OFFICE OF THE COUNTY EXECUTIVE

Chris Abele

MILWAUKEE COUNTY EXECUTIVE

Date: May 6, 2011

To: Lee Holloway, Chairman, County Board of Supervisors

From: Chris Abele, County Executive

Subject: Appointment of a New Member to Marcus Center Board of Directors

Subject to the confirmation of your Honorable Body and pursuant to the provisions set fourth in Marcus Center By-Laws, I am hereby appointing Ralph Holman to serve on the Marcus Center Board. He will fill the vacancy created by the resignation of Dr. Fred Crouther. Mr. Holman's term will expire on May 1, 2014.

I would appreciate your consideration and confirmation.

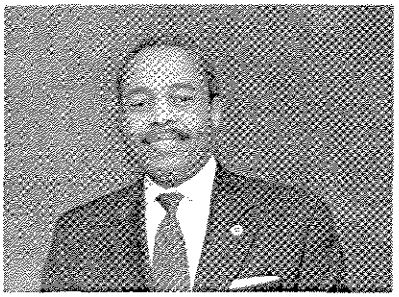
Chris Abele
Milwaukee County Executive

Attachment

CA: th

Cc: Lynne DeBruin, Chair, Marcus Center Committee
Milwaukee County Board of Supervisors
Terry Cooley, Chief of Staff – County Board
Carol Muller. Chief Committee Clerk
Jodie Mapp, Committee Clerk
Paul Mathews, Marcus Center Board
Ralph Holman

MILWAUKEE COUNTY COURTHOUSE, 901 NORTH 9TH STREET, ROOM 306, MILWAUKEE, WI 53233
TELEPHONE (414) 278-4211 FAX (414) 223-1375 COUNTY.MILWAUKEE.GOV/COUNTYEXECUTIVE



Ralph E. Hollmon
President & CEO
The Milwaukee Urban League

Ralph Hollmon, President and Chief Executive Officer of the Milwaukee Urban League (MUL), assumed that position in October 2002. As President, he is responsible for the organizations management and strategic planning, overseeing all operations. In this capacity, he provides the leadership to ensure that the League's education, employment, economic development and social justice programs are implemented in an effective manner. He leads in the full acknowledgement and recognition of the organizations commitment to serving African Americans, and other minorities, so they can improve the quality of their lives and become more self-reliant. In addition, Hollmon has held the positions of Central Region Vice President and Central Region Secretary of the National Urban League Association of Executives.

Since assuming the position of President of the Milwaukee Urban League, he has initiated partnerships with MillerCoors Brewing Co. in the MillerCoors Urban Entrepreneur Series, a national business plan competition to assist entrepreneurs ages 21-35 in developing or expanding their businesses. Ralph has also been actively involved with a variety of civic and community initiatives. His community outreach includes serving as past Co-Chair of the Milwaukee Commission on Police Community Relations, Co-Chair of the Governor's Business Opportunity Advisory Commission, a member of the JP Morgan Chase Bank National Community Advisory Board, a member of the Milwaukee Transitional Jobs Coalition, a member of the City of Milwaukee African American Male Unemployment Task Force, a member of the Mayor's Anti-Poverty Advisory Committee, Board Member of Wisconsin Independent Colleges, and a member of the Greater Milwaukee Committee.

Ralph brings a wealth of governmental and community service experience to his current position. He has served as Director of the Milwaukee County Department of Human Services, Chief Executive Officer of the Private Industry Council, and the Executive Director of the Milwaukee Metropolitan Sewerage District. In addition, Ralph has held positions with the State of Wisconsin Department of Administration and the Social Development Commission of Milwaukee County. Prior to joining the Milwaukee Urban League, Ralph led his own company as President of Hollmon Management and Consulting LLC (HMC), a project management and public affairs consulting firm.

Ralph received his undergraduate degree at Parsons College in Fairfield, Iowa, and earned his Master's Degree in Urban Affairs from the University of Wisconsin-Milwaukee. He also completed the Executive Education Program, "Strategic Perspectives in Nonprofit Management" at the Harvard School of Business.

Ralph lives in Milwaukee, Wisconsin with his wife Margaret. They are members of St. Mark AME Church where Ralph has served as past chairman of both the Anvil and Richard Allen Housing Boards, corporations responsible for the church's elderly and disabled housing complex.

OFFICE OF THE COUNTY EXECUTIVE

Chris Abele

MILWAUKEE COUNTY EXECUTIVE

Date: May 6, 2011

To: Lee Holloway, Chairman, County Board of Supervisors

From: Chris Abele, County Executive

Subject: Appointment of a New Member to Marcus Center Board of Directors

Subject to the confirmation of your Honorable Body and pursuant to the provisions set fourth in Marcus Center By-Laws, I am hereby appointing Alfreda Bradley-Coar to serve on the Marcus Center Board. Ms. Bradley-Coar will fill the vacancy created by the resignation of Jonette Cazares. Ms.Bradley-Coar's term will expire on May 1, 2014.

I would appreciate your consideration and confirmation.

Chris Abele
Milwaukee County Executive

Attachment

CA: th

Cc: Lynne DeBruin, Chair, Marcus Center Committee
Milwaukee County Board of Supervisors
Terry Cooley, Chief of Staff – County Board
Carol Muller. Chief Committee Clerk
Jodie Mapp, Committee Clerk
Paul Mathews, Marcus Center Board
Alfreda Bradley-Coar

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Alfreda Bradley-Coar Bio

Alfreda Bradley-Coar
Senior Vice President & General Counsel
GE Healthcare, Americas

GE Healthcare
9900 W. Innovation Dr.
Wauwatosa, WI 53226
C: 262-501-1601
T: 262-548-5198
F: 414-721-3865
E: alfreda.bradley-coar@ge.com

Alfreda Bradley-Coar is General Counsel of GE Healthcare, Americas, a $9 billion global healthcare division of the General Electric Company. The business manufactures the latest technologies in medical device, software and pharmaceutical products for healthcare professionals.

As General Counsel, Bradley-Coar is responsible for leading the legal affairs in Canada, Latin America and the US. Her responsibilities include advising the CEO and senior executives on commercial, litigation, regulatory, compliance and business development matters. Bradley-Coar is also a member of GE's Legal Corporate Executive Council, a senior advisory board that develops and drives the global legal strategy for the GE Company.

Prior to joining GE Healthcare, Bradley-Coar served in numerous leadership roles within GE. As General Counsel for Trailer Fleet Services, she lead a legal department that managed complex commercial lease transactions. As Global Regulatory Counsel for Insurance Solutions, she set the regulatory direction for five business units with focus on compliance requirements for underwriting, claims handling, worker's compensation and meeting market conduct and reserve standards. At GE Railcar Corp., Bradley-Coar was Associate General Counsel for the European operations, conducting market entry analysis and developing master commercial agreements and acquisition documentation. Bradley-Coar joined GE in 1994.

Prior to GE, Bradley-Coar specialized in creditors' rights, bankruptcy and corporate reorganizations and practiced at the national law firms, Bell, Boyd & Lloyd and Seyfarth, Shaw & Geraldson.

Bradley-Coar earned a BA, cum laude, from the University of Pennsylvania, a JD from the University of Pennsylvania Law School and an MBA from Northwestern University, Kellogg Graduate School of Management.

Bradley-Coar has provided thought leadership for companies in a wide range of industries, and has extensive leadership, strategy, transactional and risk management experience. She has been a speaker on a wide-range of topics including the role of corporate counsel, risk management and compliance, and diversity in the legal profession. She is involved in numerous boards and organizations and has received many civic and professional awards and honors for outstanding leadership and service.

Professional & Industry Experience

Commercial & Corporate Transactions

Corporate Turnaround/Reorganization Skills

Management of Global Teams/Issues

Enterprise Risk Management

Board of Directors

Industries:

- Healthcare
- Insurance
- Financial Services

Education

MBA, Kellogg Graduate School of Management, Northwestern University (2000)

JD, University of Pennsylvania Law School (1989)

BA, University of Pennsylvania (Honors) (1986)

GE Executive Leadership Courses

Current & Former Affiliations

GE Chairman's Diversity Council

American College of Healthcare Executives

American Bar Association, Litigation Magazine (Associate Editor)

Bankruptcy, Text, Statute & Rules Treatise (Contributing Editor)

American Corporate Counsel Association

Northwestern University Executive Women's Network

Executive Club of Chicago

Historymakers

Bar Admission - Illinois

COUNTY OF MILWAUKEE
INTEROFFICE COMMUNICATION

DATE: February 3, 2011

TO: Supervisor Lee Holloway, Chairperson, County Board of Supervisors
Supervisor Michael Mayo, County Board of Supervisors

FROM: Jack Takerian, Director of Transportation and Public Works

SUBJECT: **2012-2016 Milwaukee County Land and Water Resource Management Plan**

POLICY

In 1997, the State Legislature, through Wisconsin Act 27, amended Chapter 92 of the Wisconsin Statutes, requiring that all counties develop a land and water resource management plan that must be updated every five years to remain eligible to receive conservation staff funding and cost-share grant funding from the State.

The DTPW Director is requesting that the County Board of Supervisors approve the 2012-2016 Milwaukee County Land and Water Resource Management Plan.

BACKGROUND

In 2001, and again in 2006, the Milwaukee County Board of Supervisors approved the Milwaukee County Land & Water Resource Management Plan.

Milwaukee County has completed the most recent update, which will cover the 2012-2016 period. Pending approval of the Milwaukee County Board of Supervisors, the plan will go before the State Land and Water Conservation Board for final State approval in April 2011.

A State-approved land and water resource management plan is needed to remain eligible for many State resource management grants.

RECOMMENDATION

The Director of Transportation and Public Works requests that the County Board of Supervisors approve Milwaukee County's 2012-2016 Land and Water Resource Management Plan.

Prepared by: Timothy Detzer, P.E., Environmental Engineer

Approved by:

Jack Takerian, Director
Transportation and Public Works

Greg High, P.E., Director
Transportation and Public Works -AE&ES

2/3/11

cc: County Executive Marvin Pratt
Terry Cooley, Chief of Staff
Supervisor Gerry Broderick, Parks, Energy & Environment Committee Chairman

Part of 3.

Workplan Objective	Planned Actions	Status of Planned Actions	Agencies	Priority
Goal 2: Protect, Maintain, and Restore Land and Water Resources in Milwaukee County				
Manage Contaminated Sediments for Water Quality Benefit	Support efforts to determine best strategies for managing contaminated sediments	Ongoing	US EPA, WDNR, MMSD	M
	Support efforts to implement best strategies for managing contaminated sediments	Ongoing	US EPA, WDNR, MMSD	M

From the Director of Transportation and Public Works requesting that the County Board of Supervisors approve Milwaukee County's 2012-2016 Land and Water Resource Management Plan, by recommending adoption of the following:

A RESOLUTION

WHEREAS, the State of Wisconsin in Chapter 92 of the State Statutes requires counties to develop land and water resource management plans and update these plans every five years to receive State conservation funding; and

WHEREAS, the Milwaukee County Board of Supervisors has previously approved Milwaukee County's Land and Water Resource Management Plans in 2001 and 2006; and

WHEREAS, Milwaukee County has completed an update for the Land and Water Resource Management Plan for the period 2012 through 2016; and

WHEREAS, the Milwaukee County Board must approve the plan before it goes to the State Land and Water Conservation Board for approval; and

WHEREAS, a State-approved Land and Water Resource Management Plan is required for many State resource management grants; now therefore

BE IT RESOLVED, that the County Board of Supervisors does hereby approve Milwaukee County's 2012-2016 Land and Water Resource Management Plan.

MILWAUKEE COUNTY FISCAL NOTE FORM

DATE: January 26, 2011

Original Fiscal Note ☒

Substitute Fiscal Note ☐

SUBJECT: 2012 DATCP Staffing and Cost-share Grant for Land Conservation Activities

FISCAL EFFECT:

☒ No Direct County Fiscal Impact

☒ Existing Staff Time Required

☐ Increase Operating Expenditures
(If checked, check one of two boxes below)

☐ Absorbed Within Agency's Budget

☐ Not Absorbed Within Agency's Budget

☐ Decrease Operating Expenditures

☐ Increase Operating Revenues

☐ Decrease Operating Revenues

☐ Increase Capital Expenditures

☐ Decrease Capital Expenditures

☐ Increase Capital Revenues

☐ Decrease Capital Revenues

☐ Use of contingent funds

Indicate below the dollar change from budget for any submission that is projected to result in increased/decreased expenditures or revenues in the current year.

	Expenditure or Revenue Category	Current Year	Subsequent Year
Operating Budget	Expenditure	0	0
	Revenue	0	0
	Net Cost	0	0
Capital Improvement Budget	Expenditure	0	0
	Revenue	0	0
	Net Cost	0	0

DESCRIPTION OF FISCAL EFFECT

In the space below, you must provide the following information. Attach additional pages if necessary.

A. Briefly describe the nature of the action that is being requested or proposed, and the new or changed conditions that would occur if the request or proposal were adopted.
B. State the direct costs, savings or anticipated revenues associated with the requested or proposed action in the current budget year and how those were calculated. [1] If annualized or subsequent year fiscal impacts are substantially different from current year impacts, then those shall be stated as well. In addition, cite any one-time costs associated with the action, the source of any new or additional revenues (e.g. State, Federal, user fee or private donation), the use of contingent funds, and/or the use of budgeted appropriations due to surpluses or change in purpose required to fund the requested action.
C. Discuss the budgetary impacts associated with the proposed action in the current year. A statement that sufficient funds are budgeted should be justified with information regarding the amount of budgeted appropriations in the relevant account and whether that amount is sufficient to offset the cost of the requested action. If relevant, discussion of budgetary impacts in subsequent years also shall be discussed. Subsequent year fiscal impacts shall be noted for the entire period in which the requested or proposed action would be implemented when it is reasonable to do so (i.e. a five-year lease agreement shall specify the costs/savings for each of the five years in question). Otherwise, impacts associated with the existing and subsequent budget years should be cited.
D. Describe any assumptions or interpretations that were utilized to provide the information on this form.

A. Adoption of the resolution would constitute County Board approval of the 2012-2016 Land and Water Resource Management Plan and would qualify it for State approval.

B. County Departments will absorb costs associated with implementation of this plan through staff costs and current operating expenditures that are earmarked for land and water management objectives. Approval of the plan will allow us to continue to receive staffing grants of approximately $85,000 annually to offset the costs of the plan. These funds are already accounted for in the operating budget.

C. No impacts

D. None

[1] If it is assumed that there is no fiscal impact associated with the requested action, then an explanatory statement that justifies that conclusion shall be provided. If precise impacts cannot be calculated, then an estimate or range should be provided.

Department/Prepared By DTPW-Environmental Services, Tim Detzer, P.E.

Approved by:

Jack Takerian, Director Transportation & Public Works	Greg High, Director DTPW-AE&ES

Did DAS-Fiscal Staff Review? ☐ Yes ☒ No

Reviewed With:

COUNTY OF MILWAUKEE
INTEROFFICE COMMUNICATION

DATE: May 2, 2011

TO: Supervisor Gerry Broderick, Chairperson, Parks, Energy & Environment Committee

FROM: Steve Keith, Chair of Green Print Work Group
Gary Waszak/DTPW
Greg High/DTPW
Guy Smith/Parks
Pamela Bryant/DAS
Glenn Bultman/County Board

SUBJECT: **Status Report on the Implementation of the Green Print Resolution Provisions - Informational Report**

Background

The "Green Print" resolution requires regular reporting to the County Board on the status of its implementation. Reporting began in 2008. This is the first report for 2011.

Current Status on Each Provision (designated by the bulleted items)

Performance Contracting/Construction

- *The Department of Public Works shall adopt a wide-scale performance contracting initiative to review and retrofit 20% of all County public buildings annually with high-performance, energy efficient technology in an effort to save money once a baseline assessment has been performed by department staff. The Department of Transportation and Public Works will be required to report back quarterly on the progress made and savings achieved.*

Status

Guaranteed energy savings performance contracts (GESPCs) have provided one of the main mechanisms for energy-efficiency improvements to County buildings over the past few years. Phase 1 contracts were completed at the end of 2009. The buildings that were retrofitted as part of the Phase 1 contracts and the guaranteed energy savings for those projects are summarized in Table 1.

A list of buildings to be addressed as part of Phase 2 performance contracts were developed in the Spring of 2010. This list is provided in Table 2. Technical energy audits (TEAs) have been completed on most of the list of approved buildings, and these

audits have been used to define the scope of the Phase 2 contracts. There are three Phase 2 GESPCs in various stages of completion. One of the contracts – Honeywell - has been approved and is being implemented. Contract terms for a second GESPC – AMERESCO - are still being negotiated. The third GESPC – Johnson Controls (JCI) – is being revised to address concerns identified by DAS in their due diligence review. DAS's 9/30/10 memo to the TPW and Finance Committees recommended the contract include some different energy savings measures than included in JCI's original proposal. An alternative proposal was submitted to the County Board for approval in the April 2011 cycle. The anticipated energy savings from the Phase 2 contracts is summarized in Table 3. The anticipated environmental benefits from both phases, once complete, are summarized in Table 4.

Aside from improvements achieved through the GESPC, energy-savings measures are being performed elsewhere throughout County facilities. Some of the work is being done as part of the capital improvement plan, grants or from operating budgets as they may allow. Examples of energy savings measures implemented since the last report include:

At GMIA, a variety of improvements are underway including the following:

Replacement of heating, ventilation, and air conditioning (HVAC) equipment with more energy-efficient versions; adding new energy-efficient variable speed drive motors throughout the terminal and concourses; and replacing a boiler at the Power Plant with a more efficient boiler. These projects are expected to be complete by the end of the summer.

Design of lighting revisions to GMIA's main parking structure is in progress and preliminary assessments by the consultant estimate a savings of 55% or greater can be achieved through the re-lamping the structure with more energy-efficient fixtures. Given the significant amount of electricity used by the parking structure (a 24/7 operation), the resultant savings could be substantial.

In Concourse E, 130 mercury vapor light fixtures were replaced with more efficient fluorescent lamps, which use less than half the amount of power.

The 1st and 2nd floor of the GMIA Administration office area contained 307 light fixtures with various types of older style, less energy efficient lamps and ballasts. The electrical department installed new light fixtures that provided better light output while using fewer lamps and ballasts with a higher power factor. The more efficient design of the fixture allowed us to use fewer light fixtures as well. These improvements reduced the wattage by 57%. Also installed in these areas were occupancy sensors and individual lighting controls which provides additional savings.

The South Maintenance/HWY/Fleet building interior lighting was modified. The HID and T12 fluorescent lamp fixtures were replaced with T8/T5 fluorescent lamp technology. As with the Admin office, the newer light fixtures provided better light

output allowing us to use fewer fixtures. The estimated savings for the building is Maintenance 33,502kW, HWY 22,394kW, and Fleet 31,152kw garage area and office area was 115,764kW per year. To put this in dollar figures, the energy savings for the lighting changes for this building alone are about $19,000 per year. This is based on lighting the building 16 hours a day for 275 days a year.

The exterior lighting in the south ticketing roadway consisted of older technology lighting and these fixtures were replaced with new LED technology lighting. The total connected wattage was reduced from 13,356 watts to 3,720 watts. The old lamps had a 10,000 to 22,000 hour lamp life versus the LED which has a 50,000 hour life, thus reducing the maintenance requirements by over 50%. This also means less the maintenance vehicles blocking the road for our customer traffic. The LED lighting provides a newer and very appealing look to the airport entrance area.

The airport maintenance and engineering staff are continually evaluating opportunities for ways to improve the airport buildings overall function and appearance, while reducing energy and maintenance costs. In the ticketing building, plans are to replace the lobby area HID lighting with LED lighting. Some of the GMIA taxiway high wattage lighting has been replaced with LED lights. Additional airfield lighting will be replaced as LED technology improves.

At Timmerman Airport, LED lighting was installed in the parking lot areas as part of a parking lot reconstruction project. 13 LED fixtures were installed on light poles. The LED fixtures have an estimated life of between 60,000 and 100,000 hours and will reduce the energy consumption of the original fixtures by approximately 60%. The project's estimated payback period is under 8 years and reduces the amount of time the GMIA electricians need to travel to the site

At Research Park and the Safety Building, lighting fixtures (770 and 1,500 respectively) were changed from T12 to the more efficient T8 fixtures. These conversions were paid through ARRA grant funding. These projects have an estimated energy savings of about 550,000 kWh per year (over $40,000/yr at 8 cents/kWh).

At the Community Correction Facility South (CCFS), energy recovery units will be added in the shower area to capture heat from the exhaust system. The project is expected to be completed by early fall. CCFS has also installed four exterior LED lights in high-traffic areas. Not only do these LED fixtures have extended life-spans (15 years), but the improvement in the quality of the light is such that it may significantly reduce the cost of the security cameras needed to monitor these areas.

At the Public Museum, a review of the air handling system found it was out of balance, and corrective measures to more closely balance the amount of air heated with the amount exhausted should result in a significant energy savings. The review identified 16 different energy-saving opportunities, many of which are estimated to cost $2,000 or

less to implement, but would result in immediate savings. Also, the MPM plans to replace a number of standard motors with new energy-efficient variable frequency drive motors later this year, which will reduce electricity consumption.

At the Marcus Center, existing HVAC equipment is being replaced with new energy-efficient equipment in four phases. Phases 1 through 3 are expected to be completed by early fall. The new equipment should achieve a minimum of 20% reduction in energy usage.

At the Fleet Administration Building, air distribution and lighting will be replaced with units that use 50% of the power that had been used; and existing air conditioning units at Fiebrantz, Fleet Unit Repair and Fleet Administration buildings will be replaced with new energy-efficient units. At the Transit Administration Building, the existing HVAC system is being replaced with a new energy-efficient system, and the electric hot water heating system is being replaced with a more economical natural gas fired hot water system. At the Fond Du Lac Transportation Building & Garage, a web-based HVAC controls system is being installed that will allow for remote monitoring of equipment and energy usage. Remote monitoring can help facility managers troubleshoot their building systems and controls for improved operations and energy efficiency. In its simplest application, remote monitoring can be used to react to equipment failures and alarms. However, more effective use relies more on proactively using remote diagnostics to minimize emergency calls, identify system inefficiencies, and resolve issues quickly when they do arise. This type of strategic foresight can result in reduced operational and energy costs by allowing maintenance staff to focus on predictive maintenance. This is the first such installation in Milwaukee County.

MCTS is planning to have high-efficiency lighting installed in the Fleet Maintenance building located on 1525 W. Vine Street. The high-efficiency lighting will be installed in the office area, locker room, lunchroom, and training areas of the facility. The project consultant has estimated the high-efficiency lighting to be 50% more energy efficient than the current lighting. The system will be designed this Spring and installation of the new lighting is planned to begin in October of this year.

The electric baseboard heating system in the MCTS Administration Building is in the final stages of its installation. It is being replaced with a gas heating system. This project is expected to be completed by the end of April. The project consultant anticipates this change will produce at least a 50% energy savings.

At the LaFollette Pavilion and Dretzka Clubhouse, the furnaces are being replaced with smaller high-efficiency units that will more efficiently provide heating in each building. In addition, occupancy sensors are being installed to control outside air dampers to provide fresh air only as needed when occupied.

During the presentation of the previous report, Parks, Energy & Environment Committee members requested additional information be provided on the economics of the actions completed, under construction or under design. A cost-avoidance review

report, prepared for the Phase 1 Honeywell GESPC, is provided in Appendix A. An analysis of the economics of a range of other projects is provided in Appendix B.

- *Once repayment of the Energy Savings Company is completed, the 50% of savings realized from energy conservation shall be accounted for and used to fund future energy efficient projects that reduce the County's dependency on short-term borrowing and bonding in order to expedite performance enhanced savings measures on future County building projects, thereby accelerating the future cost savings timetable.*

Status

Currently the savings realized from the GESPCs is being used to pay down the debt on the GESPC contracts. Because the payback period for these contracts is approximately 8 to 10 years, the savings would not be available until after year 2018. Therefore, the Work Group has temporarily postponed action on this item.

- *Require that all county-supported construction projects meet Leadership in Energy and Environment Design (LEED) standards beginning in 2008.*

Status

Milwaukee County continues to work to incorporate sustainable design into its construction projects. Increased emphasis has been placed on sustainable design, and there is increased awareness and experience on the part of design staff, consultants and contractors. The following provides some examples (not a complete summary) of project actions incorporating sustainable design concepts:

As part of the design of the GMIA's Combined Maintenance Facility, GMIA staff and consultants are reviewing the potential for incorporating sustainable design options, such as the use of more energy-efficient building envelope, natural lighting, and solar or geothermal heating. The consultant selection process required the consultants provide their experience in sustainable design as part of their qualifications package.

The GMIA baggage handling area project is currently in the design phase. As part of the design scope, the consultant has identified a number of sustainable design options that could be incorporated into the project. A mock LEED rating has been conducted and the base case design was considered to meet the minimum requirements for LEED certification. Pursuit of LEED certification is under consideration.

GMIA is reviewing the potential for installing a solar panel to power new LED sign and memorial tree lighting at the corner of Howell and Layton.

As part of the construction of various roadways and parking lots, the surface course and binder course are specified to allow salvaged or reclaimed asphaltic material and require the recycling of demolished steel and concrete, for the following projects:

- Entrance and Parking Lot , 750 N Lincoln Memorial Drive
- Mitchell Park Domes Entryway Renovations
- Hoyt Park Site Improvements and Hoyt Park Pool Demo
- Root River Parkway Road Reconstruction

At Hoyt Park, native plantings are planned for the landscape improvements and low-VOC paints will be used for parking lot markings. LED lighting was considered and bid as an alternative, but budget limitations precluded them from being installed.

Low VOC paint, and high-efficiency pumps, and dust control tenting is being specified for the new water tower at County Grounds.

Renovations at Jackson Park Pool, Sheridan Park Pool, Washington Park Pool, and MaCarty Park Pool include the use of new PVC pool liners that eliminate the use of protective coatings that contain high volatile organic carbon (VOC) emissions.

As part of the Kosciuszko Park Pool heating system improvements, the option of incorporating a solar component to the system is being evaluated. While it continues to be reviewed, physical constraints, such as the area required for the solar panels and energy losses to pump water from the mechanical room to the pool, could make the use of solar heating for this given application impractical.

For Contract 2 of the Parks Playground Reconstruction, the project specifications require that rubberized surfaces be made from recycled tires, and allows the use of recycled asphalt in the hot mix asphalt furnished for the project as well as the use of recycled concrete as a base course.

At the Zoo, permeable pavement has been installed at the terrace area, and also along the north edge of the main parking lot. These areas were formerly paved with asphalt but a permeable pavement was substituted over a portion of the asphalt to manage stormwater better. Rainwater draining through the permeable pavement is collected in an underdrain system which either percolates rain water into the ground or overflows into adjoining rain gardens.

As part of the proposed O'Donnell Park Parking Structure Façade Improvements, many of the products used in the renovations were specified to incorporate a minimum recycled content. Metal steel framing, pipe and tube railings, architectural wire metal panels, Dri-Design metal wall panels were required to have a minimum 25% recycled content. Many of these products are manufactured in Wisconsin or Michigan. These products would attain LEED credits MR 4.1/4.2 for recycled content and LEED credits MR 5.1/5.2 for local manufacture/harvest. Application of these criteria would result in

the overall project attaining an overall 5.3% post-consumer 29.3% industrial (pre-consumer) recycled content.

Most projects (i.e., where appropriate) are requiring the contractors to provide a construction waste recycling plan as part of the project. At O'Donnell Park Façade, for example, more than 840 tons of concrete and over 38 tons of metals removed from the site were directed to recyclers instead of to landfills.

Resource Management

- *Review the storm water management plan with Milwaukee Metropolitan Sewerage District (MMSD) to reduce the amount of storm water runoff from County facilities that aid MMSD in its efforts to reduce runoff throughout the County, and adopt plans to manage runoff from new development projects.*

Status

As part of its NR 216 County-wide stormwater permit, Milwaukee County staff performs regular monitoring of storm water outfalls and discharges. Reports of illicit connections or discharges are investigated and sampled and tested. Milwaukee County Environmental Services staff has begun creating a Stormwater Pollution Prevention Plan (SWPP) for McKinley Marina. County staff continues to monitor all sites with SWPPs including the Zoo, Fleet Maintenance, North Shop and Timmerman Airport.

The County DTPW is currently undertaking a study, with the assistance of a consultant, to prepare an internal design guidance document for parking lots, that will encourage the use of Best Management Practices to reduce the adverse impacts of stormwater runoff from our parking lots. The County owns more than 200 surface parking lots which includes over 1 million square yards of impervious surface. This document will provide technical guidance for County staff and consultants to deploy practices such as bioinfiltration swales, subsurface stormwater chambers and porous pavement, when these lots are repaved or reconstructed in the future. The guidance document is planned to be complete by Fall, but may be beta-tested this summer with an ongoing project.

Ongoing projects include the construction of permeable pavement systems combined with rain gardens at the Zoo and the Zoo parking lot, and a rainwater harvesting system at the Milwaukee County Zoo. The use of infiltration systems is under consideration for the reconstruction of the Sports Complex parking lot.

A listing of the County's green infrastructure projects is provided as Table 5.

- *Direct the Director of Transportation and Public Works to examine the potential use of "gray water" for applications where treated water may not be needed and report back to the Committee on Transportation, Public Works, and Transit in May of 2007 with potential applications and associated costs.*

Status

A report on this subject was submitted in 2009. Milwaukee County continues to reduce water consumption through the progressive replacement of older fixtures with more water-efficient versions, and where applicable, waterless urinals and dual-flush toilets on upcoming projects. Rainwater harvesting systems have been installed at Boerner Botanical Gardens and at the Primate House at the Milwaukee County Zoo.

As part of the Mitchell Park Domes Entry Landscaping project, the existing reflective pools will be replaced with planting beds that will feature flowering perennials and shade trees. The project is also being designed to divert rainwater collected from the rooftops of the domes to the former pools that will now serve as storage to be used to irrigate the planting beds. The former pool area will be completely covered by pervious pavers and provide outdoor space for visitors and school children.

- *Direct the Director of Parks to place receptacles for recyclable materials in all Milwaukee County Parks where applicable.*

Status

For 2011, Parks has established contract agreements for the placement and pickup of large (roll-off) recycling containers at 22 different park facilities for the Spring/Summer/Fall season. The smaller recycling containers located inside buildings are emptied into these larger containers, which get picked up by the recycler on a periodic basis. The frequency of collection will vary by location. Parks estimates that over 14,000 pounds of mixed recyclables will be collected during the contract period from these facilities.

For the year 2010, Facilities recycled nearly 6,000 lbs of plastic/glass/aluminum, over 61,000 lbs of office paper, over 101,000 lbs of mixed paper and over 61,000 lbs of cardboard, generating a revenue of about $7,000 from the recyclables.

DHHS recycles paper, glass and aluminum containers. For 2010 through the month of August, the Records and Volunteer Center recycled over 240,000 pounds of office paper, over 25,000 pounds of cardboard, and generated revenue over $18,000 from the recyclables.

Fleet and MCTS both recycle used oil from their fleet and bus operations. MCTS recycled over 20,000 gallons of used oil in 2010 and Fleet recycled over 38,000 gallons

of used oil in 2010. Fleet also recycles its used tires, spent anti-freeze fluids and spent batteries.

The County Correctional Facility – South (or CCFS, formerly the House of Corrections) recently expanded its recycling efforts. Along with the common categories of cans, bottles and mixed paper, CCFS has found they can also cost-effectively recycle a variety of other materials, including steel scrap and tin cans from kitchen operations; copper, aluminum, brass, cast iron and stainless steel; sorted office paper and paper scrap from the Print shop, as well as colored paper; cardboard; automotive batteries, radio batteries, cordless batteries, and deep cycle batteries. CCFS has even explored the potential for recycling plastic bags and plastic stretch wrap that accompany palletized shipments. The following are the quantities recycled between September 2010 and March 2011 (approx 6 months), which generated approximately $7,700 in revenue:

- Pounds of Cardboard 19,500 lbs
- Plastic Bottles 470 lbs
- Office paper 4,919 lbs
- Mixed Paper 956 lbs
- Trim Paper 3,930 lbs
- Tin Cans 1,961 lbs
- Waste oil 165 gal
- Electric motors 778 lbs
- Iron Scrap 35,460 lbs
- Sheet Iron 6,160 lbs
- Steel 26,540 lbs
- Bread trays 3,742 lbs
- Plastic Trays 1,867 lbs

In the fall of 2010, the Milwaukee County Zoo initiated a composting partnership with the urban farm organization Growing Power. At this time, on an intermittent basis, the Zoo's grounds crew transports herbivore waste, used bedding, leftover food and produce scraps from diet preparation to one of Growing Power's composting sites. Once there, Growing Power staff turns it for many weeks until it is converted into fertile topsoil for urban farms that need it. In the future, both the Milwaukee County Zoo and Growing Power hope this periodic transport will continue on a consistent basis, depending upon both the Zoo's amount of material, and Growing Power's capacity to process it. Until recently, all of the Zoo's bedding and food waste had been going to the landfill. By composting this waste, we are accomplishing the "triple bottom line" of environmental + social + economic goals by reducing greenhouse gases emissions, supporting urban agriculture, and reducing our waste management costs. Once the composting program is implemented five days a week, the Zoo has the potential of keeping around 80 tons of waste out of our landfill each month, and the Zoo will save thousands of dollars on landfill fees annually.

Parks Department and the Department on Aging are working with Friends of Havenwoods Environmental Awareness Center to construct an urban garden at McGovern Park. The intent is to have local residents from the neighborhood harvesting their own healthy vegetables in close proximity to their home. This project helps reduce carbon emissions by residents not having to travel further to grocery stores to purchase fresh fruits and vegetables (which likely traveled long distances already). This project also brings residents to the Park, which will give them even more of a sense of stewardship for this greenspace.

On January 1, 2011, MCTS installed a new process of disposing oil absorbent material. MCTS contracted Jensen Environmental to pick-up and recycle our used oil-dry material and used oil-mats. The oil-dry and oil-mats are used to clean up any oil spills. After the spills are cleaned up, the soiled oil-dry and oil-mats will be placed in designated drums. These drums will be picked up by the vendor on a regular basis. The vendor will recycle the used oil absorbent material.

Milwaukee County is in the initial stages of preparing a County-wide recycling plan. The plan will summarize current recycling practices and provide recommendations for improvements. The plan is being prepared through the combined efforts of the Sustainability & Environmental Engineer and the recycling coordinators from each major department. Keep Greater Milwaukee Beautiful will also assist in the process of developing the plan. A draft final plan is expected to be ready by September.

- *Direct the Director of Parks to create a plan to return areas of park land, not actively utilized by the public, to native grassland and prairie reserve areas that will require no physical maintenance or the burning of fossil fuels; this plan should be presented with a scope of work and cost to the Parks Committee for approval by September 2007.*

Status

Parks Department's Natural Areas staff and volunteers have been active in the removal of over 20 species of non-native invasive plants and implementing habitat restoration at more than 40 County Parks (1,200 acres). These are cooperative efforts between Parks staff, volunteers, and partners. In 2010 the Natural Areas staff worked with 51 different partner organizations and 2,800 natural areas volunteers that donated nearly 17,000 hours toward improving the quality of the Parks Department's natural areas.

Parks Natural Areas staff is completing an extensive inventory of the 10,000 acres comprising the Parks Natural Areas Program. The inventories provide a database on vegetative cover, invasive species, ephemeral wetlands, wildlife populations, and native plantings that will prove to be useful in future management. In addition to restoration

activities staff planted 19 acres of prairie and 5.5 acres of hardwood trees while expanding existing pollinator gardens.

The 2011 Recommended Capital Improvements Budget for the Parks Department includes an appropriation of $61,000 to convert 20 acres of parkland from mowed grass to native trees and shrubs in order to reduce overall maintenance costs. It is estimated that the payback period for this project will be two years.

Alternative Energy

- *Direct the Director of Transportation and Public Works to examine the use of renewable energy sources such as wind and solar power for facilities within Milwaukee County and report these findings back to the Transportation, Public Works, and Transit by the July 2007 cycle.*

Status

A report on renewable energy opportunities was provided to the committee in 2009. The report concluded that top priority should be energy conservation, but that renewable energy projects should be pursued to a limited scale until their cost/benefit comes more in line with conservation measures. By doing so, we will be better positioned to capitalize on these systems when their cost-effectiveness warrants implementation on a larger scale.

Since that time, the following projects have been installed or are under design:

- A flower-shaped solar photovoltaic (solar PV) system installed near the Lakeview Restaurant at the Milwaukee County Zoo (1.4 killowatt system).
- A solar hot water system at the Washington Park Senior Center that provides domestic hot water there.
- A solar PV system at Juneau Park Comfort Building (3.3 kilowatt system)
- A solar PV system at the Wilson Park Senior Center (3.1 kilowatt system)
- A solar hot water heating system at the Washington Park Boat House (under design)
- Solar PV panels at the entrance to the Milwaukee County Zoo (10 killowatt system)
- Solar hot water system at the Zoo's Aquatic-Reptile Center (under design)

Through a cooperative effort with Milwaukee Shines, a solar site assessment is in progress at GMIA at no cost to Milwaukee County. The assessment will help ascertain the best applications for renewable energy technologies at the airport and will provide a foundation for future projects and grant applications.

DTPW-A&E staff are working on having flat screen displays installed at the Senior Centers to display the real-time energy production from the solar systems. The data will also be sent to an internet site for access by the general public.

Through the above projects, A&E staff are gaining valuable experience in designing and installing solar systems as well as securing grants for these systems. These efforts include preparing technical specifications, coordination of interconnection requirements, structural assessments, and sequencing and local permitting. Our increased awareness of these items will improve our efficiency in future designs. Ultimately, these projects should also provide good venues for public education about solar energy.

- *Direct the Director of Transportation and Public Works to purchase, when applicable, new cleaner technology fleet vehicles that use alternative fuels such as bio-fuels, hybrids, and plug-in hybrids. If such vehicles cannot be purchased, the Director shall document why such purchases could not be made and report back to the appropriate committee.*

Status

DTPW Fleet has taken delivery of 35 Ford Fusion hybrid electric sedans. The Ford Fusion hybrids utilize a regenerative braking technology to capture over 90% of the energy normally lost when braking.

A hybrid electric bucket truck is on order with delivery anticipated in Fall of this year. The provider of the grant funding, Wisconsin Clean Transportation Partners, has allocated an additional $300,000 in grant funds to purchase three additional electric bucket trucks. This funding became available as some grant recipients were unable to fully utilize their grant amounts and Milwaukee County was well-positioned to receive the available funds.

Milwaukee County Transit System continues to phase in new diesel-powered buses equipped with state-of-the-art emissions controls.

Table 6 summarizes the County's current fleet of alternative fueled vehicles.

The County was also instrumental in securing the grant funding for the installation of the CNG filling station located on South Howell Avenue, which has been in operation since 2005. Current CNG prices are approximately $2.00/gal (GGE); which translates into a significant savings for the County to operate its airport parking shuttles over the cost of a diesel version.

- *Require Department heads to seek all grants in compliance with Milwaukee County Ordinance Chapter 59.06 that focus on energy efficiency and renewable energy.*

Status

Milwaukee County applies for incentives on projects eligible for grants through Wisconsin's Focus On Energy program. In 2010, Milwaukee County received over $100,000 in incentive dollars from Focus. Since 2008, Milwaukee County has received over $280,000 in financial incentives from Focus On Energy for over 50 energy-saving projects completed. According to recent correspondence from Focus, these projects alone result in reducing utility bills by over $350,000 annually in energy costs for those projects. We currently have more than a half-dozen incentive applications in the queue, which could generate an additional $168,000 in incentives when these projects are completed.

The Milwaukee Public Museum is applying for a grant from the Milwaukee Metropolitan Sewerage District for a green roof. The green roof would be installed on the 6th floor area. An educational component, including the participation of youth groups, would be a key element to the project.

Fleet has secured additional funding to supplement an existing grant to purchase three more electric hybrid bucket trucks. The WCTP offered Milwaukee County an additional $300,000 to cover the incremental cost of replacing these vehicles, which are much more fuel-efficient than the diesel variety.

Milwaukee County continues to implement and administer various grants that were obtained in 2010, including two green roof/rainwater harvesting grants from the MMSD (Domes and Zoo), energy efficiency grants from ARRA (Facilities and Museum), and alternative fuel vehicle grants from the Wisconsin Clean Transportation Partnership (Fleet).

The Fund for Lake Michigan Program is a new program that provides grants to restore habitat or improve the water quality in rivers in southeastern Wisconsin that flow into Lake Michigan. Both Parks and DTPW have submitted letters of interest and intend to submit full applications later this summer.

Milwaukee County inquired into the Focus On Energy's recent solicitation for an Energy Manager grant, but was informed that the County was ineligible since it had received the grant previously.

While grant funding is being pursued, the amount of time required to prepare applications and to administer the grants can be considerable. Given the limited availability of staff time, the pursuit of grants requires some degree of selectivity and weighing the potential for a successful application. A federal or state grant, for example, could require between 40 to 100 hours of staff time to prepare the application. (For a federal grant application in 2009, for example, we received a consultant proposal for $6,000 to prepare the grant application.) Many grants require matching funds, which if unavailable, could negate the pursuit of the grant.

Education

- *Improve staff awareness of green initiatives and programs so they can be implemented on new project and initiatives.*

  and

- *Encourage staff to participate in education efforts that support green initiatives for applications both at work and home*

Status

An electronic newsletter (The Green Print) was prepared and circulated to County staff in March (copy in Appendix C). The newsletters are intended to increase awareness of Milwaukee County staff about sustainable actions within Milwaukee County. Newsletter topics included the new sustainable infrastructure installations efforts at the Zoo, new hybrid vehicles added to our fleet, increased recycling efforts at HOC, and a composting agreement arranged between the Zoo and Growing Power, one of Milwaukee's larger urban farming organizations.

On April 2, Parks hosted the Green Living Festival at the Mitchell Park Domes. The festival featured demonstrations and presentations on ways homeowners can save money through energy conservation and reduce adverse impacts on their environment. The event was co-sponsored by Keep Greater Milwaukee Beautiful.

A media event was held on January 31 at the Fleet Maintenance Building to announce the County's addition 35 hybrid electric sedans to its fleet.

Focus On Energy was granted a request to reference several Milwaukee County projects in a presentation planned for the American Institute of Architects National Convention in mid-May in New Orleans.

Ellen Censky, Milwaukee Public Museum, served on the planning committee and also as session co-chair at the 2011 Green Energy Summit, a national conference held at the Frontier Airlines Center from March 9-11. Steve Keith, Sustainability & Environmental Engineer, presented at the conference on Milwaukee County's energy-savings improvements to its buildings.

Milwaukee County was featured in the Wisconsin Clean Transportation Partners' February Newsletter, acknowledging the County's expanded fleet of hybrid vehicles. The newsletter is distributed to business and governmental partners throughout the state. (Appendix C)

DTPW- Environmental Services has been working with the Menomonee River Group, a consortium of municipalities and NGOs working towards improving water quality in

the Menomonee River. To date, the primary focus of efforts have been towards supporting public education and grant applications.

At the Wisconsin Beach Health conference at Wind Point on May 4, a featured presentation was on the Bradford Beach stormwater bioinfiltration (rain gardens) design and implementation.

Milwaukee County has joined the North Star Sustainability Network. This recently formed organization was created to promote a forum for government staff in Wisconsin and Minnesota charged with sustainability duties to exchange ideas and information with their respective peers. The County's Sustainability & Environmental Engineer facilitated the first regular conference call meeting of this organization in March.

The Sustainability & Environmental Engineer was asked to participate in a full-day meeting on February 24 to assist MATC in developing a new energy-based curriculum. The event convened experts from various corporations and government entities, including Johnson Controls and the City of Milwaukee Housing Authority.

Milwaukee County is hosting a workshop titled – "Sustainability in Local Governments". The workshop is the result of a collaborative effort between the County, the City of Milwaukee and the MMSD, and is being co-sponsored with the Wisconsin Green Building Alliance. The workshop will be held at the Zoo's Peck Welcome Center on May 4 (Appendix D).

The Zoo/Park's annual safety fair included a display featuring energy-saving tips and financial incentives for homeowners. The display was provided through cooperation with Wisconsin's Focus On Energy program.

DTPW staff attended the MMSD's Sewer Inspection conference on February 10. This free seminar focused on means of detecting and mitigating infiltration and inflow (I&I) into storm sewers as well as erosion control practices for construction projects.

Staff from DTPW-Environmental Services has established a cooperative working relationship with staff from City of Milwaukee Housing Authority to exchange information and experience with the installation of solar energy systems. Staff from respective departments intend to continue to meet on a regular basis, tour each others' installations, and review design issues for the mutual benefit of each organization.

Staff from DTPW-Environmental Services is working with staff from Department on Aging to develop sustainability education materials for their senior citizen programs. Staff met with the Nutrition Council during their April meeting.

The Sustainability & Environmental Engineer has been asked to present and participate in a panel discussion at Office Max's Environmental Summit on May 25th.

To facilitate communication and coordination between the County, City of Milwaukee, and MMSD's sustainability efforts, the Sustainability & Environmental Engineer meets monthly with the sustainability coordinators from the City of Milwaukee and MMSD. Outcomes from the collaboration include the May 4 workshop and establishing a set of common sustainability goals.

With the rapid changes in technology in lighting, HVAC, stormwater management, solar energy systems, and alternative fuel vehicles, keeping Milwaukee County staff trained in the design and maintenance of these systems presents a significant challenge to departments faced with tight operating budgets and limited staff availability. DTPW-A&E staff have worked to get some training through free webinars, workshops, and tours or through hosting presentations and workshops on the topics of energy efficient lighting, controls systems to improve efficiency, designing geothermal systems, bio-retention system design, electric vehicle charging stations, design of grey water systems, biodiesel applications, and green roadways design.

Staffing/Resources

- *Authorize and direct the Director of Administrative Services and the Director of Human Resources to develop a position of Director of Sustainability and report back to the Personnel Committee and the Finance and Audit Committee in September 2007 cycle for approval. The Director of Sustainability would be created for the purposes of overseeing current and future energy efficiency and eco-friendly initiatives beneficial to Milwaukee County and to aid departments in their efforts to comply with the provisions outlined in this resolution.*

Status

A proposal to create a full-time position of Director of Sustainability was considered by the County Board at the Parks, Energy & Environment Committee and the Finance Committee meetings in January. Establishing a full-time position should increase the County's capacity to address the numerous and varied goals of the Green Print.

Departmental Audit of Energy Efficiency

- *Require all departments to perform an internal audit of ways to improve energy efficiency and report back with recommendations and initiatives that have already taken place.*

Status

This audit was performed in 2010, and results were incorporated into a draft version of a County-wide energy benchmarking study. It would be useful to update this

benchmarking report with 2010 data, but this is a time-consuming process and currently beyond the time staff has available.

Milwaukee County is assisting Focus On Energy in their efforts to develop a state-wide benchmarking study. Results of the study will be made available to interested parties who are tracking energy use and benchmarking their buildings. To satisfy the needs of Focus, County staff compiled a list of information for various buildings. One observation from this effort is the need for additional metering for many buildings. Lack of metering throughout some buildings makes it more difficult to benchmark them, and therefore more difficult to evaluate improvements. As buildings have their electrical systems upgraded in the future, it is recommended that additional metering be considered to allow for more effective monitoring.

Milwaukee County's Energy Team continues to meet on a regular basis, with recent meetings in January and April. The meetings provide opportunity for valuable exchange of information between County operations/maintenance staff and to learn about new technologies and programs. The meetings generally include presentations by equipment and/or service providers. Recent meetings have discussed:

- Lessons learned from recent solar energy systems installation
- Combining passive and active lighting to minimize energy use
- Software/hardware systems for efficient control of building operations
- Electric vehicle charging stations
- LED lighting: products, performance, costs and how to specify them

Procurement

- *Enact the results of the Green Purchasing Task Force that were set in place by Resolution File 06-329 that calls for the use of environmentally preferable products.*

Status

A County policy regarding green purchasing was presented to the committee and approved in 2009. The County-wide policy was adopted to infuse the objectives of Green Print into purchasing operations, enhance knowledge of the cost/benefits of products being purchased and improve the health of County employees.

Since that time, a green purchasing advisory committee was formed that includes representatives from Facilities Management, GMIA, Fleet Management, Parks, Zoo and BHD/DHHS. The January meeting of the Advisory Group reviewed recent changes proposed by the Federal Trade Commission to restrict "greenwashing" advertising, expanding our list of green products we purchase. One of the goals of the Advisory Group in 2011 will be to develop standard specifications for green purchasing. A schedule for accomplishing that goal was laid out during the January meeting.

Two of the County's largest providers of office and cleaning products are MidAmerican Building Services and Office Max. Both of these organizations have strong commitment to the use of environmentally preferable products. A listing of environmentally preferable products used by MidAmerican and purchased from Office Max is provided in Appendix E. During the first quarter of 2011, Milwaukee County purchased over 300 different products from Office Max that contained recycled content between 30% and 100%. On a dollar basis, these items accounted for 1/3 of the materials purchased.

- *Continue to replace all traffic signals and signs with Light Emitting Diode (LED) signals and signs during regularly scheduled maintenance.*

Status

Currently 100% of all traffic lights under the jurisdiction of Transportation and Public Works are LED lit.

Prepared by: Stevan Keith, Chair, Green Print Work Group

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Table 1
Phase 1 GESPC Energy Savings Summary

Building/Facility	Electricity (kWh) [1]	Natural Gas (therms) [1]	Water (1,000 gal) [1]
King Park	220,438	3,748	
Kosciuszko Community Center	261,572	5,476	
Washington Park	18,094	1,373	
Wilson Ice Arena	130,406	3,369	
O'Donnel Parking	578,814		
Coggs Center	721,417	52,881	
Noyes Pool	157,728	20,363	
Pulaski Pool	82,356	11,809	
Court House	1,178,952		
Crim Justice Facilty	1,473,288		
Zoo - Administration	19,980	4,533	
Zoo - Flamingo	27,890	6,809	
Zoo - Peck Education Center	7,880	8,191	
Zoo - Lakeview	10,060	2,364	
Zoo - Peck Welcome	33,470	5,548	
Zoo - Res Directors	730	148	
Zoo - Special Exhibit	12,380	1,360	
Zoo - Zoofari Conference	42,950	10,738	
Zoo - Animal Health	12,280	3,963	
Zoo - Macaque bldg	-31,610	6,141	
Zoo - Austrailian		805	
Zoo - Aviary		986	
Zoo - Big cat feline	36,450	8,573	
Zoo - Old animal hospital	7,380	1,298	
Zoo - Apes	94,300	9,560	
Zoo - Aquatics/reptile	11,800	12,607	
Zoo - Small mammals		1,191	
Zoo - Heritage Old Ed	1,890		
Zoo - Heritage Dairy	9,680	963	
Zoo - Commissary	1,130	2,133	
Zoo - misc exhibits + plumbing			155,029
Zoo - cold drink misers	15,535		
Zoo - misc lighting	475,994		
TOTAL	**5,613,234**	**186,930**	**155,029**

$ equivalent cost avoidance				Simple ROI
Estimates from ESCOs	$392,289	$192,119	$57,684	14%
at 7 cents/kWh; $1.00/therm; $0.36/1000 gal :	$392,926	$186,930	$55,811	14%
at 9 cents/kWh; $1.10/therm; $0.45/1000 gal :	$505,191	$205,623	$69,763	17%

1. These are the guranteed amounts of energy savings, and acutal amounts of savings may be greater.
2. Simple ROI = Annual cost avoidance/Total cost
3. The $ equivalent are for comparative purposes only and do not reflect the actual ROIs for individaul projects

Table 2
List of Approved Buildings for Phase 2 TEAs

Children's Court Center on the County Grounds	219,539 square feet
Fleet Management	287,528
Parks Administration	27,131
Sports Complex	70,000
Boys/Girls Club in Sherman Park	56,000
City Campus Office Building	240,605
Villa Terrace Museum	34,710
Charles Allis Museum	13,234
Marcus Center for the Performing Arts	227,217
Milwaukee Public Museum	349,098
Wil-O-Way Recreation Center – Grant Park	10,509
Wil-O-Way Recreation Center – Underwood Pkwy	8,975
McGovern Senior Center	12,938
Rose Senior Center	35,849
Kelly Senior Center	14,590
Washington Senior Center	30,092
Wilson Senior Center	31,727
Transit Fleet Maintenance	204,578
Transit Administration	51,749

Table 3
Phase 2 GESPC Energy Savings Summary

Building/Facility	Electricity (kWh) [1]	Natural Gas (therms) [1]	Chilled Water (ton-hr) [1]	Steam (MLbs) [1]	Water (1,000 gal) [1]
Children's Court	892,461		103,384	1,315	713
Fleet Garage and Sheriff's Bldg	791,427			931	117
Parks Admin Bldg	2,100	0		0	
Court House	2,776,595	27,378		0	2,625
Crim Justice Facilty	199,136	11,163		0	9,543
King Park	6,600				
Kozi Community Center	2,055				
Wilson Park	82,500				
Noyes Pool		19,800			
Pulaski Pool		19,800			
Sports Complex	270,000				
Boys/Girls Club	15,000				
TOTAL	**5,037,874**	**78,141**	**103,384**	**2,246**	**12,998**

$ equivalent cost avoidance						Simple ROI
at 7 cents/kWh; $1.00/therm; $0.36/1000 gal :	$352,651	$78,141	$43,421	$22,460	$4,679	11%
at 9 cents/kWh; $01.10/therm; $0.45/1000 gal :	$453,409	$85,955	$43,421	$22,460	$5,849	13%
and $10.00/1,000 pounds of steam + 0.42/ton-hr CW						

1. These are the guranteed amounts of energy savings, and acutal amounts of savings may be greater.
2. Simple ROI = Annual cost avoidance/Total cost
3. The $ equivalent are for comparative purposes only and do not reflect the actual ROIs for individaul projects
4. Phase 2 work for King Park > Boys/Girls Club is still in negotiation stage and subject to change.

Table 4

ESTIMATED ENVIRONMENTAL BENEFITS (for 2011)

Waste Recycled	1,300 tons
Water Saved	168,000,000 gallons
Electricity saved	11,000,000 kilowatts
Natural gas saved	200,000 therms
Steam saved	3,000,000 pounds
Gasoline saved	2,500 gallons
Air emissions (CO2) avoided	9,646 tons

Benefits in terms of equivalents

Reduced air emissions in terms of 'autos off the road'	1,700 autos
Reduced energy consumption in terms of 'residential homes'	600 homes
Reduced waste consumption in terms of 'residential homes'	650 homes
Reduced water consumption in terms of 'residential homes'	1,300 homes

Table 5

Milwaukee County's 'Green' Infrastructure

Description	*Location*
Rainwater recovery/reuse	Boerner Botantical Gardens
Rainwater recovery/reuse (design)	Zoo
Parking lot stormwater bioswale	Bradford Beach
Parking lot permeable pavement	Zoo
Stormwater bioinfiltration raingardens (6)	Bradford Beach
Stormwater raingardens (3)	Lake Park
Stormwater bioinfiltration raingarden	McKinley Beach
Stormwater raingarden	Washington Park
Stormwater raingarden	Dineen Park
Stormwater raingarden	Humboldt Park
Subsurface stormwater infiltration	McKinley Beach
Subsurface stormwater infiltration	South Shore Park
Solar Flair (1.4 kW)	Zoo - Lakeview Café
Solar PV system (10 kW)	Zoo - Entrance
Permeable pavement	Zoo - Parking Lot
Permeable pavement	Dineen Park
Green Roof	Zoo - Peck Education
Solar PV system (3.3 kW)	Juneau Park Comfort Bldg
Solar PV system (3.1 kW)	Wilson Park Senior Center
Solar Hot Water system	Washington Park Senior Center
Solar Hot Water system (design)	Zoo
CNG filling station	Howell Ave Clark Station

TABLE 6 - Milwaukee County's Alternative Fuel Vehicles

Description	Type	Quantity	Model/Manufacturer	Host Department	Notes
Hybrid Electric Sedan	Regenerative braking system stores energy in batteries	35	Ford Fusion	various (Fleet)	
Hybrid Electric Sedan	Regenerative braking system stores energy in batteries	2	Chevy Malibu	Parks	
Hybrid Electric SUV	Regenerative braking system stores energy in batteries	12	Ford Escape	Transit and Parks	
CNG Hybrid Sedan	Uses compressed natural gas as primary fuel	2	Honda Civic	GMIA	
CNG Shuttle Bus	Uses compressed natural gas as primary fuel	6	El Dorado Aerotech 240	GMIA	
Zoomobiles	Electric-powered	3	Taylor-Dunn TC50E	Zoo	
Bucket truck	Hybrid electric	4	Kenworth/Dueco-Odyne	Fleet	on order
Garbage truck	Uses compressed natural gas as primary fuel	1	Kenworth	GMIA	on order

Appendix A

Excerpts from Cost Avoidance Report

Honeywell

Honeywell Energy Analysis Team (HEAT)

Milwaukee County
Energy Cost Avoidance Review

Energy Audit Year 2 of 10
November 2009 through October 2010

Cost Avoidance Summary

Year 2 Results

Utility Savings	$ 207,803
Total Cost Avoidance	$ 207,803
Annual Energy Guarantee	$ 182,132
Excess Savings/(Shortfall)	$ 25,671
Percent of Plan	114%

Cumulative Results

TIME PERIOD		TOTAL COST AVOIDANCE	ANNUAL ENERGY GUARANTEE	EXCESS SAVINGS/ (SHORTFALL)
Year 1	11/08 - 10/09	$ 199,741	$ 175,127	$ 24,614
Year 2	11/09 - 10/10	$ 207,803	$ 182,132	$ 25,671
		$ -	$ -	$ -
TOTAL		**$ 407,544**	**$ 357,259**	**$ 50,285**

Attachment B-1

SUPPLEMENTAL INFORMATION ON ECONOMICS OF SUSTAINABILITY INITIATIVES

Summary Notes

Milwaukee County's Green Print outlines more than a dozen initiatives intended to improve the County's infrastructure to the long-term benefit of the residents of Milwaukee County. While demonstration of the cost-effectiveness was not a pre-requisite for implementing any given action, economics are typically considered in any improvement project. The following provides some supplemental analysis of the cost-benefit associated with investments in energy-efficient retrofits, renewable energy systems, and alternative fuel vehicles.

Milwaukee County is exhibiting leadership by developing a plan of action and pursuing sustainability goals. From an economic perspective, it is worth noting that 'corporate America' is also pursuing these same goals. Companies who plan for the long-term by and large have embraced the concepts of sustainability and have invested in it. Companies such as Wal-Mart, Miller-Coors, Coca-Cola, Ford Motor, SC Johnson and a long list of others have made strong commitments to sustainability, and most have staff dedicated to addressing their sustainability goals. Many of these corporations are requiring their suppliers to demonstrate their commitment in order to become a supplier to them.

Some examples of how U.S. corporations have adopted sustainable practices include:

- The largest green roof: Ford Motor Company, River Rouge Plant (450,000 sf)
- What may be the largest rooftop solar photovoltaic system (4.8 mega-watt) is under design for the Glimcher Realty Trust for buildings they own in Elizabeth, New Jersey
- AT&T has deployed more than 3,500 alternative fuel vehicles (AFVs), including more than 2,400 compressed natural gas (CNG) vehicles in 543 cities in 35 states. AT&T plans to spend up to $565 million to deploy approximately 15,000 AFVs through 2018. Jerome Webber, vice president of AT&T Global Fleet Operations noted "Our investment in more fuel efficient vehicles helps minimize our impact on the environment, delivers bottom line benefits to our company and helps to spur job growth in the domestic clean energy sector." [1]

and locally:

- Kohls Department store on South Howell Ave. recently installed LED lighting in its parking lot
- Potawatomi Bingo Casino changed all their parking lot lights to LED lighting and reduced load by nearly 50%, and a projected payback of 4 years [2]

- Coca-Cola Enterprises has retrofitted its bottling facility on Brown Deer Road with energy-efficient lighting products manufactured by Orion Energy Systems of Manitowoc, Wisconsin
- Rockwell Automation recently installed a 48,500 square foot green roof at its global headquarters in Milwaukee

This commitment is further demonstrated by the recent growth in organizations such as the Wisconsin Sustainable Business Council, whose members include Briggs & Stratton, Rockwell Automation, Johnson Controls, Kranz Inc., SC Johnson, Lands End, Green Bay Packaging, Menasha Corp, Kohls Dept stores, and many more.

Historical Trends and Projections in Energy Costs

Until the recent recession, trends in energy consumption and energy prices were both on the rise, both nationally and locally. Since 2000, the cost of a gallon of gasoline has risen over 125%, the cost of a kilowatt of electricity has risen over 40% and the cost of natural gas has been volatile with fluctuations by as much as 400% [3]. Locally, the price of electricity to large customers took a sharp increase (10% in just 2011) due to the sunsetting of the Point Beach nuclear power plant credit [4].

The US Dept of Energy projects that the price of gas, electricity and other fuels will continue to increase at rates between 0.5% and 6.4% annually in the near term [5]. As energy prices continue to rise and revenue sources dwindle, our ability to better manage our facilities through energy conservation and energy efficiency become increasingly important if we are provide an equivalent level of service.

Rationale for Energy-Efficiency Measures

On a national basis, buildings consume approximately 40% of our total energy use. On an annual basis, Milwaukee County spends between $18 million and $20 million on utility bills. The efficacy of energy-efficient retrofits is typically measured in terms of 'simple payback' and 'return on investment' (ROI). While both of these measures have their drawbacks in terms of fully accounting for the costs and benefits, they provide a quick-and-simple means of evaluation and comparison. (Other measures, such as life-cycle analysis, can provide a more inclusive assessment, but requires more effort.)

Milwaukee County has been undertaking a significant number of projects that should result in energy savings. Table B-1 presents the simple payback and ROI for a number of projects that are in progress or recently completed. These values were obtained from proposals and contracts from our ESCOs. The table illustrates that the simple paybacks for most energy savings measures are somewhere between 4 to 12 years, with an 8-year

payback being a typical value. This represents a simple ROI of over 12%, which compared to today's rates, many would consider a practical investment.

Beyond the GESPCs, Milwaukee County departments are receiving proposals to make energy savings retrofits, but may not be able to pursue them due to lack of funding sources.

Renewable Energy Systems

The simple payback for renewable energy projects is typically not as good as other ESMs. Therefore, our first priority should be to explore ways to conserve energy before becoming an energy-producer.

The cost of solar energy systems is trending downward, however, and the efficiency of the technologies is on the rise. Figure 1 shows that the installed cost decreased by roughly 33% from 1998 and 2009. If energy prices continue to rise and cost of installing solar continues to decrease, there will come a point in time when solar power is as cost-effective (or perhaps more) an investment as other energy conservation measures. For this reason, we need to closely track the technology and installed costs and pursue small-scale installations in order to become knowledgeable to effectively design, install and operate these systems.

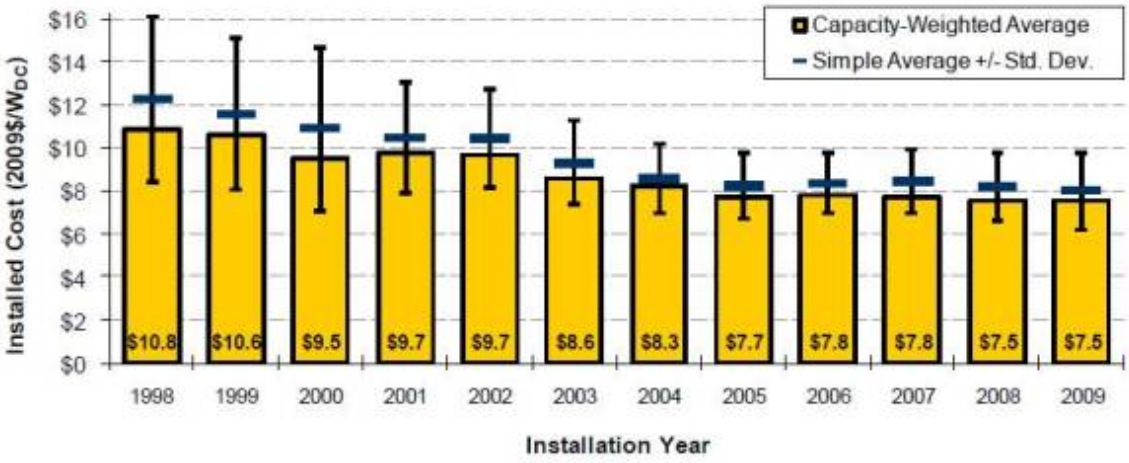


Figure 1: Installed Cost of Solar PV Decreasing Over Time [6]

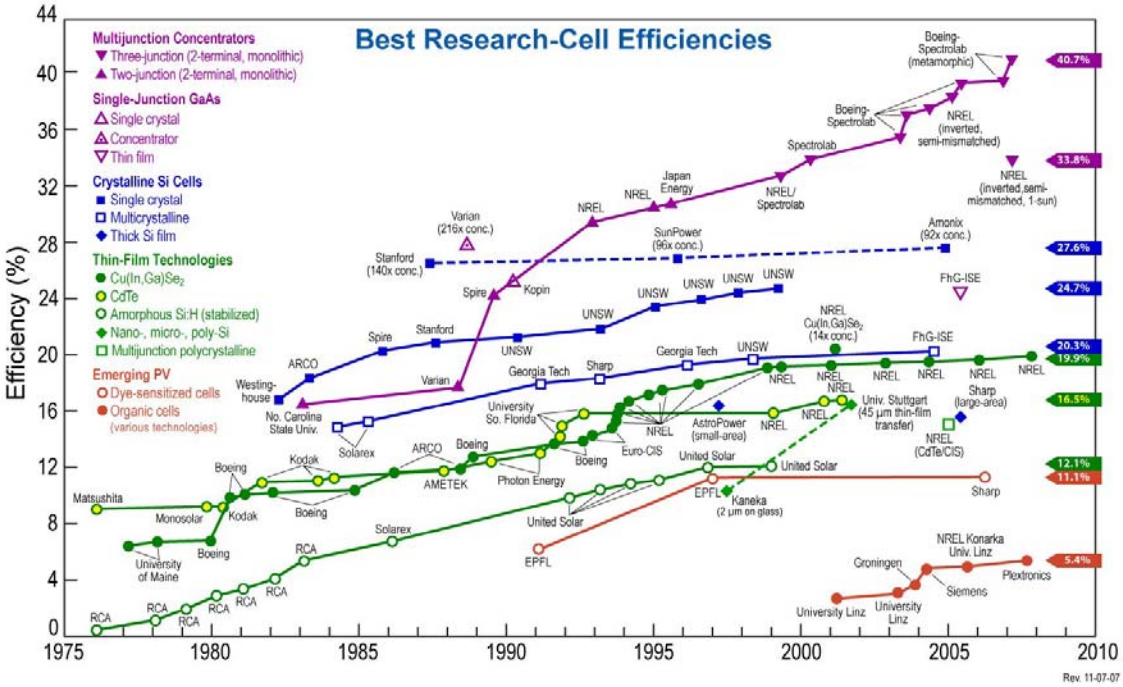


Figure 2: Solar Cell Efficiency Increasing Over Time (NREL)

For the 3.1 kW solar PV system recently installed at Wilson Park, the economics were as follows:

Installed cost:	$23,175
Rebate from Focus on Energy	- $5,287
Rebate from WE Energies (projected)	-$10,000
Net cost, minus incentives:	$7,888

Projected annual power savings: ~3,720 kWh/year
Annual savings @ 11 cents/kWh: $409/year
Simple payback: 19 years *

(*Note that since this was a project funded with EECBG monies, the net cost to the County was $0; it also assumes no increase in electric rates and is a relatively small-scale project and does not attain economies of scale afforded by larger projects)

Alternative Fuel Vehicles

The following presents an example illustrating the cost-benefit of AFVs

Incremental cost over standard (diesel) shuttle bus: $15,500
Annual fuel usage: 5,500 gal
Annual fuel cost savings: $1.75/gal (even better at some locations)
(diesel at $4.20/gal vs CNG at $2.45/gal [GGE])
Net annual fuel savings: $9,625
Simple payback: 1.6 years

The above example applies to the CNG shuttles at GMIA. The simple payback does not account for additional savings from the reduced oil changes typically afforded by CNG-fueled engines, the longer life span of CNG engines, or the reduced air pollution, which benefits Milwaukee County not only in terms of improved human health, but also from a regulatory permitting process.

The following illustrates the cost-benefit of hybrid electric sedans

Sedan incremental cost: $4,000
Reduced fuel consumption (at 10,000 miles driven): 141 gal
Annual fuel savings (at $4.10 per gallon): $577
Simple payback: 6.9 years

References:

1. Wall Street Journal's Market Watch, April 1, 2011
2. JS Online Business, September 11, 2010
3. Henry Hub natural gas monthly average prices, 1999-2009.
4. JS Online Business, December 28, 2010
5. US Energy Information Administration, Short-Term Energy Outlook
6. Tracking The Sun, The Installed Cost of Photovoltaics, Lawrence Berkley National Laboratory, Dec. 2010

Table B-1

Projected Payback Periods and Return on Investment Rates for Various Projects

Project	Approx Cost	Estim Annual Savings	Simple Payback (years)	Simple ROI
King Park: lighting, insulate and controls upgrades	$206,000	$23,447	8.8	11.4%
Kosciuszko Community Center: lighting, VFDs, motors, insulate, and controls upgrades	$184,000	$26,840	6.9	14.6%
Washington Park: lighting, insulation	$27,500	$3,610	7.6	13.1%
Wilson Ice Arena: lighting, insulation	$99,500	$12,591	7.9	12.7%
Coggs Center: controls, motors, insulation	$363,000	$101,000	3.6	27.8%
Noyes Pool: lighting, preheat coil and controls upgrades	$178,000	$33,700	5.3	18.9%
Pulaski Pool: lighting, preheat coil and controls upgrades	$180,000	$18,900	9.5	10.5%
Court House & CJF: lighting	$1,537,000	$187,000	8.2	12.2%
Zoo - Exhibits water savings	$170,000	$51,000	3.3	30.0%
Children's Court: controls, lighting, plumbing, solar	$711,300	$144,485	4.9	20.3%
Fleet Garage: lighting, boiler, controls, solar	$991,872	$78,261	12.7	7.9%
Court House & CJF: (Phase II, controls, insulation, plumbing, steam trap repairs	$2,692,000	$347,600	7.7	12.9%
Wilson Park: Phase II lighting	$90,416	$6,526	13.9	7.2%
Sports Complex: lighting	$192,764	$25,060	7.7	13.0%
BHD Corrdidor lighting	$14,850	$6,400	2.3	43.1%
Boys/Girls Club: lighting	$87,945	$13,363	6.6	15.2%

Appendix C

Newsletters

Milwaukee County's Green Print

In 2007 Milwaukee County's Board of Supervisors and County Executive approved a Green Print resolution, intended to improve the quality of life of County citizens through a plan to conserve natural resources and use energy more efficiently at County facilities.

To learn more about the Green Print Initiatives, go to

www.county.milwaukee.gov/DPW/MilwaukeeCountysgreenPrint.htm

County Geared Up to Roll Out New Hybrids

Early this year Milwaukee County will place into service 35 new hybrid electric sedans. The Ford Fusion hybrids are the regenerative braking type and get an estimated 41 MPG in the city. Milwaukee County will also be adding four new hybrid electric bucket trucks later this year. A grant from the Wisconsin Clean Transportation Partnership was obtained to help pay for the acquisition.

Milwaukee County Zoo Leading By Example

The Milwaukee County Zoo has been busy making its outdoor facilities more sustainable. These new efforts follow a series of projects that have resulted in significant energy and water conservation in its buildings and exhibits.

Patrons will now view solar photovoltaic (PV) panels as they enter and exit the Zoo. The eight panels are located atop shade poles next to the admissions entrance, and will provide both electricity and shade to the ticket booths.

Large areas of walking paths within the Zoo have been repaved using permeable paving brick. Rainwater infiltrates the permeable pavement and then either drains into the ground or, if the ground becomes saturated, is piped to a rain garden area. The rain garden acts as a treatment zone using a combination of infiltration and nutrient uptake by the plants there.

Rainwater from the rooftops of the Primate House and Australian Building is being captured and stored to use for washing down pathways. Another stormwater management feature, a bioswale, was constructed along the northern border of the main parking lot to capture and treat stormwater.

Philip Hung, a managing architect and principal designer for Milwaukee County on these projects, believes that they not only achieve their project-specific purposes, but will also serve to demonstrate the potential for broader application throughout the County. The capacity to educate the public about the benefits of sustainable infrastructure is also an added benefit of these projects.

Funding assistance for these projects has been gained from Focus On Energy, WE Energies and the MMSD, through their grant and incentive programs.

CCFS Boosts Recycling Efforts

The County Correctional Facility – South (or CCFS, formerly the House of Corrections) recently expanded its recycling efforts. Along with the common categories of cans, bottles and mixed paper, CCFS has found they can also cost-effectively recycle a variety of other materials, including steel scrap and tin cans from kitchen operations; copper, aluminum, brass, cast iron and stainless steel; sorted office paper and paper scrap from the print shop, as well as colored paper; cardboard; automotive batteries, radio batteries, cordless batteries, and deep cycle batteries. CCFS has even found that the plastic bags and plastic stretch wrap that accompany palletized shipments can be recycled and can generate revenue.

Composting Collaboration a Win-Win for Zoo & Growing Power

Can waste from our zoo animals be used to benefit local urban agriculture? The answer is YES. In the fall of 2010, the Milwaukee County Zoo initiated a composting partnership with the urban farm organization Growing Power. At this time, on an intermittent basis, the Zoo's grounds crew transports herbivore waste, used bedding, leftover food and produce scraps from diet preparation to one of Growing Power's composting sites. Once there, Growing Power staff turns it for many weeks until it is converted into fertile topsoil for urban farms that need it. In the future, both the Milwaukee County Zoo and Growing Power hope this periodic transport will continue on a consistent basis, depending upon both the Zoo's amount of material, and Growing Power's capacity to process it. The initial agreement for the project is firmly in place, and both parties are anxious to see it come to fruition.

Until recently, all of the Zoo's bedding and food waste had been going to the landfill.

Increased awareness about the adverse effects of global climate change prompted the Zoo to adopt a greenhouse gas reduction program - "Acres for the Atmosphere", which was developed by zookeepers and has been adopted by Polar Bears International. Composting accomplishes this as the turning process prevents the build-up of the harmful greenhouse gas, methane, often produced in landfills.

Global climate change is having an adverse impact on the habitats of many of the animals seen at the Zoo, such as the rapid melt-down of arctic sea ice that polar bears depend on for survival. By composting our waste, we are accomplishing the "triple bottom line" of environmental + social + economic goals by reducing greenhouse gases emissions, supporting urban agriculture, and reducing our waste management costs. Once the composting program is implemented five days a week, the Zoo has the potential of keeping around 80 tons of waste out of our landfill each month, and the Zoo will save thousands of dollars on landfill fees annually.

Thanks to Will Allen and the rest of the Growing Power staff and to all of the Milwaukee County Zoo grounds staff, zookeepers, management, and veterinary staff for helping to make this new composting program a success!

Turn It Off

The light bulb that uses the least amount of energy is one that's turned off. Let's all do our part to not waste energy and money by remembering to turn off lights and other electronic devices when not in use.

County to Host Regional Seminar

On May 4, Milwaukee County will host a seminar on Sustainability for Local Governments at the Milwaukee County Zoo's Peck Welcome Center. The seminar is being co-sponsored with the City of Milwaukee, the MMSD and the Milwaukee Green Building Alliance.

Ideas? Suggestions?
Contact Steve Keith via Lotus Notes email or at 278-4355

Please print only if necessary. Consuming less saves $ and is beneficial to our environment. Reduce-Recycle-Reuse

Appendix D

Milwaukee County Sponsored Events

Sustainability in Local Government

A Full Day Workshop Sponsored By
The Wisconsin Green Building Alliance, Milwaukee County,
The City of Milwaukee, and the Milwaukee Metropolitan Sewerage District

Sustainability In Local Government
Wednesday, May 04, 2011 7:30 AM - 5:30 PM (Central Time)

Milwaukee County Zoo's Peck Welcome Center
10001 West Bluemound Road
Milwaukee, WI 53226
Map and Directions

AGENDA

7:30 - 8:00 AM **Registration & Breakfast**

8:00 - 8:45 **Welcome and Introduction**
Steve Keith, Milwaukee County
Matt Howard, City of Milwaukee
Karen Sands, MMSD
Milwaukee County Supervisor Marina Dimitrijevic
Milwaukee Mayor Tom Barrett

8:45 - 9:15 **Green Infrastructure in Southeastern Wisconsin**
Karen Sands & Tim Bate MMSD

9:15 - 10:00 **Sustainable Design In Public Works Projects**
Dustin Wolff, Mead & Hunt
Rick Walker, Transwestern Corp.

10:00 - 10:15 **Break**

10:15 - 11:00 **Sustainability Planning for Your Government**
Matt Howard, City of Milwaukee
Sarah Elliott, MSA
Leslie Williams, Waukesha County

SHARE

11:00 - 12:00 **Measuring and Communicating The Value of Sustainability Your Constituents**
Michael Davidson, ICLEI
Andrew Dane, Short Elliott Hendrickson

12:00 - 1:00 **Lunch**

1:00 - 1:45 **Managing Storm water Using Green Infrastructure**
Mark Mittag, CH2M HILL
Bernie Michaud, AECOM

1:45 - 2:30 **Reducing Waste to Reduce Costs**
Steve Brachman, UW-Extension
Joe Liebau, WasteCap Resource Solutions
Melissa Tashjian, Compost Network

2:30 - 2:45 **Break**

2:45 - 3:30 **Basic Strategies for Reducing Energy Consumption & Financing Alternatives**
Rick Shuster, JCI
Chuck Zinda, Focus on Energy

3:30 - 4:15 **Greening Your Fleets and Streets**
Dan Goeden, Milwaukee County
Matt Howard, City of Milwaukee

4:15 - 4:30 **Closing Remarks**

4th Annual

Last Train Show Weekend

Green Living Festival

Saturday
April 2, 2011
10am to 5pm

Find ways to save *your* green while helping people and our planet!

Fair Trade and Green Exhibitors

Demos & Talks: from gardens to grease fuel

PLUS Music, Live Animals, Local Artists and

Mother Nature Smokey the Bear Woodsy the Owl

Food and Beverages (for purchase)

Re-Fashioned Fashion Show

Milwaukee County Parks National Gold Medal Winner

Keep Greater Milwaukee Beautiful

Mitchell Park Domes

524 S. Layton Blvd. Milwaukee, WI 53215 414-257-5600 Regular Admission

Appendix E

Environmentally Preferable Product Purchasing

Attachment E-1

Partial Listing of Green Products Purchased By Milwaukee County

Product	Manufacturer	Attributes
Copier paper	Aspen, Boise-Cascade, Wausau	30% recycled
Post-it Notes	3M	30% recycled
Mailing labels	Avery	100% recycled
Correction film	Sanford	67% recycled
Calendars (various)	Mead	30% recycled
Binders	Abisco, Aurora	50% recycled
Padded mailers	Shurte	50% recycled
Writing pads	Tops	30% recycled
Paper towel	Wausau Paper Eco-soft	100% recycled
Toilet paper	Bay West	100% recycled
Hand soap	Betco/Green Earth	Green Seal Certified
All-purpose cleaner	Betco/Green Earth	See note 1
Earth Neutral cleaner	Betco/Green Earth	See note 1
Carpet cleaner	Betco/Green Earth	See note 1
Glass cleaner	Betco/Green Earth	Green Seal Certified
Bowl cleaner	San A Care	
Floor wax	Betco/Green Earth	Green Seal Certified
Floor cleaner	Betco/Green Earth	Green Seal Certified
Disinfectant cleaner	Betco/Green Earth	See note 1
Printer cartridges	Hewlett-Packard	Cartridges are recharged
Bio-degradable oil	various	See note 2
Low VOC paints	various	

Notes:

1. No ozone depleting substances. No carcinogens or heavy metals. No alkyl phenol ethaxylates.
2. Used in equipment deployed near waterways/marinas.

MIDAMERICAN BUILDING SERVICES

GREEN CLEANING COMMITMENT

- According to health professionals green cleaning enhances the air quality and reduces employee illness by up to 20%, therefore reducing operating costs. It also improves indoor air quality which improves employee productivity.
- Midamerican is committed to a green program for Milwaukee County and other accounts that we service. We have partnered with Clean Rite Supply and Betco Chemicals to offer green cleaning solutions with dilution control at a price that is less expensive than old traditional chemical dilute it yourself methods.
- Dilution control "green certified" chemicals
- Floor refinishing program that is a scrub and recoat program
- Green Seal foam soap, paper, and recycled trash liners
- Stealth auto floor scrubbers with low decibel levels, mid speed burnishing machines that reduce the frequency of refinishing, CRI certified backpack hepavacs and carpet natural dry clean equipment and supplies
- Midamerican and Clean Rite Supply have training seminars together and also on-site as new methods are introduced. This training includes OSHA Blood Borne Pathogen, green cleaning techniques, restroom sanitation, green floor care,just to name a few. The employees then receive completion certificates.
- The products that MidAmerican is currently using in the MC facilities are as follows:
  *GE Peroxide (floors, glass, grout, carpet stains, chrome)
  *GE Push (drains, carpet spotting)
  *GE restroom (toilets and urinals)
  *GE daily disinfectant (restroom floors, hard touch surfaces)
  *GE foaming handsoap
  *GOJo foaming handsoap

*Baywest GS certified paper towels and tissue
*microfiber dust cloths and mops
*Recycled trash liners
*Hepa filter vacuums and low water, low decibel floor equipment
*Enzyme based urinal blocks

at MidAmerican and Clean Rite supply we are committed to a better environment for all of our accounts

Appendix F

Advisory Team Members

Attachment F-1

Members of Milwaukee County's Energy Team

Larry Bannister/Milwaukee Public Museum
Roger Chwala/GMIA
Dayton Davenport/Parks
Greg Failey/GMIA
Karl Hackbarth/Zoo
Dick Hecht/Marcus Center
Greg High/TPW-A&E
Steve Keith/TPW-A&E
Chris Lukas/GMIA
Vijay Mehta/TPW-A&E
John Skibba/BHD
Shawn Sullivan/HOC
Jim Tietjen/DHS
James Wacholz/BHD
Mike Warren/MCTS
Gary Waszak/Facilities
Walter Wilson/TPW-A&E

Attachment F-2

Members of Milwaukee County's
Environmentally Preferable Purchasing Advisory Group

Dorothy Cain/DTPW
Greg Failey/GMIA
Dan Goeden/DTPW
Steve Keith/A&E
Chris Lukas/GMIA
Amos Owens/DOA
Laura Schloesser/Parks
E Sanchez/DTPW
Jim Tietjen/DHS
James Wacholoz/BHD
Gary Waszak/Facilities
James Wacholoz/BHD
Vera Westpahl/Zoo

Attachment F-3

Milwaukee County's Recycling Coordinators

Diane Beckley/Aging
Rollin Bertran/TPW-Highways
Kendra Bosque-Ventura/DHS
Ellen Censky/Public Museum
Greg Failey/GMIA
Dan Goeden/TPW-Fleet
Greg High/TPW-A&E
Steve Keith/TPW-A&E
Amos Owens/Purchasing
Lauri Panella/IMSD
Guy Smith/Parks
Shawn Sullivan/Sheriff
Jim Wacholz/BHD
Gary Waszak/TPW-Facilities
Mike Warren/MCTS
Vera Westphal/Zoo

MILWAUKEE COUNTY PARKS
N·A·T·I·O·N·A·L GOLD MEDAL WINNER

CHRIS ABELE, MILWAUKEE COUNTY EXECUTIVE
SUE BLACK, DIRECTOR OF PARKS, RECREATION AND CULTURE

Date: May 11, 2011

To: Chairman Lee Holloway, Milwaukee County Board of Supervisors

From: Sue Black, Director, Department of Parks, Recreation and Culture

Subject: Wisconsin Department of Natural Resources Request for a Permanent Easement – Action Item

POLICY

The Department of Parks, Recreation and Culture (DPRC) respectfully requests authorization to grant a permanent easement to the Wisconsin Department of Natural Resources (WDNR) to allow it to construct the south end of a bridge linking the north end of Mitchell Park to the Hank Aaron State Trail, and to accept from the WDNR newly constructed trail segments to be located in the park.

BACKGROUND

WDNR is in the process of increasing the length of the Hank Aaron State Trail (Trail) and making additional connections between the Trail and a number of DPRC properties, including Mitchell Park. A new Trail segment is being constructed between the newly opened Menomonee Valley passage at 37th Street & Pierce and Mitchell Park. This segment, along with a 20-acre restoration project will be constructed with Federal and Wisconsin Department of Transportation grants, State Stewardship Funds, and private donations. A bridge will connect the project from the Valley to the north end of Mitchell Park directly behind the Domes. To facilitate the project, the WDNR requires an easement from DPRC for the bridge's crossing and construction of its south end on DPRC property.

Additionally, WDNR will construct (1) a sidewalk from the bridge landing to a connection with the 27th Street viaduct, and (2) a small plaza immediately north of the parking lot just west of the Domes to mark the trailhead. WDNR would like to donate the sidewalk and small plaza to DPRC to be maintained as part of Mitchell Park, since it would be located on DPRC property.

DPRC has reviewed and approved WDNR's preliminary plans for their proposed improvements, please see attached exhibits. The proposed easement will provide land rights to construct the bridge, sidewalk and plaza at no cost to the County. WDNR and DPRC staff have met to ensure that the potential impacts to the Mitchell Park from the proposed easement are minimal, and DPRC is prepared to maintain the improvements as part of its regularly scheduled maintenance of Mitchell

ADDRESS
9480 Watertown Plank Road
Wauwatosa, WI 53226-3560

PHONE/FAX
ph: **414 / 257 PARK** (7275)
fax: 414 / 257 6466

EMAIL
parks@milwcnty.com

WEBSITE
countyparks.com

Park. The project is scheduled to be complete by the fall of 2012. Appropriate County staff will review and approve all documents as required prior to execution.

RECOMMENDATION

The Parks Director respectfully recommends that DPRC, Department of Transportation and Public Works, Corporation Counsel and Risk Management staff be authorized to negotiate, prepare, review, approve, and record all documents and perform all actions required to grant a permanent easement to WDNR for the construction of the bridge and Trail segments, and to execute the required permits for the improvements in Mitchell Park and to accept said improvements. It is further recommended that the County Executive and County Clerk be authorized to execute the easements and required documents.

Prepared by: Paul Kuglitsch, Contract Services Officer/DPRC

Recommended by:	**Approved by:**
James Keegan, Chief of Administration and External Affairs	Sue Black, Parks Director

Attachments: Exhibits

cc: County Executive Chris Abele
George Aldrich, Chief of Staff, County Executive's Office
Terrence Cooley, Chief of Staff, County Board
Supv. Gerry Broderick, Chairman, Parks, Energy & Environment Committee
Supv. Joe Sanfelippo, Vice-Chair, Parks, Energy & Environment Committee
Sarah Jankowski, Fiscal Mgt. Analyst, Admin & Fiscal Affairs/DAS
Linda Durham, Parks, Energy & Environment Committee Clerk
Glenn Bultman, Research Analyst, County Board

File No. 11-
(Journal,)

(ITEM NO.) From the Director, Department of Parks, Recreation and Culture (DPRC) seeking authorization to grant a permanent easement to the Wisconsin Department of Natural Resources (WDNR) to allow for the construction of a bridge linking the north end of Mitchell Park to the Hank Aaron State Trail, and to accept from WDNR newly constructed trail segments to be located in the park, by recommending adoption of the following:

A RESOLUTION

WHEREAS, WDNR is in the process of increasing the length of the Hank Aaron State Trail (Trail) and making additional connections between the Trail and a number of DPRC properties, including Mitchell Park; and

WHEREAS, as part of this project, WDNR is constructing a bridge to connect the Trail from the Menomonee River Valley to the north end of Mitchell Park directly behind the Domes; and

WHEREAS, to facilitate the construction of the bridge, WDNR requires an easement from DPRC for the bridge's crossing and construction of its south end on DPRC property; and

WHEREAS, WDNR will also construct in Mitchell Park (1) a sidewalk from the bridge landing to a connection with the 27th Street viaduct, and (2) a small plaza immediately north of the parking lot just west of the Domes to mark the trailhead; and

WHEREAS, WDNR would like to donate the sidewalk and small plaza to DPRC to be maintained as part of Mitchell Park, since they will be located on DPRC property; and

WHEREAS, DPRC has reviewed and approved WDNR's preliminary plans for its proposed improvements and is willing to accept the improvements; and

WHEREAS, WDNR and its contractors will perform all construction and site restoration for these improvements at no cost to the County; and

WHEREAS, the Parks Director has recommended that the authority to prepare, review, approve, execute and record all documents as required to execute the requested easement be granted to the Parks Department, the Department of Transportation and Public Works, Corporation Counsel, Risk Management, County Clerk, Register of Deeds, and the County Executive; and

WHEREAS, the Parks Director is also recommending DPRC accept the improvements to be constructed in Mitchell Park; now, therefore,

BE IT RESOLVED, that the Milwaukee County Board of Supervisors hereby authorizes the Parks Director, the Department of Transportation and Public Works, Risk Management, Corporation Counsel and Register of Deeds to prepare, review, approve, execute and record all documents, and perform all actions as required to grant, execute and implement the required permits and easements for the construction of the bridge and other improvements to be made in Mitchell Park, and to accept said improvements; and

BE IT FURTHER RESOLVED that the County Executive and County Clerk are authorized to execute the easement and required documents.

MILWAUKEE COUNTY FISCAL NOTE FORM

DATE: May 4, 2011

Original Fiscal Note ☒

Substitute Fiscal Note ☐

SUBJECT: Authorization to Grant a Permanent Easement to the Wisconsin Department of Natural Resources and to Accept Donated Segments of the Hank Aaron Trail in Mitchell Park

FISCAL EFFECT:

☐ No Direct County Fiscal Impact

X Existing Staff Time Required

☐ Increase Operating Expenditures
(If checked, check one of two boxes below)

☐ Absorbed Within Agency's Budget

☐ Not Absorbed Within Agency's Budget

☐ Decrease Operating Expenditures

☐ Increase Operating Revenues

☐ Decrease Operating Revenues

☐ Increase Capital Expenditures

☐ Decrease Capital Expenditures

☐ Increase Capital Revenues

☐ Decrease Capital Revenues

☐ Use of contingent funds

Indicate below the dollar change from budget for any submission that is projected to result in increased/decreased expenditures or revenues in the current year.

	Expenditure or Revenue Category	Current Year	Subsequent Year
Operating Budget	Expenditure	0	0
	Revenue	0	0
	Net Cost	0	0
Capital Improvement Budget	Expenditure	0	0
	Revenue	0	0
	Net Cost	0	0

DESCRIPTION OF FISCAL EFFECT

In the space below, you must provide the following information. Attach additional pages if necessary.

A. Briefly describe the nature of the action that is being requested or proposed, and the new or changed conditions that would occur if the request or proposal were adopted.
B. State the direct costs, savings or anticipated revenues associated with the requested or proposed action in the current budget year and how those were calculated. [1] If annualized or subsequent year fiscal impacts are substantially different from current year impacts, then those shall be stated as well. In addition, cite any one-time costs associated with the action, the source of any new or additional revenues (e.g. State, Federal, user fee or private donation), the use of contingent funds, and/or the use of budgeted appropriations due to surpluses or change in purpose required to fund the requested action.
C. Discuss the budgetary impacts associated with the proposed action in the current year. A statement that sufficient funds are budgeted should be justified with information regarding the amount of budgeted appropriations in the relevant account and whether that amount is sufficient to offset the cost of the requested action. If relevant, discussion of budgetary impacts in subsequent years also shall be discussed. Subsequent year fiscal impacts shall be noted for the entire period in which the requested or proposed action would be implemented when it is reasonable to do so (i.e. a five-year lease agreement shall specify the costs/savings for each of the five years in question). Otherwise, impacts associated with the existing and subsequent budget years should be cited.
D. Describe any assumptions or interpretations that were utilized to provide the information on this form.

A. WDNR has requested a permanent easement upon, over, and across DPRC property in Mitchell Park to construct a bridge and new segments of the Hank Aaron State Trail. DPRC understands and acknowledges that as part of accepting the newly constructed Trial segments it will be required to maintain the segments as they will be located in Mitchell Park. All installation and restoration performed on the property will be completed to the satisfaction of the Parks Department at no cost to the County.

B. None.

C. No Impact.

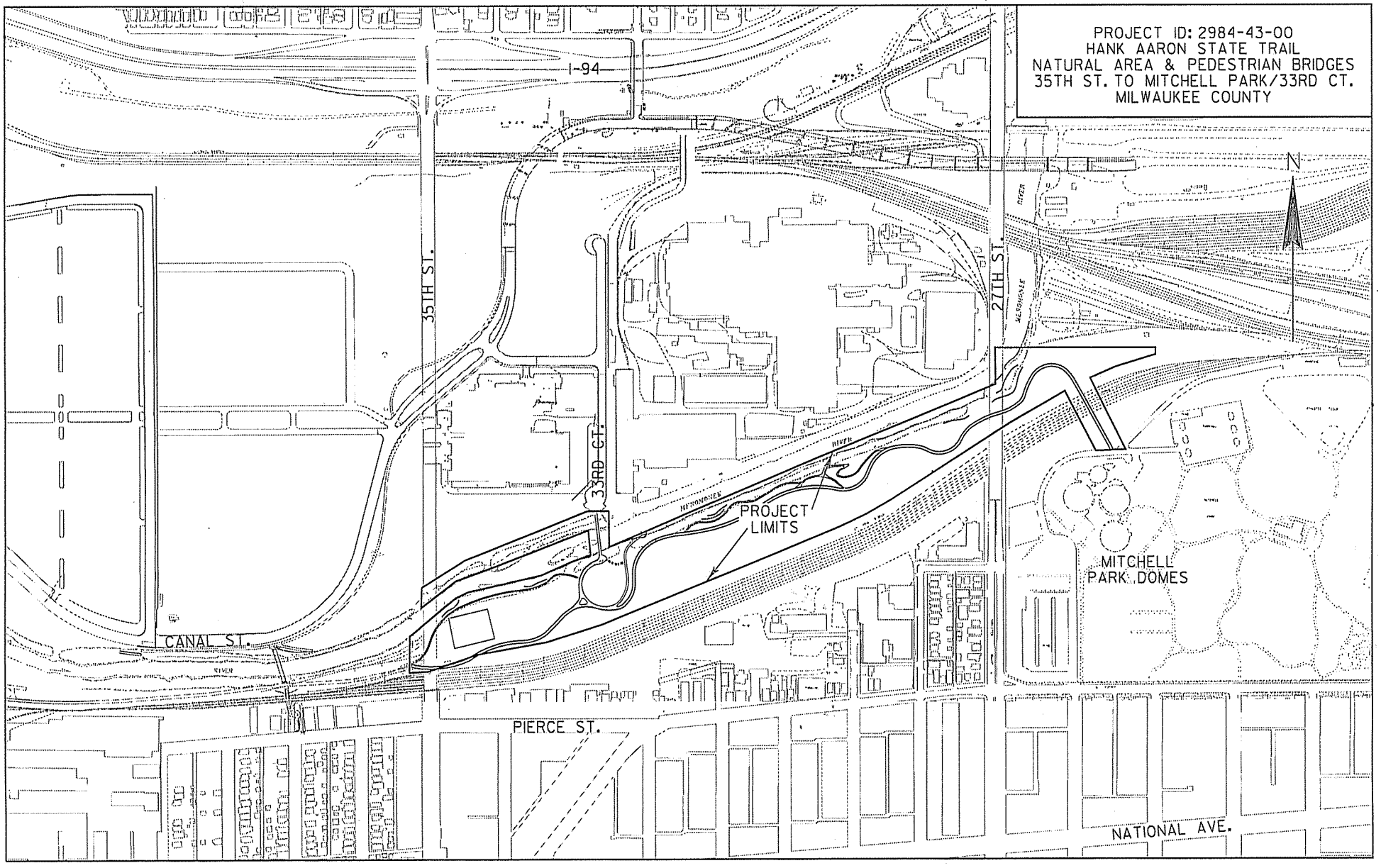
D. None.

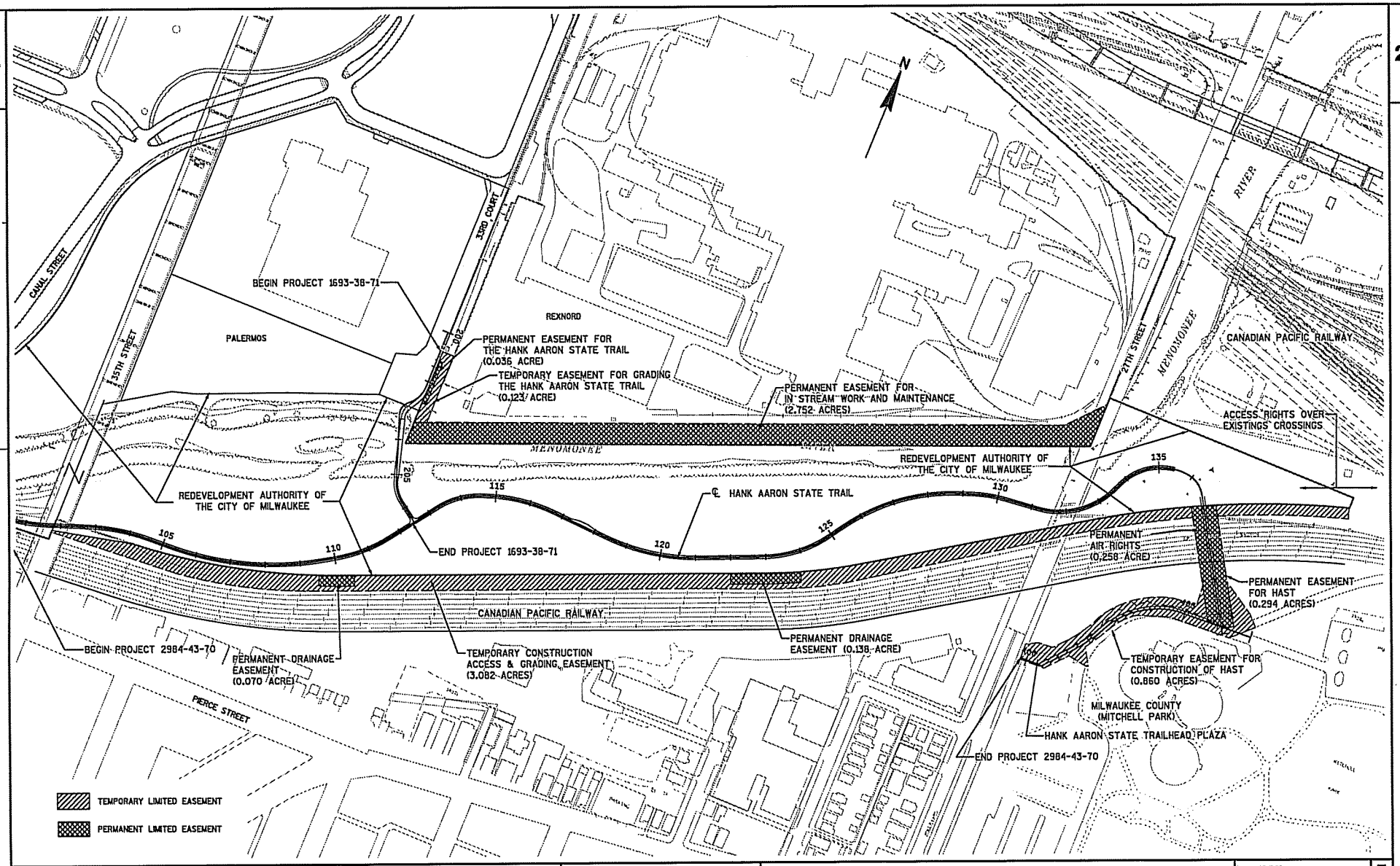
Department/Prepared By Paul Kuglitsch/DPRC

Authorized Signature _____

Did DAS-Fiscal Staff Review? ☐ Yes ☒ No

[1] If it is assumed that there is no fiscal impact associated with the requested action, then an explanatory statement that justifies that conclusion shall be provided. If precise impacts cannot be calculated, then an estimate or range should be provided.


PROJECT ID: 2984-43-00
HANK AARON STATE TRAIL
NATURAL AREA & PEDESTRIAN BRIDGES
35TH ST. TO MITCHELL PARK/33RD CT.
MILWAUKEE COUNTY
I-94
35TH ST.
33RD CT.
27TH ST.
CANAL ST.
PIERCE ST.
NATIONAL AVE.
PROJECT LIMITS
MITCHELL PARK DOMES
N



PROJECT NO: 1693-38-71 & 2984-43-70/71	HANK AARON STATE TRAIL	COUNTY: MILWAUKEE	EXISTING AND PROPOSED PROPERTY	SHEET	E

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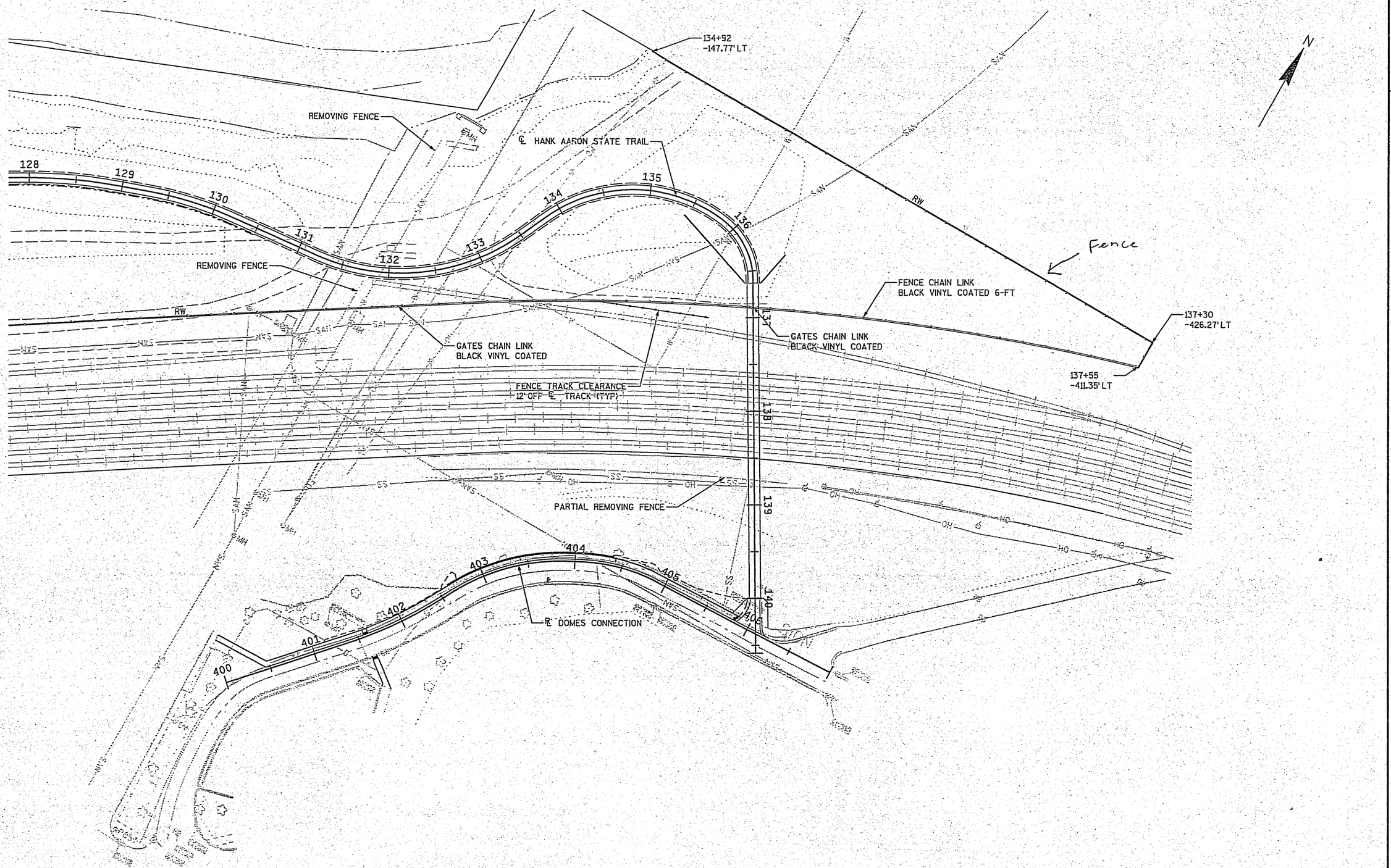
2



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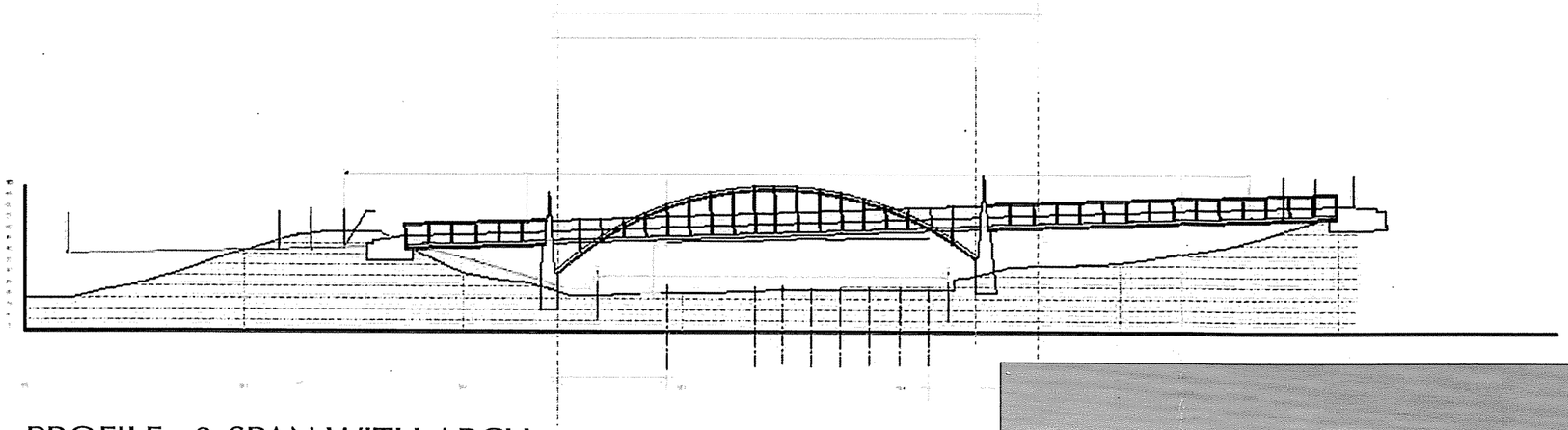
PROJECT NO: 1693-38-71 & 2984-43-70/71	HANK AARON STATE TRAIL	COUNTY: MILWAUKEE	FENCING PLAN	SHEET PRE 59	E

FILE NAME : X:\20000S\20032\Engineering_Documents\Sheets_Civil_ken\027103_fn.dgn PLOT DATE : 12/8/2010 PLOT BY : hdecker PLOT NAME : PLOT SCALE : 1:100

MITCHELL PARK BRIDGE - A



PROFILE - 3 SPAN WITH ARCH

CONNECTOR/MODIFIED PRATT TRUSS

- HORIZONTAL GUARDRAIL SHOWN
- PAINTED STEEL FINISH ON TRUSS SHOWN
  (PLEASE ALSO PROVIDE COST OPTION FOR WEATHERING)
- CONCRETE DECK
- CONCRETE PIERS WITH STEEL CROSS BRACING
- FENCE PROTECTION AT MIDDLE SPAN

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
Southeast Region Headquarters
2300 N. Dr. Martin Luther King, Jr. Drive
Milwaukee WI 53212-3128

Scott Walker, Governor
Cathy Stepp, Secretary
John Hammen, Acting Regional Director
Telephone 414-263-8500
FAX 414-263-8606
TTY Access via relay - 711

May 2, 2011

Director Sue Black
Department of Parks, Recreation and Culture
9480 Watertown Plank Road
Wauwatosa, WI 53226

Dear Director Black,

The Hank Aaron State Trail is in the process of increasing its length and making additional connections to Milwaukee County Park properties. One of these connections is at the Oak Leaf Trail segment adjacent to Underwood Creek just south of Bluemound Road. The other is at Mitchell Park.

To facilitate these additions, the Department of Natural Resources is working with Milwaukee County and a number of partners including the Department of Transportation, City of Milwaukee, Menomonee Valley Partners, and Urban Ecology Center. Each entity is taking on specific responsibilities in order to make the comprehensive project a success. We have briefed Milwaukee County Parks staff, County Board members, and yourself throughout the process. We are now ready to move forward and need to make sure we have the proper permission from Milwaukee County.

There are many exciting elements that come along with these additions. To name a few, we are working with the Urban Ecology Center to bring their third branch to the edge of the Menomonee Valley with a location at 3700 W. Pierce Street; we are making connections to various high interest entertainment venues along the route, such as Miller Park, Summerfest, the Pettit National Ice Center and State Fair Park; and we are making connections to the neighborhoods and riding public by creating a trail segment that is within a 15-minute bike ride of over 415,000 people.

The Hank Aaron State Trail on its western end is being constructed on the former Milwaukee Road right-of-way. The connection with the Oak Leaf Trail at Underwood Creek Parkway will come off of this corridor on to Milwaukee County Parks land just south of the playground equipment and cross the grass as a 10' wide asphalt connection with the Oak Leaf Trail. The construction costs will be covered by a Congestion Mitigation and Air Quality Grant with a match from the Department of Natural Resources. We are interested in donating the soon to be constructed connection on County land to Milwaukee County Parks to be maintained as part of the Oak Leaf Trail.

On the opposite side of the Hank Aaron State Trail, a new segment of trail is being constructed between the newly opened Valley Passage at 37th and Pierce (future location of the Urban Ecology Center) and Mitchell Park. This segment, along with a 20-acre restoration project will be constructed with Federal and DOT grants, State Stewardship Funds, and private donations. A bridge will connect the project to the north end of Mitchell Park directly behind the Domes. The project requires an easement from the County for the bridge's crossing and construction of its south end on Milwaukee County Parks property. A sidewalk would then be constructed from the bridge landing to a connection with the 27th Street Viaduct. A small plaza would mark the trailhead immediately north of the parking lot just west of the Domes. We are looking to construct all elements as part of our project, but would like to donate the sidewalk and small plaza to the County to be maintained as part of Mitchell Park, since it is on Park land.

We understand that the construction of both segments on County property requires permits and we will be pursuing those when construction start times are known. We have shared our plans and met with Jim Keegan, Guy Smith, Dave Burch, and Kevin Haley. Guy Smith has indicated an interest in accepting the donations and maintaining the new additions that are on County Parks land. We understand that the County Board needs to authorize the required easements and formally accept these donations. We ask that the process to do so moves forward as quickly as possible, as we will be moving to final plans very soon. Our desire is to present these requests to the Parks, Energy and Environment Committee of the County Board at their meeting on May 17th. Documents showing the specific locations of the above mentioned connections have been provided to Landscape Architect Kevin Haley. Please let us know what other information needs to be provided and if we are able to proceed with the final request to the Board in the May cycle.

Thank you for your consideration of this matter. Please contact me at 414-263-8559 if you would like to discuss further or have specific questions.

Sincerely,

Melissa A. Cook

Melissa A. Cook
Hank Aaron State Trail Manager

MILWAUKEE COUNTY PARKS
N·A·T·I·O·N·A·L GOLD MEDAL WINNER

CHRIS ABELE, MILWAUKEE COUNTY EXECUTIVE
SUE BLACK, DIRECTOR OF PARKS, RECREATION AND CULTURE

Date: May 11, 2011

To: Chairman Lee Holloway, Milwaukee County Board of Supervisors

From: Sue Black, Director, Department of Parks, Recreation and Culture

Subject: City of Franklin Request for a Sanitary Sewer Easement – Action Item

POLICY

The Department of Parks, Recreation and Culture respectfully requests authorization to grant a permanent easement to the city of Franklin to construct, operate and maintain a sanitary sewer and related improvements in the Root River Parkway.

BACKGROUND

In 2010 the city of Franklin (City) approached the Department of Parks, Recreation and Culture (DPRC) requesting a permanent easement upon, over and across certain DPRC real property in the City, specifically the Root River Parkway, from approximately 68th Street to 76th Street, south of Ryan Road. The purpose of the easement is to allow the City to connect two major segments of its sanitary sewer system servicing the south central portion of its community. Based upon an appraisal report prepared for this project, the City has offered to pay DPRC $5,100 as compensation for granting the easement.

DPRC has reviewed and approved the City's preliminary plans for their proposed improvements, please see attached exhibits. The final proposed storm sewer alignment was chosen to minimize the impact to DPRC property. The proposed easement will provide land rights to install, operate and maintain a sanitary sewer at no cost to the County. City and DPRC staff has met to ensure that the potential impacts to County parkland from the proposed permanent easement are minimal. The property will be restored to DPRC specifications. The project is scheduled to be complete by fall of 2012. Appropriate County staff will review and approve all documents as required prior to execution.

RECOMMENDATION

The Parks Director respectfully recommends that DPRC, Department of Transportation and Public Works, Corporation Counsel and Risk Management staff be authorized to negotiate, prepare, review, approve, and record all documents and perform all actions required to grant a permanent easement to the city of Franklin for the construction, operation and maintenance of the proposed sanitary sewer system, and to execute the required permits for sanitary sewer improvements in the

ADDRESS
9480 Watertown Plank Road
Wauwatosa, WI 53226-3560

PHONE/FAX
ph: **414 / 257 PARK** (7275)
fax: 414 / 257 6466

EMAIL
parks@milwcnty.com

WEBSITE
countyparks.com

Root River Parkway. It is further recommended that the County Executive and County Clerk be authorized to execute the easements and required documents.

Prepared by: Paul Kuglitsch, Contract Services Officer/DPRC

Recommended by:

James Keegan, Chief of Administration and External Affairs

Approved by:

Sue Black, Parks Director

Attachments: Exhibits

cc: County Executive Chris Abele
George Aldrich, Chief of Staff, County Executive's Office
Terrence Cooley, Chief of Staff, County Board
Supv. Gerry Broderick, Chairman, Parks, Energy & Environment Committee
Supv. Joe Sanfelippo, Vice-Chair, Parks, Energy & Environment Committee
Sarah Jankowski, Fiscal Mgt. Analyst, Admin & Fiscal Affairs/DAS
Linda Durham, Parks, Energy & Environment Committee Clerk
Glenn Bultman, Research Analyst, County Board

File No. 11-
(Journal,)

(ITEM NO.) From the Director, Department of Parks, Recreation and Culture (DPRC), seeking authorization to grant a permanent easement to the city of Franklin to allow for the construction, operation and maintenance of a sanitary sewer through the Root River Parkway, from approximately 68th Street to 76th Street, south of Ryan Road, by recommending adoption of the following:

A RESOLUTION

WHEREAS, the city of Franklin (City) is planning to connect two major segments of its sanitary sewer system servicing the south central portion of its community by constructing a section of the sewer on Milwaukee County parkland between 68th Street and 76th Street in the Root River Parkway south of Ryan Road; and

WHEREAS, to effectuate the construction of the sewer the City requires from DPRC a permanent easement upon, under and across said parkland; and

WHEREAS, the City has offered compensation of $5,100 for this easement; and

WHEREAS, it is the City's role and responsibility to identify, propose and pay for reliability projects, as well as all required future maintenance and repairs; and

WHEREAS, the City has requested that Milwaukee County grant a permanent easement over the afore mentioned easement area; and

WHEREAS, DPRC has reviewed and approved the City's preliminary plans for their proposed improvements; and

WHEREAS, the City and its contractors will perform all construction, operation, maintenance and site restoration for these improvements at no cost to the County; and

WHEREAS, the Parks Director has recommended that the authority to prepare, review, approve, execute and record all documents as required to execute the requested easement be granted to the Parks Department, the Department of Transportation and Public Works, Corporation Counsel, Risk Management, County Clerk, Register of Deeds, and the County Executive; now, therefore,

BE IT RESOLVED, that the Milwaukee County Board of Supervisors hereby authorizes the Parks Director, the Department of Transportation and Public Works, Risk Management, Corporation Counsel and Register of Deeds to prepare, review, approve, execute and record all documents, and perform all actions as required to grant, execute

and implement the required permits and easements for the construction, operation and maintenance of a sanitary sewer through the Root River Parkway, from approximately 68th Street to 76th Street, south of Ryan Road; and

BE IT FURTHER RESOLVED that the County Executive and County Clerk are authorized to execute the easement and required documents.

MILWAUKEE COUNTY FISCAL NOTE FORM

DATE: May 3, 2011

Original Fiscal Note ☒

Substitute Fiscal Note ☐

SUBJECT: Authorization to Grant to the City of Franklin a Permanent Easement for a Sanitary Sewer in the Root River Parkway

FISCAL EFFECT:

☐ No Direct County Fiscal Impact

X Existing Staff Time Required

☐ Increase Operating Expenditures
(If checked, check one of two boxes below)

☐ Absorbed Within Agency's Budget

☐ Not Absorbed Within Agency's Budget

☐ Decrease Operating Expenditures

X Increase Operating Revenues

☐ Decrease Operating Revenues

☐ Increase Capital Expenditures

☐ Decrease Capital Expenditures

☐ Increase Capital Revenues

☐ Decrease Capital Revenues

☐ Use of contingent funds

Indicate below the dollar change from budget for any submission that is projected to result in increased/decreased expenditures or revenues in the current year.

	Expenditure or Revenue Category	Current Year	Subsequent Year
Operating Budget	Expenditure	0	0
	Revenue	5100	0
	Net Cost	0	0
Capital Improvement Budget	Expenditure	0	0
	Revenue	0	0
	Net Cost	0	0

DESCRIPTION OF FISCAL EFFECT

In the space below, you must provide the following information. Attach additional pages if necessary.

A. Briefly describe the nature of the action that is being requested or proposed, and the new or changed conditions that would occur if the request or proposal were adopted.
B. State the direct costs, savings or anticipated revenues associated with the requested or proposed action in the current budget year and how those were calculated. [1] If annualized or subsequent year fiscal impacts are substantially different from current year impacts, then those shall be stated as well. In addition, cite any one-time costs associated with the action, the source of any new or additional revenues (e.g. State, Federal, user fee or private donation), the use of contingent funds, and/or the use of budgeted appropriations due to surpluses or change in purpose required to fund the requested action.
C. Discuss the budgetary impacts associated with the proposed action in the current year. A statement that sufficient funds are budgeted should be justified with information regarding the amount of budgeted appropriations in the relevant account and whether that amount is sufficient to offset the cost of the requested action. If relevant, discussion of budgetary impacts in subsequent years also shall be discussed. Subsequent year fiscal impacts shall be noted for the entire period in which the requested or proposed action would be implemented when it is reasonable to do so (i.e. a five-year lease agreement shall specify the costs/savings for each of the five years in question). Otherwise, impacts associated with the existing and subsequent budget years should be cited.
D. Describe any assumptions or interpretations that were utilized to provide the information on this form.

A. The City of Franklin (City) has requested a permanent easement upon, over, and across Milwaukee County parkland, specifically the Root River Parkway, to construct, operate, and maintain a sanitary sewer. Based upon an appraisal report prepared for this project the City has offered $5,100 as compensation for the easement. All installation and restoration performed on the property will be completed to the satisfaction of the Parks Department at no cost to the County.

B. None.

C. No Impact.

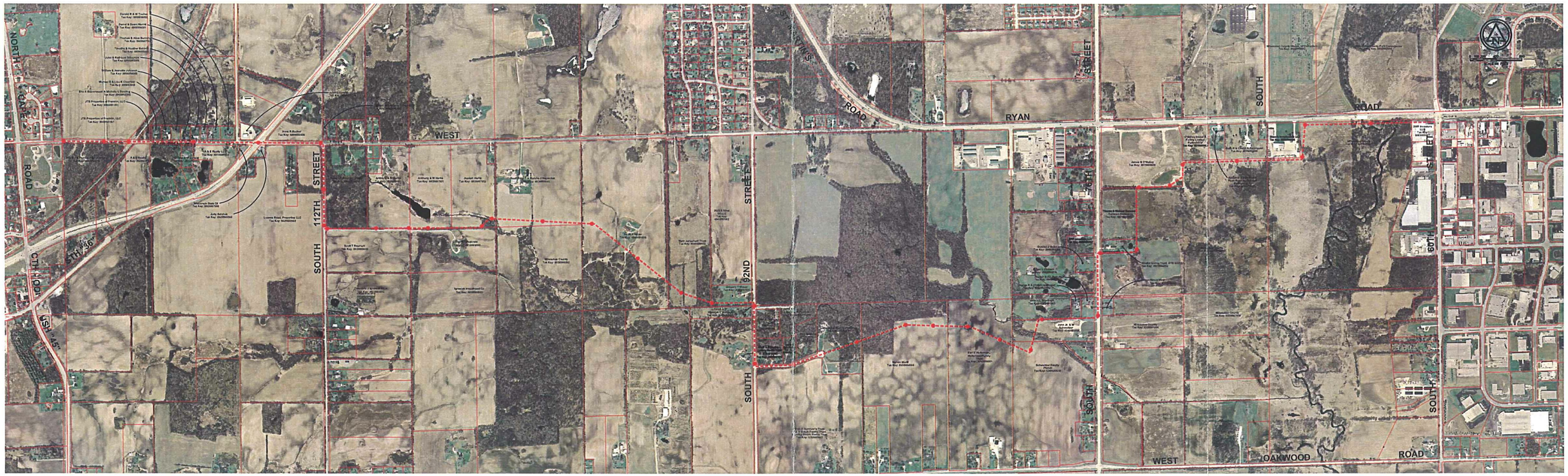
D. None.

Department/Prepared By Kevin Haley/DPRC

Authorized Signature _____

Did DAS-Fiscal Staff Review? ☐ Yes ☒ No

[1] If it is assumed that there is no fiscal impact associated with the requested action, then an explanatory statement that justifies that conclusion shall be provided. If precise impacts cannot be calculated, then an estimate or range should be provided.



CITY OF FRANKLIN
RYAN CREEK INTERCEPTOR

PRELIMINARY ROUTE
SEPTEMBER 28, 2010

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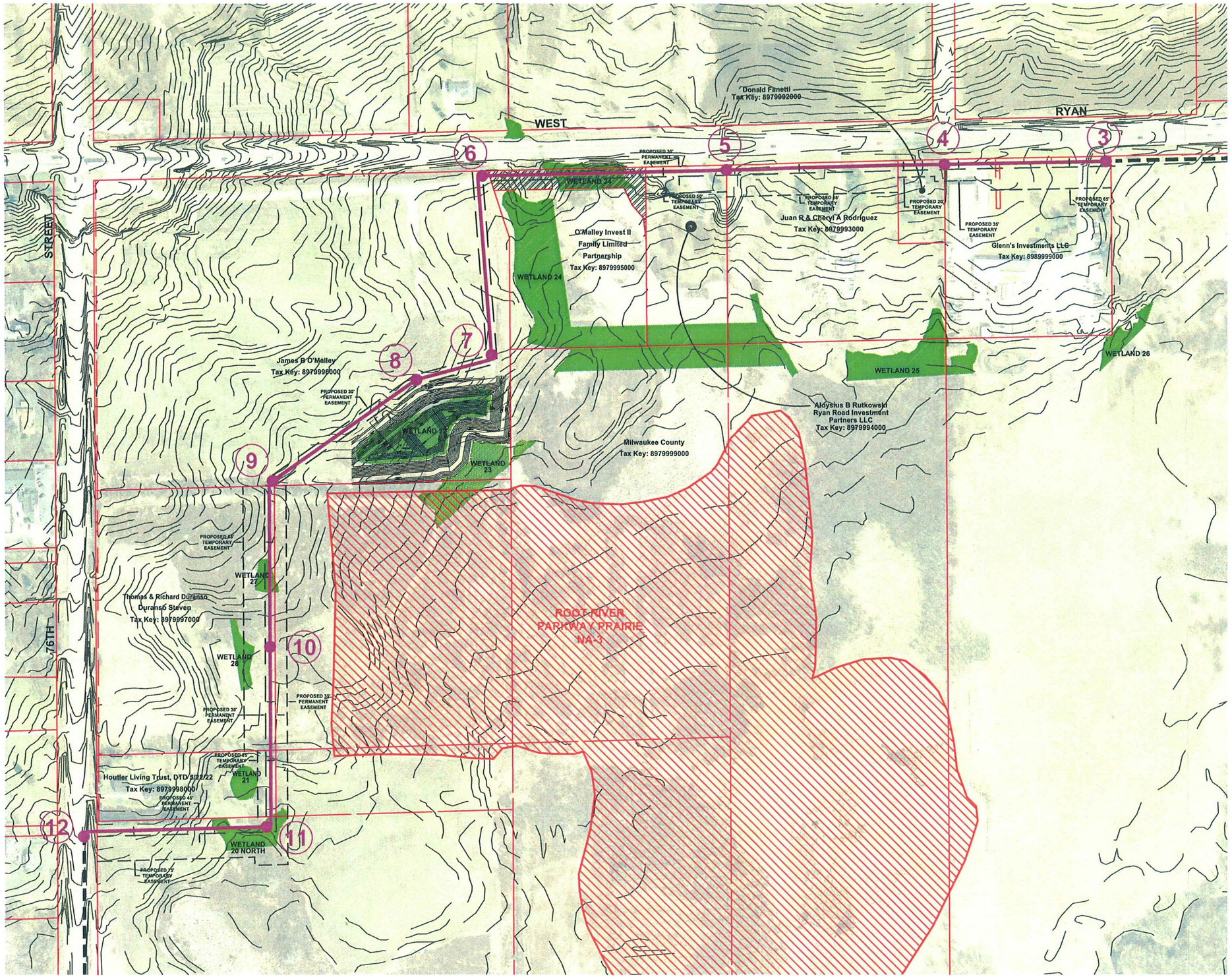

City of Franklin
A Thriving Community in Southeastern Wisconsin

EXHIBIT 1

RYAN CREEK INTERCEPTOR ALTERNATE ALIGNMENTS

CITY OF FRANKLIN
MILWAUKEE COUNTY, WISCONSIN

LEGEND

- PRELIMINARY RYAN CREEK INTERCEPTOR ROUTE
- PRELIMINARY RYAN CREEK INTERCEPTOR MANHOLE
- ALTERNATE 7 (PURPLE ROUTE)
- WETLAND 23 — WETLAND DELINEATED BY SEWRPC

NOTE:
FULL EXTENT OF WETLANDS
OUTSIDE OF EASEMENTS
NOT SHOWN

N
W E
S

0 100 200 300 600
SCALE IN FEET

DATE: FEBRUARY 23, 2011

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Feb 23, 2011 11:11 PLOTTED BY: Akrueger SAVED BY: Akrueger
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XREFS: Xzoax-Franklin; Ryan Creek Woods_Root River Parkway Prairie NA-3; Dgcdbar1; Cdbar1

SOURCE: RIM
BASEMAP SOURCE: MILWAUKEE COUNTY

Dec 17, 2010 3:2C PLOTTED BY: AKrueger SAVED BY: AKrueger
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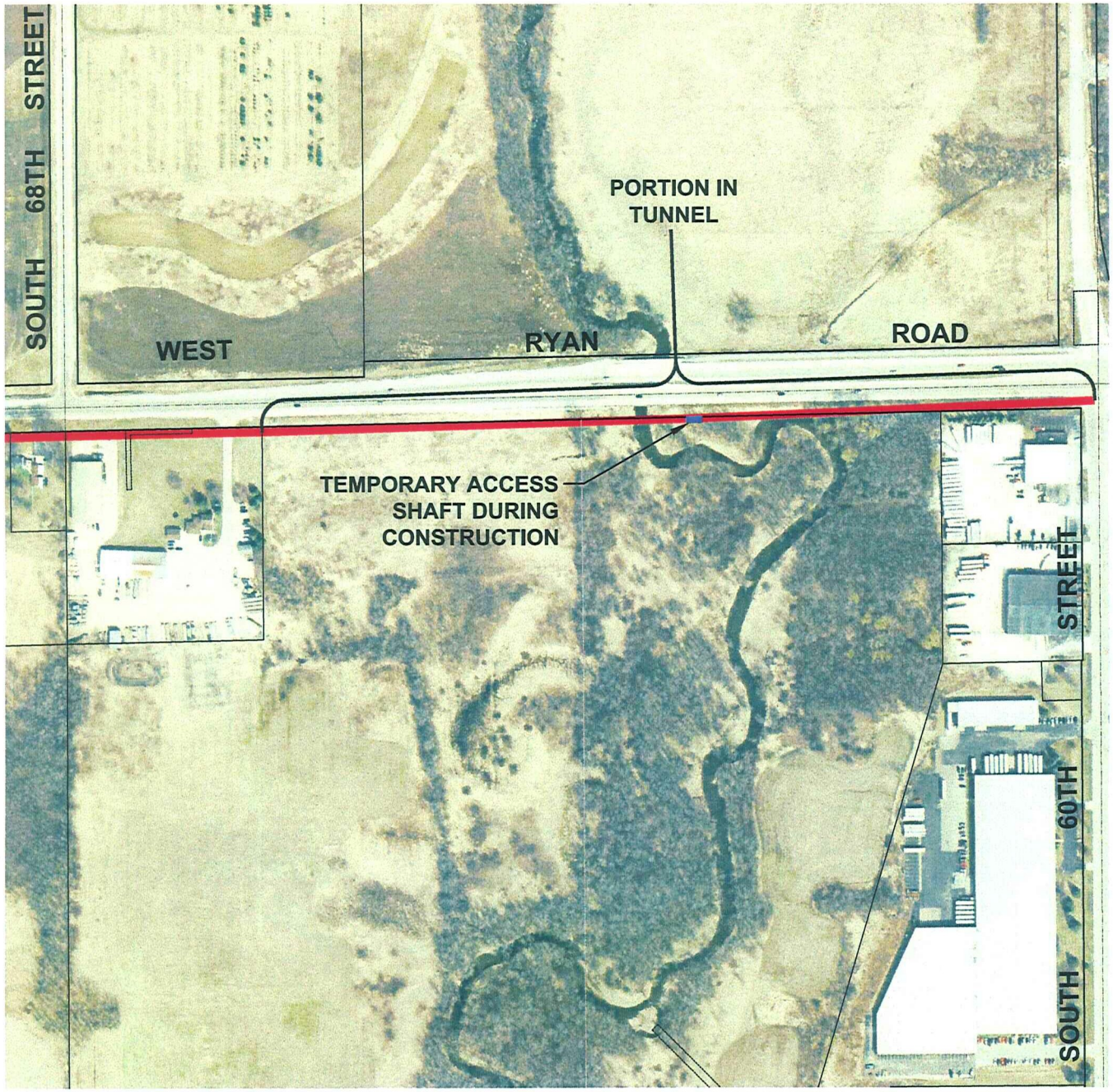

City of Franklin
A Thriving Community in Southeastern Wisconsin

EXHIBIT 2

RYAN CREEK INTERCEPTOR
ROOT RIVER TUNNEL PORTION

CITY OF FRANKLIN
MILWAUKEE COUNTY, WISCONSIN

LEGEND

RYAN CREEK INTERCEPTOR PRELIMINARY ROUTE

N
W E
S

0 100 200 400 800
SCALE IN FEET

DATE: DECEMBER 17, 2010

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SOURCE: RM
BASEMAP SOURCE:MILWAUKEE COUNTY

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