Offsite Tour-
Tennis Court Case Study. A Facility In Need Of Repairs

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Site Visit Review

Accessing court conditions

- Cracking
- Peeling
- Blistering
- Low spots
- High wear areas
- Previous repairs
- Delamination
- Net posts and net
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Crack Repair Methods

- Membrane style repairs
- Traditional crack filling methods
- Other methods or ideas?
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Peeling

• Broom Finish?
• Primers?
• Water problems
• Vapor barriers
• Landscaping issues
• Other?
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Blistering

- Leads to peeling
- Sometimes not evident when court is dry
- Remedies?
- Water blasting/sand blasting
- Surface grinding
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Low Spots

• Identifying low spots
• Dirt / water ring
• Flood testing
• Repair methods?
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High wear areas

- Baseline area of tennis courts, under hoop/key area on basketball courts
- In some cases base coats may be required
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Previous repairs

Usually obvious
Effective/ non effective
Does repair need to be redone?
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Delamination

Identifying
Causes
Repairs
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Net and Net Posts

Are net post footings solid?
Are posts rusted through or bent?
Tensioning device safe?
Net condition
Center strap anchor intact?
Poor Workmanship

The Contractor did not have enough man power to properly finish the concrete slab.

There are footprint in the slap
Poor Workmanship

The Contractor over worked the concrete leaving it open which caused cracking
Poor Workmanship

This area shows where water was placed on top of the slab while finishing.

How to deal with all of these issues?
Patched

To repair the issues, the court was diamond ground to remove all loose concrete then patched with Cementitious coatings to fill and level the surface for color coating.
Finished