



COUNCIL DECISION REQUEST

SUBJECT: Traffic Control Sign Request – St. Moritz Drive and Rhone Circle

MEETING DATE: 9-21-2012

SUBMITTED BY: LaRon Garrett,  Asst Town Mgr.

SUBMITTAL TO AGENDA
APPROVED BY TOWN MANAGER

AMOUNT BUDGETED: \$7,000

EXPENDITURE REQUIRED: \$100



EXHIBITS (If Applicable, To Be Attached): Request Letter, Map of the Area

POSSIBLE MOTION

I move to direct staff to leave the intersection of St. Moritz Drive and Rhone Circle unsigned.

Or

I move to direct staff to install a (YIELD or STOP) sign on Rhone Circle where it intersects with St. Moritz Drive.

SUMMARY OF THE BASIS FOR POSSIBLE MOTION:

A request was submitted by Mr. Don Huth who resides at 1107 N. Rhone Circle for the Town to install a STOP sign at the intersection of W. St. Moritz Drive and N. Rhone Circle.

Background

The Manual on Uniform Traffic Control Devices (MUTCD) Section 2B.05 provides the following guidance concerning STOP sign applications:

“STOP signs should be used if engineering judgment indicates that one or more of the following conditions exist:

- A. Intersection of a less important road with a main road where application of the normal right-of-way rule would not be expected to provide reasonable compliance with the law;*
- B. Street entering a through highway or street;*
- C. Unsignalized intersection in a signalized area; and/or*
- D. High speeds, restricted view, or crash records indicate a need for control by the STOP sign.*

STOP signs should not be used for speed control.

STOP signs should be installed in a manner that minimizes the numbers of vehicles having to stop. At intersections where a full stop is not necessary at all times, consideration should be given to using less restrictive measures such as YIELD signs.”



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Findings

This intersection is a small local cul-de-sac (Rhone Circle) intersecting with another local street (St. Moritz Drive). St. Moritz Drive is a local residential street connecting between W. Sherwood Drive and N. Tyrolean Drive. Rhone Circle is a cul-de-sac with 13 residential lots fronting on the street. One resident has contacted the Town requesting the STOP sign installation.

Town Staff completed a field investigation to determine the current traffic conditions at this intersection. Following is a summary of the data that was collected:

Street	Direction of Travel	Average Daily Traffic	85 th Percentile Speed (mph)	Peak Hourly Traffic	Peak Hour
St. Moritz Drive	East	61	25.5	7	10AM, 1PM
St. Moritz Drive	West	94	21.3	11	1PM, 2PM, 5PM
St. Moritz Drive	Combined	154	22.9	17	1PM, 5PM
Rhone Circle	South	16	21.0	5	9AM

There have been no reported accidents at this intersection in the past 5 years.

As shown in the table, the speeds, peak hourly traffic, and total average daily traffic numbers are not excessive. Based on the above data, this intersection does not meet the standard applications for installing a STOP sign based on the MUTCD guidance. However, there are similar type intersections in this area (small cul-de-sac entering another local street) where the Town has installed a STOP sign on the cul-de-sac entering the local street.

Therefore, based on engineering judgment, a STOP sign is not required at this intersection. However, since there are similar intersections in the area that are controlled by signage it would be permissible to install signage at this intersection. If it is determined that this intersection should be controlled by signage, staff recommends that a YIELD sign be considered in place of a STOP sign.

PROS: This would provide signage for controlling traffic at this intersection.

CONS: Installing a STOP sign would require all traffic to stop even if there was no traffic on the intersecting street.

FUNDING:

Acct: 202-5-.3442-6015	Budget: \$7,000	Available: 7000.-	Expense: 100.	Remaining: 6900.
Acct:	Budget:	Available:	Expense:	Remaining:
Acct:	Budget:	Available:	Expense:	Remaining:

FM: Hope Cubitt Date: 9-12-12

Don & Nancy Huth
1107 N Rhone Circle
Payson, AZ 85541
January 27, 2012

Town of Payson
Town Council
303 North Beeline Highway
Payson, AZ 85541

Dear Council Members:

My wife and I have been tax-paying citizens of Payson since 2004. We would like you to consider a matter that is of great concern to us, as well as other residents of Alpine Village. There is a need for a Stop sign on the Northwest corner of Rhone Circle and St Moritz. The T-Section is an accident waiting to happen. It is especially hazardous when the residents of 1107 N Rhone Circle park their 45 foot RV at the corner. This makes it even more difficult to turn onto St. Moritz. Since there are other T-Sections in the vicinity of Alpine Village with Stop signs, we see no reason that our request should be denied.

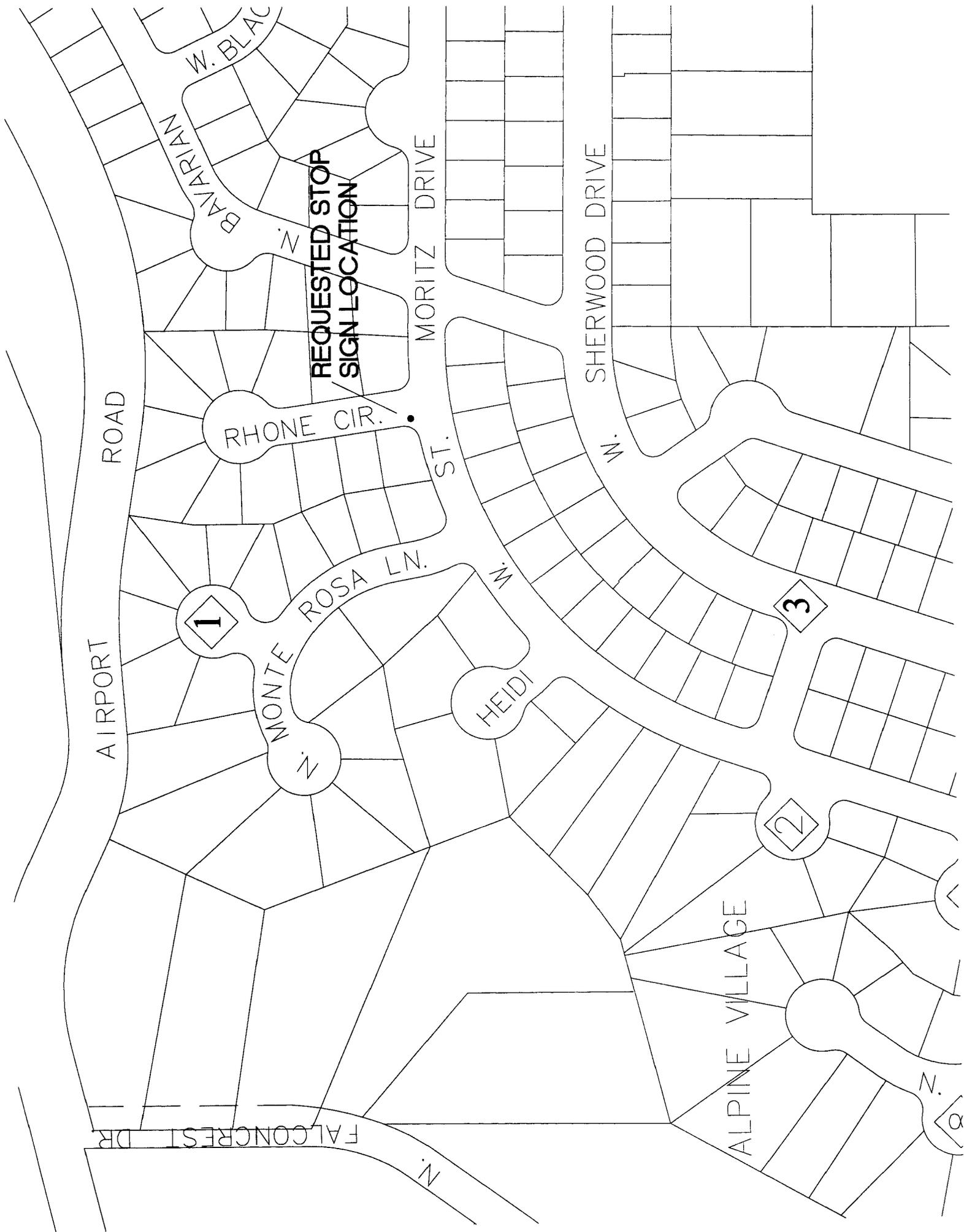
Please let us know if there is anything we can do to aid in the placement of this stop sign. We are willing to get the neighbors to sign a petition, if needed. If this is a monetary, we would be willing to contribute up to \$300 to help defray the costs.

Thank you for your time and consideration in this matter. We are looking forward to your response.

Sincerely,

Don and Nancy Huth

928-474-2391



FALCONCREST DR

AIRPORT ROAD

W. BLAC
BAVARIAN

RHONE CIR.

MONTE ROSA LN.

MORITZ DRIVE

ST.

HEIDI

SHERWOOD DRIVE

ALPINE VILLAGE

1

2

3

REQUESTED STOP
SIGN LOCATION