

COUNCIL DECISION REQUEST

SUBJECT: Four-Way Stop Sign at the intersection of Easy Street and Matterhorn

MEETING DATE: 08-20-09

PAYSON GOAL: NEW: EXISTING:

ITEM NO.:

TENTATIVE SCHEDULE:

SUBMITTED BY: LaRon G. Garrett, Pub. Wks. Dir. AMOUNT BUDGETED: \$12,000.00

SUBMITTAL TO AGENDA

EXPENDITURE REQUIRED: \$300.00

APPROVED BY TOWN MANAGER

CONT. FUNDING REQUIRED: \$0

EXHIBITS (If Applicable, To Be Attached): Map of the area surrounding the Easy St. and Matterhorn intersection

POSSIBLE MOTION

I move to approve the installation of two additional Stop signs at the intersection of N. Easy Street and N. Matterhorn creating a 4-Way Stop at that intersection.

SUMMARY OF THE BASIS FOR POSSIBLE MOTION:

Staff has received several requests for revised traffic control and/or traffic calming in the area of N. Easy Street between N. William Tell and N. Matterhorn. The first request we received was for the installation of a 4-Way Stop at the intersection of N. Easy Street and N. William Tell. The second request was for traffic calming on N. Easy Street between N. William Tell and Matterhorn. The third request was for the installation of a 4-Way Stop at the intersection of N. Easy Street and N. Matterhorn.

The Engineering Department performed a traffic study in the area to determine: (1) If there was sufficient traffic in this area to warrant the 4-Way Stops or some form of traffic calming; and (2) What type of traffic control or traffic calming changes would be appropriate in the area. The average daily traffic on Easy Street in this area is 275 vehicles per day and the 85th percentile speed is 30.2 miles per hour. Based on the information obtained from this traffic study, staff came to the following conclusions concerning each request.

1. Request for a 4-Way Stop at the intersection of N. Easy Street and N. William Tell

The request was submitted due to a concern about visibility to the west of the intersection. After reviewing this area staff did not find that a 4-Way Stop is warranted at this intersection. Staff did install additional warning signs in the area on N. Easy Street approaching N. William Tell from each direction.

2. Request for traffic calming on N. Easy Street between N. William Tell and N. Matterhorn

The typical type of traffic calming for this area is speed humps. However, after doing the traffic study, it was determined that speed humps would not be appropriate in this particular location. Speed humps are normally used in pairs spaced a minimum of 200 feet apart and 200 feet from any curves. This section of Easy Street between the curves does not have enough distance to properly install speed humps. Also, since the 85th percentile speed is only 5 miles per hour over the speed limit, the results from speed humps would be minimal.

AUG 20 2009 I.4

COUNCIL DECISION REQUEST

3. Request for a 4-Way Stop at the intersection of N. Easy Street and N. Matterhorn

The request was submitted due to a concern about visibility to the east of the intersection and the amount of time wait on Matterhorn during peak traffic times. After reviewing this intersection staff did find that a 4-Way Stop is warranted at this intersection due to the sharp curve just to the east of the intersection and the peak traffic volume on the two streets.

A public meeting was held on July 27th concerning these potential changes. All residents within the affected area (shown in a heavy outline on the map) were set a written invitation to the meeting. Five residents attended the public meeting. Four of the five attendees strongly supported the 4-Way Stop at Easy and Matterhorn. This was the only option they supported. The fifth attendee was not in favor of making any changes in the area. Staff also received three written responses prior to the meeting from area residents supporting only the 4-Way Stop at Easy and Matterhorn.

Based on the traffic investigation performed by Staff and by the input from the area residents, Staff recommends approval of installing 2 additional Stop signs at the intersection of N. Easy Street and N. Matterhorn creating a 4-Way Stop. Staff will also install the appropriate approach warning signs with the new Stop signs.

PROS: The additional Stop signs will improve traffic safety and traffic flow on N. Easy Street at N. Matterhorn.

CONS: The additional Stop signs on Easy Street may cause some traffic from the Alpine Heights area to take Bradley Drive to Rancho Road which would place additional traffic past the Payson Elementary School. However, staff believes that the additional volume on Rancho Road will be insignificant.

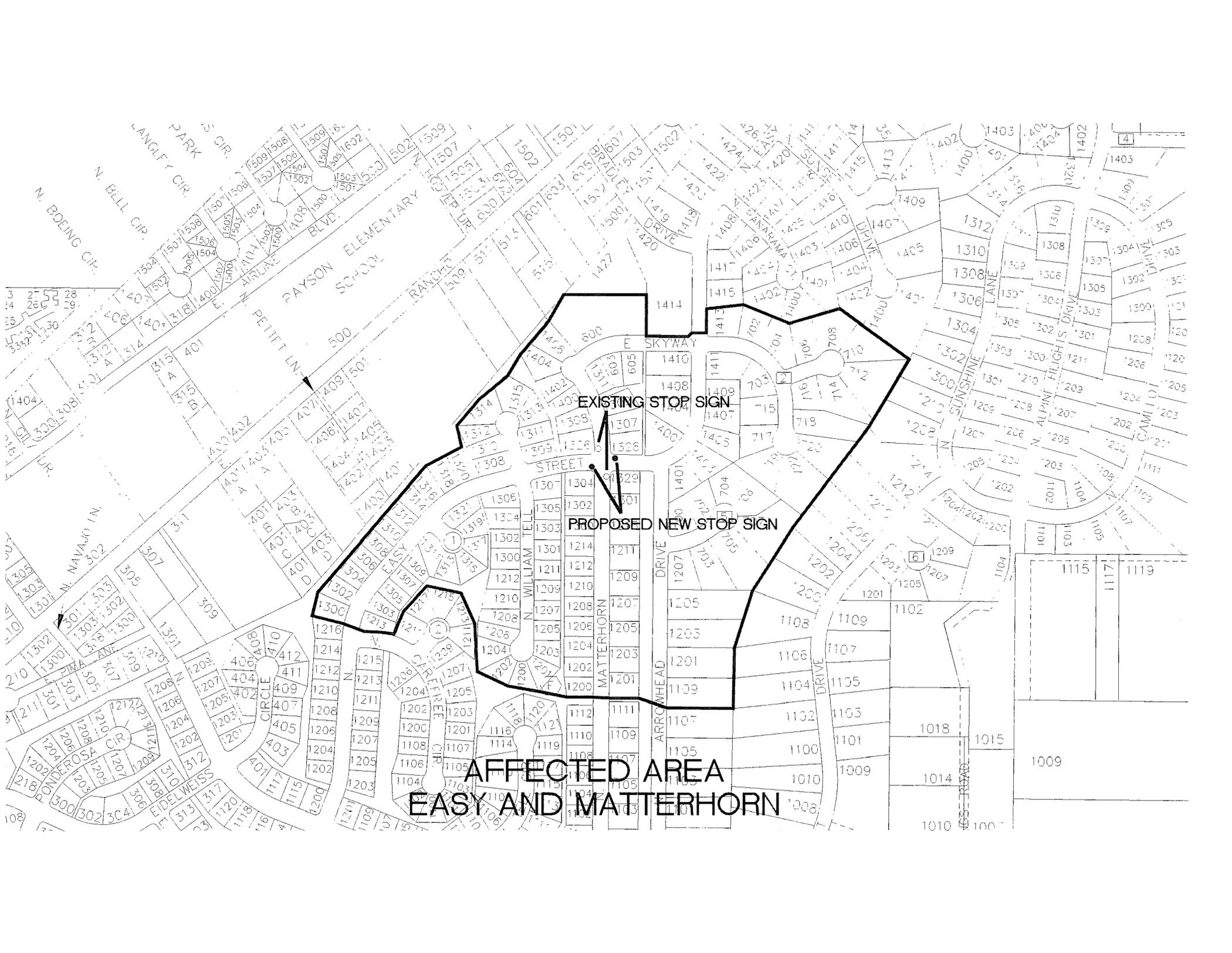
PUBLIC INPUT (if any): Public Meeting held on July 27th in the Town Council Chambers.

BOARD/COMMITTEE/COMMISSION ACTIONS/RECOMMENDATIONS (if any) (give dates and attach minutes): N/A

FUNDING:

Acct:202-5-3442-00-6015	Budget: \$12,000	Available:	Expense:	Remaining:
Acct:	Budget:	Available:	Expense:	Remaining:
Acct:	Budget:	Available:	Expense:	Remaining:

3A: _____ Date: _____



EXISTING STOP SIGN

PROPOSED NEW STOP SIGN

AFFECTED AREA
EASY AND MATTERHORN