

Lee County Board Of County Commissioners

Agenda Item Summary

Blue Sheet No. 20031024

1. REQUESTED MOTION:

ACTION REQUESTED: Approve staff recommendation to deny request for additional access to Veterans Memorial Parkway, just east of Del Prado Boulevard, at SE 16th Place.

WHY ACTION IS NECESSARY: Requests to add or modify points of access to Veterans Memorial Parkway require BoCC approval

WHAT ACTION ACCOMPLISHES: Addresses the request of the Cape Coral City Council for an additional access to Veterans Memorial Parkway.

2. DEPARTMENTAL CATEGORY:
COMMISSION DISTRICT #

A9A

3. MEETING DATE:

09-23-2003

4. AGENDA:

CONSENT
 ADMINISTRATIVE
 APPEALS

 PUBLIC
 WALK ON
 TIME REQUIRED:

5. REQUIREMENT/PURPOSE:
(Specify)

STATUTE
 ORDINANCE
 ADMIN.
 CODE AC-11-10
 OTHER

6. REQUESTOR OF INFORMATION:

A. COMMISSIONER
B. DEPARTMENT Transportation
C. DIVISION

BY: Scott M. Gilbertson, P. E.
Director

7. BACKGROUND:

In a June 3, 2003 letter from Mayor Arnold E. Kempe, the City Council of Cape Coral requested the BoCC to approve the construction of a connection from Everest Parkway to establish a new egress to Veterans Parkway at a point about 775 feet to the east of Del Prado Boulevard. This point would extend SE 16th Place to the north from Everest Parkway and allow vehicles to make a northbound right turn onto the eastbound Veterans Memorial Parkway auxiliary road of the overpass of Del Prado Boulevard. The letter from the City Council indicated that this connection would improve access to the Midpoint Memorial Bridge for the residents in the Everest Parkway area that is east of Del Prado Boulevard. The letter also cited a need to expedite access from the current Cape Coral Fire Department Station to Veterans Parkway and the Midpoint Bridge.

(Continued Page Two)

8. MANAGEMENT RECOMMENDATIONS:

9. RECOMMENDED APPROVAL:

A Department Director	B Purchasing or Contracts	C Human Resources	D Other	E County Attorney	F Budget Services				G County Manager
<i>Amelia J. Davis</i>				<i>John Brechtman 9-10-03</i>	OA <i>PK 9/11/03</i>	OM <i>JK 9/11/03</i>	Risk <i>JK 9/10/03</i>	GC <i>JK 9/10/03</i>	<i>J. ... 9/10/03</i>

10. COMMISSION ACTION:

APPROVED
 DENIED
 DEFERRED
 OTHER

Rec. by CoAtty
Date: *9/9/03*
Time: *9:30
1:20 PM*
Forwarded To:
Co. Adm.
9/9/03 4:00 PM

RECEIVED BY
COUNTY ADMIN
11-479
11 4:45 PM
COUNTY ADMIN
FORWARDED TO: *PL*
9-11-03
4:30

A similar request was examined in 1999 at the request of a member of the Cape Coral City Council. A presentation was made to the City Council as to the concerns and opinions that DOT staff had regarding this request. This request was not pursued any further by the City Council

The BoCC designated the Veterans Memorial Parkway as an expressway in 1998. The City Council of Cape Coral affirmed the expressway designation by the BoCC. As a result of this designation, any additions or modifications to the approved access points require action by a super majority of the BoCC.

A study by staff has been performed and is attached as background material. From this study, staff is recommending that this request be denied on the following basis:

1. A relatively low volume of traffic would use the access point.
2. The presence of the ingress would introduce a point of conflict with insufficient stopping, sight, and merging distance into an existing heavy flow of traffic that would likely result in crashes
3. The presence of such an ingress to Veterans Memorial Parkway will likely encourage additional motorists to turn right from Del Prado Boulevard at SE 26th Street and use SE 26th Street/SE 16th Place to avoid the queue of right turning traffic northbound at Del Prado and Veteran Parkway. This will cause additional cut through traffic in a fringe residential area and potential result in increased rear end crashes on Del Prado at SE 26th Street involving northbound right turning vehicles or increased crashes at Everest Parkway and SE 16th Place
4. The movement of Fire Department vehicles from Everest Parkway to access the eastbound lanes is possible at present in two manners by either traveling to Del Prado and turning right onto Veterans Parkway, or in the case of an extreme emergency, by traveling against the relatively low volume of traffic using the egress ramp from Veterans Parkway to Everest Parkway. If the Fire Station is relocated to the northwest corner of SE 16th Place and Everest Parkway, direct access to Veterans Parkway auxiliary road will be possible without need to use a ramp.

Memorandum
DEPARTMENT OF TRANSPORTATION
Traffic Section

To: Scott M. Gilbertson, P.E.

From: John A. Davis, P.E., PTOE

BCM-44-03

Date: September 3, 2003

RE: Connection From Everest Parkway to Veteran's Memorial Parkway

In a June 3, 2003 letter from Mayor Arnold E. Kempe, the City Council of Cape Coral requested the BoCC to approve the construction of a connection from Everest Parkway to establish a new egress to Veterans Parkway at a point about 775 feet to the east of Del Prado Boulevard. This point would extend SE 16th Place to the north from Everest Parkway and allow vehicles to make a northbound right turn onto the eastbound Veterans Memorial Parkway auxiliary road of the overpass of Del Prado Boulevard. The letter from the City Council indicated that this connection would improve access to the Midpoint Memorial Bridge for the residents in the Everest Parkway area that is east of Del Prado Boulevard. The letter also cited a need to expedite access from the current Cape Coral Fire Department Station to Veterans Parkway and the Midpoint Bridge.

A similar request was examined in 1999 at the request of a member of the Cape Coral City Council. A presentation was made to the City Council as to the concerns and opinions that DOT staff had regarding this request. This request was not pursued any further by the City Council.

The BoCC designated the Veterans Memorial Parkway as an expressway in 1998. The City Council of Cape Coral affirmed the expressway designation by the BoCC. As a result of this designation, any additions or modifications to the approved access points require action by a super majority of the BoCC.

Review of Conditions

In order to evaluate the request, a review of the existing conditions for traffic flow was performed. The suggested geometry was evaluated as well as an alternative scheme. Traffic control conditions were considered for a Yield condition and a Stop condition. These two schemes are shown in an attachment. A cost estimate was also made of the two schemes, and is included in the attached material. The following were revealed:

1. Traffic volumes were monitored during the week of August 11, 2003 during the heavier travel periods of the day. Turning movements at SE 26th St and Del Prado Blvd were collected as well as the northbound right turning volume at Del Prado and Veterans Parkway. Counts were also made of the number of westbound vehicles turning right from SE 26th Street onto Del Prado and then making the right turn at Veterans Parkway to travel east towards the Midpoint Memorial Bridge. Data was also collected as to the number of south vehicles making a U-turn at SE 26th Street. Any conflicts were noted that might have involved a U-turning vehicle and a westbound vehicle at this same location turning right. The results of this data collection effort are as shown in the following table.

Table No. 1 – Right Turning Volumes at SE 26th Street and Del Prado

Time Period	Volume of SE 26 th Street Right Turning Vehicles turning RIGHT Northbound at Veterans Pkwy	Westbound Right Turn Volume at SE 26 th Street	% of SE 26 th St Right Turning Vehicles turning RIGHT Northbound at Veterans Pkwy	Northbound Right Turn Volume at Del Prado and Veterans Pkwy	% of Northbound Right Turn Traffic on Del Prado at Veterans Pkwy COMING from SE 26 th Street
AM Peak (6:45 – 7:45 AM)	69	262	26%	592	12%
Mid-Day Peak (12 – 1 PM)	28	151	19%	332	8%
PM Peak (4 – 5 PM)	18	133	14%	292	6%

Table No. 2 – Southbound U-Turn Conflicts At SE 26th Street and Del Prado

Time Period	U-Turn Conflicts With WB Right Turns	Total Southbound U-Turns	Total WB Right Turns
AM Peak (6:45 – 7:45 AM)	14	36	262
Mid-Day Peak (12 – 1 PM)	11	57	151
PM Peak (4 – 5 PM)	16	59	133

2. The physical conditions of the location were examined for both schemes to determine:
 - a. Stopping sight distance needed for vehicles on the auxiliary road of Veteran's Parkway coming eastbound from Del Prado.
 - b. Sight distance needs for vehicle turning right from the proposed connection.
 - c. Distances for vehicles from Del Prado and from those vehicles entering from the proposed connection to merge to one lane of traffic.
 - d. The review, which considered a travel speed of 40 MPH and 35 MPH on the auxiliary road of Veterans Parkway, revealed the distance shown in the attached table. From this review, the following can be concluded:
 - i. The distance that this point is east of Del Prado is insufficient to insure a vehicle making a right turn can reach such a speed as to avoid being overtaken by vehicles eastbound traveling from Del Prado along the auxiliary road (ramp). The likely result is a right angle, sideswipe or rear end crash involving the right turning vehicle and the vehicle already on the roadway. Another potential collision type

- would be a rear end crash involving two vehicles on the auxiliary road where one slowed to avoid a collision with a right turning vehicle and the following vehicle did not react in time.
- ii. The sight distance looking to the west is also insufficient to judge gaps in traffic in order to enter the traffic stream.
 - iii. The distance from this proposed entry point, to the end of the auxiliary road, is insufficient for right-turning vehicles to reach travel speeds in order to successfully merge into one lane with eastbound traffic from Del Prado. The distance is also not sufficient to construct an acceleration travel speed of 35 MPH.
3. A review of traffic crashes along this segment of Veterans Parkway and at Del Prado and SE 26th St. for the past three years revealed that:
 - a. No crashes were reported in the past three years on the eastbound auxiliary road of Veterans Parkway, just east of Del Prado Blvd.
 - b. The presence of the ingress would introduce a point of conflict into an existing heavy flow of traffic that would likely result in crashes due to the conditions described previously related to stopping, sight, and merging distances.
 - c. Three reported crashes involving U-turning southbound on Del Prado Blvd at SE 26th St. Only one such reported crash involved a vehicle coming from SE 26th St.
 4. The presence of such an ingress to Veterans Memorial Parkway will likely encourage additional motorists to turn right from Del Prado Boulevard at SE 26th Street and use SE 26th Street/SE 16th Place to avoid the queue of right turning traffic northbound at Del Prado and Veteran Parkway. This will cause additional cut through traffic in a fringe residential area and potential result in increased crashes on Del Prado at SE 26th Street involving right turning vehicles or crashes at Everest Parkway and SE 16th Place.
 5. The movement of Fire Department vehicles from Everest Parkway to access the eastbound lanes is possible at present in two manners either by traveling to Del Prado and then turning right onto Veterans Parkway, or in the event of an extreme emergency, by traveling against the relatively low volume of traffic using the egress ramp from Veterans Parkway to Everest Parkway. If the Fire Station is relocated to the northeast corner of SE 16th Place and Everest Parkway, direct access to Veterans Parkway auxiliary road will be possible without need to use a ramp or construction of the proposed connection.
 6. The estimated costs of the two schemes are:
 - a. Suggested scheme (Large radius): \$415,000
Involves:
 - Impacting existing canal by filling, replacing sheet pile wall and extending drainage outfall pipes
 - Realignment of existing noise wall
 - b. Alternate scheme (Small radius): \$142,000
Involves:
 - No impacts on existing canal
 - Realignment of existing noise wall
 - Requires Stop control

Scott M. Gilbertson, P.E.
September 3, 2003
Page Four

Recommendations

From a review of existing traffic conditions, staff is recommending that this request be denied on the following basis:

1. A relatively low volume of traffic would use the access point.
2. The presence of the ingress would introduce a point of conflict with insufficient stopping, sight, and merging distance into an existing heavy flow of traffic that would likely result in crashes.
3. The presence of such an ingress to Veterans Memorial Parkway will likely encourage additional motorists to turn right from Del Prado Boulevard at SE 26th Street and use SE 26th Street/SE 16th Place to avoid the queue of right turning traffic northbound at Del Prado and Veteran Parkway. This will cause additional cut through traffic in a fringe residential area and potential result in increased crashes on Del Prado at SE 26th Street involving right turning vehicles or crashes at Everest Parkway and SE 16th Place.
4. The movement of Fire Department vehicles from Everest Parkway to access the eastbound lanes is possible at present in two manners by either traveling to Del Prado and turning right onto Veterans Parkway, or in the case of an extreme emergency, by traveling against the relatively low volume of traffic using the egress ramp from Veterans Parkway to Everest Parkway. If the Fire Station is relocated to the northwest corner of SE 16th Place and Everest Parkway, direct access to Veterans Parkway will be possible without need to use a ramp.

JAD/

Attachments

Cc: Paul W. Wingard, P.E.
Location File

Table No. 3 - Stopping, Sight, and Merging Distances for Proposed Connection from Everest Parkway to Veterans Parkway

Sight Distance Looking to the West for right turn at Ramp

Condition	Need		Available	Difference		Adequate?	
	at 40 mph	at 35 mph		at 40 mph	at 35 mph	at 40 mph	at 35 mph
Stop Control	750	580	600	-150	20	NO	Marginal
Yield Control	630	520	750	120	230	Yes	Yes

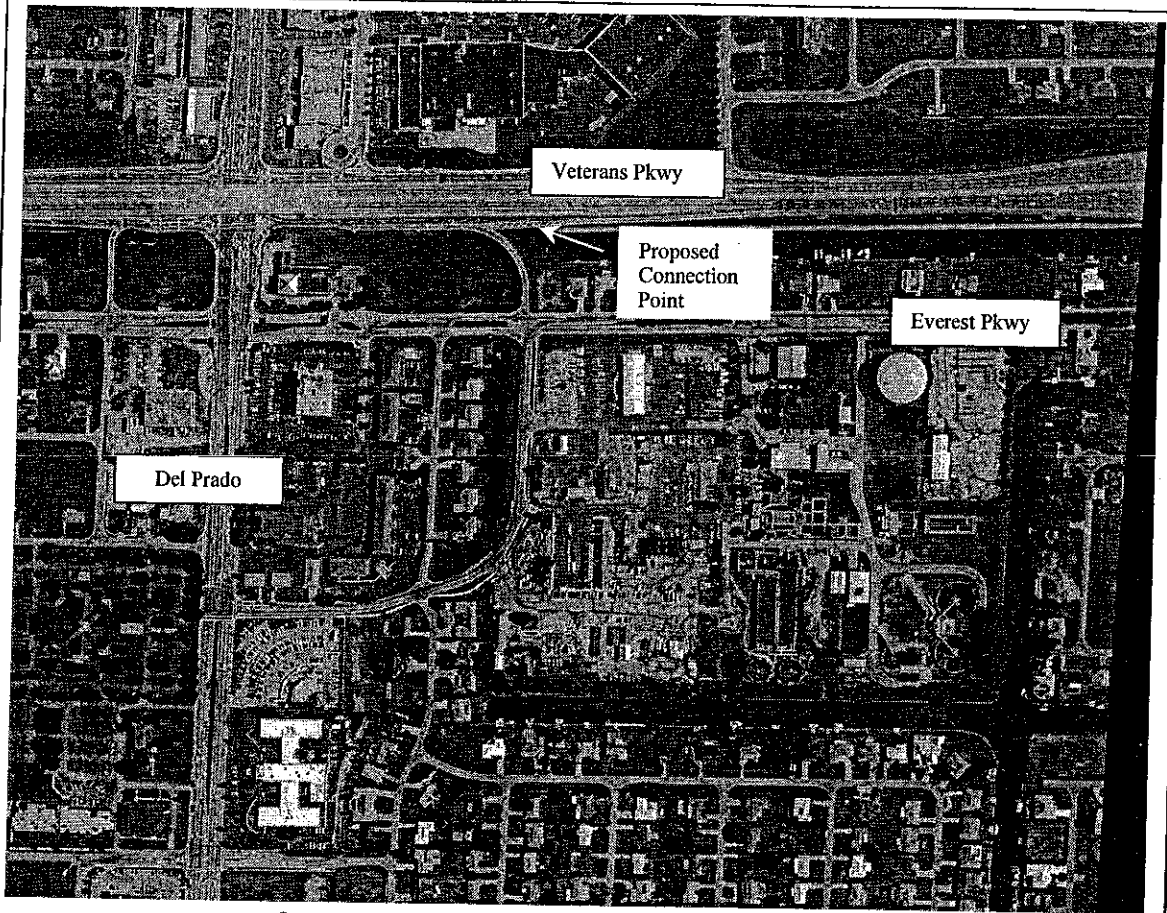
Merge of Del Prado traffic from two lanes to one

Condition	Need	Available	Difference	Adequate?
Stop Control	680	680	0	Marginal
Yield Control	680	560	-120	NO

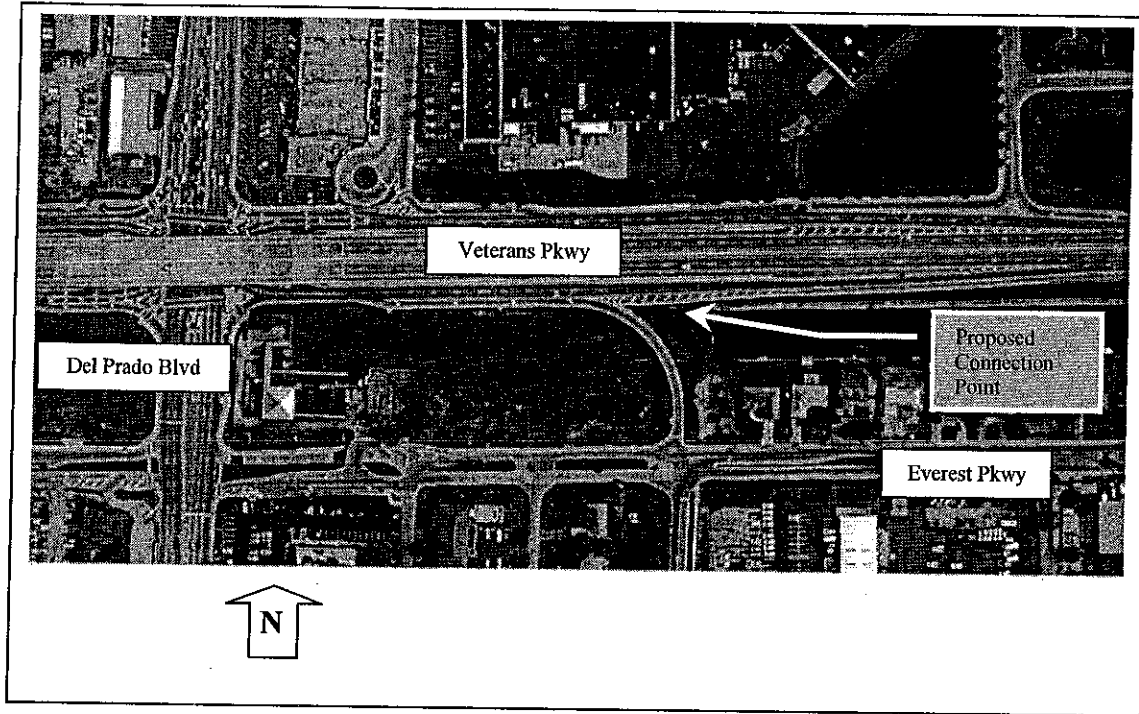
Distance for acceleration lane merge for right turn from Ramp onto Veterans Pkwy

Condition	Need	Available	Difference	Adequate?
Stop Control	750	680	-70	NO
Yield Control	750	560	-190	NO

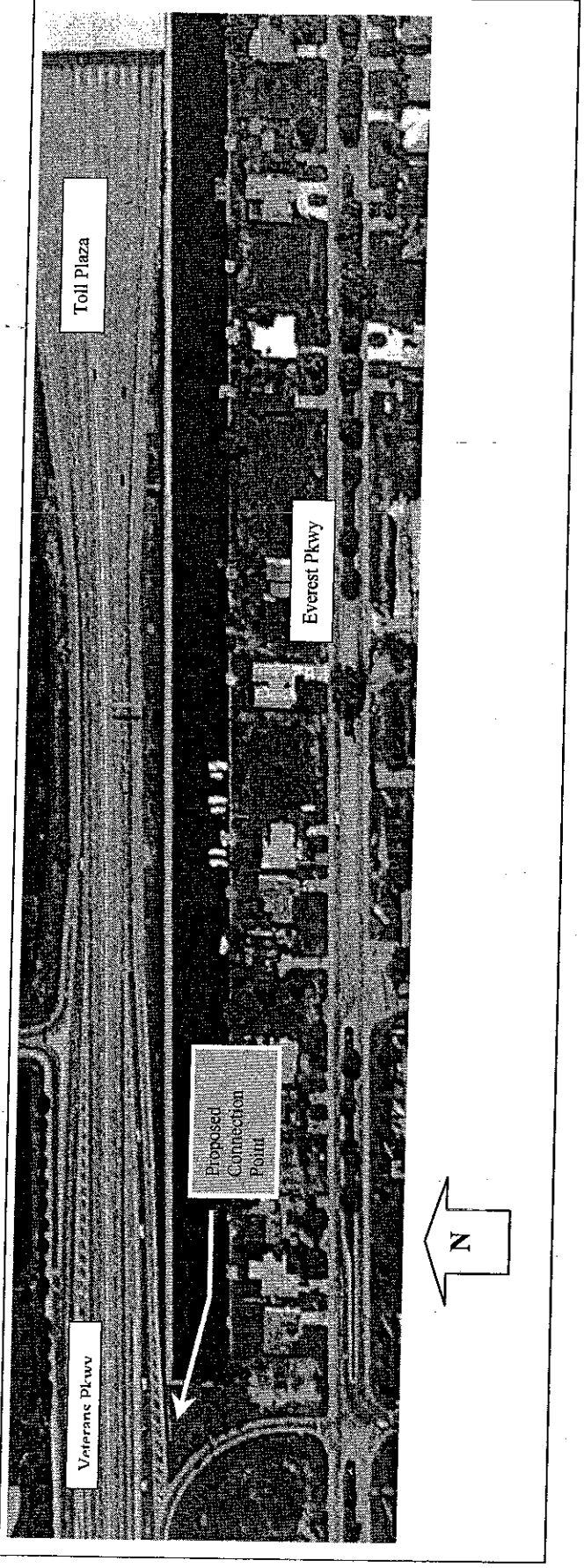
Location Map
Southwest Quadrant of Del Prado Boulevard and Veterans Memorial Parkway



Location Map –
Veterans Memorial Parkway, Eastbound Auxiliary Road, east from Del Prado Boulevard



Location Map -
Veterans Memorial Parkway, Eastbound Auxiliary Road, east from Del Prado Boulevard



Toll Plaza

Everest Pkwy

Proposed
Connection
Point

Veterans Pkwy



Mid - Point



City of Cape Coral

June 3, 2003

Honorable Ray Judah, Chairman and
Members of the Lee County Board of Commissioners
P.O. Box 398
Ft. Myers, FL 33902

Re: Mid Point Bridge/Everest Parkway Entrance Ramp

Gentlemen:

The City Council by unanimous vote, is now requesting Lee County to approve the construction of a ramp for east bound traffic from Everest on to Veterans Parkway, generally as depicted in the diagram attached and made a part hereof. Not only will this facilitate traffic movement, from the Everest Parkway area for east bound traffic on to the Mid Point Bridge, this proposed ramp would expedite service from Fire Station #3 to accidents and other emergencies in the east bound lane of the Mid Point Bridge. In addition to improved traffic movement and public safety on the east bound lane on the Mid Point Bridge, it also would mitigate the insistence of the residents in the Everest Parkway area for better access for that area. Accordingly, the City requests that Lee County approve the construction of this needed traffic access improvement.

The County's early response and approval of this matter will be greatly appreciated.

Very truly yours,

Arnold E. Kempe,
Mayor

REC'D JUN - 9 2003

Cc: Council Members
City Manager

cc: Scott Gilbertson, DOT
Paul Wingard, DOT
John Clous, Traffic

8/18/2003

DELPRADO@VETERANS

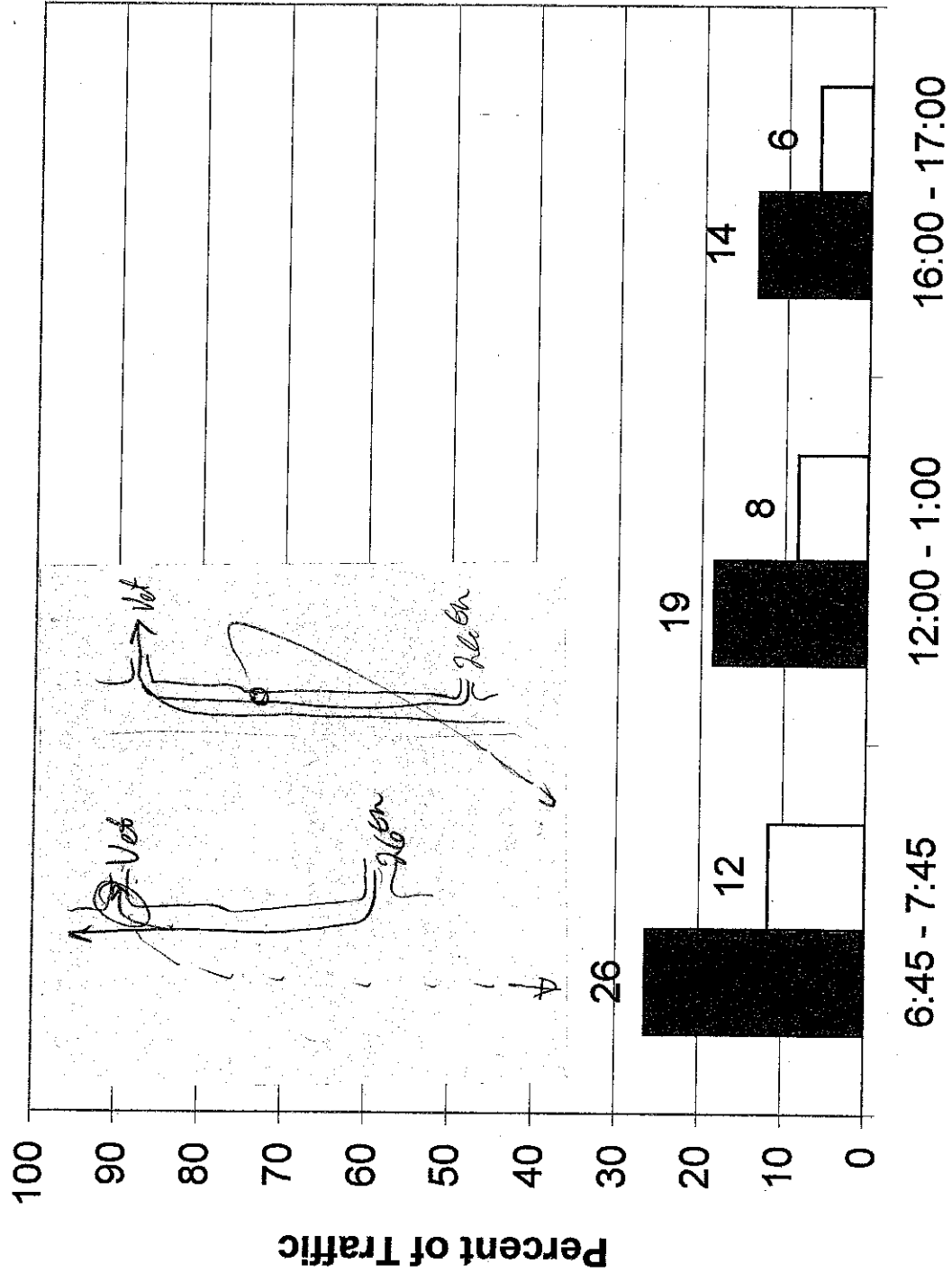
DELPRADO@SE26th

DELPRADO@VETERANS

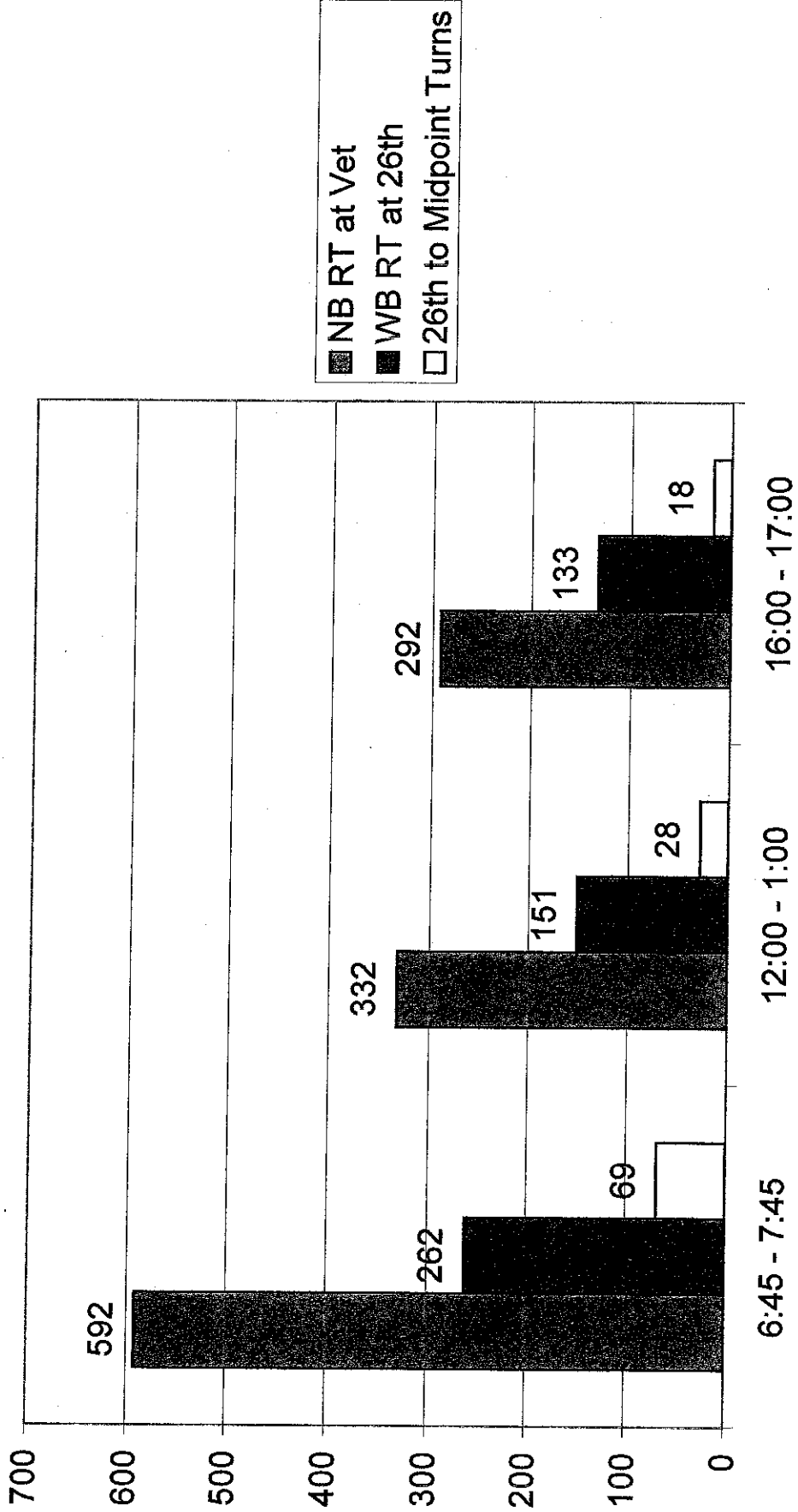
% of traffic
NBRT
from 26th
St

TIME	NBR	WBR	WB to Midpoint	% WB to Midpoint	% of traffic NBRT from 26th St
6:30	156	34	15	44	10
6:45	111	56	20	36	18
7:00	160	60	17	28	11
7:15	165	83	17	20	10
7:30	156	63	15	24	10
7:45	118	43	9	21	8
8:00	111	53	12	23	11
8:15	108	48	10	21	9
8:30	129	36	11	31	9
8:45	102	34	7	21	7
11:30	88	44	5	11	6
11:45	78	26	12	46	15
12:00	91	35	12	34	13
12:15	88	38	4	11	5
12:30	65	46	2	4	3
12:45	88	32	10	31	11
13:00	74	39	3	8	4
13:15	80	43	2	5	3
15:30	86	59	11	19	13
15:45	77	38	5	13	6
16:00	68	28	4	14	6
16:15	85	35	6	17	7
16:30	81	30	6	20	7
16:45	58	40	2	5	3
17:00	38	35	8	23	21
17:15	30	28	7	25	23
17:30	65	26	4	15	6
17:45	42	44	8	18	19
					11

SE 26th Traffic to Midpoint Bridge



Del Prado and Veterans Access Hourly Turning Volumes



8/18/2003

DELPRADO@VETERANS

DELPRADO@SE26th

DELPRADO@VETERANS

TIME	NBR	WBR	WB to Midpoint	% WB to Midpoint	% of traffic NBRT from 26th St	SB U-turn Conflicts	SB U-turns
6:30	156	34	15	44	10	0	7
6:45	111	56	20	36	18	1	16
7:00	160	60	17	28	11	4	10
7:15	165	83	17	20	10	3	6
7:30	156	63	15	24	10	2	7
7:45	118	43	9	21	8	5	13
8:00	111	53	12	23	11	3	2
8:15	108	48	10	21	9	1	9
8:30	129	36	11	31	9	2	7
8:45	102	34	7	21	7	1	13
11:30	88	44	5	11	6	3	21
11:45	78	26	12	46	15	1	11
12:00	91	35	12	34	13	2	18
12:15	88	38	4	11	5	3	10
12:30	65	46	2	4	3	5	12
12:45	88	32	10	31	11	1	17
13:00	74	39	3	8	4	3	13
13:15	80	43	2	5	3	5	14
15:30	86	59	11	19	13	7	26
15:45	77	38	5	13	6	3	12
16:00	68	28	4	14	6	3	13
16:15	85	35	6	17	7	3	8
16:30	81	30	6	20	7	1	12
16:45	58	40	2	5	3	4	12
17:00	38	35	8	23	21	3	6
17:15	30	28	7	25	23	2	8
17:30	65	26	4	15	6	1	14
17:45	42	44	8	18	19	5	12

=====[Report #1 DATE/TIME/VOLUME/AVG SPEED/TEMP]=====

Hi-Star ID: 1524 Begin: 08/12/03 00:00 End: 08/13/03 00:00
 Route: DELPRADO@SE 26 TER Lane: WBL Hours : 24 hrs
 Loc/Sta DELPRADO@SE 26 TER Oper: KJM Period: 15 min
 City: CAPE CORAL, FL Posted: 30 mph Raw Count: 1191
 County: LEE AADT Factor: 1.00 AADT Count: 1191

Day	Date	Time	Count	Avg Sp (mph)	Temp (F)	Wx
Wed	08/12/03	00:00	2	NA	NA	
	08/12/03	00:15	2	NA	NA	
	08/12/03	00:30	0	NA	NA	
	08/12/03	00:45	3	NA	NA	
	08/12/03	01:00	2	NA	NA	
	08/12/03	01:15	0	NA	NA	
	08/12/03	01:30	0	NA	NA	
	08/12/03	01:45	2	NA	NA	
	08/12/03	02:00	1	NA	NA	
	08/12/03	02:15	6	NA	NA	
	08/12/03	02:30	0	NA	NA	
	08/12/03	02:45	0	NA	NA	
	08/12/03	03:00	0	NA	NA	
	08/12/03	03:15	1	NA	NA	
	08/12/03	03:30	1	NA	NA	
	08/12/03	03:45	0	NA	NA	
	08/12/03	04:00	0	NA	NA	
	08/12/03	04:15	1	NA	NA	
	08/12/03	04:30	1	NA	NA	
	08/12/03	04:45	1	NA	NA	
	08/12/03	05:00	2	NA	NA	
	08/12/03	05:15	3	NA	NA	
	08/12/03	05:30	2	NA	NA	
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	08/12/03	06:30	19	NA	NA	
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	08/12/03	07:00	16	NA	NA	
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	08/12/03	08:30	13	NA	NA	
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	08/12/03	10:15	21	NA	NA	
	08/12/03	10:30	15	NA	NA	
	08/12/03	10:45	21	NA	NA	

=====
 [Report #1 DATE/TIME/VOLUME/AVG SPEED/TEMP]
 =====

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 =====

Day	Date	Time	Count	Avg Sp (mph)	Temp (F)	Wx
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	08/12/03	11:15	27	NA	NA	
	08/12/03	11:30	23	NA	NA	
	08/12/03	11:45	21	NA	NA	
	08/12/03	12:00	25	NA	NA	
	08/12/03	12:15	20	NA	NA	
	08/12/03	12:30	16	NA	NA	
	08/12/03	12:45	18	NA	NA	
	08/12/03	13:00	17	NA	NA	
	08/12/03	13:15	21	NA	NA	
	08/12/03	13:30	24	NA	NA	
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	08/12/03	14:00	19	NA	NA	
	08/12/03	14:15	17	NA	NA	
	08/12/03	14:30	23	NA	NA	
	08/12/03	14:45	21	NA	NA	
	08/12/03	15:00	27	NA	NA	
	08/12/03	15:15	17	NA	NA	
	08/12/03	15:30	26	NA	NA	
	08/12/03	15:45	22	NA	NA	
	08/12/03	16:00	17	NA	NA	
	08/12/03	16:15	20	NA	NA	
	08/12/03	16:30	19	NA	NA	
	08/12/03	16:45	24	NA	NA	
	08/12/03	17:00	19	NA	NA	
	08/12/03	17:15	19	NA	NA	
	08/12/03	17:30	23	NA	NA	
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	08/12/03	19:45	6	NA	NA	
	08/12/03	20:00	13	NA	NA	
	08/12/03	20:15	9	NA	NA	
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	08/12/03	20:45	15	NA	NA	
	08/12/03	21:00	3	NA	NA	
	08/12/03	21:15	11	NA	NA	
	08/12/03	21:30	8	NA	NA	
	08/12/03	21:45	6	NA	NA	

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 =====

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=====
 Day Date Time Count Avg Sp(mph) Temp (F) Wx
 =====

	08/12/03	22:00	17	NA	NA	
	08/12/03	22:15	4	NA	NA	
	08/12/03	22:30	5	NA	NA	
	08/12/03	22:45	3	NA	NA	
	08/12/03	23:00	3	NA	NA	
	08/12/03	23:15	2	NA	NA	
	08/12/03	23:30	1	NA	NA	
	08/12/03	23:45	1	NA	NA	

=====
 [Report #1 DATE/TIME/VOLUME/AVG SPEED/TEMP]
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Hi-Star ID: 5825 Begin: 08/12/03 00:00 End: 08/13/03 00:00
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 City: CAPE CORAL, FL Posted: 30 mph Raw Count: 2066
 County: LEE AADT Factor: 1.00 AADT Count: 2066

Day	Date	Time	Count	Avg Sp(mph)	Temp (F)	Wx
Wed	08/12/03	00:00	2	0	84	DRY
	08/12/03	00:15	0	0	84	DRY
	08/12/03	00:30	2	0	84	DRY
	08/12/03	00:45	2	0	84	DRY
	08/12/03	01:00	0	0	84	DRY
	08/12/03	01:15	0	0	84	DRY
	08/12/03	01:30	0	0	82	DRY
	08/12/03	01:45	1	0	82	DRY
	08/12/03	02:00	0	0	82	DRY
	08/12/03	02:15	5	0	82	DRY
	08/12/03	02:30	0	0	82	DRY
	08/12/03	02:45	1	0	82	DRY
	08/12/03	03:00	0	0	82	DRY
	08/12/03	03:15	0	0	82	DRY
	08/12/03	03:30	0	0	80	DRY
	08/12/03	03:45	1	0	80	DRY
	08/12/03	04:00	0	0	80	DRY
	08/12/03	04:15	1	0	80	DRY
	08/12/03	04:30	1	0	80	DRY
	08/12/03	04:45	0	0	80	DRY
	08/12/03	05:00	2	0	80	DRY
	08/12/03	05:15	5	0	80	DRY
	08/12/03	05:30	1	0	80	DRY
	08/12/03	05:45	7	0	80	DRY
	08/12/03	06:00	16	0	80	DRY
	08/12/03	06:15	23	0	80	DRY
	08/12/03	06:30	33	0	80	DRY
	08/12/03	06:45	75	0	82	DRY
	08/12/03	07:00	29	0	82	DRY
	08/12/03	07:15	20	0	82	DRY
	08/12/03	07:30	32	0	82	DRY
	08/12/03	07:45	56	0	84	DRY
	08/12/03	08:00	23	0	84	DRY
	08/12/03	08:15	23	0	88	DRY
	08/12/03	08:30	19	0	90	DRY
	08/12/03	08:45	36	0	92	DRY
	08/12/03	09:00	48	0	96	DRY
	08/12/03	09:15	38	0	98	DRY
	08/12/03	09:30	23	0	99	DRY
	08/12/03	09:45	33	0	101	DRY
	08/12/03	10:00	38	0	103	DRY
	08/12/03	10:15	25	0	105	DRY
	08/12/03	10:30	30	0	107	DRY
	08/12/03	10:45	40	0	111	DRY

==== [Report #1 DATE/TIME/VOLUME/AVG SPEED/TEMP] =====

Hi-Star ID: 5825 Begin: 08/12/03 00:00 End: 08/13/03 00:00
 Route: DELPRADO@SE 26 TER Lane: SBL Hours : 24 hrs
 Loc/Sta DELPRADO@SE 26 TER Oper: KJM Period: 15 min
 City: CAPE CORAL, FL Posted: 30 mph Raw Count: 2066
 County: LEE AADT Factor: 1.00 AADT Count: 2066

Day	Date	Time	Count	Avg Sp(mph)	Temp (F)	Wx
	08/12/03	11:00	58	0	111	DRY
	08/12/03	11:15	49	0	111	DRY
	08/12/03	11:30	39	0	115	DRY
	08/12/03	11:45	35	0	121	DRY
	08/12/03	12:00	47	0	121	DRY
	08/12/03	12:15	35	0	123	DRY
	08/12/03	12:30	40	0	125	DRY
	08/12/03	12:45	37	0	129	DRY
	08/12/03	13:00	30	0	131	DRY
	08/12/03	13:15	40	0	131	DRY
	08/12/03	13:30	38	0	135	DRY
	08/12/03	13:45	35	0	131	DRY
	08/12/03	14:00	37	0	133	DRY
	08/12/03	14:15	33	0	131	DRY
	08/12/03	14:30	33	0	131	DRY
	08/12/03	14:45	39	0	129	DRY
	08/12/03	15:00	36	0	123	DRY
	08/12/03	15:15	37	0	119	DRY
	08/12/03	15:30	38	0	109	DRY
	08/12/03	15:45	66	0	109	DRY
	08/12/03	16:00	26	0	101	DRY
	08/12/03	16:15	34	0	105	DRY
	08/12/03	16:30	36	0	107	DRY
	08/12/03	16:45	33	0	109	DRY
	08/12/03	17:00	30	0	109	DRY
	08/12/03	17:15	24	0	111	DRY
	08/12/03	17:30	34	0	111	DRY
	08/12/03	17:45	37	0	107	DRY
	08/12/03	18:00	31	0	103	DRY
	08/12/03	18:15	26	0	98	DRY
	08/12/03	18:30	17	0	94	DRY
	08/12/03	18:45	23	0	92	DRY
	08/12/03	19:00	17	0	92	DRY
	08/12/03	19:15	18	0	90	DRY
	08/12/03	19:30	19	0	90	DRY
	08/12/03	19:45	11	0	90	DRY
	08/12/03	20:00	17	0	90	DRY
	08/12/03	20:15	22	0	88	DRY
	08/12/03	20:30	21	0	90	DRY
	08/12/03	20:45	13	0	90	DRY
	08/12/03	21:00	7	0	88	DRY
	08/12/03	21:15	13	0	88	DRY
	08/12/03	21:30	9	0	88	DRY
	08/12/03	21:45	4	0	88	DRY

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 [Report #1 DATE/TIME/VOLUME/AVG SPEED/TEMP]
 =====

Hi-Star ID: 5825 Begin: 08/12/03 00:00 End: 08/13/03 00:00
 Route: DELPRADO@SE 26 TER Lane: SBL Hours : 24 hrs
 Loc/Sta DELPRADO@SE 26 TER Oper: KJM Period: 15 min
 City: CAPE CORAL, FL Posted: 30 mph Raw Count: 2066
 County: LEE AADT Factor: 1.00 AADT Count: 2066

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Day	Date	Time	Count	Avg Sp (mph)	Temp (F)	Wx
	08/12/03	22:00	14	0	88	DRY
	08/12/03	22:15	6	0	86	DRY
	08/12/03	22:30	7	0	86	DRY
	08/12/03	22:45	5	0	86	DRY
	08/12/03	23:00	11	0	86	DRY
	08/12/03	23:15	6	0	86	DRY
	08/12/03	23:30	1	0	86	DRY
	08/12/03	23:45	1	0	86	DRY

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 [Report #1 DATE/TIME/VOLUME/AVG SPEED/TEMP]
 =====

Hi-Star ID: 1281	Begin: 08/18/03 00:00	End: 08/19/03 00:00
Route: DELPRADO BLVD	Lane: NBR	Hours : 24 hrs
Loc/Sta @ VETEEANS PKWY	Oper: KJM	Period: 15 min
City: CAPE CORAL, FL	Posted: 30 mph	Raw Count: 4707
County: LEE	AADT Factor: 1.00	AADT Count: 4707

Day	Date	Time	Count	Avg Sp (mph)	Temp (F)	Wx
Tue	08/18/03	00:00	8	NA	NA	
	08/18/03	00:15	1	NA	NA	
	08/18/03	00:30	5	NA	NA	
	08/18/03	00:45	2	NA	NA	
	08/18/03	01:00	4	NA	NA	
	08/18/03	01:15	2	NA	NA	
	08/18/03	01:30	2	NA	NA	
	08/18/03	01:45	1	NA	NA	
	08/18/03	02:00	2	NA	NA	
	08/18/03	02:15	4	NA	NA	
	08/18/03	02:30	2	NA	NA	
	08/18/03	02:45	5	NA	NA	
	08/18/03	03:00	2	NA	NA	
	08/18/03	03:15	4	NA	NA	
	08/18/03	03:30	2	NA	NA	
	08/18/03	03:45	6	NA	NA	
	08/18/03	04:00	5	NA	NA	
	08/18/03	04:15	11	NA	NA	
	08/18/03	04:30	12	NA	NA	
	08/18/03	04:45	9	NA	NA	
	08/18/03	05:00	11	NA	NA	
	08/18/03	05:15	22	NA	NA	
	08/18/03	05:30	25	NA	NA	
	08/18/03	05:45	32	NA	NA	
	08/18/03	06:00	51	NA	NA	
	08/18/03	06:15	66	NA	NA	
	08/18/03	06:30	156	NA	NA	
	08/18/03	06:45	111	NA	NA	
	08/18/03	07:00	160	NA	NA	
	08/18/03	07:15	165	NA	NA	
	08/18/03	07:30	156	NA	NA	
	08/18/03	07:45	118	NA	NA	
	08/18/03	08:00	111	NA	NA	
	08/18/03	08:15	108	NA	NA	
	08/18/03	08:30	129	NA	NA	
	08/18/03	08:45	102	NA	NA	
	08/18/03	09:00	84	NA	NA	
	08/18/03	09:15	76	NA	NA	
	08/18/03	09:30	95	NA	NA	
	08/18/03	09:45	96	NA	NA	
	08/18/03	10:00	85	NA	NA	
	08/18/03	10:15	84	NA	NA	
	08/18/03	10:30	95	NA	NA	
	08/18/03	10:45	97	NA	NA	

=====[Report #1 DATE/TIME/VOLUME/AVG SPEED/TEMP]=====

Hi-Star ID: 1281	Begin: 08/18/03 00:00	End: 08/19/03 00:00
Route: DELPRADO BLVD	Lane: NBR	Hours : 24 hrs
Loc/Sta @ VETEEANS PKWY	Oper: KJM	Period: 15 min
City: CAPE CORAL, FL	Posted: 30 mph	Raw Count: 4707
County: LEE	AADT Factor: 1.00	AADT Count: 4707

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Day	Date	Time	Count	Avg Sp(mph)	Temp (F)	Wx
	08/18/03	11:00	78	NA	NA	
	08/18/03	11:15	72	NA	NA	
	08/18/03	11:30	88	NA	NA	
	08/18/03	11:45	78	NA	NA	
	08/18/03	12:00	91	NA	NA	
	08/18/03	12:15	88	NA	NA	
	08/18/03	12:30	65	NA	NA	
	08/18/03	12:45	88	NA	NA	
	08/18/03	13:00	74	NA	NA	
	08/18/03	13:15	80	NA	NA	
	08/18/03	13:30	104	NA	NA	
	08/18/03	13:45	69	NA	NA	
	08/18/03	14:00	79	NA	NA	
	08/18/03	14:15	85	NA	NA	
	08/18/03	14:30	92	NA	NA	
	08/18/03	14:45	82	NA	NA	
	08/18/03	15:00	99	NA	NA	
	08/18/03	15:15	91	NA	NA	
	08/18/03	15:30	86	NA	NA	
	08/18/03	15:45	77	NA	NA	
	08/18/03	16:00	68	NA	NA	
	08/18/03	16:15	85	NA	NA	
	08/18/03	16:30	81	NA	NA	
	08/18/03	16:45	58	NA	NA	
	08/18/03	17:00	38	NA	NA	
	08/18/03	17:15	30	NA	NA	
	08/18/03	17:30	65	NA	NA	
	08/18/03	17:45	42	NA	NA	
	08/18/03	18:00	34	NA	NA	
	08/18/03	18:15	34	NA	NA	
	08/18/03	18:30	13	NA	NA	
	08/18/03	18:45	8	NA	NA	
	08/18/03	19:00	4	NA	NA	
	08/18/03	19:15	11	NA	NA	
	08/18/03	19:30	10	NA	NA	
	08/18/03	19:45	10	NA	NA	
	08/18/03	20:00	11	NA	NA	
	08/18/03	20:15	8	NA	NA	
	08/18/03	20:30	12	NA	NA	
	08/18/03	20:45	9	NA	NA	
	08/18/03	21:00	13	NA	NA	
	08/18/03	21:15	10	NA	NA	
	08/18/03	21:30	6	NA	NA	
	08/18/03	21:45	10	NA	NA	

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 [Report #1 DATE/TIME/VOLUME/AVG SPEED/TEMP]
 =====

Hi-Star ID: 1281	Begin: 08/18/03 00:00	End: 08/19/03 00:00
Route: DELPRADO BLVD	Lane: NBR	Hours : 24 hrs
Loc/Sta @ VETEEANS PKWY	Oper: KJM	Period: 15 min
City: CAPE CORAL, FL	Posted: 30 mph	Raw Count: 4707
County: LEE	AADT Factor: 1.00	AADT Count: 4707

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Day	Date	Time	Count	Avg Sp(mph)	Temp (F)	Wx
	08/18/03	22:00	11	NA	NA	
	08/18/03	22:15	10	NA	NA	
	08/18/03	22:30	5	NA	NA	
	08/18/03	22:45	7	NA	NA	
	08/18/03	23:00	3	NA	NA	
	08/18/03	23:15	1	NA	NA	
	08/18/03	23:30	4	NA	NA	
	08/18/03	23:45	6	NA	NA	

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=====[Report #1 DATE/TIME/VOLUME/AVG SPEED/TEMP]=====

Hi-Star ID: 1279	Begin: 08/12/03 00:00	End: 08/13/03 00:00
Route: SE 17 AVE	Lane: SB	Hours : 24 hrs
Loc/Sta @ EVEREST PKEY	Oper: KJM	Period: 15 min
City: CAPE CORAL, FL	Posted: 30 mph	Raw Count: 1567
County: LEE	AADT Factor: 1.00	AADT Count: 1567

Day	Date	Time	Count	Avg Sp (mph)	Temp (F)	Wx
Wed	08/12/03	00:00	1	NA	NA	
	08/12/03	00:15	2	NA	NA	
	08/12/03	00:30	0	NA	NA	
	08/12/03	00:45	0	NA	NA	
	08/12/03	01:00	3	NA	NA	
	08/12/03	01:15	0	NA	NA	
	08/12/03	01:30	1	NA	NA	
	08/12/03	01:45	0	NA	NA	
	08/12/03	02:00	1	NA	NA	
	08/12/03	02:15	2	NA	NA	
	08/12/03	02:30	0	NA	NA	
	08/12/03	02:45	1	NA	NA	
	08/12/03	03:00	0	NA	NA	
	08/12/03	03:15	0	NA	NA	
	08/12/03	03:30	0	NA	NA	
	08/12/03	03:45	1	NA	NA	
	08/12/03	04:00	0	NA	NA	
	08/12/03	04:15	0	NA	NA	
	08/12/03	04:30	0	NA	NA	
	08/12/03	04:45	1	NA	NA	
	08/12/03	05:00	1	NA	NA	
	08/12/03	05:15	1	NA	NA	
	08/12/03	05:30	2	NA	NA	
	08/12/03	05:45	2	NA	NA	
	08/12/03	06:00	7	NA	NA	
	08/12/03	06:15	3	NA	NA	
	08/12/03	06:30	11	NA	NA	
	08/12/03	06:45	27	NA	NA	
	08/12/03	07:00	16	NA	NA	
	08/12/03	07:15	12	NA	NA	
	08/12/03	07:30	12	NA	NA	
	08/12/03	07:45	30	NA	NA	
	08/12/03	08:00	26	NA	NA	
	08/12/03	08:15	14	NA	NA	
	08/12/03	08:30	15	NA	NA	
	08/12/03	08:45	19	NA	NA	
	08/12/03	09:00	18	NA	NA	
	08/12/03	09:15	32	NA	NA	
	08/12/03	09:30	14	NA	NA	
	08/12/03	09:45	18	NA	NA	
	08/12/03	10:00	12	NA	NA	
	08/12/03	10:15	24	NA	NA	
	08/12/03	10:30	14	NA	NA	
	08/12/03	10:45	20	NA	NA	

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 [Report #1 DATE/TIME/VOLUME/AVG SPEED/TEMP]
 =====

Hi-Star ID: 1279	Begin: 08/12/03 00:00	End: 08/13/03 00:00
Route: SE 17 AVE	Lane: SB	Hours : 24 hrs
Loc/Sta @ EVEREST PKEY	Oper: KJM	Period: 15 min
City: CAPE CORAL, FL	Posted: 30 mph	Raw Count: 1567
County: LEE	AADT Factor: 1.00	AADT Count: 1567

Day	Date	Time	Count	Avg Sp (mph)	Temp (F)	Wx
	08/12/03	11:00	26	NA	NA	
	08/12/03	11:15	26	NA	NA	
	08/12/03	11:30	26	NA	NA	
	08/12/03	11:45	25	NA	NA	
	08/12/03	12:00	20	NA	NA	
	08/12/03	12:15	33	NA	NA	
	08/12/03	12:30	23	NA	NA	
	08/12/03	12:45	20	NA	NA	
	08/12/03	13:00	25	NA	NA	
	08/12/03	13:15	30	NA	NA	
	08/12/03	13:30	30	NA	NA	
	08/12/03	13:45	30	NA	NA	
	08/12/03	14:00	26	NA	NA	
	08/12/03	14:15	21	NA	NA	
	08/12/03	14:30	32	NA	NA	
	08/12/03	14:45	32	NA	NA	
	08/12/03	15:00	21	NA	NA	
	08/12/03	15:15	28	NA	NA	
	08/12/03	15:30	19	NA	NA	
	08/12/03	15:45	49	NA	NA	
	08/12/03	16:00	33	NA	NA	
	08/12/03	16:15	21	NA	NA	
	08/12/03	16:30	36	NA	NA	
	08/12/03	16:45	45	NA	NA	
	08/12/03	17:00	46	NA	NA	
	08/12/03	17:15	40	NA	NA	
	08/12/03	17:30	30	NA	NA	
	08/12/03	17:45	37	NA	NA	
	08/12/03	18:00	40	NA	NA	
	08/12/03	18:15	34	NA	NA	
	08/12/03	18:30	30	NA	NA	
	08/12/03	18:45	16	NA	NA	
	08/12/03	19:00	22	NA	NA	
	08/12/03	19:15	14	NA	NA	
	08/12/03	19:30	18	NA	NA	
	08/12/03	19:45	14	NA	NA	
	08/12/03	20:00	19	NA	NA	
	08/12/03	20:15	10	NA	NA	
	08/12/03	20:30	22	NA	NA	
	08/12/03	20:45	26	NA	NA	
	08/12/03	21:00	16	NA	NA	
	08/12/03	21:15	11	NA	NA	
	08/12/03	21:30	18	NA	NA	
	08/12/03	21:45	17	NA	NA	

=====
 [Report #1 DATE/TIME/VOLUME/AVG SPEED/TEMP]
 =====

Hi-Star ID: 1279	Begin: 08/12/03 00:00	End: 08/13/03 00:00
Route: SE 17 AVE	Lane: SB	Hours : 24 hrs
Loc/Sta @ EVEREST PKEY	Oper: KJM	Period: 15 min
City: CAPE CORAL, FL	Posted: 30 mph	Raw Count: 1567
County: LEE	AADT Factor: 1.00	AADT Count: 1567

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Day	Date	Time	Count	Avg Sp (mph)	Temp (F)	Wx
	08/12/03	22:00	8	NA	NA	
	08/12/03	22:15	8	NA	NA	
	08/12/03	22:30	7	NA	NA	
	08/12/03	22:45	5	NA	NA	
	08/12/03	23:00	5	NA	NA	
	08/12/03	23:15	6	NA	NA	
	08/12/03	23:30	4	NA	NA	
	08/12/03	23:45	4	NA	NA	

=====
 [Report #1 DATE/TIME/VOLUME/AVG SPEED/TEMP]
 =====

Hi-Star ID: 1281 Begin: 08/12/03 00:00 End: 08/13/03 00:00
 Route: DELPRADO@SE 26 TER Lane: WBR Hours : 24 hrs
 Loc/Sta DELPRADO@SE 26 TER Oper: KJM Period: 15 min
 City: CAPE CORAL, FL Posted: 30 mph Raw Count: 2396
 County: LEE AADT Factor: 1.00 AADT Count: 2396

=====
 Day Date Time Count Avg Sp(mph) Temp (F) Wx
 =====

Day	Date	Time	Count	Avg Sp(mph)	Temp (F)	Wx
Wed	08/12/03	00:00	4	NA	NA	
	08/12/03	00:15	1	NA	NA	
	08/12/03	00:30	2	NA	NA	
	08/12/03	00:45	0	NA	NA	
	08/12/03	01:00	1	NA	NA	
	08/12/03	01:15	0	NA	NA	
	08/12/03	01:30	2	NA	NA	
	08/12/03	01:45	1	NA	NA	
	08/12/03	02:00	0	NA	NA	
	08/12/03	02:15	0	NA	NA	
	08/12/03	02:30	4	NA	NA	
	08/12/03	02:45	0	NA	NA	
	08/12/03	03:00	0	NA	NA	
	08/12/03	03:15	0	NA	NA	
	08/12/03	03:30	1	NA	NA	
	08/12/03	03:45	1	NA	NA	
	08/12/03	04:00	2	NA	NA	
	08/12/03	04:15	1	NA	NA	
	08/12/03	04:30	2	NA	NA	
	08/12/03	04:45	1	NA	NA	
	08/12/03	05:00	2	NA	NA	
	08/12/03	05:15	10	NA	NA	
	08/12/03	05:30	14	NA	NA	
	08/12/03	05:45	13	NA	NA	
	08/12/03	06:00	15	NA	NA	
	08/12/03	06:15	26	NA	NA	
	08/12/03	06:30	34	NA	NA	
	08/12/03	06:45	56	NA	NA	
	08/12/03	07:00	60	NA	NA	
	08/12/03	07:15	83	NA	NA	
	08/12/03	07:30	63	NA	NA	
	08/12/03	07:45	43	NA	NA	
	08/12/03	08:00	53	NA	NA	
	08/12/03	08:15	48	NA	NA	
	08/12/03	08:30	36	NA	NA	
	08/12/03	08:45	34	NA	NA	
	08/12/03	09:00	38	NA	NA	
	08/12/03	09:15	35	NA	NA	
	08/12/03	09:30	57	NA	NA	
	08/12/03	09:45	39	NA	NA	
	08/12/03	10:00	43	NA	NA	
	08/12/03	10:15	48	NA	NA	
	08/12/03	10:30	35	NA	NA	
	08/12/03	10:45	45	NA	NA	

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 [Report #1 DATE/TIME/VOLUME/AVG SPEED/TEMP]
 =====

Hi-Star ID: 1281 Begin: 08/12/03 00:00 End: 08/13/03 00:00
 Route: DELPRADO@SE 26 TER Lane: WBR Hours : 24 hrs
 Loc/Sta DELPRADO@SE 26 TER Oper: KJM Period: 15 min
 City: CAPE CORAL, FL Posted: 30 mph Raw Count: 2396
 County: LEE AADT Factor: 1.00 AADT Count: 2396

Day	Date	Time	Count	Avg Sp(mph)	Temp (F)	Wx
	08/12/03	11:00	35	NA	NA	
	08/12/03	11:15	41	NA	NA	
	08/12/03	11:30	44	NA	NA	
	08/12/03	11:45	26	NA	NA	
	08/12/03	12:00	35	NA	NA	
	08/12/03	12:15	38	NA	NA	
	08/12/03	12:30	46	NA	NA	
	08/12/03	12:45	32	NA	NA	
	08/12/03	13:00	39	NA	NA	
	08/12/03	13:15	43	NA	NA	
	08/12/03	13:30	32	NA	NA	
	08/12/03	13:45	30	NA	NA	
	08/12/03	14:00	35	NA	NA	
	08/12/03	14:15	27	NA	NA	
	08/12/03	14:30	34	NA	NA	
	08/12/03	14:45	46	NA	NA	
	08/12/03	15:00	44	NA	NA	
	08/12/03	15:15	50	NA	NA	
	08/12/03	15:30	59	NA	NA	
	08/12/03	15:45	38	NA	NA	
	08/12/03	16:00	28	NA	NA	
	08/12/03	16:15	35	NA	NA	
	08/12/03	16:30	30	NA	NA	
	08/12/03	16:45	40	NA	NA	
	08/12/03	17:00	35	NA	NA	
	08/12/03	17:15	28	NA	NA	
	08/12/03	17:30	26	NA	NA	
	08/12/03	17:45	44	NA	NA	
	08/12/03	18:00	30	NA	NA	
	08/12/03	18:15	22	NA	NA	
	08/12/03	18:30	27	NA	NA	
	08/12/03	18:45	30	NA	NA	
	08/12/03	19:00	19	NA	NA	
	08/12/03	19:15	22	NA	NA	
	08/12/03	19:30	25	NA	NA	
	08/12/03	19:45	14	NA	NA	
	08/12/03	20:00	30	NA	NA	
	08/12/03	20:15	26	NA	NA	
	08/12/03	20:30	21	NA	NA	
	08/12/03	20:45	12	NA	NA	
	08/12/03	21:00	12	NA	NA	
	08/12/03	21:15	7	NA	NA	
	08/12/03	21:30	9	NA	NA	
	08/12/03	21:45	20	NA	NA	

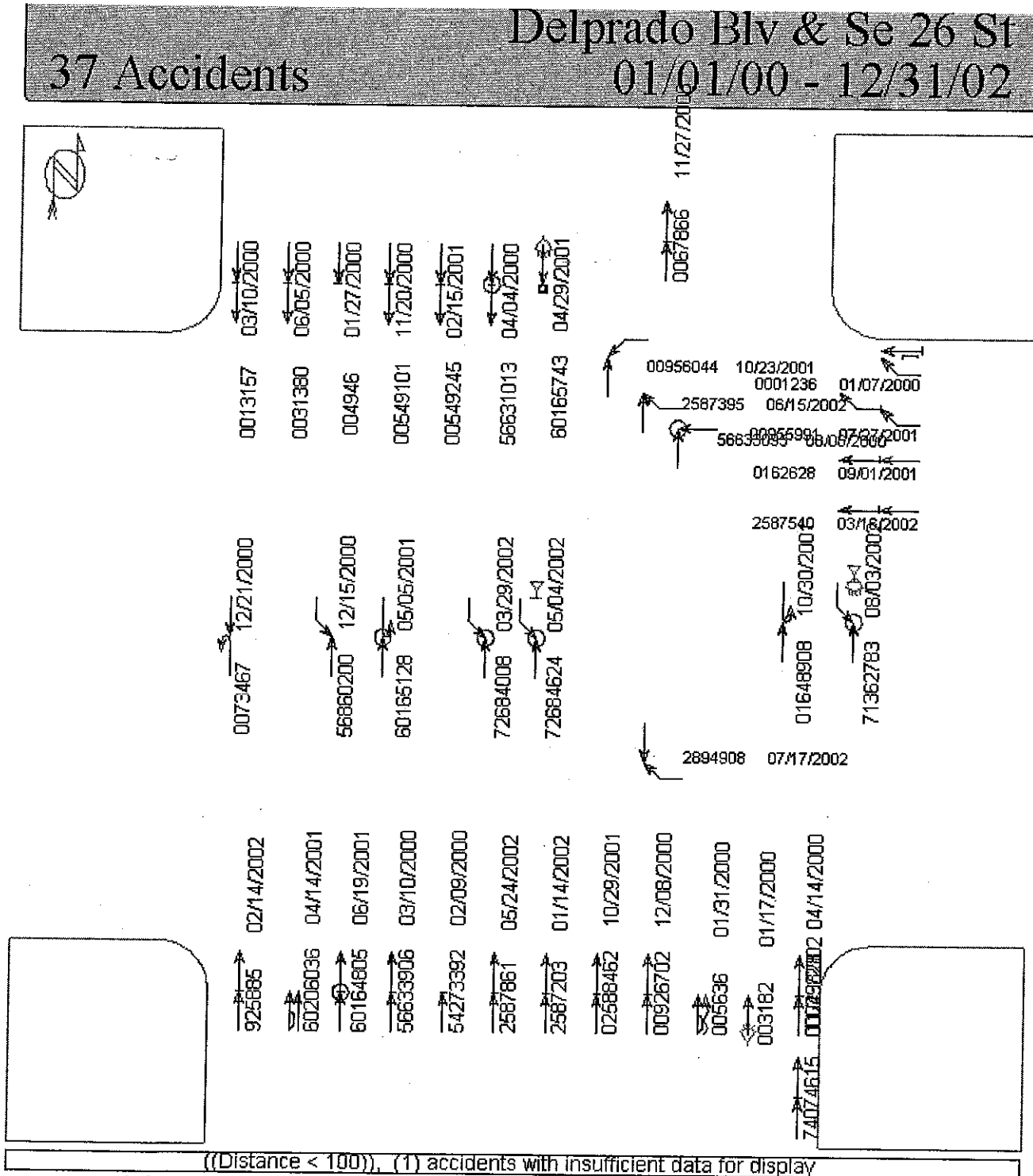
=====
 [Report #1 DATE/TIME/VOLUME/AVG SPEED/TEMP]
 =====

Hi-Star ID: 1281	Begin: 08/12/03 00:00	End: 08/13/03 00:00
Route: DELPRADO@SE 26 TER	Lane: WBR	Hours : 24 hrs
Loc/Sta DELPRADO@SE 26 TER	Oper: KJM	Period: 15 min
City: CAPE CORAL, FL	Posted: 30 mph	Raw Count: 2396
County: LEE	AADT Factor: 1.00	AADT Count: 2396

Day	Date	Time	Count	Avg Sp(mph)	Temp (F)	Wx
	08/12/03	22:00	33	NA	NA	
	08/12/03	22:15	8	NA	NA	
	08/12/03	22:30	8	NA	NA	
	08/12/03	22:45	11	NA	NA	
	08/12/03	23:00	5	NA	NA	
	08/12/03	23:15	4	NA	NA	
	08/12/03	23:30	5	NA	NA	
	08/12/03	23:45	3	NA	NA	

Del Prado Boulevard and SE 26th Street Crash History

A review of traffic crashes at the intersection of Del Prado Boulevard and SE 26th Street indicated that there has been three reported crashes involving southbound U-turning vehicles during the past three years. On one of those involved a vehicle turning left from SE 26th Street. The other two involved northbound through vehicles.



((Distance < 100)), (1) accidents with insufficient data for display

- | | | | |
|--------------|------------------|--------------|----------------|
| ← Straight | ▭ Parked | × Pedestrian | Fixed objects: |
| ← Stopped | ⚡ Erratic | ⊗ Bicycle | □ General |
| ← Unknown | ⚡ Out of control | ○ Injury | ▣ Signal |
| ↔ Backing | ↗ Right turn | ⊙ Fatality | ▣ Tree |
| ↔ Overtaking | ↖ Left turn | 🌙 Nighttime | ▣ Pole |
| ↔ Sideswipe | ↰ U-turn | ⚠ DUI | ▣ Curb |
| | | | ▣ Animal |
| | | | ◁ 3rd vehicle |
| | | | * Extra data |

**ENGINEERS ESTIMATE
FOR
EVEREST PARKWAY EASTBOUND ACCESS RAMP AT SE 17TH AVE
(per homeowners association sketch)**

DESCRIPTION	AMOUNT
MOBILIZATION	\$ 14,450.00
MAINTENANCE OF TRAFFIC	\$ 5,780.00
EROSION CONTROL AND CLEARING AND GRUBBING	\$8,200.00
EARTHWORK	\$5,600.00
PAVEMENT	\$25,769.67
DRAINAGE	\$ 16,434.00
SIGNING AND MARKING	\$ 1,478.75
LIGHTING & SIGNAL ITEMS	\$ 3,700.00
UTILITY	\$ -
SHEET PILE & NOISE WALLS	\$228,159.00
SUB-TOTAL	\$ 309,571.42
CONTINGENCY 20%	\$ 61,914.28
TOTAL CONSTRUCTION	\$ 371,485.70
SURVEY	\$ 4,896.00
COUNTY LANDS	\$ -
DESIGN (Civil + Structures)	\$ 20,320.00
PERMITS	\$ 6,120.00
INSPECTION	\$ 12,000.00
subtotal	\$ 414,821.70
SAY	\$ 415,000.00

assumptions

Ramp to have stop condition at Veterans Parkway

No turning lanes on Everest Parkway

Realign portion of existing noise wall

Impacts on existing canal. Replace sheet pile wall and extend drainage outfall pipes

Location of noise wall and sheet pile wall to allow future acceleration lane on Veterans Parkway

**ENGINEERS ESTIMATE
FOR
EVEREST PARKWAY EASTBOUND ACCESS RAMP AT SE 17TH AVE (ALTERNATE OPTION)
(avoid impacts on existing canal)**

DESCRIPTION	AMOUNT
MOBILIZATION	\$ 4,250.00
MAINTENANCE OF TRAFFIC	\$ 4,250.00
EROSION CONTROL AND CLEARING AND GRUBBING	\$6,380.00
EARTHWORK	\$5,600.00
PAVEMENT	\$25,769.67
DRAINAGE	\$ 5,874.00
SIGNING AND MARKING	\$ 1,478.75
LIGHTING & SIGNAL ITEMS	\$ 3,700.00
UTILITY	\$ -
NOISE WALL	\$35,800.00
SUB-TOTAL	\$ 93,102.42
CONTINGENCY 20%	\$ 18,620.48
TOTAL CONSTRUCTION	\$ 111,722.90
SURVEY	\$ 4,896.00
COUNTY LANDS	\$ -
DESIGN (Civil)	\$ 7,520.00
PERMITS	\$ 6,120.00
INSPECTION	\$ 12,000.00
subtotal	\$ 142,258.90
SAY	\$ 142,000.00

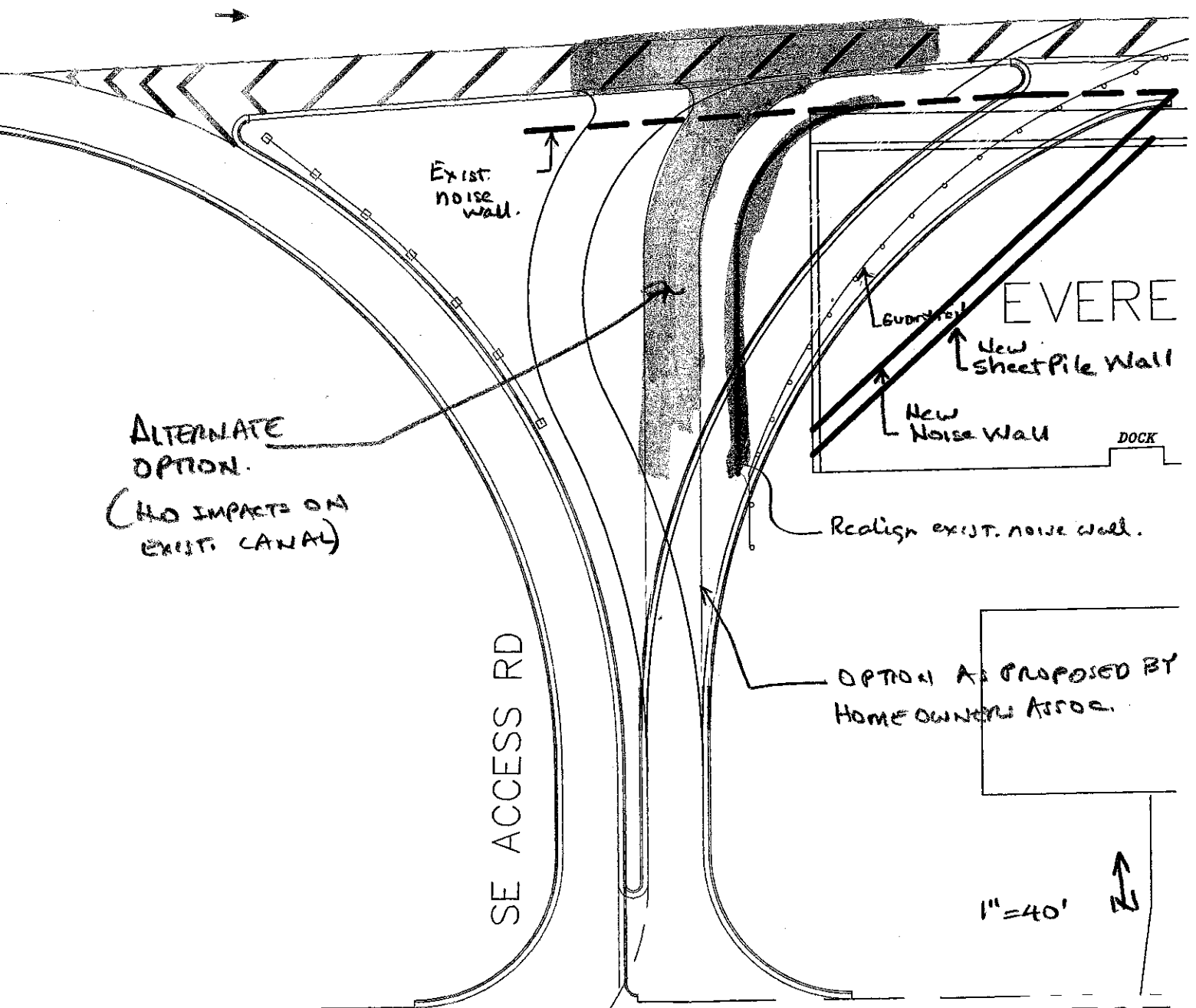
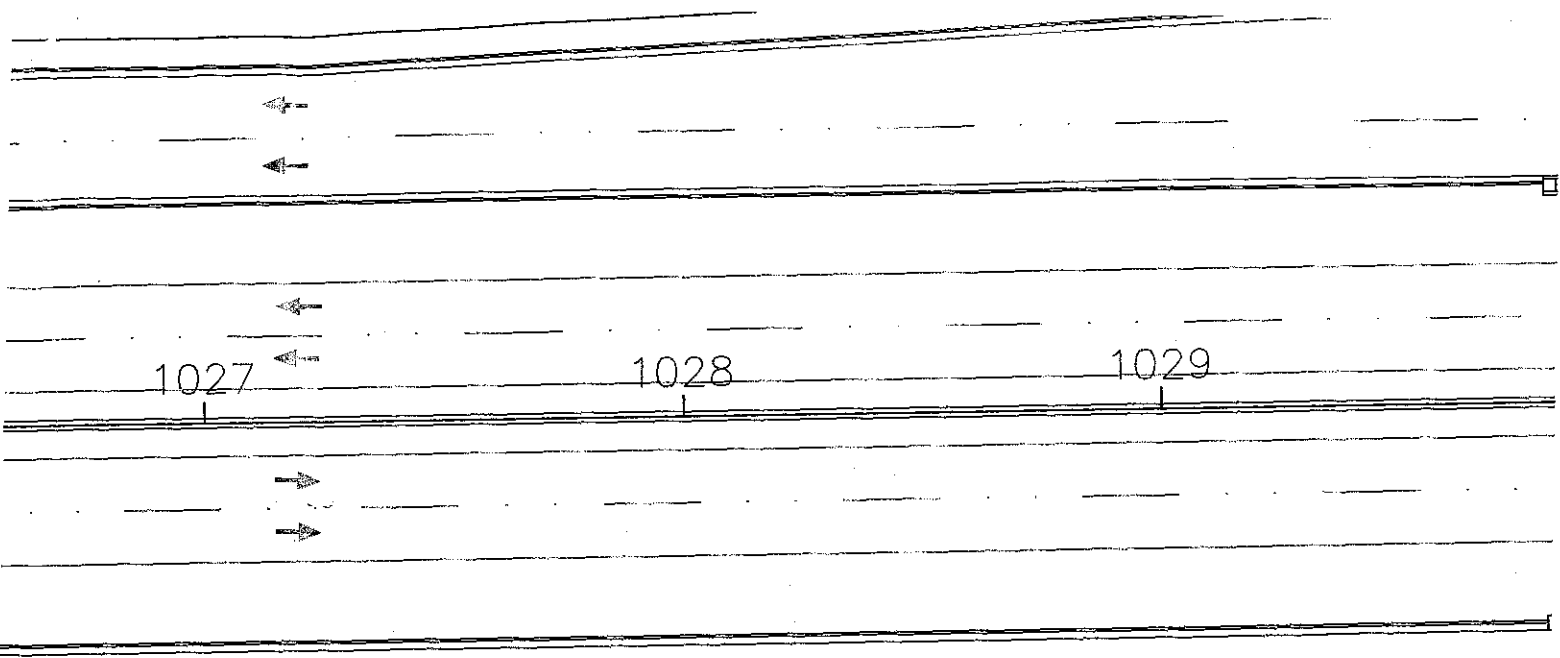
assumptions

Ramp to have stop condition at Veterans Parkway

No turning lanes on Everest Parkway

Realign portion of existing noise wall

No impacts on existing canal.



ALTERNATE
OPTION.
(NO IMPACTS ON
EXIST. CANAL)

Exist.
noise
wall.

EVERE

New
Sheet Pile Wall

New
Noise Wall

DOCK

Realign exist. noise wall.

OPTION AS PROPOSED BY
HOME OWNERS ASSOC.

SE ACCESS RD

1"=40'

EVEREST