



*Parks, Recreation & Culture Department*  
*2017 Completed*  
*Capital Improvement Projects*

## *Pulaski Milwaukee Pavilion Improvements*



Wednesday, March 8, 2017  
6:00 - 7:30 p.m.

Pulaski Park Pavilion  
2677 S. 16th St., Milwaukee

### **PULASKI PARK PAVILION GRAND RE-OPENING!**

Join County Supervisors **Marina Dimitrijevic** and **Peggy A. West** for an open house and informational session on the park improvements at Pulaski Park and changes coming due to the Kinnickinnic River Restoration Project in the park and neighborhood.

- **PAVILION RENOVATIONS** Replacement of restroom, interior piping, wall and doors, exhaust fans, drinking fountain, light fixtures, wall finishes and the addition of exit and emergency lighting
- **MMSD KINNICKINNIC WATERSHED FLOOD MANAGEMENT PLAN** Concrete channel lining removal, river restoration and flood impact reduction
- **FUTSAL COURT** A hard surface, fenced-in, small version of a soccer field, created in the footprint of the tennis courts
- **INDOOR SWIMMING POOL IMPROVEMENTS** New heating, ventilation, air conditioning dehumidification swimming pool and indoor painting

- Cost \$240,000
- Completed February 2017



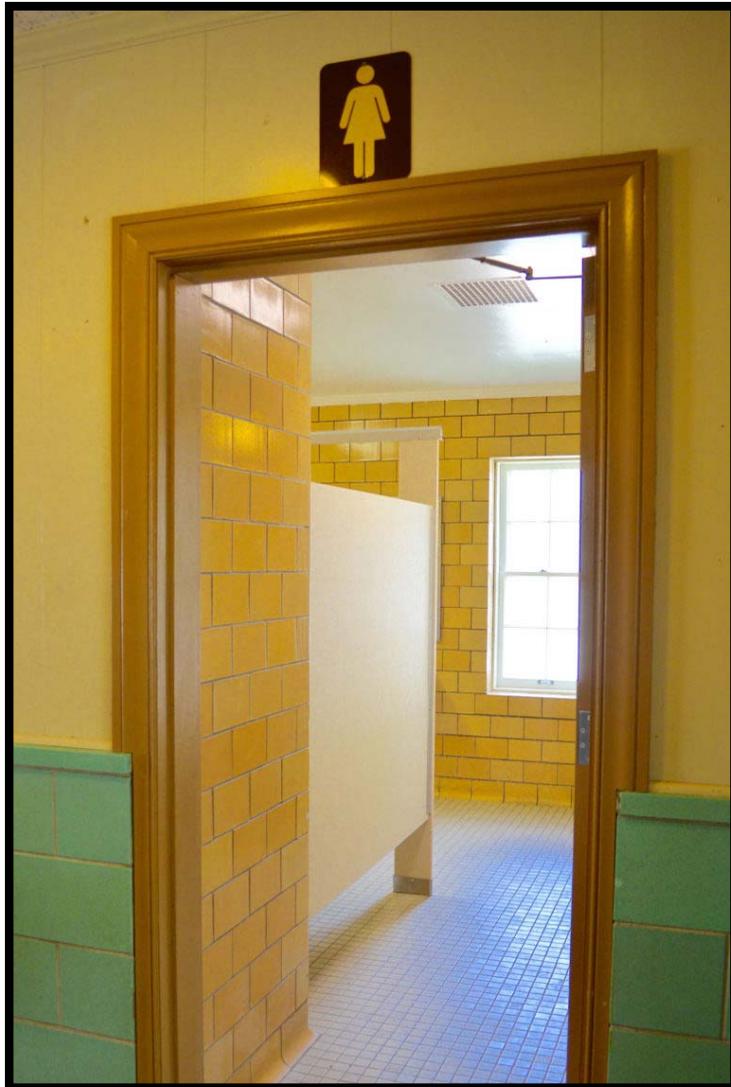
- Replacement of restrooms, interior piping, walls and doors, exhaust fans, drinking fountain light fixtures, wall finishes
- Addition of exit and emergency lighting

## *Pulaski Cudahy Park Pavilion Improvements*

- Paid for out of Major Maintenance and from Park Skilled Trade labor
- Completed March 2017
- Chimney rebuild, tuckpointing, boiler flue lined, interior plaster work, painting, heating controls



## *Humboldt Pavilion Restroom Improvements*



- Cost \$106,000
- Completed April 2017
- 2015 - \$50K for new Accessible urinals, tile, and critical underground cleanup and sewer infrastructure repairs due to years of leaking pipes under the men's bathroom urinals into the below ground crawl space
- 2016 – Collaboration with Friends and St Francis Brewery on design and funding for restroom renovations
- 2017 – \$56K for restroom renovations funded with:
  - \$23,400 Saint Francis Brewery
  - \$5,554 Humboldt Park Friends
  - \$27,004 Park Amenities Matching Fund (PAMF)

—Photo by Jennifer Kresse, Bay View Compass

# Scout Lake Boardwalk



- Cost \$45,000
- Completed April 2017
- Paid for out of Major Maintenance Budget
- Existing asphalt walkway through wetland was underwater part of the year
- New boardwalk provides dry passage through wetland

## *South Shore Pavilion Improvements*

- Cost \$490,000
- Completed April 2017
- New kitchen install to support beer garden including electrical, HVAC, plumbing in existing historic structure



## *Doctors Park Pavilion Replacement*

- Cost \$670,000
- Completed May 2017



- Replaced 1949 comfort station with new modern and universally accessible restrooms with attached picnic shelter including upgraded electrical service, walkways, and bike racks.



## *McGovern Park Pavilion Replacement*



Before

- Replaced pavilion (formerly the bathhouse) with new modern and universally accessible restrooms including new water service, walkways, and bike racks.

- Cost \$705,000
- Completed May 2017



After

## *Kern Park Pavilion Replacement*

- Cost \$725,000
- Completed May 2017



Before

- Replaced 1928 park pavilion with new modern and universally accessible restrooms with attached picnic shelter including new electrical service, walkways, and bike racks.



After

## *Cool Waters Water Slide Replacement*



## *Humboldt Roof Replacement*

- Cost \$350,000
- Completed May 2017
- Cedar Shakes, Cupola, Soffits, Eaves, & Fascia



Before



After

## Zablocki Park Culvert Replacement

- Cost \$90,000
- Completed May 2017



**Before**

- Paid for out of Major Maintenance Budget
- Required hydraulic analysis and WDNR General Permit



**After**

## *Smith Park Retaining Wall Rebuilding*

- Cost \$80,000
- Completed May 2017
- Rebuilt Stone Retaining Walls and Stairs and created Accessible switchback

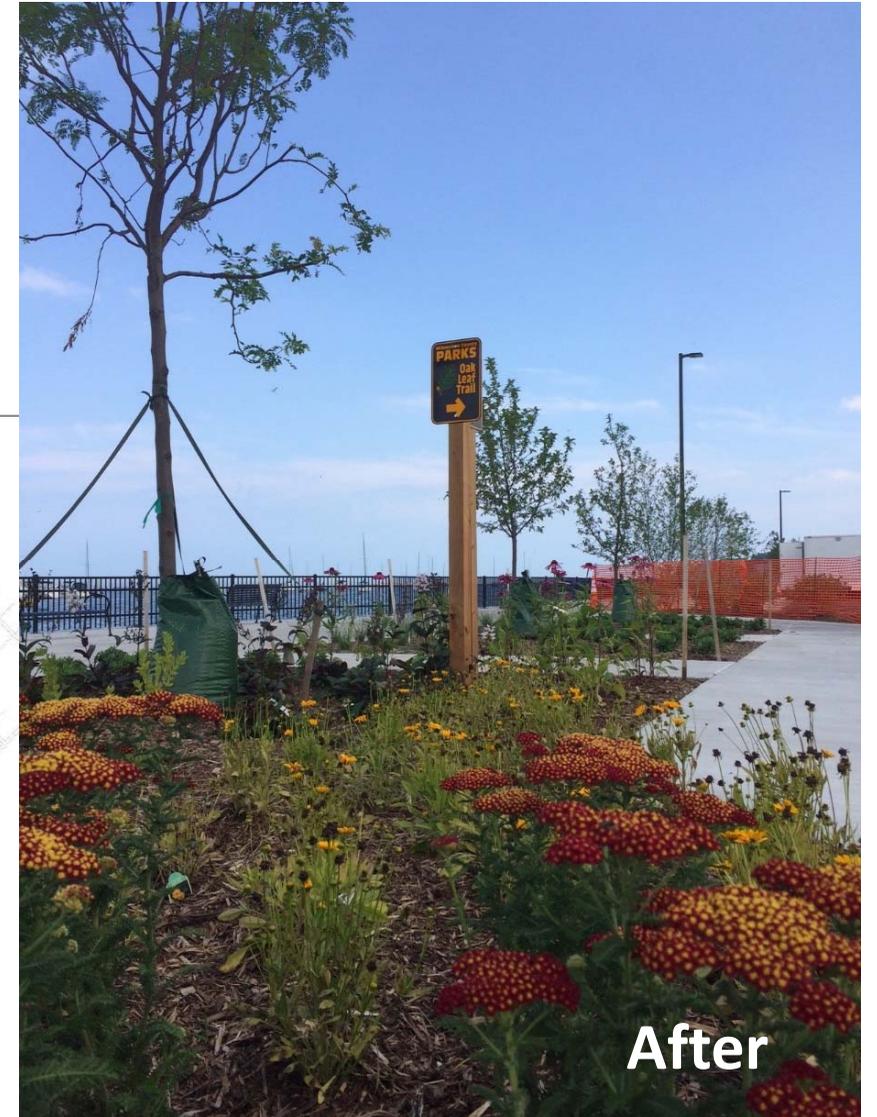


# South Shore Parking Lot and Waterfront Reconstruction



Before

- Cost \$3,300,000
- Completed June 2017
- Parking Lot & Waterfront Reconstruction



After

Funding included Grants:

- \$800,000 Waterways
- \$100,000 MMSD G.I.
- \$175,000 EPA GLRI

## *Honey Creek Streambank Stabilization*



Before

- Cost \$250,000
- Completed June 2017
- Streambank Stabilization Upstream of the Wellauer to avoid the creek realigning itself and washing away the parkway road



After

- Paid for out of Major Maintenance Budget

## *Wilson Pavilion Structural Improvements*



- Cost \$200,000
- Completed June 2017
- Structural and façade repairs

## *Oakwood Golf Course Cart Paths and Renovations – Front Nine*



- Cost \$650,000
- Completed July 2017
- Constructed 8' wide asphalt cart paths along holes 1-9
- Included drainage improvements on 2<sup>nd</sup> hole
- Greens and bunkers for front nine were renovated in 2010
- Back nine Cart Paths, Greens, and Bunkers done in 2016
- Project result: Accessibility to Course during wet season

## *Oakwood Golf Course Improvements*



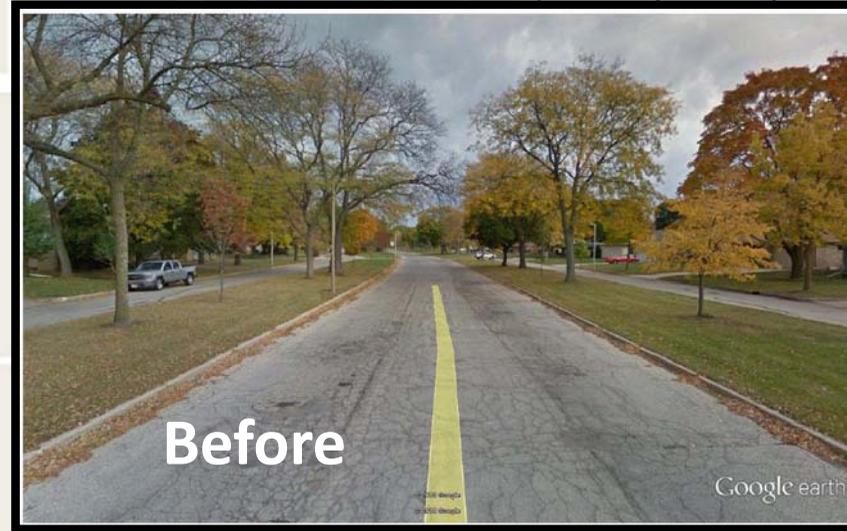
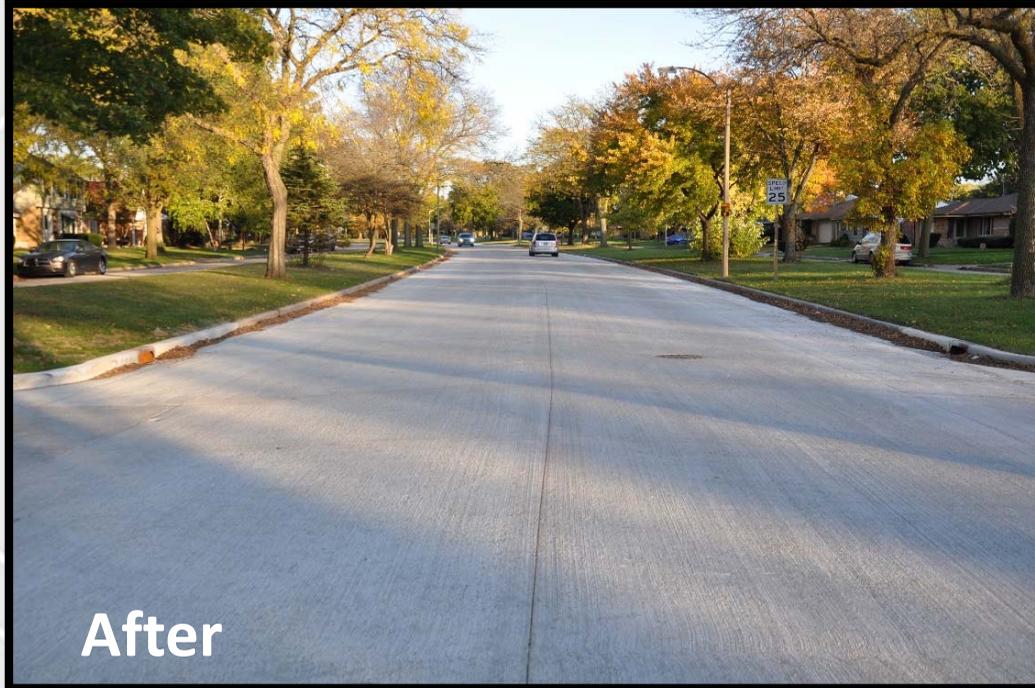
County Board Golf Outing held at Oakwood GC:  
Supervisors Schmitt, Mayo, Taylor, and Chairman Lipscomb

## *Whitnall Golf Course Comfort Station*

- Cost \$200,000
- Completed August 2017
- Existing Comfort Station destroyed by fire on October 21<sup>st</sup>, 2015



# Kinnickinnic Parkway Road Reconstruction from S 76<sup>th</sup> St to W Cleveland Ave



- Cost \$1,250,000
- Completed September 2017
- Replaced Asphalt Pavement with Concrete Pavement within the existing curb and gutter

# Washington Park Baseball Demolition

- Cost \$44,000
- Completed September 2017



**Before**



**During**

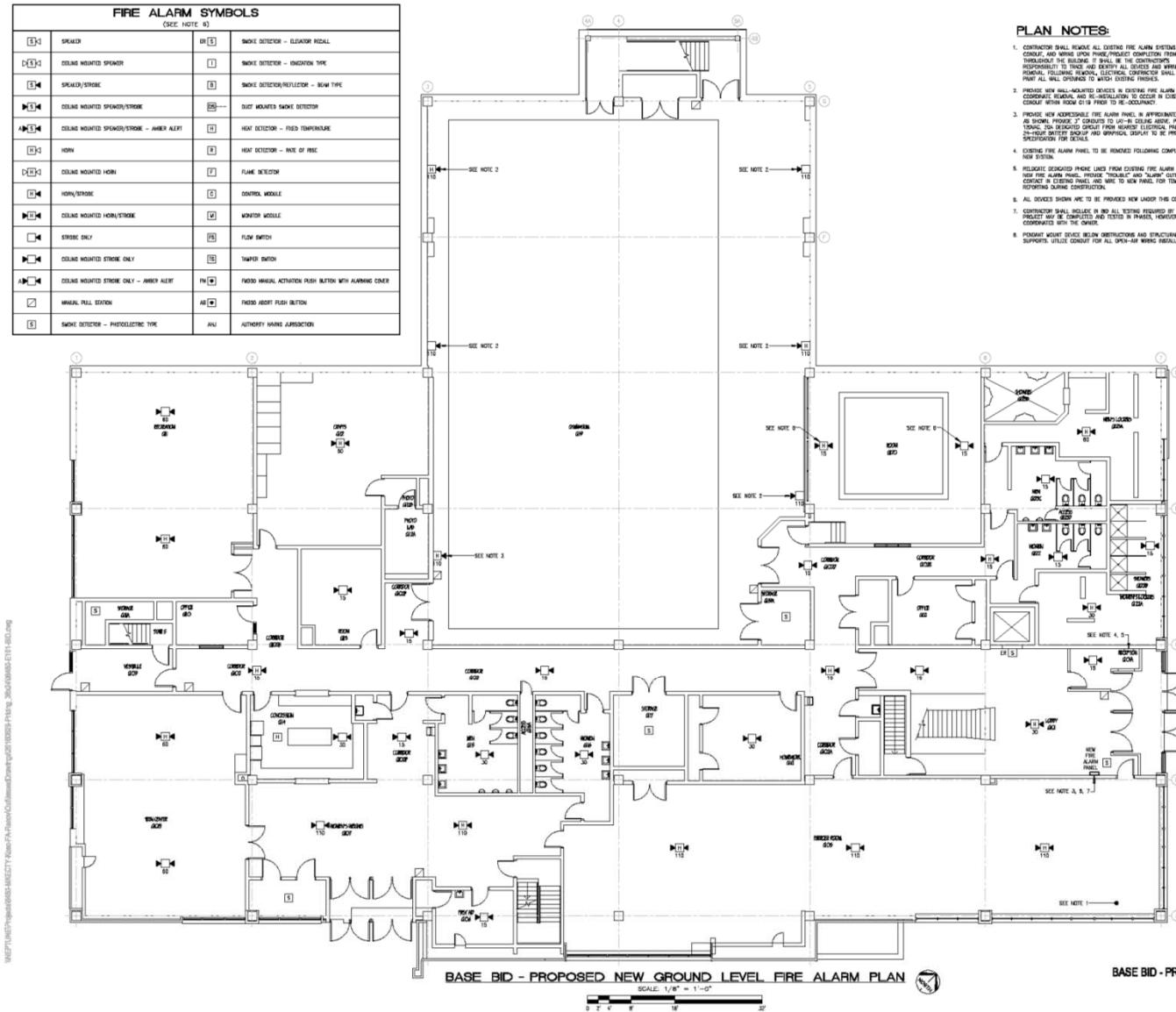


**After**

# Kosciuszko Community Center Fire Alarm System Replacement

- Cost \$134,000
- Completed October 2017
- Required for Code Compliance
- Temperature heat detectors, smoke detectors, manual pull stations, ceiling mounted horns and strobes, duct smoke detectors, control modules, controls and control panel

FIRE ALARM SYMBOLS (SEE NOTE 8)			
	SP	SMOKE DETECTOR - ELEVATOR RIGIDAL	ED
	SPC	SMOKE DETECTOR - ELEVATOR TYP	EDT
	SPS	SMOKE DETECTOR/REFLECTOR - BEAM TYPE	EDR
	SPSC	DUCT MOUNTED SMOKE DETECTOR	EDD
	SPSCA	HEAT DETECTOR - FROD TEMPERATURE	EDH
	H	HEAT DETECTOR - RATE OF RISE	EDR
	HPC	FLAME DETECTOR	EDF
	HS	CONTROL MODULE	EDM
	HPCS	MONITOR MODULE	EDMM
	S	FLOW SWITCH	EDFS
	SC	TRIPPER SWITCH	EDTS
	SCA	FRDQ WHEEL ACTUATION PUSH BUTTON WITH ALARMING CENTER	EDFW
	MPS	FRDQ ASBPT PUSH BUTTON	EDFASB
	SD	AUJ	AUTHORITY HAVING JURISDICTION



### PLAN NOTES:

- CONTRACTOR SHALL REMOVE ALL EXISTING FIRE ALARM SYSTEMS, CONTROL AND WIRING FROM PROJECT/REPAIR COMPLETION FROM THROUGHOUT THE BUILDING. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO UNDO AND IDENTIFY ALL SERVICES AND WIRING FROM ROOMS FOLLOWING REMOVAL. ELECTRICAL CONTRACTOR SHALL PATCH AND PAINT ALL WALL OPENINGS TO MATCH EXISTING FINISHES.
- REMOVE NEW WALL-MOUNTED DEVICES IN EXISTING FIRE ALARM CONTROL ROOMS, HALLS, AND RE-REGULATE TO CODES IN EXISTING GROUP WITH ROOM OR FROM RE-REGULATED.
- REMOVE NEW ADDITIONAL FIRE ALARM PANEL APPROXIMATE LOCATION AS SHOWN, PROVIDE 3" CONCRETE OR 1/2" IN CEILING ABOVE. PROVIDE 120VAC, 20A DEVICED CIRCUIT FROM NEAREST ELECTRICAL PANEL. 24-HOUR BATTERY BACKUP AND APPROVAL DISPLAY TO BE PROVIDED. SEE SPECIFICATIONS FOR DETAILS.
- EXISTING FIRE ALARM PANEL TO BE REMOVED FOLLOWING COMPLETION OF THIS SYSTEM.
- RELOCATE EXISTING PANEL FROM EXISTING FIRE ALARM PANEL TO NEW FIRE ALARM PANEL, PROVIDE "TRIPPER" AND "ALARM" OUTPUTS CONNECTED TO EXISTING PANEL AND WIRE TO NEW PANEL FOR TEMPORARY OPERATING DURING CONSTRUCTION.
- ALL DEVICES SHOWN ARE TO BE PROVIDED NEW UNLESS THE CONTRACTOR DETERMINES OTHERWISE.
- CONTRACTOR SHALL REMOVE AND RE-INSTALL ALL WIRING REQUIRED BY ALL PROJECTS TO BE COMPLETED AND TESTED IN PHASES, HOWEVER IT IS TO BE COORDINATED WITH THE OWNER.
- PROVIDE WIRING DEVICE BELOW OBSTRUCTIONS AND STRUCTURAL CEILING SUPPORTS. UNLESS CONSULT FOR ALL OPEN-UP WORKING RELATIONS.

### GENERAL NOTES:

- EXISTING DEVICES SHALL BE FULLY FUNCTIONAL TO THE EXTENT OF THE CODE AND SYSTEM IDENTIFIED HEREIN. HOWEVER, THEY ARE NOT LIMITED TO THE FOLLOWING FIRE PROTECTION SYSTEMS: ELEVATOR RIGIDAL, SMOKE SECURITY AND RELIABLE, SMOKE-SPILL, DUCT DETECTORS, ETC. (SEE COORDINATION WITH THE OWNER AS REQUIRED) DURING THE CONSTRUCTION PHASE OF THE WORK TO ENSURE SYSTEMS OPERATE THROUGHOUT THE PROJECT AND UPON COMPLETION.
- FROM THESE NOTES, CONTRACTORS AND WORKING ARE TRIGGERED FROM ROOM PLANS PROVIDED BY THE OWNER. IF THERE ARE DISCREPANCIES IN ROOM TYPES AND OCCUPANCIES, CONTACT OWNER FOR CLARIFICATION. REQUIRE THE POSITION OF SUBSTITUTION OF ADDRESS CODES. REQUIRED OCCUPANCY AND PROTECTION. THE CONTRACTOR SHALL HAVE THE APPROPRIATE ADDRESSING, NOTIFY NUMBER AND INCLUDE THE ON THE ADDRESS BRANDED. ALL ROOM NAMES AND NUMBERS SHALL BE UPDATES OR REVISY SERVICE.
- ALL NEW DEVICES SHALL BE PROVIDED IN SUPPORTED CEILING WALLS OR SURFACE UNLESS OTHERWISE SPECIFIED. UNLESS THE CONTRACTOR SHALL SURFACE MOUNTED DEVICES AND PROVIDE IN USE IN EXISTING SPACES AND PUBLIC AREAS WITHOUT SPECIFIC WRITTEN RESTRICTIONS FROM THE OWNER.
- THE EXISTING FIRE ALARM SYSTEM SHALL REMAIN IN FULL OPERATION DURING CONSTRUCTION OF THE NEW FIRE ALARM SYSTEM. ONLY THE NEW FIRE ALARM SYSTEM IS FULLY COMMISSIONED AND APPROVED BY THE AUJ. SHALL THE OPERATION OF THE EXISTING SYSTEM BE THE CONTRACTOR'S RESPONSIBILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EXISTING SYSTEMS, ONE OF THE OTHER SHALL BE TEMPORARILY RESTRICTED. INCORPORATE QUANTITY WITH PROPERTY CHARACTERISTICS. ALL EXISTING TIES SHALL BE REPAIRED AND WOULD SUPPORTS PROVIDED AND PATCHED TO THE SATISFACTION OF THE OWNER. THE CONTRACTOR SHALL GET THIS WORK TO AN APPROPRIATE SUB-CONTRACTOR WORKING IN THESE TIES.
- CEILING TIES AND HEIGHTS MUST THROUGHOUT THE BUILDING. IN SPACES WHERE THE CEILING IS SUPPOSED TO BE 10'-0" IN, THE NEW DEVICES SHALL BE PROVIDED WITH 10'-0" HANGERS. THE CEILING SHALL BE ADJUSTED AS REQUIRED TO ACCOMMODATE THE HANGING HEIGHT AND ACTUAL EQUIPMENT BEING PROVIDED. MAKE THE CEILING IS CORRECT TO STRUCTURE. THE STROBE AND SMOKE DEVICES SHALL BE PROVIDED MOUNTED FROM STRUCTURE AT A HANGING HEIGHT OF 12' MINIMUM ABOVE FINISH FLOOR. EXISTING DEVICES SHALL BE RELOCATED TO STRUCTURAL CEILING WITH QUANTITIES ADJUSTED BASED ON MOUNTING HEIGHTS AND ACTUAL EQUIPMENT PROVIDED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD ADJUSTING NEW DEVICES AND UNITS TO MATCH EXISTING WITH EXISTING LIGHTING FIXTURES, HANG DEVICES, SPRINKLER, SIGNAL, CALL, TROUBLE, AND SIGNAL EQUIPMENT.
- SEE CODE TO LIGHTING SMOKE SENSING DEVICES AWAY FROM HVAC GRILLS SO PERFORMANCE REMAINS OPTIMAL.
- QUANTITIES SHOWN ON THE PLANS ARE ESTIMATED BASED ON ONE MANUFACTURER. ACTUAL QUANTITIES MAY VARY BASED ON SUCCESSFUL MANUFACTURER AND HIS PERFORMANCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PERFORMANCE OF THE CONTRACTOR TO ACCORD WITH THESE MODIFICATIONS TO BE MADE. THESE CHANGES SHALL NOT RESULT IN A CHANGE ORDER TO THE OWNER.
- THE SUCCESSFUL BIDDING SHALL PROVIDE ALL REQUIRED RELEASE DRAFT CALCULATIONS, WIREING CALCULATIONS, CIRCUITING AND PLANS SHOWING ALL DEVICES AND WIRING FOR OWNER'S REVIEW. ON-ON DRAWINGS SHALL BE PROVIDED SHOWING REVISIONS OF THE NEW FIRE ALARM SYSTEM WITH EXISTING BUILDING SYSTEMS AND EQUIPMENT.
- ALL NEW 120V POWER FOR NEW FIRE ALARM EQUIPMENT SHALL BE PROVIDED UNDER THE CONTRACT. ALL DEVICES SHALL BE PATCHED AND MARKED FOR 24-HOUR BATTERY BACKUP. ALL DEVICES SHALL BE PROVIDED WITH 24-HOUR BATTERY BACKUP. ALL DEVICES SHALL BE PROVIDED WITH 24-HOUR BATTERY BACKUP. ALL DEVICES SHALL BE PROVIDED WITH 24-HOUR BATTERY BACKUP.
- OPERATION OF THE EXISTING FIRE ALARM SYSTEM SHALL BE FULLY RESTORED FOLLOWING ANY RESTRICTIONS OF TEMPORARY WORK AND RESPONSIBLE CONTRACTORS SHALL BE PROVIDED TO ENSURE SERVICE IS RESTORED PRIOR TO COMPLETION OF THIS CONTRACT.
- EXISTING FIRE ALARM SYSTEM SHALL BE COMPLETELY DEMOLISHED UPON COMPLETION AND REMOVAL OF NEW SYSTEM. UNLESS OTHERWISE INDICATED BY ALL INTERFERING AGENCIES, WIRING, INCONVENIENT AND BODIES (UNLESS ACCESSIBLE) BETWEEN DEVICES, CONTROL AND MONITORING POINTS AND HARD LINES PANELS. SPECIFIC LOCATION PLANS WILL BE INTERNALLY NOT RELATED TO THESE DRAWINGS AS ACCURATE RECORD DRAWINGS OF THESE SYSTEMS ARE NOT AVAILABLE.



Kosciuszko Community Center - Fire Alarm Renovation  
**MILWAUKEE COUNTY PARKS**  
 2201 S. 7th St., Milwaukee, Wisconsin 53215

DATE: 06/29/2018  
 PROJECT: P000-18004  
 SITE NO: 774  
 BUILDING NO: 4070  
 DRAWN BY: JC

**MILLER ENGINEERING**  
 INFORMATION TECHNOLOGIES GROUP INC.  
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 MILWAUKEE, WISCONSIN 53203  
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 06/22/2018

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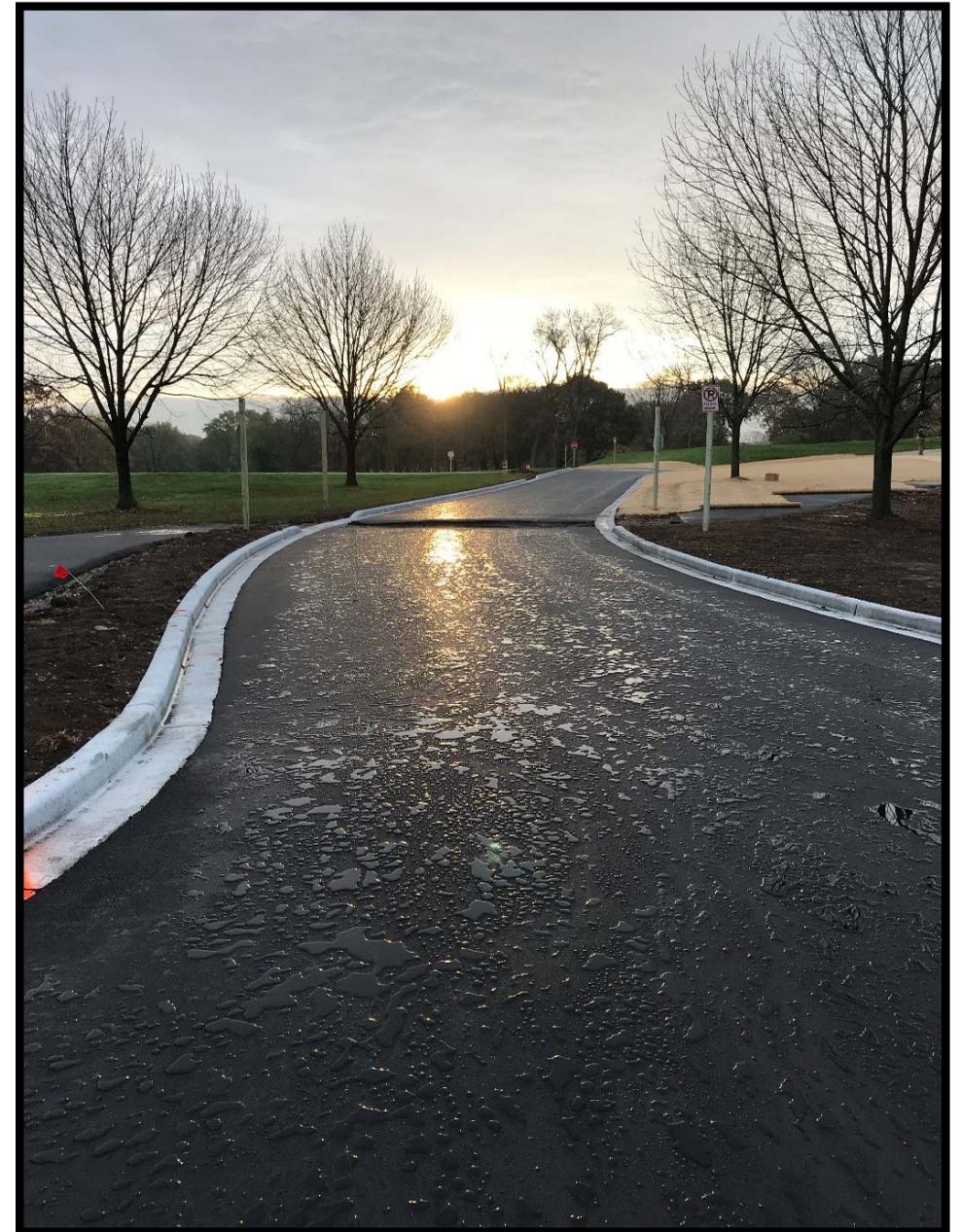
# *Whitnall Park Bridge Reconstruction Projects*



- Four Bridges reconstructed in Whitnall Park
- Two completed in 2016 and two completed in 2017
- Armoring of Embankments
- County highway and WisDOT funding



## *Brown Deer Park Road Reconstruction*



## *Tennis Court Lighting Retrofit at Lake and McKinley*



- Cost \$600,000
- Completed 2017
- 2014 Innovation Fund Project

## *Lincoln Memorial Drive Lighting Retrofit*



- Cost \$128,000
- Completed 2016
- 2014 Innovation Fund Project to Retrofit light fixtures on LMD with Light Emitting Diodes (LED)

