

Oshkosh Rebuilds a Community Asset



The greatest tennis assets in the United States are its courts – park, residential, club, school, and other public, private, and institutional facilities. Tax dollars support much of this asset base, creating active centers of social enterprise and supporting wide-ranging programs designed to help people learn the game, play it, and benefit from its many health and social benefits.

As many letters-to-the-editor and the United States Tennis Association point out, public tennis courts are part of the intangibles that make communities great. Public courts promote social bonds, encourage residents to get outside and exercise, and strengthen overall community connections. A thriving neighborhood tennis program benefits the whole community, providing constructive outlets for fun activities, fitness opportunities, and friendly

competitions. Key to successful neighborhood tennis programs is maintaining public courts in playable, safe condition.

Reconstruction Warranted

In our experience, a well-designed and constructed asphalt tennis court receiving proper maintenance will last about 25-years before court reconstruction is required.

Tennis courts dealing with design, installation, or maintenance shortcomings will confront major structural issues sooner than 25-years.

The condition of the 44th Parallel Park tennis facility in Oshkosh had reached the point where court reconstruction was justified, as resurfacing or repair options would only temporarily hide the existing courts' cracking and instability

LEFT: Satellite view – courtesy of Google Earth – of the project before pavement reconstruction. ABOVE: Asset restored.

problems. In addition to major structural issues, the facility had not been designed and installed correctly. Though the distance between the two courts was more than sufficient, the distance between the fence and the sideline on each court was too narrow. The existing courts were also too small: 118-feet by 106-feet instead of the regulation 120-feet by 108-feet.

Teamwork Powers Reconstruction

City forces removed the existing fencing and net posts and excavated an area adjacent to the facility to accommodate regulation-size courts. Munson, Inc. mobilized for court pulverization and used the pulver-

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Court & Track Newsletter to Go 100% Green in 2013

To best leverage technology and environmental efficiencies, Munson, Inc. will transform in 2013 its construction publication, **Court & Track**, to a full-color, digital newsletter, distributed only via email and directly to your email inbox.

Our first digital-only issue will come out early in the second quarter of 2013. To ensure you receive it, we encourage you to sign up now by visiting <http://www.munsoninc.com/services/tennistrack> and clicking on the green “Click here” hyperlink below the “Court & Track Newsletters” archive.

Don't wait until next year. Take the initiative today by visiting our web site and signing up for the electronic version of **Court & Track**.

Court & Track
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August, 2011

Resort Converts Tennis Court from Problem to Asset, in 72-Hours



There can be a very fine line between what constitutes an asset and what constitutes a problem. For outdoor resort tennis courts, this line is crossed when the first guest questions if a court is being maintained in good playing condition.

In the Midwest, keeping resort tennis courts in playable condition can be a significant challenge. General upkeep must occur after every tournament or after normal guest demand and without disrupting other guest activities (including dining), and the weather makes for repair and renovation work frequently enters peak demand for the resort's recreational opportunities.

Resort often balance high-end amenities with low-end amenities. The guest experience is a natural and essential part of the resort's success. The resort's approach creates a price-conscious resort for guests, but can ultimately impact resort court service life. These often working on short resort tennis courts, allowing those maintenance expenses and guest events and contributing to pricing and pressure management of the court color system. We have seen resort tennis court color systems and provide a timely cost solution for the growth of resort and related, but complex, for resort court color systems.

And though guests find it easy to escape reality, resort tennis courts are not immune to the growth of resort and related, but complex, for resort court color systems. Resort tennis courts are not immune to the growth of resort and related, but complex, for resort court color systems.

Project Challenges
The outdoor tennis court at the Shilliney Resort in Deer County, Wisconsin had reached the point where resort tennis court to problem. Weathering aging, cracking, and color wear peeling impacted court play and the guest experience, and the resort's approach with the natural amenities and with other outdoor amenities at the resort offered. Also, net post spacing was off, causing trouble for proper net installation and making it difficult to maintain the proper net height at the court center and the net post ends. Bringing the court back into playing condition presented a series of challenges, with court downtime due to needed repairs during the resort's busiest season leading the first.

Solution Options
A number of restoration options were available. Replacing the existing grade and re-surfacing the court was a viable option, but the age of the court and the weather conditions described above caused the resort to consider the value of a court for an extended period every five years for additional repair and re-surfacing. Court removal and reconstruction would solve the problem, but would be costly, dusty, and take the court out of service for 4-6 weeks. Installing a new third tier or a new third tier would be a costly option, but would be expensive and would not provide a good solution for the resort's budget. The resort decided to use a third tier to solve the problem.

Project Solution
The selected solution was an interesting, specific, and the system designed specifically for resort tennis courts, the Shilliney Tennis Surface. The site was made from a special, all-weather, high-impact

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ized asphalt and existing court base material as material in a re-graded, base course for the expanded facility footprint reconstruction. During the grading process, two soft areas were found, which were excavated and re-stoned by City personnel.

Once the stone base met project specifications, Munson, Inc. installed and compacted two asphalt lifts over the base course – a 1.5-inch asphalt binder lift and a 1.5-inch asphalt surface lift. Munson, Inc. installed new fence posts and net posts during the asphalt curing process and then applied an acrylic color coating system per project plans and specifications. Court lines, nets, and fencing fabric were also installed.

City forces performed backfilling and landscaping around the reconstructed facility's perimeter.

Part of a Dynamic Community

The perceived live-ability of a city hinges on many factors, including health, housing, safety, education, and cultural and recreation offerings.

Court & Track

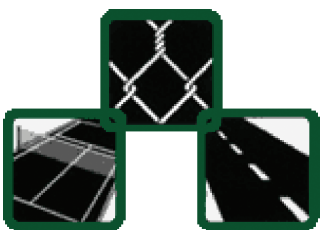
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The 44th Parallel Park re-constructed tennis facility adds oomph, vigor, verve, and vitality to Oshkosh's recreational offerings and will help to retain current businesses and residents while attracting new family units and new business enterprises to the neighborhood and to the City.

Beyond perception, communal tennis provides many real benefits for city residents, especially physical, social, and psychological benefits.

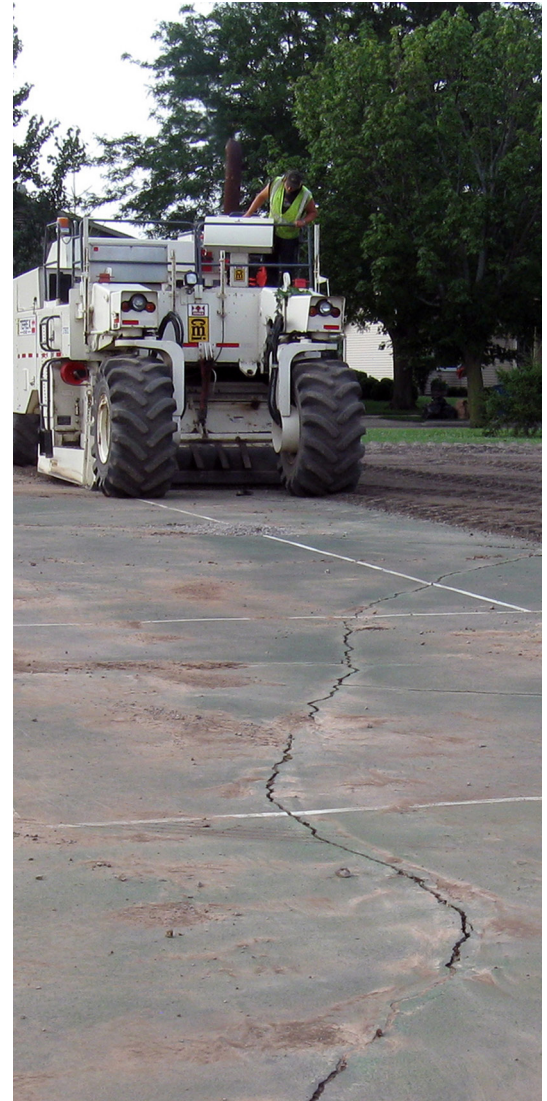
Tennis is a tactical sport and research shows playing tennis encourages the growth of new and connection brain neurons. Studies also show tennis players score higher in optimism and lower in anxiety and tension than other athletes and non-athletes. In a study of a young people, adolescents who played tennis scored higher in extroversion and a will to win and exhibited less anxiety, neuroticism, obsession, apprehension, and depression than non-tennis-playing peers.

The fitness benefits of tennis are well-documented and include strength, flexibility, balance, and agility. As a stop-start, high-intensity-burst sport, tennis contributes to the development of fast-twitch muscle fibers, which burning more calories, both when in use and at rest. The stop-start nature of the game engenders better health by increasing player heart-rate variability (HRV), which has been shown to mitigate asthma, diabetes, and cardiac problems. By exposing players to sunlight, a public health benefit public outdoor tennis supports is reversing vitamin D deficiencies. Vitamin D deficiencies have become a chronic problem for many people in northern areas like Wisconsin. A growing amount of research suggests vitamin D deficiencies are associated with substantially higher rates of stroke and heart disease.

There is intangible value in people meeting face-to-face outside of their place of work, school, or home and forming community connections and networks not otherwise available. Along with other recreational and cultural offerings, public tennis can make significant contributions to a community's social stock. Public tennis courts support bonding and bridging social capital among family members, friends, and other community tennis players. Public tennis courts also tangibly support open-opportunity communities – On a public tennis court, talent triumphs over age, economics, race, religion, or national origin.

The decision to rebuild the 44th Parallel Park courts serves Oshkosh residents well. Munson, Inc. was proud to be part of the project team.

The old court was pulverized and reused in the facility reconstruction. Soft subbase areas were excavated and re-stoned and compacted by the City. →



QA

How often should I clean my asphalt tennis court and what is the proper way to clean it?

The implementation of an ongoing program of routine and preventative maintenance is key to getting the best from your asphalt tennis court. One of the key benefits of a hard court like yours (acrylic court coloring system, applied over an asphalt surface course, installed on top of an engineered stone base) is it needs little daily maintenance. But to get the most value from your asphalt tennis court, and to make sure your court surface is safe and free of debris, some daily maintenance for your asphalt court is required.

Every day – either before play is scheduled to begin or after play is completed – walk and inspect your court. Because dirt and debris can cause premature coloring-system failure (by trapping moisture against your acrylic court color coating), it is important to remove them daily. Start by removing any heavy debris – leaves, pine needles and pinecones, paper and plastic bags, grass clippings, fast-food packaging, sticks, and other organic and inorganic materials. Then clean dust and dirt from your court with one or more of the following tools: Soft-bristle (nylon or hair-type) broom, air blower, foam-sponge roller, wet/dry vacuum, hose, or water broom. Hard-bristle brooms and high-octane pressure washers will damage your court's textured color surface, compromising the player experience by creating overly fast, inconsistent ball bounce. Your goal is to relocate the dust and dirt, not to destroy your court's textured color surface system.

Also, court-maintenance best practices recommend you re-sweep, or blow clean or vacuum your court surface after any heavy rain.

Finally, if your court should become stained, use warm water and a soft brush to gently remove the staining. If the stain remains, contact Munson, Inc. for additional recommendations: **800.236.0340** | rob@munsoninc.com.



Effective routine and preventative maintenance programs include daily tennis court cleaning

Munson, Inc. Wins ASBA Distinguished Residential Tennis Facility Award



Neighbors are happy this ASBA Distinguished Residential Tennis Facility award-winning court in Franksville, Wisconsin includes a well-engineered lighting system, which produces exceptional ball visibility for night play, but with minimal glare and light spillage.

The Tennis & Track Division of Munson, Inc. has won a Distinguished Residential Tennis Facility Award from the American Sports Builders Association for a court it installed for a family in Franksville, WI.

Building the facility required balancing the owners' expectations, priorities, lifestyle, budget, preferences, and desired court playing characteristics with the property's many site challenges, including much-loved trees, surface-water runoff, the existing locations of the home, driveway, and planting areas, and the family's future expansion plans.

The resulting facility empowers the court owners to execute world-class serves, perform dream volleys and kill shots, stage dramatic comebacks, and play memorable matches with friends, family members, and rivals.

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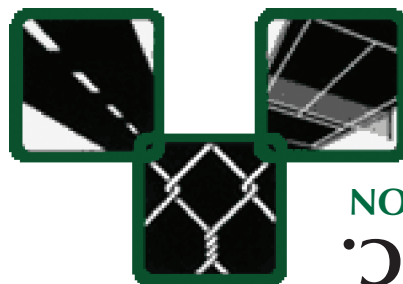
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