Information Pertinent to State Review
of
BNSF's Sovereign Land Permit Application
No. S-2398

Part V

Additional Comments by FORB

Submitted to the Department of Water Resources
Public Meeting
February 26, 2023

FORB – Friends of the Rail Bridge
Established 2018 Burleigh and Morton County (701) 220-4513
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ANN RICHARDSON

Good morning, my name is Ann Richardson, and I am secretary for Friends of the Rail Bridge. I am here ask you to protect North Dakota's rights and interests by denying this permit to destroy a cherished public asset.

Mike Herzog, Director of Bridge Construction for BNSF Railway, said in his public comments here on January 20th that the Bismarck-Mandan Rail Bridge is "nearing the end of its useful life." This begs the question – useful, to whom? That *may* be true when considering it as a railroad bridge – it may be unable to handle their long-term plans for growth. I can't comment on that.

But it certainly has not reached the end of its useful life to the citizens of North Dakota.

In those same comments, Mr. Herzog enumerated 3 specific goals that BNSFs project absolutely requires:

1. Piers that accept a second track at some undetermined point in the future
2. Minimal impact to the environment, to the public, and to neighboring properties
3. **Optimize the cost, schedule, and efficiency of building the replacement bridge**

He concluded that there was, "No reasonable or feasible concept that allowed the existing bridge to remain."

That is a false statement. Page 17 of the Federal Environmental Impact Statement for this project has the alternatives comparison, which indicates that a new bridge constructed 92.5 ft north with aligned piers meets *all* the requirements to provide a robust, dependable, and safe railway crossing, which minimizes the impacts to the human and natural environment. This alternative allows the current bridge to remain standing.

If FORB had been able to secure a public partner to take ownership of the bridge during the federal permitting process, it is likely that the alternative I just described is the one that would have been presented to you for permitting. So why exactly did FORB struggle to obtain that public partner?

Because of BNSF's pesky requirement number 3.

The alternative that allows the bridge to remain would be much more difficult and expensive for BNSF to construct. To quote Mr. Herzog's January 20th comments again, "The longer the spans, the greater the offsets, the much greater overall cost…nearly doubling the price of the project."

BNSF was not about to take on that cost. They directly interfered with FORB's pursuit of the State of North Dakota as a public partner. (On the slide I am displaying and) in the documents I provided to you today, you can read the handwritten notes of an employee of the Department of Transportation, provided to FORB in a public records request in early 2022. (Emphasis is added.) It summarizes everything you need to know. The CEO of BNSF discussed this issue directly with the governor three times. The governor wanted to save the bridge, but I direct you especially to the note at the bottom of the page:

"Should the State of ND be that partner? **BNSF doesn't like this idea**."

In the federal permitting process, BNSF successfully lobbied up to the highest of office in North Dakota. But hope remains.

We as citizens of North Dakota have a right to protect our interest in our sovereign lands, and the Department of Water Resources have the obligation to do so.

I have given you a copy of an official opinion of the Attorney General of North Dakota, written by assistant attorney general Charles Carvell in 2005. In it he writes "The public trust doctrine requires that the state preserve and protect the public's interests in the Missouri River. And the public's interests are broad… The State Engineer, as the guardian of the trust, must carefully review all relevant considerations before acting on permit applications."

In the same document, Carvell cites a case where the State Engineer denied, on public trust grounds, a permit impacting two tenths of an acre on Lake Isabel. *Two tenths of an acre on Lake Isabel.*

Here, today, we consider the destruction of what is arguably North Dakota's greatest historical and cultural resource. A treasure of our community, built with all four of its mighty granite piers firmly embedded in North Dakota Sovereign Land.

I would also like to call your attention to the comments from BNSF attorney, Laura Mona, on January 20th indicating that this Sovereign Lands permit application is "voluntary cooperation," because the 1864 act of Congress creating the Northern Pacific Railway gave "clear title" to the "bridge and right of way."

I would like to emphatically state:

- There is *not* an exception for railroads under the extensive caselaw that has developed under the Equal Footing and Public Trust Doctrines as enunciated by the United States Supreme Court.

- There is *not* an exception from the Equal Footing and Public Trust Doctrines under the 1864 Act that created the Northern Pacific Railroad. These doctrines were well established principles of law in 1864, and if an exception was intended, Congress could have made one.

- There is not an exception for railroads from the Equal Footing and Public Trust Doctrines in the laws of Dakota Territory that were enacted under authority of Congress. Rather, the 1877 Revised Codes of the Territory of Dakota has *specific provisions that made it applicable to railroads* and construction of railroads in Dakota Territory. **These laws were in effect before, during, and after the Historic Bridge was constructed and tested between 1880 and 1883 and remain in effect as State laws to the present time.**

- Furthermore, the federal Submerged Lands Act of 1953 removes any ambiguity that the "lands beneath navigable waters" are:

> (1) all lands within the boundaries of each of the respective States which are covered by nontidal waters that were navigable under the laws of the United States at the time such State became a member of the Union, or acquired sovereignty over such lands and waters thereafter, up to the ordinary high-water mark as heretofore or hereafter modified by accretion, erosion, and reliction;
> … and
> (3) all filled in, made, or reclaimed lands which formerly were lands beneath navigable waters, as hereinabove defined.[25] (Italics provided.)
>
> The Submerged Lands Act also confirms state title and ownership of all riverbeds of navigable rivers at the time of statehood, and releases any title and claims the United States may have had in those riverbeds and riparian zones.

BNSF claims ownership of the bridge and the right of way, but they have quoted no language and shown no documentation whatsoever that has granted them, at any time, the equivalent of fee simple title. The language of the 1864 act grants them a right of way and the right to build the bridge, but does not address ownership.

Until they show language specifically addressing the fundamental constitutional rights reserved to the states on navigable waterways under the Public Trust and Equal Footing doctrines, they have no claim.

The FORB memorandum submitted to ND Department of Water Resources prior to today's proceedings, as well as the previously mentioned 2005 AG opinion, exhaustively reference state and federal constitutional, statutory, and case law supporting our position.

BNSF, and the recent memorandum written by assistant attorney general Amundson to the State Historical Society, rely exclusively on the weak language of the 1864 Act of congress. Without language that creates title, and without addressing the Equal Footing and Public Trust doctrines, all of their comments are frivolous and irrelevant.

Finally, I would like to say on a more personal note, that the media coverage of Friends of the Rail Bridge tends to call us simply a "non-profit" or a "preservation group." While this is accurate, it is a bit of an understatement. Among our ranks are:

- A former Director of State Parks and Recreation
- A former Director of the State Historical Society of North Dakota
- A former Chief Archeologist for the State Historical Society of ND, who has decades of experience with permitting processes just like these across 5 different states
- A long-serving former assistant attorney general for North Dakota,
- A former North Dakota State Senator
- A licensed civil engineer with over 30 years of experience
- A former National Legislative director for the nation's largest railroad union

I mention this to be clear that we are not some hodge-podge crew of local activists grasping at straws. Friends of the Rail Bridge is and always has been a team of policy experts, advocating for the correct implementation of the law. That law is clear, and you should follow it.

Granting this Sovereign Lands permit to BNSF to destroy the historic bridge will result almost exclusively in a private benefit to BNSF, a company with billions in annual profits, with virtually no discernable public benefit to Bismarck/Mandan or the people of North Dakota. On the contrary, it will result in a huge net public harm.

They want to build their new bridge 20 feet north. Just 70 more feet with aligned piers and this bridge can be saved as an irreplicable public asset. You have this authority to protect North Dakota's rights and interests. Be brave enough to wield that authority, even if BNSF doesn't like that idea.

Thank you for your time.

CEO of BNSF + Govenor

Confidental, draft work
- Gov make dec w/out any outside influence → call them

1) How quickly can we do a CLOMR (Floodway or something)
FEMA → what about pickup the MB → do one
Ryan Ackerman
what about
How long FIRM map, Timeline
- not rise what process later
★ We can engage BNSF, look at their numbers, etc
- we beat the state of ND over and over again

Old historic bridge
- BNSF Trying to build new last 5 yrs
- age, double track

★ Gov talked to CEO 3 times

FORB, USCG

Gov asked if we can save the bridge ⇒ Need time + room to work

working on 404 + 106 in parallel

★ Agt

- on ri

- R →

Programatic agreement (PA)
- USCG, FORB, etc.
- SHPO signed in mid-January
- FORB need P3 by end of month
- Should the state be that partner

BNSF does not like this idea

Open Records Request

From Friends of the Rail Bridge to Department of Transportation, March 2022

Corn, "Various notes & paper copies" p.5

Emphasis added

LETTER OPINION
2005-L-01

January 3, 2005

Mr. Ken Royse
Chairman
Burleigh County Water Resource District
221 North 5th Street
Bismarck, ND 58501

Dear Mr. Royse:

Thank you for your letter asking whether the state may allow land developers to construct wildlife habitat on Missouri River sandbars to satisfy federal mitigation requirements. It is my opinion that the state may allow land developers to construct wildlife habitat on Missouri River sandbars to satisfy federal mitigation requirements provided the state permit is issued under a comprehensive river management plan, the habitat serves a public purpose, the habitat's presence does not unreasonably interfere with public use of the river, and the constitution's "gift clause" is satisfied.

ANALYSIS

Background – Missouri River land development and regulation.

Recently, considerable development has occurred on land adjoining the Missouri River, particularly in the Bismarck-Mandan area. Nearly all of the development has been for housing. Development projects often include work to prevent bank erosion, which is usually achieved by riprap.

The United States Army Corps of Engineers asserts jurisdiction over bank stabilization projects under the Clean Water Act and the Rivers and Harbors Act. U.S. Army Corps of Engineers, Department of the Army Decision Document: WW Ranch Bank Stabilization Proposal 1-2 (Mar. 21, 2001) (hereafter "Corps' WW Ranch Decision"). The Corps believes that bank stabilization adversely affects sandbar development. E.g., id. at 49, 84. Sandbars are of interest to the Corps because sandbar habitat is relied on by the piping plover and interior least tern. E.g., id. at 50; In re Operation of the Missouri River System Litigation, 03-MD-1555, 2004 WL 1402563 at *8 (D. Minn. June 21, 2004) ("sandbar habitat essential to plover and tern survival"). The tern is listed as "endangered" under the federal Endangered Species Act ("ESA") and the plover is considered "threatened."[1] Furthermore, the United States Fish & Wildlife

[1] Endangered and Threatened Wildlife and Plants; Interior Population of the Least Tern Determined to be Endangered, 50 Fed. Reg. 21784 (May 28, 1985) (to be codified at 50 C.F.R. pt. 17); Endangered and Threatened Wildlife and Plants; Determination of

Service states that if bank stabilization continues on the river in the stretch from Bismarck to Garrison Dam, the cumulative effect could require listing additional species under the ESA and slow recovery of listed species. U.S. Army Corps of Engineers, Supplement: March 21, 2002 WW Ranch Decision Document at 3 (Jan. 31, 2002) (hereafter "Corps' Supp. WW Ranch Decision").

The Corps applied the ESA when the WW Ranch, a partnership, sought permission to protect the river bank at its housing development, the River Place Subdivision, located six miles north of Mandan. Because of its concerns for the listed tern and plover, the Corps imposed a mitigation requirement on the bank stabilization permit it issued WW Ranch. The permit was conditioned on constructing sandbar habitat. Corps' WW Ranch Decision at 83, 86. The Corps is considering whether to require habitat construction as mitigation for a bank stabilization permit sought by the Misty Waters Development, a housing subdivision under construction a few miles north of Bismarck. Letter from Michael Gunsch, Houston Engineering, Inc., to Dale Frink, State Engineer (Aug. 30, 2004) (hereafter "Gunsch Letter").

The federal government, however, is not the only government with regulatory authority over activities on the river. The state plays a significant role because it owns the bed of navigable waters, and the Missouri River is navigable. State ex rel. Sprynczynatyk v. Mills, 523 N.W.2d 537, 539 (N.D. 1994). The state's title extends from ordinary high watermark to ordinary high watermark. Id. See also Shively v. Bowlby, 152 U.S. 1, 26 (1894); Harrison v. Fite, 148 F. 781, 783 (8th Cir. 1906); 43 U.S.C. § 1301(a)(1).[2] Consequently, a state permit is required for bank stabilization projects and for any mitigation work a developer desires to carry out within the river. Permits are issued by the State Engineer, the state official responsible for administering the state's non-mineral interests in navigable waters. N.D.C.C. ch. 61-33. The State Land Board manages the mineral interests. N.D.C.C. § 61-33-03. The State Engineer has adopted rules regulating river activities. N.D.A.C. ch. 89-10-01.

Endangered and Threatened Status for the Piping Plover, 50 Fed. Reg. 50726 (Dec. 11, 1985) (to be codified at 50 C.F.R. pt. 17).

[2] In the area between the ordinary high watermark and the ordinary low watermark, the shorezone, the riparian landowner holds an interest. State v. Mills, 523 N.W.2d at 544. Although the state and riparian landowner have "correlative interests" in the shorezone, id., the state's interest, to ensure compliance with its duties under the public trust doctrine, is predominant. Id. at 543-44. See also id. at 545 (Levine, J., concurring) (whatever rights the riparian landowner may hold, they must be assessed "in the context of the State's sovereign duty to hold the shore zone in trust for the public"). See also, e.g., Ashwaubenon v. Pub. Serv. Comm'n, 125 N.W.2d 647, 653 (Wis. 1963) ("It cannot be denied that the riparian owners have only a qualified title to the bed of the waters. The title of the state is paramount").

In 2002, the State Engineer issued WW Ranch a permit allowing it "to establish a 10-acre nesting, brood-rearing and foraging habitat" on a sandbar at a location a few miles north of Mandan. Sovereign Land Permit No. S-1326 (July 31, 2002). Earlier, the State Engineer had issued a bank stabilization permit for WW Ranch's River Place Subdivision. Sovereign Land Permit No. S-1204 (Apr. 14, 1997). In August of 2004, a permit application was filed for the Misty Waters Development. Sovereign Land Permit Application No. S-1365. The developer seeks permission to create piping plover habitat a few miles north of the Misty Waters Development. Id. The application was filed because the developer contemplates that the Corps of Engineers will condition its riprap permit on constructing wildlife habitat. Gunsch Letter. The State Engineer has not acted on the Misty Waters mitigation application, but he did issue the development a bank stabilization permit. Sovereign Land Permit No. S-1348 (Oct. 31, 2003).

These recent events raise the question whether the state may permit navigable waterways, also known as sovereign lands, to be used by private persons to satisfy federal mitigation requirements. This question raises a closely related one, that is, the propriety of permitting bank stabilization. These issues implicate the nature of the state's title to sovereign lands, a title impressed with unique public trust responsibilities. Also implicated is the state constitution's "gift clause."

State title to navigable waters.

Upon achieving independence from Great Britain, each American colony became sovereign. As such, they held "'the absolute right to all their navigable waters and the soils under them.'" Idaho v. Coeur d'Alene Tribe, 521 U.S. 261, 283 (1997) (quoting Martin v. Lessee of Waddell, 41 U.S. (16 Pet.) 367, 410 (1842)). New states admitted to the Union were entitled to the same rights as those held by the original states. Id.; State v. Mills, 523 N.W.2d at 539. Thus, upon North Dakota's admission to the Union it took title to sovereign lands in the state. Id.; see also 101 Ranch v. United States, 714 F.Supp. 1005, 1013 (D.N.D. 1988), aff'd 905 F.2d 180 (8th Cir. 1990).

This title is "absolute." Oregon ex rel. State Land Bd. v. Corvallis Sand & Gravel Co., 429 U.S. 363, 372, 374 (1977). It is also unique. "The State holds the navigable waters, as well as the lands beneath them, in trust for the public." United Plainsmen Ass'n v. State Water Conservation Comm'n, 247 N.W.2d 457, 461 (N.D. 1976). See also State v. Mills, 523 N.W.2d at 540; State v. Sorenson, 436 N.W.2d 358, 361 (Iowa 1989) (the state's interest "in public trust lands is, in a sense, only that of a steward").[3] Because they are an attribute of the state's sovereignty, sovereign lands "are

[3] The public trust doctrine, to protect navigable waters, might extend to non-navigable waters. Nat'l Audubon Soc'y v. Superior Court, 658 P.2d 709, 714 (Cal. 1983). See also Mineral County v. State, 20 P.3d 800, 807-08 (Nev. 2001) (Rose, J., and Shearing, J., concurring).

distinguished from lands the State holds in a proprietary capacity." State ex rel. Bd. of Univ. & School Lands v. Andrus, 671 F.2d 271, 274 (8th Cir. 1982), rev'd on other grounds sub nom., Block v. North Dakota, 461 U.S. 273 (1983). The state holds sovereign lands under the public trust doctrine, which North Dakota formally recognized in the 1976 United Plainsmen decision. 247 N.W.2d at 460 ("the discretionary authority of state officials to allocate vital state resources is not without limit but is circumscribed by what has been called the Public Trust Doctrine").

The public trust doctrine.

In adopting the public trust doctrine, the North Dakota Supreme Court relied on Illinois Central Railroad v. Illinois, 146 U.S. 387 (1892), the primary case on the doctrine. E.g., Joseph Sax, The Public Trust Doctrine in Natural Resource Law: Effective Judicial Intervention, 68 Mich. L. Rev. 471, 489 (1970); 4 Waters & Water Rights 30-29 n.140 (R. Beck ed. 1991). Illinois Central held that the Illinois Legislature could not convey the state's title to a portion of Lake Michigan. The attempted transfer was unlawful because it abdicated the Legislature's duty to regulate, improve, and secure submerged lands for the benefit of every citizen. Id. at 455-60. It could not convey sovereign lands because the state's title is "different in character" from other state land. Id. at 452. "'The state can no more abdicate its trust over property in which the whole people are interested, like navigable waters and soils under them . . . than it can abdicate its police powers in the administration of government and the preservation of the peace.'" United Plainsmen, 247 N.W.2d at 461 (quoting Illinois Central, 146 U.S. at 453).

The essence of the doctrine prohibits the state from conveying sovereign lands or otherwise relinquishing its authority to protect and preserve these lands for the public. The traditional interests protected are navigation, commerce, and fishing. E.g., Illinois Central, 146 U.S. at 452. But the public trust doctrine is flexible. It can account for modern and changing community needs. E.g., Matthews v. Bay Head Improvement Ass'n, 471 A.2d 355, 365 (N.J. 1984); Marks v. Whitney, 491 P.2d 374, 380 (Cal. 1971). It is "not limited to the ancient prerogatives." Borough of Neptune City v. Borough of Avon-by-the-Sea, 294 A.2d 47, 54 (N.J. 1972). "[L]ike all common law principles, [the doctrine] should not be considered fixed or static, but should be molded and extended to meet changing conditions and needs of the public it was created to benefit." Id.

Thus, over time, the public interests in sovereign lands have been recognized as considerably broader than just the traditional triad of navigation, commerce, and fishing. The doctrine is commonly held to protect the public's interests in hunting, swimming, boating, and general recreation. E.g., Friends of Hatteras Is. v. Coastal Resources Comm'n, 452 S.E.2d 337, 348 (N.C. Ct. App. 1995); Orion Corp. v. Washington, 747 P.2d 1062, 1073 (Wash. 1987); Shokal v. Dunn, 707 P.2d 441, 451 (Idaho 1985); Montana Coalition for Stream Access v. Curran, 682 P.2d 163, 171 (Mont. 1984); State v. Sorenson, 436 N.W.2d 358, 363 (Iowa 1989); Wisconsin's Envtl. Decade, Inc. v.

Dep't of Natural Resources, 271 N.W.2d 69, 72 (Wis. 1978); Marks v. Whitney, 491 P.2d 374, 380 (Cal. 1971); Nelson v. DeLong, 7 N.W.2d 342, 346 (Minn. 1942).

In addition, the doctrine is often applied to protect more general public interests in streams and lakes. Hawaii has concluded that the public has an interest in maintaining sovereign lands "in their natural state." In re Water Use Permit Applications, 9 P.3d 409, 448-449 (Hawaii 2000). California recognizes that the public trust doctrine protects "the people's common heritage" in sovereign lands. Nat'l Audubon Soc'y v. Superior Court, 658 P.2d 709, 724 (Cal. 1983). In some states the doctrine protects aesthetics and scenic beauty. United States v. State Water Res. Control Bd., 227 Cal.Rptr. 161, 201 n.41 (Cal. Ct. App. 1986); Idaho Forest Indus., Inc. v. Hayden Lake Watershed Improv. Dist., 733 P.2d 733, 737 (Idaho 1987); United States v. 1.58 Acres, 523 F.Supp. 120, 122 (D. Mass. 1981); Wisconsin's Envtl. Decade, 271 N.W.2d at 72.

> The natural beauty of our northern lakes is one of the most precious heritages Wisconsin citizens enjoy. It is entirely proper that that natural beauty should be protected as against specific structures that may be found to mar that beauty.

Claflin v. State, 206 N.W.2d 392, 398 (Wis. 1973).

North Dakota's public trust doctrine.

North Dakota has also expanded the doctrine. The North Dakota public trust doctrine imposes on the state the duty to manage sovereign lands to foster not only the "public's right of navigation" but also "other important aspects of the state's public trust interest, such as bathing, swimming, recreation and fishing, as well as irrigation, industrial and other water supplies." J.P. Furlong Enterprises, Inc. v. Sun Explor. & Prod. Co., 423 N.W.2d 130, 140 (N.D. 1988). This list of protected interests, because it is preceded by the phrase "such as," is illustrative, not exhaustive. See Nish v. Cohen, 95 F.Supp.2d 497, 504 (E.D. Virg. 2000); Bouchard v. Johnson, 555 N.W.2d 81, 83 (N.D. 1996); Peterson v. McKenzie County Pub. School Dist. No. 1, 467 N.W.2d 456, 459-60 (N.D. 1991). Consequently, other interests are likely protected by North Dakota's public trust doctrine. Indeed, United Plainsmen cites with approval authority holding that the doctrine requires the state to preserve "'natural, scenic, historic and esthetic values.'" United Plainsmen, 247 N.W.2d at 462 (citing Payne v. Kassab, 312 A.2d 86, 93 (Penn. 1973)).

Relying on United Plainsmen, a North Dakota administrative law judge held that North Dakotans "have a right . . . to the preservation of the natural, scenic, and esthetic values of the environment." In re Application for Authorization to Construct a Project Within . . . Lake Isabel, Recommended Findings of Fact, Conclusions of Law and Order 8 (Office of State Engineer, Sept. 8, 1999).

> The public natural resources are the common property of all the people, including generations yet to come. As trustee of these resources, the state must conserve and maintain them for the benefit of all the people.

Id. The State Engineer adopted the administrative judge's recommendations. In re Application for Authorization to Construct a Project Within . . . Lake Isabel, Order of the State Engineer, Order No. 99-7 (Sept. 22, 1999). Further, rules governing review of sovereign land permit applications require that the State Engineer consider, among other interests, aesthetics, the environment, recreation, and fish and wildlife. N.D.A.C. § 89-10-01-08. In sum, the North Dakota public trust doctrine, like that in many other states, protects a broad range of interests.

North Dakota has also interpreted the doctrine in a novel way. In United Plainsmen, the plaintiffs asserted that the doctrine required the State Engineer to prepare a comprehensive plan for developing the state's natural resources, in particular, Missouri River water, before water permits could be issued for power plants. 247 N.W.2d at 459. The court agreed.

> The development and implementation of some short- and long-term planning capability is essential to effective allocation of resources 'without detriment to the public interest in the lands and waters remaining.'

Id. at 462 (quoting Illinois Central, 146 U.S. at 455-456). Water permits for energy development could be issued by the State Engineer consistent with the public trust only if, "at a minimum," the State Engineer examined the potential effect of the water appropriation on the present water supply and the state's future needs. Id. The public trust doctrine "permits alienation and allocation of . . . precious state resources only after an analysis of present supply and future need." Id. at 463. Thus, the North Dakota public trust doctrine includes a planning component. See also Matter of the Application for Permits to Drain Related to Stone Creek Channel and White Spur Drain, 424 N.W.2d 894, 903 (N.D. 1988) (State Engineer satisfied his duties by fully analyzing the challenged drainage permits and their consequences).

Planning before acting is particularly appropriate for the Missouri River. From Bismarck to Garrison Dam the river is a significant historic, cultural, and natural resource. N.D. Parks & Recreation Dep't, Missouri River Study and Action Plan 1, 5 (Jan. 1989). Indeed, it "is one of North Dakota's most spectacular natural resources." Missouri River Centennial Comm'n, A Comprehensive Plan for Recreational Use of the Riparian Public Lands in Burleigh and Morton Counties 7 (Aug. 1986) (hereafter "Centennial Comm'n 1986 Report"). It is a "tremendous public recreational resource." Id. at 1. The river may be the "last of [its] kind." Corps' WW Ranch Decision at 57.

The need for comprehensive planning has been expressed by state and local agencies. A 1986 study concluded that the lack of a comprehensive plan for managing the river has resulted in its "under-utilization" for recreation, while at the same time the river experiences "over-crowding and conflicts between incompatible uses." Centennial Comm'n 1986 Report at 1. To meet public needs, "an objective assessment of management possibilities and formulation of and adherence to a well thought-out plan is an absolute necessity." N.D. Game & Fish Dep't, The Missouri River in North Dakota: Garrison Reach at 2 (Aug. 1998) (hereafter "Game & Fish Dep't 1998 Report"). A "vision group" has been formed by the Burleigh, Oliver, Morton, Mercer, and McLean Counties Joint Water Resource Board, along with representatives of state agencies, federal agencies, and private organizations with interests in the river. N.D. Legis. Council Memorandum, Missouri River Issues Study - Background Memorandum at 17 (June 2000). The "vision group's" objective is to develop a river management plan. Id.

Applying the public trust doctrine.

While the public trust doctrine places significant limitations and affirmative duties on the state, the state has flexibility in satisfying its trust obligations. The contours of the state's duties, however, are difficult to assess because the doctrine is not fully defined in North Dakota. Guidance must be found in the case law of other states.

"[W]hat one finds in the cases is not a niggling preservation of every inch of public trust property against any change, nor a precise maintenance of every historical pattern of use." Sax, 68 Mich. L. Rev. at 488. For example, encroachments on sovereign lands that serve the public interest are acceptable. E.g., Nat'l Audubon, 658 P.2d at 724. Thus, public boat ramps are acceptable. They can significantly enhance public access to and recreation on a river, while only marginally disturbing the river's natural characteristics and aesthetics. Even the private use of sovereign land may be permissible under the public trust doctrine so long as the public's interests are not materially disrupted. E.g., Caminiti v. Boyle, 732 P.2d 989, 995-96 (Wash. 1987) (private docks not necessarily inconsistent with the trust); Kootenai Envtl. Alliance v. Panhandle Yacht Club, Inc., 671 P.2d 1085, 1094 (Idaho 1983) (private marina permitted); State v. Bleck, 338 N.W.2d 492, 498 (Wis. 1983) (ski jump acceptable if it does not "materially obstruct navigation" and "is not detrimental to the public interest"); Morse v. Oregon Div. of State Lands, 590 P.2d 709, 712 (Or. 1979) (private grants acceptable if they do not substantially impair the public's interests); State v. Pub. Serv. Comm'n, 81 N.W.2d 71, 74-75 (Wis. 1957) (small part of a lake could be filled to expand a park); Boone v. Kingsbury, 273 P. 797, 817 (Cal. 1923) (drilling derricks would not significantly impede the public trust, particularly since the state retained authority to have the derricks moved if they did interfere with the trust). As United Plainsmen

states, the public trust doctrine does not prohibit all development, but it does require controlled development. 247 N.W.2d at 463.[4]

Constructing wildlife habitat on sovereign lands is not necessarily inconsistent with the trust. Work authorized by the State Engineer under the WW Ranch permit allows construction of habitat needed by the endangered least tern and threatened piping plover, birds that have always been a part of the Missouri River ecosystem. Because the public trust doctrine includes a duty to preserve, to some degree, the river's natural characteristics, habitat construction is not inconsistent with the state's role as guardian of the river. The doctrine does not necessarily prohibit the State Engineer from allowing sovereign lands to be used for constructing wildlife habitat. The State Engineer, however, should ensure that the mitigation is actually effective; otherwise there is unlikely to be a public benefit for the private use of sovereign land. Indeed, the Game and Fish Department concludes that the Corps would help the terns and plovers more by adjusting its water flow regime, and that creating "sandbar habitat is a poor second choice." Letter from Michael McKenna, N.D. Game and Fish Dept., to Timothy Fleeger, U.S. Army Corps of Engineers (Sept. 26, 2003). [5]

Establishing tern and plover habitat may adversely affect habitat relied on by other species, such as whitetail deer, pheasants, Canada geese, beavers, etc. Id. It will also limit public use of that area. The Endangered Species Act provides significant protection to the habitat of listed species. It is unlawful to "take" a listed species, 16 U.S.C. § 1538(a)(1)(B), and "take" has a broad meaning. It includes not only "kill" but also "harm or harass." 16 U.S.C. § 1532(19). "Harm" and "harass" are broadly defined to cover activities that "disrupt" a species' behavioral patterns, including "breeding, feeding and sheltering." 50 C.F.R. § 17.3. See also Strahan v. Coxe, 939 F.Supp. 963, 983 (D. Mass. 1996), aff'd in part and vacated in part, 127 F.3d 155 (1st Cir. 1997) ("take" to be liberally construed). A person can be guilty of a criminal violation under the Act without intending to violate it. United States v. Ivey, 949 F.2d 759, 766 (5th Cir. 1991).

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[4] In what may be North Dakota's only contested administrative sovereign lands case, the State Engineer denied, on public trust grounds, a request from the owner of a lot on Lake Isabel to place fill in the lake to expand his lot. The lake covers about 773 acres; the fill would have covered .20 acres. Findings, Conclusions, and Recommendations Concerning Authorization to Construct a Project on Sovereign Lands Application No. S-1251 at 8 (Nov. 27, 1998).

[5] The Corps is yet uncertain whether artificial habitat actually provides any substantial assistance to listed species. E.g., U.S. Fish & Wildlife Serv., 2003 Amendments to the 2000 Biological Opinion on the Operation of the Missouri River Main Stem Reservoir System 287 (Dec. 16, 2003).

Thus, allowing habitat construction on sovereign lands indirectly transfers to the federal government some control over the land and inhibits public use of it. Neither of these consequences necessarily violate the trust, but they are factors for the State Engineer to weigh in considering applications to use sovereign lands for habitat construction, particularly if more land developers seek permission to use Missouri River sandbars to mitigate the environmental consequences of their developments. More mitigation projects means more federal control of the river. The State Engineer should also consider indirect consequences of issuing habitat mitigation permits, one of which will be the continued development of land adjoining the river, which in turn can have adverse effects on the river's aesthetics.

Habitat construction, as explained, is a consequence of the Corps' decision to place conditions on its bank stabilization permits. A common sovereign land application submitted to the state seeks permission for bank stabilization. About 41 miles of the bank from Bismarck-Mandan to Garrison Dam have been stabilized. Corps' WW Ranch Decision at 43, 60. As much as 40% of the river in the Bismarck-Mandan area has been stabilized. Game & Fish Dep't 1998 Report at 10. The State Water Commission believes that erosion control provides significant benefits. N.D. State Water Comm'n, Missouri River Bank Erosion: Garrison Dam to Lake Oahe at 1-2, 13 (Dec. 1997) (erosion can cause losses of personal and business income, property tax revenue, irrigation pump sites, riparian woodlands, and it contributes to the creation of a delta in the Bismarck area).

Riprap, on the other hand, is not entirely benign. It inhibits, by both foot and by boat, public access to the shore. It can adversely affect the environment. Installing riprap often requires that the riverbank be reshaped to ensure that the riprap stays in place. See Corps' WW Ranch Decision at 5, 22. The North Dakota Game and Fish Department believes that bank stabilization reduces the river's spawning and rearing habitat and that if more riprap is installed, it could have significant adverse effects on the Missouri River fishery. Id. at 27. See also id. 36, 46, 54-55, 70; Game & Fish Dep't 1998 Report at 6-8.[6] Riprap presents aesthetic considerations. Id. at 10; Corps' WW Ranch Decision at 31, 55. Further, while the effect of one riprap project on the ecosystem and river aesthetics may be minimal, the cumulative effect of these projects may cause problems. E.g., id. at 25, 40-42; Game & Fish Dep't 1998 Report at 10-11. It is the cumulative effects of individual projects that the State Engineer would be best able to consider if management decisions were made under a comprehensive plan.

Allowing sovereign land to be used to mitigate the environmental consequences of riprap projects, and allowing riprap itself, provide significant benefits to landowners. In one assessment, waterfront housing is considered the most valuable, sought after, and

[6] The walleye fishery in the Bismarck to Garrison Dam reach "is one of the best in the nation." Game & Fish Dep't 1998 Report at 5.

expensive type of residential real estate in the region. Corps' WW Ranch Decision at 6, 7. (Riverfront lots can sell for more than $100,000. Id. at 7.) But the attractiveness of land along the river for housing, and consequently its value, largely depends on assurances that the bank will not erode. Prospective buyers will pay substantially more for lots with a protected bank. Id. at 8, 32, 56. The financial gain a land developer or landowner may derive from being allowed to use sovereign land for a habitat mitigation project, or to install riprap, is not directly relevant for the public trust analysis. Because it is the river that the state must protect, its focus must be on preserving public interests in the trust resource. The propriety of allowing sovereign land, the public's land, to be directly or indirectly used to significantly enhance the value of private land may be a policy consideration for the State Engineer in managing the river, but it is not a factor that the public trust doctrine requires the State Engineer to weigh.

As noted earlier, the State Engineer has adopted rules governing sovereign lands and the permitting process. Those rules prohibit sovereign lands from being permanently relinquished and require them to be held in perpetual trust for the citizens of North Dakota. N.D.A.C. § 89-10-01-02. Thus, any permit to use sovereign lands must be conditional or revocable. This is necessary because in the future, it may be determined that the permitted use harms the public interest or is no longer consistent with the public trust doctrine.

Public trust doctrine - conclusions.

The public trust doctrine requires that the state preserve and protect the public's interests in the Missouri River. And the public's interests are broad. This duty, however, does not necessarily prohibit the state from allowing the river to be used for private purposes. Whether an individual project is in fact appropriate depends on the particular facts. The State Engineer, as the guardian of the trust, must carefully review all relevant considerations before acting on permit applications. He must conduct the review under a comprehensive plan. United Plainsmen, 247 N.W.2d at 462-63. The review should not be narrow. See Arizona Ctr. for Law in the Pub. Interest v. Hassell, 837 P.2d 158, 170-71 (Ariz. 1992); Kootenai Envtl. Alliance, Inc. v. Panhandle Yacht Club, 671 P.2d 1085, 1092-93 (Idaho 1983). It should examine all interests and consequences, including the cumulative effects of the proposed activity and existing and other proposed projects. Sovereign lands are entitled to the "highest degree of protection." Morse, 581 P.2d at 524. After all, "a river is more than an amenity; it is a treasure." New Jersey v. New York, 283 U.S. 336, 342 (1931) (Holmes, J.).

The constitution's gift clause.

In considering whether the Legislature could convey to riparian landowners a portion of the state's navigable waterways, the North Dakota Supreme Court recognized the potential applicability of the constitution's gift clause. It restrictively construed a statute "to avoid" violating the clause. State v. Mills, 523 N.W.2d at 542. Other state constitutions have similar "anti-gift" clauses and they have been applied in disputes involving state sovereign land management. E.g., Arizona Ctr. v. Hassell, 837 P.2d at 169-71. Thus, the State Engineer needs to consider the gift clause -- as well as the public trust doctrine -- when reviewing requests to use the Missouri River for a private purpose.

The gift clause states:

> The state, any county or city may make internal improvements and may engage in any industry, enterprise or business . . . but neither the state nor any political subdivision . . . shall otherwise loan or give its credit or make donations to or in aid of any individual, association or corporation except for reasonable support of the poor.

N.D. Const., art. X, § 18. The provision, in general, prohibits the state from transferring public assets into private hands. Gripentrog v. City of Wahpeton, 126 N.W.2d 230, 237-38 (N.D. 1964); Petters & Co v. Nelson County, 281 N.W. 61, 64-65 (N.D. 1938).[7] It applies not only to money, but also to transfers of property and other tangible assets. Solberg v. State Treasurer, 53 N.W.2d 49, 53-54 (N.D. 1952) (state-owned minerals); Herr v. Rudolf, 25 N.W.2d 916, 922 (N.D. 1947) (state-owned land); N.D.A.G. 2000-F-13 (books); N.D.A.G. 2000-L-13 (school district land). The gift clause applies to sovereign lands. State v. Mills, 523 N.W.2d at 542.

The limitations imposed by the gift clause do not apply in three situations: in making "internal improvements," in assisting the poor, and in furthering an "industry, enterprise or business" that the governmental entity is authorized to pursue. N.D.A.G. 2003-L-51 at 1. Permitting activities on sovereign land is unlikely to involve assisting the poor or involve a state industry or business. But some projects could constitute an "internal improvement" or further an "enterprise" the State Engineer has authority to pursue and, if so, would not violate the gift clause.

"Internal improvements" includes an array of activities that generally can be described as relating to "development" or "public improvement" projects, such as constructing and maintaining roads, building bridges, and improving waterways for commerce. N.W. Bell

[7] A history and phrase-by-phrase review of the gift clause is at N.W. Bell Tele. Co. v. Wentz, 103 N.W.2d 245, 252-54 (N.D. 1960).

Tele. Co. v. Wentz, 103 N.W.2d 245, 254 (N.D. 1960); N.D.A.G. 98-F-30 at 2; Rippe v. Becker, 57 N.W. 331, 334 (Minn. 1894); Welch v. Coglan, 94 A. 384, 387 (Md. 1915). Constructing wildlife habitat is a conservation effort and probably not an "internal improvement," but other sovereign land projects could be "internal improvements," such as constructing boat ramps and shoreline facilities that further public use and enjoyment of the river.

"Enterprise" is any activity, especially one of some scope, complication, or risk. N.D.A.G. 93-F-11 at 2. While this definition is broad, the activity undertaken or permitted by a state agency must be one that the law authorizes the agency to itself undertake or to permit another to undertake. See, e.g., N.D.A.G. 2003-L-51 at 1. This requires examining the agency's scope of authority. If the State Engineer is to allow an activity on sovereign land, some authority must permit the activity and the State Engineer's approval of it. The duties imposed by the public trust doctrine have been delegated to the State Engineer. N.D.C.C. ch. 61-33. The duties imposed mandate, to some degree, that the state preserve the Missouri River's ecosystem, scenic beauty, and natural characteristics. These objectives can be furthered by constructing habitat that effectively supports species making their home on the river and, therefore, a sound habitat construction project could be considered an "enterprise" allowed by the gift clause.

Additional considerations affect the gift clause's application. The provision, at its core, requires that the activity or transaction in question promote a public benefit. If a public benefit justifies or serves as a basis for the grant, an unconstitutional gift can be avoided. Stutsman v. Arthur, 16 N.W.2d 449, 454 (N.D. 1944).

This does not mean that if a private benefit is obtained, the gift clause is violated. The clause is not necessarily violated if a private person receives a "special" or "incidental" benefit. N.D.A.G. 87-L-02 at 2; Stutsman v. Arthur, 16 N.W.2d 449, 454 (N.D. 1944). In State v. Mills, 523 N.W.2d 537, the court interpreted N.D.C.C. § 47-01-15, which states the riparian landowner "takes" to the ordinary low watermark. The court rejected the view that the statute nullifies the state's interest in the shorezone, that is, the area between the low and high watermarks. Having done so would have been inconsistent with the public trust doctrine and the gift clause. 523 N.W.2d at 542-43. The court nonetheless recognized that there can be private interests in sovereign land. Id. at 544. The case thus confirms that the gift clause, in some contexts, does not impose an absolute prohibition. At the same time, however, the court cited with approval authority that in the shorezone, state interests predominate. Id. at 543-44. See also id. at 545 (Levine, J., concurring) (whatever rights the riparian landowner may hold, they must be assessed "in the context of the State's sovereign duty to hold the shore zone in trust for the public").

In Stutsman v. Arthur, the court made a somewhat similar ruling. It found that where an appropriation of public funds is primarily for a public purpose, the gift clause is not necessarily violated if, as an incidental result, a private benefit is extended. 16 N.W.2d at 454. But, if the result is chiefly a private benefit, then an incidental or ostensible public purpose will not save its constitutionality. Id. Thus, while Stutsman v. Arthur and State v. Mills each allow a private benefit, each requires a prominent public benefit.

The public benefit does not need to be money. A public benefit can be a result that promotes "the public health, safety, morals, general welfare, security, prosperity, contentment, and equality . . . of all the citizens." Green v. Frazier, 176 N.W. 11, 17 (N.D. 1920). Even "equitable" and "moral" consideration may suffice. Solberg v. State Treasurer, 53 N.W.2d at 53; Petters & Co v. Nelson County, 281 N.W. at 65. But the connection between the activity in question and its public benefit cannot be tenuous. E.g., N.D.A.G. 2003-L-51 at 2 (paying wages owed by a defunct business is insufficiently related to economic development); N.D.A.G. 2002-F-09 (county's cash contribution to nonprofit's July Fourth celebration, which involved fireworks, is not justified on a concern for fire safety).

Whether or not a sovereign land permit issued to a private person satisfies the gift clause is a question of fact. E.g., N.D.A.G. 2003-L-09 at 3; N.D.A.G. 98-F-19 at 2; N.D.A.G. 96-L-93 at 3; N.D.A.G. 87-02 at 2. Compliance with the clause must be determined on a case-by-case basis with regard to the unique circumstances presented by each request to use sovereign land.

Sincerely,

Wayne Stenehjem
Attorney General

cmc

This opinion is issued pursuant to N.D.C.C. § 54-12-01. It governs the actions of public officials until such time as the question presented is decided by the courts. See State ex rel. Johnson v. Baker, 21 N.W.2d 355 (N.D. 1946).

ERIK SAKARIASSEN
HISTORICAL OVERVIEW PART I:
ADVERSE EFFECT ON A CULTURAL LANDMARK

My name is Erik Sakariassen. I'm a community leader and retired third-generation owner of Saks News, a North Dakota wholesale distributor of books and magazines that my Grandfather started in 1920.

I'm here to speak about the adverse effect on a significant cultural resource whose destruction this Sovereign Lands Permit would sanction.

I am fascinated by the American Story. And I'm in awe at how North Dakota and the rail bridge at Bismarck are woven into its fabric.

It was 1864 when Congress chartered the Northern Pacific Railroad, signed into law by Abraham Lincoln, granting 47 million acres of public land—the peoples' land—to a private corporation to finance it. To put that in perspective, they were given 25,000 acres for every mile of track they laid.[1]

The enterprise was headed by America's foremost financier, Jay Cooke, whom Lincoln had tapped to fund the Union effort in the Civil War. By 1873, the tracks reached a shabby settlement that sprang up at the place where the railroad would cross the Missouri. To attract European investment, Cooke renamed the place Bismarck after the German Chancellor.

The scheme didn't work. The railroad was hopelessly overextended, and by the fall of that year, Cooke's financial empire collapsed, triggering the Panic of 1873. The worst global economic depression in history started right here in Bismarck.[2]

In 1876, the United States waged war against the Lakota and Cheyenne. The purpose was to seize tribal lands, in violation of the Fort Laramie Treaty, and transfer them to the railroad. It is no stretch to say that "Custer died for this bridge."[3]

Eventually, construction of the line continued west. But the challenge of bridging the river remained, with its powerful ice jams and violent spring floods. It was met by an engineering genius, George Shattuck Morison, who used pneumatic caissons—giant wooden boxes—inside which laborers dug away the silt while stone masons set granite blocks above, sinking the piers into the shale bedrock 40 feet below the riverbed.[4]

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[1] Ted Schwinden, "Northern Pacific Land Grants in Congress" (master's thesis, University of Montana, 1950); Elwyn B. Robinson, *History of North Dakota* (Fargo: North Dakota State University Institute for Regional Studies, 1995).
[2] John M. Lubetkin, *Jay Cooke's Gamble: The Northern Pacific Railroad, the Sioux, and the Panic of 1873* (Norman: University of Oklahoma Press, 2006).
[3] T.J. Stiles, *Custer's Trials: A Life on the Frontier of a New America* (New York: Alfred A. Knopf, 2015); Paul L. Hedren, *After Custer: Loss and Transformation in Sioux Country* (Norman: University of Oklahoma Press, 2011).
[4] Edward C. Murphy, "The Northern Pacific Railway Bridge at Bismarck," *North Dakota History* 62, no. 2 (1995): 2-19; Clayton B. Fraser, *Historic American Engineering Record: Nebraska City Bridge* (Denver: National Park Service Rocky Mountain Regional Office, October 1986).

Bridge construction had just begun when a flamboyant tycoon, Henry Villard, acquired the Northern Pacific. The year the bridge was completed, a gang of political bosses, in league with the railroad, hijacked the Territorial Capital from Yankton and moved it to Bismarck.[5]

Opportunist and showman, Villard invited a who's who of American and European celebrities to cross the continent on his railroad. They would see the American West and celebrate driving the last spike at Gold Creek, Montana. In Bismarck, they would participate in a ceremony laying the cornerstone for a new territorial capitol.[6]

The first week of September, 1883, was one for the history books.

On September 2, President Chester A. Arthur crossed the rail bridge on his return to the White House from a month-long adventure in Yellowstone Park. He would address the Villard Party at a gala in St. Paul.[7]

On September 4, Sitting Bull crossed the bridge from Mandan to Bismarck to play a part in the cornerstone ceremony. It was the first time the great Hunkpapa chief rode aboard a train.[8]

On September 5, Civil War hero and former president Ulysses S. Grant crossed the bridge with the Villard Party on their way to the last spike celebration. Grant was a featured speaker at the cornerstone ceremony in Bismarck.[9]

And on September 7, Theodore Roosevelt crossed the bridge on his first trip to the Badlands to hunt a buffalo before they were gone. It's ironic that 20 years later, the very railroad that carried him west to the "romance of his life" should be the subject of the case that sealed his reputation as the trust-buster president.[10]

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[5] Robinson (1995).

[6] "The Day's Ceremonies," *Bismarck Tribune* (Bismarck, Dakota Territory), September 7, 1883; "A Great Day," The *Bismarck Weekly Tribune* (Bismarck, Dakota Territory), September 7, 1883; Frederic Trautmann, "A German Journalist Visits the Northern Plains: Paul Lindau's Memoirs of the 1883 Last Spike Excursion," *North Dakota History* 52, no. 1 (1985): 2-12; Jan Taylor, "Marketing the Northwest: The Northern Pacific Railroad's Last Spike Excursion," *Montana: The Magazine of Western History* 60, no. 4 (2010): 16-35; Nicholaus Mohr, *Excursion Through America* (Chicago: R. R. Donnelley & Sons Co., 1973; originally published Berlin, 1884).

[7] Frank H. Goodyear, *A President in Yellowstone: The Frank Jay Haynes Photographic Album of Chester Arthur's 1883 Expedition* (Norman: University of Oklahoma Press, 2013); Mohr (1973).

[8] *Bismarck Tribune*, September 7, 1883; *The Bismarck Weekly Tribune*, September 7, 1883; William Hardman, *A Trip to America* (London: T. Vickers Wood, 1884); "Bismarck's Blowout," *St. Paul Daily Globe* (St. Paul, Minnesota), September 6, 1883; "The Golden Spike," *St. Paul Daily Globe* (St. Paul, Minnesota), September 8, 1883.

[9] *Bismarck Tribune*, September 7, 1883; *The Bismarck Weekly Tribune*, September 7, 1883; *St. Paul Daily Globe*, September 6, 1883; *St. Paul Daily Globe*, September 8, 1883; Mohr (1973).

[10] Theodore Roosevelt to Alice Roosevelt, September 8, 1883. Theodore Roosevelt Papers, Library of Congress Manuscript Division. https://www.theodorerooseveltcenter.org/Research/Digital-Library/Record?libID=o184955. Theodore Roosevelt Digital Library. Dickinson State University.

BNSF never seriously considered preserving the bridge. Instead, they treated it like one of a thousand rusty relics kept on their books as obsolete inventory. The Bismarck rail bridge is just as important in the American Story as the Brooklyn Bridge or the Golden Gate. No one would suggest these historic landmarks are "past their useful life."

Representing the Fort Abraham Lincoln Foundation, I attended the consulting parties meetings under Section 106 of the National Historic Preservation Act. BNSF's conduct during those meetings could be described only as an abuse of power. They've treated the permitting process as nothing more than a regulatory nuisance. And they're at it again with this Sovereign Lands Permit.

It makes you wonder if that was the legacy Abraham Lincoln envisioned when he put his faith in the fledgling railroad and signed the charter to create it.

ERIK SAKARIASSEN
HISTORICAL OVERVIEW PART II:
ADVERSE EFFECT ON A CULTURAL LANDMARK

My name is Erik Sakariassen. I'm a retired owner of a family business, Saks News, started by my grandfather in Mandan in 1920. At its peak, Saks was a 12 million dollar company, with 70 employees, operating a dozen truck routes that delivered books and magazines to over 700 retail customers in North Dakota and Minnesota. It humbles me to think that the jobs we created, over nearly 100 years, helped put food on the table for hundreds of North Dakota families.

When you own a business in a place like Bismarck, you're expected to serve your community. Over the years, I've chaired the Governor's Advisory Council on Libraries, the North Dakota Center for the Book, The State Historic Preservation Review Board, the Bismarck State College Foundation, The Bismarck Library Foundation, and the Fort Abraham Lincoln Foundation. Today, I'm speaking for the Friends of the Rail Bridge.

A bridge, by definition, is a means of connection, a crossing place over obstacles that divide us. George Morison, designer and builder of the Bismarck rail bridge, may have been an engineering genius, but he could have learned a thing or two from my Great Aunt Clara. Clara engineered the romance between my grandparents, and the rail bridge made it all possible.

My grandfather was a son of Danish immigrants, Lutherans. They came to Mandan as failed homesteaders, and settled in a "Dogtown" shack, flooded out annually by the rising waters of the Heart. They had five small children, all of whom perished in a single week during a diphtheria outbreak. Undaunted, they produced five more. The second batch were given the same names as the deceased siblings they never met. Two of the brothers, like their father, went to work for the Northern Pacific Railroad.

My grandmother was a daughter of German-Russian immigrants, Roman Catholics. They started out in a one-room soddy on the Bismarck side of the river. Their father was a drayman and common laborer. He worked on the construction of the Bismarck rail depot, and according to family legend, set a pair of dime-store kewpie dolls into the textured concrete.

Aunt Clara was a clerk at the Webb Brothers department store. So was my grandmother. Clara's father had been a "woodhawk" for the Missouri River steamboats, and he worked as a laborer on the construction of Morison's rail bridge. Clara's husband happened to have an eligible bachelor brother, and she decided to fix him up with her coworker friend.

Mandan. Bismarck. Danish. German. Lutheran. Catholic. The river was the least of the obstacles they faced. In those days, there were two ways to cross the river: by train or by ferry. Both cost money. But if half your family worked for the railroad, it was a good bet you knew the timetables, and could safely cross the bridge on foot. They met at a dance in the Patterson Ballroom and the rest, as they say, is history.

There are hundreds of personal stories like mine, thousands. It isn't just wistful nostalgia. Everyone who lives here is connected to the rail bridge in one way or another. It is a cultural landmark, the most historically significant structure on the Northern Plains. We all know about Custer and Sitting Bull and Theodore Roosevelt. But the American Story is so much more than the sum of its legends. It belongs to all of us, for we all play a part in its making.

In 2018, Thompson M. Mayes, vice president and senior counsel at the National Trust for Historic Preservation, published a collection of essays titled *Why Old Places Matter*. Each of the essays explores a theme of connection between people and place. Considered together, they are an anthem for the human experience. According to Mayes: "From memory and identity, to architecture and history, to beauty and sacredness, to economics and sustainability, old places matter… [They] are like the air we breathe: surrounding us, sustaining us, influencing us, and even a part of us."[1]

Old places matter. The rail bridge at Bismarck matters. It was the linchpin in the completion of the second transcontinental railroad. A monumental engineering achievement, it holds profound significance in the American Story. It opened the West to settlement. And it altered forever the lives of indigenous people who called this place home—a sobering symbol of a difficult time. It is a bridge to our past, a bridge between cultures and people and places. It is a bridge to our future if we have the courage to save it.

[1] Thompson M. Mayes, *Why Old Places Matter: How Historic Places Affect Our Identity and Well-Being* (Lanham, Maryland: Rowman & Littlefield, 2013).

TRACY POTTER
Comments to the NDDEQ on destruction of our historic bridge.

My name is Tracy Potter. I hold a B.A. and M.A. in History from the University of North Dakota. I am retired from a career in Heritage Tourism in North Dakota focused primarily on the heritage of this stretch of the Missouri River.

The great thing about heritage tourism is that it gives us the economic justification to do things we should be doing anyway, that is, maintain our historic places and tell people about them. Tourists come to North Dakota to experience places where Sacagawea, Sheheke and Lewis and Clark met in 1804, where Custer and Sitting Bull rode and a rich indigenous preceded the colorful era of the steamboat-powered fur trade. Because we have these historical attractions, our own children and their parents and all of us benefit from the lessons that can be best learned at those sites.

The sites themselves almost never cash out on gate receipts and gift shop sales. Investments for development and marketing come instead from government and are repaid by tax dollars generated by the tourist traffic. Visitors pay a small admission or no admission to the historic activities, but they buy gas, eat at restaurants, stay in hotels and shop in our stores. North Dakota Tourism tells us that in 2021 tourist spending was $2.6 *Billion* generating $238 million in tax revenue.

That success did not just happen. In the last 35 years state leaders and concerned private sector organizations made it happen with reconstructions and improved interpretation at Fort Abraham Lincoln and On-a-Slant Village, the Knife River Indian Villages National Historic Site, Fort Union National Historic Site, the Lewis and Clark Interpretive Center and more. Lacking one destination attraction, North Dakota invested in creating a critical mass of sites and experiences to attract visitors.

In 2009, the United States Congress noticed and declared the free-flowing 86 mile stretch of the Missouri River between Huff National Historic Site and Big Hidatsa at the Knife River Indian Villages National Historic Site the Northern Plains National Heritage Area, which now receives annual federal funding to further develop our historic sites and their interpretation.

I recite this history and cite the monetary investments poured into bringing our heritage to life to demonstrate that cost-benefit ratios are not all on one side of the equations concerning our historic1883 rail bridge. BNSF is only one of the businesses involved.

The historic 1883 rail bridge is the connecting piece that can bring the entire National Heritage Area together. The day it is opened as a walking trail, it will be a feel-good national story generating millions of dollars of free advertising for our community and state. Happily, the bridge walking trail will provide the perfect extension of the North Country National Scenic Trail. That 4800 mile trail stretches from the Green Mountains in Vermont across 8 states to Lake Sakakawea State Park. An exciting plan to extend the national trail down the Missouri to Bismarck and then across the 1883 bridge could incorporate the Custer Trail to the Bad Lands

and make the new terminus of the trail the Theodore Roosevelt Presidential Library. The bridge walking trail is key to that development.

The point is the BNSF's head-scratching stubbornness about destroying this critical piece of our state's heritage has been justified only by money. It still doesn't make sense how the costs of destroying the bridge can be so much less than adjusting their construction plans to retain the bridge but as state officials, it is incumbent on you to take a wider view and consider costs and benefits for our state and its people and businesses.

In the interests of commerce allow BNSF to build their new bridge with respect for the environment, archeology and other affected businesses. In those same commercial interests and additional educational values do not allow them to destroy the historic bridge on our state property. In seeking comments from several state agencies, I note that you have left out the one agency with the most direct interest in maintaining the bridge, North Dakota Tourism.

I challenge the conclusion of NDDEQ assertions of December 12, 2022 that it doesn't have authority to address issues regarding land ownership and the bridge's status as a historic landmark. The Sovereign Lands Permit application is in front of you specifically because the bridge sits on North Dakota's sovereign lands. Determining the bridge's status as an historic landmark is a legal matter for the State Historical Board. You just need to ask them.

In fact, you must ask that other state agency before you can even consider the environmental questions. Authorizing a permit for an action in violation of ND CC 55-10-02 (1.) which defines as state historic sites land or water areas with historical value is a violation of 55-10-08 (2.) which prohibits the state from demolishing such sites without prior authorization from the State Historical Board.

You should reject or table the permit to destroy our bridge until such authorization has been received.

MARGIE ENERSON

Greetings. I am Margie Zalk Enerson, a marketing and communication professional who has lived and worked in this community for 35 years, and who also has a passion for historic preservation. Back in 1996, I worked on a National Historic Preservation Section 106 process with our local city commission and engineering firm to preserve the Historic Cathedral Area Elm Trees. Today, 90% of the trees marked for demolition are still alive, a community retained its historic ambiance and a modern and efficient north/south corridor in Bismarck was developed. Careful thought, compromise and consideration of future generations can be accomplished when we work together for a win-win solution.

I've been a Friends of the Rail Bridge board member since 2018. I'm here today to present the vision and economic possibilities of a rail-to-trail conversion.

Five years. For over five years we've been working on the bridge preservation effort. It may seem like a long time, but in the scope and magnitude of our unique bridge, every day, every year that this discussion has been alive has given us hope. BNSF's efforts have not deterred us.

We are not obstructionists, we are opportunists. We see the possibility and feasibility of repurposing our iconic symbol of Bismarck-Mandan into a rails-to-trails conversion. We understand the economic impact that it could have on the community. Bismarck-Mandan should not be robbed of our own asset that will benefit the community simply because BNSF says it will cost them money. As the agency that can approve or disapprove of their destruction permit, we ask that you look at both sides of the coin with the lost revenue to our region and state if the bridge is torn down.

BNSF has complained about the legal process of bridge permitting taking over five years. They have displayed an almost arrogant sense of entitlement as if the process were nothing more than a regulatory nuisance. They have lobbied against our efforts and applied political pressure to dissuade governing bodies at all levels from endorsing or participating in any outcome that would save the historic bridge.

Now I'd like to share another number with you – FIVE DAYS. *In a matter of FIVE days, BNSF's net profit would cover the cost of the preferred bridge alternative that would allow the two bridges to co-exist. FIVE DAYS. We are asking the Department of Water Resources to require BNSF to develop an alternative for a new bridge offset 92.5 feet upstream of the existing bridge, with 400-foot spans that would match the existing bridge, and for the Department of Water Resources to deny a permit to deconstruct the historic bridge.

Five years – what can be accomplished in five years? Today, I'll share with you a success story of a repurposed bridge. Located on the border of Louisville, Kentucky and Jeffersonville, Indiana, The Big Four Bridge is part of Louisville Waterfront development. The pedestrian bridge has changed the community dramatically since it opened on May 20, 2014. In the first **five years,** 14 new restaurants and 12 other businesses have opened along the waterfront.

I'd like to submit for the record three documents that support Big Four Bridge's economic impact on a community.

1. Big Four Bridge's Impact on Jeffersonville 5 years after opening – dated 2019
2. Big Four Bridge's Visitor Profile and Economic Impact Study
3. Big Four Bridge's Impact Report Infographic

The bridge was originally constructed in 1895 and built as a railroad bridge. Today, it's a free, unique experience that brings people and the two communities together, said Luanne Mattson, the assistant director of SoIN Tourism. So many people cross that bridge who might not otherwise come to Southern Indiana, she added. They dine, shop and visit festivals.

It all goes back to that bridge, she said. The region had the opportunity to create something that enables people to come see Jeffersonville and lets them have a fun experience while they're getting there.

This research tells a data-derived story about Louisville's Waterfront Park and the role that it plays in its community. It describes the diversity of visitors to the park; the economic impact of these visitors; and the levels of satisfaction felt by those who visit the Park. This information is being used to inform the Park's future strategy, trajectory, and financing.

Reasons why people visit the Louisville Waterfront Park and utilize the walking/biking bridge are:

- See the river
- Spend time with family
- Walk the Big Four Bridge
- Attend an event at the park (concert, festival, fundraiser)
- Connect with nature
- Take a picture

All of these reasons fit into the same success story we could have on our own waterfront. The Heritage Landing and Gateway to Science building are just the start of a great future.

More than 1 million people crossed the Big Four Bridge in the first year it opened, according to data from the City of Jeffersonville's redevelopment and economic development arm. That figure grew to 1.63 million in 2019 up from 1.5 million in 2017-18. The Jeffersonville quarter-mile ramp and stair tower were funded with 80% in federal transportation funds and 20% city redevelopment money from tax-increment financing. Meanwhile, Kentucky transportation money was used to rehabilitate the half-mile bridge deck. Private donations were raised to pay for the Louisville quarter-mile ramp.

Even North Dakota's governor sees the potential in saving our bridge. In comments to the Tribune Editorial Board on May 14, 2021, Governor Burgum said the bridge dating to 1883 would be "an incredible asset for the state, for Burleigh County, for Morton County, for Mandan and for Bismarck to save."

The bridge could be a top attraction in the state, drawing potentially "hundreds of thousands of visitors a year" for walks, bicycle paths, farmers markets and views of the Missouri River, "and it could never be replicated," the governor said. He cited the Stone Arch Bridge in Minneapolis and the Pfluger Pedestrian Bridge in Austin, Texas.

"These things are so popular in terms of what they draw," Burgum said. "Is it going to be hard? Yes. Is it assured? No. Is it worth trying to figure out how to make it happen? I think yes, it is."

The governor also said new federal coronavirus aid could potentially "close the gap" on the bridge project, depending on what newly issued federal guidance intends for the money, which Burgum said has an emphasis for tourism. North Dakota's share of the federal American Rescue Plan aid is $1.89 billion, which the Legislature intends to divvy up in the future.

Burgum also said the bridge wouldn't "have to be hooked up to a trail system on day one." "If you could just save the thing, you can spend the next 10 years fundraising and developing the tourism plans -- just not knock it down," he said.

Let’s turn the tables and add into the equation the loss of our historic bridge and the loss of economic development. We’ve heard for too long how much more BNSF would need to pay to redesign the bridge. It’s time to envision the possibilities for the people of Bismarck-Mandan and North Dakota.

*Rail News - BNSF posts record earnings for 2021. For Railroad Career Professionals (progressiverailroading.com)

courier journal

LOUISVILLE CITY LIVING

The Big Four Bridge opened 5 years ago. Now, downtown Jeffersonville is unrecognizable

Maggie Menderski
Courier Journal

Published 9:06 a.m. ET May 20, 2019

Lynn Rhodea bought the cottage at the base of the Big Four Bridge back when people really didn't go to downtown Jeffersonville, across the Ohio River in Southern Indiana.

Now they're coming from all over the world.

The Philippines, Cambodia and Taiwan.

Nigeria, Mali and Somalia.

Portugal, Spain and France.

She can see it in the smiles and the different languages that greet her from the other side of the frozen yogurt counter at Pearl Street Treats at 301 Pearl St., but she also tracks it on a map of the world that sits near the doorway.

It's true most of her customers are regional, but having her out-of-state and international ones push those pins into a map offers a glimpse into the Big Four Bridge's impact. Every year, she takes the map down and replaces it with a fresh one, and every year, more people come through. The 2019 version already has a few hundred pins speckled across it, mostly concentrated in the United States but also hitting several points on every continent but Antarctica.

You may like: You won't believe your eyes! Magic shop and theater open this summer

The pedestrian bridge has changed the community dramatically since it opened on May 20, 2014. In the past five years, 14 new restaurants and 12 other business have opened in

downtown Jeffersonville. New condos are going up and a new elementary school is on the way, which, in turn, will bring more families to the area.

More than 1 million people crossed the bridge in the first year it opened, according to data from the City of Jeffersonville's redevelopment and economic development arm. That figure is expected to grow to 1.63 million this fiscal year up from 1.5 million in 2017-18.

The Jeffersonville quarter-mile ramp and stair tower were funded with 80% in federal transportation funds and 20% city redevelopment money from tax-increment financing. Meanwhile, Kentucky transportation money was used to rehabilitate the half-mile bridge deck. Private donations were raised to pay for the Louisville quarter-mile ramp.

It was originally constructed in 1895 and built as a railroad bridge. Today, it's a free, unique experience that brings people and the two communities together, said Luanne Mattson, the assistant director of SoIN Tourism. So many people cross that bridge who might not otherwise come to Southern Indiana, she added. They dine, shop and visit festivals, and then they go back the other way.

Of course, not every pin on Rhodea's map has walked across the Ohio River from Louisville.

But few people were wandering around downtown Jeffersonville at all before that barricade blocking the Jeffersonville ramp came down five years ago, she said.

She's owned the cottage on Pearl Street since 1999, but she didn't make plans to turn it into a frozen yogurt shop until she heard the base of the bridge would be her new neighbor.

Rhodea opened in April 2014, about a month before the $8.5 million ramp to the bridge was complete, and hardly anyone came to her store during those first few weeks. She'd see people walk across the bridge from the Louisville side that opened in February 2013 and have to stop at the barricade to turn around.

Read more: Jeffersonville is making art in the form of a community mosaic

She had a perfect view of all the business she wasn't getting.

Then it came.

No one in Jeffersonville was really prepared for what happened when the barricade came down, said Mike Bowe, the executive chef of The Red Yeti at 256 Spring St. By a happy accident, the restaurant opened the day before the Jeffersonville end of the bridge did. They were working 16-hour days and bringing in new food orders just to keep up with demand.

Naturally, there had been anticipation and buildup for the Big Four Bridge, but Bowe had no idea its foot traffic had the power to turn a sleepy bedroom community into something that could compete with Bardstown Road or Frankfort Avenue.

You can feel the bridge's worth as the weather shifts, but as long as it's not storming, people use it regularly. He had a line of people waiting outside the door on a sunny, beautiful afternoon two Sundays ago for Mother's Day for brunch. He's seen people bundled up and cross it on near-freezing days, too.

It's hard to pin down true numbers, but he estimates on any given Saturday, 80% of his business comes off that bridge.

Jeffersonville Mayor Mike Moore can feel that uptick in visitors, too, as he walks through the streets and on the bridge, and even as he dines in restaurants. Five years ago, most of the people he'd see would recognize him, and now he can have dinner and be surrounded by total strangers.

It all goes back to that bridge, he said. The region had the opportunity to create something that enables people to come see Jeffersonville and lets them have a fun experience while they're getting there.

See also: A new restaurant is breathing life back into the tiny town of Harrods Creek

But locals use it, too. Warren Schimpff walks the bridge a few times a week.

The family has been in downtown Jeffersonville for 128 years, and Schimpff and his wife, Jill, are the sixth generation to run the family business, Schimpff's Confectionery.

It's a business that's been drawing national attention and visitors on its own for decades, and now the bridge is bringing in more. More than that, it's bringing change.

He can see it inside 347 Spring St., where his store is, but he can also take in the big picture when he and his wife walk the bridge together.

It's a view that he says his father and uncles probably wouldn't recognize except for the church steeples, he said.

And with all the growth that's happening, in another five years, it probably won't be a view he'd recognize now, either.

A Day in the Neighborhood: Exploring the riverfront's Jeffersonville

Reach Maggie Menderski at 502-582-7137 or mmenderski@courier-journal.com. Follow her on Twitter and Instagram @MaggieMenderski. Support strong local journalism by subscribing today: courier-journal.com/maggiem.

CONFIDENTIAL

January 2018

Waterfront Development Corporation: Visitor Profile & Economic Impact Study

Final Report

This research tells a data-derived story about Louisville's Waterfront Park and the role that it plays in its community. It describes the diversity of visitors to the park; the economic impact of these visitors; and the levels of satisfaction felt by those who visit the Park. This information can be used to inform the Park's future strategy, trajectory, and financing.

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About IQS Research

Founded in 1999, IQS Research is a custom market research and data analytics firm. We provide precise and actionable insights about your employees, communities, customers and markets. We are the trusted partner that decision-makers rely on, not just to answer questions, but to enable meaningful change.

For more information, please visit www.iqsresearch.com.

Material Accuracy

The intent of the Waterfront Development Corporation: Visitor Profile Study and this subsequent report is to provide accurate and authoritative information about the profile of those who visit Waterfront Park. IQS Research makes reasonable effort to ensure that all data are collected, analyzed, and portrayed in an accurate and factual manner. However, there is no guarantee that these data are without flaws or that the use of these data will prevent differences of opinion or disputes, and IQS Research bears no responsibility for their use or consequences.

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Methodology

Beginning on May 18, 2017 and ending on November 6, 2017, IQS Research dispatched a team of trained data collectors to conduct in-person interviews with park visitors at Louisville's Waterfront Park.

To ensure that responses were collected from a representative sample of park visitors over the course of the late spring, summer, and fall, team members solicited interviews via iPads and paper surveys during four-hour shifts at a variety of park locations, times of day, weekdays/weekends, and event-centered and non-event centered outings.

Waterfront Park was divided into four zones (please see Figure 1A on the following page). Data collection team members were assigned to conduct interviews within specific zones during their shifts at the park. Additionally, data collectors solicited interviews at a variety of times including morning, mid-day, and evening shifts. These shifts were balanced between week-day and weekend outings on both event-centered days and non-event-centered days at the park.

To achieve representativeness not only in accordance with the times that people visit the park but also in terms of the types of individuals who visit the park, data collection team members were trained to abide by a "line of sight" rule. According to this rule, data collection team members approached and subsequently asked park visitors to complete the survey in the order that the visitors appeared in the data collector's line of sight.

The survey instrument fielded consisted of 31 questions in total and included both closed and open-ended questions about the visitor's experience at the park. After a series of demographic questions about the respondent's background, respondents were invited to participate in an optional online follow-up survey.

Those who agreed received a personalized email invitation to complete the survey one day after their trip to the park. Personalized reminders were also provided to further encourage participation. The follow-up survey consisted of 22 questions, both closed- and open-ended, covering additional topics including the user experience visiting the park and financial elements. Individuals who completed this survey were entered into a drawing for a $250 gift card – a "thank you" incentive that was advertised to individuals when they are asked if they would like to participate in the follow-up process.

This data set includes a total of 1,533 of in-person responses. For the purposes of calculating a margin of error, we used an estimated annual park attendance of 1.6 million individuals which yields a margin of error of ±2.5% at the 95% confidence level. When the total persons accompanying all survey respondents are tabulated, 5,469 visitors are accounted for in this data collection process.

Of the 1,533 visitors interviewed in person, 340 individuals, or 22%, went on to complete a follow-up survey. Relative to overall estimated park attendance, this delivers a sampling error for the overall population of ±5.3% at the 95% confidence level.

Figure 1A:

Figure 1A: Map of Waterfront Park divided into zones used by IQS' Data Collection Team

The economic impact modeling included in this report was produced by Barry Kornstein. Barry is an Economic Development Data Research Consultant with degrees in Applied Mathematics, Literature, Political Science, and International Studies from the Massachusetts Institute of Technology, University of Minnesota- Twin Cities, and Claremont Graduate University. He spent 23 years at the University of Louisville, working hand-in-hand with economics professor Dr. Paul Coomes from 1993-2012 before going on to serve as the lead Economics researcher for the Urban Studies Institute in 2012. He has produced economic and fiscal impact studies for state and local government agencies, industry trade groups, and nonprofit organizations, such as the Kentucky Fair Board, Kentucky Center for the Arts, Kentucky Commission on Military Affairs, Louisville Convention and Visitors Bureau, Louisville Water Company, LG&E, Kentucky Distillers Association, Kentucky Automotive Industry Association, and the Speed Art Museum.

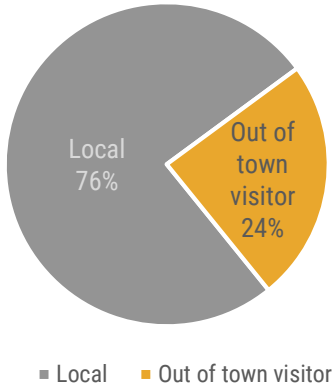
Who visits Waterfront Park?

Visitor Profile

Demographics

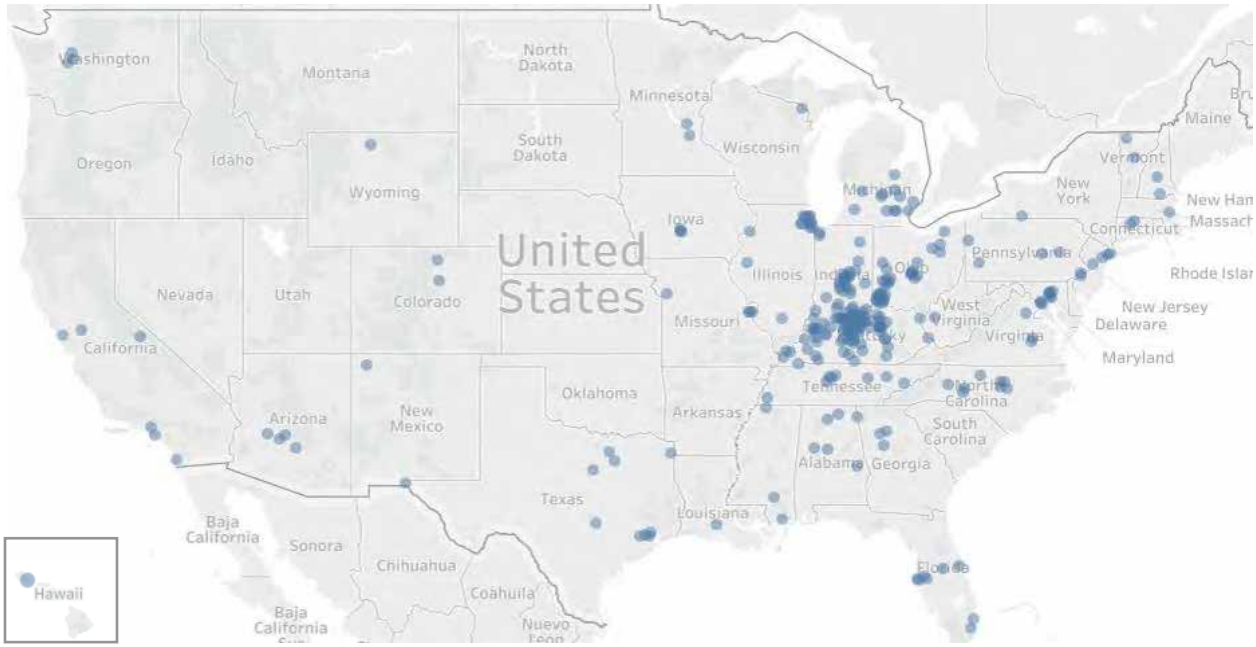
Residency: When referring to the residency of Waterfront Park visitors, there are two groups. The first group can be identified as "locals" and refers to park visitors who live in the immediate metro area. The immediate metro area encompasses seven Kentucky and Indiana counties (Jefferson, Bullitt, Oldham, Shelby, Clark, Floyd and Harrison county). The majority of Waterfront Park visitors reside in Kentucky and more specifically in Jefferson County.

Three out of four Waterfront Park visitors reside in the immediate metro area.
Residency of Waterfront Park visitors



The second group is identified as "out of town visitors"; this refers to park visitors who do not reside in the immediate metro area. This group represents 35 US states and three other countries (Australia, Germany and Brazil).

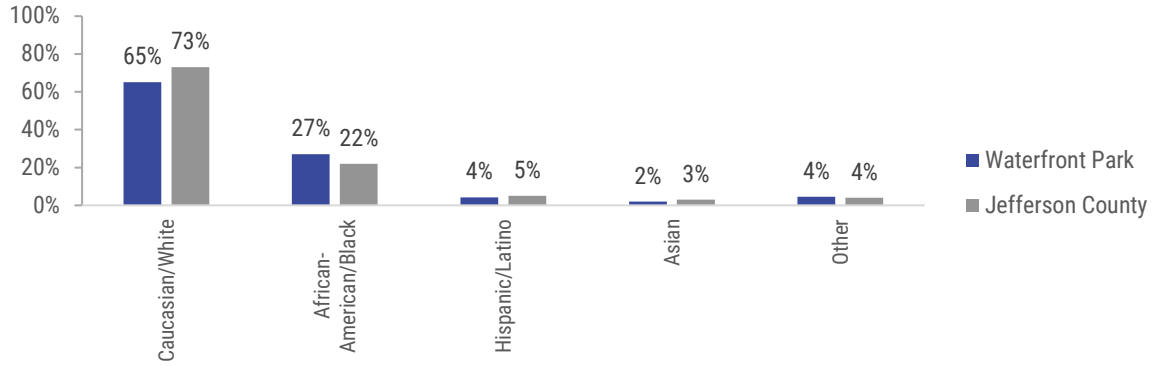
Below is a map that illustrates all unique zip codes provided by respondents within the United States.



Ethnicity and language: Waterfront Park is more diverse than Jefferson County. Illustrative of this are the 65% and 27% of park visitors who identify as Caucasian/White and African-American/Black respectively. In comparison, 73% of those who live in Jefferson County identify as Caucasian/White and 22% who identify as African-American/Black.[1]

Waterfront Park is more diverse than Jefferson County.

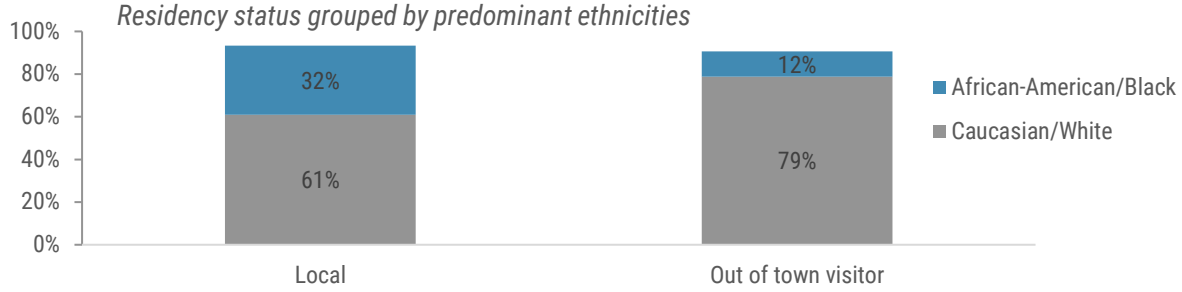
Jefferson County and Waterfront Park racial diversity



Out of town visitors are significantly more likely to be Caucasian/White than those who are local to the immediate metro area.

Out of town visitors are significantly more likely to be Caucasian/White than locals.

Residency status grouped by predominant ethnicities



In addition, we find that 75% of event-driven visitors identify as Caucasian/White while 18% identify as African-American/Black.

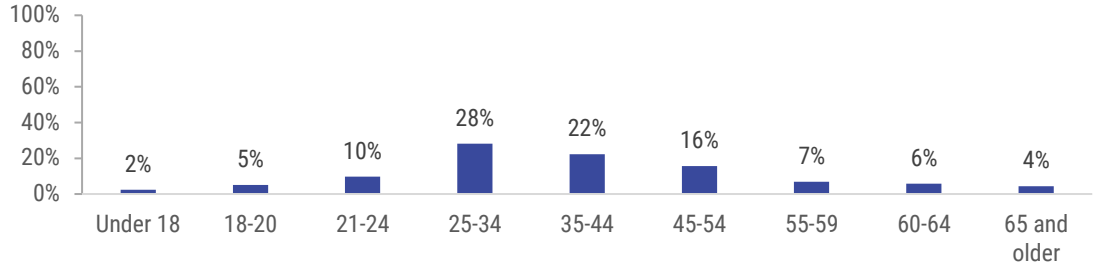
Park visitors speak 30 different languages, inclusive of languages such as Spanish, Arabic, Chinese, French, Bengali, Bosnian, Tagalog and Thai. The predominant language spoken is English (93%) with the next most commonly spoken language being Spanish (3%). A list of all languages and the respective amount of Waterfront Park visitors who speak those languages can be found in the appendix.

[1] https://www.census.gov/quickfacts/fact/table/jeffersoncountykentucky/PST04521

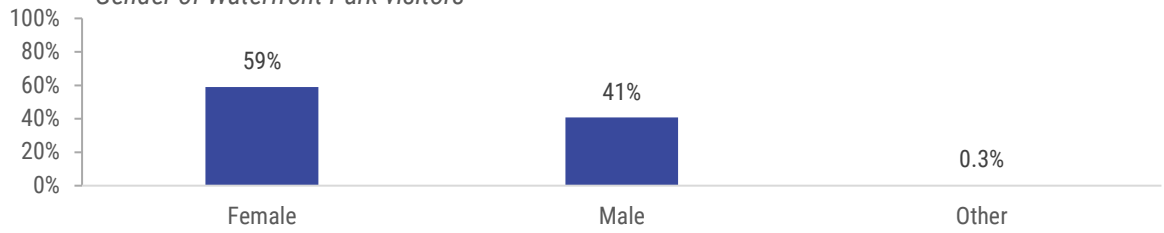
Age and gender: Waterfront Park attracts visitors of all ages. There is a heavy concentration of Waterfront Park visitors who fall within the 25 to 44-year-old age range (50%).

Waterfront Park attracts visitors of all ages.

Age of Waterfront Park visitors



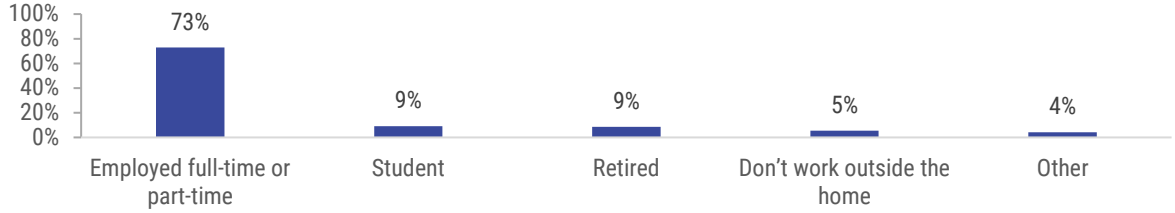
Gender of Waterfront Park visitors



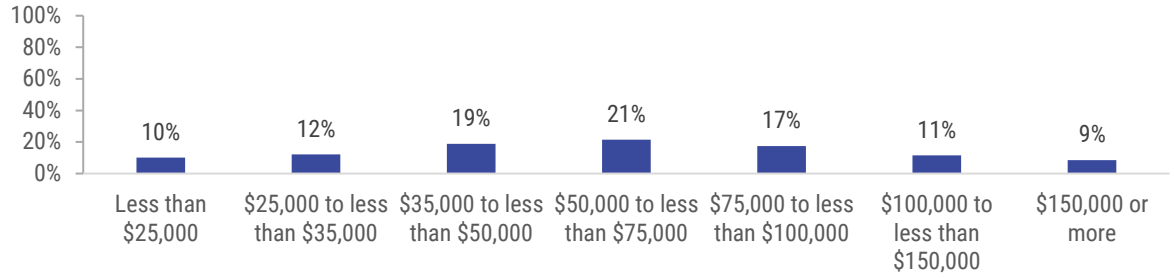
Income and employment status: In large, respondents are employed full or part-time. In comparison, the income distribution of Waterfront Park visitors is much less distinct; we see that people of various income levels visit Waterfront Park.

Waterfront Park visitors are of various income levels and are predominantly employed.

Employment status of Waterfront Park visitors



"What is the combined annual income of everyone in your home?"

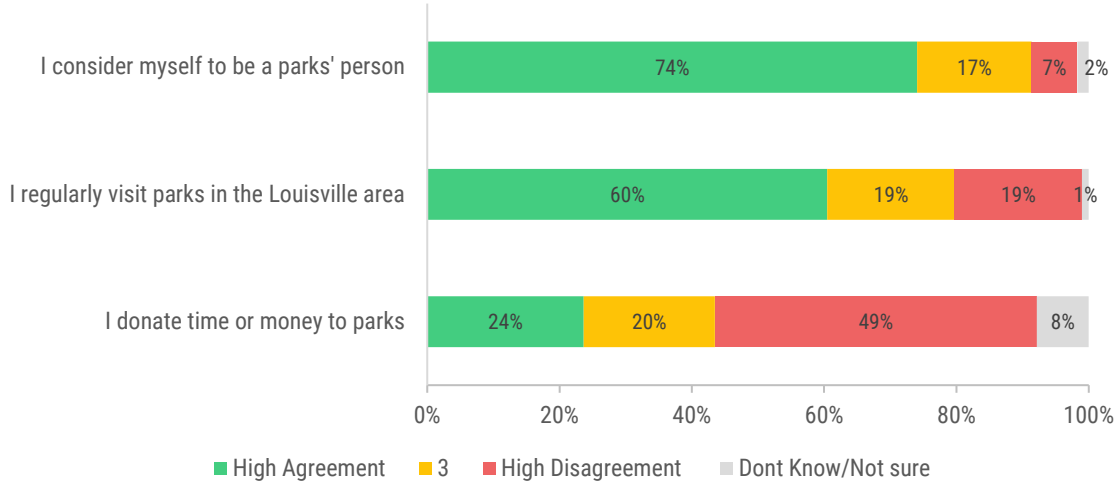


Out of town visitors reported having a larger combined annual income than locals. Locals are twice as likely to be part of the lower half of the income distribution than out of town visitors. Nearly half of locals (48%) have a combined annual household income of less than $50,000, in comparison to the quarter out of town visitors (24%).

Commitment with parks

Shifting to park visitors' level of commitment with parks, we observe that three out of four online survey respondents consider themselves to be a "parks' person" and slightly fewer regularly visit parks in the Louisville area (60%). Despite park visitors' interest and regular interaction with parks, only 24% donate time or money to parks.

The majority of Waterfront Park visitors consider themselves to be a "parks' person" and regularly visit parks in the Louisville area, but relatively fewer donate time or money to parks.



Trip Characteristics

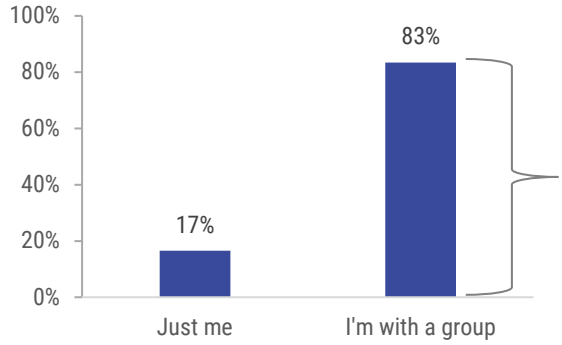
Group Profile

Group composition

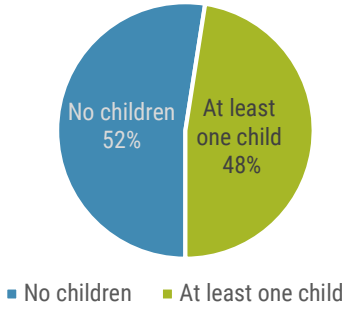
Now that we have examined who visits Waterfront Park, we will explore what their trip to Waterfront looks like. Generally speaking, park visitors visit Waterfront Park with a group (83%) as opposed to visiting the park alone. The majority of park visitors who go with a group are nearly as equally likely to bring children to the park as they are to go with other adults.

Park visitors are almost equally likely to bring children as they are to visit exclusively with other adults.

Waterfront Park visitors who go by themself versus with a group



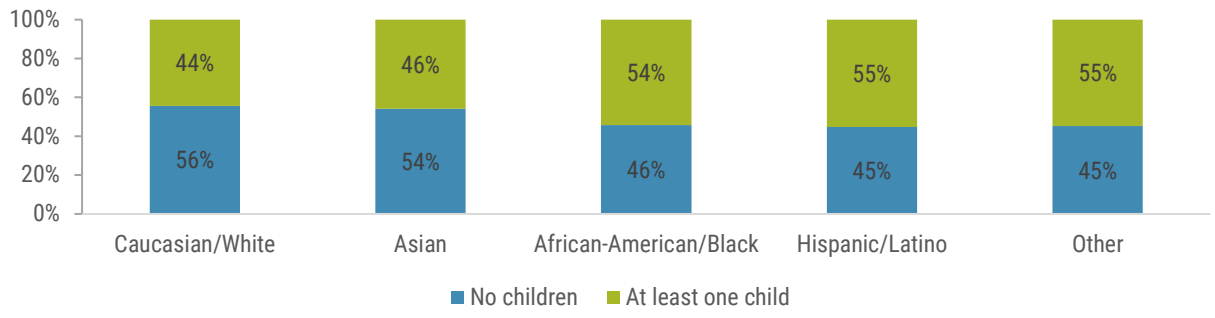
How many adults and/or children are in your group today?



The likelihood of park visitors bringing children to the park varies across race and ethnicity. Caucasian and Asian park visitors are the least likely to bring children with them to Waterfront Park while African-Americans, Hispanics and those who responded with 'Other' are more likely to bring children to Waterfront Park.

Caucasian park visitors are less likely to bring children with them to Waterfront Park than those who identified as African-American.

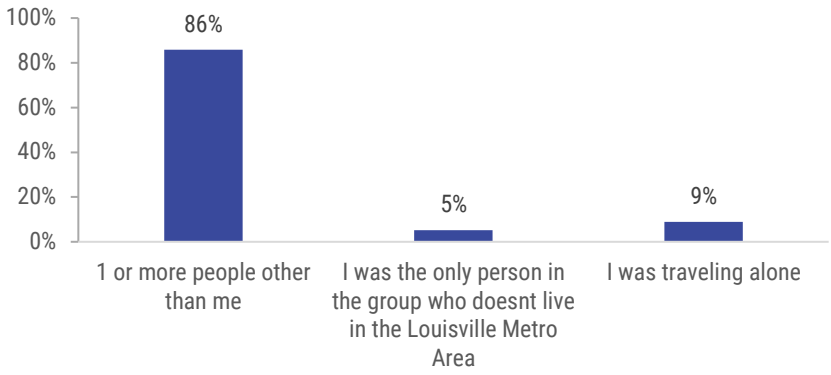
Waterfront Park visitor group composition stratified by race/ethnicity



Focusing on the group composition of out of town visitors, online survey participants indicated they predominantly travel with others who also live outside the immediate metro area. These 86% of individuals are most likely to come with one other person, though as many as 31 traveling companions was reported.

Out of town visitors predominantly travel with other out of town visitors when visiting the metro area.

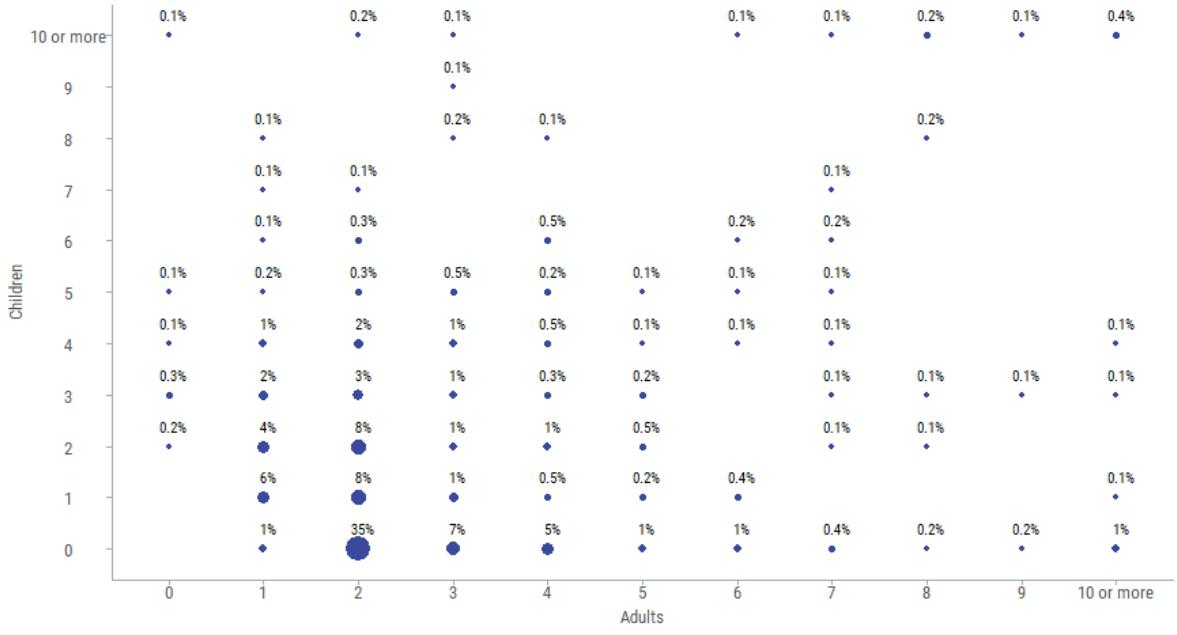
"How many people in your party also live outside of the Louisville Metro area?"



Diving deeper into the group structure of Waterfront Park groups, when we look at each individual combination, specifying beyond if visitors brought children or not a few observations can be made. The first being, the single most common group structure is two adults and zero children. Another observation that can be made is with regard to drawing in large groups, 22% of the groups that visit Waterfront Park are composed of five or more people. Illustrative of these observations is the chart below that depicts the size and combination of groups that visit Waterfront Park.

The single most common group combination of Waterfront Park visitors is two adults and zero children.

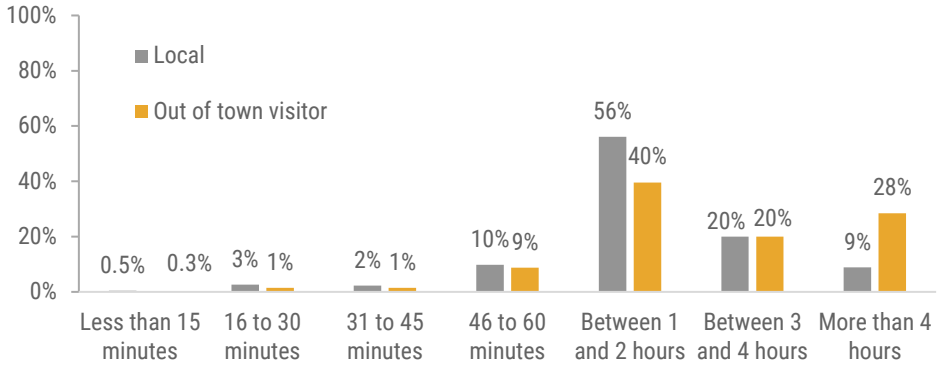
Group composition of Waterfront Park visitors



Frequency & Length: Overall, a park visitor will typically spend between one to two hours at Waterfront Park. When stratifying by residency, we notice out of town visitors are three times more likely to spend more than four hours at the park than locals are.

Park visitors typically spend between one to two hours at Waterfront Park.

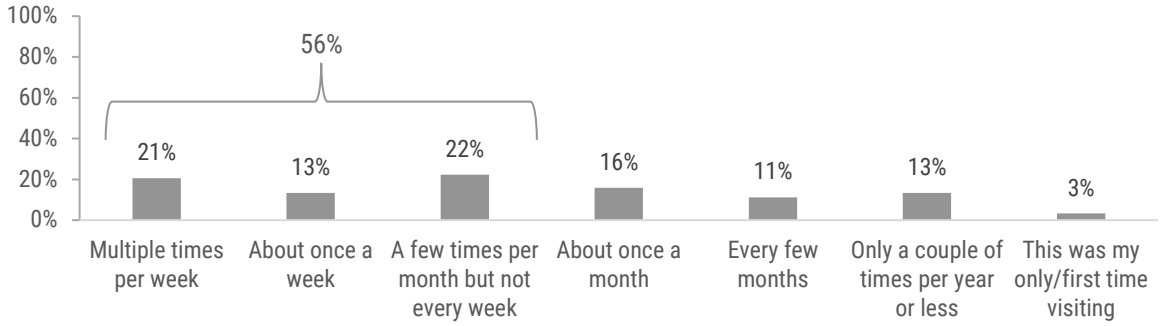
"About how long will you visit the park today?"



Examining the frequency at which people visit Waterfront Park, we observe locals visit often. In fact, more than half of the locals visit Waterfront Park at least a few times a month (56%). When considering out of town visitors, nearly one out of four out of town visitors indicated that they visit Waterfront Park multiple times on a single trip.

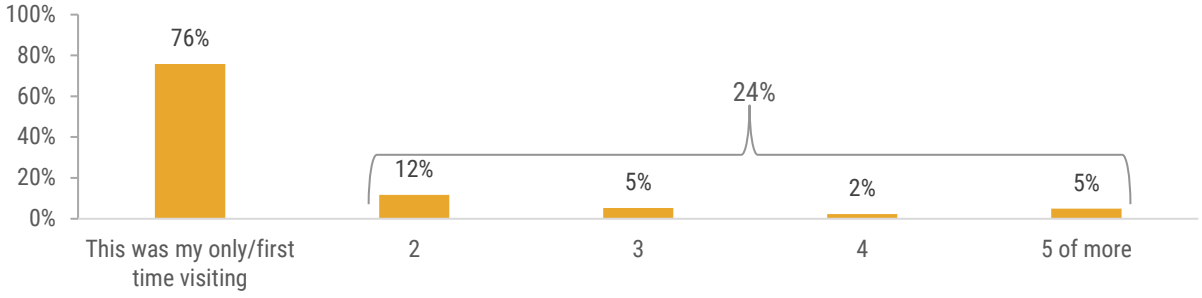
Over half of the park visitors who reside in the Louisville Metro Area visit Waterfront Park more than once a month.

Frequency at which locals visit Waterfront Park



Nearly one fourth of out of town visitors indicated they visited Waterfront Park multiple times during their trip.

Number of times out of town visitors indicated they had visited Waterfront Park



Motivation to visit Waterfront Park: With regard to park visitors' motivation to visit Waterfront Park, we find that visitors are attracted to the park for various reasons. The table below illustrates the various reasons park visitors go to Waterfront Park, listing the reasons in order of most frequently cited to least commonly cited.

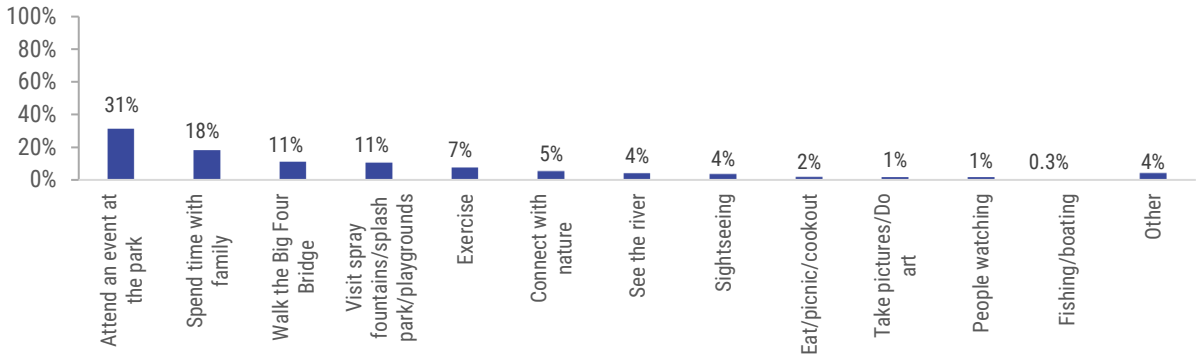
"What are the reasons for your visit to the park today?"

See the river	45%	Connect with nature	33%
Spend time with family	45%	Take pictures/Do art	30%
Walk the Big Four Bridge	38%	Visit spray fountains/splash park/playgrounds	29%
People watching	37%	Eat/picnic/cookout	19%
Exercise	36%	See specific attraction in the park (e.g. Lincoln Memorial)	14%
Attend an event at the park (concert, festival, fundraiser)	36%	Fishing/boating	1%
Sightseeing	34%	Other (Please specify)	5%

When identifying their main reason for visiting Waterfront Park, park visitors provided more distinct responses. One third of the park visitors visit Waterfront Park for the primary purpose of attending an event.

Attending an event is the main reason one third of people visit Waterfront Park.

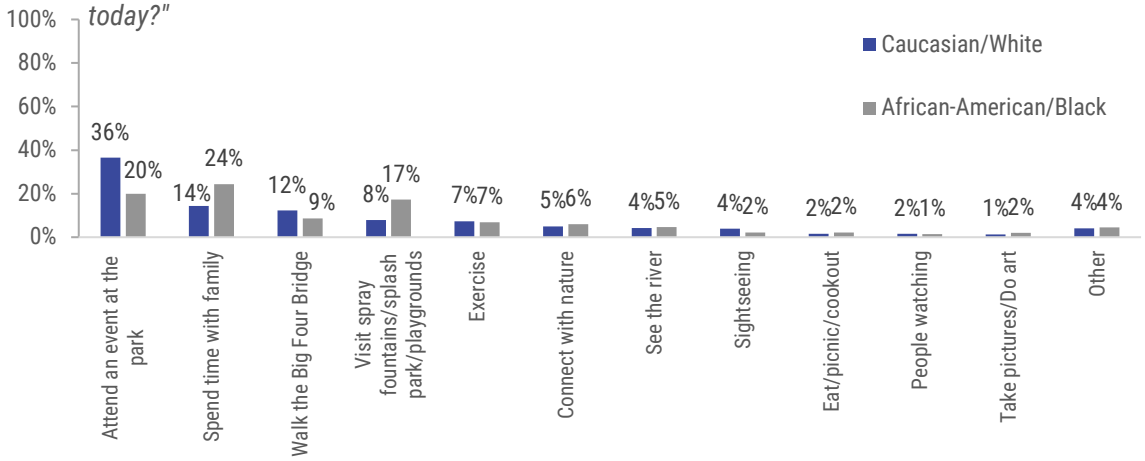
"From the answers you just gave, what is the main reason for your visit to the park today?"



The main reason to visit Waterfront Park varies across race/ethnicity; African-American park visitors provided more child-oriented reasons such as to 'spend time with family', or to 'visit spray fountains/splash park/playgrounds'. In contrast, Caucasian/White park visitors are significantly more likely to visit Waterfront Park to attend an event.

African-American park visitors are more likely to visit the park for child-oriented reasons while Caucasian park visitors most commonly visit to attend an event.

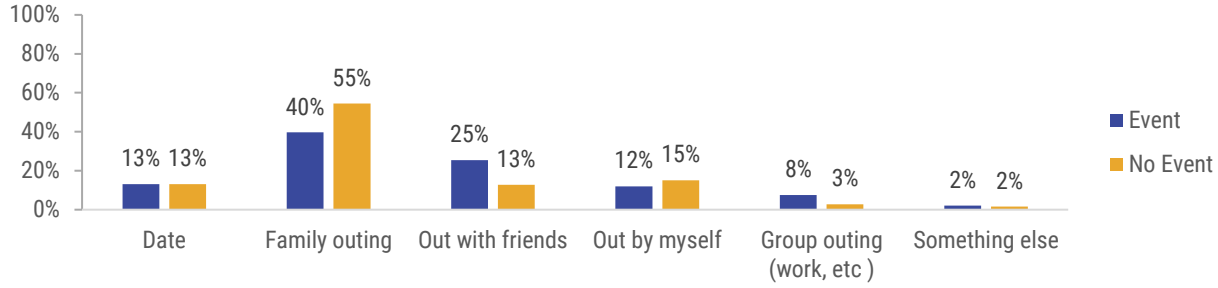
"From the answers you just gave, what is the main reason for your visit to the park today?"



We also observe a difference in motivation between event-driven visitors and non-event-driven visitors (event-driven visitors are defined to be those who were surveyed during an event). Park visitors are significantly more likely to be out with friends when attending an event, and considerably less likely to be out with their family.

Overall people describe their visit as a family outing, but significantly less so when at an event.

"How would you describe today's trip? Would you call this a...?"



Park Usage

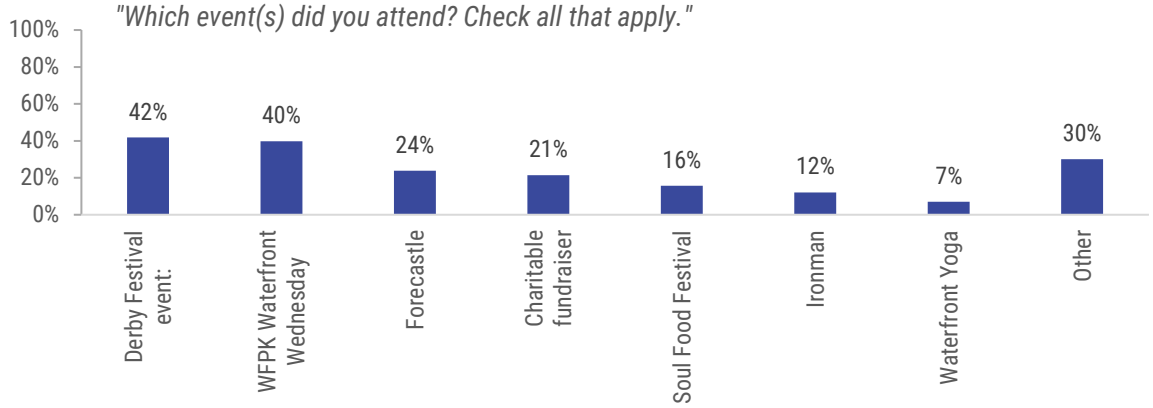
Events

A large majority of park visitors have attended an event hosted by Waterfront Park; representative of this is the 75% of online survey respondents who said “yes” when asked, "Hosting an event is a significant component of Waterfront Park's mission to the community. Have you attended an event at Waterfront Park?”

The most popular events are the Derby Festival event (42%) and Waterfront Wednesdays (40%). Forecastle (24%) and Charitable fundraisers (21%) are also popular choices. Frequent mentions in the “Other” option included the Mighty Kindness event and Hike, Bike and Paddle.

The Derby Festival has the highest attendance in relation to other events at Waterfront Park.

"Which event(s) did you attend? Check all that apply."



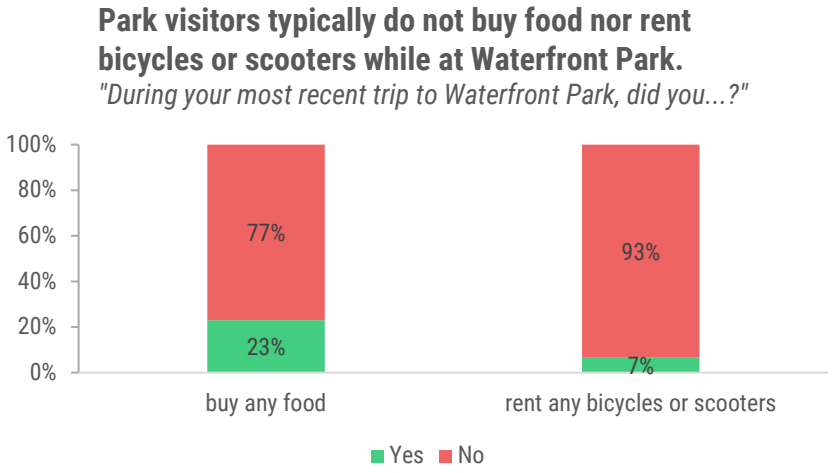
Park visitors think Waterfront Park should bring in a variety of additional events. Below is a table illustrating the events, in which online respondents expressed interest.

“What type of additional events, if any, do you think Waterfront Park should bring in? (Please check all that apply).”

Free concerts open to the community	66%	Fundraising events (cancer walks, etc.)	34%
Farmer’s Market	54%	Paid concerts	31%
Holiday activities	53%	Dog activities	30%
Water activities (boat races, paddling)	44%	Political events	13%
Ice Skating Rink	38%	Other	6%
Workout classes	33%	-	-

Vendors

Online survey respondents indicated occasional interaction with vendors at Waterfront Park. Representative of this are the 23% of park visitors who buy food and the 7% of park visitors who rent a bicycle or scooter (7%) while at Waterfront Park.



Park visitors are not short of recommendations when it comes to additional food and rental options they would like to see. Food trucks, local food and healthy food options are popular recommendations for additional food options. The most popular recommendations for rentals include water activities such as boat rentals, kayaks and paddle boats. A full list of suggestions for both categories is included as Appendix B – Recommendations.

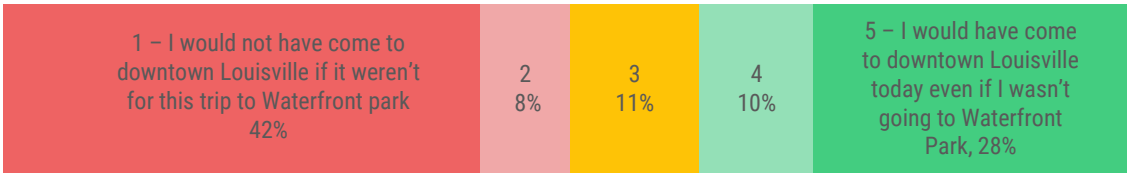
What is the impact of Waterfront Park, both in terms of the local and state economy?

Impact on Downtown Louisville

If Waterfront Park did not exist…

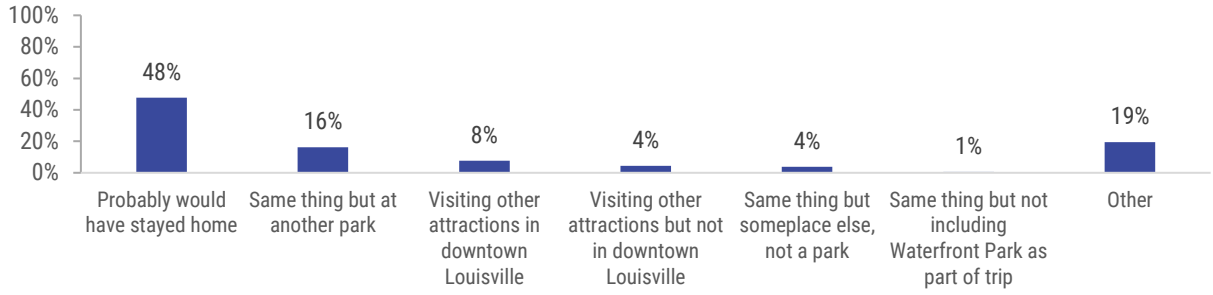
In assessing the impact Waterfront Park has on downtown Louisville, we will start by examining the likelihood of park visitors going to the downtown area if Waterfront Park were not part of their trip. Half of the park visitors indicated they would not go downtown were it not for Waterfront Park (score of 1 or 2) while 38% indicated they would go downtown regardless (score of 4 or 5). Below is a chart illustrating how respondents answered this question on a scale from one to five, one being they would not have made the trip downtown and five being they would have made the trip downtown.

One out of two visitors specified they would not have come to downtown Louisville were it not for Waterfront Park.
"If you were not at Waterfront Park, how likely is it that you would have come to downtown Louisville today?"



Coinciding with the previous statement, 48% of park visitors indicated they would stay home if they had not come to Waterfront Park.

Nearly half of park visitors specified they would have stayed home if they did not come to Waterfront Park.
"If you weren't at Waterfront Park today, what else do you think you would be doing?"



When assessing the other activities park visitors interact with while downtown, 54% of respondents specified that visiting Waterfront Park was the only activity in their trip to downtown. Of the respondents who specified plans apart from Waterfront Park, the most common activity is eating at a downtown restaurant (21%).

"What else are you going to be doing while you are in downtown today? Please only consider places that are in Downtown Louisville (check all that apply)."	
Only visiting the park as part of this trip	54%
Eating at a downtown restaurant	21%
Visiting the park but then leaving downtown to do other things	16%
Visiting one of the museums (Louisville Slugger, Muhammed Ali, Frasier, Louisville Science, etc.)	3%
I work in the area	3%
Visiting 4th Street Live	3%
Visiting one of the downtown shops	2%
Slugger Field – Bats Baseball	1%
Visiting another downtown business that is not a restaurant or shopping	1%
Visiting the Belle of Louisville	1%
Slugger Field – Soccer	0.4%
Attending an event at YUM! Center	0.1%
Other	8%

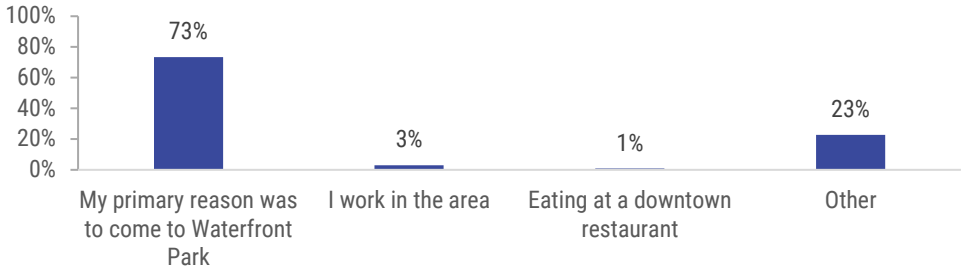
Spending profiles

Locals

Motivation: Shifting attention to the economic impact locals have on downtown Louisville, we will first examine the main intent locals have when visiting the area. Nearly three quarters of the locals identified Waterfront Park as their primary reason for visiting downtown.

Three in four locals identified Waterfront Park as their primary reason for visiting downtown Louisville.

"What is the main reason you are visiting downtown Louisville today?"

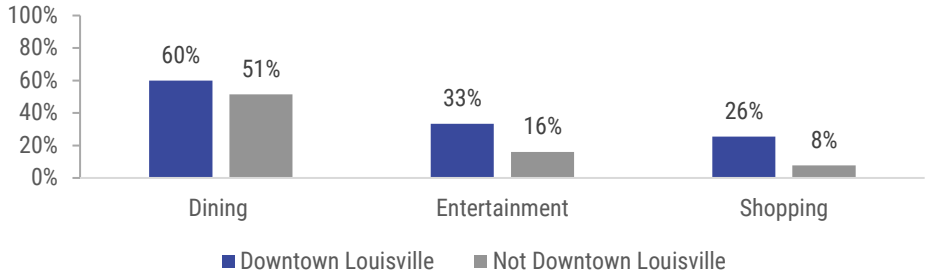


Spending profile: Online survey respondents were asked to itemize the spending of their most recent trip to the downtown area that included Waterfront Park, by first specifying if the money was spent in Downtown Louisville or not. Respondents then identified the amount of money spent in the three categories (dining, entertainment and shopping).

We found that local park visitors most commonly spend money while downtown than when in other parts of the metro area, regardless of spending category.

Locals more frequently spend money while downtown than when in other parts of the metro area.

Locals who spent money stratified by category



Exclusively focusing on the locals who spent money, we find on average they spend about the same amount of money on dining and entertainment irrespective of being downtown. In comparison, when analyzing the shopping category, the average amount spent while downtown is $22 more than the average spent before or after they go downtown.

"Thinking about the money that you spent during your most recent trip that included Waterfront Park, about how much did you spend on the following items?"

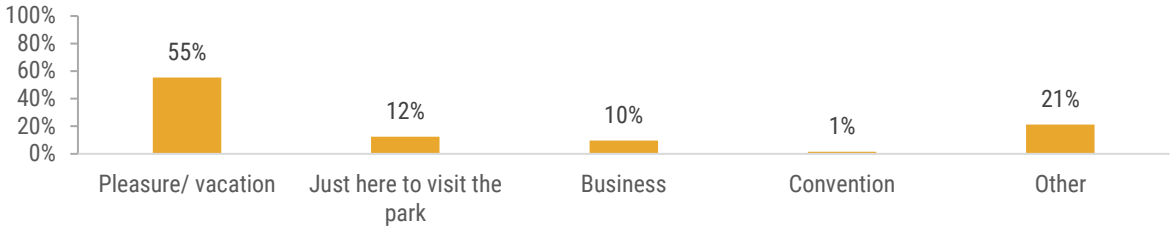
	Dowtown Louisville		Not Downtown Louisville	
	Range	Average	Range	Average
Dining	$2-$200	$36	$6-$150	$36
Entertainment	$5-$300	$59	$5-$180	$55
Shopping	$1-$500	$85	$10-$500	$63

Out of town visitors

Motivation and length of trip: Out of town visitors most frequently visit the Louisville and Southern Indiana area with the purpose of pleasure or vacation; over half of park visitors describe their trip as such. In comparison, about one in ten out of town visitors specified that they were in the area just to visit the park.

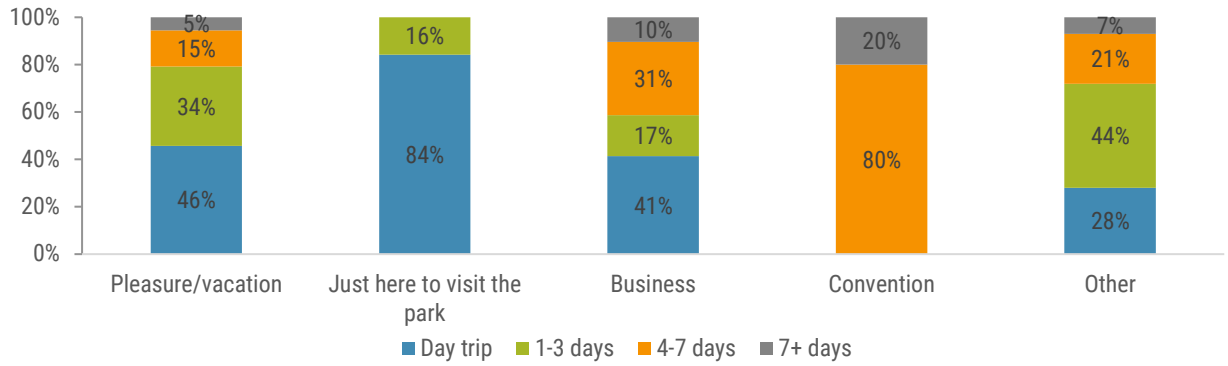
Out of town visitors most frequently visit the Louisville Metro Area for pleasure or vacation.

"What is the main reason for your visit to this area?"



Out of town visitors in the area for a convention typically stay the longest.

Out of town visitors trip length stratified by reason for visiting the area

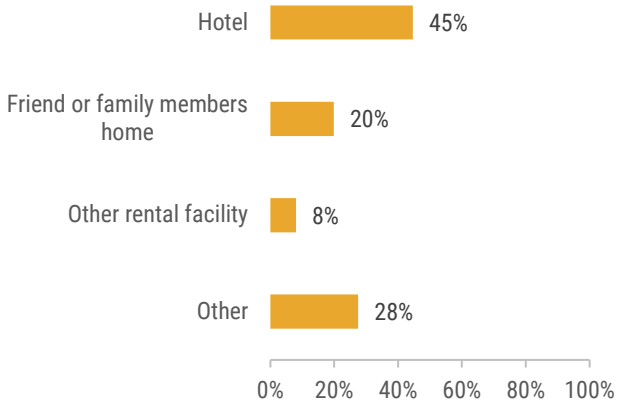


Stratifying the length park visitors stay by purpose, we observe that out of town visitors visiting for conventions stay the longest, typically staying for four to seven days. In comparison, park visitors who make the trip with the main intent of visiting the park stay the shortest length of time, most commonly staying just for the day.

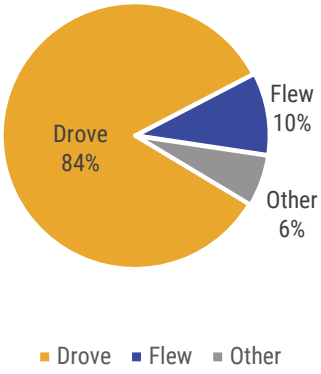
Transportation and lodging: With regard to lodging, out of town visitors are most likely to stay at a hotel (45%). The most common answer among the 'other' lodging category of those who were staying longer than a day is camping and the most common method of transportation for out of town visitors is driving (84%). This should not be surprising as 93% of the respondents live in Kentucky or a bordering state of Kentucky.

For their trip to the Louisville Metro area, out of town visitors typically stay at a hotel and drive.

"While you are visiting, are you staying in a…?"



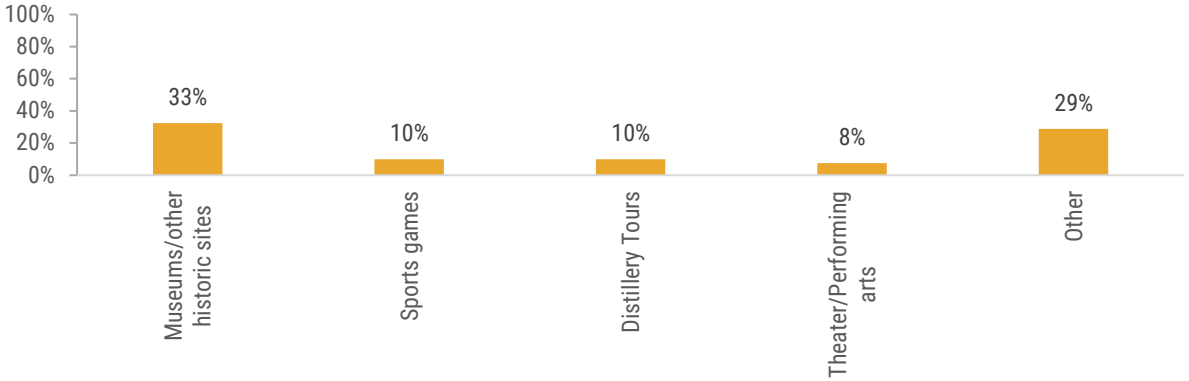
"For your most recent trip to the Louisville area, what form of transportation did you use to get to the area?"



Activities: Out of town visitors who responded to the online survey were asked what type of activities and places they engaged with while in the Louisville Metro area. The most popular choice is museums and other historic sites (33%) while sports games, distillery tours and theater received comparably similar scores (8%-10%).

The most popular activity among out of town park visitors is museums and historic sites.

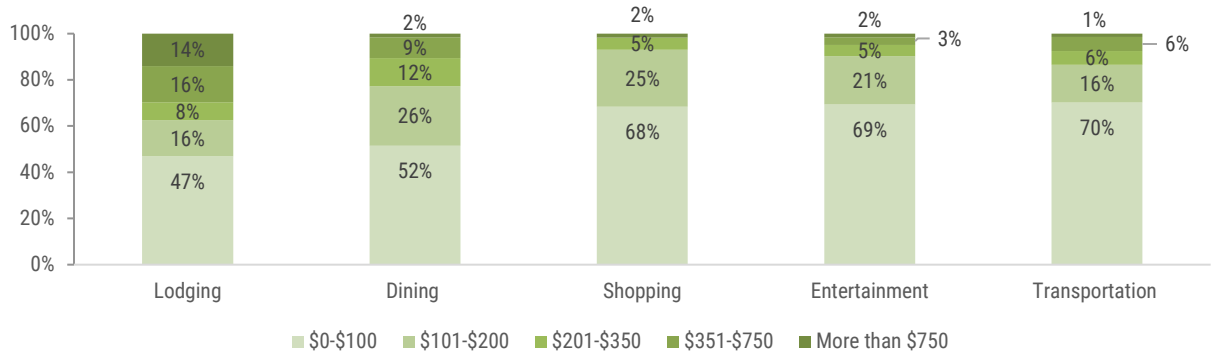
"While you were in Louisville, what other activities or attractions did you visit? (Please check all that apply)."



Spending profile: Focusing on the spending profile of out of town visitors, we see they typically spend the most on lodging and the least amount of money on transportation.

Out of town visitors typically spend the most on lodging and the least amount of money on transportation.

Out of town visitor spending profile



The following section is the in-depth economic impact assessment produced by Barry Kornstein. This economic impact assessment includes a thorough analysis of the impact that Waterfront Park has on the economic health of downtown Louisville and Jefferson County.

Assessed Economic Impact

The term "economic impact" is reserved for export industries that bring in new money to a regional economy, such as most manufacturing plants (because they sell their goods nationally or internationally). Most retail and service industries merely absorb local dollars that would have been spent regionally if not at a particular merchant in question, although there are exceptions such as the IKEA phenomenon, where a store is a destination for people living well beyond the immediate region, or an architectural or business consulting firm with clients nationwide. In fact, many businesses provide a mix of export and local supply. So, it is not unusual for an economic impact study to seek to tease out the export aspect of an activity from its entirety. Waterfront Park is clearly a highly valued amenity for people living in the region that also functions as an export service. This section of the report will look at this property of Waterfront Park in two different ways. First, we will look at the impact that Waterfront Park has on the Jefferson County economy via its usage by people coming from outside of Jefferson County and its surrounding counties. Second, we will examine the impact that the shift in spending by Jefferson County residents who don't live downtown as well as those who reside in the surrounding counties to downtown Louisville has on the downtown economy.

The Economic Impact of Nonlocal Visitors to Waterfront Park on the Jefferson County Economy

This analysis takes a very restrictive position as to what activity counts towards export oriented economic impact. We only include the visits by people who stated in the intercept survey that their primary reason for visiting Louisville was to come to Waterfront Park. We exclude those who responded that they came to Louisville for business, convention, or other pleasure/vacation reasons. While some who came for pleasure/vacation reasons may also have been attending events at Waterfront Park, we assume it was the event that drew them here, not the Park specifically. Whether or not any specific event would have occurred in Louisville (thus drawing visitors) without having been held at Waterfront Park is beyond the scope of this report. Therefore, we can view the results of the analysis as a bottom end estimate of Waterfront Park's impact.

IQS estimates that total annual visitation at Waterfront Park is in the range of 1.6 million to 3 million people. The intercept survey indicated that just under 22 percent of visitors came from outside of Jefferson County and the surrounding counties. Of those, 63 percent were overnight visitors to the Louisville area, while 37 percent were just spending the day in the region. Of the overnight visitors, just 3.6 percent said that their primary reason for visiting Louisville was to go to Waterfront Park. Of the day trippers, 22.6 percent said that they primarily came to Louisville to visit the Park.

Calculation of Local Waterfront Park Visits Relevant to Redistribution Spending Analysis

	Minimum	Maximum		
	1,600,000	3,000,000		Total Annual Visits
	21.9%			Percentage Non-Regional Visits
	349,920	656,100		Non-Regional Visits
63.0%		37.0%		Percent Overnight / Percent Day Trips
Overnight Visits		Day Trip Visits		
Minimum	Maximum	Minimum	Maximum	
220,520	413,474	129,400	242,626	Overnight Visits / Day Trip Visits
3.6%		22.6%		Primary reason for visiting Louisville was to come to Waterfront Park
7,873	14,761	29,257	54,858	Visits relevant to economic analysis

This narrows down the range of visits that are relevant to economic impact analysis considerably. Applying the percentages above to the range of total annual Park visits, we arrive at a range of between roughly 7,870 and 14,760 relevant visits by people who stayed overnight in the region, and a range of about 29,250 to 54,860 for relevant visits by people who stayed in the region just for the day.

The follow-up survey asked non-local visitors about their group's spending in five categories (transportation, lodging, dining, entertainment, and shopping). There were very few respondents who answered these questions who were primarily in town to visit Waterfront Park, while the majority were here for general pleasure/vacation reasons. Since it is likely that those people would spend similarly to the visitors who were here just for the Park on the days that they visited Waterfront Park, we used the survey results for all but the people here for business and conventions in calculating visitor spending profiles.

We estimate that overnight visitors spent an average of just over $78 per person per visit to Waterfront Park. They spent roughly $15.50 on transportation, $32.60 for lodging, $16.20 on dining, $7.50 on entertainment, and $6.30 shopping on average. Day trip visitors spent just a little bit less per person per visit to the Park than did the overnighters, about $75.60 per person for the day they were in town. They spent about $12.70 on transportation, $18.80 on dining, $25.50 on entertainment, and $18.60 shopping on average.

Economic Impact Relevant Spending by Waterfront Park Visitors to the Louisville Region

	Average Spending per Person per Visit	
	Overnight	Day Trip
Transportation	$15.46	$12.72
Lodging	$32.60	$0.00
Dining	$16.24	$18.86
Entertainment	$7.55	$25.47
Shopping	$6.32	$18.57
Total	$78.17	$75.62

	Total Annual Spending by Waterfront Park Visitors			
	Overnight		Day Trip	
	Minimum	Maximum	Minimum	Maximum
Transportation	$121,740	$228,263	$372,134	$697,751
Lodging	$256,669	$481,255	$0	$0
Dining	$127,827	$239,677	$551,785	$1,034,597
Entertainment	$59,465	$111,497	$745,237	$1,397,318
Shopping	$49,733	$93,248	$543,352	$1,018,786
Total	$615,435	$1,153,941	$2,212,508	$4,148,452

These estimates align fairly well with recent estimates produced by industry consultants for the Louisville Convention and Visitors Bureau. There are three relevant studies available on the LCVB website, and their total spending estimates per person per day for overnight visitors range from $139 to $162, and for day trip visitors from $47 to $65. The differences from the Waterfront Park survey results lie mostly in the entertainment and shopping categories. The LCVB commissioned studies include business and convention travelers, who tend to spend much more in those categories when staying overnight than other travelers. We have this result in the Waterfront Park survey as well. The day trip visitors in this survey spend more in these categories, but this might be expected since people coming to a downtown location would likely seek out those kinds of venues more than people visiting other parts of the region just for the day. Many day trippers are here to visit relatives or are involved in specific family and child-centric activities (such as youth sports) that would lessen their spending on entertainment and shopping. We feel that the above estimates are reasonable per person per visit spending profiles.

Multiplying the spending profiles by the minimum and maximum estimates for Park visits by overnighters and day trippers gives us estimates for the total annual spending by category. Overnight visitors to the region add between $615,000 and $1.15 million in economic impact relevant spending to the Jefferson County economy. Day trip visitors add between $2.2 million and $4.1 million in economic impact relevant spending to the Jefferson County economy. This represents direct spending at downtown Louisville businesses.

We utilize the IMPLAN economic modeling program to estimate all of the spending effects in this report. IMPLAN is one of the most widely used regional input-output modeling systems in the world, used in thousands of studies. Input-output models are based upon detailed data describing how much each industry buys from every other industry in order to produce their output, in addition to the compensation they pay their employees and the taxes they pay. IMPLAN has details on 536 industries and associated commodities (goods and services) and includes a sophisticated county-to-county trade model so that it can predict how much each industry buys from every other industry in the state, as well as how much must be imported from outside the state to support a given level of production. Industry production creates household spending, as well as goods and services, through labor income, much of which is then spent on goods and services. IMPLAN models this through detailed data on personal consumption expenditures, creating detailed household spending patterns for each of nine household income groups.

Economic Impact on Jefferson County from Overnight Visitors to Waterfront Park

Impact Type	Employment	Labor Income	Value Added	Output
		Minimum		
Direct Effect	5.8	$187,466	$306,669	$499,664
Indirect Effect	1.3	$62,319	$106,827	$182,166
Induced Effect	1.4	$63,494	$111,003	$186,970
Total Effect	8.3	$313,279	$524,499	$868,800
		Maximum		
Direct Effect	10.8	$351,498	$575,005	$936,870
Indirect Effect	2.3	$116,847	$200,301	$341,560
Induced Effect	2.6	$119,052	$208,131	$350,570
Total Effect	15.7	$587,397	$983,437	$1,629,000
		Impact Within Downtown Louisville		
Total Effect	Employment	Labor Income	Value Added	Output
Minimum	6.4	$219,544	$364,605	$595,141
Maximum	12.0	$411,646	$683,635	$1,115,889

The table above summarizes the annual economic impacts generated by the spending of out-of-town overnight visitors to Waterfront Park. We'll first briefly explain the row and column headings. Direct Effect refers to the change being modeled, in this case the downtown spending related to Waterfront Park visits. The Indirect Effect is the result of the linkages between businesses as they purchase inputs from each other (raw materials, transportation, electricity, tools, computers, insurance, etc.). When households purchase goods and services, businesses change their purchases from vendors, which may support changes in employment and payrolls. Of course, the vendors also purchase goods and services from each other, so that the total indirect effect includes all the inter-industry linkages. The Induced Effect refers to the impact via the spending of affected households. Regional sales of cars, groceries, building supplies, banking services, and so on are all sensitive to growth in disposable income, as are donations to nonprofit groups, churches, and charities. The induced effect includes the household spending of all households affected directly and by the indirect linkages. The Total Effect is the sum of the Direct, Indirect and Induced Effects.

Labor income includes fringe benefits (both privately provided, such as health insurance or retirement fund matches, and government provided, such as Social Security and Medicare payments) as well as proprietor income (e.g. self-employment and unincorporated small businesses). Value Added refers to the portion of the value of products that is not tied to the cost of purchased inputs. It is the difference between the sales value of a product or service Labor income includes fringe benefits (both privately provided, such as health insurance or retirement fund matches, and government provided, such as Social Security and Medicare payments) as well as proprietor income (e.g. self-employment and unincorporated small businesses). Value Added refers to the portion of the value of products that is not tied to the cost of purchased inputs. It is the difference between the sales value of a product or service and the value of all the purchased inputs, so it is the additional value gained during the production process. Since an input of one industry is the output of an industry upstream in the production process, focusing on value added avoids double counting. State level GDP, for example, is just the sum of the value added at all businesses in the state (not the sum of their output/sales). Output is usually just total sales, except for retail establishments. The merchant's cost for goods sold at retail is excluded from Output, which is why the direct output figures do not equal the total annual visitor spending in the previous table.

The spending of overnight visitors who were primarily in Louisville to visit Waterfront Park produces enough economic activity to support between 8 and 16 jobs across Jefferson County. Those jobs provide incomes totaling from $310,000 to $590,000 and add between half a million and a million dollars to the area's GDP. About 76 percent of the job impact and 70 percent of the other impacts occur within downtown Louisville (defined as the 40202 zip code, which captures most of what is usually considered downtown and the majority of Nulu).

Economic Impact on Jefferson County from Day Trip Visitors to Waterfront Park

Impact Type	Employment	Labor Income	Value Added	Output
		Minimum		
Direct Effect	25.4	$694,477	$858,769	$1,595,367
Indirect Effect	5.4	$225,775	$419,669	$702,113
Induced Effect	4.9	$232,384	$406,225	$684,285
Total Effect	35.8	$1,152,635	$1,684,662	$2,981,764
		Maximum		
Direct Effect	47.6	$1,302,143	$1,610,191	$2,991,313
Indirect Effect	10.0	$423,329	$786,879	$1,316,461
Induced Effect	9.3	$435,720	$761,671	$1,283,033
Total Effect	67.0	$2,161,191	$3,158,742	$5,590,808
		Impact Within Downtown Louisville		
Total Effect	Employment	Labor Income	Value Added	Output
Minimum	27.6	$802,285	$1,079,775	$1,946,730
Maximum	51.8	$1,504,283	$2,024,579	$3,650,118

The annual spending of day trip visitors who were primarily in Louisville to visit Waterfront Park produces enough economic activity to support between 36 and 67 jobs across Jefferson County. Those jobs provide incomes totaling in the range of $1.15 million to $2.16 million, and add between $1.7 million and $3.2 million dollars to the area's GDP. About 77 percent of the job impact and 67 percent of the other impacts occur within downtown Louisville.

Economic Impact on Jefferson County from All Visitors to Waterfront Park

Total Effect	Employment	Labor Income	Value Added	Output
Minimum	44.1	$1,465,914	$2,209,162	$3,850,564
Maximum	82.7	$2,748,588	$4,142,178	$7,219,808
Impact Within Downtown Louisville				
Total Effect	Employment	Labor Income	Value Added	Output
Minimum	34.0	$1,021,829	$1,444,381	$2,541,871
Maximum	63.8	$1,915,929	$2,708,213	$4,766,007

Altogether, out-of-town visitors to Waterfront Park have an annual impact on sales in Jefferson County of between $3.8 and $7.2 million, of which between $2.2 million and $4.1 million is unique value added. That activity supports 44 to 83 jobs in the county with incomes totaling $1.4 million to $2.7 million. Most of this impact occurs within downtown Louisville. Out-of-town visitors support between 34 and 64 jobs in downtown Louisville, with incomes totaling between $1 million and $1.9 million. Because of the restrictive way we defined which visitors were relevant to economic impact, these results can be seen as the very low end of the true Waterfront Park impact on Louisville.

There are also taxes collected when visitors spend money in the local economy and additional tax collections from local residents whose jobs are supported by visitor spending. The table below summarizes the economic impact related tax effects that are the most direct and easiest to quantify. There may be other tax impacts (such as property tax increases on homes and motor vehicles) but they are indirect and their relation to visitor spending is much harder to tease out. We therefore concentrate on taxes directly impacted by spending and incomes.

Economic Impact Related Tax Effects due to Non-Local Visitors to Waterfront Park

	Minimum	Maximum
Taxes Collected from Visitor Spending		
Jefferson County Transient Room Tax	$21,817	$40,907
State Transient Room & Sales Tax on Lodging	$16,057	$30,107
State Sales Tax	$87,251	$163,595
Taxes Collected from Local Residents due to Supported Jobs		
State Income Tax	$39,580	$74,212
State Sales Tax	$46,909	$87,955
Jefferson County Occupational Taxes	$17,712	$33,209
JCPS Occupational Tax	$7,787	$14,601

When visitors stay in paid lodging they pay a transient room tax to both the county and the state, as well as state sales tax. We estimate that visitors to Waterfront Park generate between $21,000 and $41,000 in room tax to Jefferson County and between $16,000 and $30,000 in room related taxes to the state (the latter figures reflect the fact that 20 percent of lodging was used by Kentuckians, who likely would have spent that money elsewhere in the state if not in Louisville, and paid sales tax). Visitors also pay state sales tax on their dining, entertainment, and shopping expenditures. We estimate that this spending generated between $87,000 and $164,000 in revenue for the state (again, these figures reflect the fact that 30 percent of non-local visitors were Kentuckians, who likely would have spent that money elsewhere in the state).

State income and sales taxes related to the jobs and incomes supported by visitor spending is derived via effective tax rates. Effective rates are the typical collections given the total value of incomes in a jurisdiction. We estimate that the state collects between $39,000 and $74,000 in income tax and between $46,000 and $88,000 in sales tax resulting from the household incomes supported by Waterfront Park tourism. The county and school occupational taxes are collected directly from income (for the most part), so the calculations are straightforward (we do adjust the school tax because it is only collected from county residents). We estimate that Waterfront Park tourism generates between $18,000 and $33,000 in county occupational tax and between $8,000 and $15,000 in school occupational tax.

Altogether, we estimate that the most direct state tax benefits from Waterfront Park tourism total somewhere between $173,000 and $326,000, while the most direct tax benefits to Jefferson County total between $47,000 and $89,000.

The Effect on Downtown Louisville of Redistributed Spending by Local Waterfront Park Visitors

In addition to acting as a draw to our city for travelers, Waterfront Park attracts many visitors from all the Jefferson County neighborhoods and surrounding counties. When local residents spend money in the Park or at neighboring businesses they are not adding new money to the local economy, we assume that they would have spent the same amount of money in other ways at businesses located elsewhere in the region. But Waterfront Park does act as a magnet redirecting spending away from the other areas of Jefferson County and the surrounding counties towards downtown Louisville.

The intercept survey indicated that just over 78 percent of visitors came from either Jefferson County or one of the surrounding counties. Of those, about 98 percent were not residents of downtown Louisville. Of the regional visitors who answered the question, approximately 86 percent said that their primary reason for visiting downtown on that day was to go to Waterfront Park. Applying the percentages above to the range of total annual Park visits, we arrive at a range of between about 1.06 million and 1.99 million visits by local people that are relevant to the analysis of the geographic redistribution of local spending.

Calculation of Local Waterfront Park Visits Relevant to Redistributed Spending Analysis

Minimum		Maximum	
1,600,000		3,000,000	Total Annual Visits
	78.1%		Percentage Regional Visits
1,250,080		2,343,900	Regional Visits
	98.3%		Percent Not a Downtown Resident
Minimum		Maximum	
1,228,204		2,302,882	Local Visitors not from Downtown
	86.4%		Primary reason for visiting downtown was to come to Waterfront Park
1,061,659		1,990,611	Visits relevant to redistribution analysis

The follow-up survey asked local visitors about their group's spending in three categories (dining, entertainment, and shopping). Over three-quarters of the respondents who answered these questions were downtown primarily to visit Waterfront Park, so we were able to use spending estimates exclusively from this group in calculating visitor spending profiles. We estimate that local Park visitors spent an average of about $21.70 per person per visit to Waterfront Park. Their spending was roughly evenly split, on average, between dining ($7.50), entertainment ($7.00), and shopping ($7.20).

Redistribution Relevant Spending by Local Waterfront Park Visitors

	Average Spending per Person per Visit	
Dining	$7.48	
Entertainment	$7.01	
Shopping	$7.17	
Total	$21.66	
	Total Annual Spending	
	Minimum	Maximum
Dining	$7,943,634	$14,894,313
Entertainment	$7,437,087	$13,944,538
Shopping	$7,614,175	$14,276,578
Total	$22,994,895	$43,115,429

Multiplying the spending profiles by the minimum and maximum estimates for Park visits by locals not residing downtown gives us estimates for the total annual spending by category. Local Waterfront Park visitors shifted between $23 million and $43.1 million in spending from other areas of Jefferson County and surrounding counties to downtown Louisville.

Effect on Downtown Louisville of Redistributed Spending by Local Waterfront Park Visitors

Impact Type	Employment	Labor Income	Value Added	Output
		Minimum		
Direct Effect	307.9	$8,205,654	$10,183,320	$18,800,157
Indirect Effect	23.4	$1,181,354	$2,432,858	$3,861,169
Induced Effect	1.5	$69,224	$122,939	$198,836
Total Effect	332.8	$9,456,232	$12,739,118	$22,860,162
		Maximum		
Direct Effect	577.3	$15,385,600	$19,093,726	$35,250,293
Indirect Effect	43.8	$2,215,040	$4,561,610	$7,239,693
Induced Effect	2.9	$129,796	$230,511	$372,818
Total Effect	624.0	$17,730,436	$23,885,846	$42,862,804

This redirected spending has a significant effect on downtown Louisville. The shift in spending from the areas outside of downtown and surrounding counties to Waterfront Park and nearby businesses has an annual effect on sales in downtown Louisville of between $22.8 and $42.8 million, of which between $12.7 million and $23.9 million is unique value added. That activity is enough to support 333 to 624 jobs within the downtown area, with incomes totaling $9.4 million to $17.7 million. The upper end of these estimates represents about one percent of all jobs in the downtown area (and 0.4 percent of labor income).

It is important to note that a reorientation of local spending towards downtown Louisville does not imply a zero-sum situation. Nearly 20 percent of the spending comes from regional residents living outside of Jefferson County, 10.6 percent living in Indiana (Clark, Floyd, and Harrison counties) and 9 percent in the Kentucky counties adjacent to Jefferson County. Further, amenities in any part of the county will act to redirect some local spending to their immediate area, but still act as enhancements for the entire region. Finally, the kind of spending that occurs downtown (primarily retail, entertainment, and dining) by Waterfront Park visitors has similar effects countywide and regionwide no matter where it occurs in Jefferson County. That is, dollars spent dining out anywhere in the county will produce similar spinoff effects both in magnitude and geographic coverage. The following table shows the indirect and induced effects estimated for the rest of Jefferson County and the metro counties outside of Jefferson County that are the result of the downtown spending by local Waterfront Park visitors. Comparing to the previous table we see that the bulk of the indirect and induced effects will occur outside of downtown.

Effect on Downtown Spending by Local Waterfront Park Visitors on the Rest of Jefferson County and the Louisville MSA

Impact Type	Employment	Labor Income	Value Added	Output
The Rest of Jefferson County				
Minimum				
Indirect Effect	36.2	$1,413,410	$2,394,121	$4,202,481
Induced Effect	56.7	$2,657,329	$4,643,263	$7,829,846
Maximum				
Indirect Effect	68.0	$2,650,144	$4,488,977	$7,879.,651
Induced Effect	106.3	$4,982,491	$8,706,119	$14,680,960
MSA Counties Outside of Jefferson County				
Minimum				
Indirect Effect	6.5	$168,565	$231,823	$714,488
Induced Effect	18.5	$876,037	$1,618,854	$2,973,610
Maximum				
Indirect Effect	12.1	$316,058	$434,667	$1,339,664
Induced Effect	34.7	$1,642,569	$3,035,350	$5,575,519

Close to a third of locals for whom visiting Waterfront Park was their primary reason for being downtown were there to attend a specific event, such as a concert, festival, or fundraiser. It is possible that it was the event that brought them downtown rather than Waterfront Park itself. But it is also the case that many, if not most, of these events would not have occurred at a downtown location except for Waterfront Park. Because our spending estimates are based in part on answers from people attending specific events they do partially incorporate this possibility. We therefore think that the results are a fairly accurate representation of the effect that Waterfront Park has on the geography of local spending patterns.

Because all of the spending comes from locals there is no tax effect from the jobs and incomes supported in the downtown area from the shift in spending from the other areas of Jefferson County and surrounding counties. There are likely indirect tax effects, most prominently arising from increased property valuation for several blocks surrounding Waterfront Park. But these effects are very difficult to separate out from other factors and are beyond the scope of the present study.

Waterfront Park is an important part of a package of amenities that Louisville has to offer its citizens and guests, and as such helps make Louisville an attractive place to live and locate a business. The findings in this section can be seen as the bare minimum impact that Waterfront Park has on the economic health of downtown Louisville and Jefferson County.

Perceptions of Waterfront Park

Satisfaction

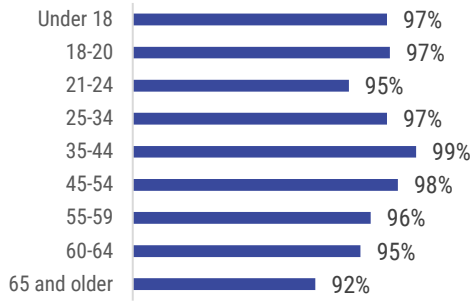
Overall Satisfaction

Overwhelmingly, people are satisfied with their visits to Waterfront Park. Indicative of this is the 97% of park visitors who are likely to recommend (scored a 4 or 5) the park to friends or family. It should be noted that less than 1% of the respondents were not likely to recommend (scored a 1 or 2) the park. Park visitors regardless of age, event-driven and group composition are satisfied with their trip to Waterfront Park.

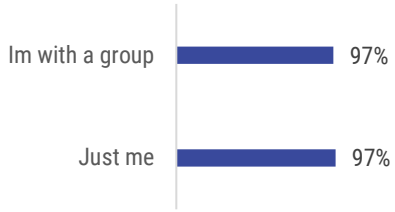
Waterfront Park excels at sending visitors home satisfied with their overall experience with the park.

"Based on your visit today, how likely would you be to recommend the park to friends and family?"

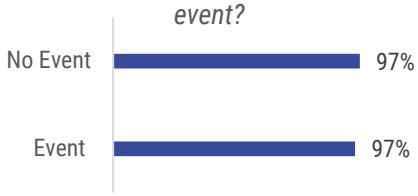
Age



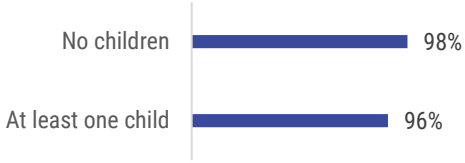
With group or alone



Survey completed during an event?



Brought children with them



Different Aspects of the Waterfront Experience

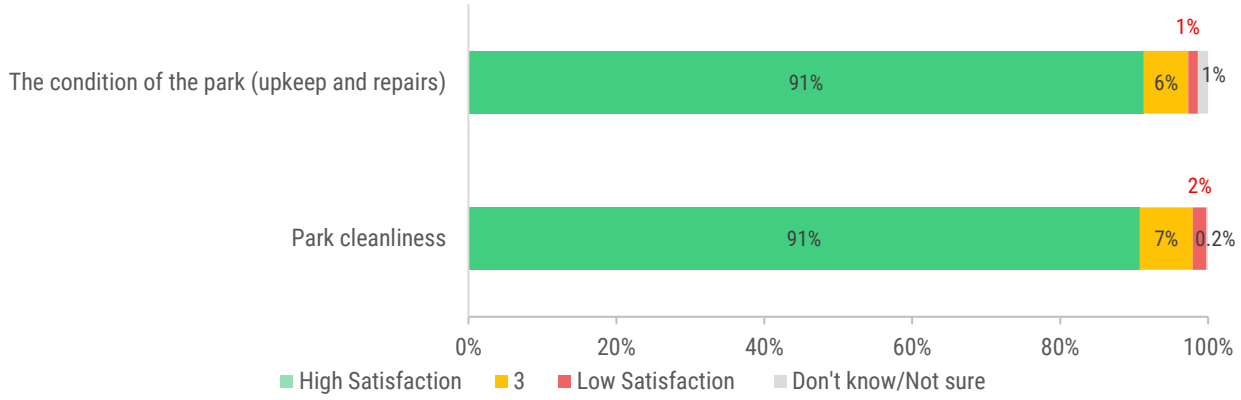
While visitors are satisfied overall with their trip to Waterfront Park, it is still important to examine the various aspects of their Waterfront Park experience.

Park Maintenance

Overall, people displayed a great deal of satisfaction with Park Maintenance. The two components for park maintenance are park cleanliness and the condition of the park. The distribution of the scores for both elements is nearly identical and very positive.

Waterfront Park visitors are highly satisfied with the conditions and cleanliness of the park.

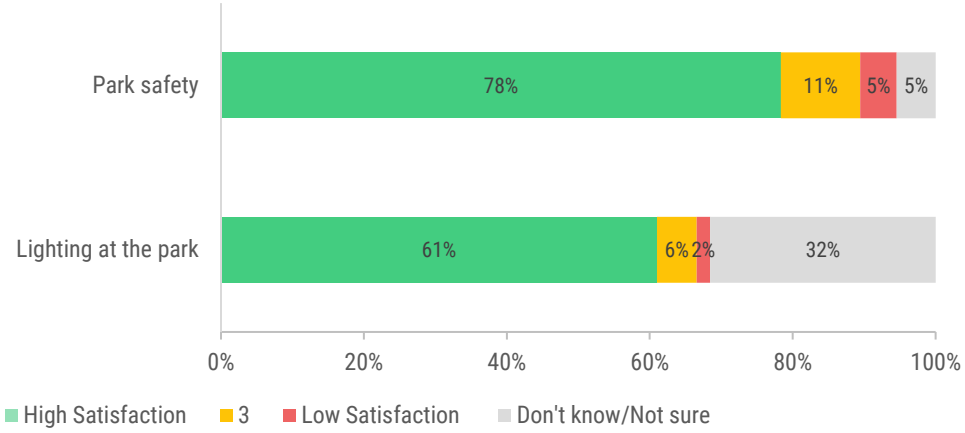
Park maintenance



Safety

Overall, park visitors feel safe at the park. The two components are lighting at the park and park safety. When comparing the two components, we see the biggest discrepancies between the scores of "Don't know/Not sure." There is much more uncertainty surrounding park visitors' knowledge level with lighting at the park.

Park visitors are highly satisfied with park safety.
Park Safety



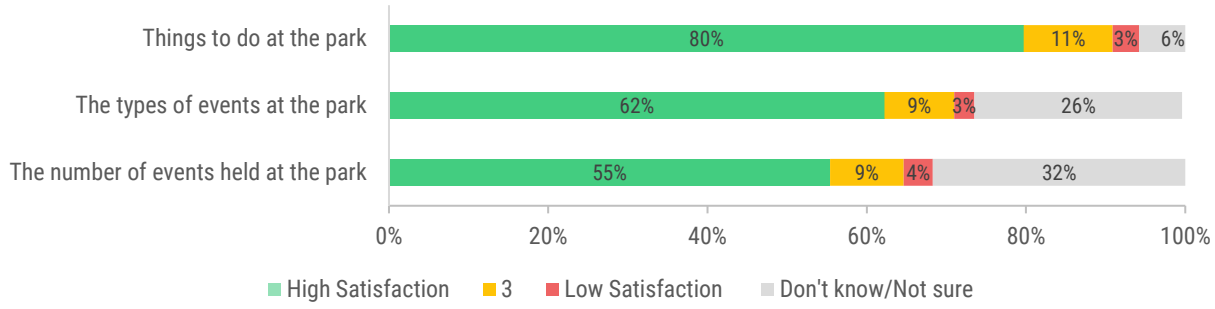
Supporting the park safety component score, nearly three out of four (74%) online survey respondents exhibited high agreement with the following statement, "I personally feel safe when I am in Waterfront Park."

Events and Amenities

Park visitors are satisfied with the current activities at the park. However, park visitors feel there needs to be a larger variety of events held at Waterfront Park, and they would like for them to occur more frequently. The three components evaluated were the number of events held at the park, the types of events held at the park, and things to do at the park. When analyzing the individual components, we see park visitors' satisfaction was the highest with 'Things to do at the park'.

Park visitors are satisfied with the current activities at Waterfront Park, but want a larger variety in the types of events along with an increase in frequency.

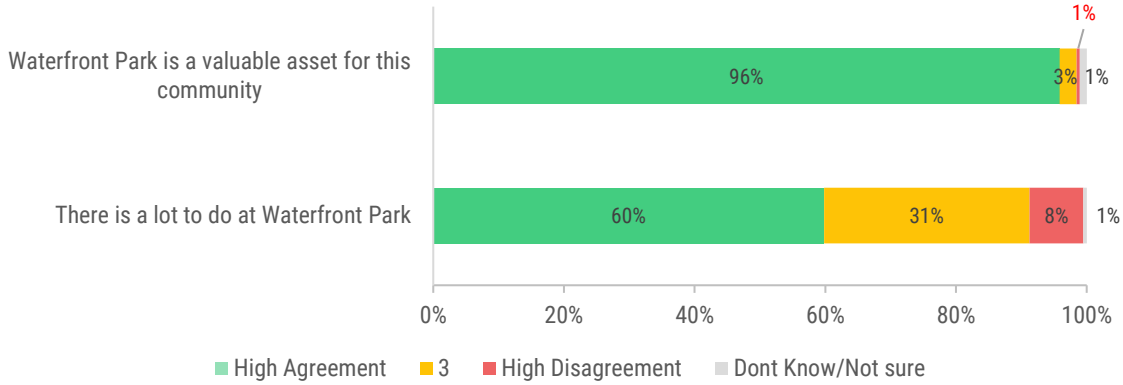
Events and Amenities



Locals: Online survey participants who are local to the metro area answered a few questions concerning their perception of the value Waterfront Park adds to the Louisville Metro area community. While 96% of respondents agreed that "Waterfront Park is a valuable asset to the community", only 60% exhibited high agreement with, "There is a lot to do at Waterfront Park."

While locals agree that Waterfront Park is a valuable asset to the community, not all agree there is a lot to do at the park.

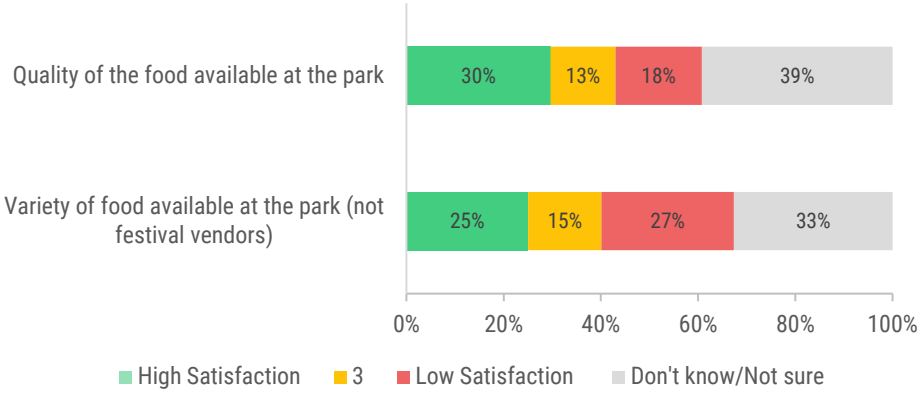
Locals' perception around Waterfront Park's value



Food

Overall, park visitors are not satisfied with the food available at Waterfront Park. The two components for satisfaction with food at Waterfront Park are the variety and quality of the food available.

Visitors are generally not satisfied with the food available at Waterfront Park.
Food



Similar to the events and amenities, there is a substantial amount of uncertainty surrounding the food available at Waterfront Park. This uncertainty as expected comes primarily from out of town visitors. Only considering locals' scores, we see an increase in low satisfaction scores for both the quality of the food (30%) and variety of food available (25%).

Recommendations

The 61% of park visitors who assigned a score of '3' or below on any of the satisfaction components previously discussed were asked to elaborate why they assigned a low score to a park component. As expected, many respondents articulated the need for a wider variety of food options and better quality of food available at Waterfront Park.

The table below illustrates a sample of comments provided by respondents, again, a full list can be found in the appendix.

	"Earlier you gave a low score for your satisfaction, can you elaborate on the reasons why you gave that low score?"
1	More food options
2	Better food options
3	Food trucks needed at park. On weekend days needed. Brings people to the park
4	Food variety and quality just hotdogs and icecream. Get food trucks to come down on the weekends
5	No healthy food
6	Bathroom dirty
7	Bathrooms are awful, but park is clean.
8	More events. Diversity of music, blues, soul music, buddy guy,
9	More lighting in areas with lots of foliage at night
10	Safety knew people beat up on bridge. Not good. New post not that helpful. Don't see roving patrols. Should be more for the money appropriations.see more bodies.
11	Safety. Time depends
12	Safety - downtown can't come too late
13	Shootings
14	Things to do- not a lot Number of events- doesn't know of many
15	Types of events- for younger people. Prefers events for older people

Reviews

Park visitors were asked, "What else, if anything should Waterfront Park do to help attract people like you to come to the park?" This question received a 75% response rate.

The table below contains comments representative of the most frequently mentioned themes, excluding previously cited themes in the "recommendation" section. A full list of the responses can be found in the appendix.

"What else, if anything should Waterfront Park do to help attract people like you to come to the park?"	
1	More advertising
2	More parking
3	More concerts
4	More family events
5	Keep free parking

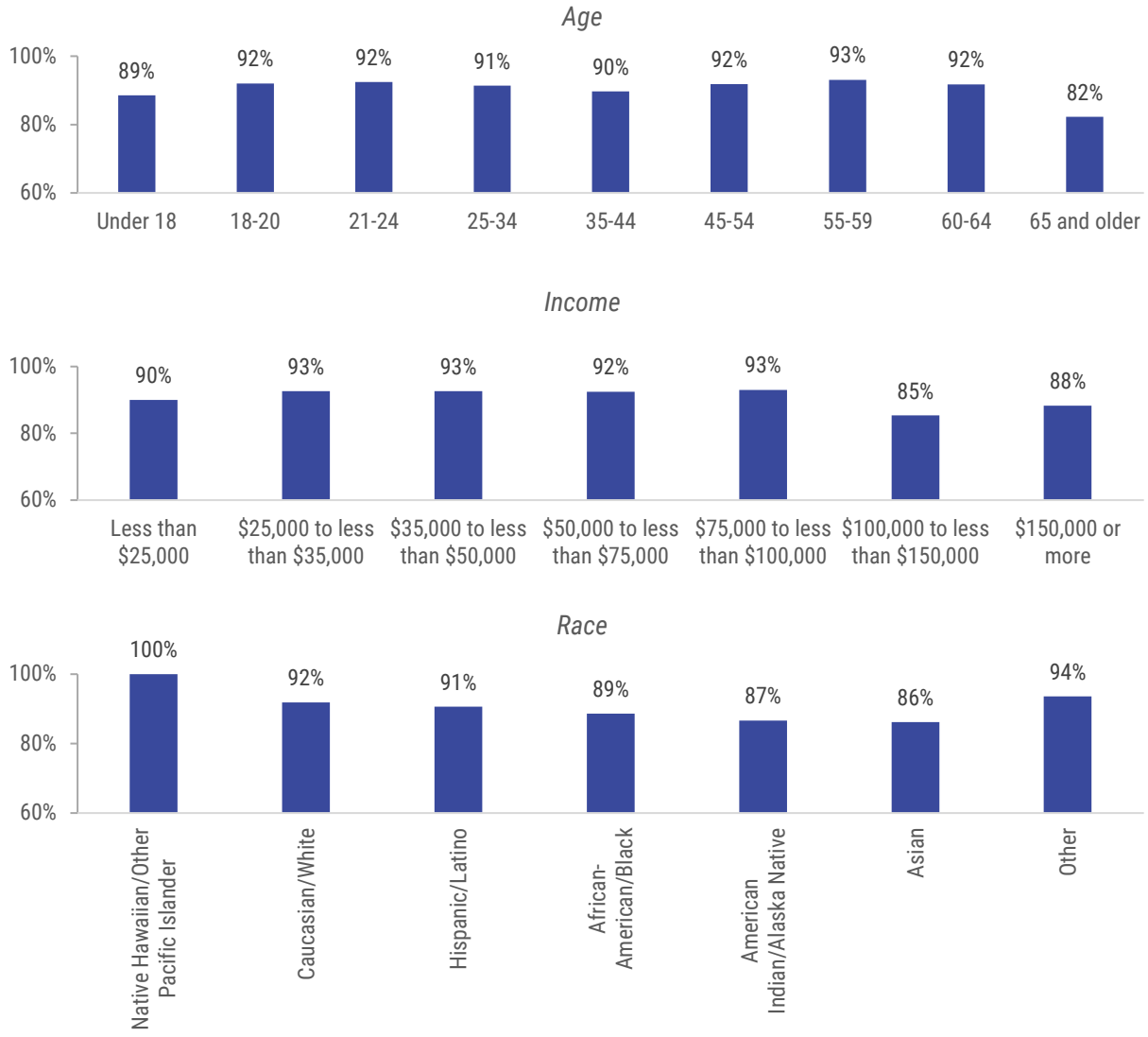
Online survey respondents were asked, "What words would you use to describe Waterfront Park?" Park visitors describe Waterfront Park as, "fun, beautiful and clean."

People frequently associate Waterfront Park with the words "fun, beautiful and clean."

Inclusion

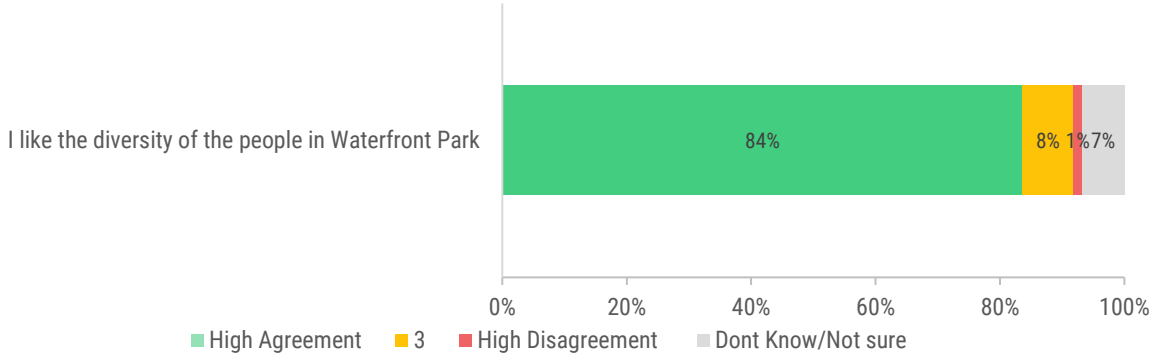
Park visitors of all ages, income levels, and races/ethnicities feel a sense of belonging; 91% of park visitors indicated high agreement (scored 4 or 5) with the following statement, "People like me visit Waterfront Park."

Park visitors of all ages, income levels, and ethnicities feel a sense of belonging.



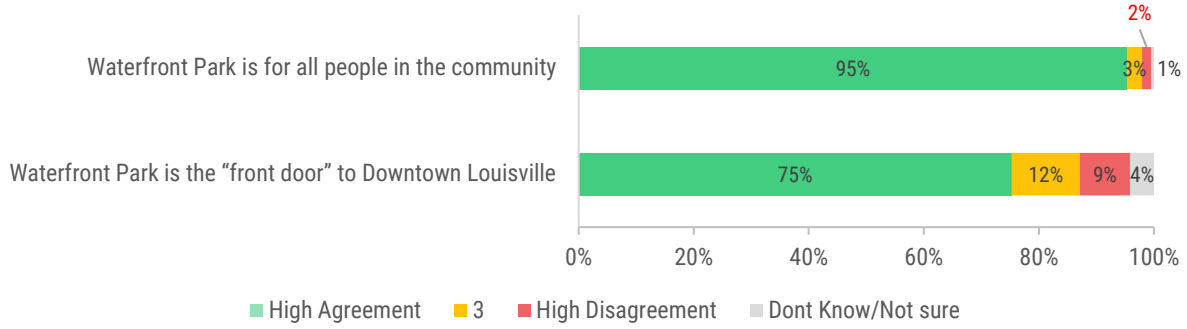
Online survey respondents were asked to rate their level of agreement with, "I like the diversity of the people in Waterfront Park," and 84% of these individuals specified a high agreement score (score of 4 or 5). In contrast, only 1% of online respondents indicated a high disagreement score.

Park visitors like the diversity of Waterfront Park.
Satisfaction with diversity of park visitors



Locals: Locals were asked about their perception of inclusion at Waterfront Park. We found 75% of online survey respondents agree that Waterfront Park is the "front door" to Downtown Louisville and a place for all people in the community. When comparing the components, we see that 20% more respondents agreed that Waterfront Park is for all people in the community. Exclusively when evaluating the high disagreement scores, we see people are five times more likely to demonstrate high disagreement with Waterfront Park is the front door to Downtown Louisville than they are to say the same of, "Waterfront Park is for all people in the community" component.

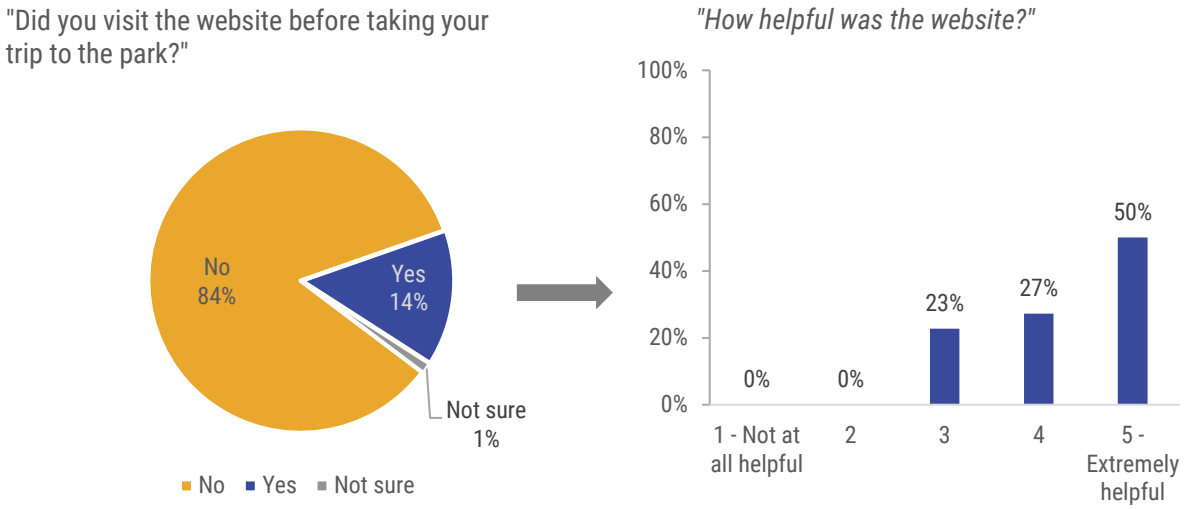
The majority of local park visitors agree that Waterfront park is a place of inclusiveness and view it as the front door to Downtown Louisville.
Locals' perception of inclusion of Waterfront Park



Marketing

Website and social media: Online survey respondents were asked about their utilization and opinion of the Waterfront Park website. Only a small portion of park visitors reported to have visited the Waterfront Park website (14%). Of the minority of park visitors that did so, 77% found the website to be helpful. Furthermore, there was not a single individual who assigned a score of '1 – Not at all helpful' or '2'.

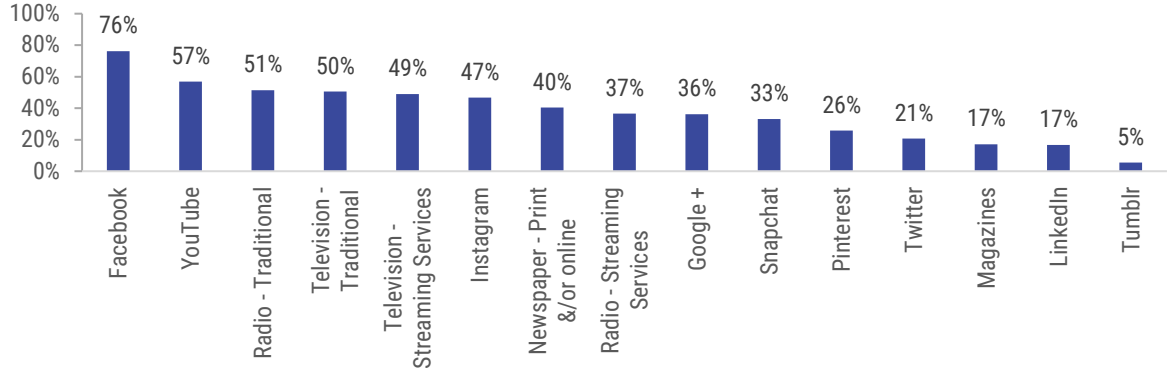
The minority of park visitors that visited the Waterfront Park website find it helpful.



Waterfront Park visitors interact with various media platforms. The most utilized media platform is Facebook (76%) while the least interacted media platform is Tumblr (5%).

Waterfront Park visitors interact with several different media platforms, with a large predominance using Facebook.

Social media usage



Interests: Waterfront Park visitors possess diverse interests. Online survey respondents were asked to specify areas/topics of interest; as illustrated by the table below, there are a wide variety of interests. Among the top scoring interests are outdoor activities, arts and culture, travel and health & fitness.

"Which of the following topics and activities are of interest to you? (Please check all that apply)."

Outdoor Activities	78%	School & Education	48%
Arts and Culture	77%	Fashion & Style	38%
Travel	73%	Religious & Spiritual	36%
Health & Fitness	73%	Identity & Relationship	36%
Neighborhood & City	63%	Parenting	35%
Sports	53%	Gaming	31%
Animals & Pets	52%	News & Politics	29%
Home & Garden	52%	Cars & Motorcycles	23%
Science & Technology	49%	Business	21%

Appendix A – Supplement data

IQS Research also conducted research on the number of park visitors who cross the Big Four Bridge and those who attend an event. Our estimate is that there are presently between approximately one and a half million (i.e. 1,546,874) visits and approximately three million (i.e. 3,048,943) visits to Waterfront Park in a given 12-month period.

Our lower estimate is based upon a combination of data provided by WDC describing the total number of entrances onto the Big Four Bridge from October 2016 through September 2017 along with data gathered by IQS Research between May 2017 and October 2017 which describe approximately what percentage of park attendees cross the Big Four Bridge. Our higher estimate is based on a similar combination of data provided by WDC which approximately describe the total attendance counts for park events between January 2017 and December 2017 along with data gathered by IQS Research between May 2017 and October 2017 which describe approximately what percentage of park attendees in a given day visit the park in order to attend an event.

Both estimates are obtained using the following reasoning.

Let N be the number of persons who visit Waterfront Park in a given day.

Let pB be the probability that a person walks the Big Four Bridge during their visit to the park.

Let pE be the probability that a person attends an event during their visit to the park.

Let nB be the number of persons who walk the Big Four Bridge in a given day.

Let nE be the number of persons who attend an event during a given day.

Then nB = pB * N, nE = pE * N, and N = nB/pB = nE/pE, and we can estimate N in a given period by estimating nB and pB for that period or instead estimating nE and pE for that period.

The data provided by WDC give us an estimate of nB and nE, while the data provided by the Visitor Profile Study give us an estimate of pB and nE.

The available data yield the following estimates:

- nB = 585,631

(using data from October 2016 – September 2017)

- PB = 0.3785901

(using data from May-October 2017, extrapolating to cover October-September 2017)

- nE = 1,102,555

(using data from January-December 2017, including projections for Q4 2017)

- PE = 0.3616188

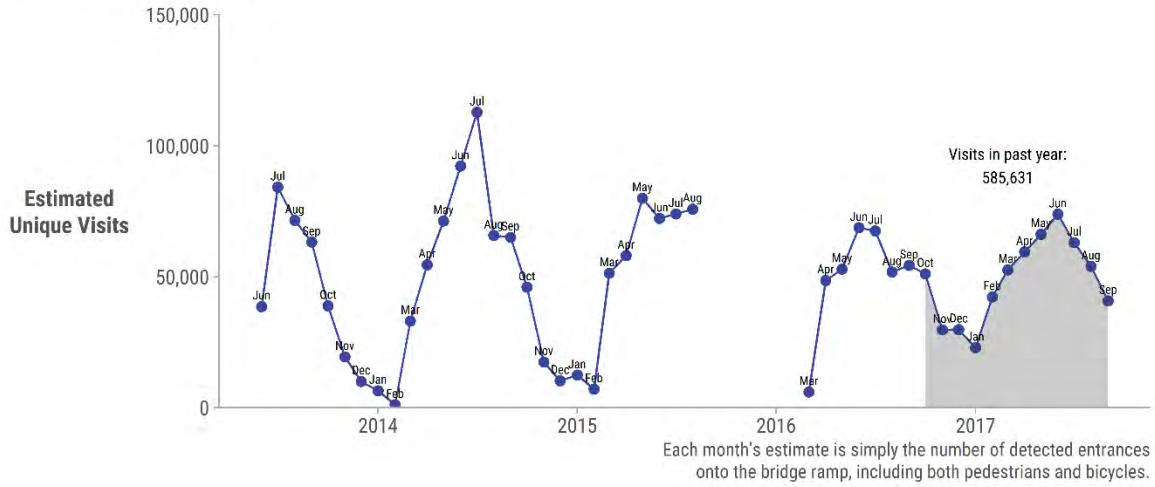
(using data from May-October 2017, extrapolating to cover January-December 2017)

Data provided by Waterfront Development Corporation

Data usage of the Big Four Bridge

Estimated Unique Visits to the Big Four Bridge

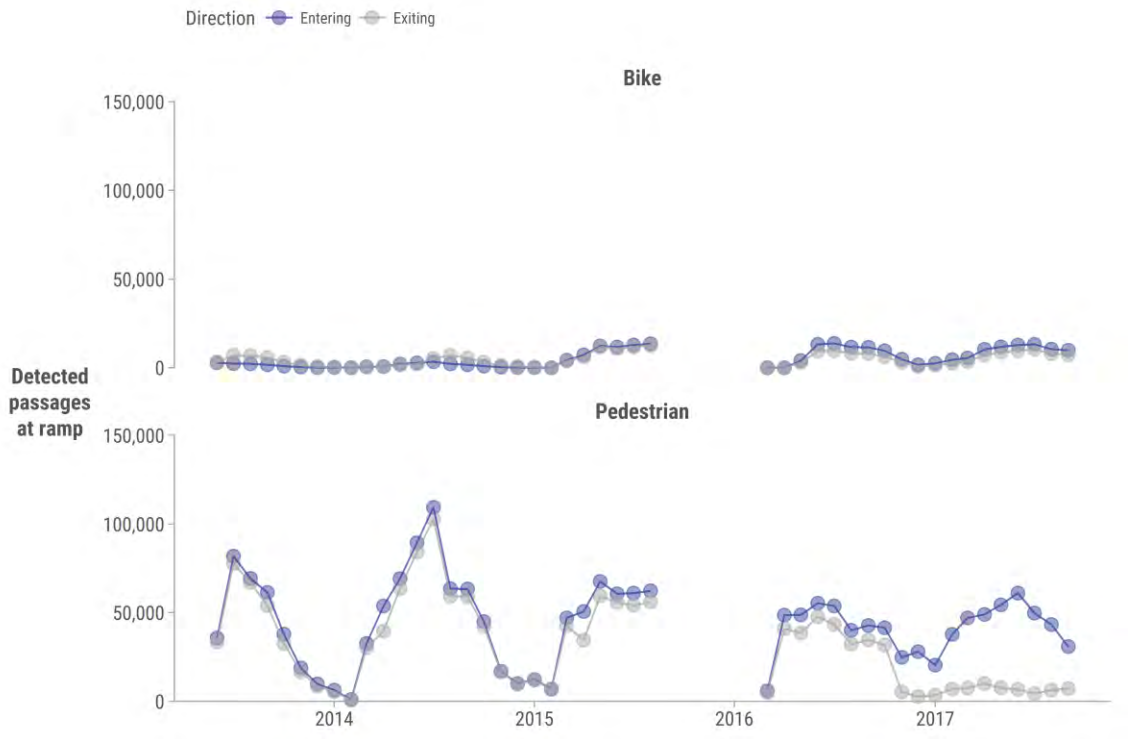
June 2013 through September 2017



Each month's estimate is simply the number of detected entrances onto the bridge ramp, including both pedestrians and bicycles.

Prior to November 2017, detected entrances were strongly correlated with detected exits

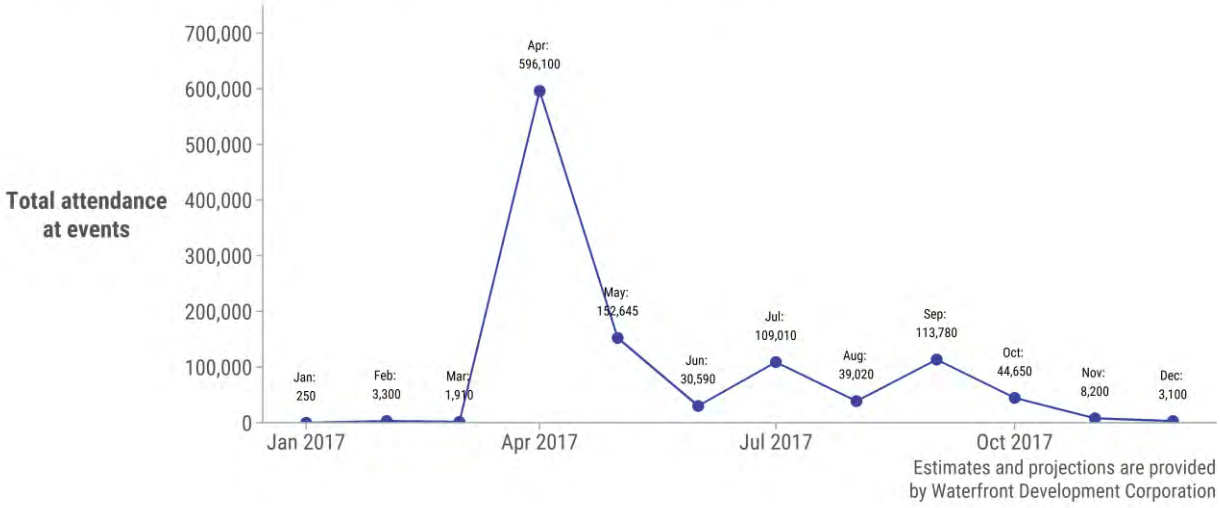
Detected entrances onto or exits off of the bridge ramp



Data on Event Attendance

Total event attendance for 2017 is estimated by WDC to be 1,102,555

January 2017 through December 2017, including projections for October through December



Appendix B – Recommendations

What additional food options would you like to see offered in the park?

	Response	Count
1	Food trucks	3
2	Cheaper	2
3	Coffee shop	2
4	food trucks	2
5	Healthy	2
6	Healthy options	2
7	More food trucks	2
8	Not sure	2
9	Popsicles	1
10	A café for sit down meals and a to-go little store with snacks would be nice.	1
11	A decent restaurant. Sit down like Captains Quarters on the Waterfront with a beautiful view.	1
12	A juice bar would be cool!	1
13	A sit-down type of restaurant - pizza/ice cream parlor	1
14	A taco truck!	1
15	A variety of food options, a small convenience store for buying items to grill, baby supplies, first aid, snacks.	1
16	Additional food truck options.	1
17	Alot. There was hardly anything there...	1
18	An icecream shop	1
19	Another restaurant to replace Doc Cantina	1
20	Any additional options would be great. It was basically hot dogs and chips. Some healthy alternatives would be nice.	1
21	Any kind really	1
22	Any sort of food options	1

23	Anything! Healthy options. Nothing offered anymore since Doc's Cantina is gone and Joe's Crab Shack is leaving. There is a Subway & hot dog stand, but I think that's it.	1
24	Are there food options in the park not associated with a festival? Are you talking about Joe's Crab Shack??	1
25	At the Hot Dog wagon. Absolutely love that place	1
26	Beverages, kid friendly food	1
27	Biergarten with local brews!	1
28	Burgers, ice cream, healthy choices	1
29	Cheaper restaurants	1
30	Cocktails, burger, & fries	1
31	Coffee bar	1
32	Coffee Cafe with local pastries and bagels and such.	1
33	COFFEE SHOP!! Seriously, my boyfriend and I love the coffee scene in Louisville and Waterfront Park definitely needs one!	1
34	Cotton Candy	1
35	Couple more restaurants.	1
36	Dairy free, vegetarian, vegan options	1
37	Didn't see any food options	1
38	Doc Cantina's must be replaced, asap. It's an eyesore and its an embarrassment to the city that it is still vacant. I don't care what type of food it is but it needs to be fixed.	1
39	Either a Food Truck 'Park' or have some restaurants. It's a shame that I have to walk over to Indiana to eat. There are no options on our side of the river, except hot dogs, within walking distance of the park.	1
40	Ethnic and local businesses	1
41	Ethnic foods	1
42	Fair food!! Food truck Fridays!!	1
43	Farmers market or a grocery, bodega, and or cantina	1
44	Fast casual restaurants. Tiki bar. More food trucks	1

45	Fast food, sit down restaurant	1
46	Food truck vendors	1
47	food trucks and restaurants	1
48	Food trucks for events	1
49	Food trucks scheduled for events	1
50	Food trucks there a few times a week or at least on weekends.	1
51	Food Trucks would be a great addition	1
52	Food trucks, hand scoop ice cream and coffee shop like we experienced on the IN side near Falls of the Ohio	1
53	Food trucks, or permanent low cost foods.	1
54	Food trucks, other restaurants (preferably local)	1
55	Food Trucks. In Dallas, TX they have a park/lawn area that they have tables and shade trees that food trucks line up and park along a large sidewalk daily. People know that it will be there daily. It offers a wide variety of food. Its a big deal in Dallas and people come to the area to eat and relax outside.	1
56	Free water clean bathroom	1
57	Frequent food trucks.	1
58	Fresh juice like a juice bar. A cafe with kid friendly healthy choices	1
59	Funnel Cakes	1
60	Gluten-free health foods, and a farmer's market or grocery for residents nearby.	1
61	Healthier food options. Most seemed like carnival food.	1
62	Healthier options	1
63	Healthy food. Food trucks	1
64	Healthy stuff like salads/sandwiches. While I buy my kids hot dogs occasionally, I would love other choices when we're at the park (and when we don't want to pay for a meal at Joe's Crab Shack).	1
65	Healthy, affordably priced options. Vegetarian options.	1
66	Healthy, local, reasonably priced food	1
67	Higher quality food options	1
68	Hot dog stands, pizza, burgers, bbq	1

69	Hot dog stands, vending machines	1
70	Hotdogs	1
71	Hotdogs, hamburgers, pizzas, chicken, barbecue & ice cream stands	1
72	I'd love to see it be a bit more like Central Park in NYC with all sorts of food carts to choose from. It would be great if the Doc Cantina's building would re-open. I'd love to see more food trucks down there too.	1
73	I've never really seen food there outside of festivals so maybe a weekly food truck? Like every Tuesday have a different food truck or something	1
74	I am not sure.	1
75	I did not see any food vendors when I was there. I would have liked to purchase food. We parked down by the rental bicycles part.	1
76	i did not see any vendors!! maybe add another	1
77	I didn't notice any food vendors while i was there	1
78	I didn't see any on my trip.	1
79	I didnt know there was food at the park	1
80	I do not eat at the park unless it is an event like Waterfront Wednesday or Forecastle.	1
81	I like the food trucks	1
82	I like to bring my own. I think a lot of vendors would lead to trash and waste. Keep it the way it is.	1
83	I like what is there presently	1
84	I saw no food options at the park, so any would be an improvement	1
85	I would like more food truck options, such as a taco truck, barbeque, etc.	1
86	I would like to see more restaurants near the park. The only building I have seen as a restaurant or am familiar with near the park is the building on the river that used to be the Tumbleweed. The building has since been opened and closed multiple times as different restaurants. I have heard that the landlord charges so much for rent that the restaurants can't stay open because there's too much overhead. I don't like that this is the only restaurant near the park I'm familiar with.	1
87	I would like to see more then just one vendor at the park there is very limited options on food and drink	1

88	I would like to see restaurants across from the park.	1
89	I would love it if there were multiple food trucks. Louisville has so many great restaurants. Why not have great food trucks at the park?	1
90	ice cream	1
91	Ice cream Wraps	1
92	Ice cream!	1
93	Ice cream, deli/sandwiches, cafe/bakery, bistro Foods, beverages and snacks that suit well to people-watching or enjoying on the go. Outdoor seating a must.	1
94	Ice cream, re-open Mexican restaurant, beer garden would be nice!	1
95	Ice stand	1
96	Icee	1
97	If the food were of better quality, and more healthful, I would have an additional reason to visit. Louisville isn't a great city for salads yet, even though we have access to lots of farm fresh produce. Or, if the food were mediterranean in nature, etc.	1
98	If we can eat different countries food that will be good.	1
99	It appeared as though there was only one food vendor, Joe's Crab Shack. Considering the length of the park, it would be nice to have something at the other end, possibly a lower-cost food stand.	1
100	Just additional food options in general, nothing specific. Maybe food trucks when hosting events like the ironman	1
101	Just more the only food I saw was a hotdog stand and a fish restaurant	1
102	Like probably a KFC or a LIL CEASEARS PIZZA	1
103	Local cuisine	1
104	Local food trucks	1
105	Local Food trucks would be nice.	1
106	Local food trucks, local restaurants	1
107	Lots	1
108	Maybe American food, sit down like joes crab shack	1
109	Maybe drink vending	1

110	Maybe some more permanent food locations, like they have across the bridge in Indiana	1
111	Mediterranean food	1
112	Mexican food	1
113	Mexican, more food vendors at events	1
114	More ATM's. We didn't buy food because of the lines at the atm.	1
115	More casual restaurants within walking distance from the park	1
116	More food food trucks ice cream trucks on summer and spring not just for events for people there on a family outting	1
117	More food trucks on a regular basis. Not only for events. I feel they should be there around dinner time everyday and all day on weekends.	1
118	More food trucks. Shave ice, ice cream and a beer tub girl or two	1
119	More food vendors, more things to do other then events	1
120	More food venues are definitely needed at and near the park.	1
121	More healthy options	1
122	More local food trucks. The stands that were there felt limited and low quality.	1
123	More non-traditional fair food that would be more healthy eating.	1
124	More of a healthy selection. And maybe a shaved ice station if it is really hot.	1
125	More restaurants like TGI fridays, Texas Roadhouse or another Eagle would be nice.	1
126	More restaurants that stay in business	1
127	More restaurants with a view and reasonable prices	1
128	More restaurants.	1
129	More than hot dogs and a continually empty restaurant space.	1
130	more variety	1
131	More variety, more ethnic food	1
132	More water fountains	1
133	Nacho stand, (slushies, shakes & ice cream) and a funnel cake stand.	1

134	Nearby restaurants would be nice. We always walk over the bridge and spend our money in Indiana.	1
135	Need more food options.	1
136	New restaurants	1
137	No opinion	1
138	no opinion as we brought our own food	1
139	Non-chains	1
140	None	1
141	None. I LOVE Tim and Debbie! :)	1
142	Not carnival food. Theres children and families and healthy non-drinkers showing up. Cleaner foods. Not junk food.	1
143	Only one hotdog stand that was super hard to find? Bought a water cus they didn't have any legit drinks like lemonade. Just reselling Coke cans.... lol	1
144	Pizza!	1
145	Pizza.	1
146	Planting trees is great... but maintaining established trees is very important. All along the river, and river road there are invasive vines suffocating these trees. Trees take a long time to grow... thats why it's important to maintain these established!	1
147	Raw fruits and vegetables	1
148	Refreshments, hamburger, tacos	1
149	Reopen Doc's Cantina as something new. Maybe local food trucks on weekends?	1
150	Restaurant	1
151	Restaurants bordering the park	1
152	Small stands, such as coffee or small snacks. I did not see any food options other than what was at the festival I attended.	1
153	Snow cones would be brilliant, gyros	1
154	Snowballs	1
155	Soft pretzels	1
156	Somali, Mediterranean, and Mexican food	1

157	Something healthy! All i saw was icecream and popsicles.	1
158	Something other than hotdogs.	1
159	Something reasonably healthy - fresh fruits or vegetables would be nice.	1
160	Something sit-down. Healthier options and choices for vegetarians.	1
161	Sonic soft serve ice cream fruits	1
162	Soul Food, Fish Fry, BBq	1
163	Sushi bar	1
164	Taco truck	1
165	Tacos	1
166	Tacos, gyros,	1
167	The only food options, really, are in Jeffersonville. Truth be told, we were picnicking with our own food.	1
168	there are no food options at the park (unless you consider Joe's Crab Shack an option).	1
169	There is only one guy with cart food so anything would be nice. Preferably something affordable	1
170	there was no food vendors at the park this weekend	1
171	There was plenty of variety	1
172	There wasn't any food being sold that Saturday so maybe a more consistent schedule of when food is served.	1
173	Turkey legs	1
174	variety of food, food trucks	1
175	Vegan and Vegetarian options	1
176	Vegetarian and vegan!	1
177	Vegetarian options	1
178	Vendors selling b.b.q, wings, burgers. I've only seen hotdogs and ice cream on top of the walking bridge	1
179	Walking tacos, Fruit cups, Polish sausages, Grilled foods	1
180	Water, drinks, sandwitches, snacks	1

181	Waterfront dinning	1
182	We didn't see any food options other than Joe's Crabshack. We went there twice. Great location, average food. It would be great to have food trucks there.	1
183	Well...there are no food options...local food trucks would be cool...even when there isn't an event planned.	1
184	yes ice cream	1

What additional rental options would you like to see offered in the park?

	Response	Count
1	None	8
2	Kayaks	8
3	Not sure	3
4	Boats	5
5	Jet skies	3
6	A bridle path for riding horses would be amazing.	1
7	a few more that can go across the bridge. would have like to been able to bike it but you were out	1
8	A water taxi would be really cool.	1
9	an affordable kite rental	1
10	Anything creative!	1
11	Bike racks.	1
12	Bike service stations like the ones at beckley park	1
13	bikes, scooters, mopads	1
14	Canoes or kayaks	1
15	Canoes, paddle boards	1
16	cornhole, frisbee or other recreation items to take out on the lawn and play.	1
17	Didn't see the rental place but if no wheelchairs available, that would be an option.	1
18	Don't know	1
19	Golf cart	1
20	Golf carts	1
21	Have rented bikes before - totallly enjoy them	1
22	Hoverboards .	1
23	I'm not sure	1
24	I did not rent any bikes on this trip but in the future I definitely will especially when I have company in from out of town.	1

25	I have in the past. But it's expensive for a family of four	1
26	I like the idea of bikes/scooters being available for rent at the park.	1
27	I think there is enough.	1
28	I would certainly rent kayaks, or tandem bicycles if the prices were reasonable.	1
29	I would like to see more water oriented rentals like canoes, rafts, ect.	1
30	I would like to see the rental bikes in the park that can be returned in downtown at the stations. That way you can ride from the hotels and around the park.	1
31	just not into bike riding	1
32	Kayak or canoe rentals - down by the boat docks near the old Tumbleweed. People could paddle that area where the water is a little more calm. Or, water taxi's that could take you across the river, as another option to walking.	1
33	Kayak rentals, paddle board rentals, canoe rentals, free community bikes	1
34	Kayaks Paddle boards Paddle boats	1
35	Kayaks and paddle boats	1
36	Kayaks and/or canoes	1
37	Kayaks, paddle boards	1
38	Kayaks...canoes...paddle boards	1
39	Kites binoculars kayaks	1
40	Kyaks and Accessories	1
41	Lawn chairs	1
42	maybe umbrellas	1
43	Mo-pad rentals would be nice along with children bike rentals	1
44	Mopeds and cameras	1
45	more variety on food types	1
46	new bikes see in louisville on racks, no vendor needed	1
47	No additional ideas	1
48	None I can think of.	1
49	none. i'd never rent anything. i would much rather get exercise by walking/running/or riding my own bike.	1

50	None. I like that that is an option. Those options are great or family and people wanting to ride the whole park.	1
51	Paddle boats & jet ski's	1
52	Paddle boats and canoes	1
53	Paddle Boats and jet ski's	1
54	Paddle boats, kayaks, canoes	1
55	Paddle boats.	1
56	Peddle boat	1
57	Plenty of options already	1
58	putt putt golf	1
59	Rental skates	1
60	Rented bike in past	1
61	Roller Blades	1
62	Scooter rentals Go cart rentals	1
63	Segway, boats and jet skis	1
64	Segway, hover board, or any other personal motorized riding vehicle that you can rent and not just for guided tours	1
65	Skating	1
66	Small boat rentals. Face painting and kids activities. Also adult entertainment at night	1
67	Something for bigger families that can be taken on the bridge.	1
68	Surries	1
69	Tandem bikes	1
70	The bikes are a great idea, but it seemed as though they could only be rented and returned at one end of the park. It might be nice to have another station for rentals and returns at the other end.	1
71	The pricing seems a little high to rent pedal vehicles. More of my handicapped friends would come if they could get a discount on rentals.	1
72	The water is too dirty or more water stuff	1
73	Water sports (kayaks etc.)	1

74	Wave runners. Mini sail boat, paddle boat, Vespa	1
75	We bike there A LOT. We have our own bicycles. We walk there a lot also.	1
76	What is there is more than adequate and used by many visitors	1

What else, if anything, should Waterfront Park do to help attract people like you come to the park?

	Response	Count
1	Don't know	37
2	More events	29
3	Nothing else	27
4	Nothing	19
5	More food	12
6	Have more events	9
7	More food options	8
8	Advertise more	7
9	Better parking	6
10	More parking	6
11	Doesn't know	5
12	More concerts	5
13	More music	5
14	Safety	5
15	Advertise	4
16	I don't know	4
17	More advertising	4
18	More family events	4
19	More festivals	4
20	More restaurants	4
21	Not sure	4
22	Better food options	3
23	Food	3
24	Food trucks	3
25	Keep the parking free	3

26	More events like this	3
27	More food vendors	3
28	More security	3
29	More shade	3
30	More swings	3
31	Parking	3
32	Add food	2
33	Advertising	2
34	Advertising events	2
35	Basketball court	2
36	Better food	2
37	Concerts	2
38	Do t know	2
39	Don't charge for parking	2
40	Don't charge for parking.	2
41	Events	2
42	Family events	2
43	Festivals	2
44	Food variety	2
45	Free parking	4
46	Have more food options	2
47	Host events	2
48	Host more events	2
49	Live music	2
50	More advertisement	2
51	More diverse events	2
52	More events for kids.	2
53	More events like this.	2

54	More free parking	2
55	More kid events	2
56	More kid friendly	2
57	More kid friendly events	2
58	More music events	2
59	More pet friendly	2
60	More seating	2
61	More variety of events	2
62	More variety of food	2
63	More vendors	2
64	Music	2
65	Music events	2
66	'The entertainment is being outside'	1
67	A baby sitter or ppl to watch kids	1
68	A beach.	1
69	A canopy or event space that's inside the park for rent. More grills to bbq, cleaner bathrooms, places to charge your phone	1
70	A car show. Advertise events better	1
71	A commercial on tv.	1
72	A greater variety of events	1
73	A state line marker on the bridge	1
74	A statue that's easier to find. Go out to to river on a paddle boat. Fishing area.	1
75	About nature for her	1
76	Add a basketball court	1
77	Add another restaurant	1
78	Add another water area	1
79	Add more food	1
80	Add more parking and free	1

81	Add more play equipment	1
82	Add more shaded areas	1
83	Add more things to do, maybe. More places to eat.	1
84	Add more water activities for the kids. Keep water on longer	1
85	Add music	1
86	Adult entertainment. Music	1
87	Adult Exercise Equipment	1
88	Advertise Didn't know where exactly at the park he event was	1
89	Advertise and let people know what all is available,	1
90	Advertise and the directions online are wrong	1
91	Advertise better	1
92	Advertise better. Getting here from out of town was hard	1
93	advertise events	1
94	Advertise events	1
95	Advertise events more	1
96	Advertise events on FB and get more word out.	1
97	Advertise it. Website	1
98	Advertise more events and how to get here	1
99	Advertise more just happened to see the bridge and look it up	1
100	Advertise more of the events	1
101	Advertise on tv or the paper	1
102	Advertise the park events more	1
103	Advertise to tourist	1
104	Advertise to travelers and tourist	1
105	Advertisement, on radio more	1
106	Advertising in different areas (urban)	1
107	Advertising more. Keep parking free	1
108	Advertising.	1

109	Advertising. Concert country	1
110	All cultures of music, more grills,	1
111	All day food stand.	1
112	Allow more food trucks on regular basis	1
113	Already does a good job, but a lot of people who are new to Louisville don't know about park Increase awareness.	1
114	Announce Louisville astronomical society meetings. Provide an observatory astronomical public place on the river. Kayak place to rent. Open the restaurant.	1
115	Anything family friendly and more food options	1
116	Anytime of fitness event. Art. Music festival.	1
117	App or newsletter	1
118	Appreciate the free parking and accessible.	1
119	Archery things for older ppl. Do	1
120	As long as there's things for the kids to do	1
121	As many as events as possible	1
122	Assure people that it's safe since shooting , noticed a big drop in crowds after that incident. Not enough police presence, except Jeffersonille side	1
123	Availability -	1
124	Baby swings	1
125	Bad media. Better commercial or positive image. security. More events for kids	1
126	Ball fields for kids	1
127	Bar b que	1
128	Basketball	1
129	Basketball add. Horseback riding add. Add dinosaur museum an aquarium	1
130	Basketball court likes that it's a common ground park	1
131	Bathing suit dryers	1
132	Bathroom needs more cleanliness, MORE FOOD trucks, signs on if u can feed the ducks.	1
133	Bathrooms cleaner. Light the walking bridge more, no bike signs.	1

134	Bathrooms not clean. Because of kids dirty. More park benches.	1
135	Beer and restrooms	1
136	Better advertisement of the park and add things for people to relax and had fun like games. For adults having things like swimming pools	1
137	Better advertising and more variety of entertainment	1
138	Better artist. Music variety	1
139	Better bathrooms	1
140	Better bathrooms.	1
141	Better food at park	1
142	Better lighting and more events	1
143	Better lighting. Free wifi	1
144	Better music. More adult things	1
145	Better parking Misters	1
146	Better promotion, take pictures of the park show the activities events calendar on FB	1
147	Better restaurants. And restrooms	1
148	Better safety	1
149	Better safety and supervision	1
150	Better upkeep on restrooms	1
151	Better venues	1
152	Big stage so I can he sing.	1
153	Bigger concert venue	1
154	Bigger playground	1
155	Bike rides for different age groups and lebels	1
156	Biking. Safety on river road biking	1
157	Boost online prescience.	1
158	Bring food vendors gere	1
159	Bring in a new restaurant	1

160	Bring in permanent vendors and add bike racks. Bring in a soccer field. That will hopefully bring in more bars.	1
161	Build a fountain	1
162	Cafe on the water and vendors markets	1
163	Can't think of anything	1
164	Canoe rental.	1
165	Car shows	1
166	Car shows needed. Restaurant availability	1
167	Change parking fee	1
168	Cheaper options for food with kids	1
169	Clean bathrooms. Cut grass.	1
170	Clean it up	1
171	Clean the river, don't charge for parking , make it a 24/7 park	1
172	Clean up more. Trash clean	1
173	Cleaner bathroom and parking	1
174	Clear the invasive ivy and growth off established trees by river... save as many trees as possible.	1
175	Coffee cart	1
176	Coffee shop, more food options	1
177	Cold water. Blue Angels.	1
178	Comfy cow ice cream	1
179	Commercials, flyers, more food options	1
180	Commercials, more advertisements	1
181	Concerts a small kid things	1
182	Concerts and festivals	1
183	Concerts more often	1
184	Concessions both summer and winter. Parking fees wouldn't be a good idea	1
185	Connect the entire park by trails	1
186	Continue doing what they are doing	1

187	Continue expanding g. Exhibits	1
188	Continue the upkeep and safety. More security at night.	1
189	Continue to bring same type of events/activities they have, and come up with different way to communicate the events happening. Event promotion	1
190	Continue to offer family friendly things and price affordable	1
191	Continue with music festival I also	1
192	Country concerts	1
193	Craft kids activities for free	1
194	Create more events. Singing, Disney, stuff to attract people and their parents	1
195	Create more native plant labels, guided plant walk	1
196	Cultural events	1
197	Cut down some of the veggitatioj so you can see the river.	1
198	Cut shrubs so we can see the boats	1
199	Date night events	1
200	Development if shops and restaurants , eatery	1
201	Different lecturers about diversity. Communicate between ages. More rhythms and blues	1
202	Different styles of food, different activities for kids	1
203	Dirty bathrooms	1
204	Diverse music especially music, movies in the park, Zumba in the park, activities in the park. Community health. Bar around the water.	1
205	Do a quick walk around for homeless people	1
206	Do good job	1
207	Do more things for families. Have more things for kids to do. Being not expensive	1
208	Do something for college age students. Discounts to events Beach volleyball	1
209	Doesn't know. Music draws hi, to the park. Likes family events as well.	1
210	Doesn't think you can do that	1
211	Dog area	1
212	Dog park	1

213	Dog park, more food options	1
214	Dogs at waterfront Wednesday	1
215	Doing a good job. Important for employees to have available and wAlk down here. More safety	1
216	Don't charge for parking. Better cheaper restaurant partnership for success.	1
217	Don't charge parking.	1
218	Don't charge to park	1
219	Don't charge to park. Motorized vehicles to transport elderly to top of the bridge even if on certain days. Senior	1
220	Don't close off parking while setting up for events.	1
221	Don't jno	1
222	Don't jnow	1
223	Don't make people pay for parking and oil the swings	1
224	Drinking water fountains	1
225	During the summer to start splash pad water earlier in the day	1
226	Easier website to browse for events	1
227	Educational events	1
228	Eliminate guns	1
229	Ensure safety	1
230	Entertainment	1
231	Entertainment and food	1
232	Events are important	1
233	Events at night	1
234	Events help. More police presence.	1
235	Events that cater to out of towners	1
236	Events.	1
237	Everything thing they're already doing	1
238	Excessive events	1
239	Expand the park	1

240	Expand the park, connect to nearby park	1
241	Expand water park.	1
242	Extend it	1
243	Family areas, playground, the bridge etc	1
244	Family events for grandchildren	1
245	Feels like there's more events on jeffersonville side	1
246	Ferris wheel	1
247	Festivals, art craft markets	1
248	Festivals, different events, food options, more bike rentals, events at night like movie on the green	1
249	Few parking!	1
250	Fewer kids	1
251	Finish the loop	1
252	Fishing	1
253	Flowers. Clean up the dead animals and fish faster. Colorful things.	1
254	Flu tag event. More steam boat races. More events of the big four bridge.	1
255	Food- only cookout so N/A	1
256	Food and music are needed	1
257	Food like a restaurant and more family themed events	1
258	Food options and more water front subs	1
259	Food restaurants	1
260	Food stands, like on street. More water fountains.	1
261	Food truck	1
262	Food truck events. Foodie	1
263	Food trucks and drinking	1
264	Food trucks booze and music	1
265	Food trucks on regular basis	1
266	Food vendors, food truck	1

267	Food, ice cream	1
268	Food.	1
269	Food. Free food	1
270	Food. Swings squeak two much!	1
271	For seniors pick up bus	1
272	Free events	1
273	Free events , dance in the park, free parking	1
274	Free events.	1
275	Free food	1
276	Free parking Cheaper food	1
277	Free parking and events	1
278	Free parking more parking	1
279	Free parking!	1
280	Free water	1
281	Frisbee golf	1
282	Fun oriented individualalism	1
283	Game area like frisbee golf for kids	1
284	Games for kids	1
285	Games or horse shoe pits	1
286	Garden	1
287	Gardens and more food more signs leasing toward other areas of park	1
288	Gas money	1
289	Get better safety	1
290	Get it our more. Social media. Facebook page	1
291	Get it out there what the events are. Facebook advertising. Don't know about events	1
292	Get more food options and more events like music and beer events	1
293	Get more food vendors	1

294	Get more parking. Prevents people from going to special events because you don't want to deal with parking. Need better lighting in more populated areas especially in the Katy.	1
295	Get more vocal. A lot people don't know. Get on social media, get into the 21st century. Promotors. Head liners.	1
296	Get personal trainers	1
297	Get restaurants	1
298	Get the event shout more. Advertise.	1
299	Get the restaurant open...free parking	1
300	Get the smell out of the river,	1
301	Give out more information, advertise mores	1
302	Great food and music	1
303	Great for kids. Things for kids	1
304	Great job	1
305	Green space. Family activities.	1
306	Hammocks	1
307	Hard time finding how to get here	1
308	Hard to stay	1
309	Has never heard of e place, advertising would help, just happened to drive by.	1
310	Have a cafe	1
311	Have a golf course	1
312	Have a skatepark or bar. Have another restaurant, something for older people	1
313	Have a walking or running club and inform people in hotels so they can know of safe places to run	1
314	Have a waterside	1
315	Have concession stands. Drinks.	1
316	Have events Clean bathrooms	1
317	Have flowers	1
318	Have food	1

319	Have food stands	1
320	Have friendly people	1
321	Have inflatables	1
322	Have more activities for families	1
323	Have more activities for kids. Keep it free don't charge for parking. People will come and spend money if parking not charges and good food	1
324	Have more bikes. Free bikes	1
325	Have more black activities	1
326	Have more concerts festivals events and food trucks	1
327	Have more events and food. Potential to spend a whole day with more to do	1
328	Have more events for young adults	1
329	Have more events that are free things	1
330	Have more events, food trucks, ice cream trucks, whatever is geared towards the seasons	1
331	Have more family engagement events. More events in the park for families and not just adults.	1
332	Have more family events	1
333	Have more for babies to do	1
334	Have more free events	1
335	Have more games for people to participate in	1
336	Have more kid friendly events	1
337	Have more late night events.	1
338	Have more music	1
339	Have more places to get a drink or eat especially for hotdogs. If hotdog man is not there you're out of luck besides water fountains. Need more vendors like on Main Street. If you go to the kids section, nothing there besides a play ground.	1
340	Have more police	1
341	Have more r&b concerts	1
342	Have more things g for the kids	1

343	Have more things to do.	1
344	Have more variety events and permanent attractions	1
345	Have more water attractions for kids. Dress code for kids in water area. No diapers or underwear	1
346	Have some food options	1
347	Have variety of events family inclusive different genres of music	1
348	Have wifi	1
349	Having events. It's. A big attraction	1
350	Having it completed	1
351	Having liquor	1
352	Having the siuri rental open for fall weekends.	1
353	Healthy food options	1
354	Heated areas for when it is colder	1
355	Heated sections for when it's cold	1
356	Hold more artsy things. Look at art. Something that's not just music. Keep some open areas even when there are events for general public.	1
357	Hold more events, variety of events. Skateboard events, concerts, movie in the park	1
358	Hold more free events	1
359	Holding more events. Add restaurants that will stay. More marketing.	1
360	I think they should have outlets. We come, the kids play, we need to juice up our electronic apps and then I could watch a movie or something. The other thing is a restaurant. They need a Sonic or Rally's or something friendly to kids where parents don't have to go inside. They can have a restaurant if they war it two fold. Could have the bikes for rent like downtown. Also time to upgrade the playgrounds.	1
361	Ice cream shop	1
362	Idk	1
363	Idk, more equestrian events	1
364	If there's a public event bathrooms should be open	1
365	Improve upkeep landscape. A restaurant would be nice.	1

366	Increase more activity. More signs. Guide on what to do. Brochures	1
367	Increase perception of safety	1
368	Increase safety more bands and music	1
369	Increase variety of food available	1
370	Increased security	1
371	Insuring safety.	1
372	Invest more in entertainment	1
373	It's good the way it is	1
374	Jet ski would be a plus. Add a zip line	1
375	Juice bar.	1
376	Jungle Jim and water fountains add add a zip line add soccer field	1
377	Just have things to get m e out of the house	1
378	Just keep activities for the children.	1
379	Just keep it up as far as things to do for kids and acults	1
380	Just wants to see the river	1
381	Kayak rental	1
382	Kayak rentals	1
383	Keep doing what you're doing	1
384	Keep free parking	1
385	Keep having events	1
386	Keep having events as long as they are reasonably priced	1
387	Keep hotdogs and clean bathrooms	1
388	Keep it clean	1
389	Keep it clean and safe	1
390	Keep it clean don't charge for parking...keep security going well.	1
391	Keep it cleaner, curfew for teenagers, restaurants.	1
392	Keep it family friendly	1
393	Keep it up	1

394	Keep parking free	1
395	Keep parking free,	1
396	Keep parking free. I won't come if you do. Keep bathrooms unlocked longer. Keep one opened year round.	1
397	Keep restrooms open longer	1
398	Keep safety up. Would draw more people.	1
399	Keep security up	1
400	Keep the bathrooms clean	1
401	Keep the park safe. Most important The fountain, the officials Indiana were smarter because their fountain is only an inch deep. The one here is so deep people could drown. Drowning is a concern. Suggestion : lower the water or raise concrete so the water in only a couple inches deep.	1
402	Keep things for kids	1
403	Keep up and increase programming	1
404	Keep up with events	1
405	Kid's activities	1
406	Kid/baby friendly activities	1
407	Kids attractions. More activities on river boats	1
408	Large food festivals flea markets petting zoo horses	1
409	Lemonade stand. Non alcoholic drinks. Board walk type thing. Hammock area	1
410	Less construction. Paddle boats.	1
411	Less expensive like the bikes	1
412	Less festivals. Just comes here to rest and relax	1
413	Less homeless and grills	1
414	Less prejudice	1
415	Less trash from water especially water overlook areas.	1
416	Let people know what there is here.	1
417	Lighting downtown	1
418	Lightshowaithwater more food	1

419	Likes the astronomy club. Stretch out use of park at night. Night exhibits around bridge.	1
420	Likes the trails and concerts alternative rock	1
421	Look at it more like its a park and not just for events	1
422	Lots of overgrown areas, need more waterfountains	1
423	Lubricate round and round at playground	1
424	Maintain free parking.	1
425	Maintain status quo	1
426	Make it safer add more benches and provide better lighting. Add more crosswalks	1
427	Make known events with more events	1
428	Make more publicity for out of towners	1
429	Make safer	1
430	Make sure it's safe	1
431	Make sure the park is safety	1
432	Make this event much bigger p more advertisement. More social media.	1
433	Make tunnels	1
434	Maps Bike trails	1
435	Maybe more food options	1
436	Meal options and attractions.	1
437	Mile markers would be great. More signs along the area. Selfie photo spots	1
438	Mitigate underneath the bridge, lighting murals, something more attractive	1
439	Moe publicly for events radio tv..Pokemon festival here	1
440	Mommy and me classes. Stroller classes. Daytime activities with small child. Story time in the park.	1
441	Mommy groups	1
442	Moore food at events	1
443	Mor concert	1
444	More food options s	1
445	More accessible . Restaurant	1

446	More activities	1
447	More activities , more parking	1
448	More activities for blackbpeople	1
449	More activities for community	1
450	More activities for parents to do something while watching kids. Give more jobs to youth	1
451	More activities for young teens. Social media and radio commercials,	1
452	More adult activities	1
453	More adult and diverse events more advertising	1
454	More adult events	1
455	More adult only events.	1
456	More advertisement for concerts	1
457	More advertisement of events and activities announce weekly. FB calendar of events.	1
458	More advertisement online	1
459	More advertisement; fix the restaurant; 7/11 type store	1
460	More advertisements	1
461	More advertisements for events like this.	1
462	More advertisements for events. I never find out until I get here.	1
463	More advertising and clear directions on how to get here. Only able to get here on the GPs after searching the big four bridge	1
464	More advertising of events.	1
465	More advertising.	1
466	More art	1
467	More art activities.	1
468	More art, more weekend events	1
469	More bathrooms	1
470	More bathrooms, paddle boats,	1

471	More bathrooms, the water in the fountains is awful, and some more restaurants that are kid friendly.	1
472	More beer craft festivLs	1
473	More beer events	1
474	More beer festivals,	1
475	More beer tents	1
476	More benches and chairs	1
477	More benches in the shade	1
478	More benches under trees and more parking	1
479	More benches. Swings have narrow seat	1
480	More beverages	1
481	More black artist	1
482	More black concerts	1
483	More black music	1
484	More build up and that will come it's time	1
485	More child friendly event	1
486	More children	1
487	More children activities. Free things to do	1
488	More Christian events	1
489	More clean restrooms and more food vendors	1
490	More commercials...people don't know what's available	1
491	More community events	1
492	More concert venues and food options	1
493	More concerts free	1
494	More concerts rumpke ballad boys, mojo flo, Odessa, work out equipment	1
495	More daily events. Kid friendly stuff.	1
496	More diverse events and music. Movie nights. Phone charging station.	1
497	More diverse events different genre concert	1

498	More diverse music waterfront Wednesdays	1
499	More diversity doesn't have to be rappers black people like more than rappers. Get creative. Latinos need options as well	1
500	More dogs. Dog park. Communal events. More seating.	1
501	More dogs. Fishing	1
502	More downtown buildings for residents	1
503	More drink stations and ice cream	1
504	More eating establishments	1
505	More eating facilities	1
506	More entertainment, food trucks	1
507	More entertainment.	1
508	More event. Christian. dances. Kid oriented	1
509	More Events	1
510	More events and food	1
511	More events and more food	1
512	More events and things to do for the kids	1
513	More events and things to do.	1
514	More events cheaper drinks	1
515	More events during the weekends. Specially summer.	1
516	More events especially for kids	1
517	More events family stuff	1
518	More events for black people	1
519	More events for grown people	1
520	More events for kids affordable events. Bouncy houses. Face paint. Food.	1
521	More events for kids. Floating theatre.	1
522	More events for older adults	1
523	More events for people like me	1
524	More events for the urban community	1

525	More events for the urban community, more adult focused	1
526	More events in the fall	1
527	More events like biking	1
528	More events like concerts, art fairs, exercise events	1
529	More events like food festivals and more advertisement	1
530	More events like forecastle	1
531	More events like this for families	1
532	More events more food vendors. More music better bathroom.	1
533	More events tailored to different demographics	1
534	More events, a farmers market	1
535	More events, advertise events	1
536	More events, better food selection choice	1
537	More events, better marketing	1
538	More events, dog events, frisbee. Dog park	1
539	More events, get on the news outlets and advertise what to do. Parking needs to improve.	1
540	More events, more food vendors	1
541	More events, only know about the boat rides	1
542	More events.	1
543	More events. Activities	1
544	More events. Activities	1
544	More events. Food beer music Art.	1
545	More events. More food options. Hot cocoa.	1
546	More events. More music. Tumbleweed modern art museum.	1
547	More events. More things to do Canoes kayaks. More food.	1
548	More exposure on social media particularly instagram	1
549	More family centered events	1
550	More family events and adult only events	1

551	More family events and more parking	1
552	More family events. Better food options.	1
553	More family friendly events. Art events	1
554	More family friendly events. Everything is geared toward certain events.	1
555	More family oriented things for kids...	1
556	More festivals and events	1
557	More flowers and sculptures.	1
558	More food and drink	1
559	More food and drink events on the weekends. Food trucks	1
560	More food and drink.	1
561	More food and events. Free	1
562	More food and selection	1
563	More food available. Rent boats.	1
564	More food because I'll have to walk somewhere downtown eat	1
565	More food by the bridge	1
566	More food maybe bars to hang out by the water	1
567	More food more grills	1
568	More food more Hispanic people around	1
569	More food options , something needs to happen with the old tumbleweed building	1
570	More food options a pool	1
571	More food options and free events	1
572	More food options and more events	1
573	More food options and permanent activity space for sports. Fishing station	1
574	More food options even if it's just a food truck	1
575	More food options, farmers markets	1
576	More food options, if you're spending a lot of time here	1
577	More food options.	1
578	More food options. A smoothie stand would be nice	1

579	More food options. Carnivals or family movie night	1
580	More food options. Maybe a bar.	1
581	More food options. Music events	1
582	More food restaurant and bar	1
583	More food selection	1
584	More food service and events	1
585	More food stands	1
586	More food trucks	1
587	More food trucks on regular basis	1
588	More food trucks thought the day, doesn't like to leave for food	1
589	More food trucks would solve quality and variety problems	1
590	More food variety	1
591	More food variety.	1
592	More food variety. More parking.	1
593	More food vendors. More safety	1
594	More food, and more nightlife, cafe, boat rides, bungee jumping	1
595	More food, more events, more safety measures	1
596	More food, more shade	1
597	More food. Event variety	1
598	More food. More parking.	1
599	More food. More things like waterfront Wednesday. Every wednesday	1
600	More food. Music.	1
601	More foods.	1
602	More for adults, power outlets, more bathrooms, a vending machine, more grills	1
603	More free events	1
604	More free events.	1
605	More fun stuff	1
606	More good band. My morning jacket	1

607	More gospel events	1
608	More group sports like Crossfit, yoga or an outdoor free gym	1
609	More grown up events	1
610	More handicap parking. Restrooms open in winter	1
611	More Hispanic events. Parking more. More sanitizing bathrooms. Don't charge for parking.	1
612	More history bits of education	1
613	More horse events	1
614	More involved in social media. More vendors	1
615	More jazz on Sunday's	1
616	More kid activities for kids	1
617	More kid friendly events.	1
618	More kid stuff	1
619	More kid things	1
620	More kids activities	1
621	More kids activties	1
622	More kids stuff	1
623	More live music	1
624	More living residents near by	1
625	More local food trucks	1
626	More loud classical music, and more free events	1
627	More market style events	1
628	More marketing	1
629	More marketing on kid events	1
630	More media	1
631	More music acts	1
632	More music and polo and kid friendly events	1
633	More music event. Through week. Not at night. Kids thing	1

634	More music festival	1
635	More music festivals	1
636	More music on the bridge	1
637	More music, walks	1
638	More music. Activity	1
639	More nice flowers	1
640	More of a social media presence to attract millennils	1
641	More officer presence for safety.	1
642	More old school concerts	1
643	More organized family activities that are advertised. Put event website or Facebook page.	1
644	More outdoor concerts. For older folks. And free	1
645	More outside basketball activities	1
646	More park benches in the shade.	1
647	More parking or handicapped parking	1
648	More parking signage, can't tell from far away that you're approaching a park	1
649	More parking,	1
650	More parking.	1
651	More parking. More areas for kids to play. More water. Or closed things for the winter	1
652	More parking. More shady grass space	1
653	More permanent food places	1
654	More picnic tables and more food vendors.	1
655	More places to buy ice cream coffee. Chairs on the water.	1
656	More places to park	1
657	More playground equipment. Wifi	1
658	More police	1
659	More police at night	1

660	More police presence on the bridge. Police need to do more watching as opposed to eating.	1
661	More polo events	1
662	More Popsicle stands	1
663	More postings on social media	1
664	More promoting and ads	1
665	More promoting and more festivals	1
666	More promotion. See commercials about park announcements. Publicity.	1
667	More promotions in other counties	1
668	More public spaces with food	1
669	More publicity	1
670	More publicity, more vendors	1
671	More publicized	1
672	More races	1
673	More reach out to surrounding areas. Like newsletters.	1
674	More restaurants along river	1
675	More restaurants in the area, adjacent to the park	1
676	More restaurants on the water	1
677	More restaurants, free parking, more police patroling	1
678	More restaurants. Shopping. Coffee lounge.	1
679	More restrooms near the fountains	1
680	More restUrants	1
681	More rock event	1
682	More safe and more attractions and food	1
683	More safety	1
684	More safety and lighting	1
685	More security and events for older adults	1
686	More security guards especially at event. Noted recent shootings.	1

687	More security on the walking bridge especially after 5	1
688	More security out and patrolling more cameras	1
689	More shade or places to hide from the sun	1
690	More signage.	1
691	More signs around Louisville. Wouldn't know unless she googled it	1
692	More signs around the park. Food vendors. Construction signs.	1
693	More soap on the bathroom.	1
694	More social media	1
695	More statues like the Lincoln statue and walk g areas	1
696	More statues. Art.	1
697	More summer events for kids since they are not in school	1
698	More Swings	1
699	More than word of mouth	1
700	More things to do	1
701	More things to do with the kids	1
702	More to do at park on daily basis	1
703	More trashcan	1
704	More trees for shade and sitting areas	1
705	More tv advertisement 35-55 aren't reached	1
706	More variety in food. More kid friendly activities. Art craft.	1
707	More variety of events, like. Kentucky Shakespeare festival	1
708	More variety of food and more events	1
709	More variety of food trucks	1
710	More variety of Inge to do	1
711	More vegfitwrian food options	1
712	More vendors, more amusments, carousel	1
713	More vendors. More attractions.	1
714	More venues and food. More picnic tables.	1

715	More visual art events	1
716	More water and shade	1
717	More Water fountains	1
718	More water fountains and bathrooms	1
719	More weekday children's activities	1
720	More welcoming to a diverse group of people.	1
721	More with nature	1
722	Movie nights.	1
723	Movies, Exercise, food truck day, taste of Louisville	1
724	Multicultural events. Food options. More events. Canoe rental. Ski rental	1
725	Music events more	1
726	Music more	1
727	Music, better variety of food	1
728	Musical instruments. Magnolia trees are easy to climb. Interactive climbing play ground	1
729	Need to assure people that they are safe, won't come down here at night.	1
730	Needs advertising for the park	1
731	Needs more bathrooms, and food vendors.	1
732	Never eat or come at night	1
733	New parking for pay	1
734	Nice restaurant	1
735	Nicer than parks where I live	1
736	No	1
737	No charge for parking	1
738	No paid parking,	1
739	No parking charge , family friendly events	1
740	No parking fee	1
741	No parking fee, probably more security	1

742	No parking fees	1
743	No parking fees. Restaurants.	1
744	No response	1
745	No shootings, but more police are evident	1
746	Not a lot of advertising. Making other parts of the park known	1
747	Not a thing	1
748	Not charge for parking	1
749	Not charge for parking only for events	1
750	Not charge parking for families visiting the park. Event parking ok.	1
751	Not charging for parking	1
752	Not get basketball courts	1
753	Not having bathrooms available during winter	1
754	Not lively enough	1
755	Nothing comes to mind	1
756	Nothing else only came for excercidr and for son to play. Thinks everything is good	1
757	Nothing noted	1
758	Nothing specific	1
759	Nothing.	1
760	Noting	1
761	Number of events and quality of food	1
762	Offer broad security	1
763	Offer more food	1
764	Offer more information about the park. Like where to pull in	1
765	Old school jazz music, more marketing	1
766	Old school music	1
767	Only here because it's associated with her job , but would like to see festivals, pop up shops, food festivals, carnivals	1
768	Open containers	1

769	Open earlier. The event start earlier	1
770	Open the restaurant	1
771	Open the restaurant next to the playground - we came more often.	1
772	Open water earlier, like at 10 rather than 11	1
773	Orchestra Better cleaner bathrooms	1
774	Organic clean food options	1
775	Organized sport event	1
776	Other kind of sport facilities	1
777	Outdoor gym	1
778	Outdoor work out area, kids festivals	1
779	Outdoor workout stuff. Art interactive stuff	1
780	Overall safety should increase	1
781	Paddle boats	1
782	Parking an issue don't charge I won't pay to park	1
783	Parking charges I wouldn't come	1
784	Parking free	1
785	Parking free contributes to park diversity	1
786	Parking is difficult especially at events.	1
787	Parking is ok	1
788	Parking is ok right now, but now so great during the later hours. Maybe better advertising	1
789	Parking more festival	1
790	Parking options	1
791	Parking was horrid	1
792	People smoking things	1
793	Petting zoo	1
794	Phone charging stations during events. More bathrooms, better food options, more stores and food options like Indiana has near their waterfront	1
795	photo booth	1

796	Programming	1
797	Promote events. Embrace new concepts and ideas.	1
798	Promote the events	1
799	Promotion	1
800	Provide shading areas.	1
801	Publicize more what is going on	1
802	Publicize the park	1
803	Put a trolley that stops at different areas of the parks	1
804	Put food in here	1
805	Put in a theme park	1
806	Put in more swings for people to relax	1
807	Put in restaurants	1
808	Put more signs up for events and advertise	1
809	Reinforce idea that the park is safe	1
810	Reinforce the idea that it's a safe place for the family to come. Don't charge to park.	1
811	Rest stations. Canopy	1
812	Restaurant	1
813	Restaurant situation could be fantastic, some shops. Balance between shops and restaurants	1
814	Restaurants	1
815	Restaurants closer on Louisville side	1
816	Restaurants with a riverfront fiew	1
817	restaurants. Adults events. Daily. Arts and crafts. Musical yoga. Classes. Boat classes.	1
818	Restaurants. More food	1
819	Restaurants. Vendors. Flowers.	1
820	Restroom up grade	1
821	Restrooms aren't visible	1
822	Restrooms? More attractions	1

823	River races	1
824	Rock concerts. Heavy metal. It's welcoming	1
825	Safety is biggest concern, more police presence. And more restaurants.	1
826	Safety. Advertise,met. Food.	1
827	Same as above	1
828	Scavenger hunts, water misters	1
829	Security	1
830	Security at night	1
831	Security at night or evening not charging for parking	1
832	Security,	1
833	Security.	1
834	Sell beer	1
835	Sell ice cream	1
836	Sell water	1
837	Send beautiful women	1
838	Senior events and free parking	1
839	Serve beer and let me walk around with it	1
840	Shade. More events.	1
841	Share social media sign	1
842	Signage for events for tourist	1
843	Signage for parking, more trees	1
844	Signup for park events and newsletter to advertise what events that are going on.	1
845	Skate park, basketball court, turf field	1
846	Slides. Bouncy house. Party the,e.	1
847	Small booths or shops on the bridge. Entertainment such as an outdoor theater or amphitheater.	1
848	Small pool for kids, small boats	1
849	Smoking in the kids area water area people smoke and smoke week. More sight for not smoking	1

850	Snow cones	1
851	Social media	1
852	Social media promotion	1
853	Social media.dogs on walking bridge	1
854	Some more attractions for kids	1
855	Some more food options, like food trucks	1
856	Some video game tournaments. Music	1
857	Somehow let us know when there's more stuff going on	1
858	Something always going on, does t know what they are going to about next year. Likes how park looks now.	1
859	Something for adults to do. Frisbee golf. Fishing.	1
860	Start earlier	1
861	Steal city Popsicles more food trucks daily	1
862	Steam boat festival	1
863	Steel city pops should gave a both down here, farmers market would be nice	1
864	Stop the violence	1
865	Stress dark sky lighting.	1
866	Stronger social media and advertising	1
867	Stuff for kids	1
868	Stuff to read. Nature facts. Like Ohio river facts. How log would it take to swim across the river	1
869	Super heroes	1
870	Swimming pool	1
871	Swimming area	1
872	Swings	1
873	Taco trucks and more type of water for t Wednesday's. Ultimate frisbee. Flag football	1
874	Take care of restrooms	1
875	Take dogs on bridge	1

876	Television commercials	1
877	Tell peopl about event	1
878	The events do a greAt job	1
879	The park is unique nothing else	1
880	The playgrounds are predominantly concrete not safe for children. Need to change.	1
881	The view. The sights. Need to stop charging so much for concerts. More attractions for kids. Movie day, big screen.	1
882	There's different parts for different people.	1
883	They do a good job. Increase night time security on non event days.	1
884	They do a lot of activities. Do a great job	1
885	They do good job	1
886	Too bad not more shady areas. On a hot day can be horrendous, overhang maybe with a bar.	1
887	Trail by the river	1
888	Trees cut down horrible...are they sick. Better foliage management. Better restaurants. Water taxi. Boat rides on the river.	1
889	Upgrade the bridge	1
890	Utilize the water, river. Have boats or something fun Food like seriously	1
891	Variety of food	1
892	Vending machines and taco trucks.	1
893	Vendors and artist booths or bike rentals	1
894	Vendors. Safety more	1
895	Very nice basketball courts, tournament courts would increase he amount of events and bring in people from across from Kentucky	1
896	Violence.	1
897	Walking groups	1
898	Water facilities like canoeing and kayaking	1
899	Water fountain diet work. So fixing it.	1
900	Water fountains	1

901	Water games should be added	1
902	Water park, slides and deep end	1
903	Water slides and improved water park. Advertise in hotels.	1
904	Waters.ides	1
905	We can't pay to park for every event . Really like multi cultural events. Like the connection to Indiana.	1
906	Well mapped out. Where is the food?	1
907	Well pleased with what is here.	1
908	Why would you charge when so many people use this place as an inexpensive place to take children , etc.	1
909	Work on having more free events that could bring everybody	1
910	Workout equipment to rent. Or install stretching stations	1
911	Workout equipment, variety of music events, hip hop Latin music an r&b music	1
912	Younger events	1

Earlier you gave a low score for your satisfaction, can you elaborate on the reasons why you gave that low score?

	Response	Count
1	More food options	6
2	Don't see any food	3
3	Better food options	2
4	Food - there is no food	2
5	Lack of food	2
6	More food	2
7	More restaurants	2
8	No food	2
9	No food options	2
10	No food variety	2
11	No healthy food	2
12	Not a lot of options	2
13	Not enough food	2
14	Not much available	2
15	Not safe no food	2
16	Shooting	2
17	There's food?	2
18	Variety- no food options	2
19	Variety- not many options	2
20	Type - more advertising wide spread	1
21	Variety- not many options	1
22	Variety - not a lot	1
23	2- safety. Shooting Food - unless event nothing to eat	1
24	2 score for bathroom	1
25	3- would like mommy group to exercise with	1

26	3 safety. Night time concerns s	1
27	A lot of robberies, more security. Cameras	1
28	Accessible up and down levels not good	1
29	Add basketball park. Add restaurant and better food choice American food choices. Texas Roadhouse or tumbleweed.	1
30	All I've seen are hot dogs and ice cream	1
31	Bad area	1
32	Bathroom cleanliness. More events, concerts, NBA Youngboy, Alicia Keys, Carrie Underwood, Maroon 5, Chris Brown, R. Kelly, Major, Chance the Rapper, 5ZA, Miyos, Yogotti, TRE Songs, Nicki Mananj; CARDiB	1
33	Bathroom dirty	1
34	Bathrooms are awful, but park is clean.	1
35	Bathrooms are dirty. More cleaning every four hours	1
36	Bathrooms are disgusting. Have only seen hot dogs and ice cream. Water fountains don't work	1
37	Bathrooms are gross, not enough	1
38	Bathrooms are not very clean. Floor is wet.	1
39	Bathrooms clean often. More lighting in spots connecting walkways. No comparison with jeffersonville for food.	1
40	Bathrooms could use more frequent, even hourly cleaning it possible. Rest of park is very clean.	1
41	Bathrooms more upkeep needed, poor landscaping by water venue too many bugs there needs better upkeep.	1
42	Bathrooms nasty,	1
43	Bathrooms not clean need seats, stuff on the floor. Food trucks needed on weekends especially mid day. We would stay longer if food was available	1
44	Bathrooms smell needs to be cleaner	1
45	Bathrooms update and clean. Swings squeak. No littering. Moe little kid areas. More events for kids.	1
46	Bathrooms were not clean	1
47	Better and more healthy food choices.	1

48	Better food, police presence, nicer bathrooms.	1
49	Better lighting around park	1
50	Better safety at night. No food	1
51	Better variety of food. There's a greater variety on the Indiana side.	1
52	Better variety of food.	1
53	Biggest problem is forecastle for the people who live downtown. If it runs longer than the scheduled time. The music can be heard from home. Never lit well enough. Person got shot on bridge	1
54	Bushes overgrowth on unkempt trail. Homeless.	1
55	Cameras more police	1
56	Can't get a cold drink anywhere	1
57	Can't think of any restaurants	1
58	Chicken or fish taco, more sandwiches and variety of drinks	1
59	Choices for vegetarians are slim	1
60	Clean- bathrooms are dirty Safety- stuff I heard	1
61	Clean- could be cleaner Safety- someone recently shot Co diction- some broken Park equipment	1
62	Clean- current condition looking at it Types of events- doesn't know the type but is aware that they have them	1
63	Clean- hard to keep up with trash	1
64	CleAn- sees trash around	1
65	Clean,Inez- seen trash around Safety- doesn't see any security Things to do- mainly for kids	1
66	Clean.iness- could be cleaner, cleaning guy was alone and 90 years old More police patroling after hours	1
67	Cleanl- from current observation Quality- prefers Louisville local food Upkeep- from current observation	1
68	Cleanliness- been in areas where it wasn't clean	1

69	Cleanliness- depends on events sometimes trash becomes problem. When he comes down is during events Things to do - from coming often. The water and playground are things that he's done Already Food quality- only chow wagon. Subway only. Not a lot of places would think there was more places	1
70	Cleanliness- dirty after events Condition- some areas of the playgrounds need upkeep Variety- no variety at all Things to do - mainly for kids Lightening- some dark areas of the park	1
71	Cleanliness- dirty bathrooms Condition - dirty bathrooms	1
72	Cleanliness- ditty bathroom	1
73	Cleanliness- doesn't know Things to do- normally visits the same spite	1
74	Cleanliness- garbage on ground after events Safety- new stories	1
75	Cleanliness- leaves in the kids feet	1
76	Cleanliness- people don't throw their trash away Variety- they gave food someone's Park safety- people come to act silly and I don't think it's safe	1
77	Cleanliness- poop on playground Types of events- hasn't seen much	1
78	Cleanliness- the bathrooms	1
79	Cleanliness- there isn't any trash	1
80	Cleanliness - bathroom	1
81	Cleanliness - litter, graffiti Food- didn't think there was food	1
82	Cleanliness - trash bag. Safety- gear about a lot of stuf. More tacos. Construction has been going on for a while	1
83	Condition- can't find good toilet	1
84	Condition- dirty restroomd	1
85	Condition- overall some areas of playground needs Grade Safety- shooting and cops are sitting in the car	1
86	Condition- some things not working on playground	1
87	Condition - it could be better especially in bathrooms Things to do- really don't have enough	1
88	Condition -could be better Variety- standard American unhealthy. More diversity Things to do- would like more community grassroot events Quality needs to be healthier	1

89	Condition of the park- mainly the bathrooms Lighting- gets dark fast in the summer and lighting not to good aridity- not many options Quality- hot dogs are ok Things to do- not much to do unless an event	1
90	Condition of the park- need more bathrooms and cleaner water Variety- doesn't see a variety	1
91	Condition of the park- some areas of playground have loose lots and benches are broke	1
92	Conditions - bathrooms locked and only ones open are far.	1
93	Conditions - bathrooms p, water Type of events - not that many Food - not. Any variety not many vendors. Food trucks	1
94	Construction blocks off road	1
95	Could be a greater variety	1
96	Could be a greater variety. Need to reopen restaurant.	1
97	Could be more events with fall season coming	1
98	Crab Shack is closing, and don't feel safe since gun incident	1
99	Cracks on sidewalk and kids could easily jump or fall into the water	1
100	Cut down foliage to see river	1
101	Cut down weeds can't see river	1
102	Didn't know there was food	1
103	Didn't realize there are food options	1
104	Didn't see any food. Not a lot to do. No paddle boats.	1
105	Dirty bathrooms	1
106	Dirty fountains	1
107	Do not like the variety at all hot dogs are ok quality	1
108	Doesn't seem to be a lot of food options.	1
109	Doesn't usually eat good at park.	1
110	Don't know if there's any food aside from event vendors.	1
111	Don't see all events here in evening	1
112	Duct tape on overlook by belle of Louisville	1

113	Events - many events in a highland. This is a good venue. More events here would be better Safety- win the drug circumstance if in the wood walking area not easy access to police. More cops walking around. Cleanliness- things on ground Things - more events. More kid friendly. Broaden water play area.	1
114	Feels like there should be more affordable options for food, and vendors should be more visible.	1
115	Food- don't see any	1
116	Food- more healthy food. Vegetables	1
117	Food- no food.	1
118	Food- not ,Amy options. None. Safety - shooting here not too long ago Type events - the don't have much. Not just music. Advertise better Quality. No food Number of events. Don't know how to find out about them Things to do- not much. A camping area would be fun Lighting - when you walk through playground is dark	1
119	Food- not any variety or a alibility	1
120	Food- not many options Safety - bad behavior by walking bridge	1
121	Food- not sure what there is	1
122	Food- nothing down here for this event.	1
123	Food- nothing here	1
124	Food- only hotdog Safety- don't see any police officers, security but feel they are here Type of events- veteran events and music events more of those	1
125	Food- prices are over priced	1
126	Food- there's only one place. Nothing like else	1
127	Food- unless food trucks no food available. More police monitoring	1
128	Food- you have to walk far to get food	1
129	Food - all k see the one vendor Safety- don't see any officers patrols	1
130	Food - decent selection. Type of events - decent jobs Conditions - no strong feeling about it Park safety - shooting and Cleanliness- good motivations of cleaning	1
131	Food - don't see food and can't eat what they do have because of braces	1
132	Food - gluten free so no places	1

133	Food - I think more healthy options Things to do- more for adults. A beer garden	1
134	Food - no variety.	1
135	Food - none actually at e park. You have ting into the city	1
136	Food - nor a lot of variety. Othe type of food	1
137	Food - not a lot choices	1
138	Food - not at all food.	1
139	Food - not many options Events - more in past than this summer	1
140	Food - not many options. More Indiana Type of events - more diversity Conditions - more tree trimming. More cleaned out	1
141	Food - not many options. Unless there's an event.	1
142	Food - not many things unless it's an event Safety - concerns because if things on news	1
143	Food - not much	1
144	Food - not much food.	1
145	Food - not much. Only some vendor guy	1
146	Food - not that much too eat. Maybe an ice cream place	1
147	Food - nothing to eat	1
148	Food - only hotdogs	1
149	Food - the inky thing is the hotdog stand	1
150	Food - there's not any	1
151	Food - there is no food. Only when concerts or events. I bring my own food	1
152	Food - they don't variety. Have salads. You have to go across the bridge. safety - going of safety for others on bridge	1
153	Food - they should more things to eat in the park Things to do - have play ground walk , not sure what else could be there but more thighs for adults	1
154	Food is expensive and far apart. Leaves in the water area.	1
155	Food is expensive need cheaper options	1
156	Food is too expensive	1

157	Food need variety and venues at foot of the bridge. Have modern restaurants in parking areas with parking at the rear. More electricity ports. More adult events. Cameras need more. Kid needs events teen activities. Stuff for teens	1
158	Food needs to be restaurant there. At least one! Cafes	1
159	Food no	1
160	Food not a lot of food stands	1
161	Food places	1
162	Food trucks needed at park. On weekend days needed. Brings people to the park	1
163	Food trucks!	1
164	Food variety and quality just hotdogs and icecream. Get food trucks to come down on the weekends	1
165	Food. - not many options	1
166	Get barbque restaurant more	1
167	Get more food for single parents, jobs at restaurants. Increase patrols.	1
168	Gluten free options needed. More healthy options. Add an outdoor gym. Basketball park. Add dog park area.	1
169	Have a permanent food booth to rent	1
170	Have more food	1
171	Haven't seen food vendors	1
172	Haven't seen many options that are healthier and more variety	1
173	Haven't seen police	1
174	Heard area not safe, night games not comfortable. More food choices. Walgreens on corner. Overgrowth needs to be made along walkway.	1
175	Hot dog on both ends. More swing sets. Emergency buttons on posts for help. Parking at 1.00 ok not more	1
176	Hot fresh food,	1
177	I have an overall 3 feeling about everything	1
178	Interactive equipment doesn't always work, like bike pump	1
179	It's fine without any food, but don't notice any vendors.	1
180	Just need more food options	1

181	Kosher food	1
182	Lack of food / want more grills	1
183	Lack of food choices	1
184	Lack of food other than hot dogs	1
185	Lack of food.	1
186	Landscaping needs to be done around park they've let it go.	1
187	Lawn bowls court, good anchor restaurant more restaurants. Like German on water restaurant.	1
188	Leave at dark	1
189	Lighting- are dusk does t feel safe. Come by herself	1
190	Lighting- at night not lit enough Variety- no variety Quality- no variety	1
191	Lighting- can be dark at. Itchy Variety- not much to choose from	1
192	Lighting- feels unsafe as a female lighting could be better Variety- can't find anything to eat down here Quality- goes along withvariety	1
193	Lighting- haven't been here at night but daytime Variety- only been to a few haven't heard about others Quality- haven't been here enough Park safety- don't see huge security presence	1
194	Lighting- not well lot in some areas Quality- only food available us the hotdog stand and just simple snack Safety- recent shooting	1
195	Lighting- seems dim Number of events- could have more Things to do- not a lot of activities Variety- not many options Quality- hot dogs don't look that great	1
196	Lighting- some spots not as well lit	1
197	Lighting - it's dark Things to do - more for kids than adults Food - no food. One truck that's it Safety- in the dark too many little gangs. Aggressive youth	1
198	Lighting at the park- doesn't look like its very well lit. Doesn't look like it would light up areas besides paths very well. Types of events- mostly music festivals, nothing really inclusive of all ages. Not very varied. Usually private events. Seems to be more centered to small groups.	1
199	Lighting is horrible. Need more lights. More bathrooms. Bathrooms are dirty more patrol. No water on the grass on the main lawn. Grass is yellow	1
200	Lighting not bright enough more lighting	1

201	Lighting, lights go out around bridges at night which is nice for sleeping.	1
202	Lightings- Bridge seems that lighting one amp is good,but lighting on actual bridge isn't bright enough.	1
203	Limited food optins	1
204	Looks worn equipment	1
205	Lots of weeds	1
206	Margaritaville, community support, more working lights, wifi,	1
207	McDonald's or drive through for bikers	1
208	Mexican snacks	1
209	More adult activities	1
210	More diverse events	1
211	More diverse events, nothing here for black folks. Multi-ethnic events	1
212	More diverse music for minority's	1
213	More events at the park, but always something to do.	1
214	More events music and world fest events, more food	1
215	More events, Spanish bands	1
216	More events.	1
217	More events. And food options	1
218	More events. Diversity of music, blues, soul music, buddy guy,	1
219	More flowers, more drink vendors,	1
220	More food and activities	1
221	More food needed	1
222	More food options here.	1
223	More food options, more events, live funk,	1
224	More food places not during events.	1
225	More food stands, more water features, swimming pool	1
226	More food trucks	1
227	More food trucks at events	1

228	More food trucks for snack cheap like vending	1
229	More food variety and selection	1
230	More food vendors and variety. Would like to see more police patrols in splash park area.	1
231	More food, activities for adults like the Indiana side,	1
232	More food, bouncy house,	1
233	More hip hop and reggae and blues and jazz concerts	1
234	More jazz music	1
235	More lighting	1
236	More lighting No food options	1
237	More lighting in areas with lots of foliage at night	1
238	More lighting. More food options here like jeffersonville.	1
239	More lights	1
240	More lights, cleaner bathrooms, more food options	1
241	More music, more live theater, community theater,	1
242	More open, less hills	1
243	More places to eat	1
244	More police and security	1
245	More police presence. Community violence in general.	1
246	More refreshments for kids	1
247	more refreshments, water, ice cream	1
248	More seating.	1
249	More security patrolling or standing around. Owensboro is more up to date and clean. Young people and scout troops are continually picking up trash. Use them as a model. Their riverfront is nice. Clean and repair blue carpet. Parking don't charge. Keeps people from coming. Keep free.	1
250	More security to patrol smokers	1
251	More Security, workout equipment, more fountains, don't extend the park, more ashtrays	1

252	More shading. More food. Story time. Music for kids.	1
253	More slides,	1
254	More things to do for ppl her age, archery	1
255	More upkeep on grass and natural areas. Some parts seem neglected.	1
256	More variety of food	1
257	More variety of food, open visible food, more free events	1
258	More variety of food.	1
259	Mostly food trucks	1
260	Mountain biking, want to be able to bring the grill, easier parking,	1
261	Need cleansing bathrooms. More variety of food. More family friendly activities. Community field day free. Movie night with food vendor. Color run for the park.	1
262	Need more bathrooms, more shops and stores	1
263	Need more food like indiana	1
264	Need more food options	1
265	Need more kid friendly food for the kids.	1
266	Need more restaurants and more kids events	1
267	Need more restaurants or food vendors and more festivities.	1
268	Need to be more food variety and more vendors. Activities for adults more during the week	1
269	Need to clean bathrooms more. At 4 am event no light to set up with	1
270	Needs bike service stations. More water fountains. More variety and frequent food truck routes. More lights at night	1
271	Nights	1
272	No food Dirty bathrooms	1
273	No food , better safety at night	1
274	No food at park	1
275	No food available	1
276	No food heren	1
277	No food on this side of river	1

278	No food options.	1
279	No food we want ice cream and real meals	1
280	No food with no events	1
281	No food, more safety precautions at night	1
282	No good food	1
283	No lighting for set up before dawn	1
284	No restaurants	1
285	No restaurants, or ice cream	1
286	No security around playgrounds	1
287	No skateboarding signs where appropriate. Daughter had accident	1
288	No variety	1
289	No vegetarian food	1
290	No Vegetarian options	1
291	Noises, and general upkeep needed around steamboats	1
292	Not a lot of family/kids events. Maybe something planned every weekend. $1 hotdogs and cheaper drinks for big families. Then would stay here longer.	1
293	Not a lot of food outside events	1
294	Not a lot of fresh food options, and this is first time back since shooting	1
295	Not a variety of food	1
296	Not a whole lot.	1
297	Not dirty just not clean	1
298	Not enough choices, more food trucks	1
299	Not enough diversity in food choices, more vendors.	1
300	Not enough events	1
301	Not enough events for older people	1
302	Not enough food vendors, lots of playgrounds but not much for adults	1
303	Not enough normal food	1
304	Not enough options	1

305	Not enough things to do for adults. Would like to see affordable restaurants Louisville side close to park.	1
306	Not enough to do besides the bikes	1
307	Not enough variety, don't like grilled cheese	1
308	Not enough variety, no restaurants	1
309	Not food options at park. Not enough. Lighting in more places in walkways. Parking free! Don't charge.	1
310	Not good food	1
311	Not mAny food choices	1
312	Not many options	1
313	Not many options for food	1
314	Not much food available on normal day	1
315	Not much food on a regular day	1
316	Not much food.	1
317	Not really too many concession stands and not much for adults except riding bikes and walking	1
318	Not sure what kind of food is available.	1
319	Not variety of places to eat. Bring food truck on the weekend. View maintenance to see river. Parking free. Don't pay at other parks. Charge parking for event days otherwise free. Pay for parking in one area. Add more statues in the park more artifacts and history.	1
320	Not very much food	1
321	Nothing to do for adults	1
322	Number- doesn't come often	1
323	Number of e e to- not many events held	1
324	Number of event- seasonal Food - depends. Events	1
325	Number of events- doesn't seem like many Variety- few options available Quality- average food	1
326	Number of events- don't know or hear about them Park safety- recent shooting	1
327	Number of events- events not accessible	1

328	Number of events- hasn't seen much except for current e net and waterfront Wednesday Quality- same thing each time, just hot dogs	1
329	Number of events- never here when they have an event Variety- doesn't see too many vending machines or food stands	1
330	Number of events- not many events Quality of food-not enough variety Variety- not many options	1
331	Number of events- only aware of waterfront Wednesdays	1
332	Number of events- only knows of waterfront Wednesday	1
333	Number of events- thinks there should be more Things to do- could be more Variety- needs more restaurants	1
334	Number of events- wish there were more Quality- just chili cheese fries Variety- not much variety	1
335	Number of events- wish there were more family oriented events Safety- recent issues with big for bridge	1
336	Number of events - only event he knows of Hasn't seen other 5ks	1
337	Only food for events	1
338	Only food in Indiana	1
339	Only food on Indiana side	1
340	Only food on Indiana side, would have to travel downtown for restaurants	1
341	Only hot dogs	1
342	Only offer dogs on run more food. More good variety	1
343	Only one food truck. Something was broken at splash park.	1
344	Only seen a hotdog stand	1
345	Only seen hotdogs and ice cream	1
346	Only the hotdog stand	1
347	Open a restaurant food trucks around lunch and evening	1
348	Open up a restaurant	1
349	Paddle boats, cold water fountains, ice cream parlor, winter activities, ice skating,	1
350	Park cleanliness- seen trash around	1

351	Park cleanliness- sometimes clean sometimes dirt Safety- not always safe but feels safe in the moment Things to do- not much other than sightseeing a and things for the ifs	1
352	Park safety- doesn't feel completely safe. Lighting - some areas by the river that could be more lit Variety- not too many options Cleanliness- some days really clean and some days trash everywhere Upkeep- could be some updates in the playground area	1
353	Park safety- doesn't see any police officers as often as I would to see	1
354	Park safety- doesn't see cops Quality/variety- not many optiond	1
355	Park safety- don't see police even at night Variety- not many options Quality - only get hod dogs and chips Lighting- a lot of the lights are out on the bridge	1
356	Park safety- due to news media coverage	1
357	Park safety- gang activity and fight Variety- not alot	1
358	Park safety- has been mugged once here before Variety- only the hotdog stand	1
359	Park safety- heard can be unsafe	1
360	Park safety- heard of violent incidents Variety- doesn't eat here often	1
361	Park safety- many dark spots in the park Variety- not many options Quality- doesn't taste good and wouldn't want to try Jo's crab	1
362	Park safety- need a patrol Things to do- not much to do for adults Events- need more for kids	1
363	Park safety- only sees two officers Not many food options	1
364	Park safety- people carrying guns openly	1
365	Park safety- rarely see security Clean- see drugs around Condition- rundown, graffiti Variety- not a lot of food available	1
366	Park safety- recent shooting and before that was unsafe Variety- nothing but the hot dog stand and popsicles	1
367	Park safety- shootings	1
368	Park safety- with anywhere in downtown Louisville it can be sketchy Variety- haven't seen any food here	1
369	Park safety- you heArd bad things Quality- doesn't ,Ike the vendors	1
370	Park safety - don't feel safe in the evening Food- they need more options.	1

371	Park safety - heard lots of stories of it being sketchy	1
372	Park safety - some one got jumped on the bridge, no one cares about safety Things to do at the park - people only got to the bridge Reed not many options Food - More events Cleanliness- trash every where Conditions - broken benches	1
373	Parking,	1
374	People could use the trash and more	1
375	People don't always throw away their trash.	1
376	Pick up more trash. More garbage cans. Recycle bins.	1
377	Play area needs repair slide chips and cracks	1
378	Playground needs to be updated	1
379	Police cars are empty	1
380	Price of food is too expensive	1
381	Quality- average options Variety- not many options	1
382	Quality- don't see many healthy options	1
383	Quality- food available is fine should just me more Variety- not enough	1
384	Quality- greasy Things- nothing here that's for sporting but they do across the bridge Lighting- some dark areas	1
385	Quality- just hotdogs there's other things to eat Variety- no variety Things to do- only thing is to do is walk the bridge or take kids to the playground. They need more of a Variety. Mainly a place to relax.	1
386	Quality- just the hot dog stand Variety- little variety hamburgers hotdogs or ice cream Safety- was present when the recent shooting occurred	1
387	Quality- looks good Things to do- only comes for music not outdoor person Number- doesn't pay attention to them Variety- doesn't know Types- 'just guessing'	1
388	Quality- mostly fast food Variety- only one stand Number of events held- typically something most weekends but not somethings g everyday	1
389	Quality- not healthy	1
390	Quality- not very healthy Variety- not a healthy variety	1
391	Quality- nothing but hotdogs Types of events- no events going on Condition of the park- it's clean and safe, everything works nothing is broke,	1

392	Quality- nothing healthy Variety- all park food	1
393	Quality- only hot dogs Variety- not many options Things to do- not much to do for older people	1
394	Quality- only Joe's Crab Shack Things to do- not much to do but walk Variety- only one option	1
395	Quality- volt hVe hotdogs Variety- not much besides hotdogs	1
396	Quality - hotdogs are expensive Safety- cousin recently shot	1
397	Quality - just hotdogs and not good quality Number of events- very few there could be more Lighting - gets really dark at night Variety - little variety. Just hotdogs and ice cream	1
398	Quality - only gave the hotdogs and they aren't good Lighting- some areas need better lighting	1
399	Quality of food- don't really know Variety of food - wouldn't know. Food? Safety- haven't seen any cops	1
400	Quality of food- only one type- seafood Variety of food- only seafood, not everyone likes seafood	1
401	Quality/variet- no food available	1
402	Quality/variety- not any iotins	1
403	Quality/variety- didn't know of any options at the park	1
404	Quality/variety- doesn't see many options	1
405	Quality/variety- doesn't see much would like more options	1
406	Quality/variety- few options	1
407	Quality/variety- not many options	1
408	Quality/variety- not many options and iOS crab shack is bad	1
409	Quality/variety - no designated food area Safety- no police officers/security/security buttons	1
410	Quality/variety - no food options Park safety -fights on big 4 bridge	1
411	Quality/variety nothing but the hot dog stand Types of events Number of events- should be more e nets considering how big the park is Types of events- would like ,ore culture and kids Park safety not enough presence of police during evening Lighting not a lot of good. Lighting in parking are	1

412	Recent shooting	1
413	Replacement of flooring	1
414	Restaurant was just okay	1
415	Restroom clean more	1
416	Restroom smell and trashed clean make men's and women's different	1
417	Safety- all of the news	1
418	Safety- assumed to be patrolled.	1
419	Safety- didn't see cops, but saw cop card	1
420	Safety- doesn't look unsafe, but doesn't see security	1
421	Safety- don't know Types of events- sees evenets on social media	1
422	Safety- friend robbed here	1
423	Safety- have r seen cope Quality/variety- not many options and doesn't taste very well	1
424	Safety- haven't seen security Cleanliness- sees a lot of trash	1
425	Safety- more patrols after school hours	1
426	Safety- never think about safety when here	1
427	Safety- no emergency poles, doesn't see police officers Cleanliness- noticed some garbage	1
428	Safety- not enough cops	1
429	Safety- not many cops. Food - not a lot of food Events - don't know of many event s not advertised.	1
430	Safety- playgrounds are very open not a contained space Decking on playgrounds are broken can easily hurt children	1
431	Safety- recent shooting	1
432	Safety- some darks area at night	1
433	Safety - based on crime on news	1
434	Safety - Crimean justice. Patrol is high. Conditions - bathrooms are gross. Garbage on playground	1
435	Safety - downtown can't come too late	1

436	Safety - I know if specific events that have happened that people have been hurt. Wouldn't come at night Events - on,y come to forecastle Cleanliness - trash in the Bay Area. Cigarettes buds Food - don't know anywhere.	1
437	Safety - past hosting	1
438	Safety - shootings. And gangs	1
439	Safety - too many fights. Not safe. Specially at night. Food. - not many things Lights - not enough lights Things - only think is play ground not enough events	1
440	Safety knew people beat up on bridge. Not good. New post not that helpful. Don't see roving patrols. Should be more for the money appropriations.see more bodies.	1
441	Safety on walking bridge at night is a concern.	1
442	Safety. Time depends	1
443	Said you have to bring your own food.	1
444	See a lot of trash on ground	1
445	Shootings	1
446	Some areas of are as supervised. Where the trees are. Doesn't feel safe	1
447	Souvenirs shop, more places to eat, shops,	1
448	Subway is not high quality	1
449	The bathrooms need to be much cleaner. Some trash around the park.	1
450	The food is boring	1
451	The pads on the ground are breaking up and are a tripping hazard.	1
452	There's no food available	1
453	There's only hot dogs	1
454	There's only one food vendor.	1
455	There are not enough events. One event a month enough. More restaurants. Look at jeffersonville for example.	1
456	There could be s greater variety and the quality is ok	1
457	There is only the hot dog stand for food when there is no event	1
458	They have very few events so they could increase number The types of events are mainly for adults. Need more events for kids Cleanliness- I see some trash now Safety - incidents you hear about in the news Lighting- at night some dark areas	1

459	Thing to do Not much to besides walk for teenagers Variety not many options Quality the food sits out	1
460	Things- not many options just walking Lighting- not many lights Number of events- not enough events	1
461	Things- nothing but the playground. Unless there's an event. Food - not a lot of places	1
462	Things - only thing is for children. For adults only walk around. Type and number of events - need more info about events. Food - only lemonade. More variety of food availed.	1
463	Things - only walk. Playground. People watching.	1
464	Things to do- 'kids are happy'	1
465	Things to do- don't participate in many events just family outings, they are look forward to more kid friendly events Park cleanliness- restrooms and playgrounds are dirty Condition- restrooms need better upkeep	1
466	Things to do- I am a calm person likes to walk around, speaking in regards to family and friends wouldn't be that much to do.	1
467	Things to do- just the way I see Upkeep- it's good but could be better	1
468	Things to do- knows how here's things to do but sees a lot of people bringIng their own things to do	1
469	Things to do- mainly things for kids Types of events- not too much going on Quality- just hotdogs	1
470	Things to do- mainly walk around for older people Park safety- stuff happens down here sometimes. Sometimes they control it wine times they dint	1
471	Things to do- need more things Safety- anything can happen Cleanliness- sees trash right now	1
472	Things to do- not a big variety of things Quality- it's good but not the best Variety- not many options	1
473	Things to do- not a lot Number of events- doesn't know of many	1
474	Things to do- not a whole lot of options	1
475	Things to do- not many events and when not an event limited to what you can do Variety- not many options Number of events held- not enough	1

476	Things to do- not much besides walk and bike Variety- haven't seen any options Quality- just drinks and ice cream Number of events- nothing going on today Types- didn't see any events	1
477	Things to do- not much to do except look around Events- mainly white events	1
478	Things to do- not much to do if not am e r t Variety- only two vendors	1
479	Things to do- nothing but the concert Variety- not many options	1
480	Things to do- nothing to do Variety- no variety available	1
481	Things to do- only events or eat	1
482	Things to do- tired of things to do Condition- the grills are nasty Safety- shooting from other day but they have police here	1
483	Things to do- upset that abbey road is across the river. Everything going to Indiana Quality- no place they would ever eat here. Clean- some of the trails are not maintained Variety- no variety Safety- felt uncomfortable Number of events- not a variety of events. Always ethnic and excludes people Type of events- losing abbey road, again having to leave to see events on Indiana side. No large true top name events.	1
484	Things to do- when there's no events not much to besides walk or picnic	1
485	Things to do - Food- money	1
486	Things to do - it's spread out you van only do one things No food options for vegetarians or gluten free Bad bathrooms	1
487	Things to do - not much to do Clean - some garbage Condition - bathrooms is hot and water fountain is hot	1
488	Things to do for her kids to play with	1
489	Things to do are mainly for kids and not adults Need a greater variety of food Quality is not gealthy	1
490	Things to do.- a lot of kid things. But you have you bring your own things if your older	1
491	Thinks they need a variety of vendors	1
492	Too many cigarette butts	1
493	Too many events in one day	1
494	Too much crime at night.	1

495	Too similar events and food	1
496	Trash a lot.	1
497	Trash around	1
498	Trash on ground	1
499	Trash pile in water was unexpected, subway was only food could find	1
500	Type of events - better music	1
501	Types- depends on if aligns with interests	1
502	Types- not enormous go advertising Number- not enough advertising Safety- don't always feel safe with cops	1
503	Types of events- doesn't know about them The number of ev nuts- not widely known Park safety- cops don't make her feel safe	1
504	Types of events- for younger people. Prefers events for older people	1
505	Types of events- hasn't seen an event that appeals to his interests Variety- if you're lucky you can only get a hot dog or Popsicle Lighting- only certain areas are well lit Number of events- hasn't seen by and is here often Quality- has gotten sick from the hotdogs	1
506	Types of events- hasn't seen any Park safety- doesn't see Andy police officers Condition- playgrounds need repair	1
507	Types of events- hasn't seen other events	1
508	Types of events- need a greater variety Variety- only hot dogs Quality- doesn't like hotdogs	1
509	Types of events- no events , not publicized Conditions- I've seen better Food- one vendor. And one restaurant to attract more people have more vendors. Food trucks	1
510	Types of events- not a wide variety	1
511	Types of events- not many options	1
512	Types of events- nothing to do right now Number of events- nothing going on Quality of food- doesn't like hotdogs and food is expensive	1
513	Types of events- only participate in holiday events Things to do- generally come down and do one thing	1

514	Types of events- would like to see ,ore during the daylight areas Lighting - put an additional tax on them for security and it's not happening Condition- takes a while to clean up after an event Quality/variety - no food always go to Indiana to eat Things to do- not much other than walking across the park Number of events- missing opportunity could have more events Park safety- lack of police protection Wish they'd spend more money making sure there's more things to do	1
515	Types of events - more family oriented events needed	1
516	Types/number of events seems like there's only a couple events and only geared towards hipsters or sports	1
517	Typically bring own food or drive to someplace nearby	1
518	Upgrade the children areas.	1
519	Upkeep - constructive on going on for a while	1
520	Upkeep - the fountain area look,s like it could some work	1
521	Variety- not big variety	1
522	Variety- not many options Quality- is crap	1
523	Variety- cant think of anything besides the hot dog stand Quality- it seems like junk food	1
524	Variety- could be more options	1
525	Variety- didn't see a lot Quality- just general thought on the food Things to do- didn't se many options Types of events- didn't see many options	1
526	Variety- doesn't know what all food is available Park safety- due to shootings Condition of the park- needs to be a safe padding near water invade kids end up falling in	1
527	Variety- doesn't know if many options	1
528	Variety- doesn't know if variety well	1
529	Variety- doesn't know of the restaurants Quality- Jo's crab shack is ok	1
530	Variety- doesn't know what else is around hadn't seen anything Safety- someone in the bathroom running water for a long time	1
531	Variety- doesn't like vendor food	1
532	Variety- expensive options	1

533	Variety- feels like there should be a little more variety other than hot dogs, chips, and ipcorn maybe more healthy alternatives	1
534	Variety- few options Quality- because of the options	1
535	Variety- haven't seen a variety	1
536	Variety- little food options Quality- chips aren't much	1
537	Variety- little variety. Very standard Quality- I'm a picky eater Events- I think there could be more things to do	1
538	Variety- need more food options Things to do- should hVe more on the river	1
539	Variety- need more options around the playground Quality- not alwYs good depends on taste buds	1
540	Variety- needs to be more seek yion	1
541	Variety- no food available Quality- ain't no food	1
542	Variety- no food besides hotdog stand and restaurants close Quality- 'hot dogs are just hot dogs'	1
543	Variety- no food options Quality- food isn't good	1
544	Variety- no Italian food Park safety- unattended children	1
545	Variety- no variety	1
546	Variety- no variety Quality- lack of options Park safety- from what she hears in the news Things to do- more built in athletic areas like a tennis court	1
547	Variety- no variety unless you bring food Quality- not many options	1
548	Variety- not a lot of variety Types of events- average to what other cities do Things to do- not much outside of biking and walking Cleanliness- about average	1
549	Variety- not a lot of variety unless for events	1
550	Variety- not enough	1
551	Variety- not many choices Things to do- a lot to do, I am just old	1
552	Variety- not many ethnic food options	1
553	Variety- not many options Quality- would like African food options	1
554	Variety- not many options on sight Things to do- just walking around Lighting- really dark after lights on great lawn turn off	1

555	Variety- not many options other than hot dog stand Quality- doesn't taste good Number of events- not many events for African American people Things to do- not much to do other than sightseeing, biking, or bridge	1
556	Variety- not many options since the Mexican restaurant closed Quality- cheaper street food. Not actually prepared	1
557	Variety- not many options.only one restaurant Events not much or if be here more often Park safety- wouldn't stay after dark, but safe in the day time Things to do- things to do only in certain sections Quality- changes too often. Expensive	1
558	variety- not many vendors Quality- fair food lots of food options in Louisville surprising to not have more options her	1
559	Variety- not much available	1
560	Variety- not much food around here would like more food trucks	1
561	Variety- not much variety unless going to a festival	1
562	Variety- not much variety; no options Lighting- not much and can't go in every area Safety- especially at night due to lack of lighting makes me feel unsafe	1
563	Variety- nowhere to eat	1
564	Variety- only aware of the hot dog stand Things to do- not many activities for adults	1
565	Variety- only chips and hot dogs	1
566	Variety- only knows of a few food vendor people in the park now	1
567	Variety- only knows of one option	1
568	Variety- only knows of one restaurant Quality- doesn't think food is of good quality or healthy	1
569	Variety- only one area of food	1
570	Variety- only one hot dog stand the restaurant keeps closing	1
571	Variety- only restaurant close	1
572	Variety- only saw hot dog stand Clean- playground could use upkeep Upkeep and repairs- just needed to be powerwashed	1
573	Variety- only seen a hotdog and Popsicle stand Quality- only hotdogs	1
574	Variety- only the hot dog place Clean - current observations Condition- overgrown grass and weeds	1

575	Variety- only the hot dog stand	1
576	Variety- options more Fruit and veggies for vegans. Ethic foods. Safety- police presence helps. Not many events or promotions. Independent music groups. Arts and crafts	1
577	Variety- there's food here?	1
578	Variety- what is there Things to do- mainly walk. Any other options	1
579	Variety - not enough., limited Safety- evening has suspicious activities Lighting - not enough Things - water on,y. Not enough	1
580	Variety food - only one option. Things to do - swings at splash park. Things for adults to climb. Frisbee golf. Goofy golf. Public art. Type of events- no relevant events with 2yr old. Kid friendly. Family friend. Percussion playground Conditions - bathrooms and changing stations. Section of the splash park doesn't work Park cleanliness - find fecal matter.d broken glass under steam boat. Homeless people.	1
581	Variety of food- not many options	1
582	Variety of food- there isn't anything.	1
583	Variety of food - Safety - it's fine during the day Lighting - it's okay in some areas darker in others	1
584	Variety of food - no variety	1
585	Variety Quality- do t know what to eat not many options	1
586	Variety/quality- not a large selection and brats and pizza for food	1
587	Variety/quality- not much	1
588	Variety/Quality- not much food available, would go back to Jefferson Safety- had backpack stolen recently	1
589	Variety/quality- only corn dogs Things to do- not much besides sitting or running	1
590	Vegetarian	1
591	Vending machines	1
592	Water fountains don't work and there is no food or drinks	1
593	Waterfront could be safer as far as kids going into water by accident, and playgrounds could be better lit at dusk.	1
594	What food?	1

595	Wine tasting, more games, small business festival, more diverse music concerts like jazz, r&b. A local flea market.	1
596	Wish there were more food available, carts that move around.	1
597	Would be nice if restaurNt was open	1
598	Would like steak a shak year round or seasonal fixed in place food place	1
599	Would like to see a cafe in park	1
600	Wouldn't mind more attractions that went along with the bridge.	1
601	You hear it is not safe, don't feel safe, times you think about for safety	1

Appendix C – Full list of 'other' responses and additional questions

Kentucky and Indiana counties

Kentucky residents	
Jefferson	88%
Bullitt	3%
Oldham	4%
Shelby	2%
Other KY County:	3%

Indiana residents	
Clark	53%
Floyd	30%
Harrison	5%
Other IN County:	11%
Clark	53%

Other Kentucky counties

	Response	Percent
1	Hardin	32%
2	Fayette	6%
3	Nelson	6%
4	Bardstown	3%
5	Campbell	3%
6	E town	3%
7	Fayetteville	3%
8	Grayson	3%
9	Henry	3%

10	Jesimein	3%
11	Lexington	3%
12	Madison	3%
13	Meade	3%
14	Monroe	3%
15	P	3%
16	Paris	3%
17	Scott	3%
18	Spencer county	3%
19	Trimbel	3%
20	Warren	3%

Other Indiana counties

	Response	Count
1	Crawford	25%
2	Jeff	13%
3	Scott	13%
4	Corydon	6%
5	Greene	6%
6	Jeffersonville	6%
7	Marian	6%
8	New albany	6%
9	Salem	6%
10	Scott County	6%
11	Sellersburg	6%

What events have you attended?

	Response	Count
1	Thunder over Louisville	6
2	Art festival	4
3	Hike Bike & Paddle	4
4	Polo	2
6	5k Races	2
7	Beer fest	2
8	Concerts	2
9	4th of July	2
10	Belle of Louisville cruise	1
11	Bernie Sanders rally	1
12	Breast cancer awareness walk	1
13	Brew Fest KY Brewers Guild	1
14	Car shows	1
15	Chow Wagon	1
16	Christian Rally and worship event	1
17	Classical music and kites	1
18	Color run	1
19	Color run, wine on the river	1
20	Beer and Food Truck Festival	1
21	Craft fair	1
22	Dragon Boat and Steamboat Races	1
23	Dragon Boat Festival	1
24	Fleur de flea	1
25	Flugtag	1
26	Gonzofest, random art fairs.	1
27	GRATEVILLE LOVILLE	1

28	Halloween event	1
29	International festival	1
30	It was an art fair	1
31	Kentucky Brewer	1

For your most recent trip to the Louisville area, what form of transportation did you use to get to the area?

	Response	Count
1	Walked	3
2	Shuttle from bachman chevrolet and VW	1
3	we drove, kids flew	1

While you were in the Louisville area, what other activities or attractions did you visit?

	Response	Count
1	Restaurants	3
2	Family	1
3	Impellezeris	1
4	Iron man Louisville	1
5	Ironman events	1
6	Jack O\' Lantern Spectacular in Iriquois Park	1
7	just restaurants	1
8	malibu jacks	1
9	Mammoth Cave	1
10	New Lou restaurant	1
11	none	1
12	Parks, big four bridge	1
13	Parks, cemeteries, bike trails, tennis, food	1
14	Parks, U of L, restaurants, shopping	1
15	Pumpkin festival	1
16	Restaurants downtown	1
17	Skatepark	1
18	the halloween pumpkin trail in the Iriqus park	1
19	Walking bridge	1

20	We went shopping at different malls st. Matthews and Oxnard or something.	1
21	Zoo	1

What is the main reason you are visiting Downtown Louisville today?

	Response	Count
1	Event	61
2	Boat fest	5
3	Walk the bridge	5
4	Birthday	3
5	Downs event	3
6	Enjoy the weather	3
7	Jug band	3
8	Night nation run	3
9	Relax	3
10	Sightseeing	3
11	Art fest	2
12	Birthday party	2
13	Exercise	2
14	Get out of the house	2
15	Live here	2
16	Lives here	2
17	The walk	2
18	To relax	2
19	Walking	2
20	Wine	2
21	,us	1
22	Art fest and festivals	1

23	Artistic expression	1
24	Ballon release	1
25	Big four bridge	1
26	Bike ride	1
27	Biking	1
28	Boast fest	1
29	Boat race	1
30	Boat races	1
31	Bridge	1
32	Bridge walk to jeffersonville	1
33	Bring grandkids to park	1
34	Buy a bike	1
35	Buy local fair	1
36	Chill	1
37	Color run	1
38	Dance classes	1
39	Downs walk	1
40	Enjoy weather	1
41	Enjoying the weather	1
42	Entertainment	1
43	Evebt	1
44	Event and eat	1
45	Event Down syndrome walk	1
46	Event in the park	1
47	Event s	1
48	Event volunteer	1
49	Exploring	1
50	Exploring the area	1

51	Family event	1
52	Fireworks	1
53	Fish	1
54	Flea market event	1
55	Fresh air with kids	1
56	Fun outdoors	1
57	Get out and enjoy weather, happened to come to park	1
58	Hang out	1
59	Hangout	1
60	Hosting a festival	1
61	I live here	1
62	Just something to do	1
63	Just visiting	1
64	Just visiting the area	1
65	Just walking around	1
66	Live close	1
67	Live downtown	1
68	Live in area	1
69	Live in the area	1
70	Lives close by	1
71	Lives in the area	1
72	Luoisville loop bike ride	1
73	Meet a friend	1
74	Meeting others	1
75	Memorial Day flag event	1
76	Music	1
77	Night run	1
78	Off work kids out of school	1

79	Out on our boat parked to come play	1
80	Park and art event	1
81	Passing time	1
82	Peace	1
83	Peace of mind	1
84	Peace walk st Stevens	1
85	People watch	1
86	Picking up someone	1
87	Pictures	1
88	Pleasure	1
89	Pokemon	1
90	Pokemon go	1
91	Pokemon hunting	1
92	Pretty day	1
93	Proposal	1
94	Race	1
95	Race up street. And art festivals	1
96	Randr	1
97	Recreation	1
98	Relax walk	1
99	Resurface chicken cook out	1
100	Ride bike	1
101	Salsa sunday	1
102	See water weather good	1
103	Shade	1
104	Show a guest around	1
105	Show her friend around	1
106	Skateboarding	1

107	Skatepark	1
108	Somethings hint to do	1
109	Sow friends the park	1
110	Spend time with children	1
111	Spend time with friends	1
112	Spend time with others	1
113	Spend time with son	1
114	Sport team practice	1
115	The all	1
116	The day out	1
117	The Fourth of July	1
118	The good weather	1
119	The run	1
120	Time with kids in park	1
121	Time with son having fun	1
122	Touring	1
123	Training dog	1
124	Trying to have a baby. Walking	1
125	Visiting	1
126	Visiting son in jail	1
127	Visiting sweetheart	1
128	Volunteer for the walk	1
129	Volunteer with Louisville metro animal services	1
130	Walk for event	1
131	Walk the bridge daily	1
132	Walking and entertainment	1
133	Walking bridge	1
134	Walking bridge and park	1

135	Wanderlust	1
136	Water park	1
137	Wear kids out	1
138	Wife has a class	1
139	Wine fest	1
140	Wine on the river	1
141	Workout	1

What else are you going to be doing today while you are in downtown today?

	Response	Count
1	Doesn\'t know	4
2	Walking around	3
3	Bars	2
4	Biking	2
5	Bridge	2
6	Don\'t know	2
7	Drinking	2
8	Maybe	2
9	Walk around	2
10	Walking the bridge	2
11	Another event	1
12	Art fair	1
13	Art festival. Blues festival. German town	1
14	Biking around the area	1
15	Bourbon and beyond festival	1
16	Brewery	1
17	Bridge walk	1

18	Candy	1
19	Cathedral	1
20	Check out the bikes	1
21	Church and club	1
22	Cont know	1
23	Cousin\'s graduation	1
24	Date night tonight	1
25	Distillery	1
26	Doesn\'t know yet	1
27	Don\'t j ow	1
28	Eat form from the vendors.	1
29	Eat lunch	1
30	Eating on Jeffersonville side	1
31	Eating sightseeing	1
32	Event	1
33	Event only	1
34	Falls of the Ohio	1
35	Fire works	1
36	Galt house event	1
37	Go drink	1
38	Go eat in Indiana	1
39	Go out	1
40	Go to gals house for a drink	1
41	Going home. We live here	1
42	Going to across bridge	1
43	Going to the hospital	1
44	Going to the mall.	1
45	Going to the seminary	1

46	Going to the zoo	1
47	Grab lunch	1
48	Hanging out with friends	1
49	Hit a bar	1
50	Homeless lives at park	1
51	Hookah lounge	1
52	Horror homes	1
53	Hotel	1
54	Hulu festival	1
55	I don\'t know	1
56	Iroquois pumpkin	1
57	Jack o Latern	1
58	Just the evebt	1
59	Just the even	1
60	Just to connect with natire	1
61	Just walking	1
62	Leaving town	1
63	Library	1
64	Live downtown	1
65	Lives in area	1
66	Maybe after kids go home	1
67	Meetings. J	1
68	Movie	1
69	Not at the moment	1
70	Not sure	1
71	Peace walk	1
72	Punk kin	1
73	Rent bikes	1

74	Returning a rental car	1
75	Ride around the area	1
76	Riding bike around	1
77	Riding motorcycle through downtown	1
78	Salsa	1
79	School nearby	1
80	Shower at wayside	1
81	Skate park	1
82	Skate park and walking bridge	1
83	Skateboarding	1
84	Sleeping	1
85	Soccer game son	1
86	Splash park, picnic	1
87	Steel city pops	1
88	Take in scenery	1
89	Taking pictures	1
90	Took wife to work beforehand.	1
91	Uofl game	1
92	Use zero bye downtown	1
93	Visit son later	1
94	Visit the YMCA	1
95	Visited parrish	1
96	Visiting son	1
97	Walk down town	1
98	Walking around downtown	1
99	Walking bridge	1
100	Watching fireworks	1
101	West Main Street nulu visit	1

102	Wine festival	1
103	Zoo	1

What is the primary language spoken in your home?

	Response	Count
1	Russian	2
2	Swahili	2
3	Bengali	1
4	Bosnian	1
5	Dari	1
6	English/Spamish	1
7	Georgian	1
8	German	1
9	Gugarati	1
10	Marathi	1
11	Netalee	1
12	Polish	1
13	Portuguese	1
14	Romanian	1
15	Spainish and English	1
16	Tagalog	1
17	Thai	1
18	Turkish	1
19	Woolof	1
20	Yorbau	1

What is your employment status?

	Response	Count
1	Unemployed	28
2	Self employed	7
3	All except student	1
4	At war with social security	1
5	Care giver inside home	1
6	Disabled	1
7	Disabled, can\'t work	1
8	Full time and student	1
9	Looking for a job	1
10	Missionary	1
11	Neither employed or student, just graduated	1
12	Not employed	1
13	Not working now	1
14	Pastor	1
15	Retired disabled	1
16	Self	1
17	Self-employed	1
18	Self employment	1
19	Social security	1
20	Stay at home mom	1
21	Stay at home parent	1
22	Student and full time	1

If you weren't at Waterfront Park today, what else would you be doing?

	Response	Count
1	Working	23
2	Work	17
3	At work	7
4	Eating	7
5	Shopping	7
6	Don\'t know	5
7	Zoo	5
8	Gym	4
9	Movies	4
10	Pool	4
11	Sleeping	4
12	Doesn\'t know	3
13	Driving	3
14	Fishing	3
15	Hiking	3
16	Mall	3
17	Swimming	3
18	Traveling	3
19	At the gym	2
20	At the hospital	2
21	At the mall	2
22	At the pool	2
23	Be at work	2
24	Birthday party	2
25	Church	2

26	Golfing	2
27	Grocery shopping	2
28	I don\'t know	2
29	Restaurant	2
30	Visiting family	2
31	Walking around	2
32	Watching football	2
33	Working out	2
34	Zip line	2
35	Another family event	1
36	Another outdoor activity	1
37	At a bar	1
38	At a pool	1
39	At gym	1
40	At lunch	1
41	At the library	1
42	At the movies	1
43	At zoo	1
44	Ball fields	1
45	Baseball	1
46	Bbq	1
47	Biking	1
48	Biking some place else	1
49	Biking somewhere else	1
50	Campsite swimming	1
51	Car show in fair grounds	1
52	Chuck e cheese	1
53	Coffee	1

54	Coffee shop	1
55	Cook out at home	1
56	Cooking out	1
57	Date night	1
58	Dinner elsewhere	1
59	Drinking	1
60	Drive to la grange	1
61	Driving around in any park	1
62	Driving back home	1
63	Driving home	1
64	Eat	1
65	Eating at a restaurant	1
66	Eating bards town	1
67	Eating. Games	1
68	Enjoying ice crean	1
69	Excercising	1
70	Exercising	1
71	Fair	1
72	Family event	1
73	Flea market	1
74	Friends house for a cook out	1
75	Gardening	1
76	Geocaching	1
77	Getting a tattoo on bardstown road	1
78	Go to family\'s house to eat bbq	1
79	Going to pick green beans	1
80	Going to the Slugger Museum	1
81	Gym or sleep	1

82	Gym or work	1
83	Hanging out with friends	1
84	Here everyday so wouldn\'t not be here	1
85	Hiking camping	1
86	Historic area houses	1
87	Homework	1
88	Hospital	1
89	House searching	1
90	Hubers	1
91	Hubuers farm	1
92	Hulu	1
93	I\'m Bird	1
94	I\'m the mall, sleeping	1
95	In a meeting	1
96	In the house reading books	1
97	Joe Ley	1
98	Just outside	1
99	Kart country	1
100	Kayaking	1
101	Laundry	1
102	Letter boxing	1
103	Look	1
104	Mammoth cave	1
105	Meal prep	1
106	Mega caverns	1
107	Movie	1
108	Muhammad Ali Museum	1
109	Museum	1

110	Music and bowling	1
111	Nails	1
112	Napping	1
113	Neighborhood pool	1
114	Nothing else	1
115	Other boat race	1
116	Out driving	1
117	Paint ball	1
118	Patton Museum Ft.Knox	1
119	Prom	1
120	Reading	1
121	Reading a book	1
122	Rehearsing	1
123	Rest area on road traveling	1
124	Riding my bike across East End Bridge.	1
125	Rode bikes	1
126	Running	1
127	Science center	1
128	Seminary	1
129	Shoppimg	1
130	Shopping on market street	1
131	Sit in back yard	1
132	Smoking	1
133	Some other family event	1
134	Something outside	1
135	Something with family	1
136	Somewhere on the new Albany side	1
137	Somewhere outside	1

138	Somewhere swimming	1
139	Sons house	1
140	Spending time together on Sunday	1
141	Spending time with family	1
142	Sporting event	1
143	St. James art fair	1
144	Studying	1
145	Swimmimg	1
146	Swimming at hotel	1
147	Swimming at the hotel	1
148	Swimming in a river	1
149	Swing	1
150	Taking pictures	1
151	Track	1
152	Training	1
153	Travel out of town for another concert	1
154	Traveling home	1
155	Traveling home.	1
156	UofL football game	1
157	Visit Cincinnati	1
158	Visit skate park	1
159	Visiting family downtown	1
160	Visiting vamily	1
161	Walking around in neighborhood	1
162	Walking bridge	1
163	Walking dogs	1
164	Walking down town	1
165	Watching football at home	1

166	Wedding	1
167	With friends	1
168	With horses	1
169	Work and then church	1
170	Work downtown	1
171	working	1
172	Working on car	1
173	Working usually	1
174	Wrestling	1
175	Writing	1
176	Yard work	1

How would you describe today's trip? Would you call this a..?

	Response	Count
1	Work	3
2	Event	2
3	All of the above. Work	1
4	Being here	1
5	Birthday party	1
6	Birthday Party	1
7	Business	1
8	Exploratory so	1
9	Family and friends	1
10	Festival happening. Didn\'t know how to describe	1
11	Getting out of hous	1
12	Hanging out	1
13	Inspiration	1
14	Just out for the day	1
15	Just so,rethink else	1
16	Memorial for fallen soldiers	1
17	See above	1
18	See daughter	1
19	Shopping	1
20	Time together	1
21	Together time	1
22	Unwinding from work.	1
23	Usual routine	1
24	Volunteers work	1
25	Walking the dog	1

What are the reasons for your visit to the park today?

	Response	Count
1	Event	9
2	Birthday party	5
3	Work	4
4	Biking	2
5	Relaxing	2
6	Big bridge	1
7	Bike rental	1
8	Boat broke down and could go boating	1
9	Boat races	1
10	Buy bike	1
11	Celebrating wedding	1
12	Connecting with a friend	1
13	Contemplate life	1
14	Date	1
15	Deconnect from technology	1
16	Dogs on the run	1
17	Enjoy the weather	1
18	Enjoying each other\'s company	1
19	Enjoying the peace	1
20	Event Down syndrome walk	1
21	Familiarize self w/ area	1
22	Fresh air	1
23	Geo caching	1
24	Get out of the house	1
25	Green space and dogs on the run	1
26	Iron Man	1

27	It\'s hot	1
28	Just getting out of the house	1
29	Just hanging out	1
30	Just hanging out to talk	1
31	Just reflecting on day	1
32	Kid time	1
33	Leisure	1
34	Local food	1
35	Look at path for the race	1
36	Meet with friends	1
37	Meeting a friend	1
38	Owner of Subway	1
39	Peace of mind	1
40	Peaceful	1
41	Play a sport	1
42	Play game on phone	1
43	Playground	1
44	Pokemon go	1
45	Reading	1
46	Relax	1
47	Rental bikes	1
48	Right near hotel	1
49	See events, check out the belle	1
50	Shop	1
51	Skateboard	1
52	Spend time with friends	1
53	Swings	1
54	Team building work event	1

55	Time for himself	1
56	Video	1
57	Visiting	1
58	Visiting with friends	1
59	Waking peace walk	1
60	Walk dog	1
61	Walking through on way to Levee	1
62	Watch the sunset	1
63	Wine event tomorrow	1
64	Work visit	1

What is the main reason for your visit to the area?

	Response	Count
1	Event	12
2	Iron man	12
3	Iron Man	4
4	Ironman	4
5	Wedding	3
6	Hospital	2
7	Music	2
8	ACC Baseball event	1
9	Basketball tournament	1
10	But her town art festival. Have nice meal blues festival	1
11	Car broke down on way to smokies	1
12	Chemotherapy	1
13	College	1
14	Color run	1
15	Concert	1

16	Concert festival	1
17	Concert this weekend	1
18	Daughter\'s orientation	1
19	Doctor visit	1
20	Fall break, pumpkin spectaular	1
21	Festival	1
22	Hospital visit	1
23	Hurricane	1
24	In route to Nashville	1
25	Ironmam	1
26	Ironman Louisville	1
27	Job and family	1
28	Missions camp outreach	1
29	Night nation run	1
30	On band your	1
31	On the way to somewhere else	1
32	Picking up son from ft Knox	1
33	Road trip to texas	1
34	Shopping Costco big 4 bridge	1
35	Traveling through	1
36	Vacation and business	1
37	Visiting my kids who live here	1
38	Visiting new to area exploring	1
39	Visiting son in Fort Knox	1
40	Wine event	1
41	Zoo	1

LOUISVILLE
waterfront park

Welcoming millions and catalyzing a billion

Waterfront Park has sparked investment

For 20 years, my father tried to develop the 100 block of Main Street. Outside developers said it wasn't possible because our waterfront was filled with industrial uses. We were finally able to start the Whiskey Row redevelopment in 2008 because we had the beautiful Waterfront Park as an anchor and amenity. Without Waterfront Park, Whiskey Row would not be possible.

-Julie LaValle Jones, Developer

2.2 MILLION
people visit annually

1.1 MILLION people attend one of the **150 EVENTS** held at the Park each year

including IRONMAN®, the Kentucky Derby Festival®, Forecastle Festival, WFPK Waterfront Wednesdays, and more!

The Park itself and the events it hosts combine to generate more than **$40 MILLION** annually in economic impact for downtown Louisville and beyond.

That supports at least **707 JOBS**, including 1% of all downtown jobs.

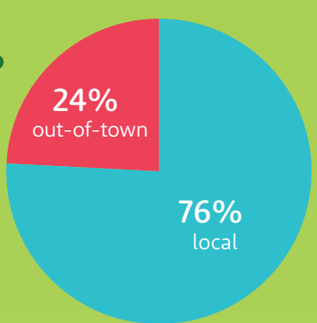
All while instilling confidence in developers and investors **who wouldn't have bet on downtown if it weren't for the Park.**

Waterfront Park is for everyone

The Park is more diverse than the city as a whole

- **35%** people of color
- **65%** white
- **45%** ages 34 and below
- **55%** ages 35+
- **22%** incomes less than $35,000
- **40%** incomes $35,000-$75,000
- **38%** incomes $75,000 +

1 IN 4 visitors lives out-of-town



Local visitors come from all seven counties in the region and every Metro Council district.

Nearly half of all visitors are families with children.

Visitors love Waterfront Park

97% of visitors would recommend the Park

91% feel a sense of belonging at the Park

95% of locals agree that *"Waterfront Park is for all people in the community"*

IQS Research

Founded in 1999, IQS Research is a custom market research and data analytics firm. During a six-month period in 2017, IQS personnel conducted in-person and online interviews with 1,533 visitors to the Louisville Waterfront Park. This data set generates a 95% confidence level and very reliable margin of error of ±2.5% for the findings presented here.

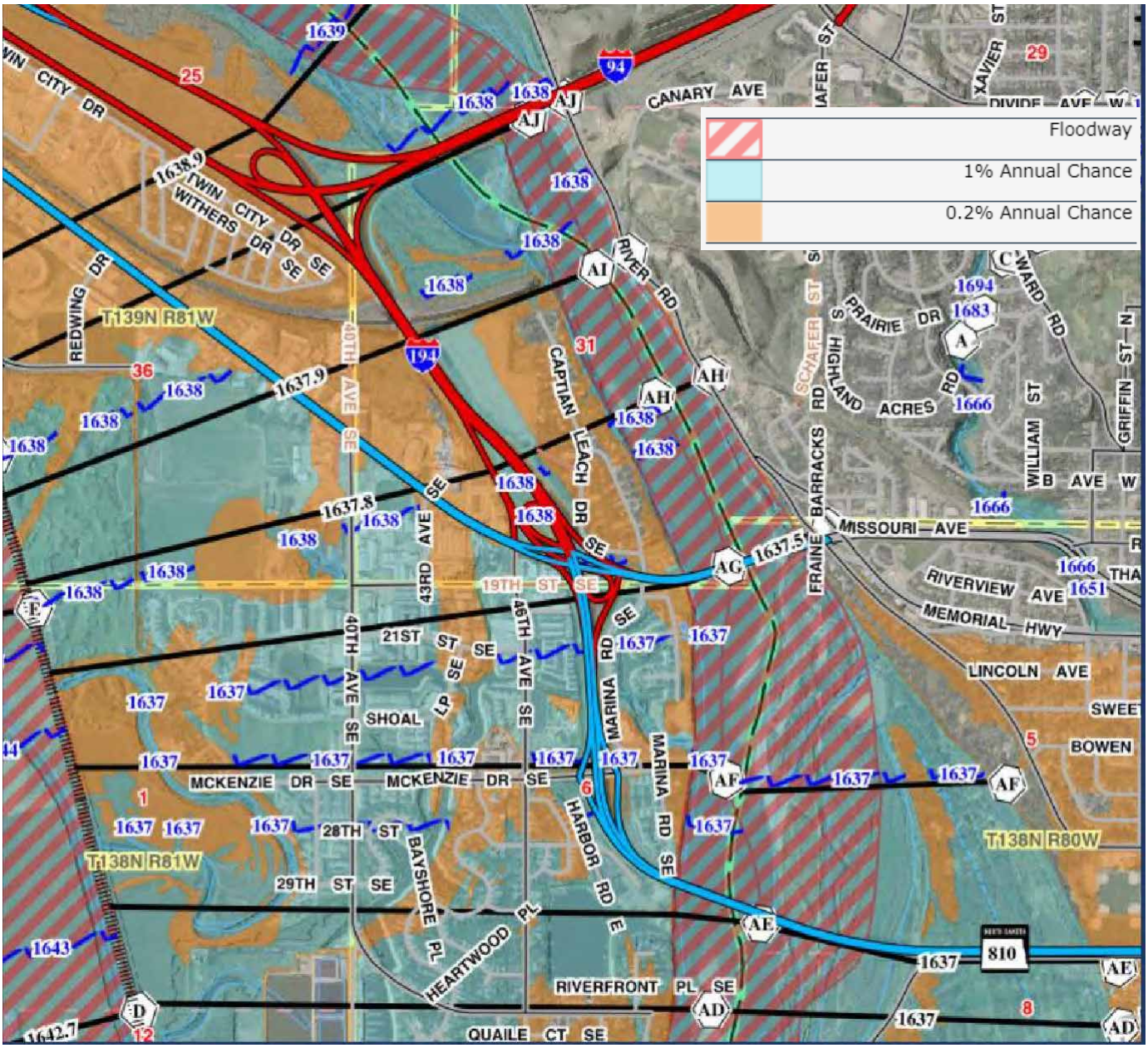
LOUISVILLE WATERFRONT

A F PGQRG DGQ F CP

Hello, my name is Christi Fisher and I am a resident of Bismarck, a member of Friends of the Rail Bridge, and a licensed civil engineer with over 30 years of experience. Thank you for the opportunity to provide testimony on pending permit S-2398 for destruction of the historic rail bridge. Below is the map submitted with the permit application, showing in yellow what the applicant identifies as the extents of the bridge located on the Sovereign Lands of North Dakota. That would imply that both ends of that yellow line represent the Ordinary High Water extents, on which that designation is based as outlined in Century Code 61-33-01.

It was not evident from the permit application materials exactly how the applicant came to that determination of their Ordinary High Water extents, however looking at the FEMA mapping shown below from the NDRAM site they potentially simply selected what was marked as the floodway on

Section AI. Alternatively perhaps they identified where the extents of terrestrial vegetation currently lie on both banks.



Clearly, current flood modeling or vegetative features in this reach do not correctly identify Ordinary High Water extents in 1889 when North Dakota became a state and was transferred the beds of navigable rivers. As shown below in the plot of annual peak flows at the USGS gauge in Bismarck, construction of Garrison Dam in 1955 drastically reduced flood flows in this reach (completion of Fort Peck in 1940 would have also impacted OHW extents).

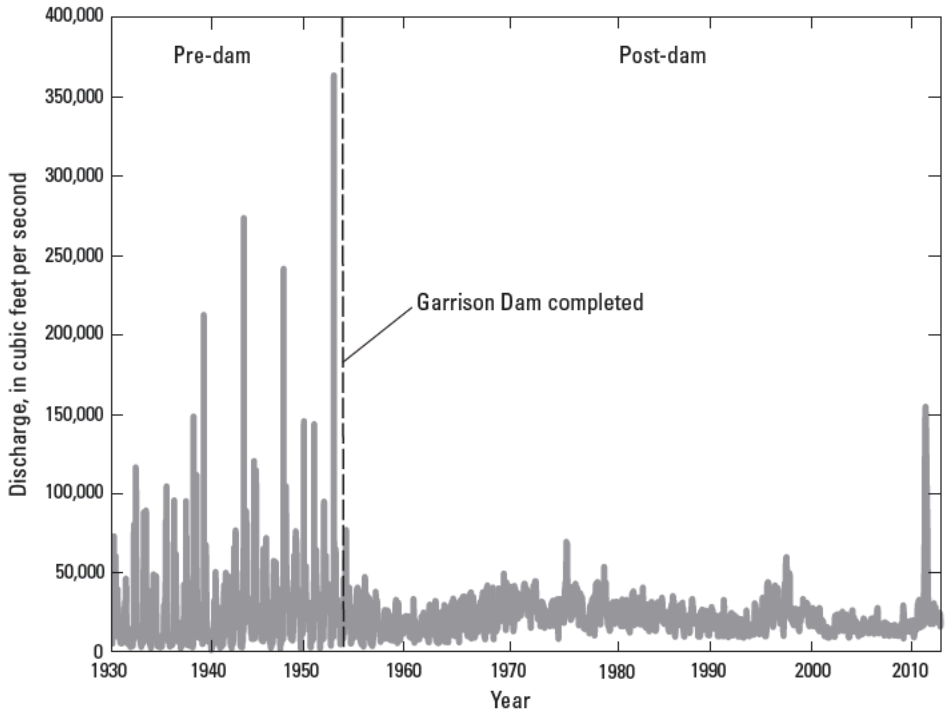
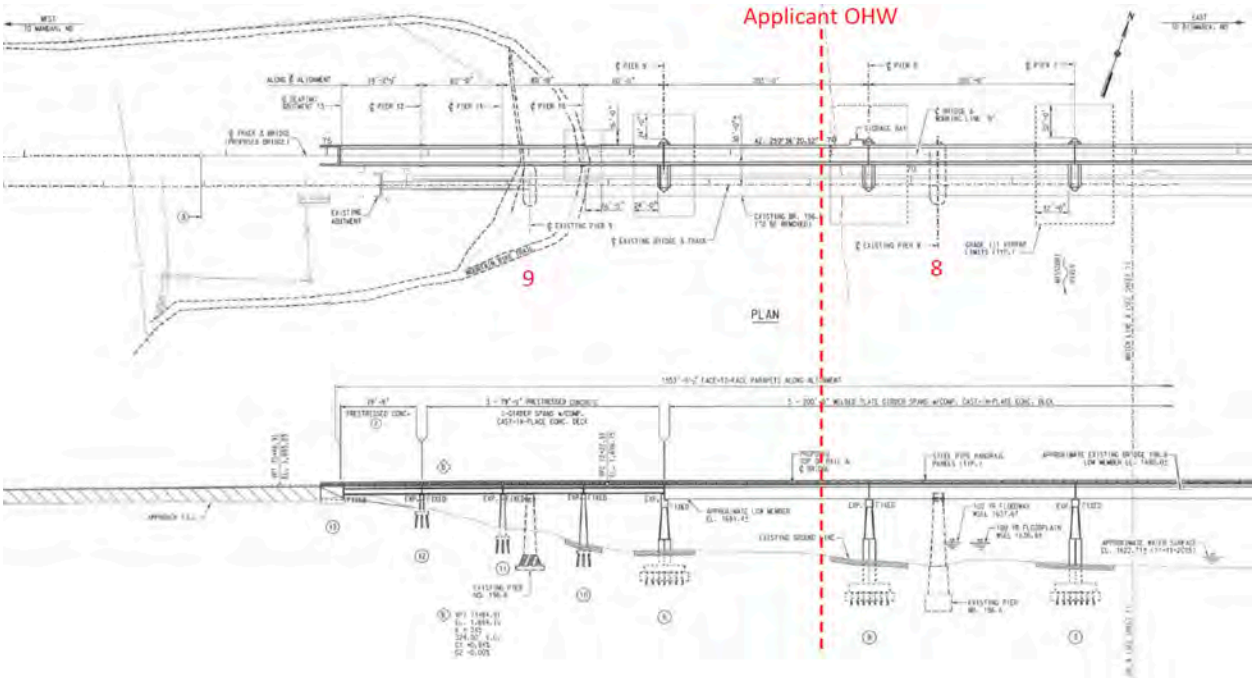


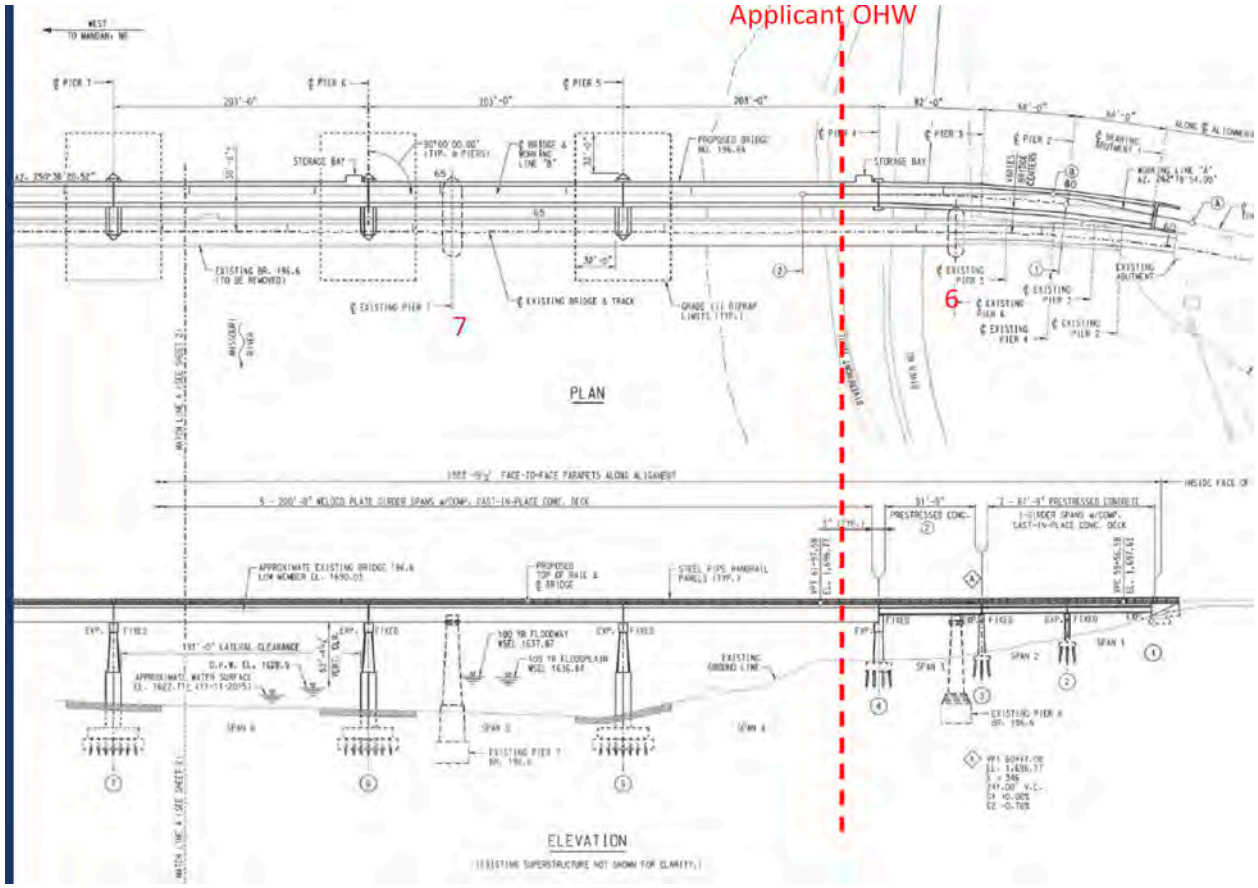
Figure 3. Hydrograph for U.S. Geological Survey streamgage 06342500 at Bismarck, North Dakota demonstrating the change in flood flows following the completion of the Garrison Dam.

The application appears to indicate that existing pier 9 on the west side of the bridge is not located on ND Sovereign Lands, with an estimate of OHW at approximately the red dashed line.

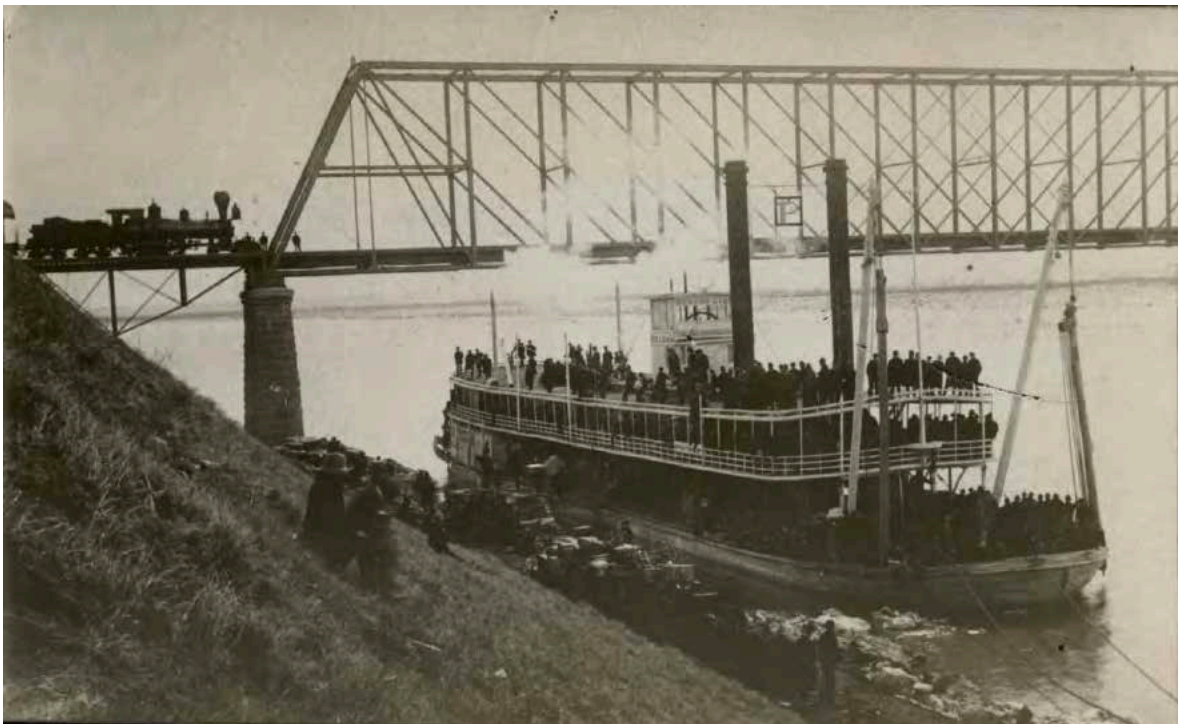


Shown below is just one of many historic photos of the bridge, this one in September of 1881, clearly showing pier 9 located on a sandbar. The written submittal provided by FORB includes many other photos and maps substantiating this fact.

The application appears to indicate that existing pier 6 on the east side of the bridge is not located on ND Sovereign Lands, with OHW estimated at approximately the red dashed line.



Shown below is one of many historic photos, this one from 1887, showing that existing pier 6 was in the water, so certainly below the OHW mark.



Using information such as the 1872 General Land Office survey map:

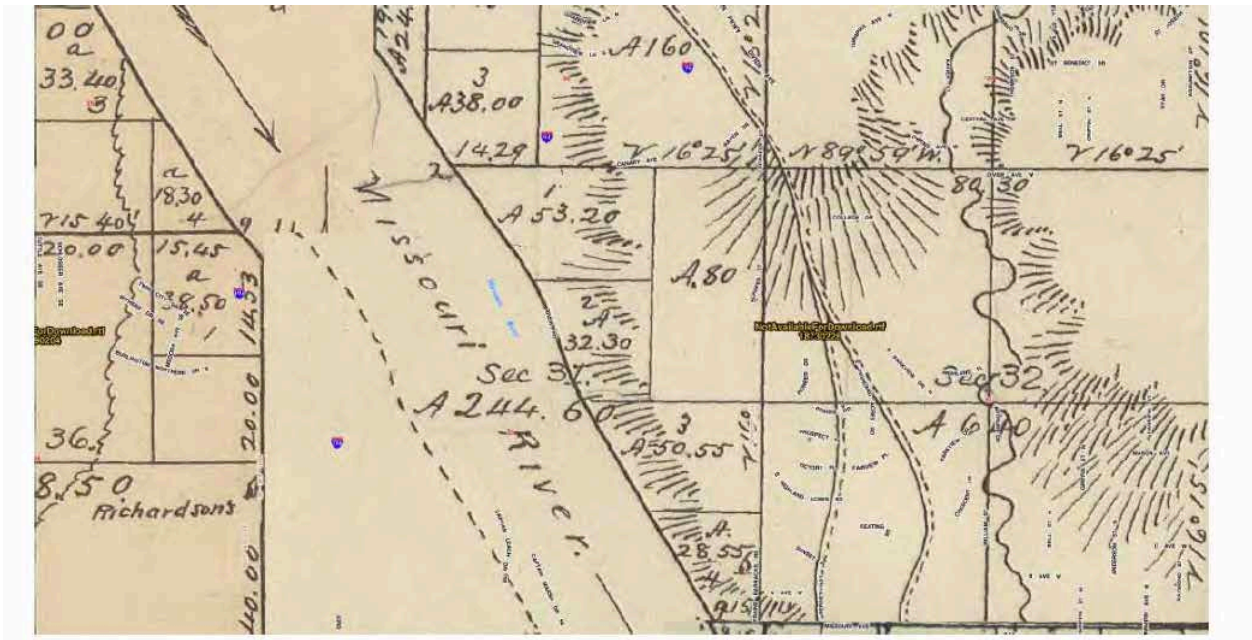


Figure 3: General Land Survey Map of Township 139 North, Range 80 West from Survey Conducted October 6-28, 1872 (survey.dwr.nd.gov).

as well as photos, and bridge construction records, the location of OHW can be fairly well estimated, as shown on the photo below from a published article written by State Geologist Ed Murphy.

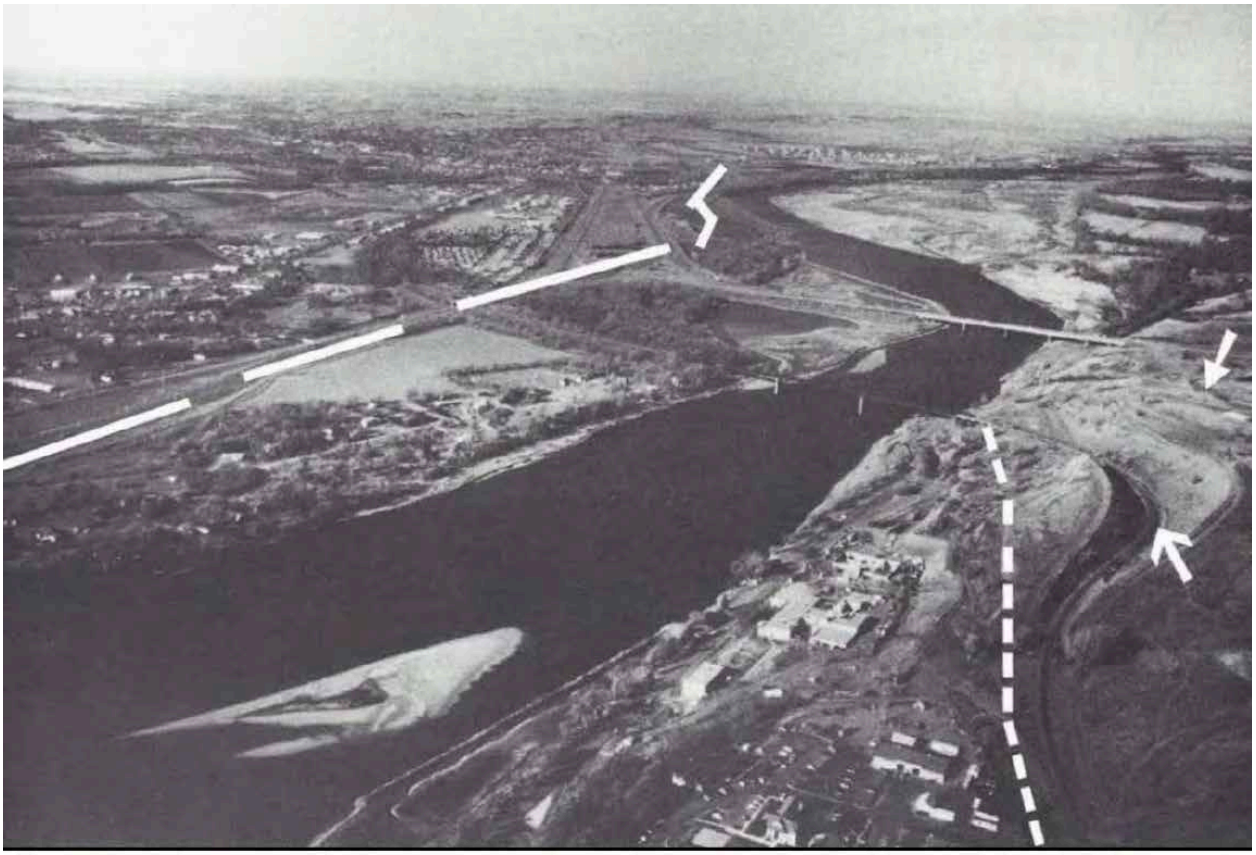


Figure 4: Aerial Photograph of the Missouri River, Taken Looking North Towards the Historic Bridge. White Lines Mark the Western Ordinary High-Water Line in the 1880s (taken from Murphy 1995).

The correct OHW extents at the time of statehood are shown on the map below,and include the entire historic bridge structure. Ownership of the bridge and the riverbed was transferred to the State of North at the time of statehood under the Public Trust and Equal Footing Doctrines (see FORB's April 4, 2022 memorandum). BNSF has never shown clear title to the Historic Bridge and should not be permitted to demolish this historic property.

CLAUDIA BERG

Department of Water Quality Public Meeting, March 3, 2023

As mentioned by the previous speaker, an example of a preservation project under NDCC 55-02-07, will provide many parallel examples between two historically significant properties, the Stutsman County Courthouse in Jamestown and the Rail Bridge crossing the Missouri River at Bismarck-Mandan.

Good morning, my names is Claudia Berg, Director Emeritus and former State Historic Preservation Officer with the State Historical Society. It is a pleasure to provide you with this very interesting story.

The Stutsman County Courthouse, built in 1883, the same year the Rail Bridge was completed, is North Dakota's oldest surviving courthouse and is listed on the National Register of Historic Places and State Historic Sites Registry. The Rail Bridge has also been nominated to the State Historic Sites Registry. The courthouse, designed by Henry C. Koch, a Wisconsin architect, is significant for its architectural style, one of only two county courthouses in the state in the Gothic Revival Style, and for its pressed metal interior, which covers the interior walls and ceilings of the building, the most complete collection of pressed tin in North Dakota and perhaps, the Midwest. The rail bridge was designed and built by George Morison, a nationally recognized rail bridge engineer. His design and building techniques for this bridge were revolutionary and like the courthouse, is still being used 140 years later. A testament to 1880s craftsmanship and modern-day tenacity and vision of local preservation groups.

Stutsman County Courthouse is the only remaining North Dakota building directly related to the activities of the 1880s statehood movement. Delegates to the State's constitutional convention were elected here and meetings were held in 1885 to discuss the division of Dakota Territory. The Stutsman County Courthouse truly is the birthplace of statehood. The Rail Bridge also holds historical significance, it was the linchpin for the much-needed river crossing at Bismarck and Mandan as part of the Transcontinental Railroad, it allowed the transporting of eastern cattle to western ND establishing ranching as a viable enterprise and immigrants embracing the Homestead Act. How different these two communities and the state would be today if this bridge did not exist. Attached are four presentations written by Tom Isern, University Distinguished Professor of History, NDSU, for his radio show *Plains Folk*. Isern gets to the core of the undisputable importance of this Rail Bridge.

Saving historic structures can be challenging. The courthouse served as the center of county government until the early 1980s when Stutsman County vacated the premises and attempted to demolish it in favor of a parking lot. Local citizens, under the name “Project 83,” rallied to save the building and after 15 years of legal battles, ownership of the old courthouse was transferred to the State Historical Society in 1991. Restoration efforts have been continuous since the 1990s. Friends of the Rail Bridge, FORB, now at five years, is in a similar situation with BNSF. In both cases, plans included building new structures next to the historic structures. New construction was warranted to meet growing needs at the courthouse and rail bridge - but- not at the expense of destroying the historical roots of a community, especially when alternatives were found for the courthouse and have been identified to prevent the destruction of the historic bridge.

Saving the historic Stutsman County Courthouse came to a head, after almost a decade of controversy, when an auction was planned to sell elements and contents of the old courthouse. The Stutsman County Commission tried to ignore state law regarding handling of state property of historical significance. Thus began the legal battle when NDCC 55-02-07 was invoked by the State Historical Board. The State Historical Board is currently scheduling a board meeting to discuss the State Registry nomination and the state law regarding historic preservation.

During this time, in 1984, Project 83 developed a study for adaptive reuse of the courthouse. In 2019 the *Historic Bridge Repurposing Feasibility Study* was conducted by NDSU to investigate and develop an adaptive reuse document, a document that clearly illustrates the possible future for the Rail Bridge.

In 1985 the Stutsman County Commission passed a resolution to move forward and demolish the old courthouse, and on June 6,1985 an appeal was filed with the ND Supreme Court. Months later the Court sided with the State Historical Board, but a stalemate continued regarding the old courthouse building. To condense years of discussion and compromise, it was in 1988 that ND Assistant Attorney General Sarah Vogel and Stutsman County Attorney General Wendy Schultz reached an agreement acceptable to both parties. The restored courthouse stands as a beacon today in the community of Jamestown as Stutsman County Courthouse State Historic Site.

To provide a concise history of the legal activity related to the Stutsman County Courthouse, attached is Superintendent James E. Sperry's excerpts from his annual reports from 1984-1988. (the chief administrative officer of the State Historical Society was changed from superintendent to director in 2000)

The ND Supreme Court decision on the Stutsman County Courthouse is:
https://law.justia.com/cases/north-dakota/supreme-court/1985/10963-2.html

A concluding comment: Why is it that BNSF is not willing to entertain an alternative design to their proposed bridge? They will still have their new bridge, which we have supported from the beginning. But- why is an alternative design that includes all the needs of BNSF and at the same time causes no harm and preserved the Rail Bridge not considered? For one of the richest corporations in the country, it is embarrassing to think their refusal to address the historical significance of the rail bridge, their community relationships and responsibilities and state law is outweighed because they just don't want to save the bridge. BNSF thinks ripping this bridge from the ND landscape is their prerogative, it is not.

As previous Stutsman County commissioners discovered, preserving the 1883 courthouse while building the new courthouse created a win-win solution for Stutsman County, the local community, state tourism and historic preservation and ND is better for it.

Stutsman County Courthouse Actions Fiscal Years 1984-1988

Compiled from Annual Reports
of the Superintendent
by James E. Sperry

Fiscal Year 1984 pages 40-41

State Historical Sites Registry

At the request of the preservation group, "Project 83," the State Historical Board considered and approved the nomination of the old Stutsman County Courthouse to the State Historic Sites Registry at their November meeting. Following completion of a new courthouse, the County Commission planned to demolish the old structure. The issue of preservation, which has been a controversial one for a number of years, was brought to a head when an auction including furnishings, fixtures, and building elements was planned for September. In accordance with Section 55-02-07 of the North Dakota Century Code, the Superintendent issued a statement of significance for the building and contents. The law requires that any such site or artifact owned by a political subdivision "shall be cared for, handled, protected, excavated, or stored under the direction of or in the manner prescribed by the superintendent of the State Historical Board." Following a meeting of the County Commission at which they refused to postpone the auction, a letter was delivered prescribing that no action be taken toward demolition of the structure until further notice and that an inventory of significant artifacts be withheld from auction.

Final action was taken at the February meeting of the State Historical Board with adoption of a formal "Findings of Fact and Conclusions of Law and Order." A request for a rehearing for consideration of placement of the courthouse on the State Historic Site Registry was presented to the State Historical Board by the Stutsman County Commission at the May meeting. The request was denied.

Fiscal Year 1985 pages 35, 43-44

The 1883 Stutsman County Courthouse proved a controversial issue for the North Dakota State Historical Board during the past year. On May 3, 1985, the board heard testimony from advocates and opponents of continued preservation of the state landmark. Among the many who spoke was Project '83 member Mary F. Young of Jamestown (r). Those listening to the public comments included (at table from left) Robert Bucholz, representing the State Engineer; Michael Geiermann of the Attorney General's staff; Superintendent James E. Sperry; board president Al B. Spielman of Fargo; Henry Wisness, representing the State Highway Commissioner; State Forester Robert Johnson of Fargo; Mabel Olson of Velva; Sheila Robinson of Coleharbor; Secretary of State Ben Meier; Pat DeForest of Bismarck; and Deputy Superintendent Robert Schlobohm. —*Photo by Todd Strand*

Stutsman County Courthouse

Action regarding the 1883 Stutsman County Courthouse was largely held in suspense due to litigation. Judge Robert L. Eckert of Wahpeton in February overruled the decision of the State Historical Board that placed the site on the State Historic Sites Registry. Project 83 continued to raise funds and a study funded partially by this agency determined potential adaptive uses for the building. In April, the Stutsman County Commission passed a resolution to demolish the courthouse. An appeal was filed by the state to the North Dakota Supreme Court. An order stayed the judgment pending a hearing and discussion on the merits. The case was heard on June 6, 1985, with Michael Geiermann, Assistant Attorney General, representing the agency. The results were pending at the end of the year.

Fiscal Year 1986 page 18

Stutsman County Courthouse

The saga of the Stutsman County Courthouse continued. The year began with the Supreme Court's ruling in support of State Historical Board authority to designate county-owned property to the State Historic Sites Registry and ended with the Board and County Commission at a stalemate.

Subsequent to the Supreme Court ruling, the Board received a quit-claim deed to the courthouse from the County Commission. The Board rejected the deed and returned it to the Commission. In addition to a concern over the Commission's legal authority to convey clear title, a reversion clause created development problems. At the same time it offered the deed, the Commission petitioned the Board to approve demolition of the courthouse. The Board rejected the petition on the grounds that the Commission had failed to explore alternatives to demolition adequately and to make an effort to preserve one of the state's premiere historic buildings. The Board instead proposed that an administrative agreement be entered into which would leave the building in county ownership but place the property development, management, and maintenance responsibilities in the hands of the Board. By June 1986, the Commissioners had not formally responded. However, several major donations for the preservation of the building were received from concerned citizens.

The North Dakota Association of County Commissioners, meeting in November, resolved to offer revisions to North Dakota's Historic Preservation laws during the 1987 legislative session. Being sought are amendments relating to the authority of the State Historical Board over sites owned by other governmental entities. The resolution was proposed by the Stutsman County Commission.

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Stutsman County Courthouse

The request for demolition of the Stutsman County Courthouse was considered at the November meeting of the State Historical Board. No action or review of the proposed administrative agreement submitted to the county commission was taken, nor were other alternatives explored. The alternative of acceptance of a quit-claim deed was discussed. The length of time of the reversionary clause and reference to restoration completion were not specific enough, and the question of authority to deed the property was questioned. The executive committee was asked to meet with the Stutsman County Commissioners to negotiate a quit claim deed with a mutually acceptable reversionary clause, a definition of required restoration, and a requirement that the county determine the value of the courthouse. The demolition request was denied.

The meeting between the executive committee and the county commission was held in January. Board concerns about the content of the offered quit-claim deed were discussed. A revised quit claim deed to the 1883 Stutsman County Courthouse was again presented to the Board at its May 1987 meeting. The provisions of the deed which were of concern to the Board were that it offered the building, not the land, and required a long-term renovation schedule; moreover, if the building were condemned, it would revert to the county, in which case the Board would agree to permit demolition. It was agreed that negotiation toward an acceptable deed would continue, and the Board decided to have a structural engineering analysis done prior to any decision.

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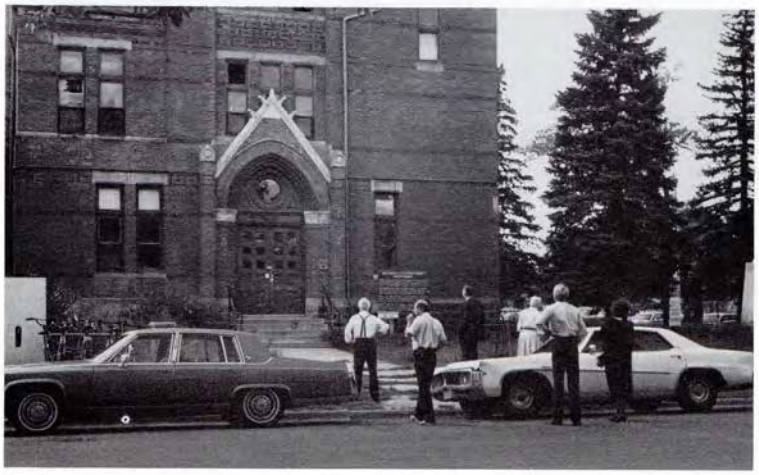
Former Stutsman County Courthouse

The State Historical Board voted to accept the quit claim deed to the former Stutsman County Courthouse at an August 28 meeting in Jamestown. Negotiation between Assistant Attorney General Sarah Vogel who represented the Board and Wendy Schultz, Stutsman County State's Attorney, finally resulted in an agreement acceptable to both parties. Phase I of the restoration activity requires general clean-up of the grounds, installation of a protective chain link fence, securing of doors and windows, removal of pigeons and the resulting debris including that deposited in the attic while the courthouse was still in use, and temporary roof and gutter repairs. At the end of the fiscal year, all of these steps had been completed and architectural work for stabilization was underway. While some success has been experienced with fund-raising, the total received is still far short of the amount needed. Federal Historic Preservation Grant funding of $20,323 was committed by the National Park Service for use in architectural planning for the rehabilitation of the building. A contract for architectural services was entered into with the Fargo firm, Michael J. Burns, Associates.



State Historical Board members visited the Stutsman County Courthouse, Jamestown, during the August meeting of the State Historical Board. Preliminary restoration activity has been completed and fund-raising has commenced for the 1883 courthouse.
Photo by Lou Hafermehl

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Plains Folk, by Tom Isern
The Northern Passage
Recorded 1/13/2021

The life and works of Theodore Roosevelt, which North Dakotans are determined to memorialize in Medora, are not without their ironies. Although generally remembered as a man of action, the vigorous life and all that, Roosevelt was indubitably a man of letters, the author of monumental works including the multi-volume *Winning of the West.*

As an author, TR's model was Francis Parkman, whose own multiple volumes celebrated the "struggle in the wilderness" that determined the fate of North America. Parkman, like TR but a generation earlier, came west for adventure as well as knowledge. "Here society is reduced to its original elements," Parkman declares (although in my mind I hear the words in Roosevelt's tenor), "the whole fabric of art and conventionality is struck rudely to pieces, and men find themselves suddenly brought back to the wants and resources of their original natures."

Parkman and Roosevelt alike, too, understood the significance of passages, personal and physical. Parkman marked the passage by which Anglo-American humanity punched through to the wilderness at South Pass. For Roosevelt a generation later, that passage was the Northern Pacific Railroad Bridge spanning the Missouri River at Bismarck.

Without which, nothing, or not much anyway. Without the NP bridge, no capital at Bismarck, possibly no state of North Dakota. No open-range cattle industry on the northern plains. No President Theodore Roosevelt, since he himself declared that if not for his experience here, he never would have been president.

The historian Lounsberry dates the beginning of ranching in the Badlands to 1881 with the importation of 200 eastern cattle and the establishment by Wadsworth and Hawley of the Maltese Cross--the outfit they soon would sell to Roosevelt. I presume these were

Shorthorns and that they crossed the Missouri River on the ice, or by rail on the ice-bridge at Bismarck. Longhorns were regarded as inferior by this time; eastern cattle, and eastern connections, were required. Which materialized with completion of the NP bridge in October 1882. Cattle, blooded cattle, sometimes called "states cattle," poured across, and with them, cattlemen with pedigrees of their own.

Roosevelt, with his hunting expedition of 1883--made possible by the bridge, since he arrived by the NP railroad--illustrates the connection between the tourist industry (also established by virtue of bridge completion in 1882) and the cattle business. He was preceded by a few months by the Marquis de Mores.

We know much of the early activities of these fellows through reports published in the *Bad Lands Cow Boy*, the editor of which, Arthur T. Packard, was able to bring a printing press to Medora because the NP had bridged the Missouri. In the *Cow Boy* I read, for instance, of Roosevelt's receipt of "fifteen hundred head of states yearlings and two's for his Elkhorn and Chimney Butte ranches" in May 1885. Issue after issue, too, displays the placement of registered brands on drawings of cattle that are definitely not Longhorns.

Roosevelt arrived too late to observe the astonishing construction techniques deployed by the engineer who built the bridge, George Shattuck Morison. These have been documented in fascinating fashion for *North Dakota History* by the geologist, Edward C. Murphy. We do not know whether Roosevelt learned about Morison's work in the 1880s, but we do know--by virtue of the research of Curt Eriksmoen--that Morison went on to become the most distinguished bridge-builder in America--and that it was he, with his work on the Panama Canal commission, who convinced Roosevelt to build the canal in Panama.

Roosevelt loved technology, and he loved antiquities, and he believed in bold executive action. The Northern Pacific bridge at Bismarck needs a Teddy Roosevelt today. Where will we find one?

Plains Folk, by Tom Isern

Bully for Antiquities

Recorded 2/2/2021

Everyone says they are zoomed out on videoconferencing, but there can be good experiences with it. Recently it was my pleasure to spend a virtual afternoon with a cadre of bright architecture students who are working on projects related to the proposed Theodore Roosevelt library in Medora. My job was to familiarize them with the historic context of the area--the Battle of the Badlands, the open-range cattle industry, and of course, Theodore Roosevelt's Badlands experience, including his resulting penchant for conservation.

Also included were some episodes that were less savory, such as TR's tendency to be full of himself and his contempt for the first peoples of the land. My general assessment was, TR was an American hero, but don't try to make him into a saint.

Although we come pretty close to that here in North Dakota. Our highest state award for a citizen is the Theodore Roosevelt Rough Rider Award. Interestingly, in its explanation of the award, the office of the governor notes, "Roosevelt vigorously championed the conservation of America's scenic, natural and historical resources."

As the scholar Francis P. McMannon has chronicled, TR was a proponent of the Antiquities Act of 1906, in fact, "was instrumental in enacting this statute." He signed the act, after which he used it "actively and effectively."

Archeologists, curators, and informed citizens got concerned about the preservation of antiquities in the nineteenth century out of particular concern for archeological sites in the Southwest, which were being plundered by profiteers. The preservation movement soon broadened to encompass historic structures and historic sites, in particular, Civil War battlefields.

A prominent voice of preservationist concern was that of Francis Parkman, the American historian--who was a literary hero to Roosevelt, himself the author of a four-volume epic, *The Winning of the West.* Roosevelt supported congressional developments toward passing an antiquities act, and an episode in 1903 crystallized his thoughts.

In the course of a western tour that year, TR paid a visit to the Grand Canyon and, perched on its South Rim, gave a speech. He exhorted the people of Arizona "to keep this great wonder of nature as it now is," and he praised the Santa Fe Railroad for not building its hotel on the very rim of the canyon and thus bespoiling it. Unfortunately, other capitalists were less restrained; one projected a trolley line topping the South Rim. This was why in 1908, Roosevelt used the presidential power conferred on him by the Antiquities Act to declare the Grand Canyon a National Monument. The situation called for decisive executive action.

Roosevelt created quite a few national monuments, the first one being Devils Tower, in 1906. Which brings us back pretty close to the Badlands, the hearth of TR's conservationist impulses.

And it prompts from me the question--always a good one to ask, when faced with a matter of conservation--the question, "What would Teddy do?" I mean, what would Teddy, the admirer of Francis Parkman, the historian of the American West, the ardent exponent of the Antiquities Act--do about the current situation in North Dakota, as the Burlington Northern Santa Fe Railway Company--a lineal descendant of the Santa Fe Railroad, which TR praised in 1903--contemplates, indeed chafes for, the demolition of one of our most salient and significant historic structures: the Northern Pacific Railroad Bridge over the Missouri River, a bridge our state department of tourism has adjudged "iconic." Had there been no such bridge completed in 1882, there would have been no Roosevelt in the Badlands in 1883.

I think I know the answer to my question.

Plains Folk, by Tom Isern
Caisson Disease
Recorded 2/17/2021

The self-taught engineering genius behind the construction of the Northern Pacific Railroad Bridge (completed 1882) spanning the Missouri River at Bismarck was George Shattuck Morison. "At the time of his death on July 1, 1903, at the age of sixty-one," the geologist and historian Edward C. Murphy writes, "Morison was regarded by many to be the leading bridge engineer in America, if not the entire world."

Read Murphy's article in *North Dakota History*; study Morison's own report to the NPRR, which you can find online or browse in person at the state archives; examine his signed drawings of the design and details incorporated into the report; go out and have a look yourself at the elegant and durable structure still in service at the heart of North Dakota; and you have to agree with Murphy's assessment, perhaps even drop the qualifiers: Morison is the greatest bridge-builder in American engineering history.

Perhaps I ought not to mention this, since I serve a university that trains engineers in droves, but here it is: Morison never studied structural engineering formally. He learned it on the job. He was a liberal-arts grad with a law degree from Harvard. He could read and write, he could execute drawings, he could see the big picture, and he could reason out problems and solve them. He was the perfect exemplar of Gilded-Age engineering.

And we have the perfect example of his genius and craft right here in the middle of the Flickertail State. If we can keep it.

As one of those fuzzy-headed liberal-arts grads who lacks the free-ranging acuity of a guy like Morison, I can understand just enough of his exhaustive report to see what he is trying to do, and I confess, I really

like the pictures. The most gripping image he renders is Plate 10, "Showing process of sinking the caisson."

When you look at the bridge today, your eye is drawn to the great stone piers on which the iron and steel elements rest. They are impressive stone work, but the granite sits atop massive concrete foundations that were poured deep underwater. This was accomplished--the river gravel vacuumed out, forms emplaced, concrete inserted--through the use of pneumatic caissons, pressurized chambers in which men worked at, or below, the bottom of the Missouri River!

This was a fairly new technology, and there were hazards, so now perhaps we should shift our attention from the engineering genius to the situation of the poor blokes laboring at the bottom of these caissons--as graphically depicted by Plate 10. The *Tribune* described their situation: "The workmen will descend to the working chamber through cylinders of iron, provided with iron ladder rounds. Before entering these, two iron doors have to be passed through, which fit their casings of iron and rubber air tight. A chamber separates these, and one door cannot be opened until the other is closed."

The air pressure in the caissons had to be raised and lowered for the convenience of handling materials, and laborers had to descend and ascend, so that they were subject to what was known as "caisson disease"--what deep-sea divers call "the bends."

Morison does not deal with this difficulty, leaving us to think there were no such problems on his project--but Murphy the historian and I are skeptical. The genius of Gilded-Age engineering did not extend much into the realm of worker safety or any other kind of concern for workers. Instead, Morison disparaged the quality of his workmen and wondered in print why they kept quitting the project.

There is historic engineering to view, and there are blood and tears to remember, too, at the site of this bridge. We should keep it.

Plains Folk, by Tom Isern
Matching Wits with FITs
Recorded 2/17/2021

Being a professional historian, an inveterate traveler, and an ardent exponent of life on the plains, I have a longstanding interest in heritage tourism--especially heritage tourism of a particular kind. In the twentieth century a distinctive profile emerged for that wily tourist known as the "independent traveler." Lately a new acronym has emerged in the trade literature--FIT, which means Free Independent Traveler. I like it.

Lay aside your conceptions of tourism as something that operates with charter buses, cruise ships, packaged tours, or group things of any sort. To pull in custom today, you have to match wits with the FITs.

Which are, what, exactly? The free independent traveler has some common characteristics:

- FITs write their own itineraries. They don't like packages or linear journeys.
- They are tech-savvy masters of digital communications.
- They travel on their own, often by personal vehicle.
- They are adventuresome and open to unexpected things.
- They have disposable income, quite a bit of it.
- They respect places and communities, because they love them.

Let me reiterate those last two things. FITs have money, and they are good guests. These are the tourists you want.

And what do they want? It's not that complicated.

1. Real things in real places. Not waterslides, or whatever you may be thinking about building for them. Instead, identify, preserve, and market the good things you already have.

2. Stories. This is Advertising 101, really. To promote an attraction or experience, you have to attach narrative to it. Preferably true narrative. Nor do you have to dumb it down. Layered, rich narratives are good.
3. Active and interactive experiences. Things you can touch, climb on, experience in tactile and sensory ways.

Like, I don't know, perhaps the historic Northern Pacific Railroad Bridge spanning the Missouri River at Bismarck?

The old NP bridge is a real thing with a powerful sense of place. In fact, it is essential to that Missouri-valley sense of place that defines the twin towns of Bismarck and Mandan. FITs can get into this.

Especially if you tell the story, or stories. The stories of George Shattuck Morison, the greatest bridge-builder in American history; of the hard-working blokes who went down in the caissons, sank the foundations, laid the stone, did all the hard work and experienced all the perils of making this real thing palpable; of Theodore Roosevelt and all the other venturesome cattlemen who poured across the bridge with their beasts to invest the Badlands and the whole northern plains; and a hundred other narratives stacked like pancakes.

As for interactive experiences, that part is a slam dunk. People keep talking about a "pedestrian bridge" after the BNSF takes its engines and trains off. That's not the right word at all, "pedestrian." This bridge is a platform for experience and engagement. Find a word that says that.

Oh, and one more thing. We keep referring to the historic bridge as "endangered." Like it is some sort of liability. It is, rather, a resource, and more than that, an opportunity. "It is not often that a man can make opportunities for himself," Roosevelt wrote in his autobiography. "But he can put himself in such shape that when or if the opportunities come he is ready." Are we FIT for it? Once again, what would Teddy do?