

## Facility Alternatives (continued)

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### **Alternative D: Expand Field – 8 Lane Track**

The exhibit on the following page provides the proposed layout for Alternative D. This alternative requires the following site reconstruction/alterations:

- Reconstruct the tennis court area – expansion is required to meet the minimum clearance of 12' between courts per the United States Tennis Association (USTA). The existing facility currently provides 9' between courts.
- Construct a 6 lane 400m double bend track with 8 sprint lanes, which is compliant to the high school athletic association (NFHS). In order to gain compliance of the collegiate athletic association (NCAA), a steeplechase pit and javelin runway is needed.
- Construct the shot put outside the track at the southeast corner.
- Construct high jump and pole vault runway in the north "D zone" of the track.
- Construct the long/triple jump runways in the south "D zone" of the track.
- Reconstruct an expanded athletic field with synthetic turf.
- With the shift of the football field to the center of the athletic field area, we recommend that a new 500 square foot press box be constructed to line up with the proposed center of field.

This exhibit also includes a list of the possible playing fields provided in the proposed athletic field space as well as the compliance of each field to the regulating athletic association. This proposed alternative provides high school and collegiate regulation football, soccer, field hockey, and men's and women's lacrosse fields. Also, a regulation Rugby field (230'x390') would fit within the proposed athletic field.

With the proposed site modifications listed above, some of the existing field lighting will need to be relocated or replaced with more efficient equipment. The existing storm drainage system will also need to be modified as part of this project. The installation of the synthetic turf will require the existing storm sewer inlets along the field to be removed. The synthetic turf product will require the installation of an underdrain system below the field which will connect to the existing storm sewer at the south end of the field.

The proposed layout requires the relocation or replacement of both existing bleacher systems. The City has planned for maintenance and ADA upgrades to the existing bleacher system in 2010. The existing bleachers were constructed in 1967 and are considered well beyond their life expectancy. Retrofitting cannot bring the bleachers to ADA compliance since the current bleachers do not conform to new code standards for safety and accessibility. It is recommended that both bleacher systems be replaced with ADA compliant systems in the proposed locations as part of this selected alternative.

# Hart Park Athletic Fields

## ALTERNATIVE D

RELOCATE BOTH BLEACHERS TO  
INCREASE THE ATHLETIC FIELD WIDTH  
AND CONSTRUCT 8 LANE TRACK.

<u>DESCRIPTION</u>	<u>QUANTITY AND DIMENSION</u>	<u>COMPLIANCE</u>
RECONSTRUCT TENNIS COURTS 20 FT NORTH AND 10 FT WEST	8 - 36 FT x 78 FT	Y (USTA)****
RECONSTRUCT TRACK	8 LANES AROUND - 8 SPRINT LANES	Y (NFHS)**
RECONSTRUCT FIELD WITH SYNTHETIC TURF		
<u>FIELDS PROVIDED:</u>		
FOOTBALL (WHITE)	(1) 160 FT x 360 FT	Y (NFHS, NCAA)
SOCCER (YELLOW)	(1) 210 FT x 360 FT	Y (NFHS, NCAA)
LACROSSE - MEN (NS)*	(1) 180 FT x 330 FT	Y (NFHS, NCAA)
LACROSSE - WOMEN (NS)	(1) 195 FT x 360 FT	Y (NFHS, NCAA)
FIELD HOCKEY (NS)	(1) 180 FT x 300 FT	Y (NFHS)
RUGBY (BLUE)	(1) 230 FT x 390 FT	Y (USA RUGBY)

RELOCATE EAST BLEACHERS  
50FT NORTH AND 15 FT WEST

RELOCATE WEST BLEACHERS  
30FT NORTH AND 10FT WEST

UTILITIES - LIGHTING  
UPGRADES AND STORM  
SEWER ADJUSTMENTS

\* NS = NOT SHOWN  
\*\* NFHS = NATIONAL FEDERATION OF STATE HIGH SCHOOL ASSOCIATIONS  
\*\*\* NCAA = NATIONAL COLLEGIATE ATHLETIC ASSOCIATION  
\*\*\*\* USTA = UNITED STATES TENNIS ASSOCIATION