

USERY MOUNTAIN SHOOTING RANGE
FIVE-YEAR MATER DEVELOPMENT PLAN

PART 1 - Background

The Rio Salado Sportsman's Club, Inc. (RSSC) is a 501c4 entity that currently operates the Usery Mountain Shooting Range, and has done so since 1978. Previously, between 1958 and 1978, the range was operated by the Mesa Gun Club. The range occupies approximately 140 acres of land belonging to the Arizona Game and Fish Department, located north of the Cell Tower Road and west of and adjacent to adjacent Usery Pass Road. As of January 1, 2021, RSSC has approximately 9,000 individual and family members. RSSC hosted over 100,000 shooter days for the general public over the last 12 months. This Five Year Development Plan is required by the terms of the License Agreement between the Arizona Game and Fish Commission and the Rio Salado Sportsman's Club Inc. The purpose of the Plan is to provide an overall view of enhancing the range's facilities and operations to provide a safer, more enjoyable and varied shooting experience for members and the general public. The Plan will consist of 1, 3, and 5 year goals that are subject to change as circumstances and needs change. The Plan is a living document that will be evaluated and updated annually.

PART II - Existing Facilities

Currently, the Usery Mountain Shooting Range has the following facilities as shown on Appendix A:

1. A main (public) shooting range with 48 tables and firing lanes, with target stands at 25, 50, and 100 yards. This range is covered and has a concrete pad, concrete block shooting benches, and target frames available. Additionally, there are eight (8) target stands at 200 yards and steel target gongs at 300 yards. This range is supervised by Certified Range Officers who provide shooter education in safe gun handling in addition to ensuring all safety rules are followed. Handicap parking is available and the range is handicap accessible. The public range office was enlarged in 2011 and equipment was installed to provide a safety video for all new shooters to view.
2. A forty-position Small Bore Range (110 yards in depth) with cover, concrete pad, retaining wall with guardrail, stairs, and handicap access is situated at the east side of the range area. This range was improved in 2002-04 and now provides a facility for use by seven different shooting disciplines. Additional lighting has been installed and improved to more effectively enhance visibility of targets during night shooting events including Monday Night Bullseye, .22 Tactical, BlackPowder, and the Jr. Rifle Program.
3. A fifteen-position High Power Rifle Range with target pits at 200 and 500 yards. The 200 yard Pit was constructed in 2010 to address safety requirements.
4. A high Power Rifle Silhouette Range with target positions at 200, 300, and 500 meters. Note: The majority of the East valley Police Departments use this range to provide SWAT Team tactical training. More than 20 area Police Departments and Law Enforcement groups use the facilities at the Usery Mountain Shooting Range for their training programs.
5. The High Power range also has 10 concrete tables for bench rest shooting and a Match Director tower with a PA system. This range is used for a variety of shooting events and is our most used and versatile facility.
6. There are four Pistol Bays that are used for Practical Pistol, Cowboy Action, and Cowboy Fast Draw shooting matches. A building combining a classroom, maintenance bay, and statistical office supports these activities. Additional Pistol Bays were constructed on the High Power

range for special events such as the USPSA Desert Classic and the Superstition 3-Gun tournament. These bays were created during the construction of the 200 yard pits to expand the versatility of the High Power range facilities.

7. An Activity Center is located across from the west end of the Small Bore Range. A main room is used for meetings and a variety of small events.
8. The Range Safety Officers office and restrooms are located at the Main Public Range.
9. A gunsmith shop, restrooms, a Junior Program Classroom, and a large maintenance support facility are located in the area near the Activity Center.
10. Two Training Bays are located adjacent to the shotgun range. These are 25 yard pistol training bays which are reserved for law enforcement and Commercial class instruction as well as member overflow use if the main range is busy.
11. The Shotgun Range consists of a 12 station Sporting Clays course, a lighted combination Trap, Wobble Trap, ZZ bird and 5-Stand field and to the east, a Trap Field with two Introductory Stations overlaid. The Shotgun Range sees extensive use as it is the only shotgun sports facility in the East Valley. Over two million targets are thrown there a year. RSSC hosts two Scholastic Clay Target Program teams.
12. A training center classroom is located to the Southeast of the Main public Range. This facility was built in 2012.
13. The most recent facility to be constructed is an 11,000 square foot multi-use Outdoor Education and Airgun building. This facility contains a 24 lane 10 meter Airgun range with electronic target carriers for air rifle and air pistol competitions, restrooms, an integrated audio visual system, and tables and chairs capable of seating up to 299 people. In addition to Airgun competition, it will be used as a vendor display area during large competitions and for a variety of club events. This building is air conditioned to allow year round use.
14. A Field Airgun course was constructed downhill (East) of the new Outdoor Education building.

PART III - Description of the Master Plan

The Master Development Plan provides for the infrastructure to support present activities, as well as expanded or new infrastructure to cover planned future facilities. This plan is divided into three parts:

1. Safety Enhancements. 2. Infrastructure Improvements designed to maintain current facilities and equipment, and to enhance member/shooter satisfaction and comfort, and 3. New Range Facilities. Recent and future improvements are listed in the corresponding categories.

PART IV - Master Plan

A. Safety:

1. Safety is of utmost importance at the Usery Mountain Shooting Range. Game and Fish personnel conducted a Safety Inspection of the facility on March 13, 2007 and provided a list of safety improvements. Essentially, the four Practical Pistol Bays have had their impact berms raised to 20+ feet per NRA and Arizona Game and Fish Department requirements.
2. The berms at the Small Bore Range have been improved. Specifically, the Small Bore Range has dirt safety berms on the north (down range), west and east sides. These berms now met the NRA requirements. This was accomplished in 2008.
3. Additional lighting has been installed in 2014 and 2020 to Pistol Bays 1-4 to improve safety and visibility during night time events.
4. Lights were also installed on the High Power range in 2013. This was originally done to accommodate a planned expansion of the Junior Rifle program. That expansion has not been necessary. The primary beneficiary of the new lighting has been various Law Enforcement

- agencies who use the facility after hours.
5. The Club has installed and improved communications systems between the Range Manager's office and all ranges for use in emergency and daily operations. Surveillance cameras have been installed at both entry/exit gates and at all key locations on the range to improve safety and oversight.
 6. Lights have been installed in 2020 at the Training Center Building and at the Outdoor Education/Airgun Building that light up the parking lot and entry/exit areas.
 7. Parking lot lights located south of Pistol Bays 1-4 are currently being installed to replace/upgrade existing outdated/insufficient lights. The new lights will light both north and south traffic areas for added safety and visibility.

B. Infrastructure

1. The Main Range has been improved over the 2011-2016 period. There is now a new, larger Range check in the office with the video room to display a safety video for newcomers to the range. This larger facility improves the working conditions for our staff and allows them more storage area for the necessary items they need to run their operation safely and efficiently.
2. Benches, stools, stands, tables, and all other range equipment are maintained as needed to ensure safe and efficient operation throughout the entire facility.
3. The area around the Activity Center has been graded to increase the parking spaces. Signs, ramps, and concrete parking dividers have been installed to clearly improve handicap accommodations.
4. Parking areas at the Main Public Range, Pistol Range, and High Power Range have been reconfigured and concrete parking bumpers have been installed to improve traffic flow and increase parking space.
5. All roadways and parking areas are maintained continuously.
6. A new parking lot was constructed in 2020 located south of the existing parking lot at the Shotgun Facility and north of the North Gate access road. The previously existing parking lot was also improved. Approximately 60 additional vehicle parking spaces with curbs were added and signs directing the proper directional flow of traffic were installed. A separate golf cart/ATV parking lot was constructed east of and adjacent to the new vehicle parking lot that accommodates secure parking for 36 golf cart/ATVs owned by Club members for use on the Shotgun Sporting Clays Course.

C. PROPOSED NEW RANGE FACILITIES and INFRASTRUCTURE IMPROVEMENTS

The following are considered to be in the One Year Plan Phase:

1. Renovating/upgrading lighting at Shotgun parking area
2. Installing additional parking lot lights at the Main Range and Higher Power Range parking areas.
3. Creating additional parking areas that will benefit the Training Center and Outdoor Education and Training Center/Airgun Building..

The following projects are currently on hold and considered to be in the One to Three Year Plan Phase:

1. Improvements to the High Power Range firing line. This would include extension of the concrete pad approximately 75 feet from the existing pad to the west end of the covered shooting area. Removal of the 3 foot high chain link fence south of the firing line and construction of a low retaining wall to the rear of the firing line to remedy erosion problems. Installation of parking bumpers to protect the retaining wall and standardize parking. Improving

- the Handicap Accessible parking to comply with ADA standards.
2. Improvement to the Small Bore Range including cement added adjacent to the existing cement at the firing line at the east side of the range and extending south to the block retention wall already in place. Improving the Handicap Accessible parking to comply with ADA standards.
 3. Installation of shade structures in the equipment storage area behind Pistol Bay #4 to protect range equipment.
 4. Installation of shade structures at the downrange bays on the High Power Range.

The following are considered to be in the One to Five Year Plan Phase, and beyond, due to the complexity and scope of work required:

1. Installation of an AT&T cell phone tower and supporting structures on Arizona Game and Fish/RSSC property to be located near the west boundary of the property. There will be a very large increase in demand for electrical power and consequently, AT&T will provide a very large increase in power supply that will meet their needs and the current and future needs of the entire RSSC range. Existing electrical infrastructure will be updated in a systematic manner at little or no cost to RSSC, but will likely present some inconvenience.
2. The club membership is growing faster than ever and demands on the club to provide additional and better use of existing facilities to accommodate the popularity of shooting sports. This unprecedented growth is a good thing but requires that RSSC look at developing a long term plan by working in conjunction with professionals like the NRA Range Development team, NSSF consultants, and other range development sources.

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