



Ward VI Back-to-Basics Grants RFP Cover Sheet

If your neighborhood association is interested in applying for Back-to-Basics funding for next fiscal year (beginning July 1, 2006) please send any applicable information and this coversheet to the Ward VI Council Office by **May 1, 2006**.

Awards will be announced by June 30, 2006.

Neighborhood Association	Thunderbird Heights/Wilmot Desert Estates
Contact Name	Rich Fedeles, Fred Thompson
Contact Phone #	RF: 584-1191 FT: 790-5469
Project Type: (e.g. traffic mitigation, parks, lighting, sidewalks)	Traffic mitigation
Brief Project Description (Please attach any additional information that may be helpful in the award process)	Our neighborhood is caught between Speedway and 5 th just west of Wilmot. Our wide and straight streets are used as alternate routes to avoid the Wilmot/Speedway intersection and the 5 th /Wilmot intersection. We have high speed traffic during peak drive hours and continuous non-neighborhood traffic regardless of the time of day. The Mitman neighborhood to the west has installed traffic circles, speed humps and additional stop signs. THWDE seeks to do the same. The proposal is to install traffic circles at Rosewood/Alamo, Sonoita/2 nd , and Sahuara/2 nd . Ruston/4 th should have three-way stop signage. Also requested is a median traffic island on Alamo immediately north of 4 th .
Award Amount Requested	\$12,000
Other Funding Sources: Please list awarded & pending applications	

This coversheet and other applicable information can be sent to:

Ward VI Council Office

Attn: Monique

3202 E First Street

Tucson, AZ 85716

Or via email: monique.martin@tucsonaz.gov

**Proposal for Back to Basics Funding: Thunderbird Heights/Wilmot Desert Estates
Neighborhood Association
May 2006**

Our neighborhood is caught between Speedway and 5th and lies just west of Wilmot. Our wide and straight streets are used as alternate routes to avoid the Wilmot/Speedway intersection and the 5th/Wilmot intersection. We have high speed traffic during peak commute hours and continuous non-neighborhood traffic regardless of the time of day. The Mitman neighborhood to the west has installed traffic circles, speed humps and additional stop signs. THWDE seeks to do the same.

The proposal is to install traffic circles at Rosewood/Alamo, Sonoita/2nd, and Sahuara/2nd. Ruston/4th should have three-way stop signage. Also requested is a median traffic island on Alamo immediately north of 4th.

October, 2004, the City of Tucson conducted a traffic count in the THWDE and Mitman neighborhoods. The results of that count are found below. THWDE also circulated a traffic survey to better understand how neighbors perceive the traffic situation in the neighborhood. A traffic mitigation committee formed and met in order to analyze the traffic count results and prioritize the responses to the traffic survey. The traffic survey had 52 responses.

When the traffic survey responses were plotted against a map of the neighborhood, it became clear that the surveys from residents living on interior, non-through streets did not perceive traffic to be a problem, whereas residents living on the through north-south streets (Alamo, Sonoita, Sahuara) and the main east-west street (Rosewood) perceive traffic to be a major problem.

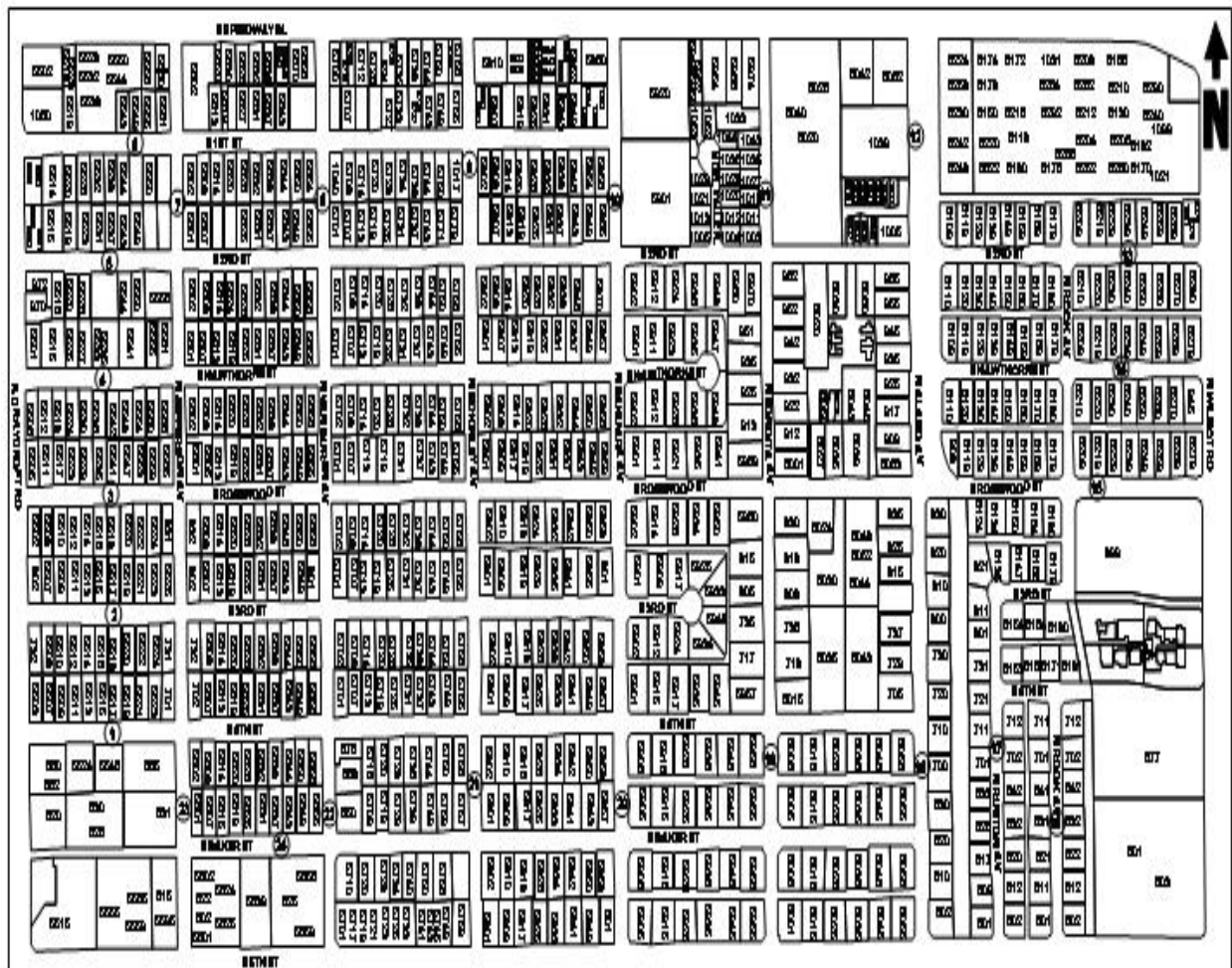
The Wilmot and Speedway intersection is one of the busiest intersections in Tucson. 5th Street and Wilmot also has substantial traffic flow. As a result, our neighborhood streets are frequently used as 40mph shortcuts between Speedway and 5th street, and between Wilmot and Craycroft.

This traffic is a safety concern. Our residents can be seen morning and evening walking, jogging and biking our streets for exercise. We have an increasing number of young families with children moving into the neighborhood. Sewell Elementary is within easy walking distance. Most of our streets do not have sidewalks therefore all the above activity happens along the edges of the streets. High speed, frequent traffic is a threat to safety.

Pg 3,4 City of Tucson Traffic Count

Pg 5 Traffic survey questionnaire sent to residents

Pg 6 Analysis of Questionnaire results



Thunderbird Heights/Mitman Neighborhood
Counter Locations

Location # 9/2004	Direction	ADT	Total ADT	Avg Spd	#>25mph	%>25mph
1-1st Street E/O Craycroft Road	- EB&WB	3632/18	610	19/19	16/ 06	01/02
2-3rd Street E/O Craycroft Road	- EB&WB	5421/33	189	17/19	06/ 29	11/22
3-Rosewood Street E/O Craycroft Road	- EB&WB	2932/51	529	19/18	06/ 02	03/08
4-Hamborne Street E/O Craycroft Road	- EB&WB	9321/32	225	22/23	31/ 52	31/39
5-2nd Street E/O Craycroft Road	- EB&WB	2808/10	590	25/27	16/21 10	59/68
6-1st Street E/O Craycroft Road	- EB&WB	1192/15	361	22/21	56/ 39	36/18
7-Jefferson Avenue S/O Speedway Blvd	- NB&SB	3176/89	1036	23/21	150/115	13/21
8-Van Buren Avenue S/O Speedway Blvd	- NB&SB	2598/11	573	20/21	11/ 06	01/21
9-McKisley Avenue S/O Speedway Blvd	- NB&SB	3314/35	166	19/19	11/ 39	12/09
10-Salinas Avenue S/O Speedway Blvd	- NB&SB	3704/66	838	19/19	28/ 58	09/12
11-Soroka Avenue S/O Speedway Blvd	- NB&SB	2092/89	198	20/20	13/ 51	21/18
12-Alamo Avenue S/O Speedway Blvd	- NB&SB	3368/89	705	24/26	150/111	15/51
13-2nd Street W/O Wilmot Road	- EB&WB	527/ 07	139	15/11	00/ 02	00/02
14-Hamborne Street W/O Wilmot Road	- EB&WB	597/ 60	119	23/20	20/ 06	34/10
15-Rosewood Street W/O Wilmot Road	- EB&WB	2568/98	651	23/21	91/ 67	36/17
16-Rush Avenue N/O 5th Street	- NB&SB	677/ 66	133	17/19	02/ 09	03/11
17-Rustin Avenue N/O 5th Street	- NB&SB	11821/39	257	23/21	18/ 59	11/12
18-Alamo Avenue N/O 5th Street	- NB&SB	16821/92	360	21/21	32/ 38	19/20
19-Soroka Avenue S/O 1th Street	- NB&SB	12821/19	277	23/21	39/ 61	31/13
20-Salinas Avenue N/O Baker Street	- NB&SB	2192/53	502	25/21	106/106	13/12
21-McKisley Avenue N/O Baker Street	- NB&SB	2618/95	656	25/27	130/111	50/61
22-Van Buren Avenue N/O Baker Street	- NB&SB	2598/20	579	22/25	18/112	19/51
23-Jefferson Avenue N/O Baker Street	- NB&SB	1118/19	1330	25/26	206/191	50/53
24-Baker Street E/O Jefferson Avenue	- EB&WB	20121/77	378	13/08	00/ 00	00/00

Counts for both directions from 7:00-9:00 AM and 4:00-6:00 PM only

Location # 9/2004	Direction	ADT (7:00-9:00 AM)	ADT (4:00-6:00 PM)
1-1st Street E/O Craycroft Road	- EB&WB	367/ 26	61/ 21
2-3rd Street E/O Craycroft Road	- EB&WB	09/ 15	09/ 21
3-Rosewood Street E/O Craycroft Road	- EB&WB	15/ 13	67/ 35
4-Hamborne Street E/O Craycroft Road	- EB&WB	09/ 20	23/ 18
5-2nd Street E/O Craycroft Road	- EB&WB	21/ 17	67/ 38
6-1st Street E/O Craycroft Road	- EB&WB	12/ 18	26/ 30
7-Jefferson Avenue S/O Speedway Blvd	- NB&SB	19/126	88/ 86
8-Van Buren Avenue S/O Speedway Blvd	- NB&SB	31/ 13	51/ 50
9-McKisley Avenue S/O Speedway Blvd	- NB&SB	21/ 38	53/ 73
10-Salinas Avenue S/O Speedway Blvd	- NB&SB	10/ 77	70/ 67
11-Soroka Avenue S/O Speedway Blvd	- NB&SB	22/ 35	30/ 31
12-Alamo Avenue S/O Speedway Blvd	- NB&SB	30/ 19	63/ 39
13-2nd Street W/O Wilmot Road	- EB&WB	09/ 13	09/ 13
14-Hamborne Street W/O Wilmot Road	- EB&WB	09/ 03	15/ 07
15-Rosewood Street W/O Wilmot Road	- EB&WB	50/ 12	36/ 69
16-Rush Avenue N/O 5th Street	- NB&SB	10/ 17	09/ 10
17-Rustin Avenue N/O 5th Street	- NB&SB	17/ 26	22/ 21
18-Alamo Avenue N/O 5th Street	- NB&SB	25/ 13	37/ 23
19-Soroka Avenue S/O 1th Street	- NB&SB	17/ 36	30/ 17
20-Salinas Avenue N/O Baker Street	- NB&SB	31/ 39	59/ 59
21-McKisley Avenue N/O Baker Street	- NB&SB	20/ 77	57/ 51
22-Van Buren Avenue N/O Baker Street	- NB&SB	30/ 70	56/ 36
23-Jefferson Avenue N/O Baker Street	- NB&SB	39/188	69/129
24-Baker Street E/O Jefferson Avenue	- EB&WB	37/ 23	20/ 17

TRAFFIC COUNT INFORMATION FOR
THUNDERBIRD HEIGHTS/WILMOT DESERT ESTATES AND MITMAN NEIGHBORHOOD

Volume (ADT) (ADT-Average Daily Traffic) - Gives details of daily volume of vehicles on the street during the survey period.
Average Speed-Gives average speed of traffic on specified street. (The percent of vehicles travelling greater than 25 mph is considered high for a residential street.)

% >25 mph - Gives percentage of vehicles travelling at speeds in excess of 25 mph.

>25 mph -Gives numbers of vehicles travelling at speeds in excess of 25 mph. (Greater than 50% is considered high for a residential street).

Traffic Mitigation Survey for

1. What is your street address? _____

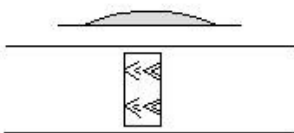
2. Please rank the following problems on your street:

	(Not at all a problem)				(Big problem)
a. Traffic volume	1	2	3	4	5
b. Traffic speed	1	2	3	4	5
c. Running stop signs	1	2	3	4	5
d. Traffic noise	1	2	3	4	5
e. Cut-thru traffic	1	2	3	4	5
f. Other, please specify: _____	1	2	3	4	5

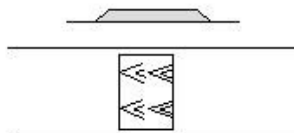
3. Which traffic mitigation options would you support? (see descriptions below)

	(Strongly oppose)				(Strongly support)
a. Speed humps	1	2	3	4	5
b. Speed tables	1	2	3	4	5
c. Traffic circles	1	2	3	4	5
d. Curb extensions	1	2	3	4	5
e. Partial street closures	1	2	3	4	5
f. Small median islands	1	2	3	4	5
g. Other, please specify: _____	1	2	3	4	5

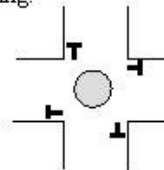
A. Speed Hump: Asphalt humps 3½" high and 12 feet long. Used to slow traffic on residential streets.



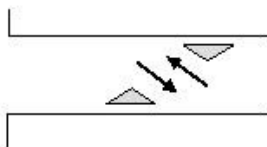
B. Speed Table: Asphalt humps 3½" high and 22 feet long. Designed for streets that have secondary emergency vehicle access.



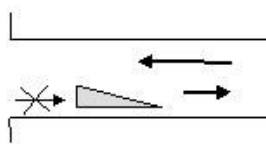
C. Traffic Circle: A landscaped center island and four way stop. Used to deter cut-thru traffic, slow speeds, and prevent stop sign running.



D. Curb Extension: A small landscaped chicane to deter entry and slow traffic.

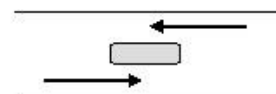


E. Partial Street Closure: Create one-way access at junction of residential street and major arterial to limit entry/exit. Street remains two-way. Typically used on pairs of streets with offsetting access control.



F. Small Median Island:

Small landscaped island to slow and control traffic speeds using a visual barrier, especially on wider streets.



Your input counts... thank you for your participation!

Results from Neighborhood Questionnaire about Traffic

1 = Not a problem/low interest 5 = Definitely a problem/high interest

Q2	1	2	3	4	5
Traffic Volume	13	6	4	9	17
Traffic Speed	9	6	3	10	24
Running Stop signs	11	6	11	6	19
Traffic Noise	10	8	10	8	10
Cut Through Traffic	10	8	5	4	23
TOTALS	53	34	33	37	93

Q3	1	2	3	4	5
Speed Bumps	10	4	1	4	16
Speed Tables	8	2	3	7	12
Traffic Circles	6	2	2	5	21
Curb Extensions	10	2	5	1	14
Partial Street Closures	12	3	1	3	14
Small Median Islands	13	3	2	4	18
TOTALS	59	16	14	24	95

☐ High Speed
 ● High Traffic
 ○ Normal

