

Anna Jean Cummings Park Soccer Fields Renovation Project County of Santa Cruz

January 27, 2010



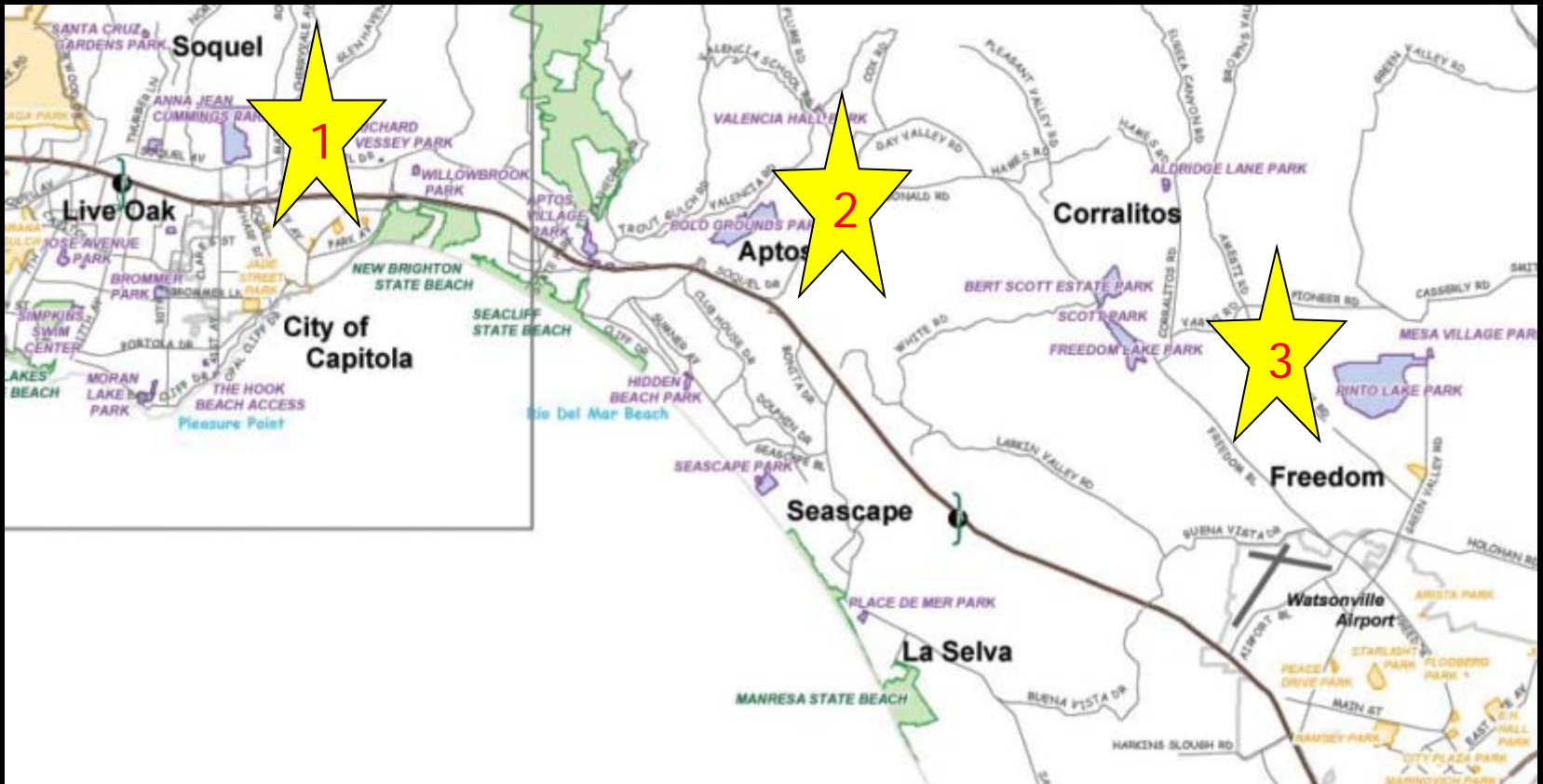
Agenda

- Introductions
- Anna Jean Cummings Park
- Natural versus Synthetic Turf
- New Look for Anna Jean Cummings Park Upper Bench
- Our Questions to Audience
- Audience Questions
- Next Steps



Anna Jean Cummings Park

- Why are the fields important to your community?



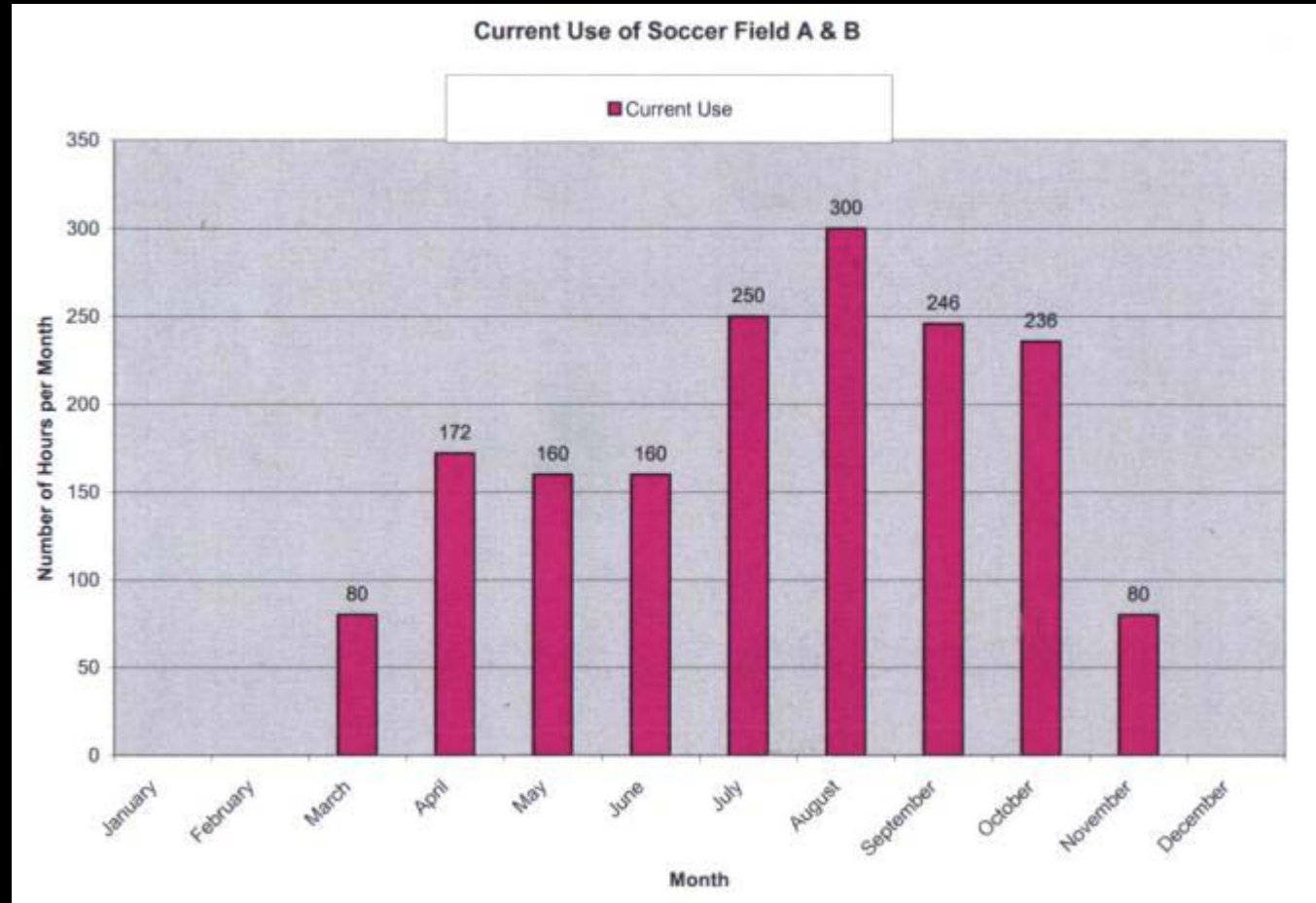
Anna Jean Cummings Park

- Why are the fields important to your community?



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Anna Jean Cummings Park

- Why do we need a major renovation to the fields?



Anna Jean Cummings Park

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 - Poor Playability



Anna Jean Cummings Park

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 - Poor Spectator Experience and Accessibility



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- Project Goals and Objectives



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- Project Goals and Objectives
 - Improve Playability and Provide a More Consistent Surface



Anna Jean Cummings Park

- Why do we need a major renovation to the fields?
 - Poor Playability
 - Poor Spectator Experience and Accessibility
 - Management of Field Usage
- Project Goals and Objectives
 - Improve Playability and Provide a More Consistent Surface
 - Enhance the Visitor Experience and Accessibility



Anna Jean Cummings Park

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 - Management of Field Usage
- Project Goals and Objectives
 - Improve Playability and Provide a More Consistent Surface
 - Enhance the Visitor Experience and Accessibility
 - Better Management of Field Usage



Natural Grass vs Synthetic Turf

- Natural Turf Pro's
 - Lower capital costs
 - Familiar material
 - Natural surface
- Natural Turf Con's
 - Unable to maintain quality surface throughout season
 - Not sustainable
 - Higher maintenance costs
 - Fields need to be shut down in winter



Natural Grass vs Synthetic Turf

- Synthetic Turf Pro's
 - Consistent quality throughout entire season
 - Saves water and generates water credits
 - Lower maintenance
- Synthetic Turf Con's
 - Higher capital costs
 - Higher replacement costs
 - Needs to be recycled or disposed of at end of use



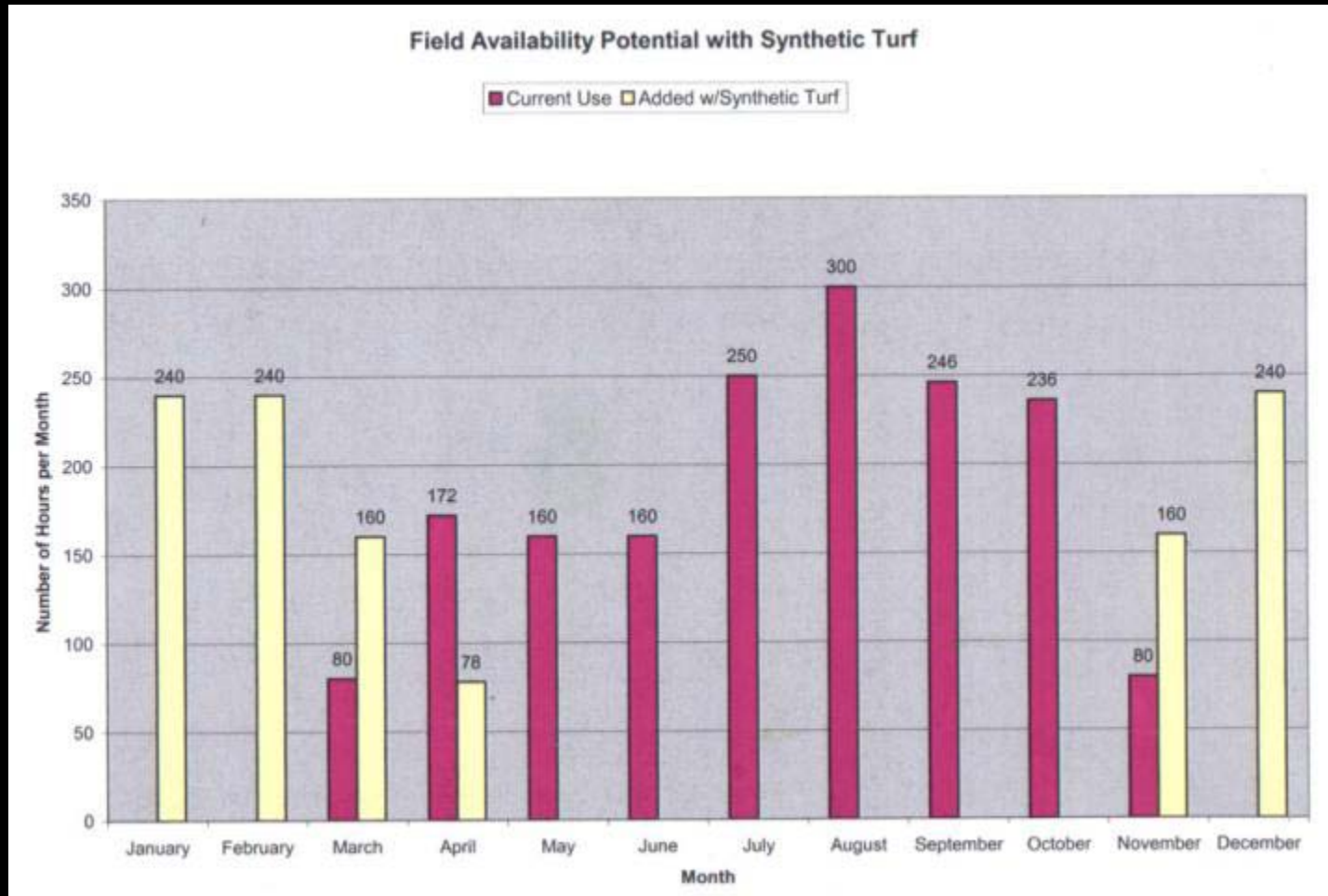
Natural Grass vs Synthetic Turf



Based on proposed synthetic turf area of 151,000 SF		Natural Grass Turf	Infill Synthetic Turf
Construction			
Unit price for Turf Costs		\$ 3.50	\$ 4.73
Unit price for synthetic turf rock base			\$ 2.70
Initial Installation Cost		\$ 924,875	\$ 1,962,056
15% Contingency on Construction (8.5% PM & Bonds, 7.5% Construction)		\$ 69,366	\$ 147,154
	Total Cost of Construction	\$994,241	\$2,109,210
Annual Maintenance			
Water Use Costs		\$ 25,101	\$ 1,000
Labor & Material Costs		\$ 61,254	\$ 15,000
Field Grooming 1 acre / hour (6 x per year)		\$ -	\$ 5,000
	Estimated Annual Maintenance Cost	\$ 86,355	\$ 24,100
Life Cycle Cost Comparison		Natural Grass Turf	Infill Synthetic Turf
Year 1 Construction		\$ 994,241	\$ 2,109,210
Maintenance		\$ 86,355	\$ 24,100
Year 2 previous year plus 4%		\$ 89,809	\$ 25,064
Year 3 previous year plus 4%		\$ 93,402	\$ 26,067
Year 4 previous year plus 4%		\$ 97,138	\$ 27,109
Year 5 previous year plus 4%		\$ 101,023	\$ 28,194
Year 6 previous year plus 4%		\$ 105,064	\$ 29,321
Year 7 previous year plus 4%		\$ 109,267	\$ 30,494
Year 8 previous year plus 4%		\$ 113,637	\$ 31,714
Year 9 previous year plus 4%		\$ 118,183	\$ 32,983
Year 10 previous year plus 4%		\$ 122,910	\$ 34,302
	10 Year Life Cycle Cost	\$ 2,031,029	\$ 2,398,558
Estimated Days of Use Per Year (365 less maintenance, less rain)		230	345
Hours/day OK for sustained naturf turf w/ regular use (assumed avg. # daylight hrs for play on syn. Turf)*		7.0	8.2
Annual hours available		1,610	2,885
Cost per hour of play		\$126	\$85

Natural Grass vs Synthetic Turf

- Ability to meet additional demands



Natural Grass vs Synthetic Turf

- As a department we strive to provide a safe playable surface to all of our users.
- Synthetic turf enables our department to meet that mission and the goals and objectives of this project through:
 - Providing a Stable and Consistent Playing Surface
 - Maintenance and Operational Costs are more in line with budget
 - We are able to meet all the demand for the fields



Synthetic Turf FAQ

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- Do you need to disinfect the fields?
- Are synthetic turf fields recyclable?
- Do synthetic turf fields have an odor?

New Look for AJC Upper Bench!

- Field Renovation
- New Landscape
- New Fence
- New Pathways
- New Viewing Area
- Accessibility Improvements



Our Questions to the Audience

- Why do you think the fields at AJC Park are important?
- Do you agree that the project goals are reasonable?
- Do you have any goals to add?
- What other ways would you improve the fields?

Questions From the Audience

- What questions do you have for us?

Next Steps - Project Schedule

- Design Phase
 - Community Meeting January 27, 2010
 - Community Meeting March 2, 2010
 - Parks & Recreation Commission – #1 March 8, 2010
 - Parks & Recreation Commission – #2 April 12, 2010
 - Board of Supervisors Meeting April 20, 2010