RESOLUTION 08-12083

A RESOLUTION APPROVING THE CITY OF NAPLES' TRAFFIC CALMING PROGRAM FOR FISCAL YEAR 2007-2008; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the City Council adopted the Neighborhood Traffic Management Program Manual dated July 1995 on August 16, 1995 in accordance with City of Naples Resolution 95-7493; and

WHEREAS, the Neighborhood Traffic Management Program has been utilized annually to identify and implement street improvements; and

WHEREAS, for Fiscal Year 2007-2008, a program has been prepared and attached as Exhibit "A" to address traffic improvements throughout the City of Naples; and

WHEREAS, the programs identified in Exhibit "A" include petition submittals, resolutions and permits from various groups within the City, a list of street improvements that total approximately $128,000.00, and traffic studies that are planned over the next six months; and

WHEREAS, the program identified in Exhibit "A" is in the best interest of the City to approve and implement;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF NAPLES, FLORIDA:

Section 1. The City Council hereby approves the Traffic Calming Program for Fiscal Year 2007-2008 as set forth in the attached Exhibit "A".

Section 2. That the City Manager is hereby authorized to undertake the implementation of the Traffic Calming Program, including the list of street improvements.

Section 3. That this resolution shall take effect immediately upon adoption.


Bill Barnett, Mayor

Attest:

Tara A. Norman, City Clerk

Approved as to form and legality:

Robert D. Pritt, City Attorney

Date filed with City Clerk: 6/17/08
EXHIBIT A (Page 1 of 2)
CITY OF NAPLES TRAFFIC CALMING PROGRAM
FOR
FISCAL YEAR 2007-2008

BACKGROUND: During the last few years, the City has been involved with over ten traffic calming initiatives. In each location, residents and City staff have jointly participated in fact finding, analysis of information, identification of improvements and in preparing information for presentation to City Council consistent with the City’s Neighborhood Traffic Management Program. For the current Fiscal Year 2007-2008, an amount of approximately $150,000.00 has been allocated to neighborhood traffic improvements in response to primarily traffic calming needs. For FY07-08, the following programs are presented for review, information and as applicable consideration by City Council for implementation.

TRAFFIC CALMING PROJECT SUMMARY: The following summary of individual location/project information is provided to identify and to recommend action steps:

Crayton Road: Problems typically involve excessive volume during winter months causing access issues, excessive speed during summer periods and a need to better identify the residential character of the street to discourage attracting an increasing number of vehicles from U.S.41. The petition position of the Crayton Road Association is represented by their attached resolution (Attachment #1). Related traffic data is provided as composite Attachment #2. The City staff concurs with the Associations management plan and recommends implementation as follows:

1. Crosswalk enhancements as noted.
2. Mid-Block Island construction (reference Attachment #3 with cost estimate Attachment #4).
3. Traffic studies as noted.

South Golf Drive: Problems typically involve east-west speeding and cut thru traffic on 3rd Street North. Summary information is as follows: a) Improvement program (reference Attachment #5); b) Sketch of typical off-set (reference composite Attachment #6); c) Copies of typical petitions (reference Attachment #7; represent 50% of residential properties). Based on positive comments from residents on the west end of the street, staff recommends the following:

1. Construct and monitor the first of three potential traffic devices to slow down traffic at the intersection of South Golf Drive and 3rd Street North (reference cost estimate per Attachment #8).

West Boulevard: Residents and staff have monitored traffic and have considered the design of a possible future mid-block island to discourage commercial thru trips. With the trend of reduced traffic, representatives have requested the completion of a pedestrian crosswalk at the intersection of West Boulevard and Whispering Pine Drive (reference sketch Attachment #9). Staff concurs with this recommendation.

Seagate Drive: The Seagate Homeowners Association has proceeded with the installation of entry feature and landscaping at their entrance from Seagate Drive near Crayton Road. Additionally, the Seagate Association and Naples Cay Associations continue to consider both
pedestrian improvements and mid-block islands for speed control. Based on continuing discussions, the staff recommends the following:

1. Assist the Seagate Homeowners Association in the development of both entry landscaping and entry feature (reference sketches, Attachment #10, depicting entry feature).

**Old Trail Drive:** Volume on this local street continues to be impacted by truck traffic using the street as a local cut-thru. Prior calming devices have had minimal impacts but the need to re-establish street function for access remains the goal. The City staff recommendations are as follows:

1. Process an information questionnaire to the neighborhood to determine the community desires for median closure at Park Shore Drive and Old Trail Drive; if a majority of residents are in favor of the closure, the City would implement a temporary closure during the summer to monitor results.
2. Install truck prohibition signs for Old Trail on U.S. 41, Old Trail and Belair Drive.

**Eagle Oak Ridge:** The previously approved program for Eagle Oak Ridge (reference Attachment #11), has been impacted by the recent 6-laning of Goodlette-Frank Road. As a result of road construction, City staff are monitoring changes in travel patterns and undertaking speed studies. The results of these studies will be shared with neighbors in the community for possible amendment of the approved plan.

**Miscellaneous Study Areas:** There are continuing investigations into specific problems at the following locations: Neapolitan Way (traffic volume/access); Park Shore Drive (traffic volume/LOS); 10th Avenue South (potential truck traffic); 21st Avenue South (speeding). Each of the above locations will remain subject of monitoring and the potential identification of measures that would address traffic conditions when the surround community is adversely impact by one or more adverse conditions.
RESOLUTION OF THE CRAYTON ROAD ASSOCIATION

A RESOLUTION OF THE CRAYTON ROAD ASSOCIATION BOARD OF DIRECTORS RECOMMENDING A CRAYTON ROAD TRAFFIC MANAGEMENT PLAN TO THE NAPLES CITY COUNCIL

WHEREAS, The Crayton Road Association (Association) with over 100 members has historically represented property owners along the entire length of Crayton Road, extending from Seagate Drive at the north to Gulf Shore Boulevard at the south, a total length of approximately 3.5 miles; and

WHEREAS, The Crayton Road Association (Association) has thoroughly studied the corridor since the 1970's and has prepared various master plans; and

WHEREAS, In monitoring traffic over the years, it has been recognized that increasing traffic volume, peak hour traffic and the speed of traffic during certain times of the year create an adverse impact on the character and quality of the communities along Crayton Road; and

WHEREAS, The Association has analyzed various action steps and has developed a Traffic Management Plan (attached as Exhibit #1) with the objective of identifying and implementing improvements that will reduce the adverse impacts of traffic on the North Naples community.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE CRAYTON ROAD ASSOCIATION:
Resolution 08-12083

Section 1. That the attached Crayton Road Traffic Management Plan attached herein as Exhibit #1 is hereby adopted as the Crayton Road Association's petition for submittal to the Naples City Council.

Section 2. That the Association President or Designee is hereby authorized to execute this resolution and transmit same to the Naples Mayor, the Naples City Council and the Naples City Manager.

APPROVED THIS 8TH DAY OF MAY 2008 BY THE CRAYTON ROAD ASSOCIATION BOARD OF DIRECTORS AT NAPLES, FLORIDA.

GARY SMITH, PRESIDENT
CRAYTON ROAD ASSOCIATION

Attest: FRANCIS G. RONNENBERG
EXHIBIT #1
CRAYTON ROAD ASSOCIATION

RECOMMENDED
CRAYTON ROAD TRAFFIC MANAGEMENT PLAN
May 2008

BACKGROUND:
It is recognized that various problems exist on various segments of Crayton Road during various times of the year. It is also recognized that there is no single solution and that improvements need to be developed in a responsible fashion and possibly implemented in stages with each stage monitored for results.

It is also recognized that three (3) entities need to be accounted for in developing a plan of action. The three entities are 1) property owners along the street; 2) users of the street; and 3) the overall community. With these considerations, the City is being requested to undertake a management plan and implementation plan as follows.

GOALS:
1. Discourage the use of Crayton Road as an alternative route to U.S.41.
2. Implement traffic volume reduction measures to provide for pedestrian & bicycle traffic safety, ease owners access to and from their homes along Crayton Road and enhance and beautify the residential character of Crayton Road
3. Implement measures to discourage speeding.

MANAGEMENT PLAN:

ELEMENTS FOR SUMMER IMPLEMENTATION:

1. Maintain speed enforcement programs.
2. Provide for enhanced crosswalk markings, special signage and pedestrian landings at all intersections as part of resurfacing of the north section of Crayton Road (Whispering Pines south).
3. Implement Mid-block Island north of Whispering Pine, maintaining a 3' or preferably a 4' bike lane.
MANAGEMENT PLAN: continued

ANALYSIS PHASE FOR COMPLETION OVER THE SUMMER:

The City shall undertake a study of the North Naples area to determine traffic patterns in terms of daily and peak hour volume for the purposes of identifying corridor and alternate route impacts for various traffic control devices. With this information as background data, undertake an analysis of Crayton Road between Harbor Drive and Seagate with the intent of evaluating the application of the following traffic devices and analysis factors:

TRAFFIC DEVICES-LOCATION SPECIFIC:
1. Selective speed enforcement.
2. Peak hour-peak season intersection controls by Police Officers or by Special Crossing Guards.
3. Temporary use of traffic devices during peak hour-peak season at specific locations.
4. Special pavement markings and signage for intersections.
5. Crosswalk enhancements to include raised crosswalks with pedestrian corners.
7. Neighborhood Entry features, both gateway treatment & mid-block applications.
8. Application of chicanes/islands with recommended locations.
9. Roundabouts and/or traffic circles.
10. Intersection diverters.
11. Speed tables and speed humps.
12. Re-timing of traffic signal phasing.
13. Intersection configuration at U.S.41 and Harbor Drive.
14. Signal warrant analysis at U.S.41 and Banyan Boulevard.

ANALYSIS FACTORS:
1. Allow for emergency vehicles/operations.
2. Maintain driveway access.
3. Provide for pedestrians.
4. Allow for safe design speeds.
5. Identify the impact of devices within the neighborhood.
6. Allow for landscaping
7. Provide for temporary device alternatives.
CITY OF NAPLES

NORTH NAPLES TRAFFIC DATA

PEAK SEASON

April 2008

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* All traffic counts are 2-way 24 hour counts (Note: Quarterly count data used when available).
### Composite Attachment 2 to Exhibit A (Page 3 of 3)

**CITY OF NAPLES TRAFFIC DEPT.**  
**TRAFFIC COUNT STUDY**  
**Volume Report with 24 Hour Totals**

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**Data File**: D0325011.PRN  
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**Identification**: 0000000004217  
**Interval**: 15 minutes  
**Start date**: Mar 25, 08  
**Start time**: 00:00  
**Stop date**: Mar 25, 08  
**Stop time**: 24:00  
**City/Town**: NAPLES  
**County**: COLLIER  
**Location**: (LRT)  

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**Mar 25 Northbound Volume**

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**Mar 25 End Time**

| 15 | 231 | 243 | 238 | 258 | 258 | 257 | 188 | 157 | 132 | 100 | 73 | 23 |
| 30 | 238 | 243 | 233 | 267 | 260 | 203 | 192 | 131 | 92 | 76 | 64 | 8 |
| 45 | 226 | 266 | 256 | 244 | 227 | 187 | 175 | 131 | 88 | 65 | 50 | 10 |
| 00 | 248 | 234 | 253 | 255 | 204 | 194 | 141 | 129 | 114 | 55 | 28 | 7 |

**Mar 25 Total**

| 15 | 943 | 986 | 980 | 1024 | 949 | 841 | 696 | 546 | 426 | 296 | 195 | 98 |
| 30 | 943 | 986 | 980 | 1024 | 949 | 841 | 696 | 546 | 426 | 296 | 195 | 98 |
| 45 | 943 | 986 | 980 | 1024 | 949 | 841 | 696 | 546 | 426 | 296 | 195 | 98 |
| 00 | 943 | 986 | 980 | 1024 | 949 | 841 | 696 | 546 | 426 | 296 | 195 | 98 |

**4 Hour Total**: 11406

- **M peak hour begins**: 11:15  
- **AM peak volume**: 995  
- **Peak hour factor**: 0.91

- **M peak hour begins**: 14:30  
- **PM peak volume**: 1034  
- **Peak hour factor**: 0.97

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## Proposal 5/19/2008

Submitted To: City Of Naples Purchasing Division  
Address: 270 Riverside Circle  
Naples, FL 34102  
Contact: Gregg Strakaluse/David Rivera  
Phone: (239) 213-7100  
Fax: (239) 213-7105

### Bid Title:
Crayton Rd. Traffic Calming Whispering Pine & Crayton Ln.

### Project Location:
Whispering Pine & Crayton Ln.

### Project City, State:
Naples, FL

### Engineer/Architect:

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Attachment 4 to Exhibit A (Page 2 of 2)

Bonness Inc.
1990 Seward Avenue
Naples, Florida 34109
(239) 597-6221 • (239) 597-7416 Fax
www.bonnessinc.com

<table>
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Total Price for above Items: $65,648

Payment Terms: Payment due within 30 days of date of invoice, regardless of when payment is made by Owner

---

Accepted:
The above prices, specifications and conditions are satisfactory and hereby accepted.

Buyer: ____________________________
Signature: ________________________
Date of Acceptance: _______________

Confirmed:
Bonness Inc.

Authorized Signature: ____________________________
Estimator: Jeff Janco

5/19/2008 8:14:01 AM
IMPROVEMENT PROGRAM
FOR
SOUTH GOLF DRIVE
26JUN06

COMMUNITY GOALS: South Golf Drive, bounded on the east by U.S.41 and on the west by Gulf Shore Boulevard is experiencing the impacts of cut-thru traffic with the unsafe characteristics of higher speeds and higher truck volumes. To counter the neighborhood impacts of such traffic, interested property owners have followed the procedures set forth in the Naples Neighborhood Traffic Management Program and established the following goals to preserve and enhance the neighborhood in character, quality and value:

Reduce the speed limit on the streets to 25 MPH (Note: this goal is to encourage reduced speeds consistent with the residential character of the neighborhood).

Create Intersection Approach Islands and/or Roundabouts at the intersections of Golf Drive with 3rd Street & 7th Street (Note: this goal is to create offsets to the straight street alignment and in so doing force drivers to reduce speed, gain car control and discourage commercial cut-thru traffic).

Install Gateway Treatment at the entry from U.S.41 (Note: this goal is to send a message to drivers that they are entering a residential area and to drive accordingly for the safety of children, residents, pedestrians and bicyclists).

Others:

__________________________________________

__________________________________________
CITY OF NAPLES

PRELIMINARY SITE REVIEW OF SOUTH GOLF DRIVE
6Jul01

EXISTING RIGHT-OF-WAY CONDITIONS

ROADWAY CHARACTERISTICS:
- R/W WIDTH: 60 Feet
- PAVEMENT WIDTH: 26-28 Feet
- TRAVEL LANE: 10-11 Feet
- PATHWAY WIDTH: 5-6 Feet-North side only
- SIDEWALKS: None
- LIGHTING: Pathway only; spacing @ 200+ Feet
- PARKING: North side @ Tennis & Golf access
- SPEED LIMIT: 30 MPH
- TRAFFIC CONTROLS: No special controls
- INTERSECTIONS: 7th St. w/Ped crossing & 3rd St.
- DRAINAGE: Storm System & swales

ROADWAY USAGE:
- VEHICLES: Both cars and trucks.
- INTERMODAL: Pedestrians, bikers, etc.
- CUT-THRU ROUTE: Yes: U.S.41 – Gulf Shore Boulevard
- TRAVEL SPEED: 25-35 MPH (Classifier Study not performed)

TYPICAL ROADWAY PROBLEMS:
- CUT-THRU TRAFFIC
- LARGE TRUCKS
- SPEEDING
- PASSING
- OTHERS

ROADWAY IMPROVEMENTS PLANNED:
- SPEED REDUCTION: 25 MPH Limit
- PAVEMENT REPAIRS: Overlay from 3rd Street to Gulf Shore
- PATHWAY EXTENSION: Fill-in missing link at Gulf Shore
- R/W PARKING: Reference proposed Naples Code revisions
OVERVIEW OF TRAFFIC CALMING CONCEPTS FOR SOUTH GOLF DRIVE

BACKGROUND: In response to traffic concerns of residents, the City has undertaken traffic studies on South Golf Drive. These studies in 2002 and in 2005 identified traffic volume and trip speed. Although the studies did not identify unsafe conditions, the studies did confirm higher than normal speeds with over 40% of the traffic exceeding the 30 MPH speed limit. Consistent with the traffic studies and information provided by residents, the major concerns remain speed and safety of pedestrians/bikers. These concerns reflect the need for traffic calming goals of reduced speed and improved driver awareness of the residential character of the area.

INITIAL TRAFFIC CALMING CONCEPTS: In consideration of the above concerns and goals, the City staff reviewed site conditions with the idea of identifying physical changes to the street that would force drivers to reduce speed, gain better control of their vehicle and respect the residential character of the area. In addition to reduced speed limits and entry features, two concepts were developed involving the use of approach islands and/or roundabouts as intersection controls. Examples of the application of these intersection controls are outlined below and numbered to correspond to the attached drawings:

#1: This concept involves road widening and construction of islands to create a 'chicane' that forces drivers to deter the path of travel. Although intended to reduce speed, if properly designed the 'chicane' can change a driver's impression of the street. The pavement widening can create deterrence in either or both directions and the median island can be painted or landscaped.

#2: This concept is a roundabout with approach islands. These islands would be painted and the concept considered punitive in application by forcing reduced speeds to negotiate the roundabout (Note: due to limited right-of-way and the requirement of adequate turning radii for emergency vehicles, to implement the roundabout concepts will require pavement widening).

#3: This concept is also a roundabout with approach islands. These islands would be landscaped and function to both calm traffic and improve esthetics. The above comments on design and the need for pavement widening would apply to this concept.

#4: This concept is also a roundabout with approach islands but shown at the 3rd Street location. These approaches also function to create an off-set to substantially slow vehicle speeds.

The above concepts are intended to provide an overview of intersection operations to change drivers' habits and vehicle speeds. These devices can be placed at either intersection or both locations. Actual design of each device would dictate speed and the degree of physical control on the driver and vehicle. These and other concepts remain available for review and recommendation by residents.
Subject: Traffic Flow on S. Golf Dr.

Dear Neighbor:

A couple of neighbors here on S. Golf Dr. have been working with Mr. George Archibald, Public Works Engineering Mgr, City of Naples, in order to slow the traffic flow on S. Golf Dr. A study completed by the city indicates that said traffic flow exceeds the posted speed limit and creates dangerous situations for pedestrians, children, dog walkers, cyclists, etc.

Enclosed you will find a copy of a proposal from Mr. Archibald for the construction of traffic "calmers" and circles at the intersections of 7th St. No. and 3rd St. No. and S. Golf Dr. respectively. Not only would these constructions slow traffic on S. Golf Dr., but would enhance our residential street with green planting areas.

Enclosed you will also find a petition for your support of this proposal. If you are in agreement, please sign the petition, designating your S. Golf Dr. address and, at your earliest convenience, return the form in the enclosed self-addressed envelope.

Upon receipt of the signed petitions, Mr. Archibald will present this proposal to the Naples City Council for their approval.

Thanking you in advance for your support in making our street safer for all.

Sincerely,

Mr. & Mrs. M. Stephen
374 S. Golf Dr.
Naples

Mr. & Mrs. A. Macdonald
342 S. Golf Dr.
Naples
PUBLIC PETITION
TO
NAPLES CITY COUNCIL
FROM
RESIDENTS OF SOUTH GOLF DRIVE
FOR
TRAFFIC CALMING PROGRAM
26JUN06

The following residents hereby request the Naples City Council to review and endorse the attached Improvement Program for South Golf Drive by accepting the identified goals for mitigation of neighborhood impacts from 'cut-thru traffic' and include the projects in upcoming capital improvement programs subject to both available funding and the relative priorities elsewhere in the City for traffic calming and neighborhood enhancement:

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<td>1.</td>
<td>Donald Mercer, 270 S Golf Dr.</td>
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Resolution 08-12083

Attachment 8 to Exhibit A (Page 1 of 1)

Bonness Inc.

1990 Seward Avenue
Naples, Florida 34109
(239) 597-9221 • (239) 597-7416 Fax
www.bonnessinc.com

Proposal 5/19/2008

Submitted To: City Of Naples Purchasing Division
Address: 270 Riverside Circle
Naples, FL 34102

Estimate Number: 05702007
Bid Title: South Gulf Dr. @ 3rd ST. N. Traffic Calming (Inset #4)(Revised)

Contact: Gregg Strakula/ David Rivera
Phone: (239) 213-7100 Fax: (239) 213-7105

Project Location:

Project City, State: Naples, FL

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<td>AMBY</td>
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Total Price for above Items: $31,853.10

Payment Terms: Payment due within 30 days of date of invoice, regardless of when payment is made by Owner.

ACCEPTED:
The above prices, specifications and conditions are satisfactory and hereby accepted.

Buyer: ____________________________
Signature: ____________________________
Date of Acceptance: ____________________________

CONFIRMED:

Bonness Inc.

Authorized Signature: ____________________________
Estimator: Jeff Jancio

5/16/2008 8:53:49 AM
Attachment 11 to Exhibit A (Page 1 of 1)

IMPROVEMENT PROGRAM

FOR

22nd AVENUE NORTH-28TH AVENUE NORTH RESIDENTIAL AREA

18 May 01

COMMUNITY GOALS: The subject area, bounded on the west by U.S.41 and on the east by Goodlette-Frank Road is experiencing the adverse impacts of cut-thru traffic with the unsafe characteristics of high speed and high truck volume. To counter the neighborhood impacts of such traffic, interested property owners have followed the procedures set forth in the Naples Neighborhood Traffic Management Program over a period of months and established the following goals to preserve and enhance the neighborhood in character, quality and value:

- **Reduce the speed limit on all streets to 25 MPH** (encourage reduced speeds consistent with the residential character).

- **Create multi-way stops** on Royal Palm Drive @ 11th Street, 13th Street and 14th Street and on Diana Avenue at 13th Street and 14th Street (discourage school cut-thru traffic).

- **Provide Speed Tables with brick pavers** on 22nd Avenue, on Diana Avenue, on 26th Avenue and on 28th Avenue (discourage high speed traffic and commercial cut-thru traffic).

- **Install Gateway Treatment** at entries from U.S.41 and Goodlette-Frank Road on 22nd Avenue, Diana Avenue, 26th Avenue and 28th Avenue (enhance residential character and promote neighborhood identity for safety of children, residents, pedestrians and bicyclists).

- **Construct sidewalks** on 26th Avenue, Diana and 28th Avenue North (provide for safe movement of children and residents on streets with the highest volume of traffic).