The Environmental Benefits of Synthetic Turf

Saving our Dwindling Fresh Water Supply

- In arid climates it takes approximately 108,000 gallons of fresh water to maintain a 6,000sf lawn for one year (less in more humid climates).
  - *University of Southern Utah, Maggie Shao*
- Approximately 35-70% of our fresh water is used for landscaping annually depending on the area of the country.
  - *Southern Nevada Water Authority, New Mexico State University*
- Perfect Turf™ requires no water to look green and healthy all year long.

No Fertilizers in our Ground or Aquifers

- Perfect Turf™ does not require any fertilizers to maintain its healthy, green appearance. Reducing fertilizers in our ground means fewer fertilizers adversely affecting our water supply.
  - *Friendsofwater.com*

Less Air Pollution

- Small engines from lawnmowers and edgers are a major contributor to air pollution in our country. Perfect Turf™ requires none of this type of maintenance; hence it helps reduce air pollution!
  - *US Environmental Protection Agency*

Promotes Recycling and Use of Renewable Sources

- A single synthetic turf football field contains roughly 45,000 used tires that would otherwise be filling a landfill. In addition, the backing material is partly made from renewable resources such as soybean oils. Synthetic turf can be recycled when it has served its useful life.
  - *Greendecade.org, www.universal-textile.net/news_biocel_march2006.htm*

Notes specific to Hanover Park Road Median Project:

- Some water will be used in the spring to wash off the accumulated salt from the winter.
- Reduction of fertilizer usage and water consumption calculated based on past use.
- Reduction of CO_2 emissions from the elimination of mowing and edging can be estimated.
- A Business Case for investment in synthetic turf road medians and parkways was developed as part of the research and development project in cooperation with Perfect Turf LLC. Contact Perfect Turf for a complimentary copy.

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