

Rex Whitton Expressway
U.S. 50/63
Jefferson City, Cole County, Missouri

FINAL
Section 4(f) Evaluation

MoDOT Job No. J5P0820B

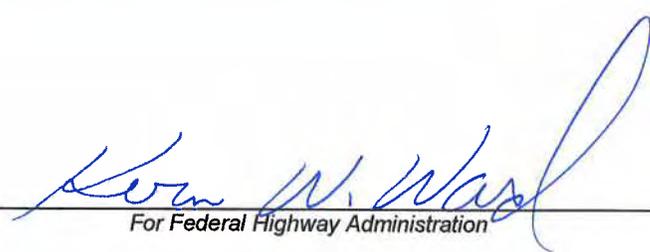
Submitted Pursuant to 42 U.S.C. 4332 (2) (c)
and 49 U.S.C. 303

by the

U.S. Department of Transportation, Federal Highway Administration
and
Missouri Department of Transportation

12/14/10

Date of Approval


For Federal Highway Administration



Chapter 6 - Section 4(f) Evaluation

What is in Chapter 6?

Chapter 6 focuses on the Section 4(f) process as it pertains to this project. It evaluates the proposed project alternatives for the Whitton Expressway study corridor and their potential effect on parkland and historic properties.

The project's prison access alternatives affect the following Section 4(f) resources:

- One individually listed historic property – Lincoln University President's House;
- One historic district – Craftsman/Monastery Eligible District (eligible); and,
- Two public parklands – Park Place and the City's Greenway Trail.

The historic resources discussed in this chapter are those that the study team identified from the historic survey as eligible for the NRHP and that the project is anticipated to result in an adverse effect upon. **Exhibit 6-1** displays the location of each resource. Extensive planning efforts to avoid and minimize the project's effect are addressed in this chapter as well as potential mitigation for the resource impacts.

What is the 4(f) process?

The Section 4(f) legislation, as established under the U. S. Department of Transportation Act of 1966 (49 USC 303, 23 USC 138) provides protection for publicly owned parks, recreation areas, or wildlife and/or waterfowl refuges of national, state or local significance or an historic site of national, state, or local significance from conversion to transportation usage. Section 4(f) also applies to all archaeological sites on or eligible for inclusion on the National Register and which warrant preservation in place. The FHWA may not approve the use of publicly owned land or a publicly owned park; recreation area; wildlife and waterfowl refuge of national, state or local significance; or a historic site of national, state or local significance unless a determination is made that:

- There is no feasible and prudent alternative to the use of the land from the property; and

- The action includes all possible planning to minimize harm to the property resulting from such use (23 CFR 771.135).

Section 106 of the National Historic Preservation Act of 1966 requires that FHWA take the effects of federally-funded and permitted projects on historic properties into account, to coordinate these effects with the staff of SHPO and interested parties, and to avoid or mitigate any adverse effects on historic properties. Further, Section 106 requires that FHWA give the Advisory Council on Historic Preservation a reasonable opportunity to comment on such actions. Section 106 applies to properties that have been listed in the NRHP, properties that have been determined to be eligible for inclusion in the National Register, and properties that may be eligible but have not yet been evaluated. If a property has not yet been listed to the National Register or determined eligible for inclusion, it is the responsibility of the Federal agency involved to ascertain its eligibility, following procedures spelled out in Advisory regulations ((36CFR800.4(c)), where the procedures and appropriate National Register regulations are cited.

The National Register of Historic Places Criteria for Evaluation is found in 36 CFR 60.4. The criteria includes the quality of significance in American history, architecture, archaeology, engineering, and culture is present in districts, sites, buildings, structures, and objects that possess integrity of location, design, setting, materials, workmanship, feeling, and association and:

- (A) that are associated with events that have made a significant contribution to the broad patterns of our history; or
- (B) that are associated with the lives of persons significant in our past;
- (C) that embody distinctive characteristics of a type, period, or method of construction or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction, or
- (D) that have yielded, or may be likely to yield, information important in prehistory or history.

What is the proposed action?

As noted in Chapter 1 of this EIS, MoDOT and FHWA are proposing to make modifications to existing portions of the Whitton Expressway in Cole County, Missouri. For the proposed action, the defined Whitton Expressway study corridor consists of a western terminus located at Bolivar Street with an eastern terminus of the study corridor at the Eastland Drive interchange and from 300 feet south of Whitton Expressway to McCarty Street on the north. The EIS also examined access to the MSP site, located north of McCarty Street. The study corridor encompasses those areas that most directly affect downtown Jefferson City and the prison redevelopment site. The EIS process concluded that the Preferred Alternative would consist of Mainline Alternative 6, the Madison Overpass, coupled with prison access Alternative G, Lafayette Full Interchange with Clark Realignment. This is the proposed action for this 4(f) statement.

What Section 4(f) resources does the project affect?

Lincoln University President's House property

The Lincoln University President's House property (601 Jackson Street) was listed on the NRHP for Criterion C on May 12, 2009. See **Exhibit 6-1**. The Lincoln University's President's House, a limestone building, was constructed in the Williamsburg Style in 1913. There are three outbuildings and a structure associated with this residence. The first is a one-story garage that was constructed at the same time as the original residence. The second outbuilding is a modern shed. The third outbuilding is a small, pyramidal roofed building that is constructed out of the same limestone as the original residence. This building appears as though it is for outdoor use, as it only has two walls; the western and southern walls are not extant. This corner of the building is instead supported by a limestone pier. The building constructed at the same time as the original residence, sits on top of an old well that was used during the Civil War. Hugh Stephens, the original owner of the house, had the well covered over and the small building or "well house" constructed for safety reasons. In its original location – the well house was constructed at the same time as the main residence and covers a historic well – this building is a contributing element to the property's NRHP eligibility. The structure associated with the residence is a limestone wall that runs along the northern edge of the property. This wall was built at the same time as the original residence, and is constructed out of the same limestone that was used on all of the original buildings. As it is in good condition, is in its original location, and associated with the main residence, this wall is a contributing element to the property's NRHP eligibility. In the event that the well house and wall are impacted, the well house and remaining stone wall adjacent to it will be relocated and reconstructed if they cannot be avoided in the design process. The Memorandum of Agreement for Mitigation of Adverse Effects also stipulates photo documentation of the affected stone well house and wall and a site plan showing the original relationship each had to the house and other contributing resources.

Craftsman/Monastery District

The Craftsman/Monastery District consists of four properties located on Lafayette Street just north of Whitton Expressway (See **Exhibit 6-1**). The district contains four buildings that were constructed at the same time in an identical Craftsman style. This district contains buildings that possess social as well as historical and architectural significance. The district is located within the area that was the "Foot" neighborhood of Jefferson City—a historically African American neighborhood with close ties to Lincoln University. Several important individuals resided in these homes, including Lorenzo Green and Cecil Blue, both Lincoln University professors and prominent

members of the African American community. This district is important because it was part of the “Foot” neighborhood. The “Foot” was a traditionally African-American neighborhood centered near Lincoln University. This portion of what was the “Foot” is now part of the Central East Side neighborhood. The property is eligible under Criterion A, B and C. The period of significance for this district under Criterion A would be from circa 1930 to the early 1960s, after the construction of Whitton Expressway and under Criterion C circa 1915.

Park Place

Park Place, as displayed in **Exhibit 6-1**, is a park located over two parcels south of Park Avenue, east of Pine Street, west of Olive Street and separated by Center Street. Park Place is an approximately 0.7 acre site. The site is surrounded by residential properties. There is a playground on the west portion of the park. There is a half-basketball court on the western end of the east portion. East of the basketball court is an open turf area which is used for informal activities. Access to Park Place is available from Park Avenue, Pine Street, Olive Street and Center Street.

Jefferson City Parks and Recreation owns the facility. Jefferson City Parks and Recreation operates 15 parks. The park facilities include a wide variety of recreational facilities and specialized attractions such as an overlook of the Missouri River. Six of these parks are considered neighborhood parks, including Park Place.

East Branch – Greenway Trail

The portion of the East Branch Greenway Trail that passes through the study area runs from Elm Street to McCarty Street and follows a channeled portion of Wears Creek. As displayed in **Exhibit 6-1**, the trail runs underneath Whitton Expressway and runs north to McCarty Street. Construction was completed on this portion of the trail in May 2008. In addition to general bicycle and pedestrian use, the trail is used as an educational/fitness resource for Lincoln University. The trail is intended, in part, to help eliminate the perceived barrier between the neighborhoods and parks on opposite sides of Whitton Expressway. The East Branch can be accessed from Elm, Miller or McCarty Streets.

The Jefferson City Parks and Recreation Department operates the Greenway Trail. The various properties that the East Branch follows are owned by either the Jefferson City Housing Authority or the Parks and Recreation Department. The East Branch connects to a piece of the Greenway Trail that runs through Myrtle, Smith and Livingston Park and Community Park. Other connections to the East Branch are planned but have not been constructed.

How does the project affect these Section 4(f) resources?

This section includes a description of the impact of the project on each of the Section 4(f) resources listed above. There are no constructive use impacts from this project. To see the impacts of the Preferred Alternative on each of the resources see **Exhibit 6-1**.

How is the Lincoln University President's House property affected?

The improvements to Whitton Expressway would directly impact contributing elements of the Lincoln University President's House property (601 Jackson Street). A small outbuilding or "well house" and limestone wall at the northern edge of the property could be affected by benching of the existing rock cut that faces the expressway. This rock benching is needed to address safety and maintenance concerns. The well house and remaining stone wall adjacent to it will be relocated and reconstructed if during the design process it is determined that they cannot be avoided. The No Build Alternative would not affect the Lincoln University President's House property.

What effect does the project have on the Craftsman/Monastery District?

The No Build Alternative would not require the acquisition of additional right of way at Lafayette Street and would not affect the Craftsman/Monastery District. The Preferred Alternative would require the displacement of all four properties making up the Craftsman/Monastery District. The District would be impacted by the northwest ramp of a new Lafayette interchange, requiring the full acquisition of these parcels and demolition of all four of the contributing buildings.

How is Park Place affected by the project?

The No Build alternative would not require the acquisition of additional right of way along Olive Street and would not affect Park Place. The Preferred Alternative would impact 0.07 acres of the park's 0.7 acres. The realignment of Clark Avenue requires this portion of Park Place in order to avoid the residences on the east side of Olive Street.

How is the East Branch – Greenway Trail affected by the project alternatives?

The No Build alternative would not require the impacts to the East Branch. The Preferred Alternative would require the temporary closure of the East

Branch of the Greenway Trail during construction of the new Lafayette Street interchange. Once construction is complete the East Branch would reopen.

Could the Section 4(f) resources be Avoided?

The Preferred Alternative consists of an interchange at Lafayette and a realignment of Clark Avenue. Both the half- and full- interchange alternatives at Lafayette Avenue would impact the Lincoln University President's House property and the Craftsman/Monastery District. The Clark Realignment portion of the Preferred Alternative would have an impact to Park Place. The only true avoidance alternative would be a variation of the Clark Realignment option. The variation, the Clark Avoidance option, would shift the realignment to the east to avoid Park Place Park. The Avoidance Alternative is shown on **Exhibit 6-2**. To see how the Avoidance Alternative compares to the other alternatives see **Exhibit 6-3**.

The Avoidance Alternative performs well in some respects. It manages to avoid Section 4(f) resources while still providing access to the prison. However, the Avoidance Alternative does not provide direct access to the prison redevelopment site's initial phases of construction. The initial phases of the redevelopment occur at the prison's "front door" at Lafayette Street. The Avoidance Alternative does not provide access to Lincoln University and Jefferson City High School. Meeting these access needs are elements of the Purpose and Need. This prevents the Avoidance Alternative from being a feasible and prudent alternative.

The Preferred Alternative offers the most direct and best access to the prison redevelopment site, Lincoln University and Jefferson City High School compared to the other Prison Access Alternatives. The Prison Redevelopment Authority considers Lafayette Street to be the site's front entrance and the realigned Clark Avenue would tie in with the site's internal street system at the southeast corner. The benefit of the Lafayette interchange is that it also provides direct access from Whitton Expressway to the campus of Lincoln University and Jefferson City High School.

The Preferred Alternative is most compatible with local planning efforts such as the Central East Side and MSP Redevelopment's Framework Plan. It provides the most direct access to the prison redevelopment site. The Lafayette Interchange is supportive of the new infrastructure identified in the Central East Side Plan. It also supports the neighborhood plan's recommendation for addressing the traffic capacity and operational concerns of Whitton Expressway as they relate to traffic operations throughout the neighborhood. The Central East Side Plan has also identified some of the impacted properties for redevelopment and the Preferred Alternative fits within these plans. These potential improvements were expected to not only satisfy the demands of neighborhood traffic, but also to manage the traffic volumes associated with the proposed prison redevelopment project located adjacent to the northeast side of the Central East Side Neighborhood.

There appear to be no feasible and prudent alternatives to impacting the well house and wall associated with the Lincoln University President's House and the Craftsman/Monastery District. There appears to be no feasible and prudent alternatives to avoid the impact to Park Place, or the temporary impacts to the East Branch.

What measures are available to minimize the impacts of the project on Section 4(f) resources?

Architectural Resources

The measures to minimize harm include agreement among the SHPO, ACHP and FHWA through the Section 106 process. Photographic and other records would be supplied with additional documentation. Although the documentation effort does not avoid an adverse effect, it does result in mitigating the adverse effect. Procedures for determining the level of documentation necessary for each resource are included in the Memorandum of Agreement, which is located in **Appendix 4f-A**.

Park Place

Mitigation options to minimize harm to Park Place include replacing the impacted 0.07 acre on two of the adjacent sites that are being acquired by the project as well. This would replace the open turf area adjacent to the existing park with nearly 0.2 acres of land which is more than twice the area impacted. There appear to be no feasible and prudent alternatives to impacting Park Place. Impacts to Park Place have been minimized to the extent possible and mitigation measures developed that do not adversely affect the activities, features and attributes that qualify the resource for protection under Section 4(f).

East Branch – Greenway Trail

The new ramps for the Lafayette interchange will be on structure so that the East Branch Trail can continue to cross under Whitton Expressway. The trail will be maintained at its current location to continue to provide bicycle and pedestrian access. During the temporary closure of the East Branch, a detour along Elm Street west from Lafayette Street to Jackson Street and north along Jackson Street could be signed and maintained for bicyclists and pedestrians wishing to get from one side of Whitton Expressway to the other.

All efforts to minimize impacts will be taken for all 4(f) resources.

Coordination

A meeting was held with the City of Jefferson Public Works Commission on July 24, 2008 to discuss the impacts to Park Place and the proposed mitigation. Because this portion of the project is expected to be managed by the City, the Commission approved the proposed mitigation pending approval by the City of Jefferson Parks and Recreation Commission. A Parks and Recreation Commission meeting was held on August 12, 2008 where the Whitton Expressway EIS was an agenda item. The impacts to the park and proposed mitigation were discussed. Following the meeting the public was given an opportunity to comment on the impacts and mitigation for Park Place. Documentation of this coordination can be found in **Appendix 4f-B**.

DISCLAIMER:

Preliminary- May Be Changed, Subject to Further Evaluation

Data represented on these plates was derived from a variety of sources and is subject to the accuracy of the original sources



Legend

- Construction Limit
- Alternative Markings
- Retaining Wall or Median
- Bridge
- Property Lines
- NRHP Historic District
- NRHP Listed Property

Recommended Eligible NRHP

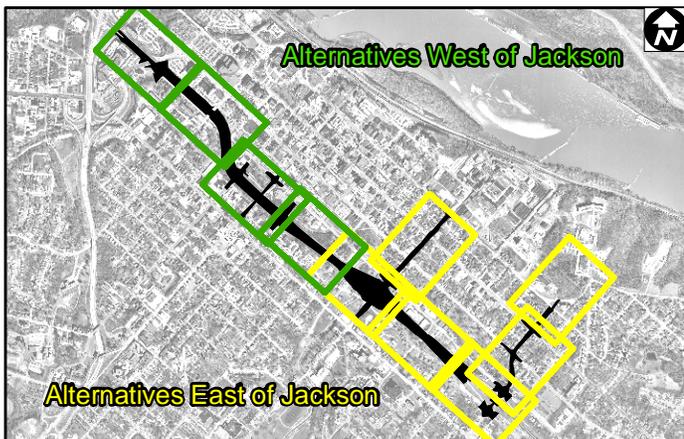
- Property
- District
- Parks
- 100Yr Floodplain
- Stream

Buildings Impacted

- Commercial
- Multi - Family
- Single - Family
- Institution
- Out Building
- Vacant
- University Structure

Parcels Impacted

- Commercial
- Multi - Family
- Single - Family
- Institution
- Parking Lot
- Vacant Lot
- Park/Recreation



**Whitton Expressway
 Environmental Impact Statement
 ALTERNATIVE PLATES**

**Exhibit 6-1
 Legend**

Exhibit 6-4: Memorandum of Agreement



Appendix 4f-A

Memorandum of Agreement

CCO Form:
Approved: 4/09 (ASB)
Revised:
Modified:

**MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION, FEDERAL
HIGHWAY ADMINISTRATION, AND MISSOURI HISTORIC PRESERVATION OFFICE
MEMORANDUM OF AGREEMENT
FOR MITIGATION OF ADVERSE EFFECTS**

HISTORIC PROPERTIES: Lincoln University President's Home, Craftsman/Monastery Historic District, cultural resources survey at properties with denied access, and yet undesignated cultural resources found to be historic properties.

UNDERTAKING: Improvements to the Whitton Expressway (US Highway 50/63), including an overpass at Madison Street, a new interchange at Lafayette Street, and realignment of Clark Avenue, Missouri Department of Transportation Job Number J5P0820B, Jefferson City, Cole County.

STATE: Missouri.

AGENCY: Federal Highway Administration.

WHEREAS, the Federal Highway Administration (FHWA) has determined that the improvements to the Whitton Expressway will have an adverse effect upon the Lincoln University President's Home and the Craftsman/Monastery Historic District, which have been determined eligible for inclusion to the National Register of Historic Places (NRHP), and has consulted with the Missouri State Historic Preservation Office (SHPO) pursuant to the regulations (36 CFR Part 800) implementing Section 106 of the National Historic Preservation Act (16 U.S.C. 470f); and

WHEREAS, access to some properties, for the purposes of cultural resources survey, was denied, leaving areas with unknown resources and the potential for historic properties. Areas that were not surveyed are identified in the technical reports for *Architectural Survey of the Proposed Improvements to the Rex Whitton Expressway, Jefferson City, Cole County, Missouri*, and *Archaeological Survey of the Proposed Improvements to the Rex Whitton Expressway, Jefferson City, Missouri*. Copies of the technical reports are on file at the SHPO and the Historic Preservation Section of MoDOT; and

WHEREAS, the consulting parties agree that the full impacts of the Whitton Expressway undertaking on archaeological resources cannot be determined until the final design has been completed; and

WHEREAS, the Advisory Council on Historic Preservation (ACHP) has been invited to participate in this Memorandum of Agreement (MOA); and

WHEREAS, the Missouri Highways and Transportation Commission (MHTC), acting by and through the Missouri Department of Transportation (MoDOT), has been invited to concur in this Memorandum of Agreement (MOA); and

NOW, THEREFORE, FHWA and the SHPO agree that the undertaking shall be implemented in accordance with the following stipulations.

STIPULATIONS

FHWA will ensure that the following measures are carried:

1. As mitigation for the adverse effects to this project to the Lincoln University President's Home, the MHTC, acting by and through MoDOT, will develop documentation to the following specifications:
 - a. 8X10 inch black and white photographs printed on archival paper of the affected stone well house and wall. Photographs will be prepared and labeled to NRHP standards.
 - b. A site plan showing the original relationship between the well house, wall and other contributing resources on the parcel shall be created.
 - c. The well house and wall shall be relocated on the Lincoln University President's Home property to a location outside of the projects impacts.

A copy of the final documentation shall be provided to the SHPO, Lincoln University, and the Missouri River Regional Library within 5 years after resources are affected. Additional copies shall be provided to the appropriate local historical societies, and retained by MoDOT.

2. As mitigation for the adverse effects of this project to the Craftsman/Monastery Historic District:
 - a. 8X10 inch black and white photographs printed on archival paper, showing streetscapes of the historic districts and the main facades of each of the adversely affected buildings. Photographs will be prepared and labeled to NRHP standards.
 - b. A site plan shall be prepared for the historic district showing all the contributing elements of the historic district.
 - c. A historic context for the development of the historic district, sufficient to explain its significance will be prepared.
 - d. A written architectural description of the historic district will be prepared.

A copy of the final documentation shall be provided to the SHPO, Lincoln University, and the Missouri River Regional Library within 5 years after resources are affected. Additional copies shall be provided to appropriate local historical societies, and retained by MoDOT.

3. Prior to construction of improvements related to the undertaking, the following measures will be carried out in consultation with the SHPO to evaluate the effects of the proposed undertaking on all NRHP-eligible archaeological sites and to resolve adverse effects that cannot be avoided.
 - a. The FHWA shall ensure that a reasonable and good faith effort is made to identify and evaluate archaeological sites that may be present within those portions of the area of potential effects (APE) that have not previously been surveyed. Identification efforts will be conducted in a manner consistent with the SHPO guidance and the *Secretary of the Interior's Standards and Guidelines for Identification* [48 Fed. Reg. 44716 – 44739 (September 29, 1983)]. The FHWA shall evaluate sites identified through these processes in accordance with 36 CFR § 800.4(c). If sites are identified that may be eligible for the NRHP, the FHWA shall apply the criteria of adverse effect [36 CFR § 800.5(a)(1)] in consultation with the SHPO, taking into consideration any views concerning such effects that have been provided by the Tribes, other consulting parties and the public.
 - b. Archaeological testing will be conducted to assess the NRHP eligibility of site 23CO1612 (the Duke Diggs Home site) and any other archaeological sites identified as needing archaeological testing under Stipulation 3a above. If project plans and/or impacts change so that the site will not be impacted, no additional cultural resources investigations will be conducted.
 - c. The results of the archaeological investigation of sites and portions of sites located within the APE, as well as reports resulting from testing undertaken to identify deeply buried sites and historic properties in areas not previously surveyed, will be submitted to the SHPO for review
 - d. The FHWA shall consult with the SHPO and other consulting parties to develop and evaluate alternatives or modifications to the undertaking that could avoid, minimize or mitigate adverse effects to NRHP-eligible archaeological sites.

- e. Where adverse effects cannot be avoided, the FHWA shall consult with the SHPO and other consulting parties to resolve the adverse effects, consistent with guidance provided in 36 CFR § 800.6, through the implementation of Archaeological Data Recovery Plan(s) developed in accordance with the Advisory Council on Historic Preservation's (Council) *Recommended Approach for Consultation on the Recovery of Significant Information from Archaeological Sites* (64 FR 27085-87 published in the *Federal Register* on May 18, 1999) Council's *Handbook on Treatment of Archaeological Properties* and the *Secretary of the Interior's Standards for Archaeological Documentation*; and
 - f. The FHWA shall ensure that reports on archaeological data recovery carried out pursuant to this agreement are provided to the SHPO.
 - g. The FHWA shall ensure that all materials and records resulting from archaeological investigations conducted under terms of this MOA are curated by a qualified institution in accordance with 36 CFR Part 79.
4. Within one year after carrying out the terms of the MOA, the FHWA shall provide a written report regarding the actions taken to fulfill the terms of the agreement to all signatories.
 5. If any signatory proposes that this agreement be amended, the FHWA shall consult with the other parties to this agreement. Said amendment shall be in writing, governed in accordance with 36 CFR 800.6, and executed by all signatories to this MOA.
 6. An original copy of this MOA will be provided to each signatory. A copy will be transmitted to the ACHP for inclusion in their files.
 7. Failure to carry out the terms of this MOA requires that the FHWA again request the comments of the ACHP in accordance with 36 CFR Part 800. If FHWA cannot carry out the terms of the agreement, it shall not take or sanction any action or make any irreversible commitment that may affect historic properties until such time as the ACHP has been given the opportunity to comment on the full range of project alternatives which might avoid or mitigate any adverse effects.
 8. Execution of this MOA, and carrying out its terms, evidences that the FHWA has afforded the ACHP an opportunity to comment on the improvements to the Whitton Expressway and its effects on historic properties, and that FHWA has taken into account the effects of the project on historic properties, in accordance with Section 106 of the National Historic Preservation Act.
 9. This agreement shall commence upon having been signed by the FHWA and SHPO and MHTC shall be null and void if its terms are not carried out within ten

(10) years from the date of its execution, unless the FHWA and SHPO and MHTC agree in writing to an extension for carrying out its terms.

10. If any signatory determines the terms of the MOA cannot be carried out, the signatories shall consult to seek amendment. If the MOA is not amended any signatory may terminate the MOA by providing the other signatories with written notice of termination. Termination will become effective upon the date specified in the notice of cancellation sent to the signatories. If the MOA is terminated, the FHWA shall execute a new MOA or request the comments of the ACHP.

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IN WITNESS WHEREOF, the parties have entered into this Agreement on the date last written below.

Executed by the MHTC this 17th day of June, 2009.

Executed by the Federal Highway Administration this 10th day of July, 2009.

Executed by the Missouri Historic Preservation Office this 4th day of June, 2009.

MISSOURI HIGHWAYS AND
TRANSPORTATION COMMISSION

FEDERAL HIGHWAY
ADMINISTRATION

By: [Signature]

By: [Signature]

Title Chief Engineer

Title: Env. Projects Team Leader

Attest: (SEAL)

Attest:

[Signature]

By: _____

Secretary to the Commission

Title: _____

Approved as to Form:

[Signature]

Commission Counsel

THE MISSOURI HISTORIC
PRESERVATION OFFICE

By: [Signature]

Title: DSHPD

Attest:

By: _____

Title: _____

Information to Accompany

Available Upon Request



Appendix 4f-B

Coordination



Notice of Meeting and Tentative Agenda

Public Works and Planning Committee

Thursday, July 24, 2008
7:45 a.m.

John G. Christy Municipal Building, 320 East McCarty Street
Boone/Bancroft Room (Upper Level)

TENTATIVE AGENDA

1. Introductions
2. Approval of the June 19, 2008 Committee meeting minutes
3. New Business
 - ✓1. Permissive Use of Right-of-way at 4715 Scruggs Road (Matt Morasch)
 - **2. Lane Striping Modification to Industrial Drive from Dix Road to Highway 179 (Matt Morasch)
 3. Street and Stormwater Maintenance and Repair Backlog (Matt Morasch)
 - **4. High Street and Madison Street Repair of Settlement Issues (Matt Morasch)
 - **5. Whitton Expressway EIS - Mitigation to the Park Place Park (Olive and Park Street) (Matt Morasch)
 6. Summary of Existing Building Codes (Pat Sullivan)
 7. Sewer Master Plan Update and Emerging Issues (Eric Seaman)
4. Other Business
 1. Citizen opportunity to address Council/Staff on Stormwater Issues and Topics (Matt Morasch)
 2. Committee Priorities (Councilman Penfold)
5. Adjournment

✓ next City Council agenda if approved by the Public Works & Planning Committee
* future City Council agenda if approved by the Public Works & Planning Committee
** staff direction requested

MINUTES
JEFFERSON CITY
PUBLIC WORKS AND PLANNING COMMITTEE
Boone/Bancroft Room
John G. Christy Municipal Building
320 East McCarty Street
July 24, 2008

Committee Members

Present

Dan Klindt
Cindy Layton
Jim Penfold, Chairman

Attendance

4 of 4
4 of 4
4 of 4

Committee Members

Absent

Mike Harvey, Vice Chairman
Jane Smith

1 of 4
2 of 4

Staff Present

Patrick E. Sullivan, PE, Director of Community Development
Janice McMillan, Deputy Director for Planning and Transportation
Matt Morasch, Deputy Director for Public Works
David Bange, Engineering Division Director
Eric Seaman, Deputy Director for Wastewater Utilities
Don Fontana, Civil Engineer
Britt Smith, Streets/Parking Division Director
Melva Fast, Assistant to the City Administrator
Charles Lansford, Assistant Director of Community Development
Ron Davenport, Building Regulations Division Director
Brenda Wunderlich, Administrative Assistant

Chairman Penfold called the meeting to order at 7:47 a.m. A quorum was present at this time. The following guests were present: Marvin Stuenkel, citizen; Mike Dusenberg, MoDOT District 5; Matt Burcham, MoDOT Central Office; Jason Sommerer, MoDOT District 5; Mark Mehmert, JC Chamber; Steve Albert and Larry Dahl, A & D Development, LLC; David Hagan, Ameren UE; James Stark, Septagon; Alan Mudd, Assoc. RE Group (Old Town Committee); Dan Bernskoetter, Embarq; Phil Freeman, Freeman Mortuary; Jim Wisch, Wavco; and Kris Hilgedick, News Tribune.

1. Introductions

Those present introduced themselves.

2. Approval of the June 19, 2008 Committee meeting minutes

Councilman Klindt moved and Councilwoman Layton second to approve the minutes, motion carried.

3. New Business

1. Permissive Use of Right-of-way at 4715 Scruggs Station Road on Fairgrounds Road (Matt Morasch)

Mr. Morasch explained the request was to locate a private stormwater pipe and inlet extension on City right-of-way. Staff recommends approval of the request with the following conditions:

1. Extend pavement on downstream side of drive 10 ft. and warp to divert stormwater to the curb/ditch line.
2. Seal joint between driveway and pavement on Scruggs Station Road.

Councilman Klindt moved and Councilwoman Layton seconded to refer the Permissive use of right-of-way to the City Council with recommendation to approve, motion carried.

Chairman Penfold explained there is a request from City staff to add an item under New Business to the agenda. Councilwoman Layton moved and Councilman Klindt seconded to amend the agenda to add Item 8 regarding utility easements in support of the vacation of Wall Way, motion carried.

8. Utility Easements in Support of the Vacation of Wall Way

Mr. Morasch explained the utility relocation is a result of the Wall Way vacation. During construction, those utilizing the City parking lot will be allowed to park on the adjacent County grounds and therefore only minor disruption is anticipated for parking customers.

Councilman Klindt moved and Councilwoman Layton seconded to forward this item to City Council with recommendation to approved, motion carried.

2. Lane Striping Modification to Industrial Drive from Dix Road to Highway 179 (Matt Morasch)

Mr. Morasch explained City staff is requesting the Committee review and endorse revising the lane striping on Industrial Drive to a "3-lane" section between Dix Road and Hwy. 179. The request received a favorable recommendation from the Traffic and Transportation Commission at their May meeting.

Councilman Klindt moved and Councilwoman Layton seconded to endorse the lane striping revisions as requested by staff, motion carried.

3. Street and Stormwater Maintenance and Repair Backlog (Matt Morasch)

Mr. Morasch explained the challenges the Street Division is tasked with in maintaining and repairing, street and stormwater failures. He stated the use of in-house crews to clean up and dispose of storm debris from last year's ice storm and a wet spring season has limited staff's ability to begin needed repairs. When the overlay project began staff was then tasked with trucking operations and conducting street repairs in support of the overlay project which stretches the overlay dollars. However this has resulted in a backlog of street repairs. Staff anticipates being able to catch up with most of the repair backlog by late fall by delaying some of the in-house replacement/improvements that were being conducted in the last couple of years.

There was discussion among Committee members and staff regarding sink holes and liability issues.

4. High Street and Madison Street Repair of Settlement Issues (Matt Morasch)

Mr. Morasch explained staff is requesting the Committees concurrence on repairs to the above noted streets, to remedy settlement issues likely caused by settlement of stone fill in utility trenches as a result of the downtown streetscape project. Staff is proposing to have the overly contractor mill a 10-ft. strip out of the middle of the pavement and replace it with asphalt. The cost to complete this work will be approximately \$8,000.00. The work will be done at night so as not to disrupt the downtown merchants.

Councilman Klindt moved and Councilwoman Layton seconded to endorse repairs to High and Madison Street's to remedy settlement issue, motion carried.

5. Whitton Expressway EIS – Mitigation to the Park Place Park (Olive and Park Street) (Matt Morasch)

Mr. Morasch stated staff is requesting the Committee endorse a plan for the mitigation of right-of-way impacts to Park Place Park.

Councilman Klindt moved and Councilwoman Layton seconded endorse the plan for the mitigation of right-of-way impacts to Park Place Park subject to endorsement by the Parks Commission, motion carried.

6. Summary of Existing Building Codes (Pat Sullivan)

Mr. Sullivan gave a presentation of the importance of building codes in existing structures.

There was discussion among Committee members, staff, and the Old Towne Redevelopment Committee members regarding existing building codes, compliance issues, staff enforcement, fire protection requirements, encouraging first time buyers, and protection of public health and safety.

Councilman Klindt requested staff get a copy of the Springfield, Missouri codes pertaining to existing structures, for the Committee to review. Chairman Penfold explained there would be additional discussion on this item at a future Committee meeting.

7. Sewer Master Plan Update and Emerging Issues (Eric Seaman)

Mr. Sullivan gave a presentation explaining the disinfection mandate under the State operating permit and the sewer master plan update needed for the Wastewater system. He also explained the problems of wet weather sewer overflows in the Boggs Creek basin. Staff is requesting the Committee authorize the hiring of consultant to do the user rate study and the master plan update. Funding will be from the Wastewater Fund.

Councilwoman Layton moved and Councilman Klindt seconded to endorse a user rate study contract and the master plan update, motion carried.

* Councilman Klindt left the meeting at this time (9:21 a.m.).

4. Other Business

1. Citizen opportunity to address Council/Staff on Stormwater Issues and Topics (Matt Morasch)

There was no one present regarding discussion of this issue.

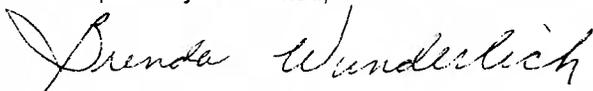
2. Committee Priorities (Councilman Penfold)

- Chairman Penfold requested this item to be continued.

5. Adjournment

Chairman Penfold announced the meeting was adjourned at this time (9:23 a.m.).

Respectfully Submitted,



Brenda Wunderlich
Administrative Assistant



**Parks and Recreation Commission Meeting
August 12, 2008
Washington Park Ice Arena
711 Kansas Street, Jefferson City, MO 65101
4:30 p.m.**

AMENDED AGENDA

- I. Call to Order**
- II. Roll Call**
- III. Approval of Agenda**
- IV. Presentations**
 - A. City Council Liaison Comments**
 - B. Environmental Quality Commission Liaison - Marty Miller**
 - C. Whitton Expressway EIS - Mitigation to Park Place Park (Olive & Park Streets) - Michael Dusenberg-MoDOT**
 - D. Immigration Reform Legislation Potential Impact on Parks and Recreation - Drew Hilpert - Assistant City Counselor**
- V. Approval of Minutes**
 - A. Regular Meeting - July 8, 2008**
 - B. Special Commission Meeting - July 29, 2008**
- VI. Staff Reports/Progress Reports**
 - Subject**
 - A. *Director's Report***
 - 1. July Financial Report**
 - 2. 2008-09 Budget Update**
 - 3. Facility Use Agreement with Jefferson City Figure Skating Club**
 - 4. Facility Use Agreement with Jefferson City Youth Hockey Association**
 - 5. Facility Use Agreement with Central Missouri Youth Hockey Association**
 - B. *July Recreation & Support Services Report* *Tina Werner***
 - C. *July Recreation Facilities & Special Services Report* *Phil Stiles***
 - D. *July Resources Report* *J.J. Gates***
- VII. Committee Reports and Actions**
 - A. *Recreation Services Committee* *Steve Duncan***
 - 1. No work session has been held since the last Commission meeting.**
 - 2. Approve Program and Facility Participant Disciplinary and Grievance Procedure.**
 - 3. Next Work Session tentatively scheduled for October 28, 2008 at 7:30 a.m.**
 - B. *Park Resources and Planning Committee***
 - 1. No work session has been held since the last Commission meeting.**
 - 2. Next Work Session tentatively scheduled September 23, 2008 at 7:30 a.m.**

C. *AdHoc Oak Hills Advisory Committee*

Linda McAnany

1. No work session has been held since the last Commission meeting.
2. Next Work Session tentatively scheduled for August 19, 2008 at 5:30 p.m.

VIII. President's Report/Announcements

Steve Duncan

A. 2008-09 Committee Organization

IX. Old/Other Business

X. Adjournment

**Notice of
Public Hearing
Immediately following the Parks and Recreation Commission
Meeting at approximately 5:30 p.m.
Whitton Expressway Environmental Impact Study
as related to Park Place Park**

The Parks and Recreation Commission and MoDOT will jointly host an open house public hearing to solicit and receive public comment regarding the impact of proposed street improvements on Park Place Park.

The Public Hearing will conclude at approximately 6:30 p.m.

**Minutes
City of Jefferson
Parks & Recreation Commission
Meeting
August 12, 2008**

**ROLL CALL
COMMISSION
PRESENT:**

Michael Couty
Steve Duncan
Linda McAnany
Marty Miller
Larry Vincent
Heidi Doerhoff Vollet

**ATTENDANCE
RECORD**

3-3
3-3
3-3
3-3
3-3
3-3

**STAFF
PRESENT:**

Director:
 Bill Lockwood
General Recreation and Support Services
Division Director:
 Tina Werner
Recreation Facilities and Special Services
Division Director:
 Phil Stiles
Park Resources Division Director:
 J.J. Gates
Administrative Assistant:
 Amy Shaw

ABSENT:

Gart Pollard
Dr. Bryan Pope
Edith Vogel

2-3
2-3
2-3

CITY COUNCIL LIAISON:

None

Press: Kris Hilgedick, News Tribune

Guests: Steve Rasmussen-City Administrator; Drew Hilpert-Law Department; City Councilwoman Anita Randolph; Michael Dusenberg-MoDOT; Kristy Rydman-JCFSC

CALL TO ORDER

The meeting was called to order by President Duncan at 4:40 p.m. in the Multipurpose Room of the Washington Park Ice Arena, 711 Kansas Street, Jefferson City, MO 65101.

APPROVAL OF AGENDA

President Duncan asked for approval of the agenda as presented. Commissioner McAnany made a motion to approve the agenda. The motion was seconded by Commissioner Vollet. The motion passed with all voting in favor.

PRESENTATIONS

CITY COUNCIL LIAISON COMMENTS

President Duncan welcomed Councilwoman Randolph to the meeting and reported that she will likely be appointed to the Commission as City Council Liaison. Councilwoman Randolph stated she would be pleased if the City Council appoints her to the Commission as she has been a longtime advocate of Parks and Recreation and feels they offer many benefits to the community.

ENVIRONMENTAL QUALITY COMMISSION

Commissioner Miller reported that no meeting has been held since the last Commission meeting. The next meeting is scheduled for August 21, 2008.

WHITTON EXPRESSWAY EIS - MITIGATION TO PARK PLACE PARK (OLIVE & PARK STREETS)

Director Lockwood introduced Michael Dusenberg of the Missouri Highway and Transportation Department (MoDOT). Lockwood stated he has had the opportunity to work with Dusenberg on the

CAMPO Technical Committee and Dusenberg serves as the Planning Manager for MoDOT District 5. Lockwood reported there has been a long-term study relative to what should be done with Highway 50 East through Jefferson City in relation to the Prison Redevelopment Site. Lockwood stated that Dusenberg would provide an update and request support of a plan that MoDOT hopes to put in place.

Dusenberg stated that MoDOT and Cole County began a partnership a little over a year ago to perform an environmental impact statement and determine the impact that would be caused by the Prison Redevelopment Site in relation to Whitton Expressway. Dusenberg stated that MoDOT is now working on the "draft" environmental document and MoDOT feels that the best alternative involves a two-pronged approach that would include a full interchange at Lafayette Street and would also leave Lafayette Street as a three-lane roadway. As a part of the two-pronged approach, MoDOT is also looking at the access of Lafayette Street that would create an extension of Clark Avenue. Dusenberg stated that Commissioners would see in the handouts provided what the access would look like at Clark Avenue and how it would affect Park Place Park by seven hundredths of an acre. What MoDOT is seeking from the Commission is support of the proposal so that when MoDOT goes through two necessary adjacent properties to the south of the park, MoDOT would acquire those entire properties and trade off the access right-of-way for the area of the park that is affected.

Following a brief discussion of the Commission, **Commissioner Vincent made a motion to endorse the conceptual proposal as presented by MoDOT. The motion was seconded by Commissioner McAnany. The motion passed with all voting in favor.**

IMMIGRATION REFORM LEGISLATION POTENTIAL IMPACT ON PARKS AND RECREATION

Drew Hilpert of the City's Law Department spoke briefly updating Commissioners on some state legislation passed recently that will have impact on City contracts exceeding \$5,000. He reported that contractors will have to sign an affidavit stating they will participate in a federal work authorization program that will verify that all employees are lawfully able to be in the United States. Secondly, the contractor will have to sign an affidavit that they do not knowingly employ unauthorized aliens and any contractor will now have to provide ten hours of OSHA training to all employees working on each job. Additionally, Hilpert stated that all City employees will now have to go through the e-verify process as there is also a requirement that no person can receive health insurance or insurance benefits without being verified.

APPROVAL OF MINUTES

REGULAR MEETING - JULY 8, 2008 & SPECIAL MEETING - JULY 29, 2008

Commissioner McAnany made a motion to approve the meeting minutes of the July 8, 2008 Regular meeting and the July 29, 2008 Special meeting. The motion was seconded by Commissioner Miller. The motion passed with all voting in favor.

STAFF REPORTS/PROGRESS REPORTS

DIRECTOR'S REPORT

JULY FINANCIAL REPORT

Director Lockwood stated he had nothing particular to note other than the summer months are the heaviest expenditure time and overall it appears that the department will be coming in under budget. Lockwood stated that last month he reported there was a 1.8% increase in the Local Parks Sales Tax collection, but he received an updated report last week from the Finance Department showing it is up from 1.8% to 2.6%. He was unsure if the increase would remain the same through the rest of the year, but the collection was better news than was previously reported.

2008-2009 BUDGET

Director Lockwood updated Commissioners on the budget status since the last work session. He stated that the City Council held a special meeting August 11th wherein the Mayor introduced the budget to the Council. The only change that was relative to Parks and Recreation to bring the general fund into balance was that the Mayor cut \$22,500 from the \$45,000 allotted to Parks and Recreation from the Operating Reserves to maintain street trees. Lockwood stated that currently staff is spending more than \$45,000 and he would have to monitor and clarify any workload responsibilities to assure we are in compliance with the City ordinance relative to street trees.

FACILITY USE AGREEMENT WITH JEFFERSON CITY FIGURE SKATING CLUB; FACILITY USE AGREEMENT WITH JEFFERSON CITY YOUTH HOCKEY ASSOCIATION and FACILITY USE AGREEMENT WITH CENTRAL MISSOURI YOUTH HOCKEY ASSOCIATION

Director Lockwood stated that one of the goals in working through all of the special meetings, hearings, and sub-committee meetings with issues related to the ice arena was to get back into the practice of entering into formal written agreements with the major user groups. In the past, agreements were similar to what is included in the meeting packet. Lockwood stated that Drew Hilpert of the City's Law Department, Phil Stiles and Missy Morarity have spent a lot of time going through the three agreements for the user groups. Lockwood stated that the agreements have not been presented to any of the groups yet because contracts are first approved by the Commission before submitting them to the user groups for execution.

Commissioner Vollet asked how the hourly rates are figured for each group. Lockwood stated that staff tries to set fees according to the Cost Recovery and Philosophy Policy to be a break-even operation. He stated that several years ago we did a market analysis with other rinks to come up with a reasonable hourly rate.

Following further discussion, **Commissioner Miller made a motion to approve the Facility Use Agreement with Jefferson City Figure Skating Club, Jefferson City Youth Hockey Association and Central Missouri Youth Hockey Association subject to approved wording changes outlined by Drew Hilpert of the City's Law Department. The motion was seconded by Commissioner McAnany. The motion passed with all voting in favor.**

JUNE GENERAL RECREATION & SUPPORT SERVICES REPORT

Tina Werner, General Recreation and Support Services Division Director, reported that the youth baseball and softball leagues are finished, but there were some teams that were not able to play their last two or three games due to rainouts. Staff is working to determine whether credits should be issued.

Werner reported that an end of the summer softball meeting is scheduled for August 23rd to evaluate the youth softball program and invited Commissioners to attend. She stated that Angie Toebben would be sending notice of this meeting to all parents involved in the summer softball programs.

Werner reported that registration ended on August 11th for the NFL Flag Football program. This program is for kids in grades 1-4.

In adult sports, Werner reported that the summer softball program will end this week and the fall league starts the week of August 18th. Volleyball registration ended on August 11th and there are 32 teams registered.

In golf, Werner stated that play is down by 700 rounds year-to-date and approximately \$5,000 in revenue.

JUNE RECREATION FACILITIES & SPECIAL SERVICES REPORT

Phil Stiles, Recreation Facilities and Special Services Division Director, reported that Ellis Porter Pool closed Sunday, August 10th and Memorial Park Family Aquatic Center closes on August 17th with the Hot Dippity Dog Event.

Stiles reported that movie nights on the Capitol lawn co-sponsored by the Missouri River Regional Library, Downtown Association, U.S. Cellular and Parks and Recreation went well. The last movie of the season was held on August 8th with approximately 1,300 people attending.

The Washington Park Ice Arena opened for the season on August 1st. A Hockey camp was held last week and public sessions are being held throughout the week.

In closing, Stiles reported that the fall/winter Program Guide was published on August 3rd and was distributed through the News Tribune. Copies are also available at the Parks office.

JUNE PARK RESOURCES REPORT

J.J. Gates, Park Resources Division Director, reported the two new holes at the Golf Course will be opened for the Mayor's Cup and will be open to the general public on Saturday, August 16th.

Gates reported that the greenway extension through County Park is about 50% complete.

Gates stated that staff is working to increase space at the Park Maintenance Center now that the roof has been installed on the new expansion.

In closing, Gates reported that work continues on the Washington Park Recreation Center as staff works to replace some concrete and asphalt in the parking lot and finish the interior of the building.

COMMITTEE REPORTS AND ACTIONS

A. RECREATION SERVICES COMMITTEE

Director Lockwood once again presented the Program and Facility Participant Disciplinary and Grievance Procedure to Commissioners for their review. Lockwood stated that he made an insert in wording to further clarify the procedure.

Following minimal discussion, **Commissioner Vollet made a motion to approve the Program and Facility Participant Disciplinary And Grievance Procedure. The motion was seconded by Commissioner McAnany. The motion passed with all voting in favor.**

The next work session is tentatively scheduled for October 28, 2008 at 7:30 a.m.

B. PARK RESOURCES AND PLANNING COMMITTEE

No work session has been held since the last Commission Meeting. The next work session is tentatively scheduled for September 23, 2008 at 7:30 a.m.

C. AdHoc OAK HILLS ADVISORY COMMITTEE

No work session has been held since the last Commission Meeting. The next work session is tentatively scheduled for August 19, 2008 at 5:30 p.m .

PRESIDENT'S REPORT/ANNOUNCEMENTS

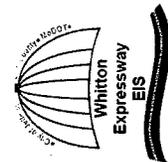
President Duncan called attention to information at each member's seat. He stated that these names are citizens in the community, who have in the past, volunteered for one of the three committees. He reported that he and Director Lockwood would work to finalize the committee structure within the upcoming week.

OTHER BUSINESS

None.

ADJOURNMENT

The regular meeting adjourned at 6:10 p.m.



Jefferson City Parks Board Meeting
August 12, 2008

Name	Company/Organization	Address, City, State, Zip	E-mail	Phone
Mary R. Smith		1113 Park J.C. No 6501		573-635-4753
Ken Entloe		1307 E. Merida Ave.		573-635-3966
Cindy Johnson		609, Iron Hill		573-635-5599
Cathy Barnes		927 Fairmount Blvd		573/893-2729

City of Jefferson

320 E. McCarty Street
Jefferson City, MO 65101



John Landwehr
Mayor

Phone: 573-634-6304
Fax: 573-634-6522

October 6, 2008

Roger Schwartze, P.E.
District Engineer
Missouri Department of Transportation
1511 Missouri Boulevard, P.O. Box 718
Jefferson City, Missouri 65102

Dear Roger:

The City of Jefferson is aware that the proposed preferred alternative for the Whitton Expressway EIS, specifically as it pertains to access to the Missouri State Penitentiary (MSP) site, involves a future extension of Clark Avenue into the eastern end of the MSP site. Our understanding is that the current proposal for the Clark Avenue extension would parallel Olive Street south to north. As such, the extension would impact 0.07 acres of the eastern portion of the Park Place Park's 0.7 acres.

As you are aware, Park Place Park is a neighborhood park owned and maintained by the Jefferson City Department of Parks, Recreation and Forestry. The portion of the park that would be impacted is currently an open grassy area. No impacts are anticipated to the western portion of the park, which includes a basketball court. Given the minimal impacts, the City does not anticipate that the proposed project would adversely impact the park's primary activities, features and attributes. The mitigation plan, as proposed to the Parks and Recreation Commission at their August 12, 2008 meeting, would involve replacing the open grassy area adjacent to the existing basketball court with nearly 0.2 acres of land from properties immediately north or south of the park. This is more than twice the area impacted. The Parks and Recreation Commission voted unanimously in favor of the mitigation plan.

Since Clark Avenue is under the responsibility of the City of Jefferson, Mike Dusenberg, District 5 Planning Manager, presented the Park Place mitigation plan to the Jefferson City Public Works and Planning Committee at their July 24, 2008 meeting. The Public Works and Planning Committee is also supportive of the proposal.

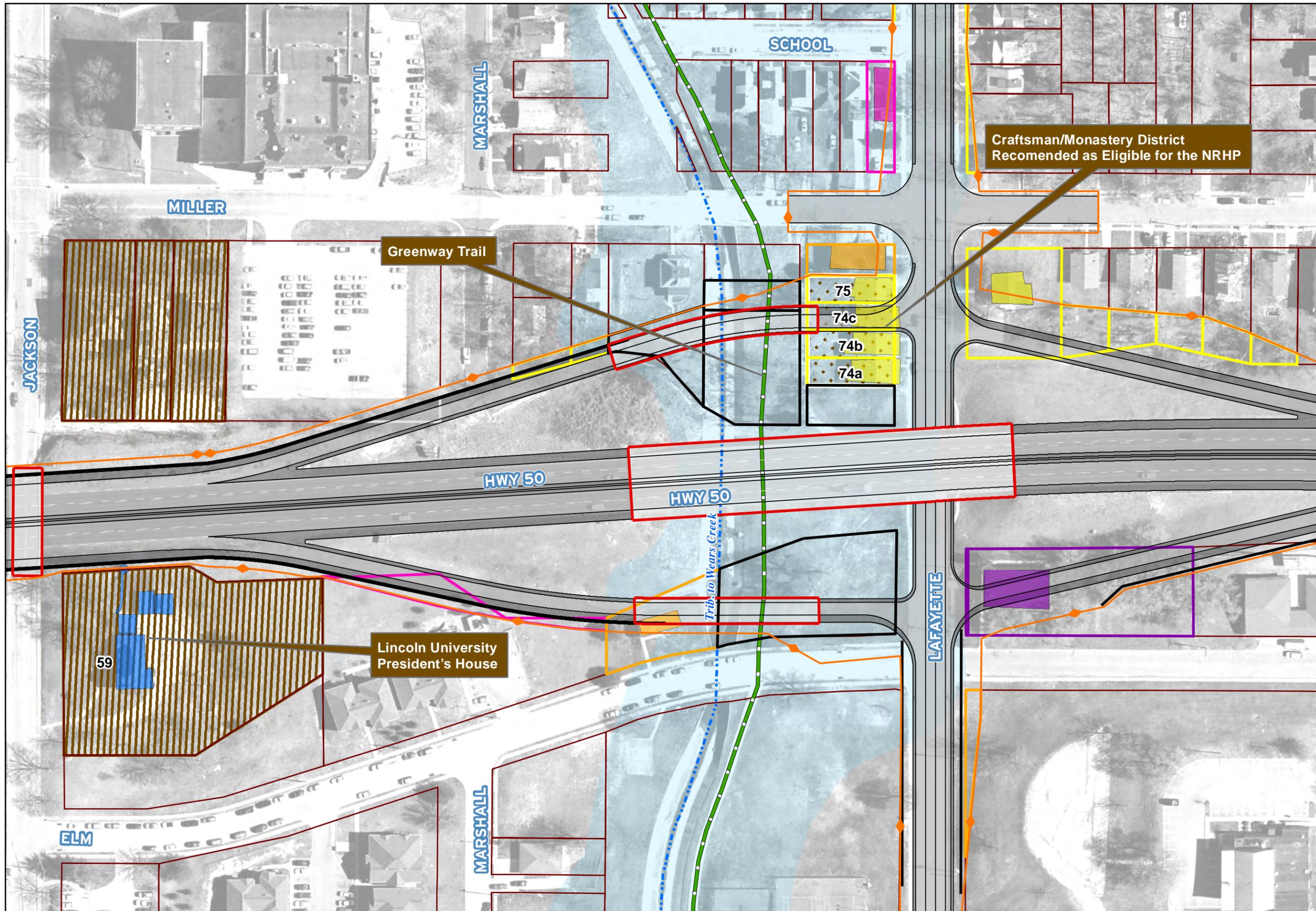
Considering the support of the Parks and Recreation Commission as well as the Public Works and Planning Committee, the City of Jefferson fully concurs with the Park Place proposal as outlined in the Whitton Expressway draft Environmental Impact Statement.

If you require any further action on this issue, please feel free to contact me.

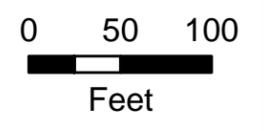
Sincerely,

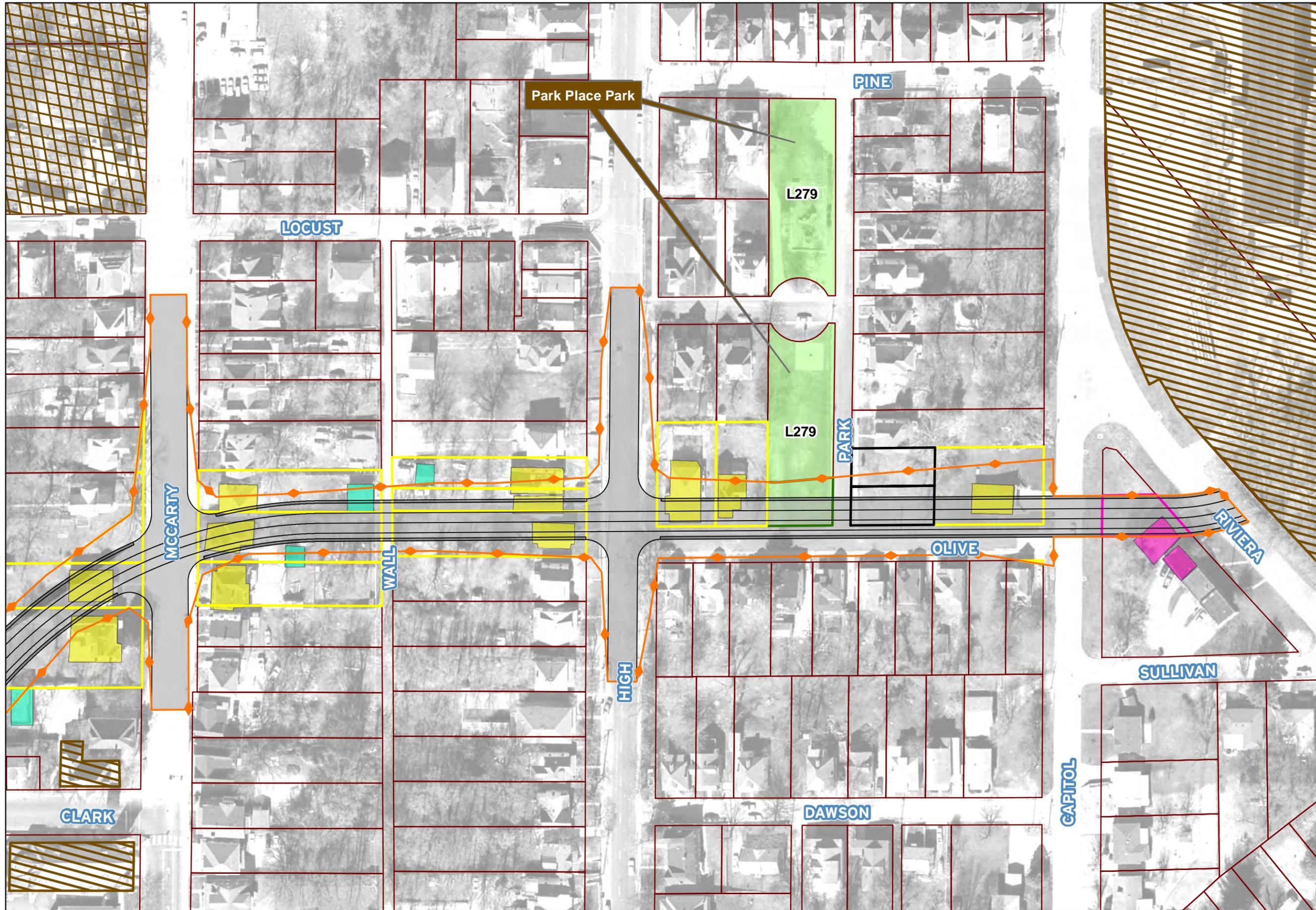
A handwritten signature in blue ink, appearing to read "John Landwehr", is written over a horizontal line. The signature is fluid and cursive.

John Landwehr
Mayor

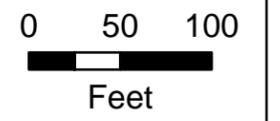


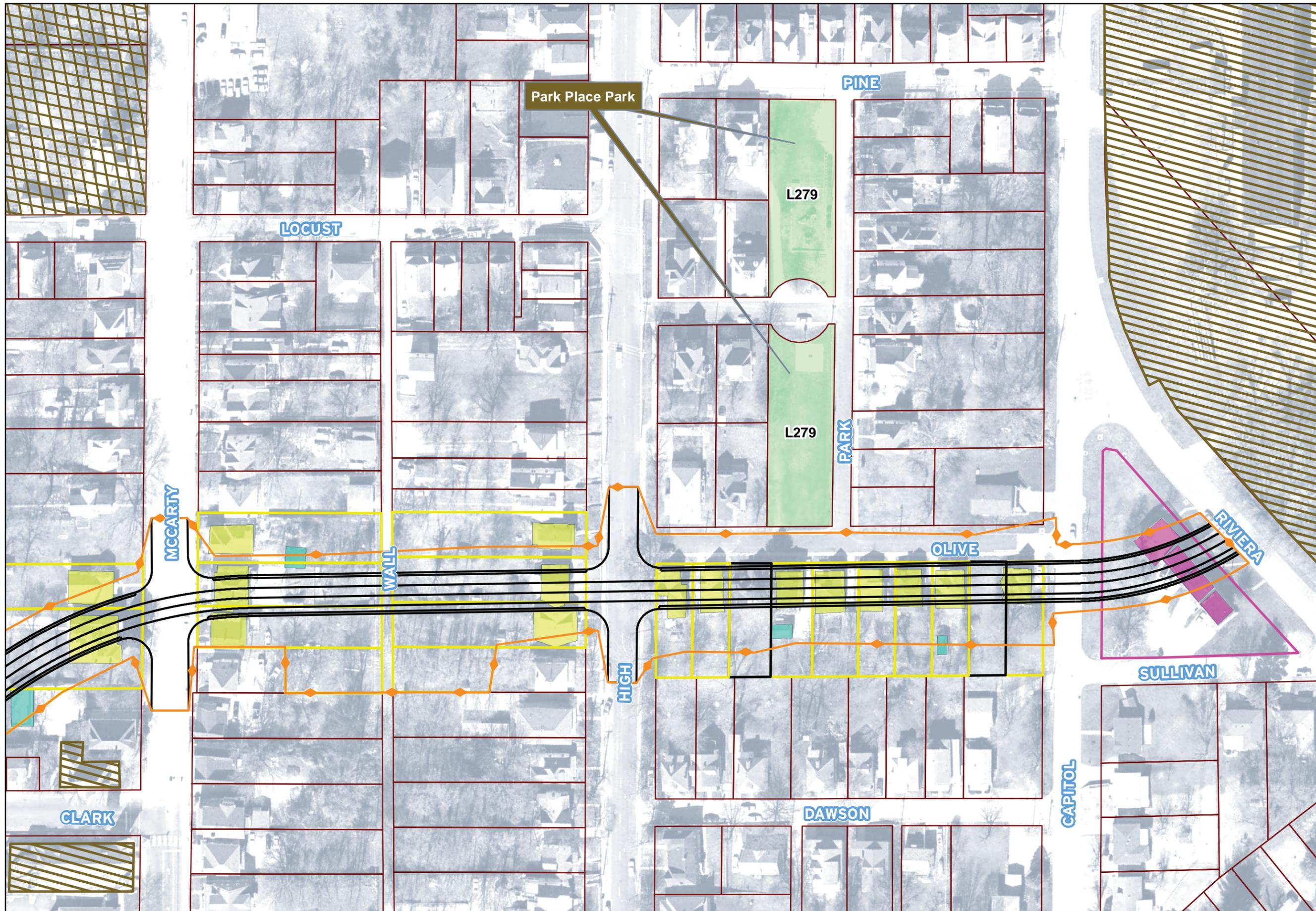
Whitton Expressway
East Alternatives
Preferred Alternative
4 (f) Properties





**Whitton Expressway
East Alternatives
Preferred Alternative**
4 (f) Properties





**Whitton Expressway
East Alternatives
Avoidance Alternative**
4 (f) Properties

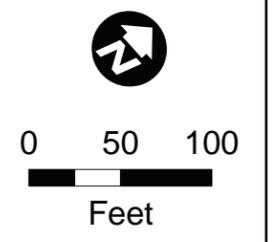


Exhibit 6-3: Summary Evaluation Matrix with Avoidance Alternative

Whitton Expressway EIS

Evaluation Factors	Units	No-Build	WEST OF JACKSON			EAST OF JACKSON			Avoidance
			Viaduct	Parkway	Madison	Lafayette	Lafayette Half & Clark	Lafayette Full & Clark	
PURPOSE & NEED									
Does the alternative provide sufficient roadway capacity and improve traffic operations?		No	2	5 (2)*	3	Yes	Yes	Yes	Yes
Does the alternative improve traffic safety?		No	1	1 (1)	2	Yes	Yes	Yes	Yes
Does the alternative address structural and roadway needs		No	1	1 (1)	1	Yes	Yes	Yes	Yes
Does it improve access to major activity centers and encourage development?		No	1	1 (1)	1	Yes	Yes	Yes	Yes
ENGINEERING CONSIDERATIONS									
What are the anticipated construction costs?	\$ (Million)	n.a.	32-36	18-21 (44-49)	16-18	23-26	21-24	23-26	18-20
What is the total amount of right of way needed?	Acres	0	0.7	0.7	0.9	4.7	6.3	7.3	6
What are the estimated right of way costs?	\$ (Million)	n.a.	0.2-0.5	0.2-0.5	0.3-0.6	1.6-3.0	2.2-4.1	2.5-4.8	2.3-3.9
How difficult would it be to construct?	Rating	n.a.	5	3 (4)	2	3	3	3	3
How efficiently can traffic be maintained during construction?	Rating	n.a.	5	2 (3)	2	2	2	2	1
Can the alternative efficiently be implemented in phases?	Rating	n.a.	5	1 (1)	4	4	2	2	4
TRAFFIC & SAFETY CONSIDERATIONS									
What is the expected 2035 level of service on the mainline Whitton?	LOS (AM / PM)	F	B/C	B/C	D/E	C	B	D	--
Does this alternative improve traffic operations through the triplets?	Rating	n.a.	2	4 (2)	4	n.a.	n.a.	n.a.	n.a.
Does the alternative address long-term capacity needs?	Rating	n.a.	2	4 (2)	3	3	2	1	3
Does the alternative create adverse traffic impacts on the secondary street network?	Rating	n.a.	2	4 (2)	4	4	1	1	2
Does this alternative improve accident rates along the corridor?	Rating	n.a.	2	3 (2)	3	3	2	3	3
Does this alternative affect incident management and emergency services?	Rating	n.a.	2	3 (2)	3	2	3	2	2
SOCIAL CONSIDERATIONS									
How many single-family properties will require a total acquisition?	#	0	0	0	2	10	21	22	21
How many single-family properties will require a partial acquisition?	#	0	0	0	0	9	8	12	3
How many multi-family properties will require a total acquisition?	#	0	0	1	0	2	1	1	1
How many multi-family properties will require a partial acquisition?	#	0	0	0	0	3	3	4	1
How many commercial properties will require a total acquisition?	#	0	1	0	0	9	4	4	2
How many commercial properties will require a partial acquisition?	#	0	1	2	3	2	0	1	0
How many institutional properties will require a total acquisition?	#	0	0	0	0	1	0	1	0
How many institutional properties will require a partial acquisition?	#	0	0	0	1	1	2	2	2
How many parking lots will require a total acquisition?	#	0	0	0	0	0	0	0	0
How many parking lots will require a partial acquisition?	#	0	7	7	7	1	1	1	0
What is the population of those blocks that will be impacted by the project?	#	n.a.	108	94	94	734	682	682	671
What is the percentage of minority individuals that live on those blocks that will be impacted by the project?	%	n.a.	31	22	22	37	38	38	32
Will the alternative impact business operations during construction?	Rating	n.a.	5	4	3	n.a.	n.a.	n.a.	n.a.
Will existing on-street parking be impacted?	Rating	n.a.	2	3	3	5	3	3	3
Does this alternative affect the plans for Southside Redevelopment?	Rating	n.a.	2	3 (3)	4	n.a.	n.a.	n.a.	n.a.
How about the Eastside Redevelopment plans?	Rating	n.a.	n.a.	n.a.	n.a.	3	2	2	3
Will the alternative impact Quinn Chapel?	Rating	n.a.	n.a.	n.a.	n.a.	5	3	5	1
Will alternative impact the IC Church?	Rating	n.a.	n.a.	n.a.	n.a.	1	4	4	5
Will bicycle and pedestrian accessibility be improved?	Rating	n.a.	2	3 (3)	2	3	3	3	3
Will access to Lincoln University be improved?	Rating	n.a.	n.a.	n.a.	n.a.	1	2	1	5
How about access to Jefferson City High School?	Rating	n.a.	n.a.	n.a.	n.a.	1	2	1	5
How about access to Central Bank or the Performing Arts Center?	Rating	n.a.	1	3 (3)	5	n.a.	n.a.	n.a.	n.a.
Does it improve access to the Missouri Penitentiary Redevelopment site?	Rating	n.a.	n.a.	n.a.	n.a.	1	2	1	3
How about access to Coca-Cola and Central Dairy?	Rating	n.a.	1	3 (3)	5	n.a.	n.a.	n.a.	n.a.
ENVIRONMENTAL CONSIDERATIONS									
How much parkland is impacted?	Acres	0	0	0	0	0	0.08	0.08	0
Does the alternative impact threatened and endangered species?	#	0	0	0	0	0	0	0	0
How much of the Wears Creek tributary would need to be channelized?	Linear ft.	0	285	1444	192	0	0	0	0
How much floodplain would be impacted? **	Acres	0	3.4	6.8	4.2	0.6	0.6	0.6	0
How many wetland areas are impacted?	#	0	0	0	0	0	0	0	0
Are any natural areas or habitats impacted?	#	0	0	0	0	0	0	0	0
How would the alternative impact the visual aesthetics?	Rating	n.a.	5	5	2	4	4	5	4
Would the region's air quality be adversely affected?		n.a.	No	No	No	No	No	No	No
Are any properties listed on the NRHP impacted?	#	0	0	0	0	3	0	0	0
Are any potentially eligible individual properties impacted?	#	0	1	1	1	1	0	0	0
Any potentially eligible historic districts?	#	0	0	0	0	1	1	1	0
Are any potentially eligible archaeological sites impacted by the alternative?	#	0	0	0	0	1	1	1	0
Are there any secondary or cumulative impacts associated with the alternative?	Rating	n.a.	1	1	1	1	1	1	1
Are any hazardous waste sites impacted?	#	0	0	0	0	0	0	0	0
How much farmland would be impacted?	#	0	0	0	0	0	0	0	0

Rating Scale - Factors are rated from 1 to 5 with 1 being the best and 5 being the worst. For those factors comparing impacts 1 represents the least impact and 5 represents the greatest impact.

* The numbers in parentheses reflect the Parkway - Future concept

** Floodplain impacts are based on FEMA floodplain data that does not exclude the existing roadway from the floodplain. Floodplain acreage impacts include existing right-of-way and proposed slope limits.

Note: Institutional properties include school property and churches