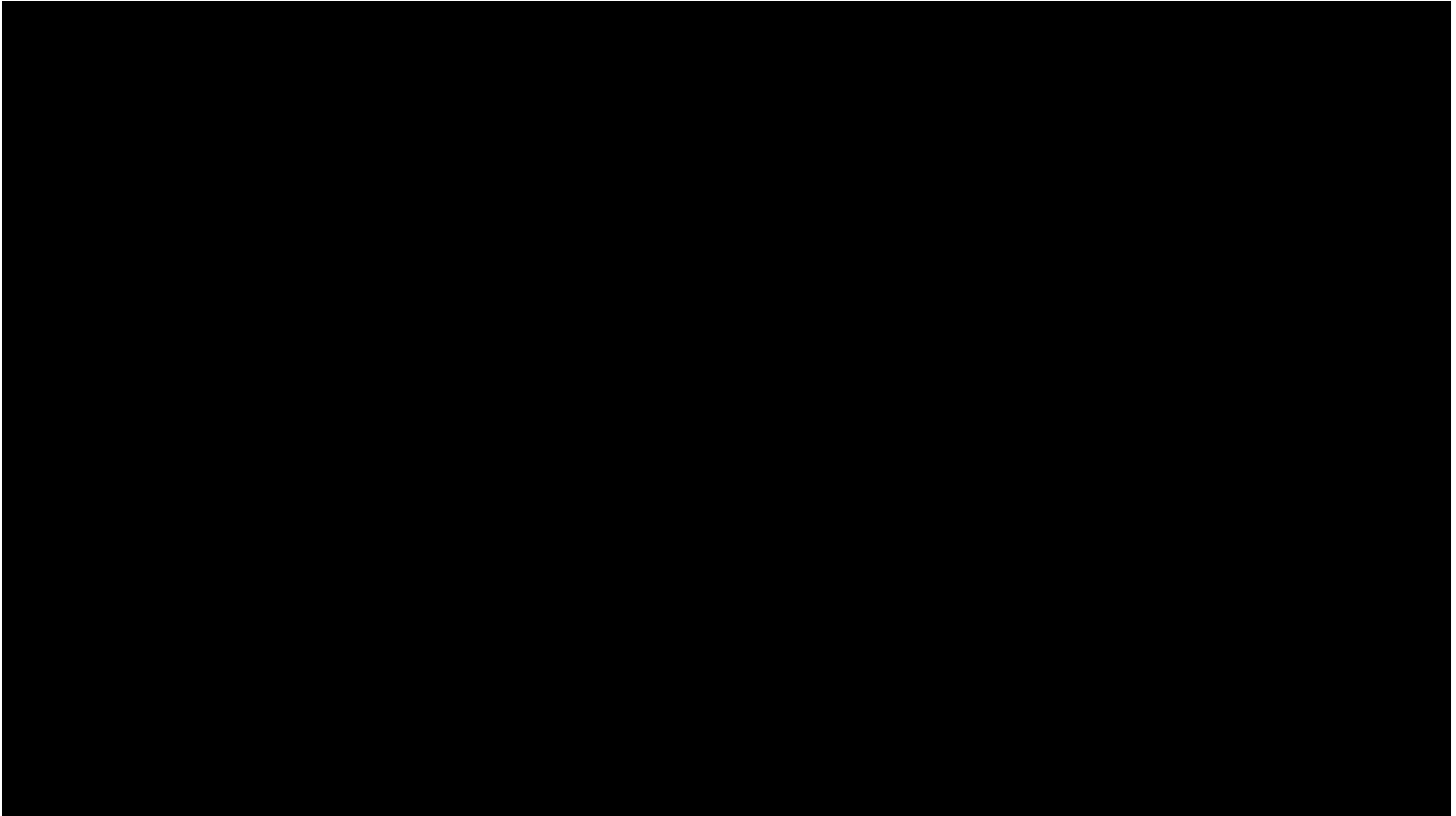
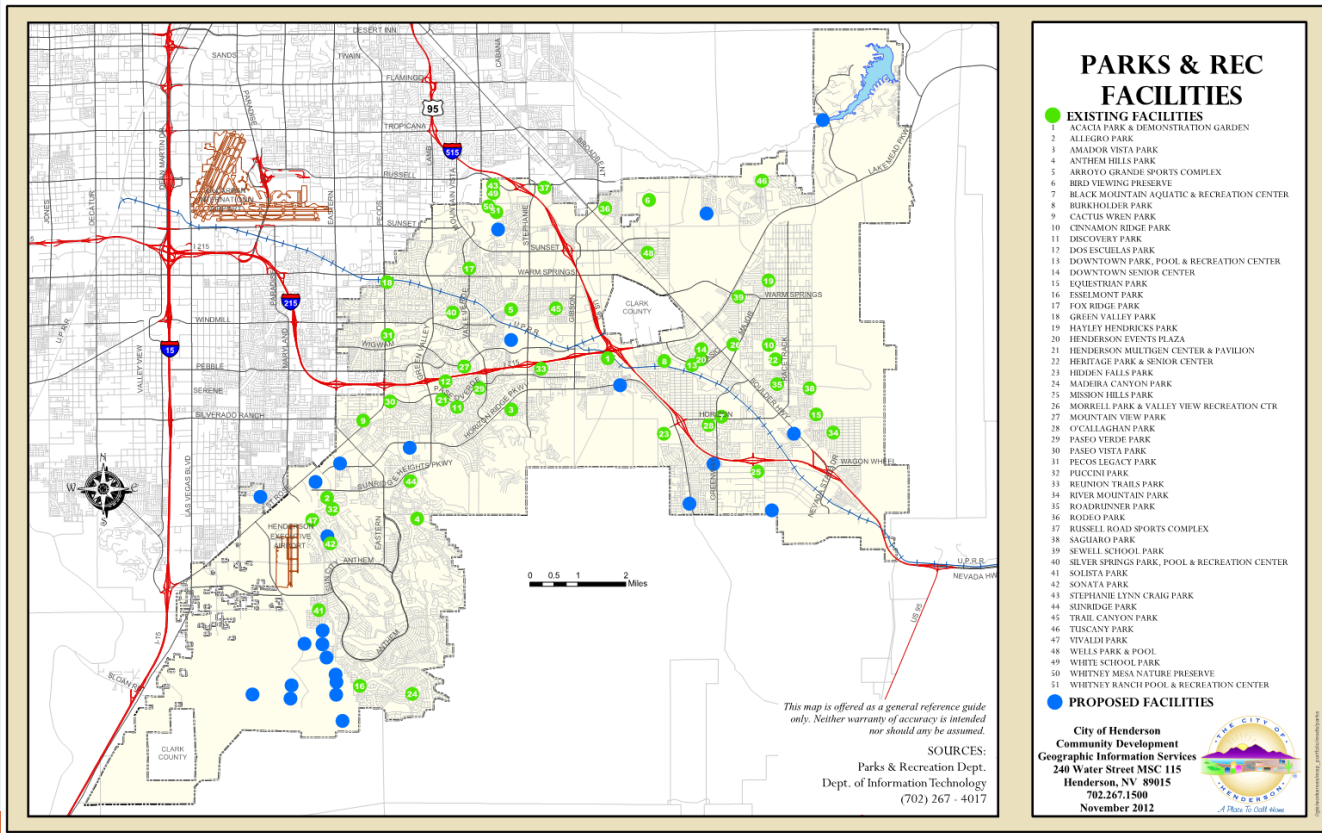


CITY BUILDINGS & STREET LIGHTING EPC





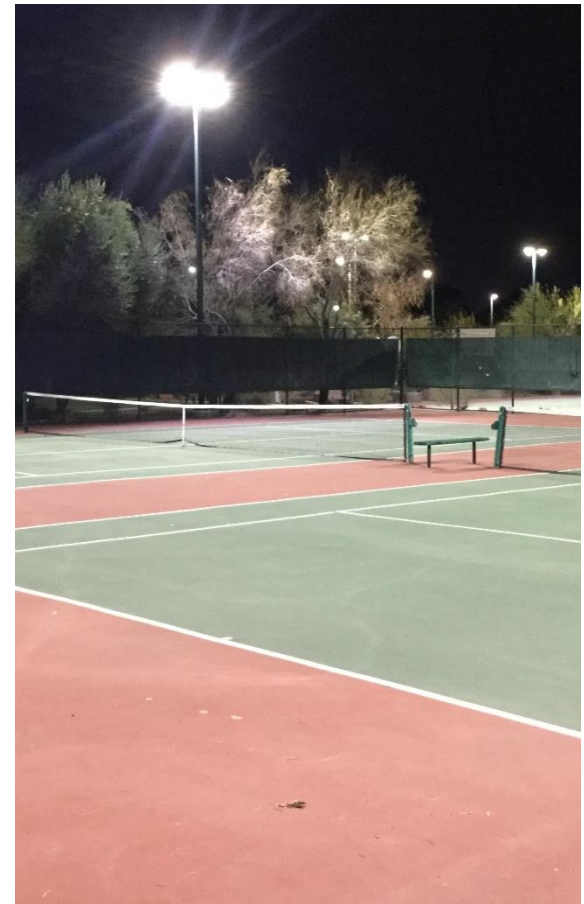
Energy Performance Contracting Outdoor Lighting & Chillers Project Summary

City of Henderson, Nevada



PROJECT SCOPE

- 104 sites – mainly parks and trails
- Upgraded over 5,000 exterior fixtures to LED
- Parking lots, sport courts, trails, and building exteriors
- 3 new magnetic bearing chillers at City Hall complex (990 tons)
- 2 new magnetic bearing chillers at Justice Center (580 tons)



PROJECT BENEFITS

- Very good return on investment
- Improved light quality in parks
- Reduced neighborhood glare
- Eliminated “warm-up” time for court lights
- Standardization of fixture types
- Significant time savings for maintenance staff
- New chillers are much quieter
- New chillers provide much needed redundancy & reliability



PROJECT FINANCIAL SUMMARY

Metric	Amount
Total Project Cost	\$5.1M
Estimated Incentives	\$330k
Avoided Capital Costs	\$1.9M
Annual Savings	\$392k
25-Year NPV	\$6.5M
25-Year Internal Rate of Return	9.2%
Annual CO2 Reduction (Metric Tons)	2,967
Equivalent Reduction in Cars	570



WHY HENDERSON LIKES EPC

- Guaranteed outcomes (cost & savings)
- Single point of accountability across all project phases
- Flexibility in design & equipment selection
- Shorter project timeframes
- Maintenance staff involvement
- Ease of procurement
- Rebates and incentives!

