



# Fleet & Facilities Tennis Court #8 Repair/Replacement Options

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## Situation Statement:

Tennis court #8 needs to be resurfaced, which is a standard maintenance practice that should be completed every 4-7 years. It is important to note that over the past year, this court has experienced issues with its Cal Cap underground irrigation system that is approximately 15+ years old. This system is antiquated and is not recommended for new installations within the industry. The City has experienced several irrigation issues with this system on both courts 7 & 8, which accelerated the clay material's deterioration over time.

Below are the potential options for the surfacing of court #8 that should be taken under consideration for the long-term life of this court.



## Clay Court Options:

### 1. Resurface existing court and keep existing underground irrigation system

#### Cost:

- \$7,700.00 (8/9/2020)

#### Pros:

- Most affordable option
- Quickest option to implement

#### Cons/Risk:

- No guarantee the old irrigation system is working correctly.
  - Irrigation system was worked on in June, but there is no guarantee from the vendor that it is working properly.

### 2. Replace with new underground irrigation - Remove the old Cal Cap subsurface system on your two tennis courts and replace with all new HydroGrid subsurface system, building 1 new court in the same footprint, keeping the same fence and shade shelter.

#### Cost:

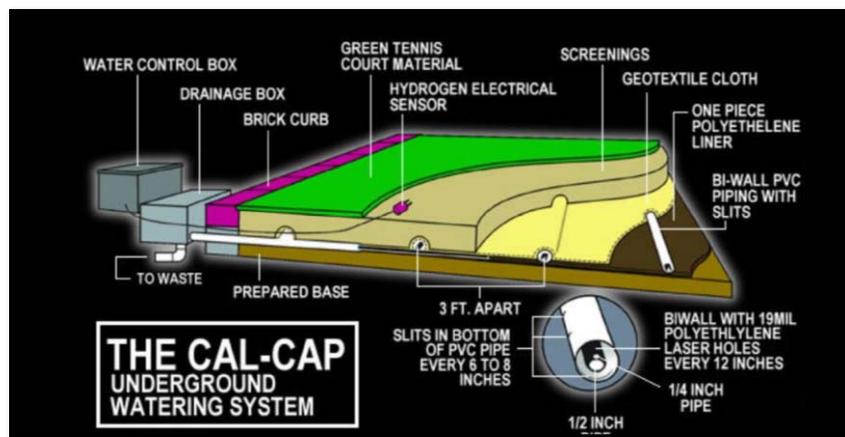
- \$93,000.00

#### Pros:

- New system with extending life and warranty
- Can maintain existing level of service for Tennis (play all day)

#### Cons/Risk:

- Expensive Alternative
  - Cost is comparable to converting it to a hard surface court.



### 3. Replace with above ground irrigation - Mor Sports does not recommend this but they are working on an estimate.

#### Cost:

- Rough Estimate of ~\$33,000.00
  - Mor Sports does not recommend this but they are working on an estimate.

Pros:

- Cheaper to install than a sub irrigated system

Cons/Risk:

- Courts must be closed for irrigation during the day, limiting use.
- Irrigation cost goes up



## Hard Court Options:

### 4. Replace existing court with padded/cushioned hard surface tennis court

#### Cost:

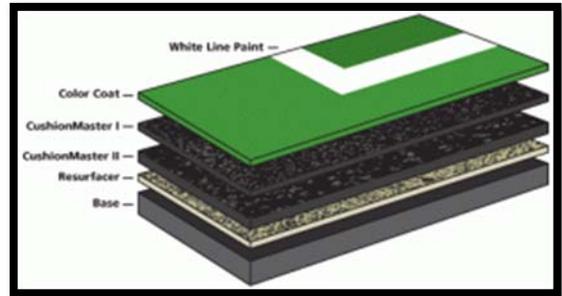
- \$40,700.00 Replacement  
+\$14,300.00 for Cushion Court  
\$55,000.00 Total

#### Pros:

- Minimal Maintenance Required\*
- Can maintain existing level of service for Tennis (play all day)
- Cushioned court provides similar benefits of clay courts.

#### Cons/Risk:

- Expensive Capital Project



### 5. Replace with Pickle Ball Court with asphalt courts instead of clay.

#### Cost:

- \$40,700.00 Replacement  
+\$14,300.00 for Cushion Court  
\$55,000.00 Total

#### Pros:

- Minimal Maintenance Required
- Can maintain existing level of service for Tennis (play all day)

#### Cons/Risk:

- Expensive Capital Project
- Reduction in amount of tennis courts



6. Replace with Mix Use Court with asphalt courts instead of clay.

Cost:

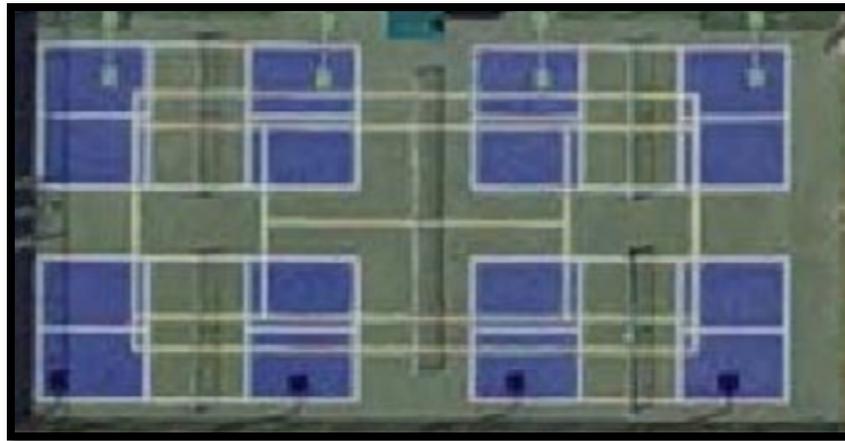
- \$40,700.00 Replacement  
   +\$14,300.00 for Cushion Court  
   \$55,000.00 Total

Pros:

- Provided customers with both Pickleball and Tennis
- Minimal Maintenance Required
- Can maintain existing level of service for Tennis (play all day)

Cons/Risk:

- Expensive Capital Project



Court 8 - Options

Option Number	Description	Cost + Inflation
1	Court Resurfacing	\$ 7,700.00
2	Court Resurfacing with New Subirrigation System	\$ 93,500.00
3	Court Resurfacing with New Above Ground Irrigation System (Including Resurfacing Costs)	\$ 33,000.00
4-A	Replace with Hard Court - Tennis	\$ 40,700.00
4-B	Replace with Hard Cushioned Court - Tennis	\$ 55,000.00
5-A	Replace with Hard Court - Pickleball	\$ 40,700.00
5-B	Replace with Hard Cushioned Court - Pickleball	\$ 55,000.00
6-A	Replace with Hard Court - Mix Use	\$ 40,700.00
6-B	Replace with Hard Cushioned Court - Mix Use	\$ 55,000.00

Court Maintenance Cost:

Description	Annual Cost	Cost per Clay Court
Annual Irrigation Cost	\$ 15,600.00	\$ 2,600.00
Court Maintenance Supplies	\$ 3,250.00	\$ 541.67
Labor	\$ 16,068.00	\$ 2,678.00
Equipment (Cart, Roller, Etc.)	\$ 1,700.00	\$ 283.33
	\$ 36,618.00	\$ 6,103.00

\*Estimated maintenance savings from conversion from clay to hard surface is \$6,103.00