AURORA ILLINOIS

RIVEREDGE PARK

AURORA PARK COLLABORATIVE
Christopher B. Burke Engineering Ltd. Civil /Structural Design
Muller&Muller Ltd., Architects
Terry Guen Associates, Inc, Landscape Architecture
Wills, Burke, Kelsey Associates, Wetland Design and Management
Virgillio and Associates, Ltd Associates, Structural Engineers
IDC Green Solutions, LLC, Building Systems Engineers
Talaske Sound Thinking, Sound Engineering
Schuler and Shook, Lighting And Theater Design
Edward K. Uhlir, Park Design and Management Consulting
World Festival Productions, Inc.
RiverEdge Park
Community, Recreation, Innovation, and Economics
• Central gathering place
• Reposition the City’s image
• Source of community pride
• Encourage both passive and active recreation
• Enhance public access and recreational uses of existing and planned open space along the Fox River
• Optimize signature views of the river for travelers, whether motorists, pedestrians, bicyclists, or paddlers
INNOVATION

- Environmentally sustainable design
- Model of cutting edge technology
- Education and outreach on greening your community
- Revitalize and restore the health of the river

RiverEdge Park

A RIVER THAT IS A PARK | A PARK THAT IS A RIVER
- Maximize our tax base, facilitate job growth, and create a vibrant riverfront community
- Increased economic development
- Private sector investment
- Increased property values in proximity to Park
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RIVEREDGE PARK

MASTER PLAN
Master Plan approved on September 25, 2007 with Resolution R07-476
RiverEdge Park

A RIVER THAT IS A PARK / A PARK THAT IS A RIVER
Indian Creek Wetland

RiverEdge Park

A RIVER THAT IS A PARK | A PARK THAT IS A RIVER
Wilder Park

RiverEdge Park

A RIVER THAT IS A PARK / A PARK THAT IS A RIVER
Iconic Bridge

RiverEdge Park
Blues Island

RiverEdge Park  A RIVER THAT IS A PARK | A PARK THAT IS A RIVER
Music Garden

RiverEdge Park

A RIVER THAT IS A PARK / A PARK THAT IS A RIVER
Presentations to Seize the Future Board, Fox Valley Park District Board, Aurora Economic Development Commission, Greater Aurora Chamber of Commerce, Kiwanis, GreenTown Conference, ACTV

Public Involvement Programming Meetings

Public Website Launched
www.aurorariveredgedpark.org
RiverEdge Park Committee – Formed Seven Consultant Resource Task Forces with 41 public and private representatives:
- Environmental and Sustainable Concepts
- Financing and Fundraising
- Infrastructure, Streetscape, Permitting and Landscaping
- Land Acquisition and Agreements
- Programming and Operations
- Public Relations and Outreach
- Venue Design

Public Informational Booths at Downtown Alive! events, City Employee Open Enrollment Fair, and both City Expos
Traffic and Parking Report

Executive Summary

Aurora RiverEdge Park Music Garden Traffic Impact Study
June 4, 2008

The City of Aurora is planning the redevelopment of several acres of land along the Fox River into a large municipal park and recreational area. The area planned for redevelopment is bounded by New York Street on the south, Illinois Avenue on the north, IL Route 25 (Lake Street) on the west, and IL Route 26 (Broadway) on the east. The focus of this stage of redevelopment is the RiverEdge Park Music Garden, which is proposed to be located along the west side of IL Route 25 between Spring Street and the Aurora Park Office. The main feature of the RiverEdge Park Music Garden is an outdoor amphitheater with a capacity of 6,000 attendees.

Christopher R. Burke Engineering, Inc. (CRBE) has been retained by the City of Aurora to conduct preliminary and design engineering for the RiverEdge Park Music Garden. CRBE was retained by CRBE to perform the traffic impact study for this proposed stage of development. The goal of this study was to determine the level of impact generated by the proposed RiverEdge Park Music Garden, and recommend measures to mitigate impacts as necessary.

Existing traffic volumes were collected at intersections along IL Route 25 (Broadway) within the study area. The existing traffic volumes were then adjusted for estimated growth based on regional travel demand modeling and forecasting to establish background traffic volumes for the proposed site opening year plus five years, resulting in a horizon year of 2016.

Estimated site-generated traffic and pedestrian volumes were developed using vehicle occupancy data for a similar site within the region, as well as engineering judgment. Origins and destinations for these trips were determined based on locations of residential areas and downtown attractions, as well as location of parking near the RiverEdge Park Music Garden site. These trips were then assigned to the roadway network based on estimated origins and destinations.

Deviation of some traffic under the background traffic conditions was assumed in order to approximate motorists avoiding congestion near the RiverEdge Park Music Garden site during large events, resulting in the development of "base" traffic volumes. Site-generated traffic was added to the base traffic volumes in order to develop total traffic volumes.

Under both existing and background traffic conditions, the roadway network within the study area performs satisfactorily. In the total traffic scenario, the roadway network intersections...
Section 901.103 Sound Emitted to Class B Land

Except as elsewhere in this Part provided, no person shall cause or allow the emission of sound from any property-line-noise-source located on any Class A, B or C land to any receiving Class B land which exceeds any allowable octave-band sound pressure level specified in the following table, when measured at any point within such receiving Class B land, provided, however, that no measurement of sound pressure levels shall be made less than 20 feet from such property-line-noise-source.

Octave Band Center Frequency (Hertz) | Class C B | Class B | Class A Land
--- | --- | --- | ---
31.5 | 80 | 79 | 72
63 | 79 | 73 | 71
125 | 74 | 72 | 62
250 | 69 | 64 | 57
500 | 63 | 58 | 51
1000 | 57 | 52 | 45
2000 | 52 | 48 | 36
4000 | 48 | 41 | 34
8000 | 46 | 39 | 32

Section 901.194 Impulsive Sound

Except as elsewhere in this Part provided, no person shall cause or allow the emission of impulsive sound from any property-line-noise-source located on any Class A, B, or C land to any receiving Class A, B or C land which exceeds the allowable A-weighted sound levels, measured with fast dynamic characteristic specified in the following table when measured at any point within such receiving Class A, B or C land, provided, however, that no measurement of sound levels shall be made less than 25 feet from such property-line-noise-source.

Classification of Land on which Property-Line Noise-Source is Located | Allowable A-weighted Sound Levels
--- | ---
Class A Land | Class B Land | Class C Land
Daytime | 50 | 50 | 45
Nighttime | 61 | 50 | 46

RiverEdge Park

A RIVER THAT IS A PARK / A PARK THAT IS A RIVER
CITY OF AURORA
STORMWATER MANAGEMENT PERMIT APPLICATION
RIVEREDGE PARK MUSIC GARDEN

Prepared For:
City of Aurora
44 East Downer Street
Aurora, IL 60507
(830) 264 4636

WBK Project No. 06-0964A
December 15, 2009

Kristine Meyer, P.E., CFM
Illinois Registered Professional Engineer
No. 062-060877

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Permit Application to the Army Corps of Engineers

RiverEdge Park
A RIVER THAT IS A PARK / A PARK THAT IS A RIVER
Venue Design Task Force Tours Area Venues

RiverEdge Park

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RiverEdge Park

A RIVER THAT IS A PARK / A PARK THAT IS A RIVER
Alignment Study

RiverEdge Park
Light Pole – Festival Layout Coordination

Sound and Light Coordination Study

Stage and Topography Sight Line Studies

RiverEdge Park
First phase Park Development

RiverEdge Park — A RIVER THAT IS A PARK / A PARK THAT IS A RIVER
3D Modeling and Developed Scheme Animation
View of Main Gate along Broadway

RiverEdge Park  A RIVER THAT IS A PARK / A PARK THAT IS A RIVER
View of Gate From Broadway

RiverEdge Park
View North Through Market Toward Music Venue
View Approaching Music Venue
View South West From Inside Music Venue, Guest Service Building Beyond

RiverEdge Park
View of Stage From VIP Deck

RiverEdge Park
View of Music Venue During Evening Performance

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RIVEREDGE PARK MUSIC GARDEN

FUNDING AND CONSTRUCTION
• Leveraging public dollars with grants, donations and partnerships

• Funding for Park enhancements
RiverEdge Park
Public and Private Partners
Seize The Future
State of Illinois
Fox Valley Park District
Forest Preserve District of Kane County

Private Donations
RiverEdge Park

Why Become a Partner?

• Reinvestment in Aurora
• Enhances the existing Fox River Trail and river access

How to get involved?

• Spread the word
• Become a Friend of RiverEdge Park
• Visit website at www.riveredgeparkaurora.org