location. It would be screened by trees, vegetation and buildings across Western Avenue from this VSL.

Visual upsets related to changes of the Brent Spence Bridge would be high because the view of the Brent Spence Bridge is relatively unimpeded and it is within view a relatively close range (approximately 1,500 feet).

The potential for visual upset at this VSL as the result of changes to I-71/I-75 south of the Ohio River is medium. This is because although these changes would be within 500 feet to the east of this location they would be screen by vegetation in this area.

4.1.8 VSL K8

VSL K8 is located at the porch of the residence at 446 Western Avenue in the north portion of the Covington Suburban Regional Landscape and east portion of Covington Suburban Landscape Unit #1. The image of this location is shown on Figure 3A.

- **Visual Character** - The visual character of this VSL is similar to K4, but it is nearer to the transportation and commercial uses discussed in K4. Its visual character is medium to high density single residential area with mature lower story vegetation and some apparently younger trees, just outside the boundary of an area having a high concentration of transportation and commercial uses (uses in the Covington Urban Landscape Unit). Views are open to the north, northeast and east, but constrained because of topography, trees or buildings in all other directions.
- **Visual Quality** – The vividness of this VSL is medium because although it is on a hillside that allows some open views for the Brent Spence Bridge and Cincinnati skyline, there are other views of a highly urbanized area and the residential area itself is typical of others nearby. Its intactness is low because although the residential area presents a predictably repetitive pattern of residences, trees and semi open to open views, the residences and roadway were not developed to harmonize within their natural setting and the views look upon transportation and commercial uses in the fore- to middle-ground. Unity is low because the uses visible in view are dissimilar.
- **Visually Sensitive Resources** – The visually sensitive resources at this VSL include the vegetation and the Cincinnati skyline in the background.
- **Viewer Groups** – Viewer groups are those persons who live in the residences.
- **Potential for Visual Upset** – There would be no visual upsets related to the development of the potential new I-71/I-75 alignment and associated grade separations on the Cincinnati side because they would be out of view range from this VSL.

The potential for visual upset at this VSL as the result of developing a new bridge adjacent to the Brent Spence Bridge is high. This is because the potential new bridge could be within 150 feet to the east of this location and well within view.

Visual upsets related to changes of the Brent Spence Bridge would be high because they would be well within view because the angle of view from this VSL would be unobstructed by a new bridge west of Brent Spence Bridge.

The potential for visual upset at this VSL as the result of changes to I-71/I-75 south of the Ohio River is high. This is because these changes would be within 100 feet to the east of this location and well within views of the backs of the residences on the east side of Wright Street and partly within view of the residences on the west side of Wright Street.

4.1.9 VSL K7

VSL K3 is located on the third floor balcony of the residence at the east end of the Hillside Condominiums on Virginia Lane, approximately 0.25 mile to the west of the Brent Spence Bridge, on the south bank of the Ohio River, in the north portion of the Covington Suburban Regional Landscape and north center portion of Covington Suburban Landscape Unit #1. The image of this location is shown on Figure 3A.

- **Visual Character** - The visual character of this VSL is that of a multi-unit residential use along a riverfront within a medium density residential area with trees and lower story vegetation. Views are open from the northwest to the northeast, but are constrained in all other directions as the result of either vegetation or other buildings.
- **Visual Quality** – The vividness of this VSL is high because of its treetop views of the Ohio River, Brent Spence Bridge and Cincinnati Skyline. Its intactness is medium to high because of the trees that sit low in the foreground, Ohio River in the middle ground and Cincinnati skyline in the background making relatively clean transitions from each other. Its unity is high because although three principal views are present (those named under intactness), they each are individually compatible. Their transitions are not ragged therefore they are effectually three different yet compatible views. Its unity is high because, for the most part, its visual area includes the trees, river views and Cincinnati skyline, and these three present a relatively simple view that is not complicated by a number of other uses.
- **Visually Sensitive Resources** – The visually sensitive resources at this VSL are the Ohio River, Cincinnati skyline and trees.
- **Viewer Groups** – Viewer groups are those persons who live in the condominium building.
- **Potential for Visual Upset** – The potential for visual upset to this VSL because of the development of the new I-71/I-75 alignment and associated grade separations on the Cincinnati side is medium. Although the improvements would be low on the horizon, this VSL would be higher than the improvements, and therefore viewers within this VSL would have the potential for “busier” views than those existing because of the ongoing movement of vehicles as seen from a higher elevation.

The potential for visual upset at this VSL as the result of developing a new bridge adjacent to the Brent Spence Bridge is high. This is because the potential new bridge could be within 225 feet to the east of this location and well within view because of the height of the bridge as it passes this location.

The potential for visual upset to this VSL because of changes of the Brent Spence Bridge is medium because the Brent Spence Bridge is in the background of this VSL’s views and it can be seen relatively well beyond other potential improvements because of the elevation of this VSL.

There is no potential for visual upset at this VSL related to the changes to I-71/I-75 south of the Ohio River because the areas of the potential changes are out of view from this VSL.

4.1.10 VSL K6

VSL K6 is the east corner of Highway Avenue and Wright Street on the south bank of the Ohio River, in the north portion of the Covington Suburban Regional Landscape and

north center portion of Covington Suburban Landscape Unit #1. The image of this location is shown on Figure 3A.

- **Visual Character** - The visual character of this VSL is a residence on an urban collector street at the edge of a residential area along the riverfront with somewhat overgrown trees and lower story vegetation. Views are open somewhat to the northwest, but closed because of topography, vegetation or other buildings and structures in all other directions.
- **Visual Quality** – The vividness of this VSL is low because although it sits directly across the street from the Ohio River, it is somewhat unkempt, and the adjacent residential and roadway uses appear relatively pedestrian and unmemorable. Its intactness is low because of visual encroachments from other land uses (e.g. a river floodwall and electrical towers). Its unity is low because, it is dissimilar from nearby land uses, and the land uses within view are numerous (e.g. condos, roadways and commercial uses to the east).
- **Visually Sensitive Resources** – The visually sensitive resources at this VSL are the trees on the north of Highway Avenue.
- **Viewer Groups** – Viewer groups are primarily roadway user on Highway Avenue and the north end of Wright Street and residents of this VSL.
- **Potential for Visual Upset** – The potential for visual upset to this VSL because of the development of the new I-71/I-75 alignment and associated grade separations on the Cincinnati side is very low because they would be low on the horizon, occluded by trees in the spring, summer and fall and obscured by trees in the winter.

The potential for visual upset at this VSL as the result of developing a new bridge adjacent to the Brent Spence Bridge is high. This is because the potential new bridge could be within 200 feet to the east of this location and well within view because of the height of the bridge as it passes this location.

There is very little potential for visual upset to this VSL because of changes to the Brent Spence Bridge because the Brent Spence Bridge is beyond the trees and otherwise out of view.

There is no potential for visual upset at this VSL related to the changes to I-71/I-75 south of the Ohio River because the areas of the potential changes are out of view from this VSL.

4.1.11 VSL K5

VSL K5 is located at the Hathaway Court Senior Citizen's Apartment off of Hathaway Drive, approximately 0.5 mile to the west of the Brent Spence Bridge, on the upper south bank of the Ohio River, in the north portion of the Covington Suburban Regional Landscape and northwestern portion of Covington Suburban Landscape Unit #1. The image of this location is shown on Figure 3A.

- **Visual Character** - The visual character of this VSL is multi-residence high rise building nearby a riverfront within a medium density residential area with trees

and much lower story vegetation. Because of this VSL's height, views open in all directions.

- **Visual Quality** – The vividness of this VSL is high because of its Ohio River and Cincinnati Skyline views. Its intactness is medium to high because of the predictable residential pattern in the foreground, Ohio River in the middle ground and Cincinnati skyline in the background making relatively clean transitions from each other. Its unity is high because although three principal views are present (those named under intactness), they each are individually compatible and their transitions are not ragged therefore they are effectually three different yet compatible views.
- **Visually Sensitive Resources** – The visually sensitive resources at this VSL are the Ohio River, Cincinnati skyline and views of the vegetated residential surrounding area.
- **Viewer Groups** – Viewer groups are the residents in the apartment building.
- **Potential for Visual Upset** – The potential for visual upset to this VSL because of the development of the new I-71/I-75 alignment and associated grade separations on the Cincinnati side is medium. Although the improvements would be low on the horizon, this VSL would be higher than the improvements, and therefore viewers within this VSL would have the potential for “busier” views than those existing because of the ongoing movement of vehicles as seen from a higher elevation.

The potential for visual upset at this VSL as the result of developing a new bridge adjacent to the Brent Spence Bridge is high. This is because the potential new bridge could be within 0.50 mile to the east of this location, but well within view because of this VSL's height. Additionally, depending upon the height of the new bridge, it would have the potential to obscure views of the Cincinnati skyline.

The potential for visual upset to this is low VSL because of changes of the Brent Spence Bridge in the background of this VSL's views and it would be beyond other potential improvements.

There is no potential for upset to this VSL as the result of changes to I-71/I-75 south of the Ohio River because this area is out of view from this VSL.

4.1.12 VSL K4

VSL K4 is located at 309 Wright Street, in the north portion of the Covington Suburban Regional Landscape and eastern portion of Covington Suburban Landscape Unit #1. The image of this location is shown on Figure 3A.

- **Visual Character** - The visual character of this VSL is medium to high density single residential area with mature lower story vegetation and some trees. This is just outside the boundary of an area having a high concentration of transportation and commercial uses (uses in the Covington Urban Landscape Unit). Views are open to the northeast and east, but constrained because of topography, trees or buildings in all other directions.

- **Visual Quality** – The vividness of this VSL is low because although it is on a hillside that allows some semi open views, the views are of a highly urbanized area and the residential area itself is typical of others nearby. Its intactness is medium because although the residential area presents a predictably repetitive pattern of residences, trees and semi-open views, the residences and roadway were not developed to harmonize within their natural setting. Unity is low because the uses visible in the background are dissimilar to uses in the foreground.
- **Visually Sensitive Resources** – The visually sensitive resources at this VSL are relatively limited and include the vegetation that intertwines the residential uses.
- **Viewer Groups** – Viewer groups are those persons who live in the residences.
- **Potential for Visual Upset** – There would be no visual upsets related to the development of the potential new I-71/I-75 alignment and associated grade separations on the Cincinnati side because they would be out of view range from this VSL.

The potential for visual upset at this VSL as the result of developing a new bridge adjacent to the Brent Spence Bridge is high. This is because the potential new bridge could be within 0.10 mile to the east of this location and well within views of the backs of the residences on the east side of Wright Street and within the semi open views to the residences on the west side of Wright Street.

Visual upsets related to changes of the Brent Spence Bridge would be medium because they would be beyond the views of other potential improvements.

The potential for visual upset at this VSL as the result of changes to I-71/I-75 south of the Ohio River is high. This is because these changes would be within 500 feet to the east of this location and well within views of the backs of the residences on the east side of Wright Street. However, they would be far less pronounced within the semi open views to the residences on the west side of Wright Street.

4.1.13 VSL K3

VSL K3 is located above the pool area of the Harbor House Apartments located on Swain Court approximately 0.5 mile to the west of the Brent Spence Bridge, on the south bank of the Ohio River, in the north portion of the Covington Suburban Regional Landscape and northwestern portion of Covington Suburban Landscape Unit #1. The image of this location is shown on Figure 3A.

- **Visual Character** - The visual character of this VSL is multi-family residential use along a riverfront within a medium density residential area with much lower story vegetation. Views are open to the north but constrained in all other directions as the result of either vegetation or other buildings.
- **Visual Quality** – The vividness of this VSL is medium because although the location appears in need of maintenance in some areas and is set among much

lower story vegetation, these negative attributes are offset by the positive attributes of its Ohio River and Cincinnati Skyline views. Its intactness is medium because although the building itself lacks character (it is a basic brick rectangular structure) appears to sit comfortably in its lower story vegetated setting. Its unity is high because, for the most part, its visual are includes the apartment building, river views and lower story vegetation, and these three present a relatively simple view that is not complicated by a number of other uses.

- **Visually Sensitive Resources** – The visually sensitive resources at this VSL are the Ohio River, Cincinnati skyline and views of the vegetated surrounding area.
- **Viewer Groups** – Viewer groups are those persons who live in the apartment building.
- **Potential for Visual Upset** – The potential for visual upset to this VSL because of the development of the new I-71/I-75 alignment and associated grade separations on the Cincinnati side is low because they would be low on the horizon and backed by higher views of the Cincinnati downtown land uses. The potential for visual upset at this VSL as the result of developing a new bridge adjacent to the Brent Spence Bridge is high. This is primarily because the potential new bridge could be within 0.25 mile to the east of this location and well within view, thus having the potential to be highly visible and obscuring of views of the Cincinnati skyline.

The potential for visual upset to this VSL because of changes of the Brent Spence Bridge is low because the Brent Spence Bridge is in the background of this VSL's views and it would be beyond other potential improvements.

There is no potential for upset to this VSL as the result of changes to I-71/I-75 south of the Ohio River because this area is out of view from this VSL.

4.1.14 VSL K2

VSL K2 is located in the dining room of the Radisson Hotel's top floor restaurant called Riverview Three Sixty in the center to southwestern portion of the Cincinnati/Covington Regional Landscape and western portion of Covington Urban Landscape Unit. The image of this location is shown on Figure 3A.

- **Visual Character** - The visual character of this VSL is a commercial restaurant that emphasizes river views, views of the Cincinnati skyline and views of the Covington and Newport. The Three Sixty restaurant is a revolving restaurant and has open views in all directions.
- **Visual Quality** – The vividness of this VSL is high because of its appeal to see views from unique angles. Its intactness is low because the restaurant is located in an area where urban uses transition to suburban uses, and in the transition there is somewhat non-cohesive visual attributes. Its unity is low for the same reason.

- **Visually Sensitive Resources** – The visually sensitive resources at this VSL are the Ohio River, Cincinnati skyline and views of the more vegetated residential hillside areas to the west in Kentucky.
- **Viewer Groups** – Viewer groups are those persons who utilize the restaurant's dining area.
- **Potential for Visual Upset** – The potential for visual upset at this VSL as the result of changes to I-71/I-75 in Cincinnati, development of a new bridge adjacent to the Brent Spence Bridge, and the Brent Spence Bridge itself is medium, this is because the restaurant already has views to the northwest and north that are relatively complicated by the existing transportation and urban uses. The potential changes to I-71/I-75, addition of another bridge or changes to the Brent Spence Bridge would represent additions to this view, but the additions would be similar to present uses. Changes to I-71/I-75 south of the Ohio River would result in medium upsets because although they would be very visible, they would match the character of the existing transportation uses and fall within a background category view.

4.1.15 VSL K1

VSL K1 is located in the dining room of the Jeff Ruby Waterfront Restaurant in the center portion of the Cincinnati/Covington Regional Landscape and northern portion of Covington Urban Landscape Unit. The image of this location is shown on Figure 3A.

- **Visual Character** - The visual character of this VSL is that of a commercial restaurant that emphasizes river and bank views and views of the Cincinnati skyline. Views are open to the north, northeast and northwest and closed in all other directions.
- **Visual Quality** – The vividness of this VSL is high because of its pleasant riverside setting across from the Cincinnati downtown area. Its intactness is medium to high because although there are a number of visible land uses seen across the river (including some of those in VSL O7), the Cincinnati skyline and Ohio River provide a greater visual attractant. Its unity is medium to high for the same reasons as its intactness is medium to high. Especially during the dusk and evening timeframes when the lights of the Cincinnati skyline are main focal points.
- **Visually Sensitive Resources** – The visually sensitive resources at this VSL are the Ohio River and Cincinnati skyline.
- **Viewer Groups** – Viewer groups are those persons who utilize the restaurant's dining area and boaters on the Ohio River.
- **Potential for Visual Upset** – The potential for visual upset at this VSL as the result of changes to I-71/I-75, development of a new bridge adjacent to the Brent Spence Bridge, and the Brent Spence Bridge itself is medium because of where these changes would fall into view. The Brent Spence Bridge is present within

the west background of views from this VSL, but at an angle that does not show much of the bridges deck traffic or lanes. Also, the Clay Wade Bailey Bridge obstructs some of the view of the Brent Spence Bridge. The east side of the bridge's superstructure and bottom of the deck is the most visually notable attributes, and any structures developed to the west of the Brent Spence Bridge (in the background of this VSL's view) would fall within a secondary visual consideration. Changes to I-71/I-75 are out of visual range of this VSL.

4.2 OHIO VSL

4.2.1 VSL O7

VSL O7 is located at the in front of the building at 724 Mehring Way in the center western portion of the Cincinnati/Covington Regional Landscape and far southern portion of Cincinnati Urban Landscape Unit #2. This is the location of the NRHP-eligible John Mueller house. The image of this location is shown on Figure 2.

- **Visual Character** - The visual character of this VSL is that of an industrial area with large to very large former storage buildings, flat topography, large coal storage lots, electric substations, parking lots, rail spurs and street trees. The I-71/I-75 and Brent Spence Bridge are within the background views from this VSL to the east and southeast.
- **Visual Quality** – The vividness of this VSL is low because of its being within a highly urbanized industrial area. Its intactness is low because industrial uses encroach in all of the areas viewed. Its unity is low because the visual attributes within view do not form a coherent visual pattern.
- **Visually Sensitive Resources** – The visually sensitive resource at this VSL is the John Mueller house itself due to its potential for the listing on the National Register of Historic Places (NRHP). However, its existing visual setting degrades from positive visual attributes that the structure may have.
- **Viewer Groups** – Viewer groups are negligible to none. This is because there appears to be nobody occupying the NRHP-eligible John Mueller House. Other nearby land uses appear only periodically or are occasionally occupied. Use of Mehring Road in this area appears to be relatively minimal as compared to other local roadways,
- **Potential for Visual Upset** – The potential for visual upset at this VSL as the result of changes to I-71/I-75 and a new bridge adjacent to the Brent Spence Bridge would be high because there would be direct views (within 300 feet) of the new bridge. Changes to the Brent Spence Bridge would likely result in a low visual upset because it is partially occluded by other buildings. No visual upset would occur with the I-71/I-75 changes south of the Ohio River because they would be occluded by the new bridge.

4.2.2 VSL O6

VSL O6 is located at the vacant lot located to the west of the NRHP-listed Longworth Hall building in the center western portion of the Cincinnati/Covington Regional

Landscape and far southern portion of Cincinnati Urban Landscape Unit #2. The image of this location is shown on Figure 2.

- **Visual Character** - The visual character of this VSL is that of an industrial area with large to very large former storage buildings, flat topography, large coal storage lots, electric substations, parking lots, rail spurs and street trees. I-71/I-75 and Brent Spence Bridge are within the background views from this VSL to the east and southeast.
- **Visual Quality** – The vividness of this VSL is low because of its being within a highly urbanized industrial area. Its intactness is low because industrial uses encroach in all of the areas viewed. Its unity is low because the visual attributes within view do not form a coherent visual pattern.
- **Visually Sensitive Resources** – The visually sensitive resource at this VSL is the Longworth Hall building itself due to its listing on the NRHP. However, its existing visual setting degrades from positive visual attributes that the structure may have.
- **Viewer Groups** – Viewer groups at this VSL are the occupants in Longworth Hall building. Use of Mehring Road in this area appears to be relatively minimal as compared to other local roadways, thus a negligible number of on-road viewers are present.
- **Potential for Visual Upset** – The potential for visual upset at this VSL as the result of changes to I-71/I-75 and a new bridge adjacent to the Brent Spence Bridge would be high because occupants within Longworth Hall would have direct views (within 50 feet) of the new bridge. Changes to the Brent Spence Bridge would likely result in a low visual upset.

No visual upset would occur with the I-71/I-75 changes south of the Ohio River because they would be occluded by the new bridge.

4.2.3 VSL O5

VSL O5 is located at the east end of the property of the National Register of Historic Places (NRHP) eligible Harriet Beecher Stowe School building (occupied by Fox Channel 19 and offices) in the center western portion of the Cincinnati/Covington Regional Landscape and southern portion of Cincinnati Urban Landscape Unit #2. The image of this location is shown on Figure 2.

- **Visual Character** - The visual character of this VSL is that of a roadway dominated highly urbanized industrial area with intentional topographic changes as the result of highway development with trees and lower vegetation. Views at this VSL are open to the Cincinnati skyline to the north, but are relatively closed as the result of trees and dense bushes to the east, south and west.
- **Visual Quality** – The vividness of this VSL is low because of it being within a highly urbanized industrial area between a number of roadways. Its intactness is low because industrial or transportation uses encroach in the areas viewed.

Its unity is low because the visual attributes within view do not form a coherent visual pattern.

- **Visually Sensitive Resources** – The visually sensitive resource at this VSL is the NRHP-eligible Harriet Beecher Stowe School building itself. However, its existing visual setting degrades the structure's architectural, historic and aesthetic value
- **Viewer Groups** – Viewer groups at this VSL are the occupants within the Fox 19 Television/NHRP-eligible Harriet Beecher Stowe School building and travelers and its adjacent roadways.
- **Potential for Visual Upset** – The potential for visual upset at this VSL as the result of changes to I-75 is low because of the high level of visual upset that has already occurred the result of industrial and roadway development. The development of a new bridge adjacent to the Brent Spence Bridge, changes to the Brent Spence Bridge and any changes to the I-75 south of the Ohio River would not be able to be seen from this location because transportation grade separated interchange bridges impede such views.

4.2.4 VSL O4

VSL O4 is located at the drop off area in front of the Union Terminal in the northwestern portion of the Cincinnati/Covington Regional Landscape and center western portion of Cincinnati Urban Landscape Unit #2. The image of this location is shown on Figure 2.

- **Visual Character** - The visual character of this VSL is that of a historic urban train terminal within an urban park setting in a relatively flat area with ornamental trees and lawns. Views to the north, east and south are open to other urban land uses and transportation facilities, but are closed to the west as the result of the large train terminal structure. The area also includes a man made ornamental water fountains and falls.
- **Visual Quality** – The vividness of this VSL is medium to high because of the landscaping developed to update the train station and its parking area as an urban park. Its intactness is medium to high because although a number of dissimilar visual attributes exist in the area, the landscaping itself provides somewhat of a buffer to the urban uses in the background. Its unity is low because the visual attributes within view do not form a coherent visual pattern.
- **Visually Sensitive Resources** – The visually sensitive resources at this VSL include the train terminal and landscaped areas.
- **Viewer Groups** – Viewer groups at this VSL are primarily travelers on Ezzard Charles Drive (the drive to the train terminal) and those that may loiter at the landscaped areas immediately outside of the train terminal.
- **Potential for Visual Upset** – The potential for visual upset at this VSL as the result of changes to I-75 is low because the I-75 is in the background views of this location at the same or a lower elevation. The proposed improvements

including: a new bridge adjacent to the Brent Spence Bridge; changes to the Brent Spence Bridge; and improvements to I-75 south of the Ohio River are too far out of visual range at the same elevation to result in visual upsets.

4.2.5 VSL O3

VSL O3 is located at the corner of West Court Street and Cutter Street in the northern portion of the Cincinnati/Covington Regional Landscape and southern portion of Cincinnati Urban Landscape Unit #1. The image of this location is shown on Figure 2.

- **Visual Character** - The visual character of this VSL is an urban high density residential and park that is a relatively flat area with some light industrial uses, trees, lower vegetation and grass. Views are relatively open to other urban land uses at all quarters and include residential to the north, industrial to the east, park and baseball fields to the south/southwest and transportation to the west.
- **Visual Quality** – The vividness of this VSL is medium because of the presence of the park and baseball fields which adds to the tranquility of the otherwise busy urban area. Its intactness is medium because although a number of dissimilar visual attributes exist in the area, the park is the largest visual presence to viewers. Its unity is low because the visual attributes within view do not form a coherent visual pattern.
- **Visually Sensitive Resources** – The visually sensitive resources at this VSL include the park and baseball fields.
- **Viewer Groups** – Viewer groups at this VSL are primarily the residences along the north side of West Court Street and to a lesser extent, travelers on West Court Street.
- **Potential for Visual Upset** – The potential for visual upset at this VSL as the result of changes to I-75 is high if changes were to involve the removal or substantial reduction of trees that visually separate the highway from the park and baseball fields. The proposed improvements including: a new bridge adjacent to the Brent Spence Bridge; changes to the Brent Spence Bridge; and improvements to I-75 south of the Ohio River would not be able to be seen from this location unless the trees are removed and not replaced.

4.2.6 VSL O2

VSL O2 is located at the corner of York Street and Lubke Alley along the western margin of the Dayton Street Historic District in the northern portion of the Cincinnati/Covington Regional Landscape and center western portion of Cincinnati Urban Landscape Unit #1. The image of this location is shown on Figure 2.

- **Visual Character** - The visual character of this VSL is that of a roadway dominated, relatively flat area with intentional and abrupt grade changes as the result of developing I-75, with older single family residences (similar to that of VSL O1) and industrial uses, all with very little vegetation. Views to the west open onto the I-75 right of way, but are occluded by small trees and other

vegetation growing along the highway's fencing. Views to the north, east and south are closed off by buildings.

- **Visual Quality** – The vividness of this VSL is low because of its presence within a somewhat poorly maintained urban residential and industrial setting. Its intactness is low because of the number of dissimilar visual attributes visible around the area (transportation, industrial and residential uses). Its unity is low because the visual attributes within view do not form a coherent visual pattern.
- **Visually Sensitive Resources** – The visually sensitive resources at this VSL include the residences along York Street that are consider historic and are part of the Dayton Street Historic District.
- **Viewer Groups** – Viewer groups at this VSL are primarily the residents along York Street and to a far lesser extent, travelers on Winchell Avenue at the west end of York Street.
- **Potential for Visual Upset** – The potential for visual upset at this VSL as the result of changes to I-75 is low because of the apparent low quality of visual resources and ability to see any changes to the highway as the result of topographic separation and occlusion by vegetation. The proposed improvements including: a new bridge adjacent to the Brent Spence Bridge; changes to the Brent Spence Bridge; and improvements to I-75 south of the Ohio River are too far out of visual range at the same elevation to result in visual upsets.

4.2.7 VSL O1

VSL O1 is located at 2333 West McMicken Avenue in Cincinnati in the northern portions of the Cincinnati/Covington Regional Landscape and Cincinnati Urban Landscape Unit #1. The image of this location is shown on Figure 2.

- **Visual Character** - The visual character of this VSL is that of a roadway dominated, mildly hilly area with older single family residences (assumed developed in late 1800's) that are intertwined with old growth trees and lower story vegetation. Views to the west open onto the I-75 and Western Hills Viaduct rights-of-way and to the south into the industrial areas north of the Dayton Street Historic District.
- **Visual Quality** – The vividness of this VSL is low because of its presence within a somewhat poorly maintained urban residential setting (at least one adjacent residence appears derelict). Its intactness is low because of the number of dissimilar visual attributes around the area (transportation, industrial and residential uses). Its unity is low because the visual attributes do not form a coherent visual pattern.
- **Visually Sensitive Resources** – The visually sensitive resources at this VSL include some residences that may have the potential to be considered historic based on their apparent construction timeframe as evidenced by their architectural style and condition.

- **Viewer Groups** – Viewer groups at this VSL are primarily the residences along West McMicken Avenue and to a far lesser extent, travelers on W. McMicken Avenue.
- **Potential for Visual Upset** – The potential for visual upset at this VSL as the result of changes to I-75 is low because of the apparent low quality of visual resources and existing high visual presence of roadways. The proposed improvements including: a new bridge adjacent to the Brent Spence Bridge; changes to the Brent Spence Bridge; and improvements to I-71/I-75 south of the Ohio River are too far out of visual range at the same elevation to result in visual upsets.

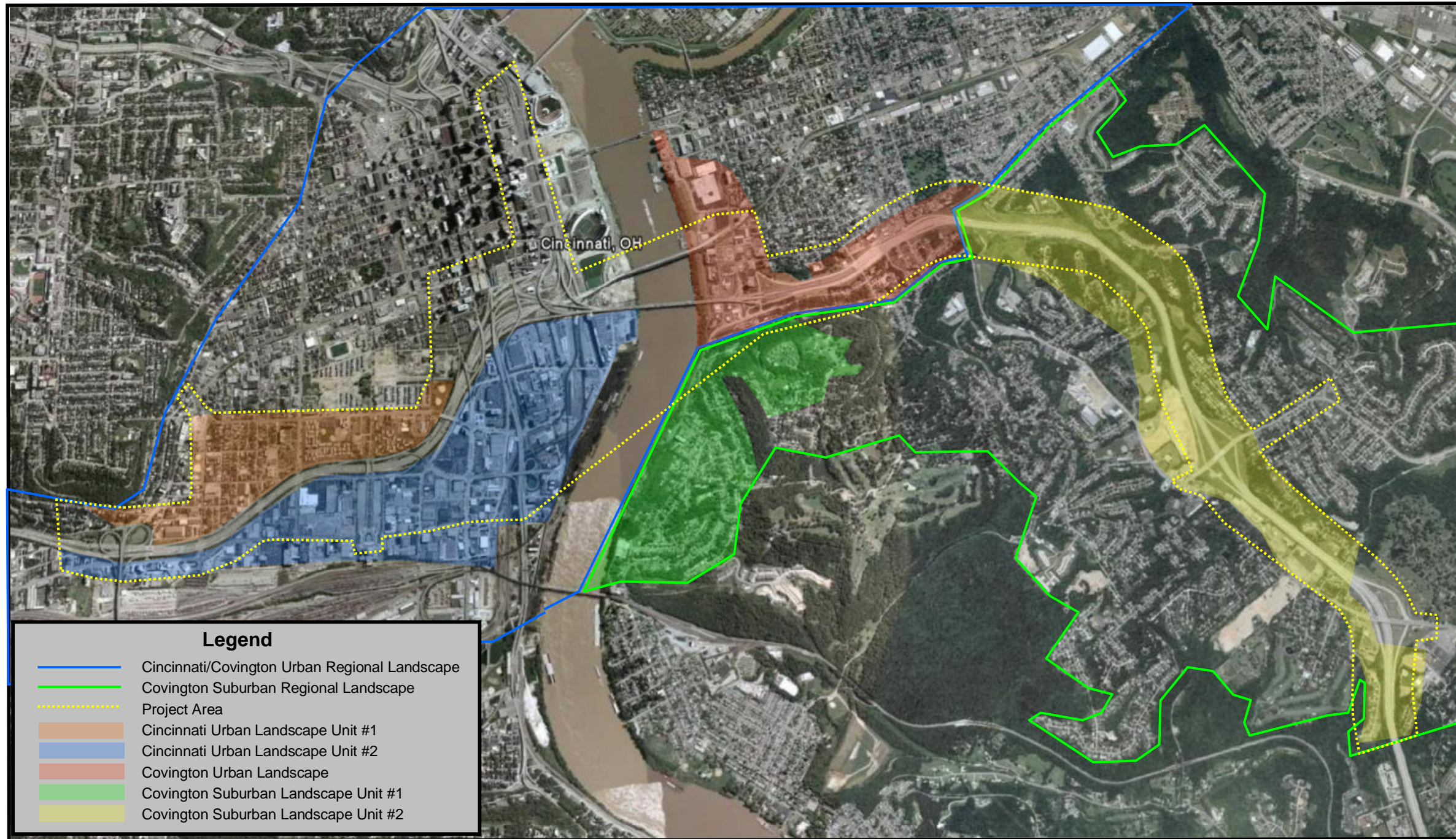
4.23 Summary of Potential Visual Upset per Visual Survey Location

Table 2 indicates the level of potential visual upset attributable to the proposed project improvements.

Table 2. Potential Visual Upset per VSL

Visual Survey Location (VSL)	Actual Location	Level of Potential Upset			
		With I-71/I-75 New Alignments and Associated Grade Separations on Cincinnati Side	With New Bridge Developed West of Brent Spence Bridge	With Changes to Brent Spence Bridge	With Widening or Changes to I-71/I-75 on Covington Side
O1	2333 W. McMicken Avenue, Cincinnati	Low	None	None	None
O2	Corner of York Street and Lubke Alley, Cincinnati	Low	None	None	None
O3	Corner of W. Court Street and Cutter Street, Cincinnati	High*	None	None	None
O4	Drop off area in front of the Union Terminal, Cincinnati	Low	None	None	None
O5	East end of the Harriet Beecher Stowe School, Cincinnati	Low	None	None	None
O6	Vacant lot east of Longworth Hall, Cincinnati	High	High	Low	None
O7	John Mueller House at 724 Mehring Way, Cincinnati	High	High	None	None
K1	Jeff Ruby's Waterfront Riverfront Restaurant, Covington	Low	Low	Medium	None
K2	Three Sixty Restaurant/Radisson Hotel, Covington	Medium	Medium	Medium	Medium
K3	Harbor House Apartments on Swain Court, Covington	Low	High	Low	None
K4	Residence at 309 Wright Street, Covington	None	High	Medium	High
K5	Hathaway Court Senior Citizens Apartments, Covington	Medium	High	Low	None
K6	Corner of Highway Avenue and Wright Street, Covington	Low	High	Low	None
K7	East side 3 rd floor Balcony of Hillside Condos, Covington	Medium	High	Medium	None
K8	Residence 446 Western Avenue, Covington	None	High	High	High
K9	Residence at 521 Western Avenue, Covington	None	Medium	High	Medium
K10	East lawn of Bluff Apartments at Devou Park, Covington	None	Low	High	Low
K11	Residence at 1124 Panorama Drive, Covington	Medium	Low	None	None
K12	Vista Area of Devou Park, Covington	None	Low	Low	None
K13	Residence at 45 Rivard Drive, Covington	None	None	None	High
K14	Residence at 1971 Pieck Drive, Covington	None	None	None	High
K15	Residence at 512 Scenic Drive, Covington	None	None	None	None

* Indicates that special project design considerations may affect the level shown in this table (e.g. if vegetation were removed or not).



Sources

Project Area Outline: Exhibit 2 from the *Brent Spence Bridge Conceptual Alternatives*, PB, April 2009.
 Background: Google Earth as accessed on July 1, 2009.

Regional Landscapes and Landscape Units

Figure 1

Image Key

- O1. Looking W across I75 / I71 at the Western Hills Viaduct from a parking lot located immediately west of W. McMicken Avenue.
- O2. Looking WSW toward I75 / I71 (beyond vegetation and at lower grade) from the corner of York Street and Lubke Alley in the Dayton Street Historic District.
- O3. Looking SW toward I75 / I71 (beyond trees in background) from corner of W. Court Street and Cutter Street.
- O4. Looking ESE from the front drop off area of the Union Terminal.
- O5. Looking WNW from the parking deck of the Harriet Beecher Stowe School with W. 7th Street in the foreground.
- O6. Looking E at the western extent of Longworth Hall from the lot to the immediate west on Mehring Way.
- O7. Looking WNW at the John Mueller house at 724 Mehring Way from across the street..



Sources

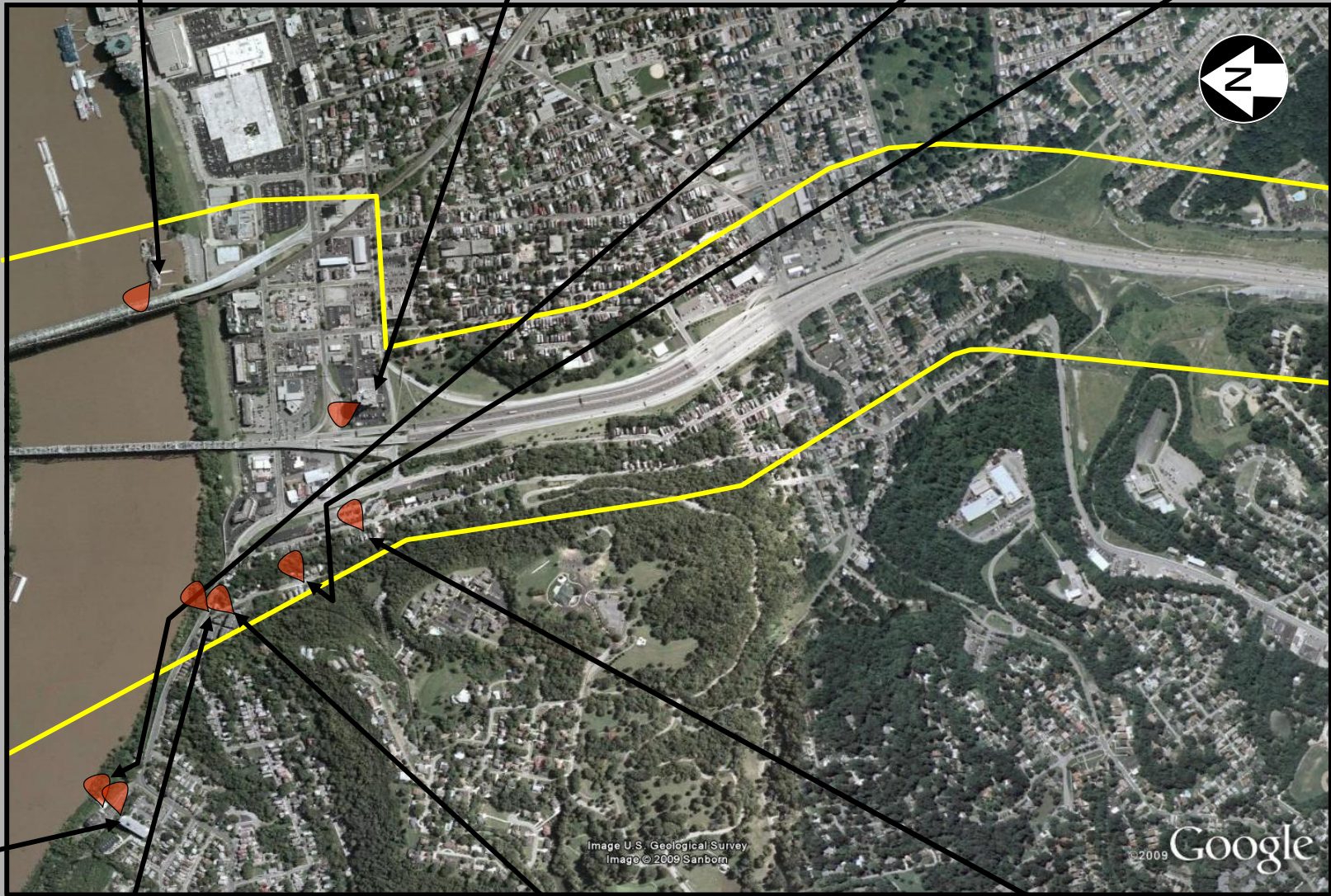
Project Area Outline: Exhibit 2 from the *Brent Spence Bridge Conceptual Alternatives*, PB, April 2009.
 Background: Google Earth as accessed on July 1, 2009.

**Ohio Project Portion
 Visual Survey Locations**

**Figure
 2**

Image Key

- K1. Looking WNW across the Ohio River at the Brent Spence Bridge from the NW corner of the dining area in Jeff Ruby's restaurant.
- K2. Looking WNW at the Brent Spence Bridge and Ohio River from the dining area atop the Radisson Hotel (Riverview Three Sixty).
- K3. Looking NE toward the Brent Spence Bridge and Ohio River from above the pool area at Harbor House Apartments on Swain Ct.
- K4. Looking ENE toward the Brent Spence Bridge from the front porch of the residence at 309 Wright Street.
- K5. Looking NE toward the Brent Spence Bridge from the ninth floor breezeway of the north side of the Hathaway Court Senior Citizens Apartments.
- K6. Looking NE at the Brent Spence Bridge from the north (front) side of the residence on the east corner of Highway Ave. and Wright Street.
- K7. Looking NE at the Brent Spence Bridge from the third story balcony of the residence at east end of the Hillside Condominiums on Virginia Lane.
- K8. Looking at the south end of the Brent Spence Bridge from the front porch of the residence at 446 Western Ave.



Sources

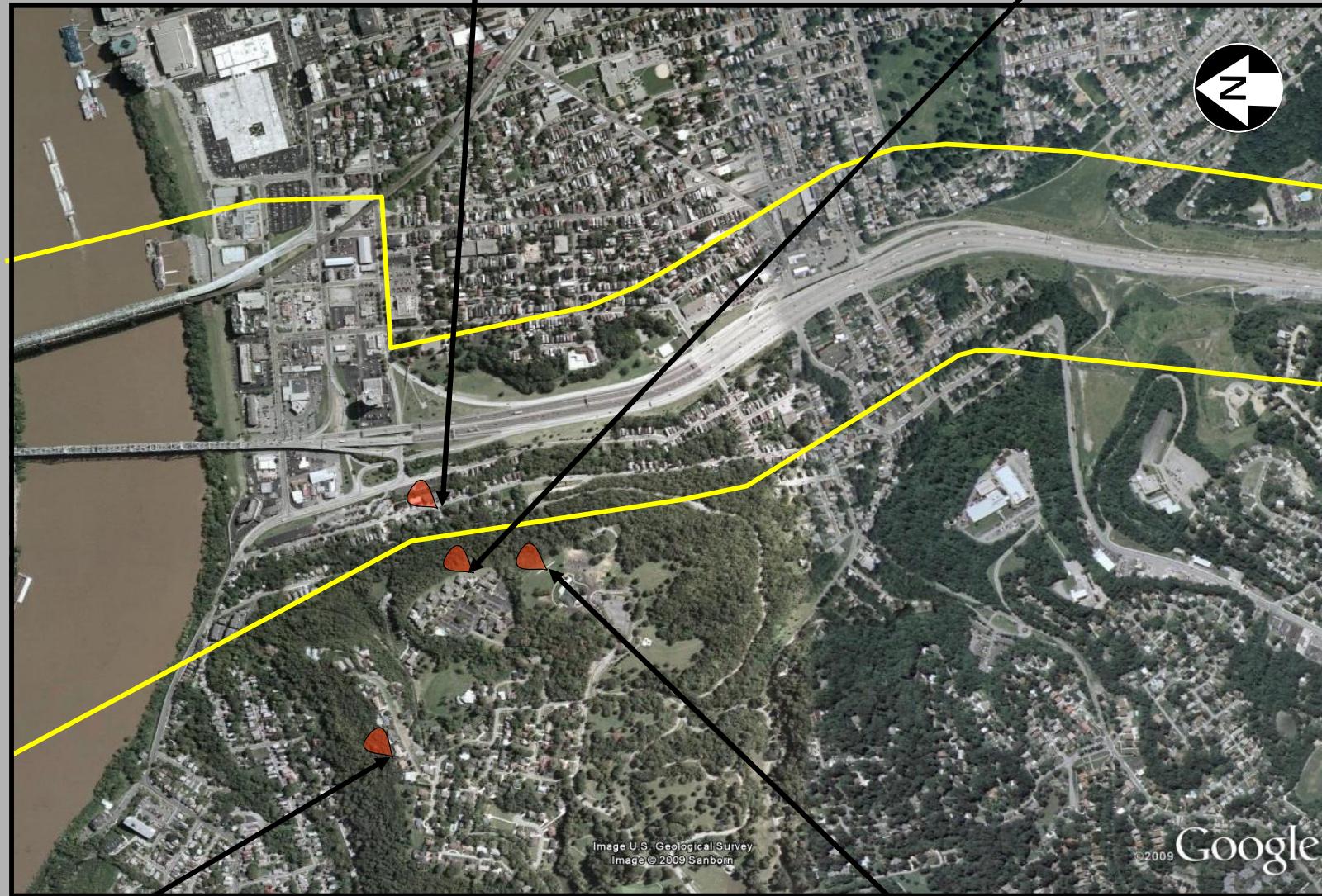
Project Area Outline: Exhibit 2 from the *Brent Spence Bridge Conceptual Alternatives*, PB, April 2009.
Background: Google Earth as accessed on July 1, 2009.

**Kentucky Project Portion
Visual Survey Locations K1
through K8**

**Figure
3A**

Image Key

- K9. Looking NE at the Brent Spence Bridge from the walkway on the north side of the residence at 521 Western Avenue.
- K10. Looking NE at the Brent Spence Bridge from the lawn on the east side of the Bluff Apartments at Devou Park.
- K11. Looking NE toward the Brent Spence Bridge and Ohio River from the back deck of the residence at 1124 Panorama Drive.
- K12. Looking NE toward the Brent Spence Bridge from the vista area at the Devou Park pavilion.



Sources

Project Area Outline: Exhibit 2 from the *Brent Spence Bridge Conceptual Alternatives*, PB, April 2009.
 Background: Google Earth as accessed on July 1, 2009.

**Kentucky Project Portion
 Visual Survey Locations K9
 through K12**

**Figure
 3B**

Image Key

- K13. Looking NW at the I75 / I71 crossing from the front yard of the residence at 45 Rivard Drive.
- K14. Looking N at 1971 Pieck Drive (with trees obscuring I75 / I71 immediately beyond).
- K15. Looking NE toward Cincinnati in the open part of the yard at the residence at 512 Scenic Drive.



Sources

Project Area Outline: Exhibit 2 from the *Brent Spence Bridge Conceptual Alternatives*, PB, April 2009.
Background: Google Earth as accessed on July 1, 2009.

**Kentucky Project Portion
Visual Survey Locations K13
through K15**

**Figure
3C**