

**ARIZONA GAME AND FISH DEPARTMENT
HABITAT PARTNERSHIP COMMITTEE
HABITAT ENHANCEMENT AND WILDLIFE MANAGEMENT PROPOSAL**

Game Branch / HPC Project Number: 15-207

PROJECT INFORMATION

Project Title: House Rock Wildlife Area North Boundary Fence Upgrade ADDENDUM

Region and Game Management Unit: Region II; GMU 12A-East

Local Habitat Partnership Committee (LHPC):

- Arizona Strip Habitat Working Group

Was the project presented to the LHPC?

YES[X] **NO**[]

Has this project been submitted in previous years? YES[X] NO[]

If Yes, was it funded? YES[X] NO[] → **Funded HPC Project #(s):** 14-235

Project Type: Perimeter fence upgrade

Brief Project Summary:

This is an addendum to the original North Boundary Fence project at House Rock Wildlife Area (HRWA). Approximately, 2.7 miles of the original 7.4 miles of the northwest boundary fence are complete. A decision has been made to upgrade to 7”T posts (from 6.5”) and not use the existing wood posts in the remaining portion of the north boundary fence to make the fence stronger, so additional T posts are needed.

Big Game Wildlife Species to Benefit: Bison

Implementation Schedule (Month/Day/Year):

Project Start Date: April 2016

Project End Date: October 2016

Environmental Compliance:

NEPA Completed: Yes[X] No[] N/A[]

Projected Completion Date: March 2015

State Historic Preservation Office - Arch Clearance:

Yes[] No[] N/A[X]

Projected Completion Date: _____

Arizona Game and Fish Department EA Checklist:

Yes[X] No[] N/A[]

Habitat Branch Log # M15-0608033224

PROJECT FUNDING

Special Big Game License Tag Funds Requested:

\$ 10,570

Cost Share or Matching Funds:

\$

Total Project Costs:

\$ 10,570

PARTICIPANT INFORMATION

Applicant (please print):

Carl Lutch

Address:

3500 S. Lake Mary Rd
Flagstaff, AZ 86001

E-mail:

clutch@azgfd.gov

Telephone: 928-214-1242

Date: March 4, 2015

AGFD Contact and Phone No. (If applicant is not AGFD personnel):

Project has been coordinated with:

Connie Reid-North Kaibab Heritage Resource Program Manager-Kaibab National Forest

Whit Bunting-Bureau of Land Management
Ed Grumbine-Grand Canyon Trust & Kane Ranch

NEED STATEMENT – PROBLEM ANALYSIS:

HRWA is a historical home to one of two state bison herds and was officially established in 1950 with a Memorandum of Understanding (MOU) between the Kaibab National Forest (KNF), Bureau of Land Management (BLM) and affected ranchers. Most interior pasture fences at HRWA have been removed. The north boundary fence maintenance is the responsibility of the Arizona Game and Fish Dept. per the MOU creating HRWA. Having the ability to hold any translocated or returned bison to HRWA in reestablishing a home range would be greatly enhanced by having an upgraded north boundary fence. This fence is also the boundary line between the KNF and BLM. This north boundary fence is approximately 100 years old and has received little maintenance over time.

PROJECT OBJECTIVES:

Complete the remaining 4.73 miles of perimeter fence with 7' T posts (instead of the original quote of 6.5') and not use the existing wooden posts in the fence that may be up to 100 years old. By not using the existing posts, which the original quote also called for, additional 7' T posts are needed. As stated in the original HPC application, this upgraded fence will keep AGFD in compliance with the existing Kaibab NF allotment agreement to maintain the north HRWA fence and aid in confining future bison to HRWA and not venture north onto the Kane Ranch on BLM administered land, where bison are not allowed per the MOU. Upgrades will be to bison fence standards tested and found viable at containing bison on Raymond Wildlife Area.

PROJECT DESCRIPTION AND STRATEGIES:

This is an addendum to Purchase Order No. AGFD16-103118. The purpose of this quote is to provide the additional cost to increase the original number of fence posts from 840 6 ½ foot T-posts to 1,230 7 foot T-posts, and to include the increased labor to install them.

The remaining labor and material costs are already captured in HPC Project #14-235. As a recap of that proposal: complete heavy maintenance on existing north boundary fence. Maintenance will start at the cattle-guard on the 8910 Road and extend east for 4.73 miles to a point atop the east side of a large drainage. The existing fence is 4-wire: the top and bottom wires are barbless; the two middle wires are barbed. The bottom and middle two wires will be taken down, reused and re-stretched; the top barbless wire will be reused as the top 5th wire; and a new 4th barbed wire will be installed. Finished wire spacing will be 18"-26"-34"-42"-50".

There are no H-braces in the existing fence. There are three (3) 12 foot metal gates and one (1) 12 foot Texas gate. All gate locations require installation of two H-braces for proper support, and H-braces will be installed at each ¼ mile segment for a minimum total of 26 H-braces required for this segment of fence.

In addition, 2 7/8" x 7' heavy-walled pipes will be installed by drilling into rock at a minimum of five (5) rocky high point locations along the Area I fence line.

Four (4) 5 foot wooden stays will be installed between each line post along the entire fence line and will be tied to extend approximately 1 foot above the top wire.

There are two (2) strands of high-tensile electric fence wire attached to the existing fence. These wires will be removed, rolled up and hauled off-site.

The existing three (3) metal gates will be re-used; a new Texas gate will be constructed/installed where the existing Texas gate is located.

PROJECT LOCATION:

House Rock Wildlife Area, eastside of the North Kaibab National Forest

LAND OWNERSHIP AT THE PROJECT SITE(S):

(if the project area is private property, please state specifically and provide the landowner's name)

The remaining portion of the fence extending east from the HRWA cattle guard entrance is on BLM.

IF PRIVATE PROPERTY, IS THERE A COOPERATIVE BIG GAME STEWARDSHIP or LANDOWNER AGREEMENT BETWEEN THE LANDOWNER AND THE DEPARTMENT?
YES[] NO[] N/A[X]

HABITAT DESCRIPTION:

Great Basin grassland habitat

LIST COOPERATORS AND DESCRIBE POTENTIAL PARTICIPATION:

Kaibab National Forest and Bureau of Land Management- archeological compliance

ITEMIZED USE OF FUNDS:

Special Big Game License Tag Funds

Materials cost increase	\$ 3,570.00
Labor cost increase	<u>\$ 7,000.00</u>
Addendum Total	\$10,570.00

WOULD IMPLEMENTATION OF THIS PROJECT ASSIST IN PROVIDING, MAINTAINING, OR FACILITATING RECREATIONAL ACCESS?

YES[] NO[X] N/A[]

PROJECT MONITORING PLAN:

No specific monitoring plan, but the fence would be monitored and repaired as needed.

PROJECT MAINTENANCE:

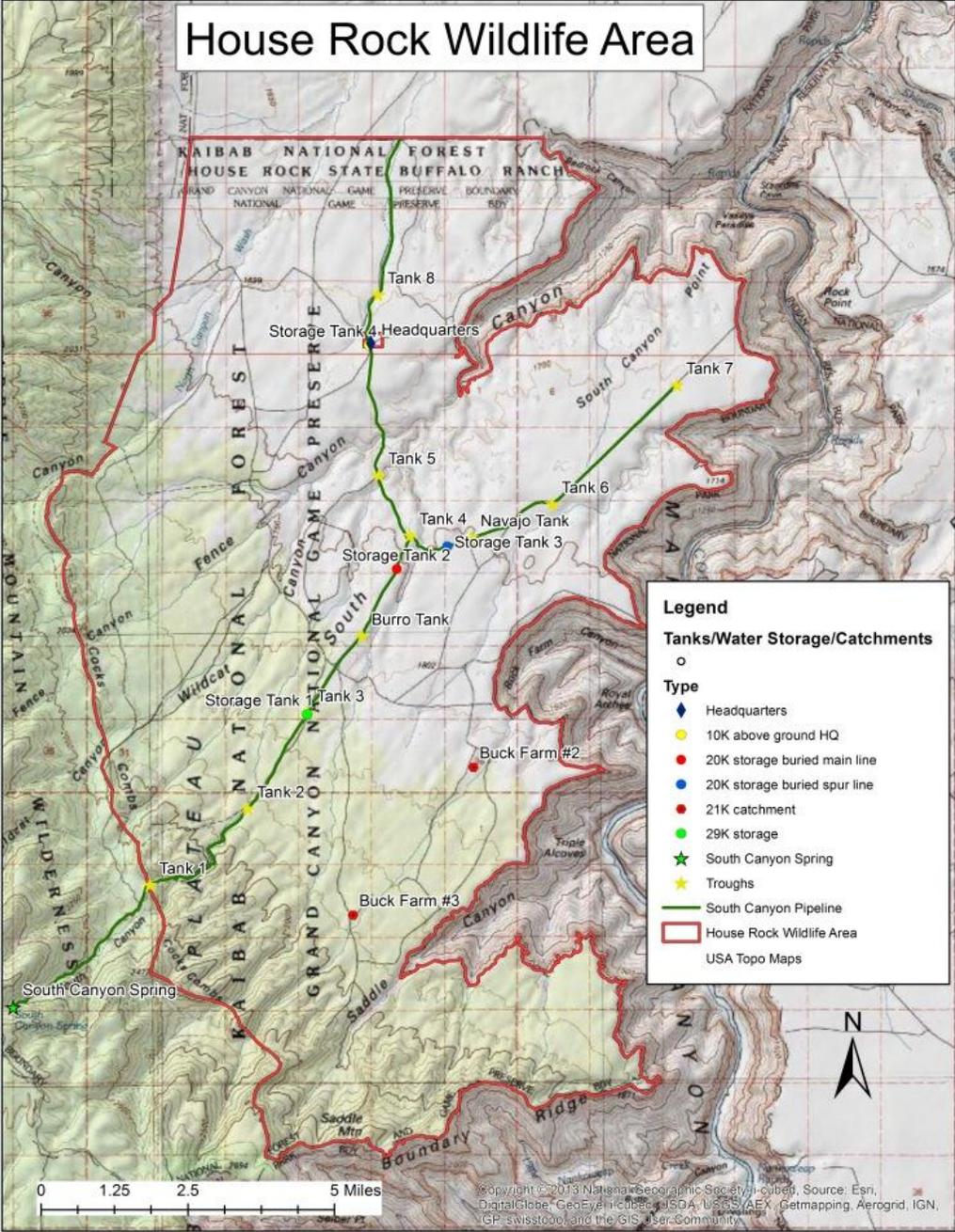
HRWA Manager- Mike Rice

PROJECT COMPLETION REPORT TO BE FILED BY:

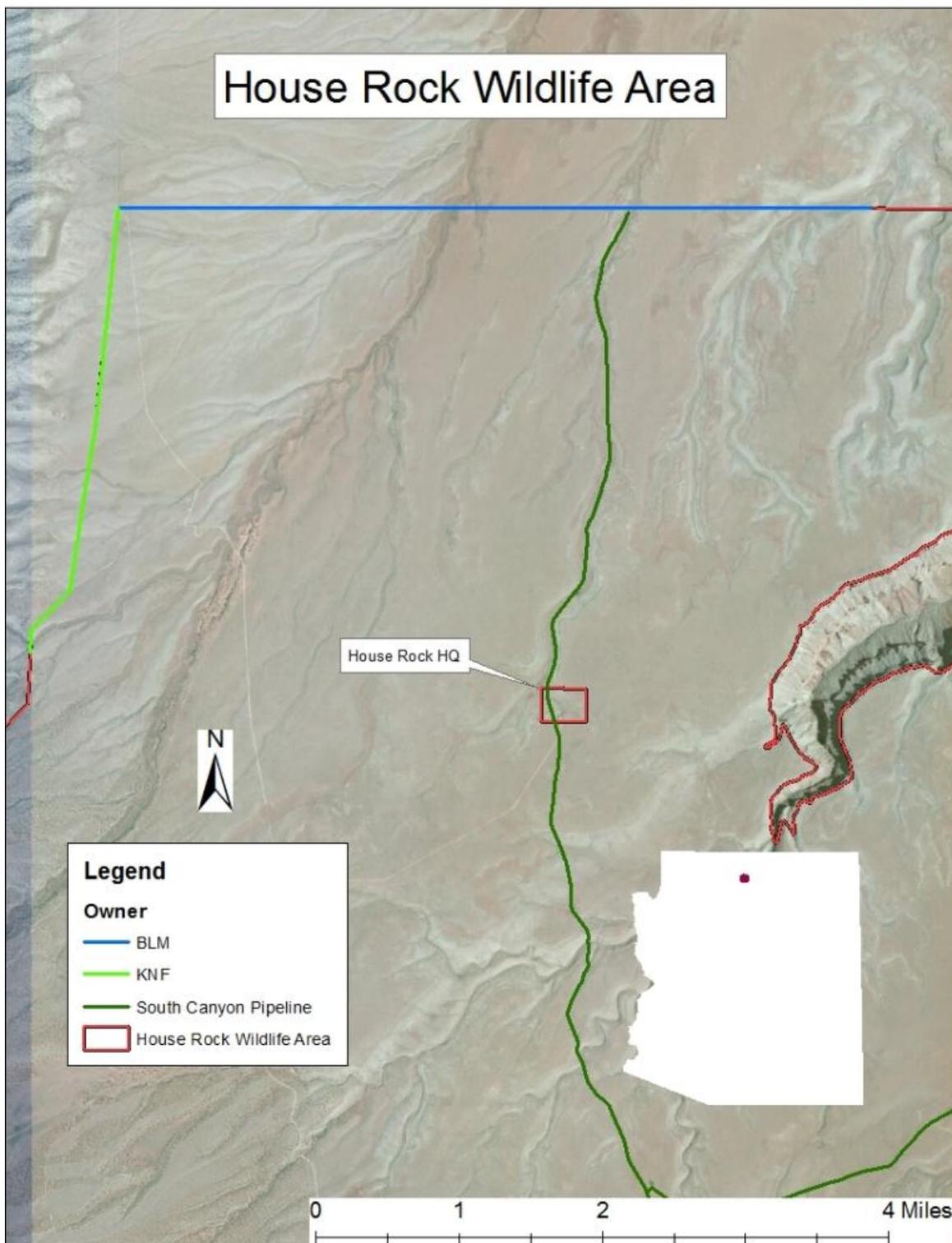
HRWA Manager- Mike Rice



Map of North Kaibab showing location of House Rock Wildlife Area



General map of House Rock Wildlife Area



The green section of the map depicts the completed section of this project. The blue section is yet to be completed.