



JAN 1 1 2017

# Muscato Stadium Turf Replacement

- Funding category: Open space and recreation
- Statement of need demonstrating public benefit, balance of cost & benefit
- Project goals
- Key steps to achieve goals
- Budget summary
- Estimate of project costs and timeline
- Overhead picture

# Need

- **Turf field overview**

- Turf and track commissioned in 2008
- 2017 is the 8<sup>th</sup> year of use
- Expected life = 10 years
- Turf is showing signs of wear indicative of replacement need in near future
- Wear results in loss of "grass" fiber and in-fill causing hardening of surface and eventual tearing of the carpet

- **Turf usage**

- Estimated usage exceeds 1000 hours annually for organized activities
- OA sports: soccer, field hockey, football, lacrosse, track and rugby
- OA marching band
- Intermediate, middle and high school physical education classes
- Youth sports: Pop Warner football, soccer, lacrosse
- Events like state track meets, band competitions, fund raisers, etc.
- Families, kids, alumni constantly using the facility for play and workouts

- **Why turf?**

- Can be played on safely in rain, snow or shine expanding practice time vs. grass fields, and elimination of game cancellations due to unplayable field conditions
- Some days more than 8 hours of usage with no loss of playing surface quality (doesn't turn to packed dirt and lines remain intact)
- Maintains a consistent softness of surface for safe play and reduction of concussion risk vs. grass field
- Level of play for competitive sports is greatly enhanced, especially field hockey and soccer
- Absorbs practice hours that otherwise would have to be found on grass practice fields which are overused as it is

- **Summary**

- #1 used recreational facility at OA
- Everyone who uses it, loves it
- It is an extremely important recreational asset to the town

# Goal, Plan and Steps

- **Goals**
  - Develop a funding plan to replace the turf before it becomes unplayable
- **Plan**
  - 3 pronged approach to funding
    - Apply for CP funding for engineering and installation costs
    - Explore funding options from school/town (rental fees, athletic revolving, capital)
    - Line-up private funding sources
- **Steps**
  - Develop funding
  - Engineering plan
  - Secure applicable permits
  - Bid process
  - Construction

# Budget

Item	Low	High
Engineering <sup>1</sup>	\$ 18,000	\$ 52,000
Removal and disposal of old turf	\$ 50,000	\$ 65,000
Surface preparation	\$ 20,000	\$ 40,000
Turf and in-fill <sup>2</sup>	\$ 240,000	\$ 540,000
Installation	\$ 90,000	\$ 110,000
Contingency (10-15%) <sup>3</sup>	\$ 41,800	\$ 121,050
<b>Total</b>	<b>\$ 459,800</b>	<b>\$ 928,050</b>

1 Cost varies depending on engineering services used. Engineering options are:  
site evaluation/survey - plan/specs/contract - bid period services - public presentation - construction admin

2 Low assumes \$30K credit for reuse of existing in-fill. High assumes added under carpet pad and geo-fill.

3 Contingency funds for unforeseen costs

# Timeline

- Projection that turf will need to be replaced for fall 2019 season
  - CP funding application for engineering costs (winter 2017)
  - Engineering plan (spring 2017)
  - Explore funding options through school/town (spring 2017)
  - Develop public presentation (summer 2017)
  - Private fundraising drive begins (fall 2017)
  - Funding, contractor and materials in place for installation (summer 2019)

# Muscato Stadium Turf Field

(Darker areas are indicative of heaviest wear)

