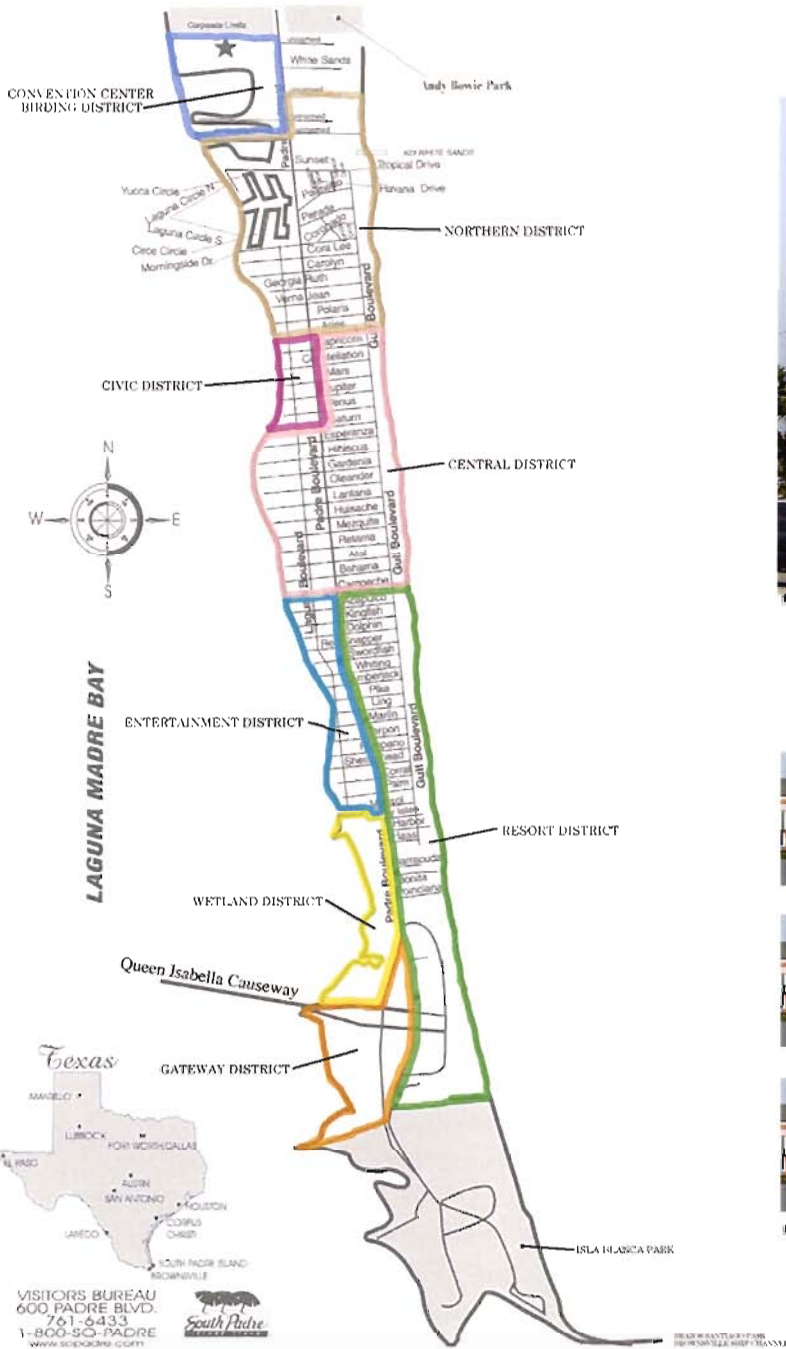




# Traffic Engineering Study

## Town of Padre Island, Texas

### Padre Boulevard Haas Street to Swordfish Street





# Halff Associates

ENGINEERS • ARCHITECTS • SCIENTISTS  
PLANNERS • SURVEYORS

**September 7, 2004**

**Mr. Dewey Cashwell, Jr.**  
City Manager, South Padre Island  
P.O. Box 3410  
4501 Padre Blvd.  
South Padre Island, TX 78597

**AVO: 22330**

**Subject: A Comprehensive Traffic Engineering Study for Padre Blvd.**

Dear Mr. Cashwell:

Halff Associates is pleased to submit to you the final report for a Comprehensive Traffic Engineering Study for Padre Blvd. The report includes two schematic plans for improving traffic flow and safety on Padre Blvd. between Haas Street and Swordfish Street. In addition, the report lists important recommendations for access management, off street parking, goods and services loading and unloading stalls, and sidewalks design and location.

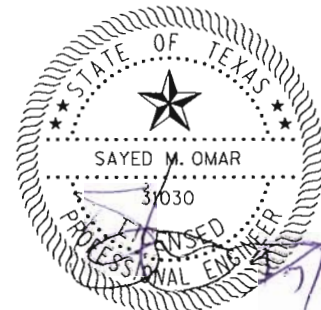
We have also recommended a four-stage plan for implementing the Padre Blvd. Improvements. It includes field surveys, generation of preliminary plans, initiating public participation program and Town's Aldermen approval of the plan, and preparation of final engineering and landscaping plans and construction specification.

We have enjoyed serving the Town as your traffic engineers. We also appreciate your cooperation and the Town's staff input during the study period.

Sincerely,

**Halff Associates, Inc.**

  
**Sayed M. Omar, P.E.**  
**Project Manager**



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## Overview

The Town of South Padre Island retained Halff Associates to conduct a traffic engineering study to improve mobility and traffic safety along a 14-block section of Padre Blvd. between Haas Street and Swordfish Street. This study reviewed existing and on-going studies, historical traffic data counts from TxDOT- Pharr District, and traffic accident occurrence and frequencies for the past three years. Alternative scenarios for access management and street design for Padre Blvd. were generated. A recommended strategy for improving traffic operation, access to abutting properties and circulation within the project limits was then presented to the Town staff for review and final approval by the Town's Board of Aldermen.

South Padre Island is a resort community located in the Rio Grande Valley of Texas on the Gulf of Mexico. The Island is 30 miles long and varies in width from one-quarter to a half-mile across. The island is linked to the mainland at Port Isabel, Texas, by Queen Isabella Causeway, a 2.5-mile 4-lane bridge. The construction of the existing causeway was completed in 1974. Padre Blvd. is the main access road within the island. It runs 5.5 miles in the north-south direction bisecting the town. Two other major north-south streets, Gulf Blvd. and Laguna Blvd., serve the island.

The land development pattern in South Padre Island is uniquely shaped. The Gulf-side of the island is dominated by high rise condominiums. The Bay-side is dominated by a combination of condominiums, hotels, restaurants, and the entertainment district. Commercial developments, civic and government services front Padre Blvd, occupying approximately 200 to 300-foot deep lots. The remaining area between Gulf Blvd. and Laguna Blvd. is made up of vacant lots, residential, and mixed land use developments.

This traffic engineering study builds on the results of the *Comprehensive Strategic Plan*. The main objectives of this traffic engineering study are:

1. **Enhance the Town's mobility** by coordinating the movements of vehicles, pedestrians, delivery trucks, bicycles and buses into a smooth and efficient operation along Padre Blvd.
2. **Promote safety and minimize conflict** by properly designing Padre Blvd. to support all modes of transportation and implementing a practical and acceptable strategy for access management.
3. **Accommodate pro-growth initiatives** by endorsing an early accessibility and circulation strategy for Padre Blvd. that encourages new development, supports the Town's Economic Development Plan and maintain the vitality of the existing economic base for the Island.

## Review Existing Studies

The on-going 2<sup>nd</sup> *Causeway Crossing Study* conducted by TxDOT – Pharr District is designed to examine the need for and the potential location of a 2<sup>nd</sup> access point to and from South Padre Island. The study will also examine the need for and determine the location of a replacement bridge for the existing Queen Isabella Memorial Causeway. The *Community Enhancement Plan* for South Padre Island sponsored by the Economic Development Corporation was completed in September 2003. It provided proactive planning and development guidelines designed to preserve, maintain and enhance the unique assets of the Island. The findings and the recommendations in the two studies were incorporated into this study.

This study also made use of historical daily and annual traffic counts taken by TxDOT – Pharr District at the permanent counting station in Port Isabel from 1989 to 2002. Traffic trends, peak hour traffic volume, and directional distribution of traffic on the causeway were reviewed. Recent accident statistics compiled by the Department of Public Safety was received and analyzed by location, type of accident and severity of accidents. The review of existing studies and analysis of traffic and accident data are incorporated in **Technical Memorandum # 1**, a copy of which is included in **Appendix 1**.

The following is a summary of significant findings from the analysis and review of historical traffic data, and existing and on-going studies:

1. The existing Causeway crossing carried a yearly average daily traffic of 21,700 VPD. The projected average daily traffic on the existing Causeway for a No-Build Alternative will increase by approximately 50% to 75% in the year 2030 and year 2040, respectively. The analysis also showed the need for a new crossing by the year 2010 when a LOS “F” is projected for the existing Causeway crossing.
2. The existing Causeway crossing will reach its design life expectancy in the next 15-20 years and will need replacement. Future traffic projections to and from South Padre Island indicate the need for a second crossing connecting the Island to the mainland.
3. In the 2<sup>nd</sup> Causeway Study, it was reported that a growth rate of 2.54% occurred between 1989 and 2002. However, the study projected that future traffic growth will assume a more moderate rate of 1.58% per year from 2002 to 2040 because the growth rate will tend to decline as the area becomes more built out.
4. Historical traffic counts on the Causeway showed that 52.20% of average daily traffic is in the westbound direction towards Port Isabel. The peak hour traffic flow occurred during the evening period and is estimated at 13.3% of the average daily traffic. Truck traffic accounted for 2.7% of the average daily traffic.
5. The historical monthly traffic counts from 1997 to 2003 showed higher traffic volumes during Spring Break, the Fourth of July, and summer month vacation season which consistent with the Island’s major high seasonal activity periods.
6. The *South Padre Comprehensive Strategic Plan* established a *Vision Statement* through community, civic and town participation.. A *Comprehensive Community Enhancement Plan* emphasized the importance of Padre Blvd. as a tool for setting the Town’ image. The study drafted guidelines to be approved and incorporated in the zoning ordinance for building setback, off street parking requirements, landscaping, lighting, and signage..

## **Data Collection and Analysis**

Twenty-four hour traffic counts were recorded at selected locations on the causeway crossing and Padre Blvd for 8-consecutive days, from June 20, 2004 to June 28, 2004. In addition, fifteen-minute manual traffic counts were taken at 5 selected intersections for 4 consecutive hours during the morning and the evening peak periods. The traffic count data sheets are provided in Appendix 3. A summary of findings of the collected data analysis is as follows:

1. The highest traffic volume on the causeway of 37,319 VPD was recorded on Sunday, June 20, 2004. The lowest traffic volume of 22,421 VPD was recorded on Wednesday, June 23, 2004. The estimated average daily traffic for the year 2004 is 23, 890 VPD.
2. The traffic distribution on Queen Isabella Causeway showed that 53.32% of the average daily traffic is traveling southbound.

3. The highest traffic volume of 42,435 VPH was recorded on the section of Padre Blvd. south of Haas Street on Saturday, June 26, 2004, which is 30% higher than the weekly average daily traffic and 59% higher than the yearly average daily traffic.
4. During the weekend, 58% of the average daily traffic was recorded between 11:00 AM and 5:00 PM on the causeway crossing. The AM peak period occurred at 11:00 AM and the PM peak period occurred at 5:00 PM.
5. On Padre Blvd., higher traffic volumes were recorded during the weekend, Friday through Sunday, and the lowest traffic volumes were recorded on Wednesday.
6. On the lower portion of Padre Blvd. between the causeway crossing and Haas Street, 53% of the average daily traffic was in the southbound direction towards the Causeway Crossing. North of Haas Street to Oleander Street, traffic was evenly distributed in the northbound and southbound directions. However, north of Oleander Street, the average daily traffic volumes showed a 55% split in the northbound direction.
7. On Padre Blvd. from the Causeway Crossing to Oleander Street, the AM peak hour occurred at 10:45 AM and the PM peak occurred at 5:00 PM.
8. Intersection traffic counts showed higher percentage of right turn vehicles were recorded in the northbound direction at cross streets. In addition, low bicycle and truck traffic was recorded during both peak periods. Lower pedestrian counts were also recorded at all other intersections.

## **Anticipated Growth and Traffic Projections**

Padre Blvd. is a major urban arterial street that serves the Island. It is designed as a 4-lane roadway with a continuous left turn lane. The roadway has 100-foot right-of-way width, with 25 foot building setbacks on both sides of the street. Intersecting streets are spaced between 230-ft and 265-ft apart. All east-west streets have 50-foot right-of-way widths. There are four signalized intersections on Padre Blvd:

- a. PR 100 and Padre Blvd. at the Causeway Crossing
- b. Padre Blvd and Harbor Street
- c. Padre Blvd and Amberjack Street
- d. Padre Blvd and Morningside Drive

Planning for future transportation needs for South Padre Island requires an analysis of future growth and its impact to Padre Blvd. and the Causeway Crossing. Currently, Queen Isabella Causeway Crossing is the main access to South Padre Island. It is designed as a 4-lane divided bridge with signalized intersections at its termini. Planning for a second causeway crossing is proceeding with the evaluation of alternative alignments. A decision on a preferred alignment for a toll facility and a replacement of the existing bridge structure will be made by December 2004.

The impact of future land development on Padre Blvd. and on the Causeway crossing was studied using well established trip generation and trip distribution procedures. The Island was divided to 8 districts according to the Town's Zoning Ordinance. Land use, trip generation and distribution, and transportation improvement needs were projected to the year 2030. It is estimated that there are approximately 193.4 acres of vacant land in South Padre Island that can be developed to condominiums, townhouses and commercial uses.

Based on the Town's Zoning Ordinance, the number of trips generated was calculated based on anticipated land use and development densities in each of the 8 development districts. Trips generated by each district were then distributed to other districts and destinations outside the island and were further assigned to Padre Blvd. and the Causeway crossing. The assumptions

made for the trip generation and trip distribution are listed in **Technical Memorandum # 2**, a copy of which is included in Appendix 2.

The results of the trip generation and trip distribution process are summarized below:

1. The average daily number of trips generated by new development in the Island for the year 2030 is estimated at 30,130 VPD. During the peak season, the average daily trips generated will reach 43,265 VPD and during the off season it will drop to 23,560 VPD.
2. In addition to the 2004 traffic counts, traffic projections on Padre Blvd and the Causeway Crossing were estimated for the years 2010, 2020 and 2030.
3. By year 2030, the Causeway Crossing will carry an average daily traffic of 37,430 VPD. The average daily traffic will vary from 34,450 VPD during the off season to 43,360 VPD during the peak season.
4. Padre Blvd. between Haas Street and Poinciana Street will experience an increase in traffic volume in year 2030. The section will carry an average daily traffic of 43,030 VPD and will vary from 36,360 VPD during the off season to 47,415 VPD during the peak season.
5. The LOS analyses showed that, without a second Causeway Crossing, the existing causeway and the sections of Padre Blvd. between the PR 100 and Oleander Street will operate at a Level of Service "F" by year 2030. Improving both roadways to 6-lane facilities will accommodate future projected traffic to the year 2030.
6. It was also found that the Level of Service can be improved by increasing the spacing between intersections with median openings. The traffic analyses also showed that the elimination of on-street parking can improve the traffic flow on Padre Blvd. and reduce friction with through traffic, especially in the curb lane.
7. Drawings were generated depicting conceptual designs for various median opening spacing, parking layouts and access management for 2, 3 and 4-block sections on Padre Blvd. In addition, two alternative schemes were developed to show a combination of positive median separation and continuous left turn lanes to improve access to specific sections of Padre Blvd. where commercial establishments currently exist.

## Study Findings and Recommendations

South Padre Island is in a unique position to improve the traffic flow and enhance the image of Padre Blvd. Future access to the Island will be improved by the construction of a second causeway crossing. However, the funding sources and construction schedule for the project have not been established or defined. Therefore, it is important to plan for Padre Blvd. to handle existing and future traffic volumes generated by the Island's land development activities and economic growth for the next 25 years. A proposed plan-of-action, recommended below, will establish design guidelines and an access management strategy to improve traffic flow and pedestrian safety. This should be implemented to fit existing conditions.

The construction of a second Causeway Crossing on the north end of the Town of South Padre Island will improve the traffic flow on the existing causeway. It will also have an impact on the need to improve both the existing Causeway and the lower portion of Padre Blvd. to 6-lane facilities. With another Causeway Crossing, traffic entering the Island will eventually be distributed on Padre Blvd between the two Causeway Crossings based on the toll pricing of the new facility.

To plan for the future, the Town of South Padre Island is in need of an **Access Management Plan** for Padre Blvd. The plan will establish a new vision for improving access to existing and future development by introducing designated east-west collector streets. These collector streets will have 60-feet of ROW width to funnel traffic to Padre Blvd. The access management plan will also establish guidelines for potential side street closures, spacing of median openings and separate left turn lanes, on- street parking design, drainage improvements, sidewalk and crosswalk locations, and landscaping improvements.

Six typical design scenarios for sections of Padre Blvd were introduced in Technical Memorandum # 2. These conceptual design options show proposed changes in access control, parking layout, sidewalk locations and landscaping. Each of these design options can be made to fit existing conditions and to serve the long range objective of improving traffic flow and safety on Padre Blvd.

Based on the results of the traffic engineering analyses of existing and projected traffic volumes and anticipated land development on the Island, the following **Plan of Action** is recommended:

1. The Town should develop a new thoroughfare plan for the Island designating certain east-west streets as collectors. The selection of collector streets is based on serving land development in each of the 8 districts, managing traffic maneuvering from abutting properties and from side streets, improving traffic operations and providing possible future traffic signal progression on Padre Blvd. **Figure 1** shows a recommended collector street plan including Marisol Street, Corral Street, Marlin Street, Amberjack Street, Red Snapper Street, Bahama Street, Oleander Street, Saturn Street, Capricorn Street, Morningside Drive, and Sunset Street.
2. The Town's Zoning Ordinance includes provisions for providing off street parking for each type of land development. Enforcement of these requirements will improve the traffic operation and reduce friction between main lane traffic and on-street parking on Padre Blvd. The Town may construct off-street parking lots in specific development districts to encourage economic development and enhance traffic operation.
3. The Town's Zoning Ordinance should include requirements for the number of truck stalls for on-site goods delivery. The number of stalls should be based on the type of commercial and business activities. On-street loading and delivery of goods should be prohibited.
4. If necessary, on-street parking should be either parallel parking or 60 degree angle parking. Existing on-street parking should be integrated into the design of Padre Blvd. based on the six conceptual plans introduced previously in Technical Memorandum # 2. On-street parking will be maintained as long as the existing business remains and physically unchanged.
5. A minimum of 8 foot wide sidewalks are recommended on both sides of Padre Blvd. Typical locations of sidewalks, landscape buffer strips and on-street parking are shown in **Figure 2**. ADA Guidelines for curb design at intersections, crosswalks markings, signing and slope of sidewalks must be followed and incorporated into business and commercial accessibility plans.
6. To improve bus services, a bus stop and shelter design should be integrated within the hardscape and landscape design of Padre Blvd.

Two conceptual plans, shown in **Figure 3 and 4**, were prepared to depict conceptual design for median opening locations, left-turn movement treatment and design, and access to abutting properties. A recommended design of Padre Blvd. between Haas Street and Swordfish Street should be developed as a follow up stage to this study. The next phase of study should be based on field investigation of existing abutting businesses and topographic surveys of Padre



Blvd. and side streets. The following is an outline of the tasks necessary to implement this study's results into the final design of Padre Blvd:

- A. Generate aerial mapping and associated field surveys for the section of Padre Blvd. between the Causeway Crossing and Oleander Street. Side Streets should be surveyed to about 100 feet beyond the Padre Blvd right-of-way limits.
- B. Develop preliminary engineering and landscape plans for the section of the roadway between Haas Street. and Swordfish Street. The plans will include:
  - a. Roadway Layout Plan, median openings, left-turn lanes, sidewalks, and locations of crosswalks and signalized intersections.
  - b. Drainage improvement plans with preliminary design and calculations.
  - c. Modification of parking layouts and integration with street design and pedestrian safety.
  - d. Landscaping concept plans including hardscape features, pedestrian amenities and bus shelters at bus stops.
  - e. Preliminary cost estimates.
- C. Submit schematic plans to the Town and TxDOT staffs for review and comments. Upon Town and TxDOT staff review, present the plans for public review and comments. Responses to these comments can then be incorporated into the schematic plan. Thereafter, the plan will be presented to the Town Aldermen for approval.
- D. Preparation of final engineering plans and specifications.

LEGEND:

- RESORT / ENTERTAINMENT
- COMMERCIAL
- PROPOSED FUTURE COLLECTOR STREETS

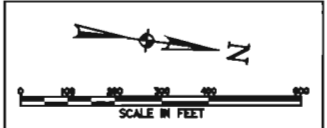
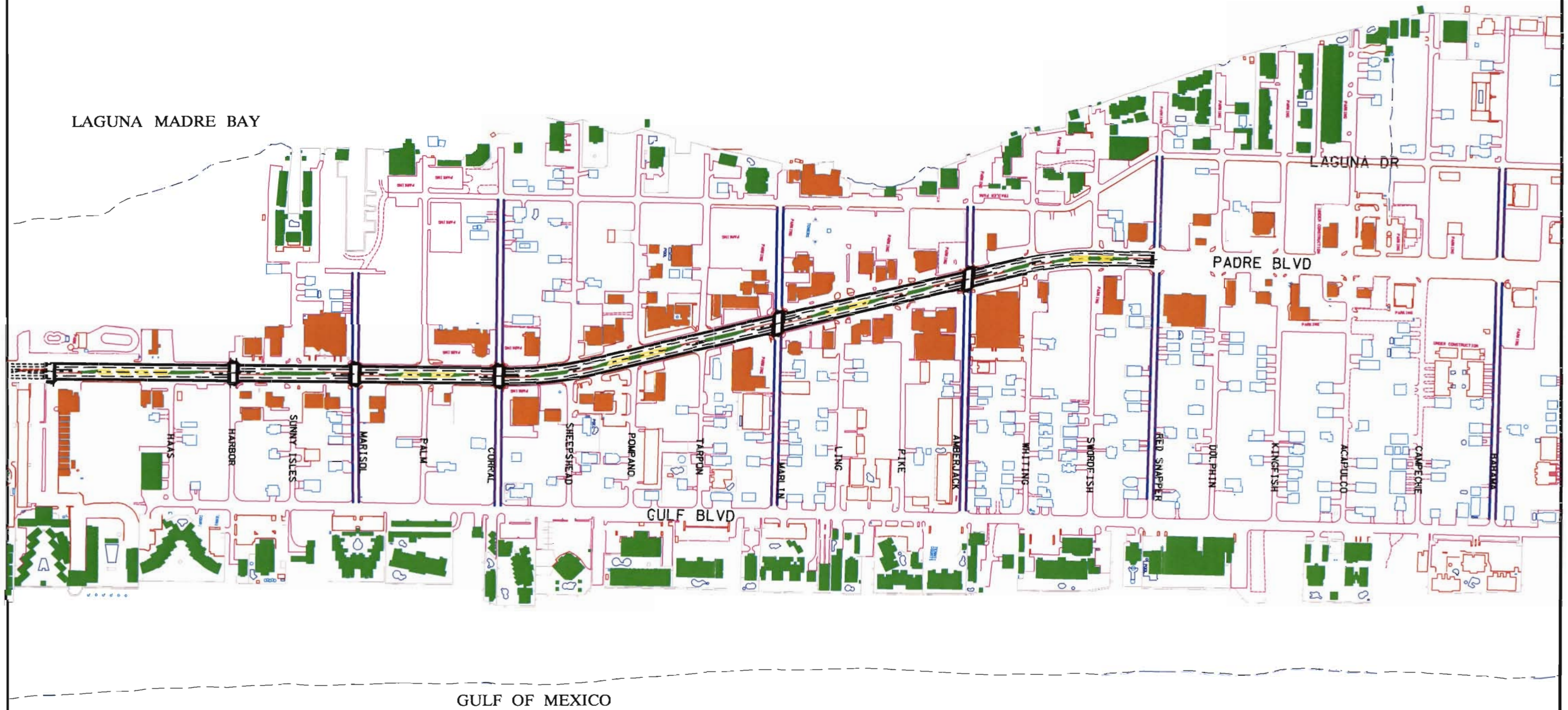


FIGURE 1 - PROPOSED FUTURE COLLECTOR STREETS



Option A-A: No Onstreet Parking



Option B-B: Parallel Parking



Option C-C: Angle Parking

FIGURE 2: PADRE BOULEVARD - TYPICAL SECTIONS

**LEGEND:**

- RESORT / ENTERTAINMENT
- COMMERCIAL



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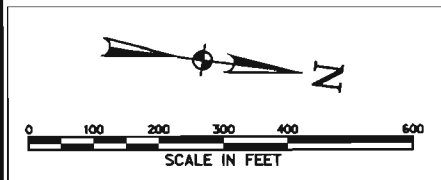
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PADRE BLVD

GULF BLVD

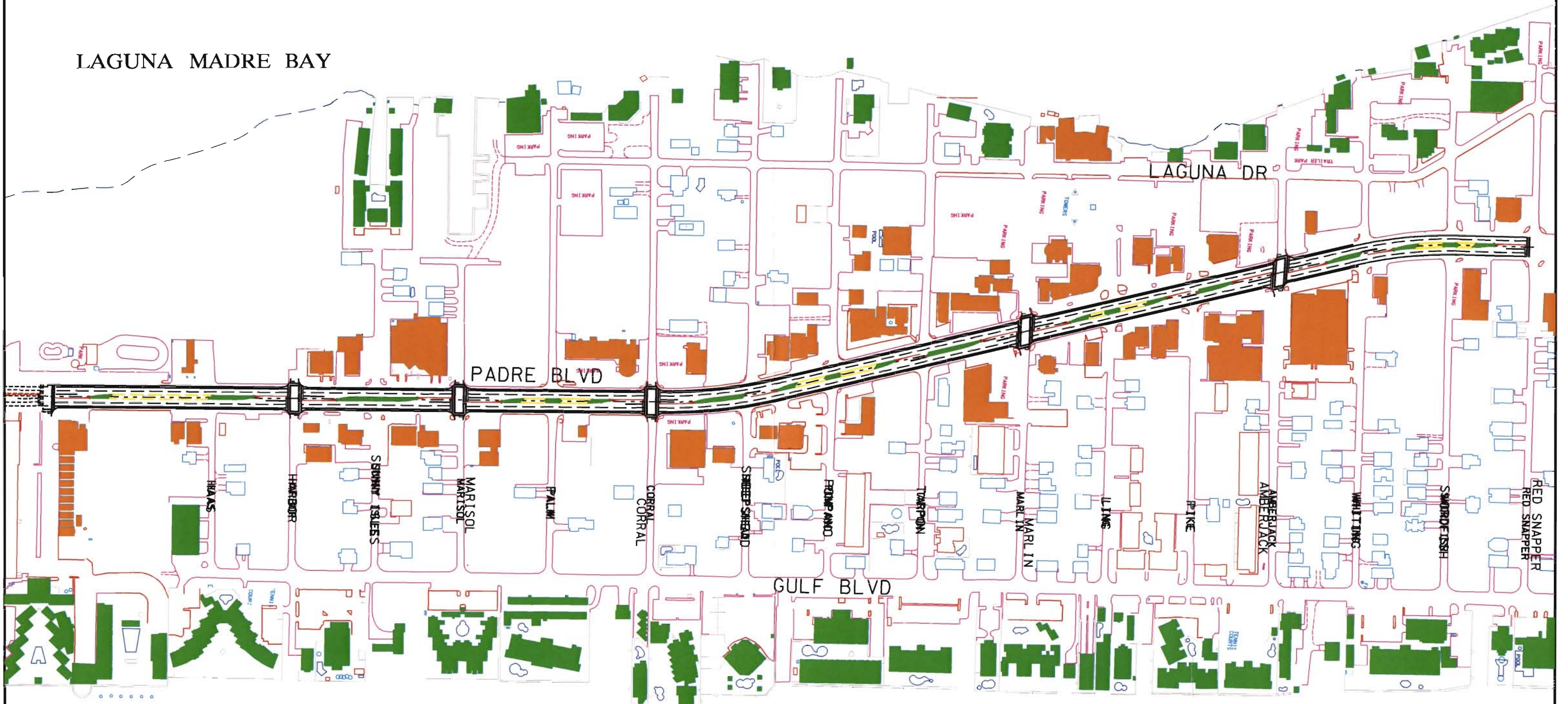
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FIGURE 3 - ACCESS MANAGEMENT PLAN  
CONCEPT 1: RAISED MEDIAN SEPARATION



LEGEND:

- RESORT / ENTERTAINMENT
- COMMERCIAL



LAGUNA MADRE BAY

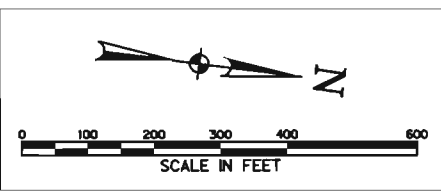
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PADRE BLVD

GULF BLVD

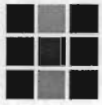
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FIGURE 4 - ACCESS MANAGEMENT PLAN  
CONCEPT 2: COMBINED RAISED MEDIAN  
AND CONTINUOUS LEFT TURN LANES



# **APPENDIX 1**

**Technical Memorandum #1  
Review of Existing Studies**



# Halff Associates, Inc.

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8616 Northwest Plaza Drive  
Dallas, Texas 75225-4211  
(214) 346-6200  
Fax (214) 739-0108

## TECHNICAL MEMORANDUM # 1

**DATE:** July 29, 2004 - R **AVO:** 22330

**TO:** Jeffrey Gilbert, P.E.  
Director, Public Works  
Town of South Padre Island  
South Padre Island, Texas 78597

**FROM:** Sayed M. Omar, P.E.  
Project Manager  
*Email: somar@halff.com* **PROJECT:** Comprehensive Traffic  
Engineering Study for Padre  
Blvd

**SUBJECT:** Existing Traffic Conditions

This is the first of three deliverable of the contract between the Town of South Padre Island and Halff Associates, Inc. Subsequent information is to follow. This report will review the existing traffic conditions based on actual field counts to be followed by an analysis of potential growth and traffic projections in the Island. **Attachment (A)** lists previous and on going studies reviewed for this study. In addition, TxDOT traffic counts, right-of-way maps were received from TxDOT - Pharr District and accident history was requested and received from the Texas Department of Public Safety in Austin, Texas.

**Table (1)** lists traffic record counts provided by TxDOT - Pharr District for the 2<sup>nd</sup> Causeway Crossing Study. The traffic counts were taken at the permanent station # S163 at Port Isabel. The historical records show a yearly traffic growth rate of 2.54% on Queen Isabella Causeway between 1997 and 2003. It also shows a 52.2 % directional distribution of traffic in the westbound direction toward Port Isabel during the evening peak. The peak hour traffic flow occurs during the evening and is estimated at 13.3% of the average daily traffic. Truck traffic accounts for 2.7% of the average daily traffic.

**Table (2)** shows the most recent traffic counts provided by TxDOT- Pharr District were dated 2002. The average daily traffic for the year 2002 on the Causeway was 21,464 VPD. The highest daily traffic count was recorded on Friday, July 5, 2002, the fourth of July Holiday weekend, at 42,240 VPD. Other higher daily traffic volume counts recorded were consistent with the Island's major seasonal activity periods such as Friday, March 15, 2002, at 41,110 VPD during spring break, and the summer vacation months, June, July and August. The 2002 - TxDOT traffic map showed that the Padre Blvd. carried an average of 17,500 VPD between the Causeway and Capricorn Street, thereafter, the traffic volume was substantially lower north of Capricorn Street.

**Attachment (B)** includes copies of right-of-way maps received from TxDOT- Pharr District shows that Padre Blvd. (PR 100) has a 200-foot proposed ROW dedication. However, the latest "Community Enhancement Plan" indicates that Padre Blvd has 100-foot of ROW and east-west streets crossing Padre Blvd have 50-foot wide ROW. The width of ROW on Padre Blvd will play an important part in introducing various design strategies for improved access and traffic flow along Padre Blvd and need to be verified by the Town staff.



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8616 Northwest Plaza Drive  
Dallas, Texas 75225-4211  
(214) 346-6200  
Fax (214) 739-0108

Accident records received from the Texas Department of Public Safety showed that 86 accidents occurred on Padre Blvd. between the Causeway and Esperanza Street from 1998 to 2001. The record only reflects accidents that involved personal injury or fatality and required police presence. **Table (3)** lists accidents by location, date of occurrence, type of accidents, and severity of accidents. Accidents are recorded every 1/10<sup>th</sup> of mile and was later correlated to the existing streets crossing Padre Blvd. The accident records received did not separate mid-block accidents from intersection accidents.

**Table (4)** shows a summary of accidents by location and by year. The highest number of accidents occurred in 1998, 26 accidents, followed by 2000, 25 accidents. The highest number of accidents occurred on the section of Padre Blvd. between Huisache Street and Oleander Street, 13 accidents, and between Mesquite Street and Huisache Street, 12 accidents.

**Table (5)** shows that 47 accidents resulted in minor injury and 2 accidents resulted in serious injury. The table also shows that 73 out 86 accidents involved vehicle/vehicle collision, 9 involved vehicles losing control and hitting a fixed object, and 3 involving a collision of a pedestrian and/or bicyclist with a vehicle.

Twenty-four hour traffic counts were taken at selected locations on Padre Blvd for 8 consecutive days from June 20, 2004 to June 27, 2004. The locations of the counting stations were selected by the Town staff and covered the length of Padre Blvd from the Causeway crossing to Morningside Street. A record listing of the all machine traffic counts are included in a separate folder titled "**Field Traffic Counts**". **Table (6)** is a summary of 24-hr traffic counts by day of count and by location.

**Table (7)** lists the 24-hour traffic counts on Queen Isabella Causeway during 8 consecutive days from Sunday, June 20, 2004 to Sunday, June 27, 2004. A preliminary analysis of 24-hour traffic counts indicates that the average daily traffic on the Causeway during the 8 consecutive days from June 20 to June 28, 2004 is 29,198 VPD. The highest traffic count on the Causeway of 37,319 VPD was recorded on Sunday, June 20, 2004. It represents 128% of the average daily traffic (VPD), while the lowest traffic counts represents 77% of the average VPD. Directional distribution of traffic indicates a 53% of trips are westbound on the Causeway crossing. Peak traffic flow on the Causeway crossing was recorded on Sunday June 20, 2004 between the hours of 11:00 AM and 6:00 PM. This period accounts for 59% of the average VPD. The average hourly volume during this period is 2,740 VPH. The same peak traffic periods occurred during the following weekend from Friday June 25, 2004 to Sunday June 27, 2004. Peak traffic periods during the weekday occurred between 3:00 PM to 5:00 PM. The average peak hour (VPH) during this period is 1,967 and represents 7.52% of the average VPD.

Along Padre Blvd and south of Haas Street, the average daily traffic is estimated at 32,597 VPD. The highest traffic count on Padre Blvd of 42,435 VPD occurred on Saturday June 26, 2004. It represents 130% of the average VPD and the lowest traffic count represents 82% of the average VPD. A total of 3,454 VPH were recorded during the AM peak hour beginning at 10:45 on Saturday, June 26, 2004, of which 2,361 VPH, or 68% were in the northbound direction and 1,093 VPD, or 32% were in the southbound direction. During the PM peak periods, the highest hourly traffic count in northbound direction recorded was 2,780 VPH beginning at 12:15 PM, and the southbound direction recorded was 1,411 VPH beginning at 5:00 PM. Peak hour periods from Friday to Sunday occurred between 11:00 AM and 6:00PM in northbound direction and from 3:00 PM to 7:00 PM in the southbound direction. During the weekday, peak hour periods occurred from 4:00 PM to 6:00 PM for both northbound and





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Fax (214) 739-0108

southbound traffic flow. The section of Padre Blvd between the causeway and Poinciana Street has a 53% directional distribution of traffic in the southbound direction. However, the section of Padre Blvd between Poinciana Street and Ling Street shows a balance flow of about 50% in the northbound and southbound directions. North of Ling street, Padre Blvd shows relatively higher northbound traffic.

Manual traffic counts were taken at 5 selected intersections during one hour in the morning peak period and one hour in the evening peak period. Recorded manual counts in the peak hour are included in **Attachment (C) "Field Traffic Counts"**. Thorough, left turn, right-turn vehicle counts, pedestrian crossing counts, bicycle and truck traffic were recorded on all approaches. On all intersections, AM peak period occurred at 11:00 AM and PM peak hour period occurred at 5:00 PM. Intersection traffic counts show a higher number of vehicles turning right in the northbound direction on Padre Blvd. However, the number of left turn vehicles in the northbound direction during both peak periods did not exceed 24 VPH during any peak period. Westbound traffic on the crossing streets recorded heavy left and right turning movements, while through traffic was very low. At Palm Street and Morningside Street, eastbound traffic counts show high left-turn and right-turn volumes during both peak periods. On other intersections, traffic count records show low traffic volumes in the eastbound direction.

Truck traffic on Padre Blvd accounts for 12% of the through traffic during the peak periods between Harbor Street and Bahama Street. However, very low truck traffic volumes were recorded on the side streets. The highest pedestrian crossing counts were recorded at Palm Street and Padre Blvd. Other intersections recorded lower pedestrian crossing counts in all directions. Bicycle counts were recorded on all approaches and were low. **Figures (1 thru 5)** show a graphic presentation of peak hour traffic for the five intersections.

- Attachment (A) List of Studies Reviewed**
- Attachment (B) Right-of-Way Maps, TxDOT Pharr District**
- Attachment (C) "Field Traffic Counts" Folder**

---

Copies: **Mr. Dewey Cashwell, Jr.**, City Manger, South Padre Island, Texas  
**Joey Trevino**, Halff Associates, Inc.  
**Jim Carrillo**, ASLA, AICP, Halff Associates, Inc.  
**Matt Craig**, PE, Halff Associates, Inc.  
**File: AVO# 22330 – Technical Reports**

**Table (1) - Traffic Record Counts - TxDOT Permanent Station  
Queen Isabella Causeway Crossing 1997 to 2003**

Month	1997		1998		1999		2000	
	Yearly	Ave/Day	Yearly	Ave/Day	Yearly	Ave/Day	Yearly	Ave/Day
January	508,050	16,389	555,070	17,905	552,340	17,817	581,630	18,762
February	564,420	20,158	586,150	20,934	630,030	22,501	660,630	22,780
March	780,680	25,183	781,730	25,217	763,280	24,622	770,460	24,854
April	542,120	18,071	707,850	23,595	599,870	19,996	657,020	21,901
May	601,340	19,398	670,170	21,618	632,220	20,394	648,330	20,914
June	681,700	22,723	712,440	23,748	677,540	22,585	706,010	23,534
July	839,820	27,091	832,020	26,839	840,750	28,025	901,260	29,073
August	692,810	22,349	637,200	20,555	629,980	20,322	657,340	21,205
September	484,790	16,160	454,260	15,142	491,370	16,379	542,190	18,073
October	420,040	13,550	455,420	15,181	485,830	16,194	473,550	15,785
November	403,110	13,004	423,190	14,106	448,550	14,952	442,760	14,759
December	433,020	13,968	446,950	14,418	463,270	14,944	449,070	14,486
Ave/Year	579,325	19,004	605,204	19,938	601,253	19,894	624,188	20,510

Month	2001		2002		2003	
	Yearly	Ave/Day	Yearly	Ave/Day	Yearly	Ave/Day
January	587,520	18,952	575,160	18,554	560,172	18,070
February	644,820	23,029	596,690	21,310	586,568	20,949
March	820,840	26,479	824,270	26,589	771,577	24,890
April	685,600	22,853	636,950	21,232		
May	665,330	21,462	666,610	21,504		
June	785,120	26,171	770,540	25,685		
July	957,980	30,903	935,330	30,172		
August	733,820	23,672	745,630	24,053		
September			520,810	17,360		
October			483,090	16,103		
November			442,490	14,750		
December			461,170	14,876		
Ave/Year			638,228	21,016		

Sources: Texas Department of Transportation - Permanent Count Station # S163

Westend of the Queen Isabella Causway in Port Isabel

**Traffic Flow Factors**

Directional Distribution	52.20%
Peak Hour Traffic Flow	13.30%
Percent of Trucks	2.70%
Average Traffic Growth Rate - 1989 to 2003	2.54%

Sources: Second Access to South Padre Island, Technical Memorandum, TxDOT - Pharr District.

Table (2)  
 2002 SPI CAUSEWAY COUNTS  
 TXDOT - PHARR DISTRICT

Station: S163 Port Isabel

Wednesday, January 15, 2003

MONTH	MONTH TOTAL	AVERAGE DAILY TRAFFIC	HIGH DAY
JANUARY	575,160	18,553	Friday 01/25/02 20,920
FEBRUARY	596,390	21,299	Saturday 02/23/02 26,470
MARCH	824,270	26,589	Friday 03/15/02 41,110
APRIL	636,950	21,231	Saturday 04/20/02 26,160
MAY	666,610	21,503	Sunday 05/26/02 37,200
JUNE	770,540	25,584	Saturday 06/22/02 35,290
JULY	935,330	30,171	Friday 07/05/02 42,240
AUGUST	745,630	24,052	Saturday 08/03/02 37,410
SEPTEMBER	520,810	17,360	Sunday 09/01/02 35,760
OCTOBER	463,090	15,583	Saturday 10/12/02 19,140
NOVEMBER	422,490	14,083	Friday 11/15/02 16,410
DECEMBER			
2002 Total			

Total 2002	
Total 2001	6,448,620
Total 2000	7,490,250
Total 1999	7,215,030
Total 1998	7,262,280
Total 1997	6,951,900
Total 1996	5,609,610
Total 1995	6,752,450
Total 1994	6,310,270
Total 1993	6,130,018
Total 1992	5,897,950
Total 1991	5,707,340
Total 1990	5,699,130
Total 1989	5,712,470

<b>Fax to:</b>	SPI Visitor Bureau 956-761-9462
	SPI Chamber 956-761-2739
	RGV Partnership 956-968-0210 (Bill Summers)
	SPIEDC 956-761-4523 (Linda)
	Glenn Osterhoudt 817-594-6747
	San Benito Office 956-399-8450
<b>Mail to:</b>	
	Port Isabel Press
	P O BOX 308
	South Padre Island, TX 78578
<b>Email to:</b>	
	Teresa Muehlberger
	Amy Rodriguez

From: Myra Cuellar  
 Tx Dept of Transportation  
 P O Drawer EE  
 Pharr, TX 78577

956-702-6151 (Phone)  
 956-702-6110 (Fax)  
 mcuella1@dol.state.tx.us (email)

**Table (3)  
Accident History - South Padre Island**

Month	Day	Year	Type (1)	Sev (2)	Mile Post	Approx Location
1	18	1	2	3	241	600 ft North of Causeway
7	26	99	2	5	241	
5	2	99	7	2	243	1200 ft South of Haas
7	5	98	2	2	244	650 ft South of Haas
3	19	98	2	2	244	
6	13	0	2	2	247	Bet. Marisol & Palm
3	12	0	2	3	247	
11	23	1	2	3	247	
6	3	98	2	3	247	
3	21	98	2	3	247	
2	2	1	2	3	248	Bet. Palm & Corral
3	14	1	2	3	248	
7	28	1	2	5	248	
6	8	98	2	3	248	
3	15	98	2	3	248	
7	16	99	2	2	248	
3	24	99	2	2	248	
3	12	1	2	2	249	Bet. Sheepshead & Pampano
3	9	1	2	3	249	
1	26	1	2	3	249	
3	14	0	2	3	250	Bet. Tarpon & Marin
7	1	0	2	5	250	
7	27	1	2	3	250	
8	22	1	7	5	250	
4	11	98	2	5	250	
4	22	0	2	3	251	Bet. Pike & Whiting
7	4	1	2	3	251	
3	12	1	2	3	251	
4	21	1	7	4	252	Bet. Whiting & Red Snapper
3	21	99	2	3	252	
8	2	0	2	3	253	Bet. Dolphin & Kingfish
3	12	0	2	3	253	
3	9	1	2	3	253	
3	21	98	1	1	253	
5	12	0	2	3	254	Bet. Acapulco & Campeche
9	6	1	2	2	254	
3	13	1	2	3	254	
1	23	98	2	2	254	
4	4	99	2	2	254	
4	23	0	7	3	255	Bet. Campeche & Atol
4	5	0	7	5	255	
1	13	1	2	3	255	
3	11	1	2	5	255	
7	3	98	2	3	255	
3	20	98	2	3	255	
3	16	99	2	3	255	
3	18	99	2	3	255	
2	21	99	2	3	255	
7	27	0	2	2	256	Bet. Atol & Mesquite
5	27	1	2	2	256	

**Table (3) Continue  
Accident History - South Padre Island**

Month	Day	Year	Type	Sev	Mile Post	Approx Location
4	7	98	2	3	256	Bet. Atol & Mesquite
3	24	98	2	5	256	Continue
3	19	99	2	1	256	
8	1	99	2	3	256	
3	19	99	2	5	256	
1	24	98	1	2	257	Bet Mesquite & Huisache
3	14	98	2	3	257	
10	27	98	2	3	257	
3	19	98	10	3	257	
7	22	0	2	3	258	Bet Lantana & Oleander
3	9	0	2	5	258	
5	11	1	2	2	258	
4	15	1	2	3	258	
7	29	1	2	3	258	
7	9	98	2	3	258	
3	21	98	2	3	258	
7	17	98	2	5	258	
6	12	99	2	3	258	
4	2	99	2	5	258	
4	3	99	2	5	258	
3	19	99	2	5	258	
7	31	0	2	5	259	Bet. Oleander to Hibiscus
1	12	0	5	2	259	
10	31	0	7	5	259	
6	5	1	2	2	259	
7	28	1	2	2	259	
3	16	1	2	3	259	
8	23	98	2	3	259	
3	27	98	2	3	259	
8	1	98	2	5	259	
10	2	98	7	5	259	
5	9	99	2	3	259	
8	14	99	2	3	259	
3	19	99	7	3	259	
3	18	98	2	3	260	North of Hibiscus
6	20	98	7	2	260	

**NOTES**

**(1) Accident Type**

- |      |    |                                  |
|------|----|----------------------------------|
| Code | 1  | Motor vehicle with pedestrian    |
|      | 2  | Motor vehicle with motor vehicle |
|      | 5  | Motor vehicle with padelcycle    |
|      | 7  | Motor vehicle with fixed object  |
|      | 10 | Overtuned                        |

**(2) Accident Severity**

- |      |   |  |
|------|---|--|
| Code | 1 | An "A" type injury (incapacitating)          |
|      | 2 | A "B" type injury (non-incapacitating)       |
|      | 3 | A "C" type of injury (claimed or complained) |
|      | 4 | A "K" type (fatal accident)                  |
|      | 5 | Property damage only accident                |

**Table (4)**  
**Summary of Accident By Location**  
**and by Year**

Location	Mile Post	1998	1999	2000	2001	Total
From Causway to 650 ft North	241		2			2
From 660 ft N of causway to Service Rd	242					
From Service Road to Poinciana	243		1			1
From Poinciana to barracuda	244		2			2
From Barracuda to Haas	245					
From Haas to Sunny Isles	246					
From Sunny Isles to Palm	247		5			5
From Palm to Sheepshead	248		7			7
From sheepshead to Pampano	249	1	2			3
From Pampano to Marlin	250	5				5
From Marlin to Pike	251	3				3
From Pike to Whiting	252	2				2
From Whiting to Red Snapper	253	4				4
From Red Snapper to Kingfish	254	5				5
From Kingfish to Campache	255	6		3		9
From Campache to Atol	256			7		7
From Otal to Mesquite	257			4		4
From Mesquite to Huisache	258			11	1	12
From Huisache to Oleander	259				13	13
From Oleander to Hibiscus	260				2	2
<b>Total</b>		<b>26</b>	<b>19</b>	<b>25</b>	<b>16</b>	<b>86</b>

**Table (5)**  
**Accidents by Year, Type**  
**and Severity**

Description	Year	Type	Total	Injury Non Serious	Injury Minor	Fatal Accident	Property Damage	Injury Serious
				2	3	4	5	1
Veh/Veh	2001	2	25	4	14		6	1
Veh/Ped	2000	1	2	1	1			
Veh/Veh		2	14	3	6		5	
Veh/Veh	1999	2	8	3	4		1	
Veh/Bicycle		5	1		1			
Veh/Fix Object		7	9	4	4		1	
Overtuned		10	1		1			
Veh/Veh	1998	2	26	3	16	1	5	1
		<b>TOTAL</b>	<b>86</b>	<b>18</b>	<b>47</b>	<b>1</b>	<b>18</b>	<b>2</b>

**Table (6)**  
**South Padre Island - Traffic Engineering Study**  
**Machine Traffic Counts, June 20, 2004 to June 27, 2004**  
**24-hr TRAFFIC COUNTS**

Day of the Week	Causway Crossing			Padre N. of Causeway			Padre S. of Haas			Padre N. of Ling		
	Total	NB	SB	Total	NB	SB	Total	NB	SB	Total	NB	SB
Sunday June 20, 2004	37,319	16,043	21,276	28,925	12,589	16,336	35,290	16,328	18,962	29,626	14,243	15,383
Monday June 21, 2004	26,623	11,954	14,669	21,301	10,130	11,171	27,312	13,579	13,733	23,508	11,970	11,538
Tuesday June 22, 2004	24,787	11,382	13,405	20,550	9,850	10,700	26,780	13,403	13,377	23,118	11,853	11,265
Wednesday June 23, 2004	22,421	11,358	11,063	19,661	9,732	10,229	26,721	13,480	13,241	23,169	11,909	11,260
Thursday June 24, 2004	26,161	12,517	13,644	23,422	10,795	12,627	28,829	14,599	14,250	25,238	13,040	12,198
Friday June 25, 2004	31,636	15,821	15,815	27,295	13,790	13,505	35,877	18,763	17,114	30,834	16,088	14,746
Saturday June 26, 2004	32,184	15,982	16,200	28,185	13,756	14,429	42,435	24,450	17,985	31,519	16,346	15,173
Sunday June 27, 2004	32,453	13,989	18,464	26,581	11,710	14,871	37,530	20,314	17,216	28,046	13,526	14,520
<b>Total</b>	<b>233,584</b>	<b>109,046</b>	<b>124,536</b>	<b>195,920</b>	<b>92,352</b>	<b>103,868</b>	<b>260,774</b>	<b>134,916</b>	<b>125,878</b>	<b>215,058</b>	<b>108,975</b>	<b>106,083</b>
<b>Average Daily Traffic</b>	<b>29,198</b>	<b>13,631</b>	<b>15,567</b>	<b>24,490</b>	<b>11,544</b>	<b>12,984</b>	<b>32,597</b>	<b>16,865</b>	<b>15,735</b>	<b>26,882</b>	<b>13,622</b>	<b>13,260</b>
<b>Highest Count to Total</b>	<b>127.81%</b>	<b>117.70%</b>	<b>136.67%</b>	<b>118.11%</b>	<b>109.05%</b>	<b>125.82%</b>	<b>130.18%</b>	<b>144.98%</b>	<b>114.30%</b>	<b>117.25%</b>	<b>120.00%</b>	<b>114.42%</b>
<b>Lowest Count to Total</b>	<b>76.79%</b>	<b>83.50%</b>	<b>71.07%</b>	<b>80.28%</b>	<b>84.30%</b>	<b>78.78%</b>	<b>81.97%</b>	<b>79.93%</b>	<b>84.15%</b>	<b>86.00%</b>	<b>87.01%</b>	<b>84.95%</b>
<b>Percentage Directional Distribution</b>		<b>46.68%</b>	<b>53.32%</b>		<b>47.14%</b>	<b>53.02%</b>		<b>51.74%</b>	<b>48.27%</b>		<b>50.67%</b>	<b>49.33%</b>
Day of the Week	Padre N. of Kingfish			Padre N. of Oleander			Padre N. of Jupiter			Padre N. of Capericorn		
	Total	NB	SB	Total	NB	SB	Total	NB	SB	Total	NB	SB
Sunday June 20, 2004	31,403	16,040	15,363	28,278	12,756	15,522	25,488	14,507	10,981	23,815	13,343	10,472
Monday June 21, 2004	23,692	12,341	11,351	19,252	9,525	9,727	20,068	12,187	7,881	14,903	7,723	7,180
Tuesday June 22, 2004	23,495	12,165	11,330	18,523	9,214	9,309	20,399	12,615	7,784	14,172	7,006	7,166
Wednesday June 23, 2004	22,740	12,159	10,581	19,764	10,414	9,350	19,936	12,642	7,294	16,474	9,130	7,344
Thursday June 24, 2004	23,929	12,349	11,580	20,964	10,619	10,345	22,230	14,088	8,142	18,383	10,178	8,205
Friday June 25, 2004	27,884	14,205	13,680	24,663	12,478	12,185	26,725	16,868	9,857	21,050	11,433	9,617
Saturday June 26, 2004	31,961	17,641	14,320	25,862	13,068	12,794	26,458	16,650	10,808	20,343	10,160	10,183
Sunday June 27, 2004	25,663	12,350	13,313	22,401	10,767	11,634	25,720	15,676	10,044	18,298	8,726	9,872
<b>Total</b>	<b>210,767</b>	<b>109,250</b>	<b>101,518</b>	<b>179,707</b>	<b>88,841</b>	<b>90,866</b>	<b>187,024</b>	<b>115,233</b>	<b>72,791</b>	<b>147,438</b>	<b>77,699</b>	<b>70,039</b>
<b>Average Daily Traffic</b>	<b>26,346</b>	<b>13,656</b>	<b>12,690</b>	<b>22,463</b>	<b>11,105</b>	<b>11,358</b>	<b>23,378</b>	<b>14,404</b>	<b>9,099</b>	<b>18,430</b>	<b>9,712</b>	<b>8,755</b>
<b>Highest Count to Total</b>	<b>121.31%</b>	<b>129.18%</b>	<b>112.85%</b>	<b>125.88%</b>	<b>114.87%</b>	<b>136.66%</b>	<b>114.32%</b>	<b>117.11%</b>	<b>108.33%</b>	<b>129.22%</b>	<b>137.38%</b>	<b>119.61%</b>
<b>Lowest Count to Total</b>	<b>89.18%</b>	<b>89.08%</b>	<b>89.28%</b>	<b>82.46%</b>	<b>82.97%</b>	<b>81.96%</b>	<b>85.84%</b>	<b>84.61%</b>	<b>54.71%</b>	<b>76.90%</b>	<b>72.13%</b>	<b>81.85%</b>
<b>Percentage Directional Distribution</b>		<b>51.83%</b>	<b>48.17%</b>		<b>49.44%</b>	<b>50.56%</b>		<b>61.61%</b>	<b>38.92%</b>		<b>52.70%</b>	<b>47.50%</b>

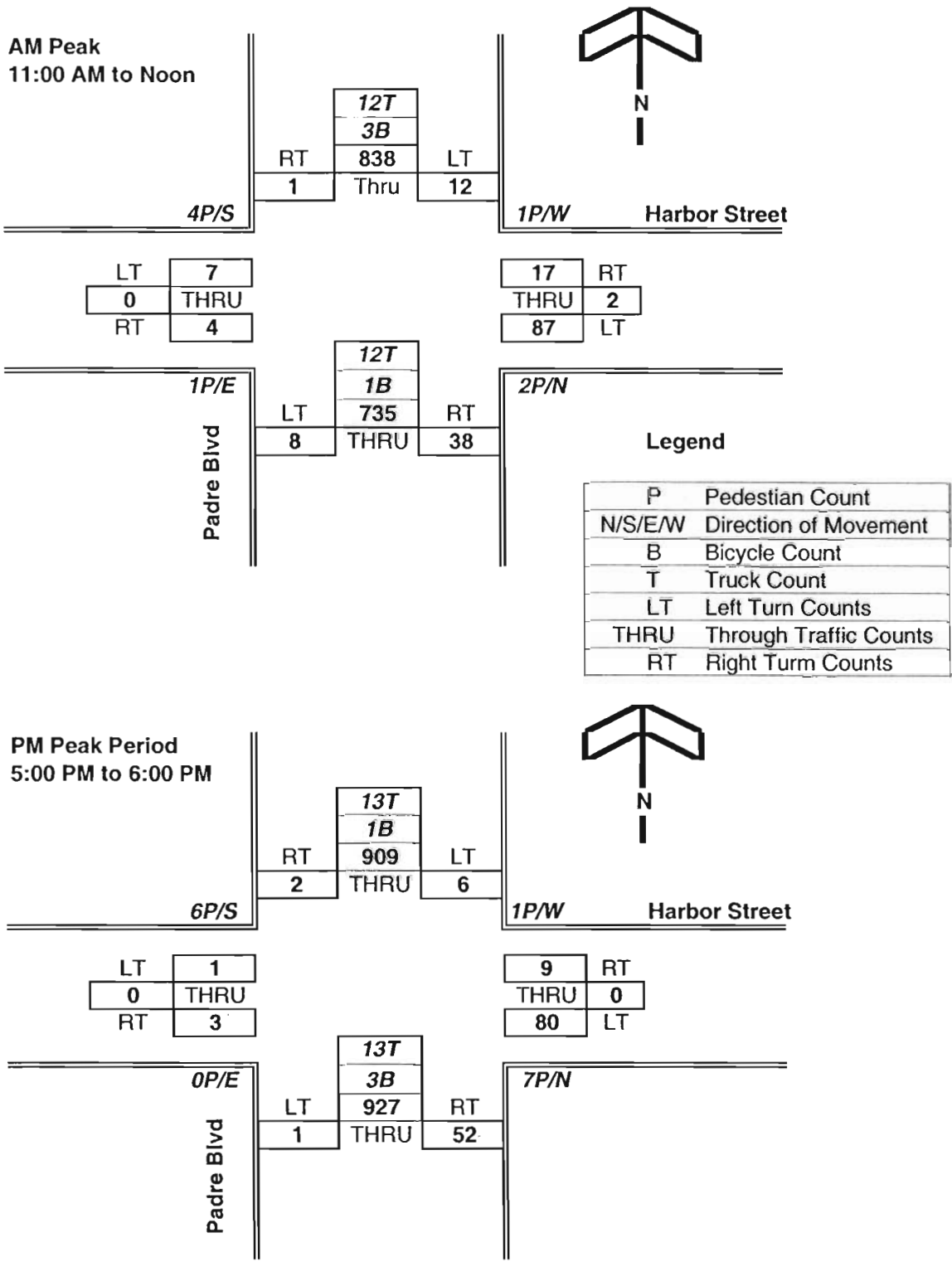
**Table (7) QUEEN ISABELLA CAUSEWAY (8 DAYS OF MACHINE COUNTS)**

Jurisdiction SOUTH PADRE ISLAND, TX

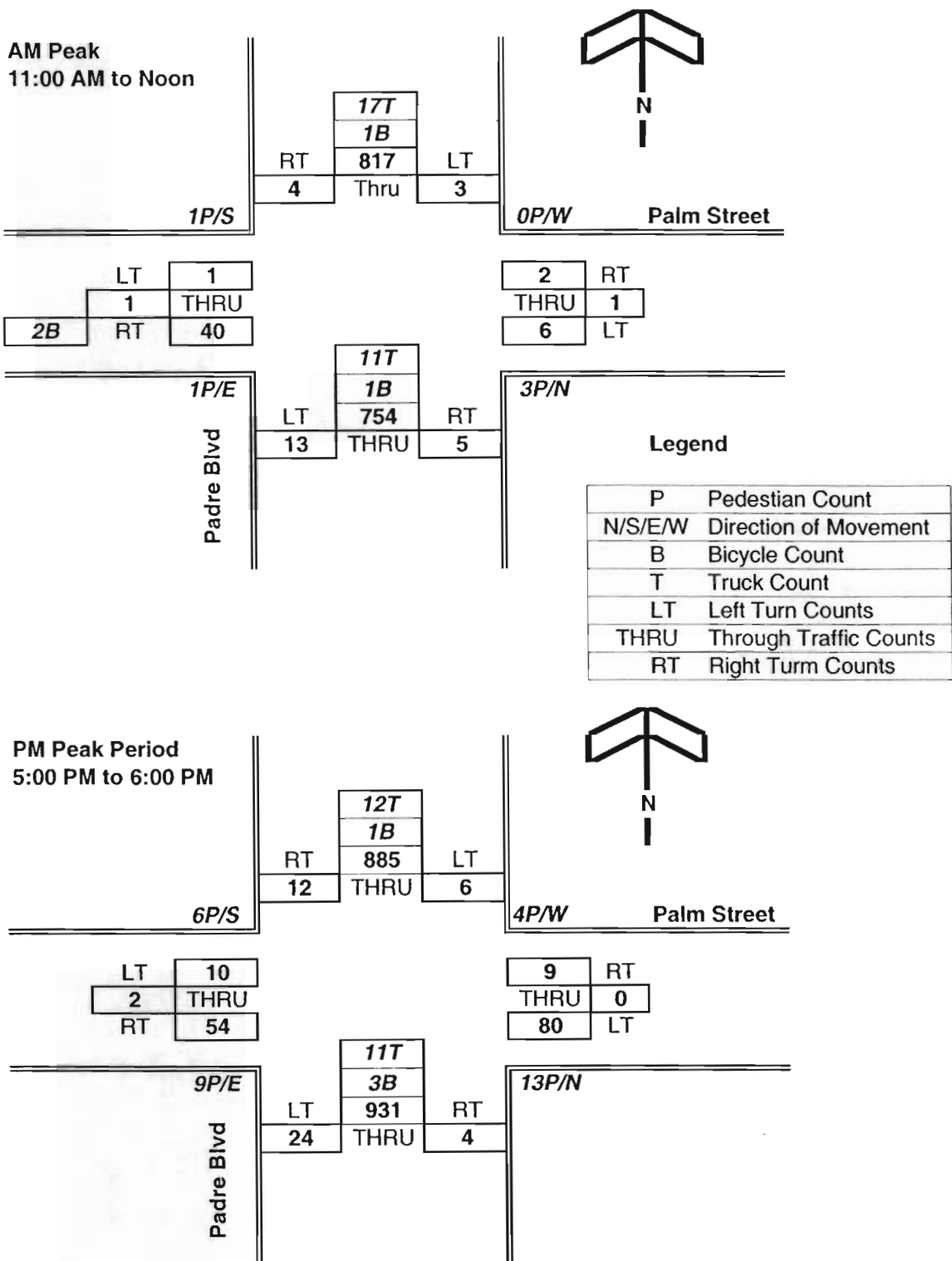
HR	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Begin	6/20/2004	6/21/2004	6/22/2004	6/23/2004	6/24/2004	6/25/2004	6/26/2004	6/27/2004
00	624	314	254	157	266	347	511	545
01	432	160	117	87	117	155	246	356
02	299	107	100	60	109	102	155	243
03	126	67	51	43	62	69	107	121
04	122	72	63	48	87	55	85	98
05	152	153	130	119	155	150	170	155
06	417	432	432	358	464	460	388	332
07	719	1,090	962	879	1,030	1,038	795	691
08	1,087	1,389	1,329	1,150	1,243	1,404	1,194	1,046
09	1,529	1,500	1,458	1,303	1,389	1,453	1,584	1,578
10	2,076	1,633	1,600	1,338	1,486	1,807	1,811	1,726
11	2,658	1,744	1,695	1,438	1,761	1,908	1,993	2,249
12	2,537	1,786	1,773	1,473	1,981	2,055	2,079	2,260
13	2,903	1,708	1,749	1,455	1,706	2,117	1,980	2,278
14	2,685	1,873	1,722	1,556	1,727	2,138	2,255	2,498
15	2,720	1,978	1,849	1,658	1,831	2,200	2,471	2,503
16	2,938	2,178	2,050	1,852	2,050	2,316	2,772	2,534
17	2,951	2,196	2,050	1,860	2,019	2,397	2,595	2,382
18	2,536	1,672	1,477	1,475	1,651	2,005	2,258	2,191
19	2,052	1,339	1,223	1,094	1,352	1,936	1,830	2,132
20	2,184	1,229	1,061	985	1,267	1,671	1,643	1,913
21	1,759	873	772	878	1,035	1,592	1,345	1,304
22	1,060	613	502	662	775	1,257	1,101	772
23	753	517	368	493	598	1,004	814	546
<b>Total</b>	37,319	26,623	24,787	22,421	26,161	31,636	32,182	32,453
<b>% of AADT</b>	127.8	91.2	84.9	76.8	89.6	108.4	110.2	111.1

<b>Grand Total</b>	233,582
<b>AADT</b>	29,198

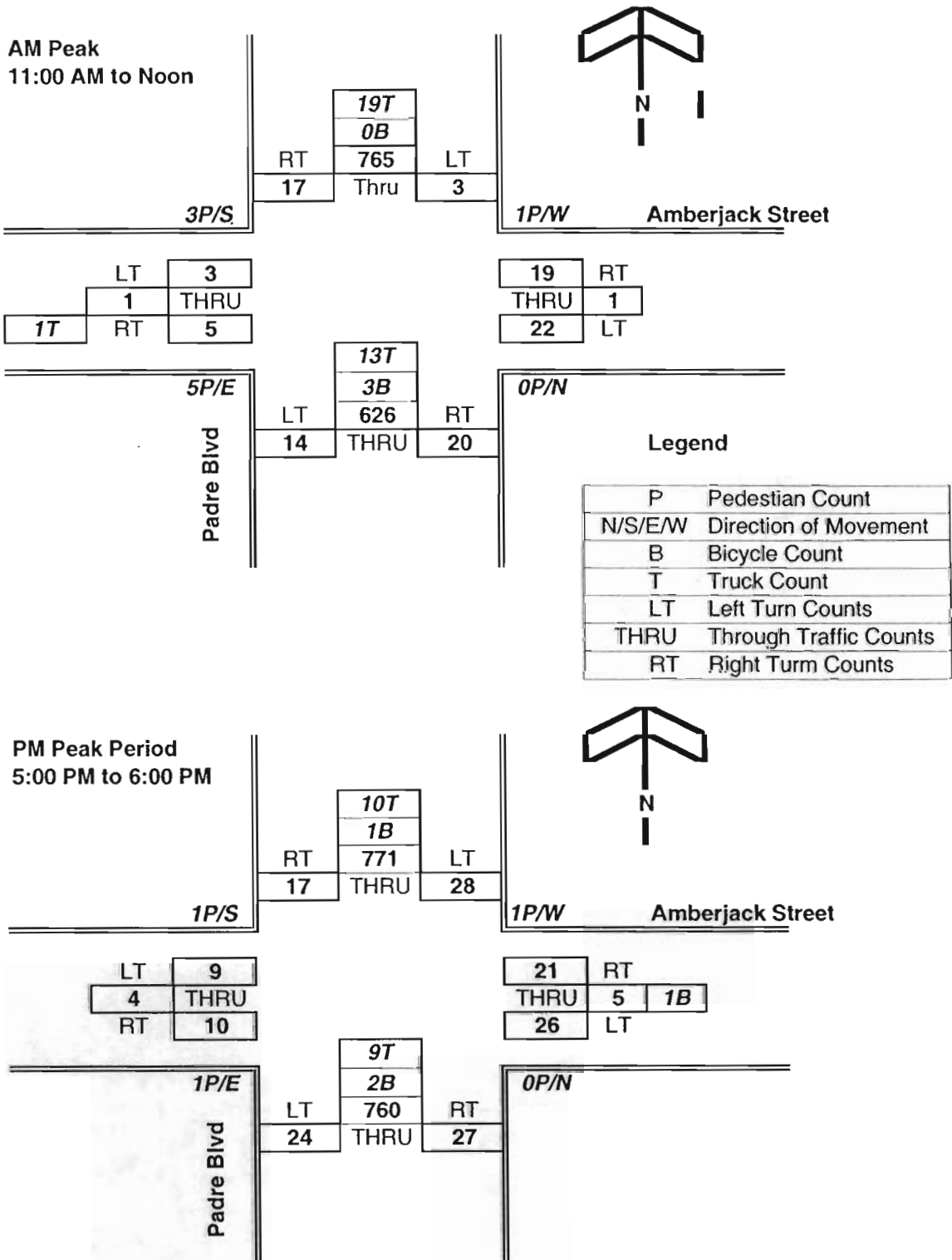




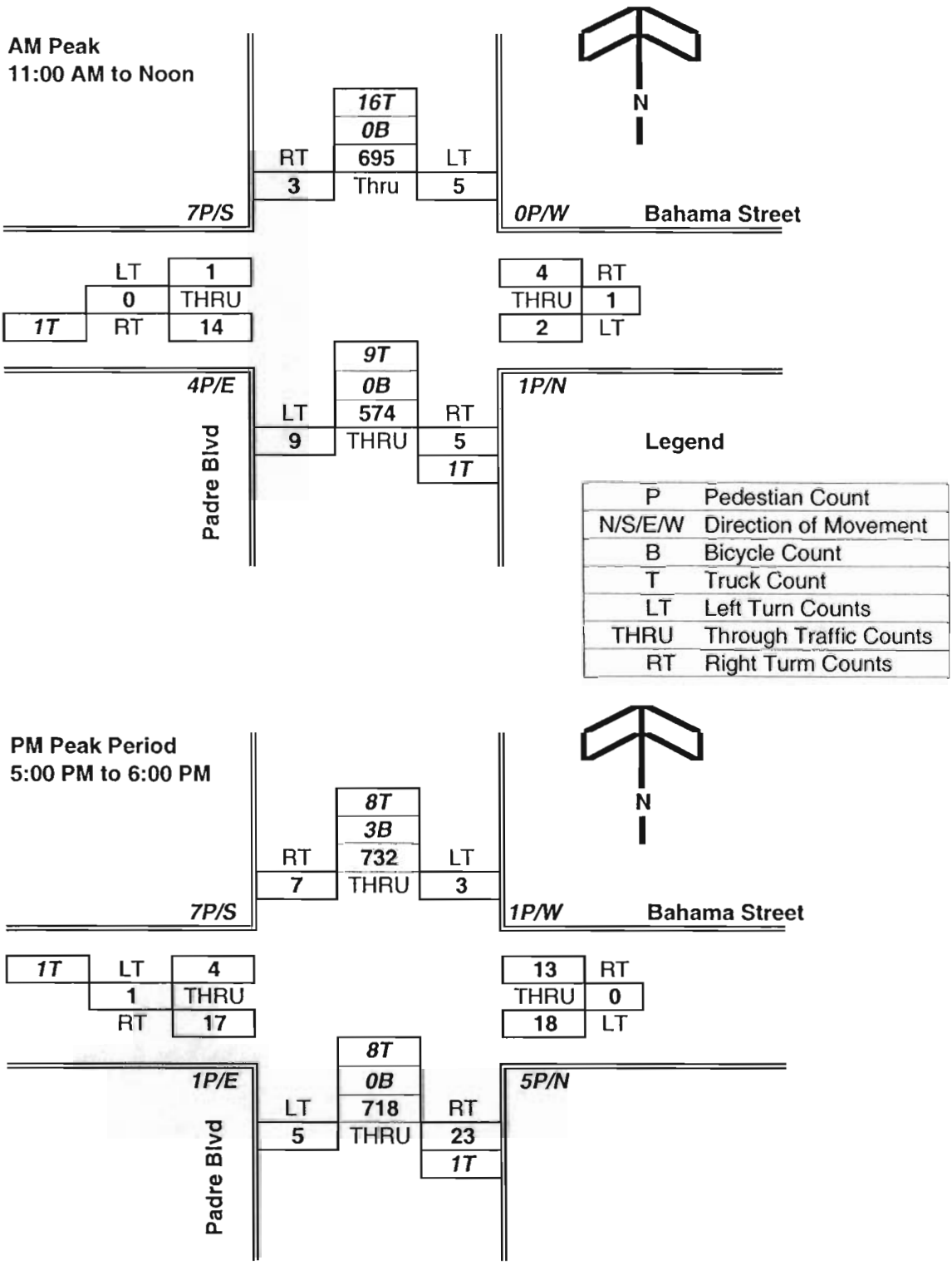
**Figure (1) - Intersection of Padre Blvd & Harbor Street  
Peak Hour Traffic Movements**



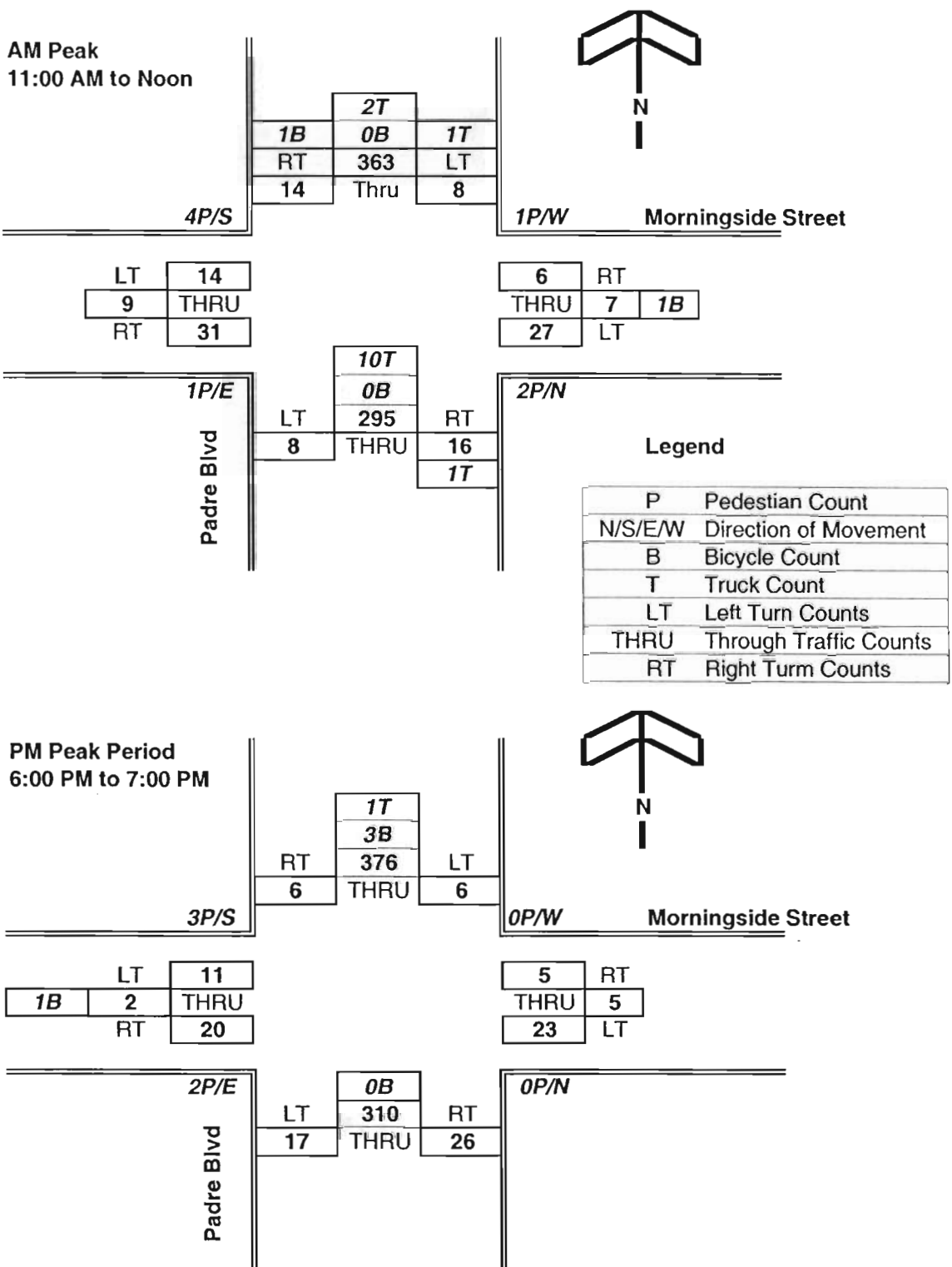
**Figure (2) - Intersection of Padre Blvd & Palm Street  
Peak Hour Traffic Movements**



**Figure (3) - Intersection of Padre Blvd & Amerjack Street  
Peak Hour Traffic Movements**



**Figure (4) - Intersection of Padre Blvd & Bahama Street  
Peak Hour Traffic Movements**



**Figure (5) - Intersection of Padre Blvd & Morningside Street  
Peak Hour Traffic Movements**

**ATTACHMENT A**

**Technical Memorandum #1  
Review of Existing Studies**

## **Attachment (A)**

### **List of Studies reviewed, South Padre Island, Texas**

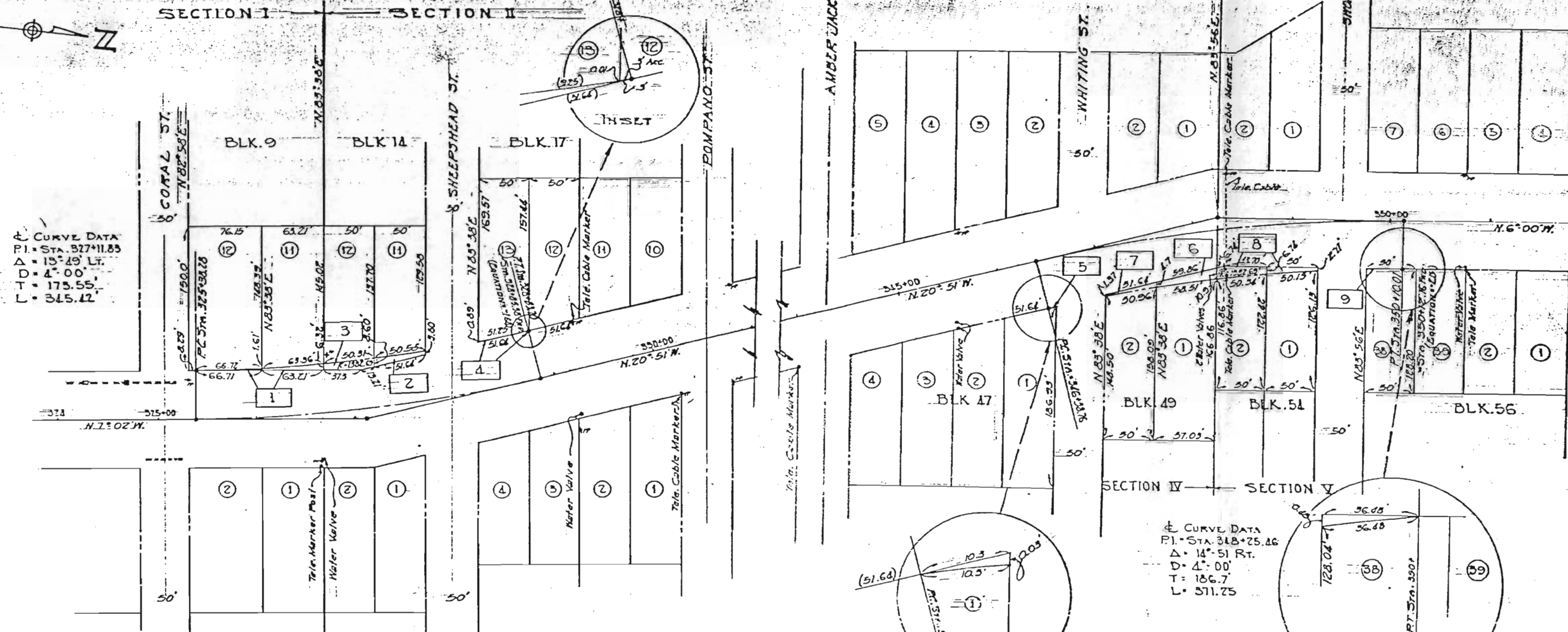
1. **South Padre Island Economic Index 1994-2002**, Rafael Otero, PH.D, February, 2003.
2. **South Padre Island Comprehensive Strategic Plan, Vision Statement**, Wallace Robert & Todd, LLC, February 2003.
3. **South Padre Island Community Enhancement Plan**, WRT/Solomon, October 2003.
4. **Draft Final Technical Memorandum, Second Access to South Padre Island**, Reynolds, Smith & Hills, Inc., November 2003.
5. **2002 – District Highway Traffic Map**, TxDOT - Pharr District, 2003.
6. **South Padre Island Zoning Ordinance**

**ATTACHMENT B**

**Technical Memorandum #1  
Right-of-Way Maps**



# PADRE BEACH DEVELOPMENTS



CURVE DATA  
 P.I. STA. 327+11.83  
 Δ = 13° 49' LT.  
 D = 4° 00'  
 T = 175.55'  
 L = 345.12'

CURVE DATA  
 P.I. STA. 348+25.46  
 Δ = 14° 51' RT.  
 D = 4° 00'  
 T = 186.7'  
 L = 511.75'

PADRE BEACH DEVELOPMENTS							
PARCEL No	SECTION	BLK.	LOT	OWNER	TYPE OF CONVEYANCE	CONVEYANCE Vol. Page	ACREAGE ACQUIRED
1	I	9	11	BILLY JOE KEENER	EASEMENT	873, 678-80	0.005 Ac.
1	I	9	12	BILLY JOE KEENER	EASEMENT	873, 678-80	0.001 Ac.
2	II	14	11	J. P. FRANKE & WIFE, TILLIE FRANKE	EASEMENT	873, 681-84	0.007 Ac.
5	II	14	12	RUDOLPH R. & ROBERTO RIVAS	EASEMENT	875, 420-23	0.009 Ac.
4	II	17	12	CHARLES L. DAVIS	EASEMENT	873, 685-88	(22 S.F.)
4	II	17	13	CHARLES L. DAVIS	EASEMENT	873, 685-88	
5	IV	47	1	L. B. HOUSTON	EASEMENT	874, 773-75	
6	IV	49	1	ELIZABETH DURANT	EASEMENT	873, 689-92	0.01 Ac.
7	IV	49	2	JACK L. ANDERSON	EASEMENT	873, 693-96	0.004 Ac.
8	V	54	1	BERTHOLD CARL HASS, ET UX	EASEMENT	873, 697-700	0.005 Ac.
8	V	54	2	BERTHOLD CARL HASS, ET UX	EASEMENT	873, 697-700	0.01 Ac.
9	V	56	38	CHARLES LEONARD PYBUS	EASEMENT	876, 978-81	(9 S.F.)

TEXAS HIGHWAY DEPARTMENT  
 CAMERON COUNTY  
 PR. 100  
 ADDITIONAL R.O.W.

999  
/40

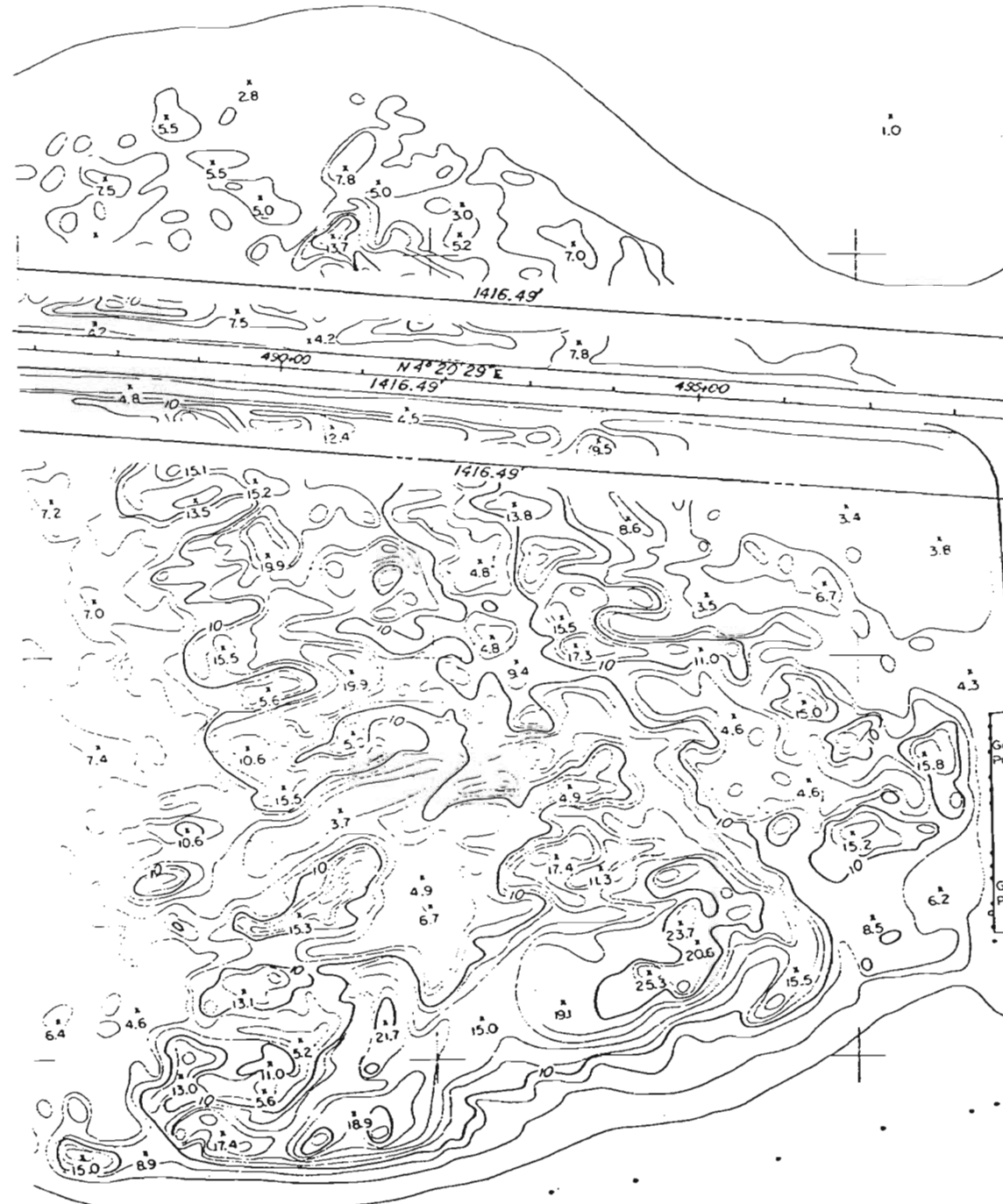
SCALE: 1" = 50'

FILE NO.	STATE	FEDERAL PROJECT NO.
21	TEXAS	C531-4
DATE	COUNTY	COM. DIST.
2/1/51	CAMERON	50/4





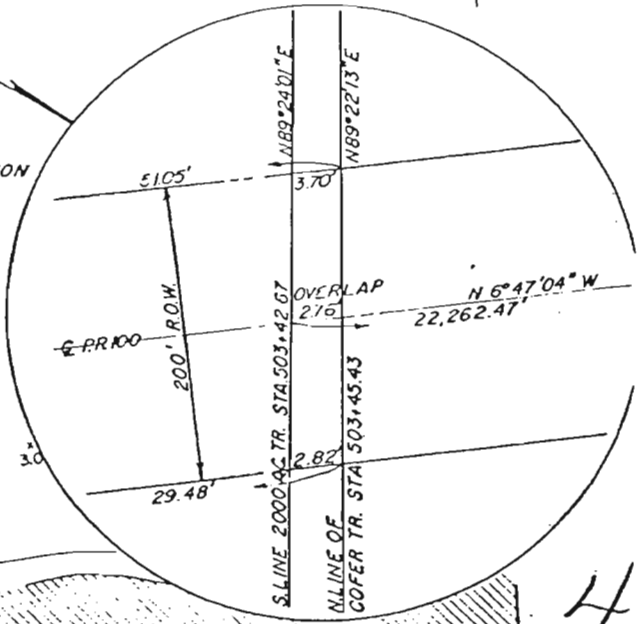
# P A D R E I S L A N D



**Q CURVE DATA**  
 PI = STA. 501+20.32  
 Δ = 11°07'33"  
 D = 3"  
 R = 1909.86'  
 T = 186.02'  
 L = 370.86'

**PARCEL NO. 2-E**  
 SOUTH PADRE INVESTMENT CORP. &  
 EDWIN B. ATWOOD, ET AL  
 ACQUIRED 3.00 AC.  
 VOL. 912 PAGE 939-50  
 VOL. 913 PAGE 1-10  
 VOL. 973 PAGE 22-31  
 VOL. 913 PAGE 690-702

**PARCEL NO. 2**  
 CARL A. SEGELQUIST  
 18.33 AC.  
 ACQUIRED: 1.04 AC.  
 VOL. 901 PAGE 336-39



FILE NO.	STATE	PROJECT NO.	DATE
21	TEXAS	5191 (3)	4
	CAMERON	331	5 1 PR

SEE INSET

PROP DRAINAGE EASEMENT

PP 1-1A-25  
1.0'

PROP 200' R.O.W.

SOUTH PADRE INVESTMENT CORPORATION AND EDWIN B. ATWOOD, ET AL

Guard Posts  
Approx.  
5.0'

NORTH LINE PARK  
 SOUTH LINE COFER TR.  
 NORTH LINE COFER TR.  
 SOUTH LINE 2000 ACRE TR.

2175' TO SHORE LINE  
N 89°30'31" E

P.C. STA. 499+34.10

Q STA. ON PROPERTY LINE  
STA. 501+15.83

P.T. STA. 503+05.16

N 89°22'13" E  
Q STA. ON PROPERTY LINE  
STA. 503+45.43

STA 503+89.42

515+00

N 6°47'04" W

22,270.49'

R=1909.86'

R=2009.86'

176.85'

174.60'

185.53'

194.20'

196.08'

22.78'

22,262.47'

N 4°20'29" E

1416.49'

1416.49'

1416.49'

1416.49'

1416.49'

1416.49'

1416.49'

1416.49'

1416.49'

1416.49'

1416.49'

1416.49'

1416.49'

1416.49'

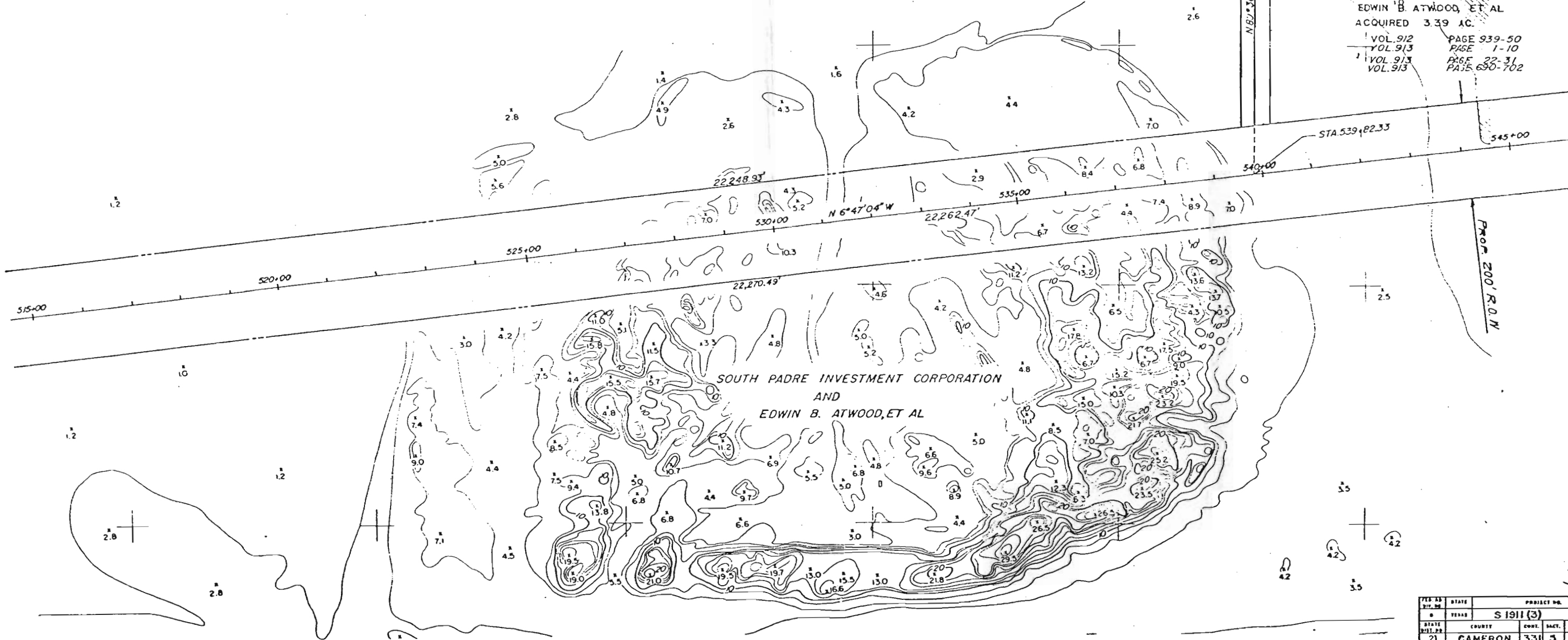
1416.49'



PASS TO SHOVED LINE

PRCP DRAINAGE EASEMENT

**PARCEL NO. 3-E**  
 SOUTH PADRE INVESTMENT CORP &  
 EDWIN B. ATWOOD, ET AL  
 ACQUIRED 3.39 AC.  
 VOL. 912 PAGE 939-50  
 VOL. 913 PAGE 1-10  
 VOL. 913 PAGE 22-31  
 VOL. 913 PAGE 650-702



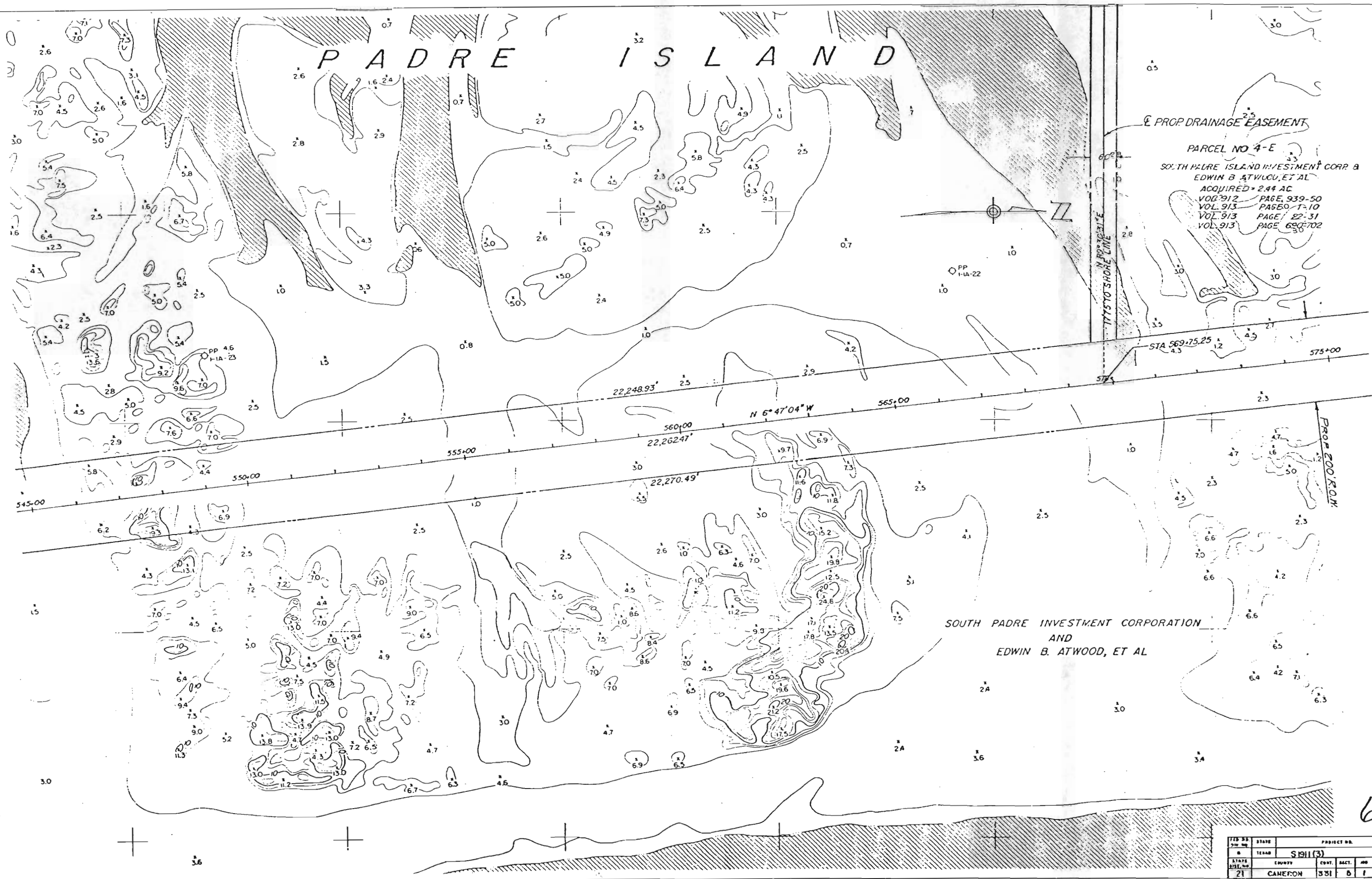
SOUTH PADRE INVESTMENT CORPORATION  
 AND  
 EDWIN B. ATWOOD, ET AL

PROP. 200' R.O.W.

FILE NO.	STATE	PROJECT NO.
21	TEXAS	S 1911 (3)
STATE DISTRICT	COUNTY	COOR. SECT. AND
21	CAMERON	331 5 1

3

# PADRE ISLAND



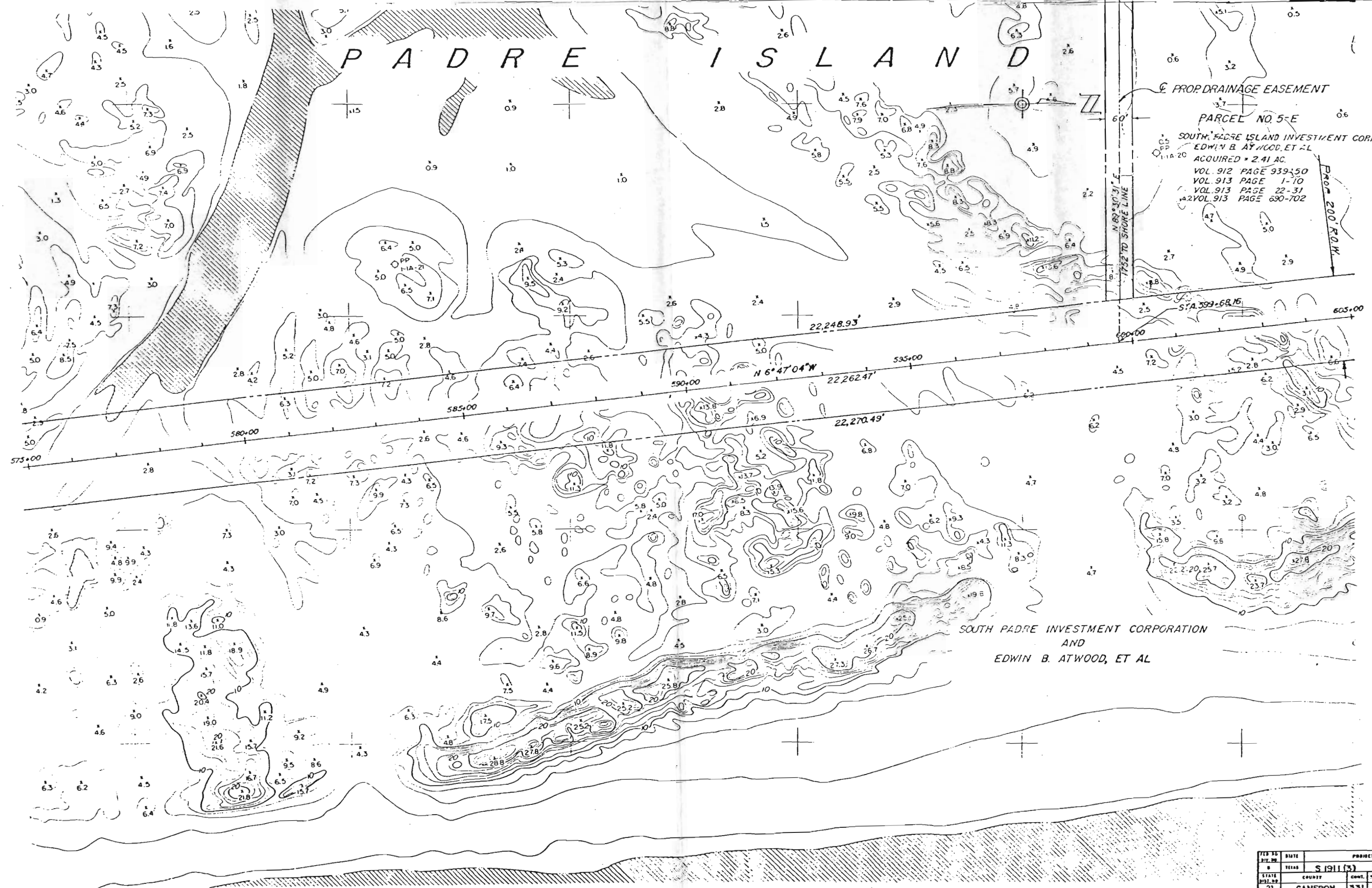
E PROP DRAINAGE EASEMENT  
 PARCEL NO 4-E  
 SOUTH PADRE ISLAND INVESTMENT CORP &  
 EDWIN B. ATWOOD, ET AL  
 ACQUIRED - 2.44 AC  
 VOL. 912 PAGE 939-50  
 VOL. 913 PAGE 1-10  
 VOL. 913 PAGE 22-31  
 VOL. 913 PAGE 65-702

SOUTH PADRE INVESTMENT CORPORATION  
 AND  
 EDWIN B. ATWOOD, ET AL

FED. REG. DIST. NO.	STATE	PROJECT NO.
0	TEXAS	S 1911 (3)
21	CARLETON	331 B 1 P

6

# PADRE ISLAND

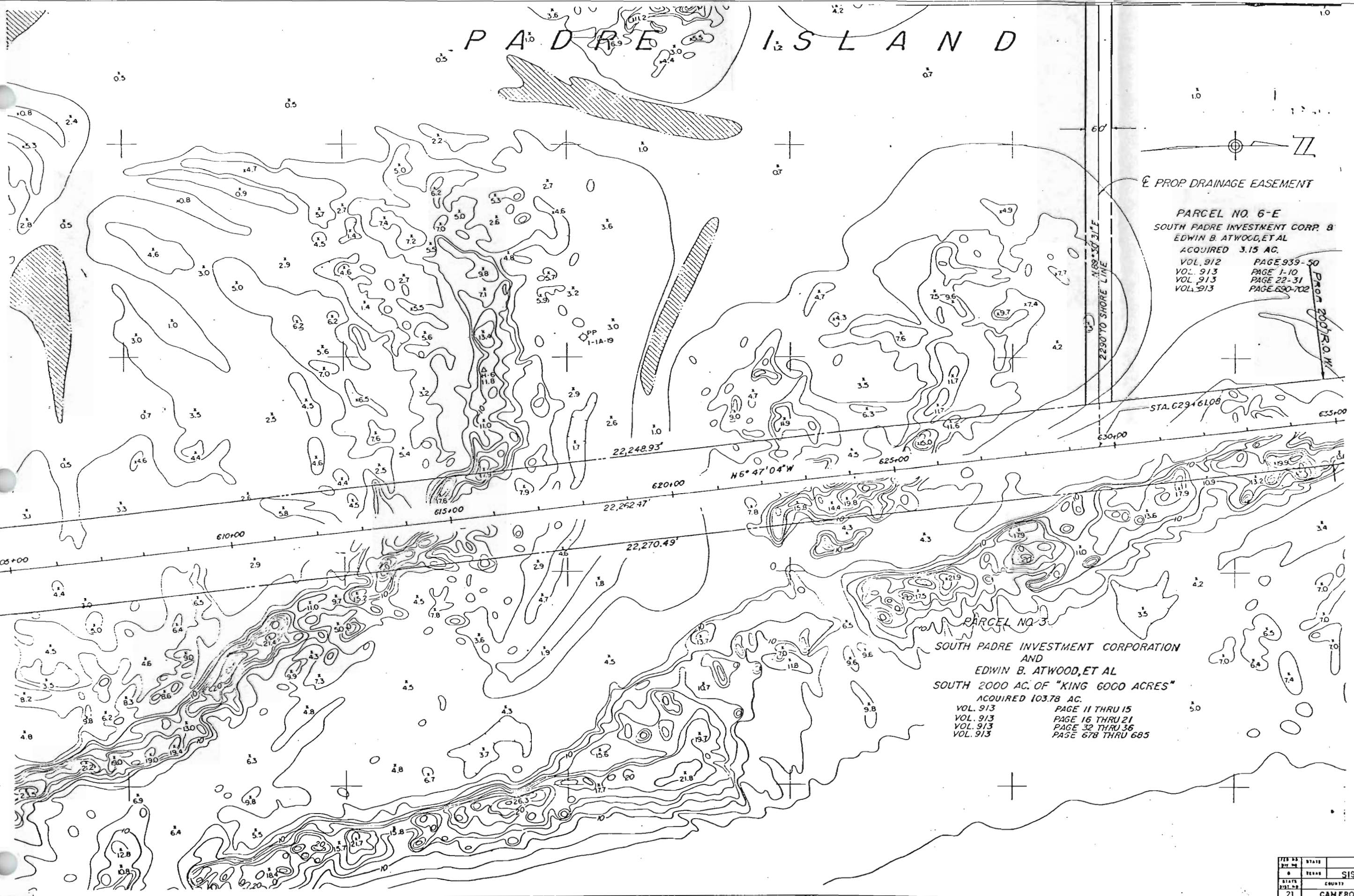



PROP. DRAINAGE EASEMENT  
 PARCEL NO. 5-E  
 SOUTH PADRE ISLAND INVESTMENT CORP &  
 EDWIN B. ATWOOD, ET AL  
 ACQUIRED - 2.41 AC.  
 VOL. 912 PAGE 939-50  
 VOL. 913 PAGE 1-10  
 VOL. 913 PAGE 22-31  
 VOL. 913 PAGE 690-702

SOUTH PADRE INVESTMENT CORPORATION  
 AND  
 EDWIN B. ATWOOD, ET AL

FED. DIST. NO.	DATE	PROJECT NO.
0	TEXAS	S 1911 (3)
STATE DIST. NO.	COUNTY	CONT. SHEET NO.
21	CANERON	331 5

# PADRE ISLAND



  
 E PROP DRAINAGE EASEMENT

**PARCEL NO. 6-E**  
 SOUTH PADRE INVESTMENT CORP. &  
 EDWIN B. ATWOOD, ET AL  
 ACQUIRED 3.15 AC.  
 VOL. 912 PAGE 939-50  
 VOL. 913 PAGE 1-10  
 VOL. 913 PAGE 22-31  
 VOL. 913 PAGE 690-702

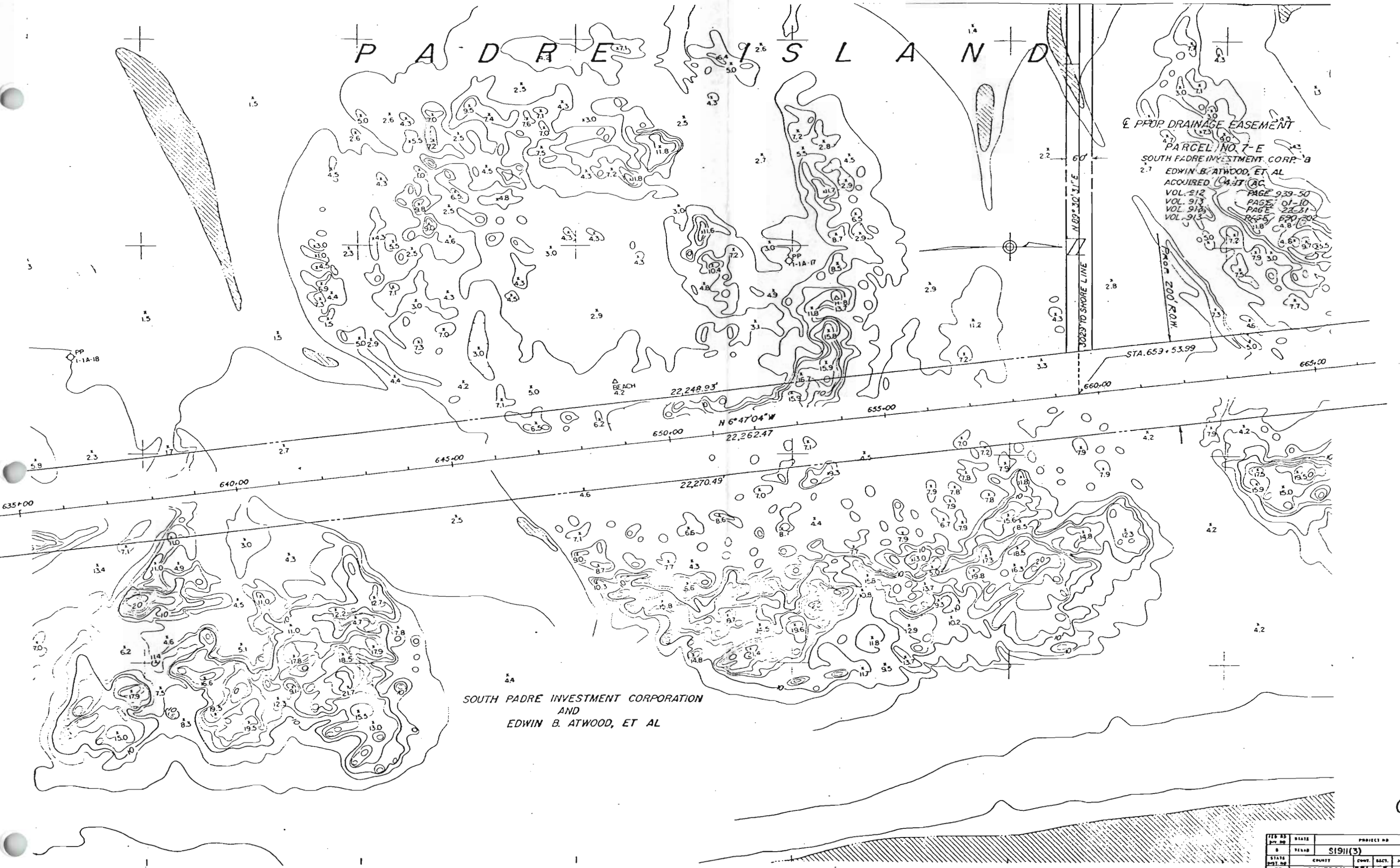
**PARCEL NO. 3**  
 SOUTH PADRE INVESTMENT CORPORATION  
 AND  
 EDWIN B. ATWOOD, ET AL  
 SOUTH 2000 AC. OF "KING 6000 ACRES"  
 ACQUIRED 103.78 AC.  
 VOL. 913 PAGE 11 THRU 15  
 VOL. 913 PAGE 16 THRU 21  
 VOL. 913 PAGE 32 THRU 36  
 VOL. 913 PAGE 678 THRU 685

FILE NO.	STATE	PROJECT NO.	SHEET NO.
0	TEXAS	S1911(3)	8
STATE DIST. NO.	COUNTY	CONT. DACT. JOB	McLAWAL NO.
21	CANERON	331 B 7	PR 100

# PADRE ISLAND

E PPIP DRAINAGE EASEMENT  
 PARCEL NO. 7-E  
 SOUTH PADRE INVESTMENT CORP. 'B'  
 EDWIN B. ATWOOD, ET AL  
 ACQUIRED 12/31/00  
 VOL. 212 PAGE 939-50  
 VOL. 213 PAGE 01-10  
 VOL. 215 PAGE 22-31  
 VOL. 213 PAGE 650-202  
 VOL. 213 PAGE 4.81

SOUTH PADRE INVESTMENT CORPORATION  
 AND  
 EDWIN B. ATWOOD, ET AL

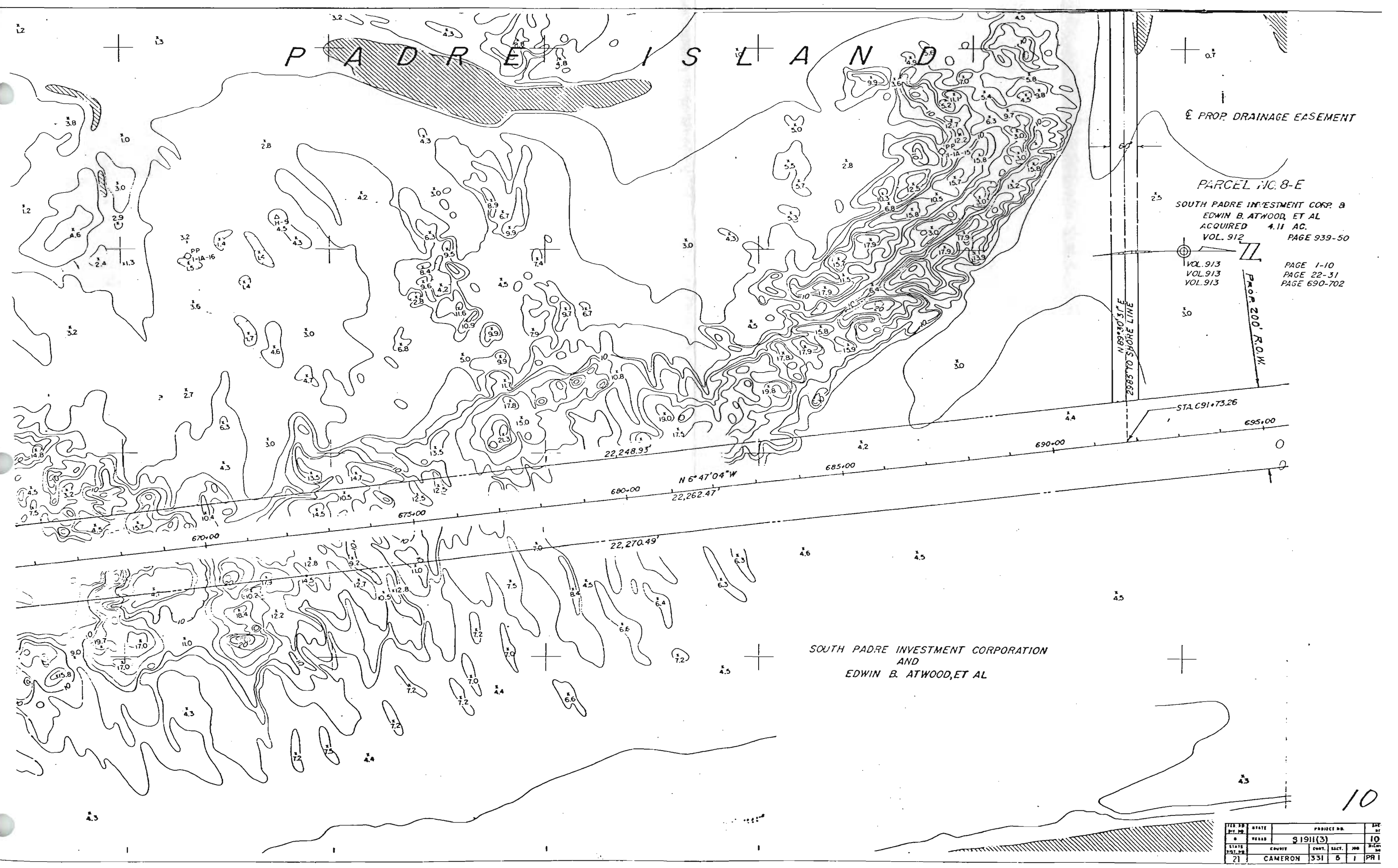


FILE NO.	STATE	PROJECT NO.	REV.		
21	TEXAS	S1911(3)	5		
STATE	COUNTY	CONV.	SACCT.	JOB	DATE
21	CAMERON	351	5	1	PR





# PADRE ISLAND



± PROP DRAINAGE EASEMENT

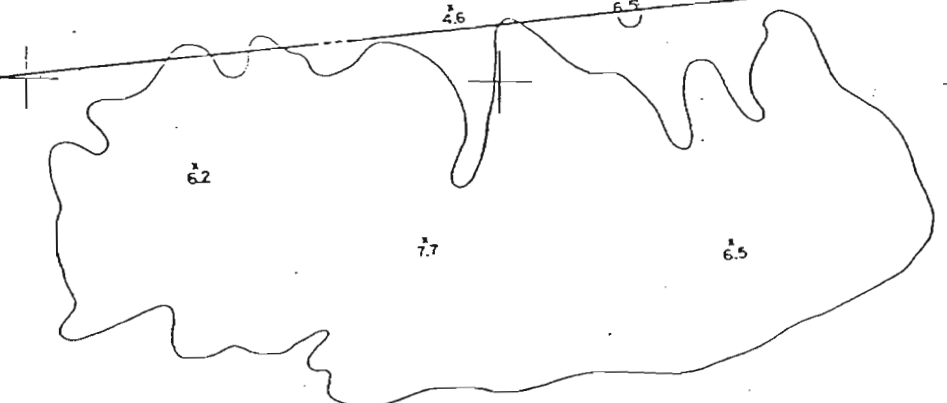
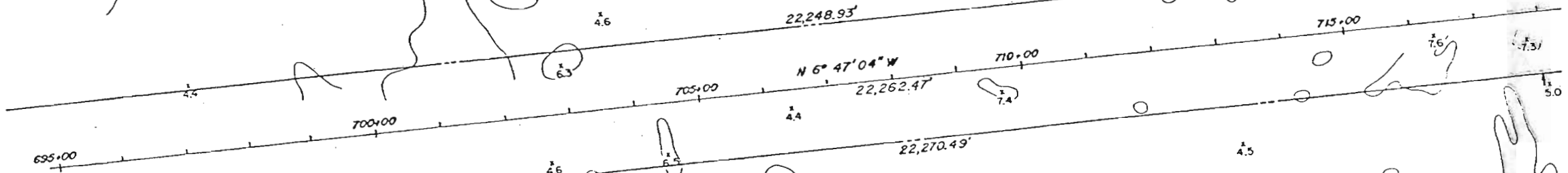
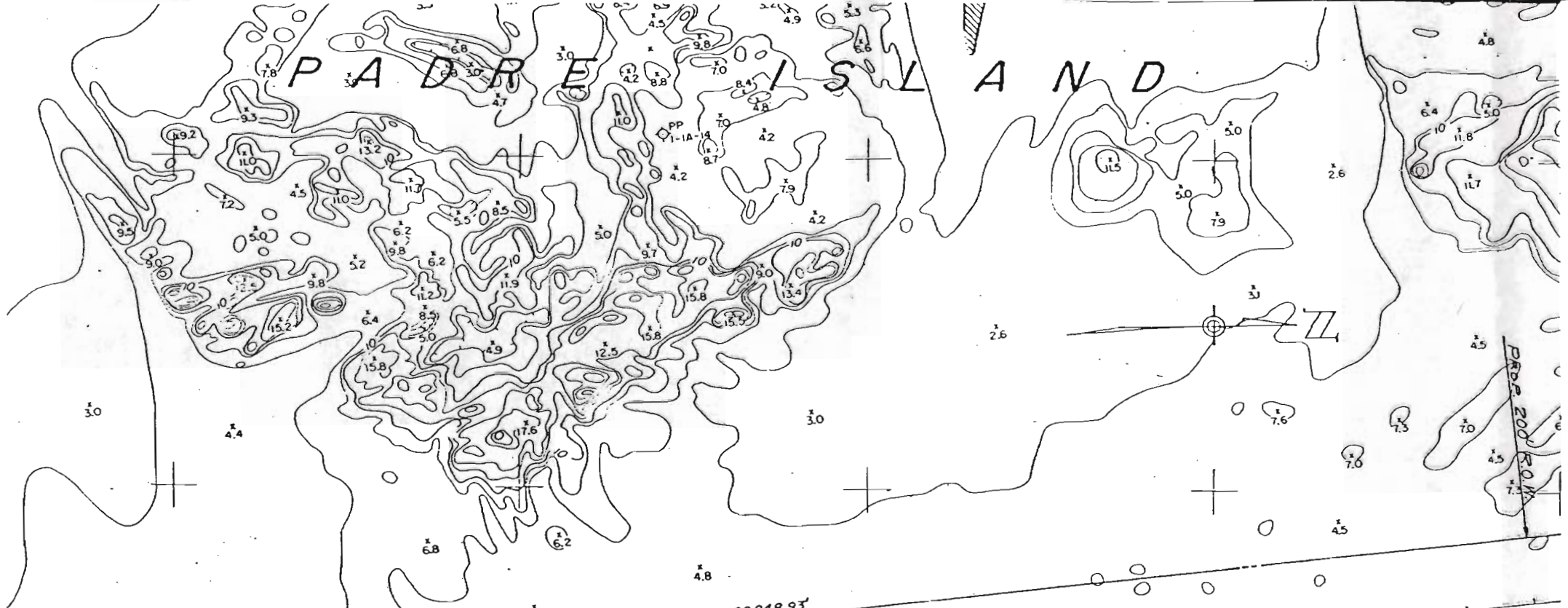
PARCEL NO. 8-E  
 SOUTH PADRE INVESTMENT CORP. &  
 EDWIN B. ATWOOD, ET AL  
 ACQUIRED 4.11 AC.  
 VOL. 912 PAGE 939-50  
 VOL. 913 PAGE 1-10  
 VOL. 913 PAGE 22-31  
 VOL. 913 PAGE 690-702

FROM 200' ROW

SOUTH PADRE INVESTMENT CORPORATION  
 AND  
 EDWIN B. ATWOOD, ET AL

10

FILE NO.	STATE	PROJECT NO.	SHEET NO.
21	TEXAS	91911(3)	10
STATE DIST. NO.	COUNTY	CONT. SACT. JOB	SHEET NO.
21	CAMERON	351 6 1	PR 1

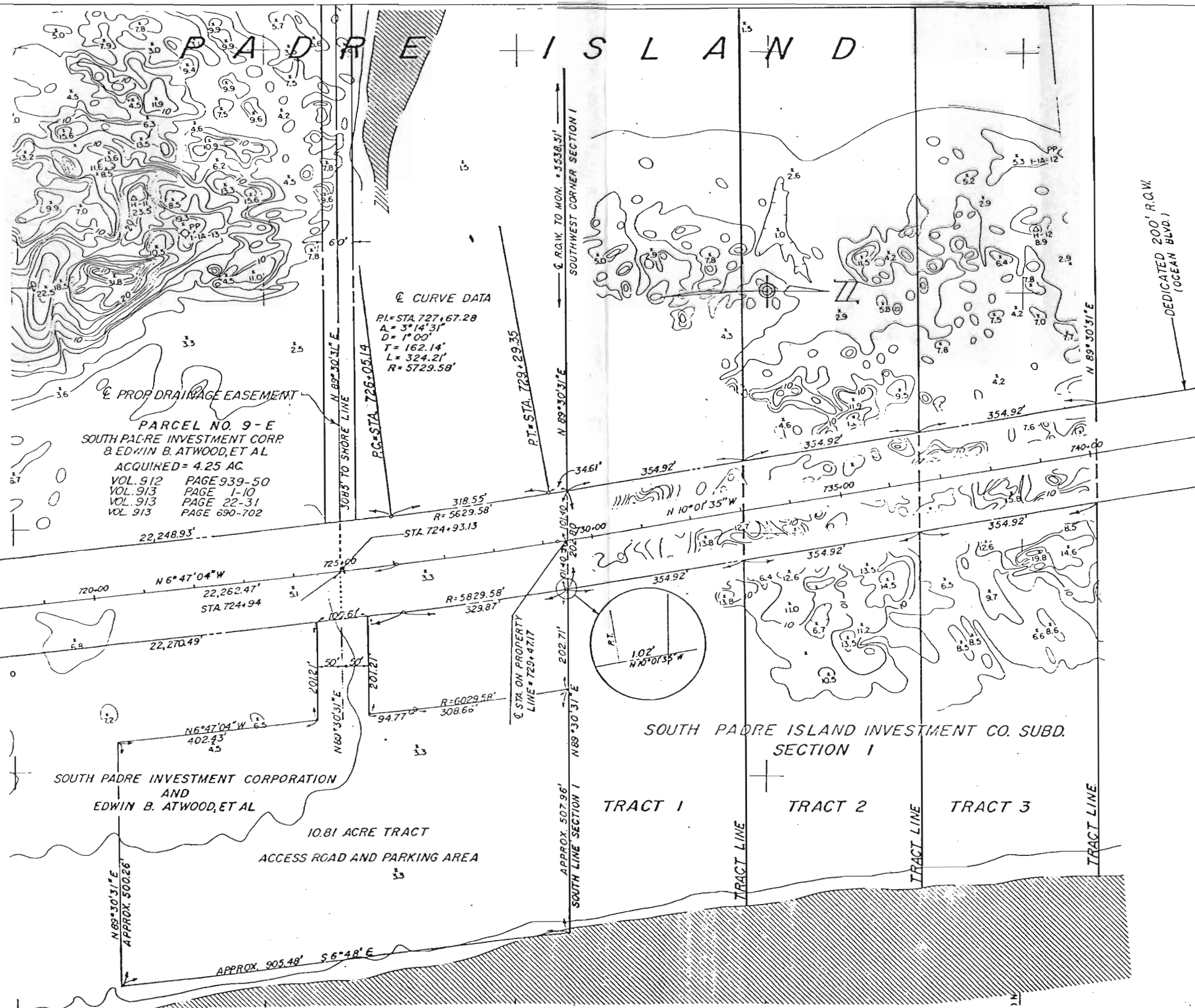


SOUTH PADRE INVESTMENT CORPORATION  
AND  
EDWIN B. ATWOOD, ET AL



FED. REG. DIST. NO.	STATE	PROJECT NO.
21	TEXAS	S 1911 (3)
	COUNTY	CONV. SECT. PLOT
	CAMERON	331 5 1

11



**© CURVE DATA**  
 PI = STA 727 + 67.28  
 Δ = 3° 14' 31"  
 D = 1° 00"  
 T = 162.14'  
 L = 324.21'  
 R = 5729.58'

**PARCEL NO. 9 - E**  
 SOUTH PADRE INVESTMENT CORP.  
 & EDWIN B. ATWOOD, ET AL  
 ACQUIRED = 4.25 AC  
 VOL. 912 PAGE 939-50  
 VOL. 913 PAGE 1-10  
 VOL. 913 PAGE 22-31  
 VOL. 913 PAGE 690-702

SOUTH PADRE INVESTMENT CORPORATION  
 AND  
 EDWIN B. ATWOOD, ET AL

10.81 ACRE TRACT  
 ACCESS ROAD AND PARKING AREA

SOUTH PADRE ISLAND INVESTMENT CO. SUBD.  
 SECTION 1

TRACT 1 TRACT 2 TRACT 3

FEE NO.	STATE	PROJECT NO.
8	TEXAS	S 1911 (3)
DATE 08/11/09	COUNTY	COMP. SECT. JOB NO.
21	CAMERON	331 5 1 PR

12

# PADRE ISLAND

PARCEL NO. 10-E  
TRACT 4  
BAYVIEW GULFVIEW ACS, INC.  
ACQUIRED = 2.30 ACS.  
VOL. 906 PAGE 22-25

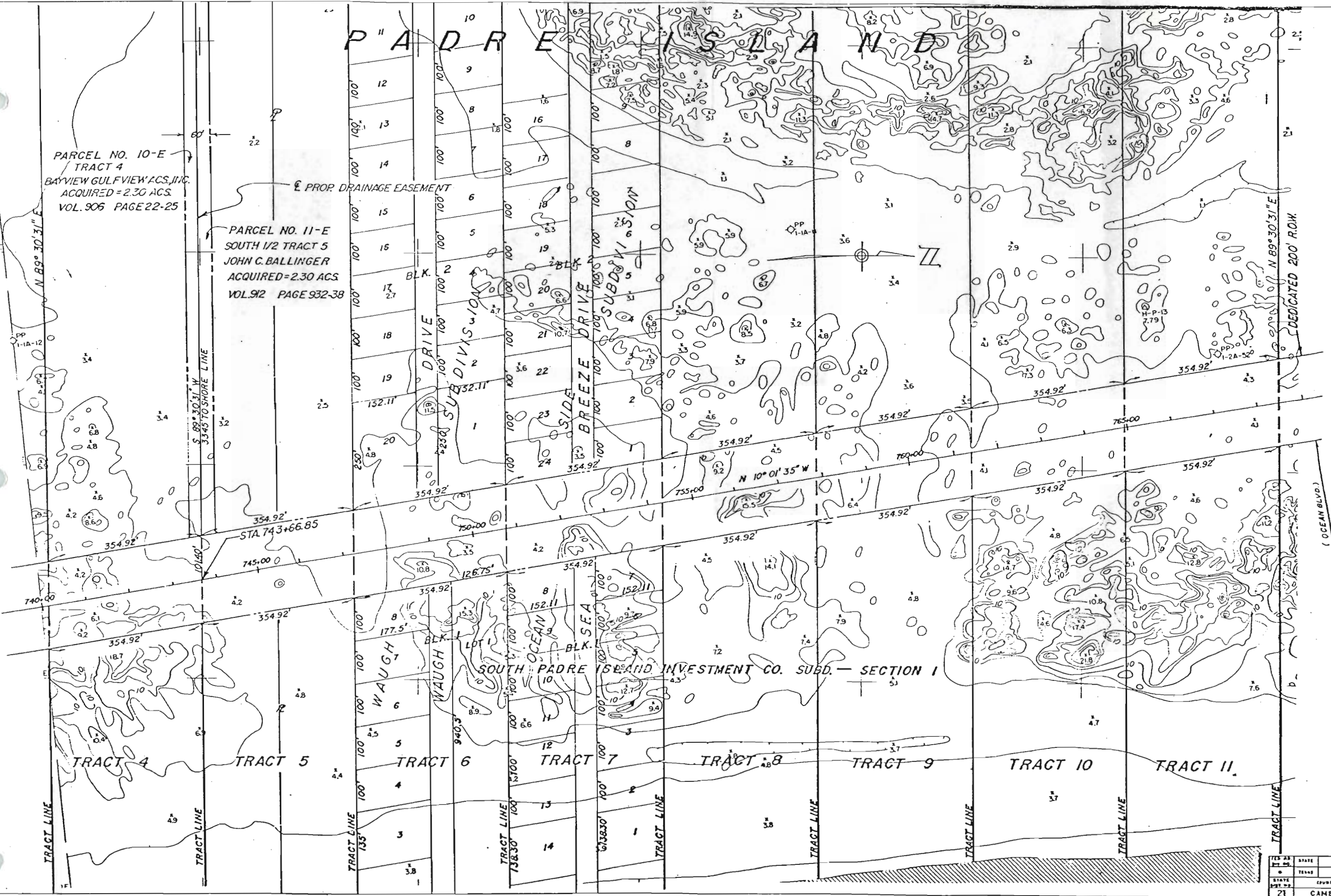
PARCEL NO. 11-E  
SOUTH 1/2 TRACT 5  
JOHN C. BALLINGER  
ACQUIRED = 2.30 ACS  
VOL. 912 PAGE 932-38

PROP. DRAINAGE EASEMENT

DRIVE  
SUBDIVISION  
BREEZE DRIVE  
SIDE DRIVE

SOUTH PADRE ISLAND INVESTMENT CO. SUBD. - SECTION I

TRACT 4      TRACT 5      TRACT 6      TRACT 7      TRACT 8      TRACT 9      TRACT 10      TRACT 11



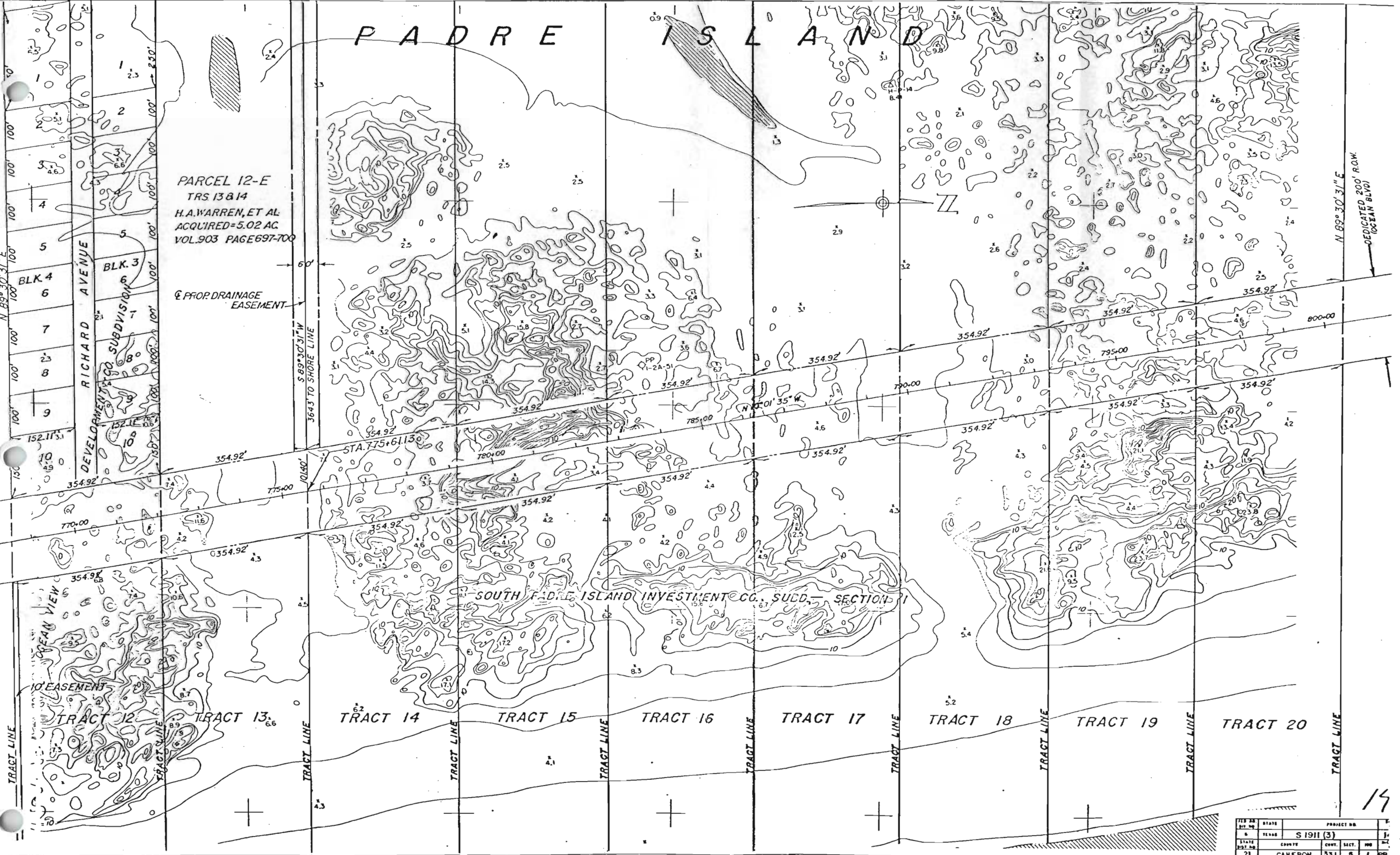
STATE	PROJECT NO.
TEXAS	S1911 (3)
COUNTY	COM. SECT. P.
21	CAMERON 331 8 1 P.

# PADRE ISLAND

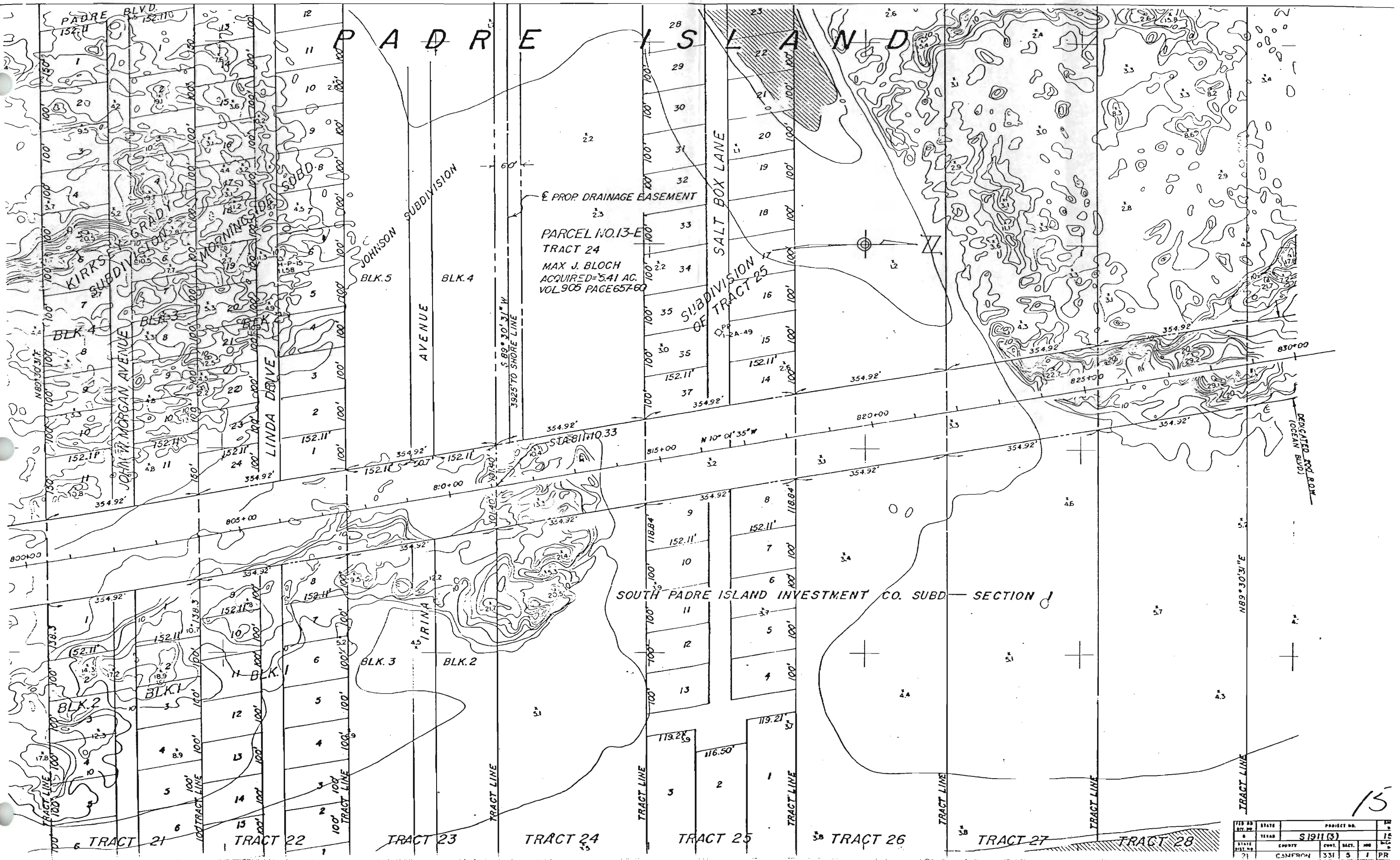
PARCEL 12-E  
 TRS 13814  
 H.A. WARREN, ET AL  
 ACQUIRED-5.02 AC  
 VOL. 903 PAGE 697-700

PROP. DRAINAGE  
 EASEMENT

SOUTH PADRE ISLAND INVESTMENT CO., SUDD. SECTION 1



STATE		PROJECT NO.	
21	CANERON	531	5
COUNTY		SECTION	
CANTON		FR	



FILE NO.	STATE	PROJECT NO.	
10	TEXAS	S 1911 (3)	15
COUNTY	COUNT.	SAC.	JOB
COMFRO	331	5	1 PR

# P A D R E I S L A N D

PARCEL 17-E  
 TRACTS 49 & 50  
 HERBERT L. DILLON  
 ACQUIRED = 4.37 AC.  
 VOL. 895 PAGE 659-62

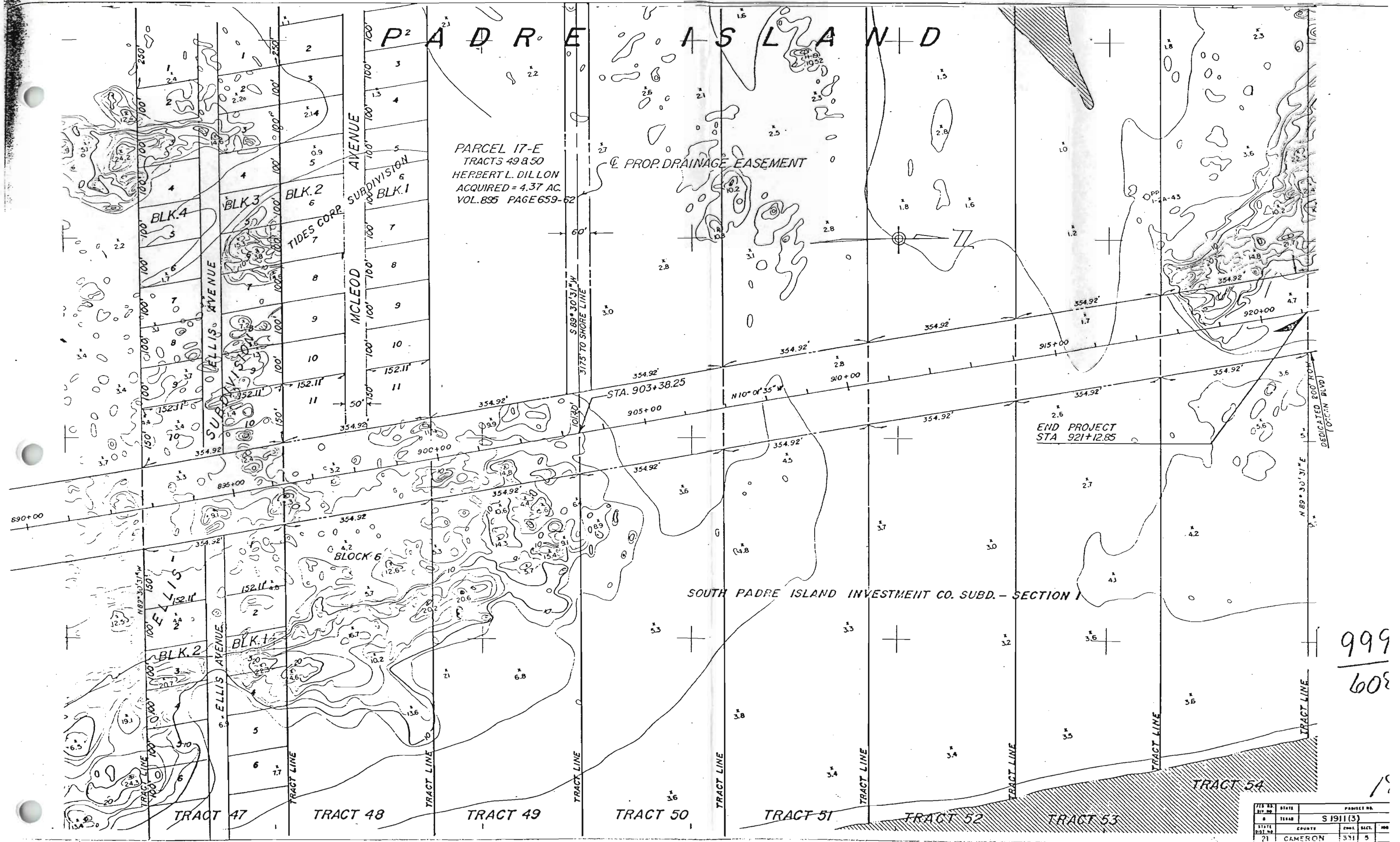
PROP. DRAINAGE EASEMENT

END PROJECT  
 STA 921+12.85

SOUTH PADRE ISLAND INVESTMENT CO. SUBD. - SECTION I

999  
 608

PLAT NO.	STATE	PARCEL NO.
8	TEXAS	S 1911(3)
STATE DIST. NO.	COUNTY	COAL. SECT.
21	CAMERON	531 5



**ATTACHMENT C**

**Technical Memorandum #1  
Field Traffic Counts**



Site Name PADRE BLVD B/T LING & MARLIN - SB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 47  
 Direction None  
 Date 6/19/2004  
 Real Time 23:56  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 47

Sunday, June 27, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	393	113	107	99	74										
01	267	65	65	54	83										
02	166	79	33	30	24										
03	64	24	13	16	11										
04	65	22	14	18	11										
05	57	13	12	23	9										
06	101	18	32	28	23										
07	231	49	43	58	81										
08	373	77	84	101	111										
09	653	152	131	187	183										
10	859	187	190	221	261										
11	1008	231	237	257	283										
12	945	252	257	214	222										
13	772	198	219	181	174										
14	776	195	184	207	190										
15	876	197	225	232	222										
16	918	235	252	208	223										
17	983	250	252	237	244										
18	1015	272	253	225	265										
19	1138	243	284	293	318										
20	1210	285	314	308	303										
21	848	293	225	199	131										
22	492	135	113	136	108										
23	310	107	79	67	57										
	14520	Total				Total					Total				

Channel 1

AM Peak Hour Start 11:00  
 AM Peak Hour Total 1008  
 AM Peak Hour Factor 89.05 %  
 PM Peak Hour Start 19:45  
 PM Peak Hour Total 1225  
 PM Peak Hour Factor 96.31 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T ACAPULCO & KINGFISH - NB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 1  
 Direction None  
 Date 6/19/2004  
 Real Time 23:52  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 1

Sunday, June 20, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	279	83	76	61	59										
01	242	59	48	56	79										
02	218	89	69	34	26										
03	72	24	16	17	15										
04	49	11	9	12	17										
05	40	7	6	14	13										
06	117	18	35	24	40										
07	268	53	53	77	85										
08	472	87	90	138	157										
09	671	143	175	174	179										
10	848	202	203	226	217										
11	1089	293	283	270	243										
12	1193	293	291	315	294										
13	1321	317	340	331	333										
14	1295	324	321	320	330										
15	1330	378	323	314	315										
16	1374	336	334	388	316										
17	1123	302	251	301	269										
18	988	241	245	243	259										
19	953	250	257	242	204										
20	789	225	198	193	173										
21	671	180	183	167	141										
22	423	120	116	88	99										
23	215	71	64	46	34										
	16040	Total				Total					Total				

Channel 1

AM Peak Hour Start 11:00  
 AM Peak Hour Total 1089  
 AM Peak Hour Factor 92.92 %  
 PM Peak Hour Start 16:00  
 PM Peak Hour Total 1374  
 PM Peak Hour Factor 88.53 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T ACAPULCO & KINGFISH - NB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 1  
 Direction None  
 Date 6/19/2004  
 Real Time 23:52  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 1

Monday, June 21, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	118	44	39	24	11										
01	75	20	19	18	18										
02	69	26	27	9	7										
03	25	2	10	4	9										
04	15	6	2	2	5										
05	32	4	9	7	12										
06	140	25	29	30	56										
07	356	61	57	112	126										
08	508	131	108	139	130										
09	657	162	164	160	171										
10	658	171	178	142	167										
11	741	177	194	169	201										
12	835	238	165	228	204										
13	931	213	261	231	226										
14	886	194	235	240	217										
15	898	239	208	220	231										
16	919	217	231	263	208										
17	895	218	213	231	233										
18	803	194	222	185	202										
19	832	229	205	214	184										
20	677	182	166	148	181										
21	623	175	160	157	131										
22	437	117	101	117	102										
23	211	68	53	46	44										
	12341	Total				Total					Total				

Channel 1

AM Peak Hour Start 11:00  
 AM Peak Hour Total 741  
 AM Peak Hour Factor 92.16 %  
 PM Peak Hour Start 15:45  
 PM Peak Hour Total 942  
 PM Peak Hour Factor 89.54 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T ACAPULCO & KINGFISH - NB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 1  
 Direction None  
 Date 6/19/2004  
 Real Time 23:52  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 1

Tuesday, June 22, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	129	52	35	21	21										
01	68	19	19	5	25										
02	47	17	9	9	12										
03	22	6	6	3	7										
04	23	7	6	5	5										
05	29	3	6	6	14										
06	120	18	23	32	47										
07	320	55	60	67	138										
08	539	105	134	137	163										
09	682	142	174	162	204										
10	742	194	192	176	180										
11	772	171	180	191	230										
12	920	245	238	217	220										
13	827	194	191	242	200										
14	905	243	230	215	217										
15	862	224	220	201	217										
16	889	239	182	230	238										
17	852	245	199	213	195										
18	789	193	202	194	200										
19	798	240	166	181	211										
20	711	175	166	175	195										
21	646	177	161	177	131										
22	317	101	81	78	57										
23	156	56	42	33	25										
	12165	Total				Total					Total				

Channel 1

AM Peak Hour Start 11:00  
 AM Peak Hour Total 772  
 AM Peak Hour Factor 83.91 %  
 PM Peak Hour Start 12:00  
 PM Peak Hour Total 920  
 PM Peak Hour Factor 93.88 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T ACAPULCO & KINGFISH - NB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 1  
 Direction None  
 Date 6/19/2004  
 Real Time 23:52  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 1

Wednesday, June 23, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	70	29	21	14	6										
01	52	13	16	13	10										
02	40	17	11	5	7										
03	24	8	5	6	5										
04	10	2	1	5	2										
05	27	0	8	7	12										
06	89	16	10	19	44										
07	269	43	52	69	105										
08	470	118	106	119	127										
09	635	171	147	150	167										
10	630	159	142	168	161										
11	800	188	162	214	236										
12	891	208	249	226	208										
13	892	233	208	227	224										
14	917	233	245	214	225										
15	820	184	186	244	206										
16	983	262	213	231	277										
17	830	247	209	176	198										
18	943	238	231	221	253										
19	846	248	214	186	198										
20	683	163	170	171	179										
21	604	162	140	166	136										
22	407	118	103	102	84										
23	227	75	64	52	36										
	12159	Total				Total					Total				

Channel 1

AM Peak Hour Start 11:00  
 AM Peak Hour Total 800  
 AM Peak Hour Factor 84.75 %  
 PM Peak Hour Start 16:00  
 PM Peak Hour Total 983  
 PM Peak Hour Factor 88.72 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T ACAPULCO & KINGFISH - NB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 1  
 Direction None  
 Date 6/19/2004  
 Real Time 23:52  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 1

Thursday, June 24, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	133	46	44	25	18										
01	89	26	20	21	22										
02	48	20	19	4	5										
03	33	15	7	7	4										
04	21	5	9	0	7										
05	33	5	5	14	9										
06	145	15	31	38	61										
07	369	52	57	103	157										
08	592	146	149	126	171										
09	738	202	178	184	174										
10	711	186	153	176	196										
11	733	179	146	202	206										
12	1003	248	278	240	237										
13	815	233	214	161	207										
14	747	225	168	172	182										
15	753	191	189	172	201										
16	854	200	226	215	213										
17	759	204	198	169	188										
18	846	219	212	183	232										
19	771	189	180	199	203										
20	711	166	179	177	189										
21	688	170	198	158	162										
22	468	124	116	119	109										
23	289	87	79	66	57										
	12349	Total				Total					Total				

Channel 1

AM Peak Hour Start 09:00  
 AM Peak Hour Total 738  
 AM Peak Hour Factor 91.34 %  
 PM Peak Hour Start 12:00  
 PM Peak Hour Total 1003  
 PM Peak Hour Factor 90.20 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T ACAPULCO & KINGFISH - NB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 1  
 Direction None  
 Date 6/19/2004  
 Real Time 23:52  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 1

Friday, June 25, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	171	65	51	30	25										
01	100	32	20	20	28										
02	55	18	12	10	15										
03	38	15	10	4	9										
04	23	4	9	0	10										
05	43	9	7	4	23										
06	142	25	26	31	60										
07	351	57	62	93	139										
08	603	136	165	140	162										
09	682	162	174	155	191										
10	743	183	182	203	175										
11	745	180	187	177	201										
12	934	247	207	214	266										
13	968	231	243	236	258										
14	897	230	246	216	205										
15	921	247	202	209	263										
16	935	212	245	223	255										
17	965	265	219	223	258										
18	915	230	234	210	241										
19	969	251	217	247	254										
20	868	234	235	210	189										
21	855	206	178	246	225										
22	756	224	155	203	174										
23	526	141	156	139	90										
	14205	Total				Total					Total				

Channel 1

AM Peak Hour Start 09:45  
 AM Peak Hour Total 759  
 AM Peak Hour Factor 93.47 %  
 PM Peak Hour Start 16:15  
 PM Peak Hour Total 988  
 PM Peak Hour Factor 93.21 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T ACAPULCO & KINGFISH - NB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 1  
 Direction None  
 Date 6/19/2004  
 Real Time 23:52  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 1

Saturday, June 26, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	218	64	69	45	40										
01	156	49	35	36	36										
02	123	67	28	14	14										
03	45	15	10	14	6										
04	22	3	5	10	4										
05	37	6	6	8	17										
06	110	20	22	26	42										
07	255	44	50	61	100										
08	459	110	115	114	120										
09	713	143	154	157	259										
10	1133	284	269	304	276										
11	1349	346	314	328	361										
12	1483	374	358	352	399										
13	1425	319	384	350	372										
14	1492	350	386	359	397										
15	1490	390	374	380	346										
16	1179	314	322	269	274										
17	1016	264	249	240	263										
18	1156	277	265	297	317										
19	1018	274	252	249	243										
20	878	216	190	247	225										
21	806	214	206	209	177										
22	614	173	141	162	138										
23	464	121	122	129	92										
	17641	Total				Total					Total				

Channel 1

AM Peak Hour Start 11:00  
 AM Peak Hour Total 1349  
 AM Peak Hour Factor 93.42 %  
 PM Peak Hour Start 14:45  
 PM Peak Hour Total 1541  
 PM Peak Hour Factor 97.04 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor



Site Name PADRE BLVD B/T ACAPULCO & KINGFISH - NB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 1  
 Direction None  
 Date 6/19/2004  
 Real Time 23:52  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 1

Sunday, June 27, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	258	76	63	58	61										
01	201	49	39	47	66										
02	134	68	34	15	17										
03	48	18	14	8	8										
04	32	10	6	7	9										
05	47	7	15	7	18										
06	106	15	23	28	40										
07	180	36	20	59	65										
08	320	73	72	68	107										
09	495	100	151	116	128										
10	673	150	156	173	194										
11	700	168	186	178	168										
12	901	193	239	230	239										
13	870	199	221	245	205										
14	1026	243	272	257	254										
15	1013	272	264	252	225										
16	995	259	244	234	258										
17	846	234	188	226	198										
18	805	243	195	177	190										
19	795	203	207	198	187										
20	660	167	154	170	169										
21	571	159	147	143	122										
22	421	123	102	104	92										
23	253	85	63	57	48										
	12350	Total				Total					Total				

Channel 1

AM Peak Hour Start 10:45  
 AM Peak Hour Total 726  
 AM Peak Hour Factor 93.56 %  
 PM Peak Hour Start 14:15  
 PM Peak Hour Total 1055  
 PM Peak Hour Factor 96.97 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T ACAPULCO & KINGFISH - SB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 4  
 Direction None  
 Date 6/19/2004  
 Real Time 23:51  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 4

Sunday, June 20, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	376	91	118	90	77										
01	199	66	55	32	46										
02	163	36	52	34	41										
03	100	28	19	21	32										
04	70	20	18	17	15										
05	59	15	11	13	20										
06	138	23	41	30	44										
07	270	46	77	67	80										
08	445	95	92	105	153										
09	720	152	131	204	233										
10	915	222	222	226	245										
11	1068	260	257	256	295										
12	1047	328	296	213	210										
13	811	205	187	211	208										
14	844	220	197	207	220										
15	945	240	250	219	236										
16	984	253	244	216	271										
17	981	258	231	239	253										
18	1112	271	281	305	255										
19	1179	283	278	299	319										
20	1249	324	308	309	308										
21	907	289	243	216	159										
22	470	171	139	79	81										
23	311	93	82	83	53										
	15363	Total				Total					Total				

Channel 1

AM Peak Hour Start 11:00  
 AM Peak Hour Total 1068  
 AM Peak Hour Factor 90.51 %  
 PM Peak Hour Start 19:45  
 PM Peak Hour Total 1260  
 PM Peak Hour Factor 97.22 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T ACAPULCO & KINGFISH - SB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 4  
 Direction None  
 Date 6/19/2004  
 Real Time 23:51  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 4

Monday, June 21, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	167	67	45	31	24										
01	70	14	22	18	16										
02	50	13	17	10	10										
03	33	14	6	8	5										
04	31	7	3	8	13										
05	60	7	14	11	28										
06	177	31	46	41	59										
07	307	61	71	98	77										
08	445	112	94	102	137										
09	636	166	139	174	157										
10	727	170	176	184	197										
11	834	197	217	195	225										
12	770	225	201	176	168										
13	738	188	172	179	199										
14	714	179	181	183	171										
15	690	177	173	162	178										
16	814	217	204	197	196										
17	838	263	204	201	170										
18	730	187	184	197	162										
19	682	174	166	154	188										
20	677	158	191	169	159										
21	548	140	157	143	108										
22	343	86	97	69	91										
23	270	78	83	54	55										
	11351	Total					Total					Total			

Channel 1

AM Peak Hour Start 11:00  
 AM Peak Hour Total 834  
 AM Peak Hour Factor 92.67 %  
 PM Peak Hour Start 16:45  
 PM Peak Hour Total 864  
 PM Peak Hour Factor 82.13 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T ACAPULCO & KINGFISH - SB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 4  
 Direction None  
 Date 6/19/2004  
 Real Time 23:51  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 4

Tuesday, June 22, 2004

HR	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	137	64	29	27	17										
01	76	21	24	12	19										
02	48	12	18	13	5										
03	29	14	5	3	7										
04	19	8	2	6	3										
05	47	9	9	10	19										
06	142	22	23	38	59										
07	294	73	64	69	88										
08	441	122	102	108	109										
09	642	156	145	165	176										
10	769	180	203	196	190										
11	878	230	203	220	225										
12	881	269	212	198	202										
13	747	219	188	175	165										
14	765	183	186	196	200										
15	714	162	183	192	177										
16	771	189	188	210	184										
17	813	265	214	172	162										
18	687	165	181	176	165										
19	742	181	178	196	187										
20	663	176	169	169	149										
21	557	158	149	154	96										
22	274	81	75	58	60										
23	194	66	48	53	27										
	11330	Total				Total					Total				

Channel 1

AM Peak Hour Start 11:00  
 AM Peak Hour Total 878  
 AM Peak Hour Factor 95.43 %  
 PM Peak Hour Start 12:00  
 PM Peak Hour Total 881  
 PM Peak Hour Factor 81.88 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T ACAPULCO & KINGFISH - SB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 4  
 Direction None  
 Date 6/19/2004  
 Real Time 23:51  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 4

Wednesday, June 23, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	86	29	29	19	9										
01	38	10	12	5	11										
02	25	9	10	3	3										
03	25	11	4	5	5										
04	19	2	4	8	5										
05	46	9	7	10	20										
06	119	24	16	41	38										
07	230	49	55	53	73										
08	373	83	80	95	115										
09	567	118	137	155	157										
10	669	139	157	197	176										
11	752	176	158	190	228										
12	807	239	203	179	186										
13	713	193	181	164	175										
14	666	158	177	153	178										
15	734	203	175	168	188										
16	742	185	185	190	182										
17	785	240	180	191	174										
18	651	179	191	150	131										
19	618	145	147	151	175										
20	618	161	167	147	143										
21	657	140	211	182	124										
22	360	102	91	80	87										
23	281	94	70	61	56										
	10581	Total				Total					Total				

Channel 1

AM Peak Hour Start 11:00  
 AM Peak Hour Total 752  
 AM Peak Hour Factor 82.46 %  
 PM Peak Hour Start 12:00  
 PM Peak Hour Total 807  
 PM Peak Hour Factor 84.41 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T ACAPULCO & KINGFISH - SB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 4  
 Direction None  
 Date 6/19/2004  
 Real Time 23:51  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 4

Thursday, June 24, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	128	57	24	23	24										
01	58	21	8	13	16										
02	46	9	20	9	8										
03	19	7	4	4	4										
04	34	5	8	11	10										
05	43	6	3	9	25										
06	162	18	30	48	66										
07	286	60	72	77	77										
08	415	94	97	118	106										
09	540	131	132	140	137										
10	668	173	144	173	178										
11	765	189	177	172	227										
12	837	250	204	197	186										
13	791	217	225	183	166										
14	678	161	187	159	171										
15	683	176	168	173	166										
16	819	210	198	197	214										
17	862	267	195	201	199										
18	677	186	165	160	166										
19	742	171	199	195	177										
20	768	149	180	185	254										
21	713	244	180	164	125										
22	478	141	127	100	110										
23	368	117	85	68	98										
	11580	Total				Total					Total				

Channel 1

AM Peak Hour Start 11:00  
 AM Peak Hour Total 765  
 AM Peak Hour Factor 84.25 %  
 PM Peak Hour Start 16:45  
 PM Peak Hour Total 877  
 PM Peak Hour Factor 82.12 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T ACAPULCO & KINGFISH - SB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 4  
 Direction None  
 Date 6/19/2004  
 Real Time 23:51  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 4

Friday, June 25, 2004

HR	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	172	54	50	39	29										
01	66	15	10	19	22										
02	54	20	10	15	9										
03	26	14	4	5	3										
04	23	4	9	4	6										
05	65	10	18	11	26										
06	163	39	39	42	43										
07	305	62	90	82	71										
08	415	90	100	95	130										
09	619	161	150	162	146										
10	804	198	186	202	218										
11	921	224	233	221	243										
12	969	311	243	200	215										
13	860	234	200	213	213										
14	887	233	237	213	204										
15	867	210	224	235	198										
16	945	258	222	224	241										
17	834	256	191	212	175										
18	796	212	176	203	205										
19	831	181	196	214	240										
20	911	243	222	221	225										
21	1014	342	328	193	151										
22	606	167	147	151	141										
23	527	174	142	132	79										
	13680	Total				Total					Total				

Channel 1

AM Peak Hour Start 11:00  
 AM Peak Hour Total 921  
 AM Peak Hour Factor 94.75 %  
 PM Peak Hour Start 20:30  
 PM Peak Hour Total 1116  
 PM Peak Hour Factor 81.58 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T ACAPULCO & KINGFISH - SB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 4  
 Direction None  
 Date 6/19/2004  
 Real Time 23:51  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 4

Saturday, June 26, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	286	122	70	41	53										
01	127	53	22	27	25										
02	75	22	21	16	16										
03	47	18	7	7	15										
04	42	14	12	8	8										
05	60	11	14	19	16										
06	104	30	19	30	25										
07	213	54	49	48	62										
08	405	93	101	94	117										
09	683	167	145	163	208										
10	803	195	200	196	212										
11	872	221	229	201	221										
12	916	238	236	222	220										
13	786	199	217	187	183										
14	799	201	189	204	205										
15	871	236	189	231	215										
16	954	233	245	237	239										
17	1098	297	236	285	280										
18	1078	319	264	225	270										
19	1078	261	261	236	320										
20	1025	263	268	238	256										
21	837	222	214	232	169										
22	652	186	156	158	152										
23	509	145	145	121	98										
	14320	Total				Total					Total				

Channel 1

AM Peak Hour Start 11:00  
 AM Peak Hour Total 872  
 AM Peak Hour Factor 95.20 %  
 PM Peak Hour Start 17:30  
 PM Peak Hour Total 1148  
 PM Peak Hour Factor 89.97 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor



Site Name PADRE BLVD B/T ACAPULCO & KINGFISH - SB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 4  
 Direction None  
 Date 6/19/2004  
 Real Time 23:51  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 4

Sunday, June 27, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	355	110	110	83	52										
01	201	58	57	40	46										
02	120	47	29	22	22										
03	68	26	17	15	10										
04	63	17	17	17	12										
05	60	14	15	24	7										
06	93	17	26	24	26										
07	223	53	37	62	71										
08	355	85	84	78	108										
09	634	149	151	170	164										
10	801	171	183	194	253										
11	943	234	223	231	255										
12	889	255	222	211	201										
13	723	185	203	173	162										
14	719	182	175	191	171										
15	836	186	222	212	216										
16	833	218	229	176	210										
17	913	231	238	219	225										
18	971	259	251	224	237										
19	1007	236	253	241	277										
20	1041	255	278	268	240										
21	756	244	207	184	121										
22	424	125	96	121	82										
23	285	98	63	57	67										
	13313	Total				Total					Total				

Channel 1

AM Peak Hour Start 11:00  
 AM Peak Hour Total 943  
 AM Peak Hour Factor 92.45 %  
 PM Peak Hour Start 19:45  
 PM Peak Hour Total 1078  
 PM Peak Hour Factor 96.94 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T GARDENIA & OLEANDER - NB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 30  
 Direction None  
 Date 6/19/2004  
 Real Time 23:55  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 30

Sunday, June 20, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	241	83	63	52	43										
01	143	33	38	32	40										
02	170	68	49	27	26										
03	47	15	14	9	9										
04	36	6	9	9	12										
05	38	9	8	12	9										
06	112	16	36	25	35										
07	221	34	48	66	73										
08	401	75	75	115	136										
09	486	117	120	127	122										
10	574	148	132	141	153										
11	767	216	185	199	167										
12	859	204	218	216	221										
13	940	219	233	234	254										
14	958	241	237	241	239										
15	945	291	221	213	220										
16	992	235	245	261	251										
17	936	217	219	273	227										
18	935	236	255	220	224										
19	888	236	234	210	208										
20	715	190	192	187	146										
21	669	181	203	158	127										
22	418	124	117	79	98										
23	265	76	77	64	48										
	12756	Total				Total					Total				

Channel 1

AM Peak Hour Start 11:00  
 AM Peak Hour Total 767  
 AM Peak Hour Factor 88.77 %  
 PM Peak Hour Start 14:15  
 PM Peak Hour Total 1008  
 PM Peak Hour Factor 86.60 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T GARDENIA & OLEANDER - NB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 30  
 Direction None  
 Date 6/19/2004  
 Real Time 23:55  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 30

Monday, June 21, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	127	55	33	22	17										
01	77	21	23	18	15										
02	51	13	23	7	8										
03	33	9	8	4	12										
04	7	2	2	2	1										
05	30	5	10	5	10										
06	144	28	25	38	53										
07	336	50	65	96	125										
08	412	118	79	111	104										
09	520	122	128	133	137										
10	519	141	132	112	134										
11	561	138	149	119	155										
12	638	163	140	165	170										
13	700	176	192	180	152										
14	668	156	184	167	161										
15	660	187	161	150	162										
16	707	185	171	193	158										
17	635	165	151	160	159										
18	582	143	163	123	153										
19	626	156	162	170	138										
20	542	140	123	127	152										
21	448	125	119	109	95										
22	327	89	81	86	71										
23	175	56	46	39	34										
	9525	Total				Total					Total				

Channel 1

AM Peak Hour Start 11:00  
 AM Peak Hour Total 561  
 AM Peak Hour Factor 90.48 %  
 PM Peak Hour Start 12:45  
 PM Peak Hour Total 718  
 PM Peak Hour Factor 93.49 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T GARDENIA & OLEANDER - NB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 30  
 Direction None  
 Date 6/19/2004  
 Real Time 23:55  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 30

Tuesday, June 22, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	90	31	26	15	18										
01	51	16	15	7	13										
02	26	10	8	4	4										
03	15	7	3	2	3										
04	17	6	4	5	2										
05	27	6	6	5	10										
06	113	15	23	33	42										
07	270	43	52	56	119										
08	402	82	105	95	120										
09	517	107	121	124	165										
10	584	140	158	139	147										
11	555	123	139	136	157										
12	687	168	180	157	182										
13	637	148	149	184	156										
14	563	129	99	178	157										
15	656	165	160	176	155										
16	685	166	158	187	174										
17	664	188	163	180	133										
18	600	140	157	147	156										
19	628	169	165	133	161										
20	539	146	117	120	156										
21	510	137	135	122	116										
22	259	85	69	65	40										
23	119	41	31	29	18										
	9214	Total				Total					Total				

Channel 1

AM Peak Hour Start 09:45  
 AM Peak Hour Total 602  
 AM Peak Hour Factor 91.21 %  
 PM Peak Hour Start 16:30  
 PM Peak Hour Total 712  
 PM Peak Hour Factor 94.68 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T GARDENIA & OLEANDER - NB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 30  
 Direction None  
 Date 6/19/2004  
 Real Time 23:55  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 30

Wednesday, June 23, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	56	21	18	9	8										
01	35	8	11	7	9										
02	26	12	9	3	2										
03	16	4	3	4	5										
04	6	1	0	3	2										
05	18	0	5	3	10										
06	79	12	8	18	41										
07	235	36	45	62	92										
08	373	92	87	89	105										
09	491	120	120	124	127										
10	511	133	117	134	127										
11	632	153	132	168	179										
12	693	163	192	172	166										
13	656	174	143	163	176										
14	723	193	189	154	187										
15	631	137	149	186	159										
16	740	196	164	158	222										
17	619	179	147	138	155										
18	713	185	156	177	195										
19	912	252	238	218	204										
20	780	166	198	206	210										
21	757	207	174	227	149										
22	455	128	108	130	89										
23	257	92	74	58	33										
	10414	Total				Total					Total				

Channel 1

AM Peak Hour Start 11:00  
 AM Peak Hour Total 632  
 AM Peak Hour Factor 88.27 %  
 PM Peak Hour Start 19:00  
 PM Peak Hour Total 912  
 PM Peak Hour Factor 90.48 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T GARDENIA & OLEANDER - NB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 30  
 Direction None  
 Date 6/19/2004  
 Real Time 23:55  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 30

Thursday, June 24, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	146	47	40	32	27										
01	78	18	22	22	16										
02	49	17	23	6	3										
03	36	15	12	6	3										
04	17	4	8	0	5										
05	39	2	8	20	9										
06	135	22	26	36	51										
07	322	43	57	88	134										
08	512	131	138	103	140										
09	595	163	131	155	146										
10	540	133	114	138	155										
11	550	142	114	140	154										
12	769	188	194	185	202										
13	724	197	194	163	170										
14	708	204	176	156	172										
15	683	162	182	161	178										
16	768	183	205	195	185										
17	665	197	170	131	167										
18	734	179	186	164	205										
19	649	169	148	166	166										
20	624	148	166	150	160										
21	604	164	147	144	149										
22	425	106	103	111	105										
23	247	75	77	53	42										
	10619	Total				Total					Total				

Channel 1

AM Peak Hour Start 09:00  
 AM Peak Hour Total 595  
 AM Peak Hour Factor 91.26 %  
 PM Peak Hour Start 16:15  
 PM Peak Hour Total 782  
 PM Peak Hour Factor 95.37 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T GARDENIA & OLEANDER - NB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 30  
 Direction None  
 Date 6/19/2004  
 Real Time 23:55  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 30

Friday, June 25, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	141	51	43	26	21										
01	76	25	13	16	22										
02	44	13	12	9	10										
03	33	11	8	4	10										
04	21	4	8	1	8										
05	40	7	6	5	22										
06	118	17	20	29	52										
07	349	59	62	83	145										
08	557	133	152	130	142										
09	626	139	154	151	182										
10	649	150	167	176	156										
11	660	156	163	158	183										
12	832	207	191	198	236										
13	876	198	235	212	231										
14	794	211	203	189	191										
15	810	226	174	185	225										
16	830	176	226	205	223										
17	820	219	178	194	229										
18	811	201	207	194	209										
19	860	211	189	213	247										
20	750	195	193	193	169										
21	720	174	149	226	171										
22	625	176	135	173	141										
23	436	123	127	107	79										
	12478	Total				Total					Total				

Channel 1

AM Peak Hour Start 09:45  
 AM Peak Hour Total 675  
 AM Peak Hour Factor 92.72 %  
 PM Peak Hour Start 13:15  
 PM Peak Hour Total 889  
 PM Peak Hour Factor 94.57 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T GARDENIA & OLEANDER - NB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 30  
 Direction None  
 Date 6/19/2004  
 Real Time 23:55  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 30

Saturday, June 26, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	168	44	54	34	36										
01	105	30	20	28	27										
02	97	46	26	12	13										
03	37	11	7	10	9										
04	16	4	2	6	4										
05	36	5	6	8	17										
06	105	19	20	27	39										
07	239	45	44	53	97										
08	421	104	98	115	104										
09	566	125	137	138	166										
10	672	164	178	160	170										
11	749	195	168	191	195										
12	855	201	211	224	219										
13	874	202	209	238	225										
14	946	215	239	238	254										
15	1010	255	251	258	246										
16	1045	272	286	248	239										
17	884	227	205	219	233										
18	961	234	235	239	253										
19	894	249	212	205	228										
20	760	196	156	220	188										
21	696	187	189	178	142										
22	549	159	133	134	123										
23	383	107	99	98	79										
	13068	Total				Total					Total				

Channel 1

AM Peak Hour Start 11:00  
 AM Peak Hour Total 749  
 AM Peak Hour Factor 96.03 %  
 PM Peak Hour Start 15:30  
 PM Peak Hour Total 1062  
 PM Peak Hour Factor 92.83 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor



Site Name PADRE BLVD B/T GARDENIA & OLEANDER - NB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 30  
 Direction None  
 Date 6/19/2004  
 Real Time 23:55  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 30

Sunday, June 27, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	218	72	49	46	51										
01	161	39	38	38	46										
02	110	48	33	13	16										
03	36	14	12	6	4										
04	30	9	7	7	7										
05	39	5	9	7	18										
06	97	13	26	22	36										
07	144	28	18	49	49										
08	284	67	67	56	94										
09	418	84	122	101	111										
10	602	150	140	147	165										
11	646	166	173	158	149										
12	754	182	199	195	178										
13	791	195	184	211	201										
14	918	222	244	225	227										
15	905	245	238	211	211										
16	910	235	217	228	230										
17	734	211	181	190	172										
18	687	203	159	160	165										
19	675	169	173	172	161										
20	566	148	128	148	142										
21	461	122	122	118	99										
22	372	105	91	98	78										
23	209	72	49	45	43										
	10767	Total				Total					Total				

Channel 1

AM Peak Hour Start 10:45  
 AM Peak Hour Total 662  
 AM Peak Hour Factor 95.66 %  
 PM Peak Hour Start 14:15  
 PM Peak Hour Total 941  
 PM Peak Hour Factor 96.02 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T GARDENIA & OLEANDER - SB (CH.2 ONLY)  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1 & ch2)  
 Location Code 12  
 Direction None  
 Date 6/19/2004  
 Real Time 23:50  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 12

Sunday, June 20, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2 *				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	0	0	0	0	0	313	76	92	82	63	313	76	92	82	63
01	0	0	0	0	0	185	46	47	57	35	185	46	47	57	35
02	0	0	0	0	0	134	21	46	22	45	134	21	46	22	45
03	0	0	0	0	0	68	22	13	13	20	68	22	13	13	20
04	0	0	0	0	0	68	18	21	18	11	68	18	21	18	11
05	0	0	0	0	0	54	8	10	11	25	54	8	10	11	25
06	0	0	0	0	0	116	21	34	28	33	116	21	34	28	33
07	0	0	0	0	0	229	51	72	48	58	229	51	72	48	58
08	0	0	0	0	0	344	61	78	82	123	344	61	78	82	123
09	0	0	0	0	0	597	132	113	172	180	597	132	113	172	180
10	0	0	0	0	0	741	180	191	185	185	741	180	191	185	185
11	0	0	0	0	0	923	202	221	240	260	923	202	221	240	260
12	0	0	0	0	0	795	233	216	185	161	795	233	216	185	161
13	0	0	0	0	0	667	180	157	161	169	667	180	157	161	169
14	0	0	0	0	0	765	198	158	171	238	765	198	158	171	238
15	0	0	0	0	0	1068	295	301	228	244	1068	295	301	228	244
16	0	0	0	0	0	1131	283	281	273	294	1131	283	281	273	294
17	0	0	0	0	0	1157	321	265	274	297	1157	321	265	274	297
18	0	0	0	0	0	1283	319	358	320	286	1283	319	358	320	286
19	0	0	0	0	0	1320	315	305	341	359	1320	315	305	341	359
20	0	0	0	0	0	1611	396	388	435	392	1611	396	388	435	392
21	0	0	0	0	0	1092	365	320	228	179	1092	365	320	228	179
22	0	0	0	0	0	532	181	173	92	86	532	181	173	92	86
23	0	0	0	0	0	329	99	85	81	64	329	99	85	81	64
	0 Total					15522 Total					15522 Total				

Channel 1

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 2

AM Peak Hour Start 11:00  
 AM Peak Hour Total 923  
 AM Peak Hour Factor 88.75 %  
 PM Peak Hour Start 20:00  
 PM Peak Hour Total 1611  
 PM Peak Hour Factor 92.59 %

Channel 1 + 2

AM Peak Hour Start 11:00  
 AM Peak Hour Total 923  
 AM Peak Hour Factor 88.75 %

Site Name PADRE BLVD B/T GARDENIA & OLEANDER - SB (CH.2 ONLY)  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1 & ch2)  
 Location Code 12  
 Direction None  
 Date 6/19/2004  
 Real Time 23:50  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 12

Monday, June 21, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2 *				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	0	0	0	0	0	183	63	54	31	35	183	63	54	31	35
01	0	0	0	0	0	79	18	20	22	19	79	18	20	22	19
02	0	0	0	0	0	47	16	14	13	4	47	16	14	13	4
03	0	0	0	0	0	39	22	6	8	3	39	22	6	8	3
04	0	0	0	0	0	37	6	4	13	14	37	6	4	13	14
05	0	0	0	0	0	73	8	11	27	27	73	8	11	27	27
06	0	0	0	0	0	194	37	46	45	66	194	37	46	45	66
07	0	0	0	0	0	359	78	78	98	105	359	78	78	98	105
08	0	0	0	0	0	440	136	86	92	126	440	136	86	92	126
09	0	0	0	0	0	527	127	121	156	123	527	127	121	156	123
10	0	0	0	0	0	611	146	146	158	161	611	146	146	158	161
11	0	0	0	0	0	683	159	179	176	169	683	159	179	176	169
12	0	0	0	0	0	628	196	163	123	146	628	196	163	123	146
13	0	0	0	0	0	604	148	139	157	160	604	148	139	157	160
14	0	0	0	0	0	596	159	151	136	150	596	159	151	136	150
15	0	0	0	0	0	591	152	149	131	159	591	152	149	131	159
16	0	0	0	0	0	668	162	190	139	177	668	162	190	139	177
17	0	0	0	0	0	685	204	168	175	138	685	204	168	175	138
18	0	0	0	0	0	609	148	151	167	143	609	148	151	167	143
19	0	0	0	0	0	577	139	155	128	155	577	139	155	128	155
20	0	0	0	0	0	588	145	162	139	142	588	145	162	139	142
21	0	0	0	0	0	427	138	109	111	69	427	138	109	111	69
22	0	0	0	0	0	282	73	82	57	70	282	73	82	57	70
23	0	0	0	0	0	200	63	60	36	41	200	63	60	36	41
	0 Total					9727 Total					9727 Total				

Channel 1

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 2

AM Peak Hour Start 11:00  
 AM Peak Hour Total 683  
 AM Peak Hour Factor 95.39 %  
 PM Peak Hour Start 16:45  
 PM Peak Hour Total 724  
 PM Peak Hour Factor 88.73 %

Channel 1 + 2

AM Peak Hour Start 11:00  
 AM Peak Hour Total 683  
 AM Peak Hour Factor 95.39 %

Site Name PADRE BLVD B/T GARDENIA & OLEANDER - SB (CH.2 ONLY)  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1 & ch2)  
 Location Code 12  
 Direction None  
 Date 6/19/2004  
 Real Time 23:50  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 12

Tuesday, June 22, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2 *				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	0	0	0	0	0	102	43	24	23	12	102	43	24	23	12
01	0	0	0	0	0	48	13	18	6	11	48	13	18	6	11
02	0	0	0	0	0	35	7	12	12	4	35	7	12	12	4
03	0	0	0	0	0	17	10	1	3	3	17	10	1	3	3
04	0	0	0	0	0	17	5	6	4	2	17	5	6	4	2
05	0	0	0	0	0	38	3	8	10	17	38	3	8	10	17
06	0	0	0	0	0	131	27	17	40	47	131	27	17	40	47
07	0	0	0	0	0	227	63	50	46	68	227	63	50	46	68
08	0	0	0	0	0	349	88	79	85	97	349	88	79	85	97
09	0	0	0	0	0	501	116	115	119	151	501	116	115	119	151
10	0	0	0	0	0	646	144	165	163	174	646	144	165	163	174
11	0	0	0	0	0	696	183	167	180	166	696	183	167	180	166
12	0	0	0	0	0	694	206	167	147	174	694	206	167	147	174
13	0	0	0	0	0	622	175	163	143	141	622	175	163	143	141
14	0	0	0	0	0	627	153	155	161	158	627	153	155	161	158
15	0	0	0	0	0	622	156	142	163	161	622	156	142	163	161
16	0	0	0	0	0	637	142	147	177	171	637	142	147	177	171
17	0	0	0	0	0	667	205	194	136	132	667	205	194	136	132
18	0	0	0	0	0	591	139	152	149	151	591	139	152	149	151
19	0	0	0	0	0	654	168	159	164	163	654	168	159	164	163
20	0	0	0	0	0	561	157	129	144	131	561	157	129	144	131
21	0	0	0	0	0	426	143	115	99	69	426	143	115	99	69
22	0	0	0	0	0	231	70	68	50	43	231	70	68	50	43
23	0	0	0	0	0	170	64	40	44	22	170	64	40	44	22
	0 Total					9309 Total					9309 Total				

Channel 1

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 2

AM Peak Hour Start 10:45  
 AM Peak Hour Total 704  
 AM Peak Hour Factor 96.17 %  
 PM Peak Hour Start 16:30  
 PM Peak Hour Total 747  
 PM Peak Hour Factor 91.10 %

Channel 1 + 2

AM Peak Hour Start 10:45  
 AM Peak Hour Total 704  
 AM Peak Hour Factor 96.17 %

Site Name PADRE BLVD B/T GARDENIA & OLEANDER - SB (CH.2 ONLY)  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1 & ch2)  
 Location Code 12  
 Direction None  
 Date 6/19/2004  
 Real Time 23:50  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 12

Wednesday, June 23, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2 *				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	0	0	0	0	0	65	20	19	19	7	65	20	19	19	7
01	0	0	0	0	0	23	5	7	5	6	23	5	7	5	6
02	0	0	0	0	0	26	13	7	4	2	26	13	7	4	2
03	0	0	0	0	0	14	5	2	2	5	14	5	2	2	5
04	0	0	0	0	0	15	4	1	4	6	15	4	1	4	6
05	0	0	0	0	0	35	5	7	5	18	35	5	7	5	18
06	0	0	0	0	0	108	18	17	32	41	108	18	17	32	41
07	0	0	0	0	0	193	42	46	48	57	193	42	46	48	57
08	0	0	0	0	0	332	80	63	90	99	332	80	63	90	99
09	0	0	0	0	0	491	110	120	131	130	491	110	120	131	130
10	0	0	0	0	0	587	134	144	159	150	587	134	144	159	150
11	0	0	0	0	0	711	156	161	183	211	711	156	161	183	211
12	0	0	0	0	0	727	221	168	172	166	727	221	168	172	166
13	0	0	0	0	0	571	154	140	125	152	571	154	140	125	152
14	0	0	0	0	0	615	154	160	150	151	615	154	160	150	151
15	0	0	0	0	0	643	177	151	144	171	643	177	151	144	171
16	0	0	0	0	0	647	165	157	170	155	647	165	157	170	155
17	0	0	0	0	0	688	213	155	169	151	688	213	155	169	151
18	0	0	0	0	0	599	181	158	140	120	599	181	158	140	120
19	0	0	0	0	0	562	135	141	135	151	562	135	141	135	151
20	0	0	0	0	0	549	130	151	136	132	549	130	151	136	132
21	0	0	0	0	0	609	144	211	151	103	609	144	211	151	103
22	0	0	0	0	0	312	89	72	74	77	312	89	72	74	77
23	0	0	0	0	0	228	81	56	44	47	228	81	56	44	47
	0	Total				9350	Total				9350	Total			

Channel 1

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 2

AM Peak Hour Start 11:00  
 AM Peak Hour Total 711  
 AM Peak Hour Factor 84.24 %  
 PM Peak Hour Start 12:00  
 PM Peak Hour Total 727  
 PM Peak Hour Factor 82.24 %

Channel 1 + 2

AM Peak Hour Start 11:00  
 AM Peak Hour Total 711  
 AM Peak Hour Factor 84.24 %

Site Name PADRE BLVD B/T GARDENIA & OLEANDER - SB (CH.2 ONLY)  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1 & ch2)  
 Location Code 12  
 Direction None  
 Date 6/19/2004  
 Real Time 23:50  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 12

Thursday, June 24, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2 *				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	0	0	0	0	0	122	47	30	18	27	122	47	30	18	27
01	0	0	0	0	0	47	15	7	13	12	47	15	7	13	12
02	0	0	0	0	0	35	7	17	8	3	35	7	17	8	3
03	0	0	0	0	0	10	2	4	3	1	10	2	4	3	1
04	0	0	0	0	0	25	5	4	7	9	25	5	4	7	9
05	0	0	0	0	0	40	4	2	13	21	40	4	2	13	21
06	0	0	0	0	0	132	7	36	34	55	132	7	36	34	55
07	0	0	0	0	0	260	54	71	68	67	260	54	71	68	67
08	0	0	0	0	0	364	75	82	106	101	364	75	82	106	101
09	0	0	0	0	0	475	111	112	120	132	475	111	112	120	132
10	0	0	0	0	0	594	148	137	157	152	594	148	137	157	152
11	0	0	0	0	0	699	168	164	167	200	699	168	164	167	200
12	0	0	0	0	0	747	224	203	160	160	747	224	203	160	160
13	0	0	0	0	0	716	205	198	162	151	716	205	198	162	151
14	0	0	0	0	0	598	146	172	158	122	598	146	172	158	122
15	0	0	0	0	0	623	152	163	133	175	623	152	163	133	175
16	0	0	0	0	0	745	196	168	167	214	745	196	168	167	214
17	0	0	0	0	0	752	226	196	176	154	752	226	196	176	154
18	0	0	0	0	0	600	164	157	141	138	600	164	157	141	138
19	0	0	0	0	0	667	167	178	159	163	667	167	178	159	163
20	0	0	0	0	0	781	139	177	176	289	781	139	177	176	289
21	0	0	0	0	0	616	226	149	137	104	616	226	149	137	104
22	0	0	0	0	0	389	108	112	85	84	389	108	112	85	84
23	0	0	0	0	0	308	106	63	61	78	308	106	63	61	78
	0 Total					10345 Total					10345 Total				

Channel 1

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 2

AM Peak Hour Start 11:00  
 AM Peak Hour Total 699  
 AM Peak Hour Factor 87.38 %  
 PM Peak Hour Start 20:15  
 PM Peak Hour Total 868  
 PM Peak Hour Factor 75.09 %

Channel 1 + 2

AM Peak Hour Start 11:00  
 AM Peak Hour Total 699  
 AM Peak Hour Factor 87.38 %

Site Name PADRE BLVD B/T GARDENIA & OLEANDER - SB (CH.2 ONLY)  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1 & ch2)  
 Location Code 12  
 Direction None  
 Date 6/19/2004  
 Real Time 23:50  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 12

Friday, June 25, 2004

HR	Channel 1					Channel 2					Channel 1 + Channel 2 *				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	0	0	0	0	0	138	51	31	35	21	138	51	31	35	21
01	0	0	0	0	0	60	13	11	20	16	60	13	11	20	16
02	0	0	0	0	0	39	13	10	14	2	39	13	10	14	2
03	0	0	0	0	0	23	10	5	3	5	23	10	5	3	5
04	0	0	0	0	0	23	4	10	2	7	23	4	10	2	7
05	0	0	0	0	0	44	4	10	12	18	44	4	10	12	18
06	0	0	0	0	0	134	30	31	36	37	134	30	31	36	37
07	0	0	0	0	0	277	61	81	71	64	277	61	81	71	64
08	0	0	0	0	0	387	89	85	85	128	387	89	85	85	128
09	0	0	0	0	0	534	130	131	137	136	534	130	131	137	136
10	0	0	0	0	0	714	185	162	172	195	714	185	162	172	195
11	0	0	0	0	0	857	207	221	208	221	857	207	221	208	221
12	0	0	0	0	0	900	285	221	193	201	900	285	221	193	201
13	0	0	0	0	0	802	214	183	203	202	802	214	183	203	202
14	0	0	0	0	0	822	221	214	196	191	822	221	214	196	191
15	0	0	0	0	0	754	186	187	198	183	754	186	187	198	183
16	0	0	0	0	0	821	242	199	192	188	821	242	199	192	188
17	0	0	0	0	0	715	215	182	170	148	715	215	182	170	148
18	0	0	0	0	0	720	186	151	179	204	720	186	151	179	204
19	0	0	0	0	0	762	161	196	192	213	762	161	196	192	213
20	0	0	0	0	0	844	222	186	216	220	844	222	186	216	220
21	0	0	0	0	0	876	295	284	172	125	876	295	284	172	125
22	0	0	0	0	0	484	129	120	117	118	484	129	120	117	118
23	0	0	0	0	0	455	169	117	99	70	455	169	117	99	70
	0 Total					12185 Total					12185 Total				

Channel 1

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 2

AM Peak Hour Start 11:00  
 AM Peak Hour Total 857  
 AM Peak Hour Factor 96.95 %  
 PM Peak Hour Start 20:30  
 PM Peak Hour Total 1015  
 PM Peak Hour Factor 86.02 %

Channel 1 + 2

AM Peak Hour Start 11:00  
 AM Peak Hour Total 857  
 AM Peak Hour Factor 96.95 %

Site Name PADRE BLVD B/T GARDENIA & OLEANDER - SB (CH.2 ONLY)  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1 & ch2)  
 Location Code 12  
 Direction None  
 Date 6/19/2004  
 Real Time 23:50  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 12

Saturday, June 26, 2004

HR	Channel 1					Channel 2					Channel 1 + Channel 2 *				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	0	0	0	0	0	215	95	52	31	37	215	95	52	31	37
01	0	0	0	0	0	87	33	17	19	18	87	33	17	19	18
02	0	0	0	0	0	66	24	22	12	8	66	24	22	12	8
03	0	0	0	0	0	39	12	5	6	16	39	12	5	6	16
04	0	0	0	0	0	29	11	5	7	6	29	11	5	7	6
05	0	0	0	0	0	54	9	13	16	16	54	9	13	16	16
06	0	0	0	0	0	87	18	21	23	25	87	18	21	23	25
07	0	0	0	0	0	200	53	47	40	60	200	53	47	40	60
08	0	0	0	0	0	370	76	95	86	113	370	76	95	86	113
09	0	0	0	0	0	606	139	134	143	190	606	139	134	143	190
10	0	0	0	0	0	724	174	168	180	202	724	174	168	180	202
11	0	0	0	0	0	791	206	203	187	195	791	206	203	187	195
12	0	0	0	0	0	848	251	199	197	201	848	251	199	197	201
13	0	0	0	0	0	721	179	194	160	188	721	179	194	160	188
14	0	0	0	0	0	684	169	162	160	193	684	169	162	160	193
15	0	0	0	0	0	749	200	172	182	195	749	200	172	182	195
16	0	0	0	0	0	878	205	223	218	232	878	205	223	218	232
17	0	0	0	0	0	1002	264	207	261	270	1002	264	207	261	270
18	0	0	0	0	0	997	266	240	221	270	997	266	240	221	270
19	0	0	0	0	0	956	251	246	235	224	956	251	246	235	224
20	0	0	0	0	0	951	241	256	215	239	951	241	256	215	239
21	0	0	0	0	0	722	191	190	197	144	722	191	190	197	144
22	0	0	0	0	0	552	146	138	142	126	552	146	138	142	126
23	0	0	0	0	0	466	140	136	103	87	466	140	136	103	87
	0 Total					12794 Total					12794 Total				

Channel 1

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 2

AM Peak Hour Start 10:45  
 AM Peak Hour Total 798  
 AM Peak Hour Factor 96.84 %  
 PM Peak Hour Start 17:30  
 PM Peak Hour Total 1037  
 PM Peak Hour Factor 96.02 %

Channel 1 + 2

AM Peak Hour Start 10:45  
 AM Peak Hour Total 798  
 AM Peak Hour Factor 96.84 %



Site Name PADRE BLVD B/T GARDENIA & OLEANDER - SB (CH.2 ONLY)  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1 & ch2)  
 Location Code 12  
 Direction None  
 Date 6/19/2004  
 Real Time 23:50  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 12

Sunday, June 27, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2 *				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	0	0	0	0	0	288	67	98	60	63	288	67	98	60	63
01	0	0	0	0	0	171	38	47	52	34	171	38	47	52	34
02	0	0	0	0	0	102	45	24	17	16	102	45	24	17	16
03	0	0	0	0	0	60	20	18	14	8	60	20	18	14	8
04	0	0	0	0	0	46	14	10	11	11	46	14	10	11	11
05	0	0	0	0	0	41	8	12	16	5	41	8	12	16	5
06	0	0	0	0	0	79	17	20	18	24	79	17	20	18	24
07	0	0	0	0	0	187	47	28	53	59	187	47	28	53	59
08	0	0	0	0	0	286	71	68	57	90	286	71	68	57	90
09	0	0	0	0	0	559	138	123	158	140	559	138	123	158	140
10	0	0	0	0	0	712	159	165	187	201	712	159	165	187	201
11	0	0	0	0	0	817	218	198	178	223	817	218	198	178	223
12	0	0	0	0	0	745	220	184	184	157	745	220	184	184	157
13	0	0	0	0	0	609	160	158	145	146	609	160	158	145	146
14	0	0	0	0	0	623	150	158	165	150	623	150	158	165	150
15	0	0	0	0	0	748	193	188	180	187	748	193	188	180	187
16	0	0	0	0	0	761	204	202	149	206	761	204	202	149	206
17	0	0	0	0	0	827	218	220	175	214	827	218	220	175	214
18	0	0	0	0	0	881	240	243	217	181	881	240	243	217	181
19	0	0	0	0	0	931	240	212	222	257	931	240	212	222	257
20	0	0	0	0	0	969	235	257	236	241	969	235	257	236	241
21	0	0	0	0	0	639	210	180	140	109	639	210	180	140	109
22	0	0	0	0	0	335	95	68	97	75	335	95	68	97	75
23	0	0	0	0	0	218	78	50	29	61	218	78	50	29	61
	0 Total					11634 Total					11634 Total				

Channel 1

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 2

AM Peak Hour Start 11:00  
 AM Peak Hour Total 817  
 AM Peak Hour Factor 91.59 %  
 PM Peak Hour Start 19:45  
 PM Peak Hour Total 985  
 PM Peak Hour Factor 95.82 %

Channel 1 + 2

AM Peak Hour Start 11:00  
 AM Peak Hour Total 817  
 AM Peak Hour Factor 91.59 %

Site Name PADRE BLVD B/T MARS & JUPITER - SB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 50  
 Direction None  
 Date 6/19/2004  
 Real Time 23:55  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 50

Sunday, June 20, 2004

HR	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR	00-15	15-30	30-45	45-00	HR	00-15	15-30	30-45	45-00	HR	00-15	15-30	30-45	45-00
Begin	Total					Total					Total				
00	279	77	66	65	71										
01	166	53	49	38	26										
02	126	22	48	24	32										
03	47	12	9	6	20										
04	61	16	20	15	10										
05	47	8	9	9	21										
06	107	19	29	25	34										
07	197	37	58	47	55										
08	291	54	66	72	99										
09	522	116	105	148	153										
10	642	148	163	159	172										
11	771	171	193	190	217										
12	626	193	169	135	129										
13	563	148	130	145	140										
14	605	155	156	146	148										
15	642	164	173	146	159										
16	745	196	191	174	184										
17	736	189	177	184	186										
18	867	193	250	231	193										
19	901	213	210	257	221										
20	994	268	268	238	220										
21	628	208	189	123	108										
22	261	90	70	54	47										
23	157	59	29	40	29										
	10981	Total					Total					Total			

Channel 1

AM Peak Hour Start 11:00  
 AM Peak Hour Total 771  
 AM Peak Hour Factor 88.82 %  
 PM Peak Hour Start 19:30  
 PM Peak Hour Total 1014  
 PM Peak Hour Factor 94.59 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T MARS & JUPITER - SB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 50  
 Direction None  
 Date 6/19/2004  
 Real Time 23:55  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 50

Monday, June 21, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	87	27	21	21	18										
01	49	13	14	12	10										
02	40	12	11	11	6										
03	22	12	4	4	2										
04	18	3	3	6	6										
05	41	6	7	13	15										
06	103	19	26	24	34										
07	200	41	45	57	57										
08	330	73	66	86	105										
09	458	106	106	135	111										
10	531	127	125	139	140										
11	565	123	153	135	154										
12	560	179	152	108	121										
13	505	123	114	113	155										
14	516	137	137	105	137										
15	493	125	125	115	128										
16	584	138	167	124	155										
17	603	159	151	158	135										
18	539	136	141	137	125										
19	506	132	136	125	113										
20	485	103	137	126	119										
21	326	104	84	81	57										
22	194	57	58	33	46										
23	126	35	37	30	24										
	7881	Total				Total					Total				

Channel 1

AM Peak Hour Start 11:00  
 AM Peak Hour Total 565  
 AM Peak Hour Factor 91.72 %  
 PM Peak Hour Start 16:45  
 PM Peak Hour Total 623  
 PM Peak Hour Factor 97.96 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T MARS & JUPITER - SB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 50  
 Direction None  
 Date 6/19/2004  
 Real Time 23:55  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 50

Tuesday, June 22, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	76	31	21	14	10										
01	37	10	11	5	11										
02	32	7	11	10	4										
03	16	7	2	3	4										
04	8	3	3	1	1										
05	34	4	4	9	17										
06	93	20	17	25	31										
07	178	46	31	39	62										
08	292	71	65	71	85										
09	439	107	112	102	118										
10	565	123	141	142	159										
11	599	176	140	153	130										
12	610	184	140	138	148										
13	547	140	141	127	139										
14	513	126	134	121	132										
15	537	127	127	143	140										
16	542	123	133	145	141										
17	581	178	163	130	110										
18	522	126	139	128	129										
19	551	142	131	140	138										
20	450	131	101	116	102										
21	319	108	81	74	56										
22	165	48	50	38	29										
23	78	47	13	5	13										
	7784	Total					Total					Total			

Channel 1

AM Peak Hour Start 10:45  
 AM Peak Hour Total 628  
 AM Peak Hour Factor 89.20 %  
 PM Peak Hour Start 16:30  
 PM Peak Hour Total 627  
 PM Peak Hour Factor 88.06 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T MARS & JUPITER - SB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 50  
 Direction None  
 Date 6/19/2004  
 Real Time 23:55  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 50

Wednesday, June 23, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	30	11	7	8	4										
01	5	2	0	3	0										
02	14	8	2	3	1										
03	6	1	0	1	4										
04	8	3	1	3	1										
05	22	4	2	4	12										
06	78	18	10	24	26										
07	112	25	22	26	39										
08	236	48	51	64	73										
09	239	61	58	55	65										
10	389	69	108	109	103										
11	538	130	127	146	135										
12	532	160	111	137	124										
13	434	124	100	74	136										
14	508	137	140	105	126										
15	584	172	132	125	155										
16	568	162	130	150	126										
17	602	197	141	138	126										
18	514	152	135	119	108										
19	501	122	130	107	142										
20	455	121	114	116	104										
21	533	131	193	127	82										
22	252	71	62	59	60										
23	134	51	36	19	28										
	7294	Total				Total					Total				

Channel 1

AM Peak Hour Start 11:00  
 AM Peak Hour Total 538  
 AM Peak Hour Factor 92.12 %  
 PM Peak Hour Start 16:30  
 PM Peak Hour Total 614  
 PM Peak Hour Factor 77.92 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T MARS & JUPITER - SB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 50  
 Direction None  
 Date 6/19/2004  
 Real Time 23:55  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 50

Thursday, June 24, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	86	37	17	14	18										
01	39	15	9	9	6										
02	35	8	14	9	4										
03	11	0	4	3	4										
04	19	5	4	6	4										
05	31	4	2	11	14										
06	93	10	23	26	34										
07	198	37	49	47	65										
08	296	58	69	90	79										
09	413	95	94	102	122										
10	496	123	120	118	135										
11	562	135	141	118	168										
12	665	208	170	129	158										
13	524	144	120	124	136										
14	527	137	133	111	146										
15	585	162	152	130	141										
16	579	152	144	150	133										
17	585	176	160	128	121										
18	538	143	155	122	118										
19	489	134	119	113	123										
20	463	117	114	121	111										
21	492	144	153	117	78										
22	234	87	56	33	58										
23	182	61	62	27	32										
	8142	Total					Total					Total			

Channel 1

AM Peak Hour Start 11:00  
 AM Peak Hour Total 562  
 AM Peak Hour Factor 83.63 %  
 PM Peak Hour Start 12:00  
 PM Peak Hour Total 665  
 PM Peak Hour Factor 79.93 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T MARS & JUPITER - SB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 50  
 Direction None  
 Date 6/19/2004  
 Real Time 23:55  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 50

Friday, June 25, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	104	41	31	10	22										
01	61	22	13	10	16										
02	47	9	21	10	7										
03	24	10	7	2	5										
04	24	4	7	9	4										
05	36	4	7	8	17										
06	79	16	12	19	32										
07	208	45	56	52	55										
08	285	75	68	74	68										
09	463	94	117	131	121										
10	521	132	110	144	135										
11	562	135	141	118	168										
12	665	208	170	129	158										
13	664	164	167	174	159										
14	657	151	186	169	151										
15	657	159	165	169	164										
16	717	222	160	167	168										
17	607	164	160	150	133										
18	654	162	147	158	187										
19	638	147	147	160	184										
20	731	205	162	176	188										
21	747	258	250	125	114										
22	376	101	90	87	98										
23	330	131	78	66	55										
	9857	Total				Total					Total				

Channel 1

AM Peak Hour Start 11:00  
 AM Peak Hour Total 562  
 AM Peak Hour Factor 83.63 %  
 PM Peak Hour Start 20:30  
 PM Peak Hour Total 872  
 PM Peak Hour Factor 84.50 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T MARS & JUPITER - NB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 37  
 Direction None  
 Date 6/19/2004  
 Real Time 23:54  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 37

Sunday, June 20, 2004

HR	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	348	109	95	76	68										
01	179	48	54	45	32										
02	141	52	50	17	22										
03	38	12	9	10	7										
04	34	5	11	9	9										
05	34	8	8	11	7										
06	95	18	24	23	30										
07	215	42	47	60	66										
08	378	64	80	104	130										
09	434	97	109	110	118										
10	606	146	159	151	150										
11	745	207	159	173	206										
12	934	236	216	233	249										
13	1137	270	268	290	309										
14	1288	310	323	310	345										
15	1360	410	316	326	308										
16	1805	444	441	479	441										
17	1340	369	411	288	272										
18	1042	266	297	229	250										
19	784	262	196	181	145										
20	579	131	178	147	123										
21	532	159	141	126	106										
22	295	95	91	50	59										
23	164	41	47	41	35										
	14507	Total					Total					Total			

Channel 1

AM Peak Hour Start 11:00  
 AM Peak Hour Total 745  
 AM Peak Hour Factor 89.98 %  
 PM Peak Hour Start 16:00  
 PM Peak Hour Total 1805  
 PM Peak Hour Factor 94.21 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor



Site Name PADRE BLVD B/T MARS & JUPITER - NB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 37  
 Direction None  
 Date 6/19/2004  
 Real Time 23:54  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 37

Monday, June 21, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	79	33	16	19	11										
01	52	13	12	16	11										
02	23	6	10	5	2										
03	19	6	5	2	6										
04	8	1	1	3	3										
05	19	3	8	4	4										
06	87	17	16	20	34										
07	308	44	66	79	119										
08	518	131	107	147	133										
09	679	164	133	188	194										
10	720	183	192	163	182										
11	842	234	223	190	195										
12	900	210	208	224	258										
13	954	227	248	258	221										
14	961	221	254	263	223										
15	839	229	200	206	204										
16	931	228	236	258	209										
17	914	215	219	258	222										
18	832	196	226	180	230										
19	745	199	202	203	141										
20	625	158	164	159	144										
21	570	186	136	141	107										
22	366	94	105	101	66										
23	196	71	61	39	25										
	12187	Total				Total					Total				

Channel 1

AM Peak Hour Start 11:00  
 AM Peak Hour Total 842  
 AM Peak Hour Factor 89.96 %  
 PM Peak Hour Start 12:45  
 PM Peak Hour Total 991  
 PM Peak Hour Factor 96.03 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T MARS & JUPITER - NB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 37  
 Direction None  
 Date 6/19/2004  
 Real Time 23:54  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 37

Tuesday, June 22, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	137	52	32	28	25										
01	77	21	19	14	23										
02	32	13	10	6	3										
03	15	6	3	3	3										
04	20	6	9	4	1										
05	30	7	6	9	8										
06	132	26	30	33	43										
07	345	53	80	77	135										
08	538	105	148	144	141										
09	721	133	163	174	251										
10	909	209	234	230	236										
11	851	203	203	205	240										
12	1025	222	289	248	266										
13	1034	245	214	321	254										
14	974	275	231	242	226										
15	864	220	200	220	224										
16	886	203	228	213	242										
17	926	246	256	224	200										
18	761	180	198	179	204										
19	702	179	152	173	198										
20	632	164	151	130	187										
21	597	155	180	141	121										
22	290	85	77	67	61										
23	117	42	30	24	21										
	12615	Total				Total					Total				

Channel 1

AM Peak Hour Start 09:45  
 AM Peak Hour Total 924  
 AM Peak Hour Factor 92.03 %  
 PM Peak Hour Start 13:30  
 PM Peak Hour Total 1081  
 PM Peak Hour Factor 84.19 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T MARS & JUPITER - NB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 37  
 Direction None  
 Date 6/19/2004  
 Real Time 23:54  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 37

Wednesday, June 23, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	47	12	17	11	7										
01	32	9	7	9	7										
02	19	10	5	3	1										
03	15	3	2	4	6										
04	5	2	0	1	2										
05	15	3	2	2	8										
06	61	11	10	8	32										
07	235	38	36	55	106										
08	445	89	107	112	137										
09	582	149	114	163	156										
10	663	184	160	177	142										
11	875	190	189	230	266										
12	1020	221	293	263	243										
13	1011	254	211	271	275										
14	1090	310	248	234	298										
15	996	230	226	287	253										
16	951	262	249	156	284										
17	875	250	196	207	222										
18	1017	243	266	245	263										
19	718	207	176	175	160										
20	595	108	179	158	150										
21	681	202	153	181	145										
22	460	153	100	119	88										
23	234	88	67	45	34										
	12642	Total				Total					Total				

Channel 1  
 AM Peak Hour Start 11:00  
 AM Peak Hour Total 875  
 AM Peak Hour Factor 82.24 %  
 PM Peak Hour Start 13:30  
 PM Peak Hour Total 1104  
 PM Peak Hour Factor 89.03 %

Channel 2  
 AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2  
 AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T MARS & JUPITER - NB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 37  
 Direction None  
 Date 6/19/2004  
 Real Time 23:54  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 37

Thursday, June 24, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	151	42	49	39	21										
01	73	14	24	18	17										
02	35	13	18	3	1										
03	37	5	14	7	11										
04	26	5	14	0	7										
05	35	8	12	7	8										
06	158	28	28	46	56										
07	388	59	72	111	146										
08	720	190	205	160	165										
09	850	204	182	228	236										
10	920	206	201	248	265										
11	828	207	163	238	220										
12	1026	243	253	245	285										
13	932	201	263	233	235										
14	934	268	234	195	237										
15	883	223	232	215	213										
16	935	173	268	233	261										
17	896	223	235	175	263										
18	1100	268	271	273	288										
19	838	253	229	196	160										
20	674	123	170	182	199										
21	786	219	191	194	182										
22	544	133	146	133	132										
23	319	103	101	59	56										
	14088	Total				Total					Total				

Channel 1

AM Peak Hour Start 10:15  
 AM Peak Hour Total 921  
 AM Peak Hour Factor 86.89 %  
 PM Peak Hour Start 18:00  
 PM Peak Hour Total 1100  
 PM Peak Hour Factor 95.49 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T MARS & JUPITER - NB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 37  
 Direction None  
 Date 6/19/2004  
 Real Time 23:54  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 37

Friday, June 25, 2004

HR	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	181	66	56	38	21										
01	94	34	21	17	22										
02	68	14	18	20	16										
03	37	16	7	5	9										
04	25	8	11	1	5										
05	66	14	9	9	34										
06	152	16	18	37	81										
07	502	85	94	128	195										
08	840	189	220	207	224										
09	875	177	192	224	282										
10	1025	250	259	280	236										
11	998	234	248	264	252										
12	1155	325	243	295	292										
13	1180	259	322	287	312										
14	1051	271	249	271	260										
15	1034	264	249	232	289										
16	1056	231	284	282	259										
17	1097	297	268	227	305										
18	1213	311	322	290	290										
19	1072	268	239	270	295										
20	895	275	216	187	217										
21	957	211	214	277	255										
22	771	232	187	154	198										
23	524	149	146	119	110										
	16868	Total				Total					Total				

Channel 1

AM Peak Hour Start 09:45  
 AM Peak Hour Total 1071  
 AM Peak Hour Factor 94.95 %  
 PM Peak Hour Start 17:45  
 PM Peak Hour Total 1228  
 PM Peak Hour Factor 95.34 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T MARS & JUPITER - NB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 37  
 Direction None  
 Date 6/19/2004  
 Real Time 23:54  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 37

Saturday, June 26, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	218	54	66	48	50										
01	108	32	19	30	27										
02	101	49	25	14	13										
03	31	7	8	7	9										
04	19	8	1	3	7										
05	38	4	6	9	19										
06	101	16	29	17	39										
07	306	51	59	73	123										
08	504	116	93	134	161										
09	642	144	146	169	183										
10	883	229	217	213	224										
11	990	227	255	241	267										
12	1157	331	294	282	250										
13	1053	265	250	283	255										
14	1032	233	263	243	293										
15	1269	306	383	301	279										
16	1408	377	355	373	303										
17	1200	269	308	295	328										
18	1220	301	273	323	323										
19	1165	316	276	272	301										
20	926	229	202	249	246										
21	950	234	263	256	197										
22	762	219	187	189	167										
23	567	164	140	142	121										
	16650	Total				Total					Total				

Channel 1

AM Peak Hour Start 11:00  
 AM Peak Hour Total 990  
 AM Peak Hour Factor 92.70 %  
 PM Peak Hour Start 16:00  
 PM Peak Hour Total 1408  
 PM Peak Hour Factor 93.37 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T MARS & JUPITER - NB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 37  
 Direction None  
 Date 6/19/2004  
 Real Time 23:54  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 37

Sunday, June 27, 2004

HR	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR	00-15	15-30	30-45	45-00	HR	00-15	15-30	30-45	45-00	HR	00-15	15-30	30-45	45-00
Begin	Total					Total					Total				
00	318	118	65	57	78										
01	222	51	57	56	58										
02	165	66	49	29	21										
03	48	13	19	14	2										
04	50	9	11	15	15										
05	48	3	11	11	23										
06	137	20	39	32	46										
07	203	37	23	71	72										
08	404	96	89	86	133										
09	600	122	157	160	161										
10	750	160	195	190	205										
11	829	200	210	212	207										
12	1009	217	242	276	274										
13	1080	280	262	257	281										
14	1147	289	305	279	274										
15	1164	289	286	311	278										
16	1219	297	321	316	285										
17	1507	322	414	422	349										
18	1497	449	344	355	349										
19	1120	394	305	219	202										
20	782	257	154	176	195										
21	643	170	156	177	140										
22	488	138	119	117	114										
23	246	96	59	51	40										
	15676	Total				Total					Total				

Channel 1

AM Peak Hour Start 11:00  
 AM Peak Hour Total 829  
 AM Peak Hour Factor 97.76 %  
 PM Peak Hour Start 17:15  
 PM Peak Hour Total 1634  
 PM Peak Hour Factor 90.98 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T MARS & JUPITER - SB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 50  
 Direction None  
 Date 6/19/2004  
 Real Time 23:55  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 50

Saturday, June 26, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	138	60	28	21	29										
01	76	30	15	16	15										
02	66	15	31	12	8										
03	33	8	6	6	13										
04	25	10	4	6	5										
05	45	8	11	13	13										
06	72	17	12	21	22										
07	165	40	40	33	52										
08	315	61	83	74	97										
09	491	117	86	127	161										
10	625	148	140	158	179										
11	684	184	178	157	165										
12	734	219	176	175	164										
13	632	156	166	147	163										
14	587	134	139	151	163										
15	627	172	146	156	153										
16	755	172	191	195	197										
17	907	239	173	227	268										
18	847	227	186	189	245										
19	837	225	206	210	196										
20	787	218	190	177	202										
21	604	164	165	157	118										
22	426	107	95	125	99										
23	330	97	98	68	67										
	10808	Total				Total					Total				

Channel 1

AM Peak Hour Start 10:30  
 AM Peak Hour Total 699  
 AM Peak Hour Factor 94.97 %  
 PM Peak Hour Start 17:30  
 PM Peak Hour Total 908  
 PM Peak Hour Factor 84.70 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor



Site Name PADRE BLVD B/T MARS & JUPITER - SB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 50  
 Direction None  
 Date 6/19/2004  
 Real Time 23:55  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 50

Sunday, June 27, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	248	68	64	55	61										
01	156	33	49	48	26										
02	102	38	24	19	21										
03	48	15	12	17	4										
04	49	16	10	10	13										
05	37	10	12	10	5										
06	62	13	18	14	17										
07	157	36	26	41	54										
08	248	61	51	52	84										
09	471	109	98	137	127										
10	610	124	139	172	175										
11	703	174	158	161	210										
12	649	166	168	165	150										
13	496	142	118	114	122										
14	523	124	133	134	132										
15	616	152	160	138	166										
16	648	171	178	132	167										
17	783	203	183	193	204										
18	795	205	235	185	170										
19	846	216	193	207	230										
20	863	209	225	214	215										
21	534	177	150	107	100										
22	235	69	54	62	50										
23	165	58	37	32	38										
	10044	Total				Total					Total				

Channel 1  
 AM Peak Hour Start 11:00  
 AM Peak Hour Total 703  
 AM Peak Hour Factor 83.69 %  
 PM Peak Hour Start 19:45  
 PM Peak Hour Total 878  
 PM Peak Hour Factor 95.43 %

Channel 2  
 AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2  
 AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T ARIES & CAPRICORN - NB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 44  
 Direction None  
 Date 6/19/2004  
 Real Time 23:57  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 44

Sunday, June 20, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	230	88	46	43	53										
01	202	58	35	68	41										
02	191	72	66	28	25										
03	51	16	10	14	11										
04	46	6	15	15	10										
05	51	14	10	14	13										
06	128	22	36	28	42										
07	273	39	70	82	82										
08	472	83	96	141	152										
09	553	120	145	148	140										
10	681	178	166	172	165										
11	843	213	212	218	200										
12	930	218	232	242	238										
13	1037	255	238	260	284										
14	1105	275	268	247	315										
15	1120	337	259	267	257										
16	1144	296	290	264	294										
17	969	248	269	239	213										
18	824	246	231	172	175										
19	758	196	186	182	194										
20	593	160	168	150	115										
21	550	145	152	134	119										
22	338	106	78	71	83										
23	254	78	67	59	50										
	13343	Total				Total					Total				

Channel 1

AM Peak Hour Start 11:00  
 AM Peak Hour Total 843  
 AM Peak Hour Factor 96.67 %  
 PM Peak Hour Start 14:45  
 PM Peak Hour Total 1178  
 PM Peak Hour Factor 87.39 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T ARIES & CAPRICORN - NB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 44  
 Direction None  
 Date 6/19/2004  
 Real Time 23:57  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 44

Monday, June 21, 2004

HR	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	100	49	19	22	10										
01	68	15	16	22	15										
02	34	5	15	9	5										
03	28	6	5	7	10										
04	10	2	2	3	3										
05	28	5	11	6	6										
06	111	27	22	25	37										
07	264	49	49	74	92										
08	407	102	79	115	111										
09	500	122	109	118	151										
10	515	139	149	112	115										
11	566	143	144	127	152										
12	615	160	150	161	144										
13	525	127	135	149	114										
14	495	110	133	138	114										
15	495	141	121	113	120										
16	531	141	128	141	121										
17	507	114	125	143	125										
18	423	104	113	96	110										
19	430	105	108	119	98										
20	379	96	99	93	91										
21	336	102	85	77	72										
22	227	65	61	55	46										
23	129	44	30	32	23										
	7723	Total				Total					Total				

Channel 1

AM Peak Hour Start 11:00  
 AM Peak Hour Total 566  
 AM Peak Hour Factor 93.09 %  
 PM Peak Hour Start 12:00  
 PM Peak Hour Total 615  
 PM Peak Hour Factor 95.50 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T ARIES & CAPRICORN - NB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 44  
 Direction None  
 Date 6/19/2004  
 Real Time 23:57  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 44

Tuesday, June 22, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	74	29	17	15	13										
01	46	13	13	6	14										
02	23	9	7	5	2										
03	11	3	3	2	3										
04	13	4	5	3	1										
05	21	5	4	4	8										
06	82	13	22	18	29										
07	214	33	48	45	88										
08	327	61	87	83	96										
09	411	82	92	91	146										
10	477	107	126	126	118										
11	435	106	98	102	129										
12	537	126	147	122	142										
13	522	130	111	156	125										
14	515	131	110	143	131										
15	523	134	145	126	118										
16	481	117	126	112	126										
17	496	127	143	118	108										
18	420	93	111	97	119										
19	389	101	87	94	107										
20	370	103	88	80	99										
21	332	87	95	75	75										
22	194	61	50	43	40										
23	93	33	24	19	17										
	7006	Total				Total					Total				

Channel 1

AM Peak Hour Start 09:45  
 AM Peak Hour Total 505  
 AM Peak Hour Factor 86.47 %  
 PM Peak Hour Start 14:30  
 PM Peak Hour Total 553  
 PM Peak Hour Factor 95.34 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T ARIES & CAPRICORN - NB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 44  
 Direction None  
 Date 6/19/2004  
 Real Time 23:57  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 44

Wednesday, June 23, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	46	16	15	10	5										
01	29	8	8	8	5										
02	20	10	6	3	1										
03	20	4	2	6	8										
04	5	1	0	1	3										
05	15	2	2	3	8										
06	53	11	10	8	24										
07	212	43	36	49	84										
08	301	65	82	74	80										
09	446	100	97	110	139										
10	446	126	103	116	101										
11	588	133	120	159	176										
12	688	150	198	188	152										
13	600	175	146	139	140										
14	649	166	137	152	194										
15	642	147	129	192	174										
16	757	176	184	175	222										
17	656	199	153	140	164										
18	736	191	198	163	184										
19	629	174	142	143	170										
20	543	118	139	139	147										
21	512	157	93	148	114										
22	343	107	82	89	65										
23	194	69	52	44	29										
	9130	Total				Total					Total				

Channel 1

AM Peak Hour Start 11:00  
 AM Peak Hour Total 588  
 AM Peak Hour Factor 83.52 %  
 PM Peak Hour Start 16:15  
 PM Peak Hour Total 780  
 PM Peak Hour Factor 87.84 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T ARIES & CAPRICORN - NB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 44  
 Direction None  
 Date 6/19/2004  
 Real Time 23:57  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 44

Thursday, June 24, 2004

HR	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR	00-15	15-30	30-45	45-00	HR	00-15	15-30	30-45	45-00	HR	00-15	15-30	30-45	45-00
Begin	Total					Total					Total				
00	109	34	34	25	16										
01	57	11	21	13	12										
02	31	13	14	3	1										
03	31	4	15	6	6										
04	22	4	12	0	6										
05	25	4	5	6	10										
06	107	17	20	31	39										
07	305	37	44	91	133										
08	541	140	144	115	142										
09	552	136	116	156	144										
10	545	132	117	142	154										
11	576	147	112	154	163										
12	655	147	175	168	165										
13	678	165	193	156	164										
14	642	176	181	120	165										
15	688	160	166	173	189										
16	746	162	211	189	184										
17	667	173	191	123	180										
18	755	201	189	185	180										
19	636	152	155	163	166										
20	579	153	163	141	122										
21	491	136	120	108	127										
22	420	99	86	116	119										
23	320	101	101	59	59										
	10178	Total				Total					Total				

Channel 1

AM Peak Hour Start 11:00  
 AM Peak Hour Total 576  
 AM Peak Hour Factor 88.34 %  
 PM Peak Hour Start 16:15  
 PM Peak Hour Total 757  
 PM Peak Hour Factor 89.69 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T ARIES & CAPRICORN - NB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 44  
 Direction None  
 Date 6/19/2004  
 Real Time 23:57  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 44

Friday, June 25, 2004

HR	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	161	53	47	41	20										
01	94	28	20	21	25										
02	70	18	23	18	11										
03	39	16	9	7	7										
04	21	6	8	2	5										
05	67	14	8	10	35										
06	156	18	19	43	76										
07	484	78	95	127	184										
08	800	201	209	207	183										
09	781	147	192	197	245										
10	892	195	234	237	226										
11	835	236	237	228	134										
12	712	184	148	194	186										
13	692	170	206	156	160										
14	637	169	145	158	165										
15	646	177	151	146	172										
16	646	161	168	160	157										
17	628	160	146	144	178										
18	622	162	161	148	151										
19	582	132	140	147	163										
20	560	171	139	125	125										
21	506	109	102	152	143										
22	467	124	110	107	126										
23	335	96	87	81	71										
	11433	Total					Total					Total			

Channel 1

AM Peak Hour Start 10:30  
 AM Peak Hour Total 936  
 AM Peak Hour Factor 98.73 %  
 PM Peak Hour Start 12:30  
 PM Peak Hour Total 756  
 PM Peak Hour Factor 91.75 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T ARIES & CAPRICORN - NB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 44  
 Direction None  
 Date 6/19/2004  
 Real Time 23:57  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 44

Saturday, June 26, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	148	39	41	33	35										
01	80	21	16	21	22										
02	82	33	27	10	12										
03	26	6	6	5	9										
04	14	5	1	3	5										
05	28	3	6	5	14										
06	81	12	25	11	33										
07	190	34	33	51	72										
08	342	85	70	92	95										
09	449	106	107	112	124										
10	531	133	155	123	120										
11	613	154	143	153	163										
12	653	161	154	159	179										
13	702	169	185	181	167										
14	780	179	190	183	228										
15	775	198	204	188	185										
16	838	219	212	204	203										
17	687	167	169	174	177										
18	684	169	169	165	181										
19	640	173	140	154	173										
20	536	131	120	137	148										
21	514	128	136	133	117										
22	436	123	108	111	94										
23	331	100	83	82	66										
	10160	Total				Total					Total				

Channel 1

AM Peak Hour Start 11:00  
 AM Peak Hour Total 613  
 AM Peak Hour Factor 94.02 %  
 PM Peak Hour Start 16:00  
 PM Peak Hour Total 838  
 PM Peak Hour Factor 95.66 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor



Site Name PADRE BLVD B/T ARIES & CAPRICORN - NB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 44  
 Direction None  
 Date 6/19/2004  
 Real Time 23:57  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 44

Sunday, June 27, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	192	75	38	36	43										
01	131	29	35	29	38										
02	97	37	29	17	14										
03	27	6	9	10	2										
04	28	4	7	9	8										
05	31	3	7	6	15										
06	80	9	20	21	30										
07	121	26	16	40	39										
08	245	65	53	54	73										
09	331	64	101	89	77										
10	481	113	109	135	124										
11	528	138	133	125	132										
12	600	131	150	160	159										
13	663	162	163	167	171										
14	765	186	200	186	193										
15	782	215	204	196	167										
16	742	187	171	183	201										
17	620	182	157	152	129										
18	544	161	124	133	126										
19	505	129	135	119	122										
20	413	108	88	114	103										
21	356	97	96	84	79										
22	284	81	72	65	66										
23	160	55	43	33	29										
	8726	Total				Total					Total				

Channel 1

AM Peak Hour Start 10:30  
 AM Peak Hour Total 530  
 AM Peak Hour Factor 96.01 %  
 PM Peak Hour Start 14:45  
 PM Peak Hour Total 808  
 PM Peak Hour Factor 93.95 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T ARIES & CAPRICORN - SB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 45  
 Direction None  
 Date 6/19/2004  
 Real Time 23:58  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 45

Sunday, June 27, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	224	53	59	51	61										
01	153	33	48	48	24										
02	100	37	26	19	18										
03	44	14	9	17	4										
04	44	17	8	9	10										
05	36	9	13	10	4										
06	58	11	16	14	17										
07	150	32	28	41	49										
08	226	54	48	49	75										
09	443	101	93	128	121										
10	574	116	123	168	167										
11	664	157	147	158	202										
12	602	160	156	149	137										
13	487	136	115	117	119										
14	504	116	129	131	128										
15	623	145	172	137	169										
16	624	149	184	126	165										
17	759	203	177	182	197										
18	753	188	214	189	162										
19	827	203	187	203	234										
20	818	200	214	211	193										
21	491	159	147	95	90										
22	213	60	53	51	49										
23	155	55	40	28	32										
	9572	Total				Total					Total				

Channel 1

AM Peak Hour Start 11:00  
 AM Peak Hour Total 664  
 AM Peak Hour Factor 82.18 %  
 PM Peak Hour Start 19:45  
 PM Peak Hour Total 859  
 PM Peak Hour Factor 91.77 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T ARIES & CAPRICORN - SB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 45  
 Direction None  
 Date 6/19/2004  
 Real Time 23:58  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 45

Sunday, June 20, 2004

HR	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR	00-15	15-30	30-45	45-00	HR	00-15	15-30	30-45	45-00	HR	00-15	15-30	30-45	45-00
00	224	53	59	51	61										
01	130	48	28	30	24										
02	169	32	90	23	24										
03	68	17	12	8	31										
04	59	15	19	16	9										
05	48	8	9	9	22										
06	93	13	27	24	29										
07	181	38	49	44	50										
08	270	54	60	68	88										
09	476	106	93	139	138										
10	609	133	160	154	162										
11	727	160	185	181	201										
12	600	197	148	137	118										
13	556	134	133	152	137										
14	611	162	152	149	148										
15	670	167	181	154	168										
16	744	179	195	175	195										
17	881	243	214	219	205										
18	835	195	215	212	213										
19	788	183	188	203	214										
20	837	222	224	198	193										
21	501	166	132	111	92										
22	248	80	63	61	44										
23	147	45	40	32	30										
	10472	Total				Total					Total				

Channel 1

AM Peak Hour Start 11:00  
 AM Peak Hour Total 727  
 AM Peak Hour Factor 90.42 %  
 PM Peak Hour Start 17:00  
 PM Peak Hour Total 881  
 PM Peak Hour Factor 90.64 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T ARIES & CAPRICORN - SB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 45  
 Direction None  
 Date 6/19/2004  
 Real Time 23:58  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 45

Monday, June 21, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	92	34	29	8	21										
01	57	20	12	10	15										
02	46	8	21	10	7										
03	27	12	8	2	5										
04	23	4	7	8	4										
05	34	4	7	8	15										
06	75	15	12	18	30										
07	185	44	44	48	49										
08	276	49	60	73	94										
09	413	95	93	125	100										
10	482	119	118	124	121										
11	512	118	140	121	133										
12	516	172	140	91	113										
13	482	118	117	112	135										
14	454	126	110	102	116										
15	450	113	113	111	113										
16	548	127	147	121	153										
17	520	149	136	126	109										
18	492	123	128	125	116										
19	477	129	130	111	107										
20	436	101	123	117	95										
21	304	98	83	78	45										
22	175	55	53	27	40										
23	104	24	34	24	22										
	7180	Total				Total					Total				

Channel 1

AM Peak Hour Start 11:00  
 AM Peak Hour Total 512  
 AM Peak Hour Factor 91.43 %  
 PM Peak Hour Start 16:15  
 PM Peak Hour Total 570  
 PM Peak Hour Factor 93.14 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T ARIES & CAPRICORN - SB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 45  
 Direction None  
 Date 6/19/2004  
 Real Time 23:58  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 45

Tuesday, June 22, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	62	26	16	12	8										
01	36	9	11	5	11										
02	32	7	12	8	5										
03	16	6	2	5	3										
04	9	3	3	1	2										
05	32	3	2	10	17										
06	88	20	14	24	30										
07	165	40	27	39	59										
08	269	62	56	65	86										
09	401	97	95	91	118										
10	515	108	124	128	155										
11	525	155	123	130	117										
12	567	168	129	133	137										
13	505	127	132	115	131										
14	475	124	117	108	126										
15	490	113	121	126	130										
16	505	120	123	140	122										
17	546	163	155	118	110										
18	485	110	133	123	119										
19	538	138	130	136	134										
20	401	122	94	98	87										
21	282	93	80	60	49										
22	136	38	37	35	26										
23	86	32	26	18	10										
	7166	Total					Total					Total			

Channel 1

AM Peak Hour Start 10:45  
 AM Peak Hour Total 563  
 AM Peak Hour Factor 90.81 %  
 PM Peak Hour Start 16:30  
 PM Peak Hour Total 580  
 PM Peak Hour Factor 88.96 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T ARIES & CAPRICORN - SB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 45  
 Direction None  
 Date 6/19/2004  
 Real Time 23:58  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 45

Wednesday, June 23, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	48	12	17	14	5										
01	19	5	6	6	2										
02	22	12	2	7	1										
03	10	1	1	3	5										
04	9	3	1	4	1										
05	21	4	2	4	11										
06	69	17	10	21	21										
07	138	28	30	41	39										
08	255	73	44	58	80										
09	354	76	85	89	104										
10	465	101	115	129	120										
11	564	133	128	143	160										
12	599	178	130	152	139										
13	471	125	117	96	133										
14	489	128	117	117	127										
15	521	148	123	107	143										
16	525	137	119	144	125										
17	558	181	136	128	113										
18	492	148	122	122	100										
19	465	117	121	96	131										
20	404	112	99	103	90										
21	504	122	183	124	75										
22	224	69	49	52	54										
23	118	40	35	18	25										
	7344	Total				Total					Total				

Channel 1

AM Peak Hour Start 11:00  
 AM Peak Hour Total 564  
 AM Peak Hour Factor 88.13 %  
 PM Peak Hour Start 12:00  
 PM Peak Hour Total 599  
 PM Peak Hour Factor 84.13 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T ARIES & CAPRICORN - SB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 45  
 Direction None  
 Date 6/19/2004  
 Real Time 23:58  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 45

Wednesday, June 23, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	48	12	17	14	5										
01	19	5	6	6	2										
02	22	12	2	7	1										
03	10	1	1	3	5										
04	9	3	1	4	1										
05	21	4	2	4	11										
06	69	17	10	21	21										
07	138	28	30	41	39										
08	255	73	44	58	80										
09	354	76	85	89	104										
10	465	101	115	129	120										
11	564	133	128	143	160										
12	599	178	130	152	139										
13	471	125	117	96	133										
14	489	129	117	117	127										
15	521	148	123	107	143										
16	525	137	119	144	125										
17	558	181	136	128	113										
18	492	148	122	122	100										
19	465	117	121	96	131										
20	404	112	99	103	90										
21	504	122	183	124	75										
22	224	69	49	52	54										
23	118	40	35	18	25										
	7344	Total				Total					Total				

Channel 1

AM Peak Hour Start 11:00  
 AM Peak Hour Total 564  
 AM Peak Hour Factor 88.13 %  
 PM Peak Hour Start 12:00  
 PM Peak Hour Total 599  
 PM Peak Hour Factor 84.13 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T ARIES & CAPRICORN - SB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 45  
 Direction None  
 Date 6/19/2004  
 Real Time 23:58  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 45

Thursday, June 24, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	75	25	16	16	18										
01	37	14	7	9	7										
02	32	7	14	8	3										
03	12	0	5	3	4										
04	14	3	3	4	4										
05	29	3	2	9	15										
06	83	8	23	24	28										
07	186	35	47	45	59										
08	272	53	67	82	70										
09	382	87	85	89	121										
10	484	114	120	120	130										
11	587	128	134	153	172										
12	627	202	162	119	144										
13	562	155	156	137	114										
14	477	124	126	126	101										
15	491	129	131	112	119										
16	585	150	130	140	165										
17	651	184	167	162	138										
18	523	139	131	123	130										
19	530	126	144	133	127										
20	665	107	138	165	255										
21	453	186	108	83	76										
22	256	68	66	63	59										
23	192	64	46	49	33										
	8205	Total				Total					Total				

Channel 1

AM Peak Hour Start 11:00  
 AM Peak Hour Total 587  
 AM Peak Hour Factor 85.32 %  
 PM Peak Hour Start 20:15  
 PM Peak Hour Total 744  
 PM Peak Hour Factor 72.94 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor



Site Name PADRE BLVD B/T ARIES & CAPRICORN - SB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 45  
 Direction None  
 Date 6/19/2004  
 Real Time 23:58  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 45

Friday, June 25, 2004

HR	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR	00-15	15-30	30-45	45-00	HR	00-15	15-30	30-45	45-00	HR	00-15	15-30	30-45	45-00
Begin	Total					Total					Total				
00	88	28	18	27	15										
01	52	11	11	16	14										
02	33	11	11	7	4										
03	18	8	4	2	4										
04	13	4	3	2	4										
05	33	5	7	9	12										
06	101	24	24	26	27										
07	210	44	61	56	49										
08	288	58	67	68	95										
09	409	91	106	106	106										
10	554	140	118	138	158										
11	719	173	176	188	182										
12	690	228	167	139	156										
13	608	157	136	151	164										
14	606	138	177	152	139										
15	630	145	168	160	157										
16	687	216	152	159	160										
17	585	149	167	146	123										
18	613	147	146	151	169										
19	608	141	146	143	173										
20	701	193	162	176	170										
21	716	258	238	108	112										
22	352	99	87	79	87										
23	303	121	72	64	46										
	9617	Total					Total					Total			

Channel 1

AM Peak Hour Start 11:00  
 AM Peak Hour Total 719  
 AM Peak Hour Factor 95.61 %  
 PM Peak Hour Start 20:30  
 PM Peak Hour Total 842  
 PM Peak Hour Factor 81.59 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Site Name PADRE BLVD B/T ARIES & CAPRICORN - SB  
 Jurisdiction SOUTH PADRE ISLAND, TX  
 Study Type Volume (ch1)  
 Location Code 45  
 Direction None  
 Date 6/19/2004  
 Real Time 23:58  
 Start Date 6/20/2004  
 Start Time 00:00  
 Sample Time 00:15  
 Operator Number 0  
 Machine Number 45

Saturday, June 26, 2004

HR Begin	Channel 1					Channel 2					Channel 1 + Channel 2				
	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00	HR Total	00-15	15-30	30-45	45-00
00	118	41	29	22	26										
01	76	29	17	16	14										
02	59	15	29	8	7										
03	34	7	6	8	13										
04	24	10	3	6	5										
05	43	8	11	13	11										
06	73	19	12	21	21										
07	162	40	37	33	52										
08	291	58	75	72	86										
09	460	101	87	121	151										
10	577	137	123	147	170										
11	617	163	164	137	153										
12	661	177	167	162	155										
13	593	139	163	140	151										
14	565	135	131	135	164										
15	605	158	142	156	149										
16	718	159	175	189	195										
17	856	215	170	216	255										
18	810	211	184	188	227										
19	807	218	196	211	182										
20	755	205	189	168	193										
21	560	145	157	148	110										
22	409	101	97	120	91										
23	310	87	96	66	61										
	10183	Total				Total					Total				

Channel 1

AM Peak Hour Start 10:30  
 AM Peak Hour Total 644  
 AM Peak Hour Factor 94.71 %  
 PM Peak Hour Start 17:30  
 PM Peak Hour Total 866  
 PM Peak Hour Factor 84.90 %

Channel 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor  
 PM Peak Hour Start  
 PM Peak Hour Total  
 PM Peak Hour Factor

Channel 1 + 2

AM Peak Hour Start  
 AM Peak Hour Total  
 AM Peak Hour Factor

Start Date 6/21/2004  
 Start Time 8:00  
 Site Code 241

PADRE BLVD. and HARBOR STREET  
 Bicycle Counts

Street Name Start Time	PADRE BLVD--Southbound			HARBOR--Westbound			PADRE BLVD--Northbound			HARBOR--Eastbound			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Peds
8:00	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15	0	3	0	0	0	0	0	4	0	0	0	0	0
8:30	0	2	0	3	0	0	0	1	0	0	0	0	0
8:45	0	4	0	0	0	0	0	3	0	0	0	0	0
<b>Subtotal</b>	<b>0</b>	<b>9</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
9:00	0	1	0	0	0	0	0	1	0	0	0	0	0
9:15	0	0	0	0	0	0	0	1	0	0	0	0	0
9:30	0	1	0	0	0	0	0	5	0	0	0	0	0
9:45	0	1	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45	0	0	0	0	0	0	0	1	0	0	0	0	0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30	0	3	0	0	0	0	0	0	0	0	0	0	0
11:45	0	0	0	0	0	0	0	1	0	0	0	0	0
<b>Subtotal</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
16:00	0	1	0	0	0	0	0	1	0	0	0	0	0
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	1	0	0	0	0	0
17:30	0	1	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	2	0	0	0	0	0
<b>Subtotal</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
18:00	0	0	0	0	0	1	0	1	0	0	0	0	0
18:15	0	0	0	0	0	0	0	0	0	0	0	0	0
18:30	0	1	0	0	0	0	0	1	0	0	0	0	0
18:45	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0
19:15	0	0	0	0	0	0	0	2	0	0	0	0	0
19:30	0	0	0	0	0	0	0	0	0	0	0	0	0
19:45	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Start Date 6/21/2004  
 Start Time 8:00  
 Site Code 241

**PADRE BKVD and HARBOR STREET  
 Car and Pedestrian Counts**

Street Name Start Time	PADRE BLVD--Southbound			HARBOR--Westbound			PADRE BLVD--Northbound			HARBOR--Eastbound		
	Left	Thru	Peds	Left	Thru	Peds	Left	Thru	Peds	Left	Thru	Peds
8:00	2	99	0	2	9	1	0	0	120	3	2	0
8:15	1	106	0	3	8	4	0	0	127	8	0	0
8:30	2	105	0	3	9	1	2	0	147	8	2	0
8:45	2	140	0	0	12	2	0	0	171	2	4	0
<b>Subtotal</b>	<b>7</b>	<b>450</b>	<b>0</b>	<b>8</b>	<b>38</b>	<b>8</b>	<b>2</b>	<b>0</b>	<b>565</b>	<b>21</b>	<b>8</b>	<b>0</b>
9:00	0	156	0	0	11	3	0	0	157	12	3	0
9:15	2	135	1	3	10	2	0	2	159	9	1	0
9:30	0	160	0	7	17	0	1	1	145	9	3	0
9:45	3	161	0	1	19	0	2	0	167	5	7	0
<b>Subtotal</b>	<b>5</b>	<b>612</b>	<b>1</b>	<b>11</b>	<b>57</b>	<b>9</b>	<b>1</b>	<b>4</b>	<b>628</b>	<b>35</b>	<b>14</b>	<b>2</b>
10:00	0	171	1	4	17	0	1	6	149	5	0	0
10:15	2	164	0	0	20	3	0	0	150	10	5	1
10:30	4	162	0	2	17	0	2	0	136	13	0	3
10:45	1	189	1	0	22	0	0	0	181	7	8	0
<b>Subtotal</b>	<b>7</b>	<b>686</b>	<b>2</b>	<b>6</b>	<b>76</b>	<b>6</b>	<b>6</b>	<b>2</b>	<b>616</b>	<b>35</b>	<b>13</b>	<b>4</b>
11:00	2	193	1	0	20	4	0	3	202	10	0	2
11:15	6	225	0	0	24	1	5	0	173	9	0	0
11:30	2	217	0	1	17	1	2	1	151	9	2	1
11:45	2	203	0	3	26	0	6	0	209	10	0	1
<b>Subtotal</b>	<b>12</b>	<b>838</b>	<b>1</b>	<b>4</b>	<b>87</b>	<b>2</b>	<b>17</b>	<b>1</b>	<b>735</b>	<b>38</b>	<b>2</b>	<b>4</b>
16:00	5	216	0	3	33	0	2	0	217	22	1	0
16:15	1	205	1	0	22	0	3	0	211	19	1	0
16:30	3	197	1	1	10	0	5	0	220	15	0	1
16:45	2	202	0	0	28	0	2	0	212	11	3	0
<b>Subtotal</b>	<b>11</b>	<b>820</b>	<b>2</b>	<b>4</b>	<b>91</b>	<b>0</b>	<b>12</b>	<b>0</b>	<b>860</b>	<b>67</b>	<b>5</b>	<b>3</b>
17:00	0	295	0	3	41	0	1	1	228	13	2	0
17:15	1	209	0	0	7	0	0	0	217	8	0	0
17:30	2	209	1	1	17	0	4	0	239	21	2	0
17:45	3	196	1	2	15	0	4	0	243	10	3	0
<b>Subtotal</b>	<b>6</b>	<b>909</b>	<b>2</b>	<b>6</b>	<b>80</b>	<b>0</b>	<b>9</b>	<b>1</b>	<b>927</b>	<b>52</b>	<b>7</b>	<b>3</b>
18:00	2	184	0	0	18	0	3	0	209	9	1	0
18:15	3	170	0	9	20	0	6	0	202	11	3	0
18:30	1	193	1	2	27	0	3	0	183	13	0	0
18:45	0	163	0	3	15	0	1	0	190	11	4	0
<b>Subtotal</b>	<b>6</b>	<b>710</b>	<b>1</b>	<b>14</b>	<b>80</b>	<b>0</b>	<b>13</b>	<b>0</b>	<b>784</b>	<b>44</b>	<b>8</b>	<b>4</b>
19:00	1	169	1	1	14	0	4	1	233	10	0	0
19:15	1	180	1	0	18	0	5	0	202	7	1	0
19:30	2	157	0	0	9	0	0	0	210	12	4	2
19:45	1	189	1	0	11	0	0	0	183	5	1	0
<b>Subtotal</b>	<b>5</b>	<b>695</b>	<b>3</b>	<b>1</b>	<b>52</b>	<b>0</b>	<b>9</b>	<b>1</b>	<b>828</b>	<b>34</b>	<b>6</b>	<b>6</b>



**PADRE BLVD. and PALM STREET  
Bicycle Counts**

Start Date 6/21/2004  
 Start Time 8:00  
 Site Code 117

Street Name Start Time	PADRE BLVD--Southbound			PALM--Westbound			PADRE BLVD--Northbound			PALM--Eastbound			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Peds
8:00	0	1	0	0	0	0	0	0	0	0	0	0	1
8:15	0	2	0	0	0	0	0	1	0	0	0	0	0
8:30	0	2	0	0	0	0	0	1	0	0	0	0	0
8:45	0	1	0	0	0	0	0	3	0	0	0	0	3
<b>Subtotal</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>
9:00	0	1	0	0	0	0	0	1	0	0	0	0	0
9:15	0	2	0	0	0	0	0	0	0	0	0	0	0
9:30	0	3	0	0	0	0	2	3	0	0	0	0	0
9:45	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30	0	1	0	0	0	0	1	0	0	0	0	0	0
10:45	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30	0	1	0	0	0	0	0	0	0	0	0	2	0
11:45	0	0	0	0	0	0	0	1	0	0	0	0	0
<b>Subtotal</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>
16:00	0	0	0	0	0	0	0	1	0	0	0	0	0
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	1	0	0	0	0	0
17:30	0	1	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	2	0	0	0	0	0
<b>Subtotal</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
18:00	0	0	0	0	0	0	0	2	0	0	0	0	0
18:15	0	1	0	0	0	0	0	0	0	0	0	0	0
18:30	0	0	0	0	0	0	0	1	0	0	0	0	0
18:45	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0
19:15	0	0	0	0	0	0	0	2	0	0	0	0	0
19:30	0	0	0	0	0	0	0	0	0	0	0	0	0
19:45	0	0	0	0	0	0	0	0	0	0	0	0	2
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>

Start Date 6/21/2004  
 Start Time 8:00  
 Site Code 117

**PADRE BLVD and PALM STREET**  
**Car & Pedestrian Counts**

Street Name	PADRE BLVD--Southbound			Palm--Westbound			PADRE BLVD--Northbound			Palm--Eastbound			
	Left	Thru	Peds	Left	Right	Peds	Left	Thru	Right	Left	Thru	Right	Peds
8:00	0	104	0	0	0	0	0	119	1	3	0	0	0
8:15	0	94	1	0	0	0	3	125	0	2	0	0	7
8:30	0	103	0	1	0	0	4	135	0	2	0	0	5
8:45	2	141	1	0	0	0	3	171	1	1	2	1	4
<b>Subtotal</b>	<b>2</b>	<b>442</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>550</b>	<b>2</b>	<b>8</b>	<b>2</b>	<b>1</b>	<b>16</b>
9:00	0	146	2	0	0	1	3	158	0	3	2	0	11
9:15	0	133	0	0	0	0	3	161	2	2	1	1	10
9:30	2	157	1	2	0	2	2	156	1	2	3	0	6
9:45	0	167	0	0	1	0	2	171	3	2	5	0	9
<b>Subtotal</b>	<b>2</b>	<b>603</b>	<b>3</b>	<b>6</b>	<b>0</b>	<b>4</b>	<b>10</b>	<b>646</b>	<b>6</b>	<b>9</b>	<b>11</b>	<b>1</b>	<b>36</b>
10:00	0	156	4	0	0	0	2	138	3	0	2	0	12
10:15	0	158	3	2	0	0	5	152	1	1	1	0	10
10:30	0	166	2	1	0	2	0	139	0	0	0	0	11
10:45	0	183	2	1	1	1	3	173	0	2	1	0	10
<b>Subtotal</b>	<b>0</b>	<b>663</b>	<b>11</b>	<b>3</b>	<b>0</b>	<b>3</b>	<b>10</b>	<b>602</b>	<b>4</b>	<b>3</b>	<b>4</b>	<b>0</b>	<b>43</b>
11:00	0	188	2	0	1	1	0	199	2	0	0	0	11
11:15	1	222	0	2	0	1	0	187	0	0	0	0	11
11:30	0	206	1	3	0	0	5	155	2	3	1	1	10
11:45	2	201	1	0	0	0	4	213	1	0	0	0	8
<b>Subtotal</b>	<b>3</b>	<b>817</b>	<b>4</b>	<b>6</b>	<b>1</b>	<b>2</b>	<b>13</b>	<b>754</b>	<b>5</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>40</b>
16:00	0	223	2	6	0	1	2	225	1	2	1	0	9
16:15	1	203	0	5	0	2	5	221	0	0	5	0	8
16:30	0	180	1	3	0	1	1	225	0	0	1	1	13
16:45	2	210	1	3	0	3	3	215	1	3	0	1	10
<b>Subtotal</b>	<b>3</b>	<b>816</b>	<b>4</b>	<b>17</b>	<b>0</b>	<b>8</b>	<b>11</b>	<b>886</b>	<b>2</b>	<b>5</b>	<b>7</b>	<b>2</b>	<b>40</b>
17:00	1	283	2	3	1	0	8	227	0	1	5	0	15
17:15	1	208	3	0	1	2	4	214	0	2	2	0	10
17:30	3	212	4	1	0	2	8	245	2	4	2	1	8
17:45	1	182	3	0	0	1	4	245	2	6	1	1	21
<b>Subtotal</b>	<b>6</b>	<b>885</b>	<b>12</b>	<b>4</b>	<b>1</b>	<b>5</b>	<b>24</b>	<b>931</b>	<b>4</b>	<b>13</b>	<b>10</b>	<b>2</b>	<b>54</b>
18:00	0	170	3	0	0	1	4	221	0	0	3	0	9
18:15	0	181	0	0	0	1	14	198	2	2	1	1	8
18:30	1	193	4	2	0	1	4	188	0	0	3	0	6
18:45	0	153	1	2	0	0	5	186	2	0	4	0	13
<b>Subtotal</b>	<b>1</b>	<b>697</b>	<b>8</b>	<b>4</b>	<b>0</b>	<b>3</b>	<b>27</b>	<b>793</b>	<b>4</b>	<b>2</b>	<b>11</b>	<b>1</b>	<b>36</b>
19:00	0	171	4	0	2	1	2	237	0	0	2	0	9
19:15	3	184	2	3	0	1	3	205	0	1	1	0	5
19:30	0	157	0	0	0	0	4	219	2	2	3	0	6
19:45	0	198	2	0	1	1	9	186	1	4	3	0	12
<b>Subtotal</b>	<b>3</b>	<b>710</b>	<b>8</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>18</b>	<b>847</b>	<b>3</b>	<b>7</b>	<b>9</b>	<b>0</b>	<b>32</b>

**PADRE BLVD. and PALM STREET  
Truck Counts**

Start Date 6/21/2004  
 Start Time 8:00  
 Site Code 117

Street Name Start Time	PADRE BLVD--Southbound			PALM--Westbound			PADRE BLVD--Northbound			PALM--Eastbound			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Peds
8:00	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15	0	1	0	0	0	0	0	0	4	0	0	0	0
8:30	0	0	0	0	0	0	0	0	1	0	0	0	0
8:45	0	0	0	0	0	0	0	0	5	0	0	0	0
<b>Subtotal</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
9:00	0	0	0	0	0	0	0	0	3	1	0	0	0
9:15	0	0	0	0	0	0	0	0	8	0	0	0	0
9:30	0	4	0	0	0	0	0	0	8	0	0	0	0
9:45	0	4	0	0	0	0	0	0	1	0	0	1	0
<b>Subtotal</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>
10:00	0	1	0	0	0	0	0	0	6	0	0	0	0
10:15	0	2	0	0	0	0	0	0	3	0	0	0	0
10:30	0	2	0	0	0	0	0	0	4	0	0	0	0
10:45	0	6	0	0	0	0	0	0	7	0	0	0	0
<b>Subtotal</b>	<b>0</b>	<b>11</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
11:00	0	5	0	0	0	0	0	0	3	0	0	0	0
11:15	0	2	0	0	0	0	0	0	1	0	0	0	0
11:30	0	2	0	0	0	0	0	0	2	0	0	1	0
11:45	0	8	0	0	0	0	0	0	5	0	0	0	0
<b>Subtotal</b>	<b>0</b>	<b>17</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>
16:00	0	6	0	0	0	0	0	0	2	0	0	0	0
16:15	0	1	0	0	0	0	0	0	1	0	0	0	0
16:30	0	3	0	0	0	0	0	0	0	0	0	0	0
16:45	0	1	0	0	0	0	0	0	2	0	0	0	0
<b>Subtotal</b>	<b>0</b>	<b>11</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
17:00	0	5	0	0	0	0	0	0	5	0	0	0	0
17:15	0	3	0	0	0	0	0	0	3	0	0	0	0
17:30	0	3	0	0	0	0	0	0	1	0	0	0	0
17:45	0	1	0	0	0	0	0	0	2	0	0	0	0
<b>Subtotal</b>	<b>0</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
18:00	0	4	0	0	0	0	0	0	0	0	0	0	0
18:15	0	2	0	0	0	0	0	0	2	0	0	0	0
18:30	0	2	0	0	0	0	0	0	1	0	0	0	0
18:45	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
19:00	0	2	0	0	0	0	0	0	0	0	0	0	0
19:15	0	0	0	0	0	0	0	0	0	0	0	0	0
19:30	0	1	0	0	0	0	0	0	1	0	0	0	0
19:45	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>



**PADRE BLVD. and AMERJACK STREET  
Bicycle Counts**

Start Date 6/21/2004  
 Start Time 8:00  
 Site Code 23

Street Name	PADRE BLVD--Southbound			AMBERJACK--Westbound			PADRE BLVD--Northbound			AMBERJACK--Eastbound			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Peds
8:00	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30	0	0	0	0	0	0	0	2	0	0	0	0	0
8:45	1	1	0	0	0	0	2	0	0	0	0	0	0
<b>Subtotal</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
9:00	0	0	0	0	0	0	2	0	0	0	0	0	0
9:15	0	0	0	0	0	0	0	0	0	0	0	0	0
9:30	0	0	0	0	0	0	2	0	0	0	0	0	0
9:45	0	2	0	0	0	0	1	0	0	0	0	0	0
<b>Subtotal</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30	0	1	0	0	0	0	0	0	0	0	0	0	0
10:45	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15	0	0	0	0	0	0	2	0	0	0	0	0	0
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45	0	0	0	0	0	0	1	0	0	0	0	0	0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	2	0	0	0	0	0	0	0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
17:00	0	0	0	0	1	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	0	1	0	0	0	0
17:30	0	1	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	1	0	0	1	0	0	0	0
<b>Subtotal</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
18:00	1	0	0	0	0	0	0	0	0	0	0	0	0
18:15	0	0	0	0	0	0	0	0	0	0	0	0	0
18:30	0	0	0	0	0	0	0	0	0	0	0	0	0
18:45	0	0	0	0	0	0	0	0	1	0	0	0	0
<b>Subtotal</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0
19:15	0	0	0	0	0	0	0	0	0	0	0	0	0
19:30	0	0	0	0	0	0	1	2	0	0	0	0	0
19:45	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**PADRE BLVD. and AMERJACK STREET**  
Car & Pedestrian Counts

Start Date 6/21/2004  
Start Time 8:00  
Site Code 23

Street Name	PADRE BLVD--Southbound			AMBERJACK--Westbound			PADRE BLVD--Northbound			AMBERJACK--Eastbound						
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds				
8:00	2	107	0	2	0	0	0	0	1	109	1	0	0	0	2	0
8:15	1	87	1	7	0	2	0	0	3	108	1	0	0	0	1	0
8:30	0	86	0	2	0	0	0	0	2	131	0	0	0	1	0	0
8:45	0	147	0	0	3	1	0	2	1	135	0	2	0	0	0	1
	3	427	1	11	3	3	0	2	7	483	2	2	1	0	4	1
9:00	1	155	0	0	2	0	2	1	1	159	2	0	0	0	2	0
9:15	1	125	0	0	2	0	0	1	1	144	0	1	0	1	1	0
9:30	4	150	2	2	4	0	3	0	0	138	4	3	0	1	1	1
9:45	0	150	1	1	4	0	1	0	3	162	4	4	0	1	3	0
	6	580	3	3	12	0	6	2	5	603	10	4	0	3	7	1
10:00	1	160	1	0	2	0	3	0	0	133	3	2	3	1	0	0
10:15	3	160	1	1	2	0	1	1	1	138	5	0	1	0	0	0
10:30	4	158	1	1	6	0	1	0	0	121	3	1	0	1	2	3
10:45	3	186	3	1	5	0	2	0	1	147	7	0	1	0	2	0
	11	664	6	3	15	0	7	1	2	539	18	3	5	2	4	3
11:00	6	182	0	0	2	0	7	0	4	156	5	0	2	0	1	0
11:15	2	215	1	0	7	1	4	0	6	154	4	0	1	1	1	0
11:30	7	185	2	3	7	0	2	1	1	140	7	0	0	0	0	1
11:45	2	183	4	0	6	0	6	0	3	176	4	4	0	0	3	4
	17	765	7	3	22	1	19	1	14	626	20	0	3	1	5	5
16:00	0	209	0	0	5	1	4	1	6	192	4	2	3	2	3	0
16:15	3	180	1	0	6	0	5	0	1	196	4	0	4	0	2	0
16:30	3	169	3	0	6	1	5	0	4	197	13	0	4	2	1	0
16:45	2	183	5	0	5	0	2	0	6	176	4	4	4	1	2	2
	8	741	9	0	22	2	16	1	17	761	25	6	15	5	8	2
17:00	4	240	1	0	9	2	8	0	6	197	5	0	3	0	1	0
17:15	10	180	2	0	2	1	5	1	7	174	9	0	1	1	4	1
17:30	6	182	8	1	7	1	4	0	4	181	7	0	2	1	2	0
17:45	8	169	6	0	8	1	4	0	7	208	6	0	3	2	3	0
	28	771	17	1	26	5	21	1	24	760	27	0	9	4	10	1
18:00	5	164	6	0	2	1	5	0	3	188	3	1	1	0	3	0
18:15	5	180	3	0	5	1	7	3	5	186	4	0	2	0	1	0
18:30	6	177	4	0	4	1	2	8	5	166	2	0	4	0	1	0
18:45	6	135	3	0	5	2	5	0	3	159	5	0	4	1	0	0
	22	656	16	0	16	5	19	11	16	699	14	1	11	1	5	0
19:00	4	155	4	0	4	1	1	1	2	201	3	0	6	0	3	0
19:15	0	163	6	0	7	1	5	0	6	181	6	1	1	2	1	0
19:30	2	147	4	0	2	1	3	11	5	198	6	0	4	1	2	0
19:45	3	176	9	0	8	1	1	1	4	168	6	1	1	1	2	4
	9	641	23	0	21	4	10	11	17	748	21	2	12	4	8	4





Street Name  
 Start Date  
 Start Time  
 Site Code

PADRE BLVD and BAHAMA STREET  
 Car & Pedestrian Counts

6/21/2004  
 8:00  
 211

Street Name Start Time	PADRE BLVD--Southbound			BAHAMA--Westbound			PADRE BLVD--Northbound			BAHAMA--Eastbound		
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
8:00	0	96	4	1	0	0	0	2	110	0	1	1
8:15	0	83	2	5	0	0	0	3	73	0	1	0
8:30	0	90	1	0	0	0	0	8	95	0	1	0
8:45	2	107	2	0	5	0	2	2	109	0	2	0
<b>Subtotal</b>	<b>2</b>	<b>376</b>	<b>9</b>	<b>6</b>	<b>5</b>	<b>0</b>	<b>2</b>	<b>15</b>	<b>387</b>	<b>0</b>	<b>5</b>	<b>2</b>
9:00	0	140	1	2	3	0	1	4	131	2	4	0
9:15	1	128	1	1	1	0	1	5	121	2	3	0
9:30	3	150	0	1	3	0	1	4	123	3	3	0
9:45	1	142	0	2	2	0	1	5	135	2	0	0
<b>Subtotal</b>	<b>5</b>	<b>560</b>	<b>2</b>	<b>6</b>	<b>9</b>	<b>0</b>	<b>4</b>	<b>18</b>	<b>510</b>	<b>9</b>	<b>10</b>	<b>7</b>
10:00	1	159	0	1	1	0	0	1	124	3	0	0
10:15	1	144	2	2	3	1	2	1	154	1	2	0
10:30	1	146	4	1	1	0	1	3	117	4	6	0
10:45	2	164	1	2	2	0	1	5	102	5	2	0
<b>Subtotal</b>	<b>5</b>	<b>613</b>	<b>7</b>	<b>6</b>	<b>7</b>	<b>2</b>	<b>4</b>	<b>10</b>	<b>497</b>	<b>13</b>	<b>10</b>	<b>12</b>
11:00	0	167	1	1	1	1	2	1	138	1	0	0
11:15	2	194	1	2	1	0	0	2	146	1	1	0
11:30	1	168	0	4	0	0	0	5	134	3	0	0
11:45	2	166	1	0	0	0	2	1	156	0	0	0
<b>Subtotal</b>	<b>5</b>	<b>695</b>	<b>3</b>	<b>7</b>	<b>2</b>	<b>1</b>	<b>4</b>	<b>9</b>	<b>574</b>	<b>5</b>	<b>1</b>	<b>14</b>
16:00	0	176	2	0	3	0	3	1	179	2	0	0
16:15	1	174	2	4	1	0	1	3	175	5	4	0
16:30	2	170	0	1	1	0	1	4	205	3	2	0
16:45	1	158	2	0	1	1	3	4	162	4	1	0
<b>Subtotal</b>	<b>4</b>	<b>678</b>	<b>6</b>	<b>5</b>	<b>6</b>	<b>1</b>	<b>8</b>	<b>12</b>	<b>721</b>	<b>14</b>	<b>7</b>	<b>15</b>
17:00	0	236	2	0	9	0	3	0	179	8	0	0
17:15	1	157	2	6	3	0	2	1	163	6	4	1
17:30	2	180	2	1	3	0	4	3	181	3	1	1
17:45	0	159	1	0	3	0	4	1	195	6	0	0
<b>Subtotal</b>	<b>3</b>	<b>732</b>	<b>7</b>	<b>7</b>	<b>18</b>	<b>0</b>	<b>13</b>	<b>5</b>	<b>718</b>	<b>23</b>	<b>5</b>	<b>17</b>
18:00	2	140	0	0	2	0	1	6	161	2	0	0
18:15	1	158	2	0	6	0	2	2	170	6	0	0
18:30	1	167	1	0	2	0	1	0	148	4	0	0
18:45	2	135	0	0	2	0	3	0	159	4	1	0
<b>Subtotal</b>	<b>6</b>	<b>600</b>	<b>3</b>	<b>0</b>	<b>12</b>	<b>0</b>	<b>7</b>	<b>8</b>	<b>638</b>	<b>16</b>	<b>1</b>	<b>3</b>
19:00	2	154	2	0	3	0	0	2	194	5	0	0
19:15	3	170	0	0	2	0	4	4	160	4	1	0
19:30	2	143	1	2	3	0	1	3	167	6	4	0
19:45	1	155	0	0	3	1	2	1	156	1	0	0
<b>Subtotal</b>	<b>8</b>	<b>622</b>	<b>3</b>	<b>2</b>	<b>11</b>	<b>1</b>	<b>7</b>	<b>10</b>	<b>677</b>	<b>16</b>	<b>5</b>	<b>8</b>



**PADRE BLVD, andMORNINGSIDE STREET  
Bicycle Counts**

Start Date 6/21/2004  
 Start Time 8:00  
 Site Code 119

Street Name	PADRE BLVD--Southbound			MORNINGSIDE--Westbound			PADRE BLVD--Northbound			MORNINGSIDE--Eastbound			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Peds
8:00	0	1	0	0	0	0	0	0	0	0	0	0	0
8:15	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30	0	1	2	0	1	0	0	3	0	0	0	0	0
8:45	0	3	0	0	0	0	0	1	0	0	1	0	0
<b>Subtotal</b>	<b>0</b>	<b>5</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>
9:00	0	0	0	0	0	0	0	2	0	0	1	0	0
9:15	0	1	0	0	1	0	0	0	0	0	1	0	0
9:30	0	0	1	0	0	0	0	1	0	0	0	0	0
9:45	0	0	0	0	0	0	0	0	1	0	0	0	0
<b>Subtotal</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15	0	2	0	0	0	0	0	2	0	0	0	0	0
10:30	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
11:00	0	0	1	0	0	0	0	0	0	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0	0	0	1	0
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>
16:00	1	0	0	0	0	0	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	0	1	0	0	0	0	0
16:30	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0	1	0	0	0	0
<b>Subtotal</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15	0	1	0	0	0	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45	0	1	0	0	0	1	0	0	0	0	0	0	0
<b>Subtotal</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
18:00	0	0	0	0	0	0	0	1	0	0	1	0	0
18:15	0	0	0	0	0	0	0	0	0	0	0	0	0
18:30	0	0	0	0	0	0	0	0	0	0	0	0	0
18:45	0	0	0	0	0	0	0	1	0	0	0	0	0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>
19:00	0	0	1	0	0	0	0	0	0	0	0	0	0
19:15	0	0	0	0	0	0	0	0	0	0	0	0	0
19:30	0	0	0	0	0	0	0	1	0	0	0	0	0
19:45	0	1	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**PADRE BLVD. and MORNINGSIDE STREET  
Car & Pedestrian Counts**

Start Date 6/21/2004  
Start Time 8:00  
Site Code 119

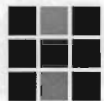
Street Name Start Time	PADRE BLVD--Southbound			MORNINGSIDE--Westbound			PADRE BLVD--Northbound			MORNINGSIDE--Eastbound		
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds
8:00	1	34	3	1	11	0	0	0	5	54	2	0
8:15	0	44	4	1	3	1	0	0	2	50	4	0
8:30	0	50	3	1	4	0	0	0	8	58	5	0
8:45	1	73	8	0	8	0	0	2	3	60	4	0
<b>Subtotal</b>	<b>2</b>	<b>201</b>	<b>18</b>	<b>3</b>	<b>26</b>	<b>11</b>	<b>1</b>	<b>2</b>	<b>18</b>	<b>222</b>	<b>15</b>	<b>0</b>
9:00	0	57	7	0	10	1	1	0	6	48	6	0
9:15	1	69	2	0	7	0	1	0	2	66	8	1
9:30	1	75	9	0	13	1	2	0	3	61	4	0
9:45	1	70	1	0	11	0	2	0	3	71	6	0
<b>Subtotal</b>	<b>3</b>	<b>271</b>	<b>19</b>	<b>0</b>	<b>41</b>	<b>2</b>	<b>6</b>	<b>0</b>	<b>14</b>	<b>246</b>	<b>24</b>	<b>1</b>
10:00	1	81	2	1	6	1	2	0	3	72	5	0
10:15	2	74	0	4	12	0	1	0	4	66	4	0
10:30	1	75	4	0	7	1	2	0	2	51	2	1
10:45	2	80	2	0	10	0	0	0	2	69	5	1
<b>Subtotal</b>	<b>6</b>	<b>310</b>	<b>8</b>	<b>5</b>	<b>35</b>	<b>2</b>	<b>5</b>	<b>0</b>	<b>11</b>	<b>258</b>	<b>16</b>	<b>2</b>
11:00	0	84	2	1	7	1	3	0	3	73	3	0
11:15	3	103	5	3	8	2	2	1	3	76	2	0
11:30	4	82	5	0	8	2	0	0	1	74	7	0
11:45	1	94	2	0	4	2	1	0	1	72	4	2
<b>Subtotal</b>	<b>8</b>	<b>363</b>	<b>14</b>	<b>4</b>	<b>27</b>	<b>7</b>	<b>6</b>	<b>1</b>	<b>8</b>	<b>295</b>	<b>16</b>	<b>2</b>
16:00	3	81	2	1	10	1	1	0	7	105	14	0
16:15	2	107	3	1	4	2	3	0	5	98	8	0
16:30	3	83	2	0	13	0	2	0	9	84	9	0
16:45	3	96	4	0	12	2	2	0	6	79	9	3
<b>Subtotal</b>	<b>11</b>	<b>367</b>	<b>11</b>	<b>2</b>	<b>39</b>	<b>5</b>	<b>8</b>	<b>0</b>	<b>27</b>	<b>366</b>	<b>40</b>	<b>3</b>
17:00	1	95	1	5	9	4	0	1	1	80	7	0
17:15	7	99	1	0	6	0	1	0	9	64	8	0
17:30	2	88	0	0	10	1	1	0	3	92	14	0
17:45	2	66	0	0	6	0	1	3	5	86	9	0
<b>Subtotal</b>	<b>12</b>	<b>348</b>	<b>2</b>	<b>5</b>	<b>31</b>	<b>5</b>	<b>3</b>	<b>4</b>	<b>18</b>	<b>322</b>	<b>38</b>	<b>0</b>
18:00	2	97	0	3	8	0	2	0	5	73	7	0
18:15	1	94	3	0	8	0	0	0	4	81	6	0
18:30	2	96	1	0	6	2	2	0	3	79	7	0
18:45	1	89	2	0	10	3	1	0	5	77	6	0
<b>Subtotal</b>	<b>6</b>	<b>376</b>	<b>6</b>	<b>3</b>	<b>32</b>	<b>5</b>	<b>5</b>	<b>0</b>	<b>17</b>	<b>310</b>	<b>26</b>	<b>0</b>
19:00	3	112	3	0	7	0	2	2	3	71	6	0
19:15	6	86	2	0	14	2	0	0	5	65	8	8
19:30	2	84	3	0	9	2	0	0	8	83	5	2
19:45	2	87	10	0	6	2	1	0	2	66	4	2
<b>Subtotal</b>	<b>13</b>	<b>369</b>	<b>18</b>	<b>0</b>	<b>36</b>	<b>6</b>	<b>3</b>	<b>2</b>	<b>18</b>	<b>285</b>	<b>23</b>	<b>12</b>





## **APPENDIX 2**

**Technical Memorandum #2  
Data Collection and Analysis**



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8616 Northwest Plaza Drive  
Dallas, Texas 75225-4292  
(214) 346-6200  
Fax (214) 739-7086

## TECHNICAL MEMORANDUM # 2

**TO:** Dewey P. Cashwell, Jr.  
City Manager  
Town of South Padre Island, Texas

**DATE:** August 25, 2004 - R

**AVO:** 22330

**FROM:** Sayed Omar, PE  
Project Manager  
Email: [somar@halff.com](mailto:somar@halff.com)

**PROJECT:** Comprehensive Traffic  
Engineering Study for Padre Blvd.

**SUBJECT:** Anticipated Growth and Traffic Projections

This Technical Memorandum is the second of three scheduled deliverables to the Town of Padre Island. It addresses the methodology used to estimate the additional traffic generated by new development on existing vacant land and also determines their impact on the existing roadway system in the Island. For the purpose of this study, the anticipated land use, development densities, and traffic growth in the Island were projected for the year 2030. The roadway system in this analysis did not include any future alignment for a 2<sup>nd</sup> Causeway Crossing to South Padre Island conducted by TxDOT because no final recommendations were made on the location of a preferred alignment.

The *Community Enhancement Plan* for South Padre Island identified eight (8) distinct development Districts that focus on improving the image and reshaping the Town's growth in the future. **Figure (1)** shows the limits and name designation of each of the eight (8) districts. The plan also produced a set of schematic drawings depicting potential long term development plans for selected tracts of land within each district. **Appendix (A)** includes the schematic drawings from the plan which were utilized in our study to establish land use type and density of development in each district.

The following assumptions were made to guide the traffic projection process for South Padre Island:

1. The Island, for the next 26 years, will continue to grow and mature as a City and as a resort community.
2. Most existing vacant land and prime re-developable sites will be developed at a regular and healthy pace.
3. It is assumed that 45% of the trips generated by the island's new development will be destinations outside the Island. It is also assumed that 25% of the trips by each district will remain within district, as internal trips, and 30% will be traveling between districts, as district-to-district travel. These assumptions are based on the premise that as the town grows, more traffic generated by new development will remain on the Island. It is anticipated that more variety and good quality businesses and economic opportunities will be created on the Island.

In the 2<sup>nd</sup> *Causeway Crossing Study* prepared by TxDOT – Pharr District, traffic in and around South Padre Island was projected as a linear progression and assumed a growth rate of 1.58% per year from Yr-2002 to Yr-2040. It is estimated that 58% of the Island's traffic will have destinations outside the Island. The study also projected that the average daily traffic on Queen Isabella Causeway is 33,900 VPD in year 2030 and 38,400 VPD in year 2040. During the off peak season, the average daily traffic will decrease to 27,120 VPD and 30,720 VPD by year 2030 and year 2040 respectively. During peak season, traffic will increase to 42,600 VPD and 48,300 VPD by the year 2030 and year 2040

respectively. The year 2040 was selected as the Design Year for the 2<sup>nd</sup> Causeway Crossing. **Table (1)** lists TxDOT's projected average daily traffic per year, peak directional hourly volumes, and anticipated Level-of-Service on the Causeway from Yr - 2003 to Yr - 2040 under the "No-Build" Alternative.

The trip generation and assignment process will include:

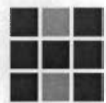
1. Determination of the percentage of vacant and/or potential redevelopment tracts of land within each district.
2. Identification of possible development type and densities according to the Town's Zoning Ordinance, and
3. Estimation of the number of trips generated by new development.

The estimated number of daily trips generated by new developments in each district was calculated using the "Trip Generation Handbook", 7<sup>th</sup> Edition, published by the Institute of Transportation Engineers in 2001. **Table (2)** lists the type and density of anticipated land use on existing vacant land, and an estimate of the number of trips generated by each development based on the ITE - Trip Generation Handbook. Traffic generated within each district is expressed in terms of average number of trips per weekday originating and terminating in each district. **Table (3)** shows an estimate of the number of anticipated trips generated by new development in each district in the year 2030. It is projected that South Padre Island will generate an additional yearly average daily traffic of 30,130 vehicles per day (VPD) in the year 2030. The number of trips generated will range from 23,560 VPD during the off-peak season to 43,265 VPD during the peak season for the target year.

The next step in the process is to distribute and assign traffic generated by new development to the existing roadway system. The number of trips generated within each district was distributed manually between districts and to destinations outside the Island. The trip distribution was based on these assumptions listed in the previous page. **Table (4)** shows a trip distribution matrix between districts and destinations outside the Island. The traffic projection process continued by manually assigning all trips to the Causeway Crossing and the section of Padre Blvd between the PR 100 and Morningside Drive.

The results of the trip distribution and assignment process show that the Causeway Crossing will carry a yearly average daily traffic of 37,450 VPD in 2030. These projections are 10% higher than those presented by TxDOT in the 2<sup>nd</sup> Causeway Crossing Study because of the difference in the methodology used in projecting future travel in the vicinity of the Island. It is also projected that the Causeway Crossing will carry an average daily traffic of 34,490 VPD and 43,360 VPD during the off-season and peak-season respectively by year 2030. The results also show that the section of Padre Blvd between Haas Street and Kingfish Street will carry a yearly average daily traffic of 43,030 VPD in 2030. It is also projected that this section of Padre Blvd. will carry an average daily traffic of 36,510 VPD during the off season and 47,415 VPD during the peak season in the year 2030. These traffic projections are consistent with the fact that this section of Padre Blvd. will serve the entertainment district and will function as a conduit to carry external traffic in and out of South Padre Island. **Table (5)** shows the 24-hr traffic volume counts and peak hour directional traffic volumes for the year 2004, and the anticipated yearly average daily traffic and peak hour traffic flow assigned to the Causeway and various sections of Padre Blvd. for the years 2010, 2020, and 2030.

The Highway Capacity Manual, HCM-2000, published by the Transportation Research Board in 2000, was used to evaluate the impact of future traffic generated by new land development on the existing roadways. For an urban arterial street, the Level-of-Service (LOS) is impacted by the presence of on-



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8616 Northwest Plaza Drive  
Dallas, Texas 75225-4292  
(214) 346-6200  
Fax (214) 739-7086

street parking, spacing of median openings, signal timing, and traffic volume. The LOS is a measure of changes in traveling speed and delays resulting from an increase in traffic volume, and change in physical and operating conditions on a section of roadway. The Level of Service indicators vary from a LOS "A" where traffic is traveling at posted speed limit and no delays occurring at intersections, to LOS "F" where traffic experiences a considerable reduction in travel speed with excessive delays at intersections.

The LOS analysis was applied to the Causeway Crossing and all sections of Padre Blvd using the average daily traffic volumes for the years 2004, 2010, 2020, and 2030. The results of analysis are summarized in **Table (6)**. The LOS analysis showed, by year 2030, the sections of Padre Blvd between PR -100 and Oleander Street will operate at a Level of Service "F". In other words, these sections will fail to handle the projected peak hour traffic flow by year 2030. This analysis is based on the assumptions that the Island development activities will steadily grow, no second causeway crossing is built, and Padre Blvd will remain as a 4-lane divided facility. It also assumed that Padre Blvd will have median openings every two city blocks. The LOS analysis showed an improvement in the LOS if the section of Padre Blvd. between the Causeway entrance and Oleander Street is improved to a 6-lane divided facility by the year 2030. Considerable improvement in the LOS was also recorded when the spacing between median openings increased from a combined 2-city block section to 4-city block section because of less conflict between through traffic and turning movements.

As a result of the trip generation and traffic projection analysis, Halff Associates staff developed three alternate plans to improve traffic operation on Padre Blvd. In addition to median modifications, the sketch plans address on-street parking layout, sidewalks, landscaping and placement of left turn lanes at intersections and mid-block locations. **Figures 3 through 5** show schematic drawings of alternative designs for Padre Blvd, for a combined 2, 3 and 4-block section configuration with raised median separation for access management. The plans also include ways of improving on-street parking and provide for continuous sidewalks along Padre Blvd. We are also aware of the negative impact of a raised median on the access and circulation to adjacent commercial and business development, particularly along the lower end of Padre Blvd. Therefore, an additional set of layout plans are presented in **Figures 6 through 8** depicting access provisions at mid-block locations and major driveways for a combined 2, 3, and 4-block section configuration.

The preparation of a conceptual design plan for the section of Padre Blvd. between Haas Street and Swordfish Street will utilize the various conceptual plans developed. The selection of any scheme will be based on section-by-section evaluation dependent upon the type of commercial development along either side of Padre Blvd. In addition, recommendations will be made to address on and off street parking requirements for businesses for both patrons and delivery vehicles. ADA requirements and pedestrian safety features will be incorporated into the design of crosswalks and sidewalks. These plans will be presented to the Town staff as part of the final report.

**Attachments: Appendix A – Potential Site Development, Community Enhancement Plan, South Padre Island**

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**Copies:** Matt Craig, PE, Halff Associates, Dallas  
Joey Trevino, Halff Associates, McAllen  
Jim Carrillo, AICP, Halff Associates, Austin

**Table 1. Queen Isabella Causeway Traffic Volumes & LOS – No Build**

Year	AADT	Peak Hour		Level of Service	
		Eastbound	Westbound	Eastbound	Westbound
2003	21700	1,380	1,507	B	C
2004	22100	1,405	1,534	B	C
2005	22600	1,437	1,569	B	C
2006	23000	1,462	1,597	B	C
2007	23500	1,494	1,632	C	C
2008	23900	1,519	1,659	C	C
2009	24400	1,551	1,694	C	C
2010	24800	1,577	1,722	C	C
2011	25300	1,608	1,756	C	D
2012	25700	1,634	1,784	C	D
2013	26200	1,666	1,819	C	F
2014	26700	1,697	1,854	C	F
2015	27100	1,723	1,881	C	F
2016	27600	1,755	1,916	D	F
2017	28000	1,780	1,944	D	F
2018	28500	1,812	1,979	F	F
2019	28900	1,837	2,006	F	F
2020	29400	1,869	2,041	F	F
2021	29800	1,895	2,069	F	F
2022	30300	1,926	2,104	F	F
2023	30700	1,952	2,131	F	F
2024	31200	1,984	2,166	F	F
2025	31600	2,009	2,194	F	F
2026	32100	2,041	2,229	F	F
2027	32500	2,066	2,256	F	F
2028	33000	2,098	2,291	F	F
2029	33400	2,123	2,319	F	F
2030	33900	2,155	2,354	F	F
2031	34400	2,187	2,388	F	F
2032	34800	2,212	2,416	F	F
2033	35300	2,244	2,451	F	F
2034	35700	2,270	2,479	F	F
2035	36200	2,301	2,513	F	F
2036	36600	2,327	2,541	F	F
2037	37100	2,359	2,576	F	F
2038	37500	2,384	2,603	F	F
2039	38000	2,416	2,638	F	F
2040	38400	2,441	2,666	F	F

**Table (2) Land Use, Densities and Generation Rate by Type for SPI**

Description	Code	Units/Acre	Trip Generation Rate		units
			Peak Season	Off Peak Season	
<b>A. Residential</b>					
High Rise Condominium/Townhouse	232	20	4.18	1.5	Acre
Low-Rise Condominium/Townhouse	230	10	4.5	2.1	Acre
Senior Adult Housing - Detached	252	42	5.71	3.9	Acre
Single Family Detached Housing	210	6	9.57	4.31	Unit
<b>B. Lodging</b>					
Resort Hotel	330	100	3.2	1.5	Room
<b>C. Recreational</b>					
Marina	420	1	32.96	11.91	Berth
Multiplex Movie Theater	443	Seat	4.76	2.14	Seat
Amusement Park	480	Acre	67.76	22.5	Acre
City Park	411	30,000 SF	15.87	8.9	1000 SF
Recreational Community Center	495	10,000 SF	13.26	6.46	1000 SF
<b>D. Office/Business</b>	Average	24,000 SF	35	25	1000 SF
Government Office Building	730	24,000 SF	25	10	1000 SF
Dental and Medical Office Building	720	25,000 SF	28.91	15.69	1000 SF
General Office Building	710	20,000 SF	43.32	31.59	1000 SF
<b>E. Retail</b>	Average	20,000 SF	75	35	1000SF
Convenience Market	852	10800 SF	330	45	1000 SF
Super Market	850	20000 SF	102.24	68.65	1000 SF
Aparel Store	870	2000 SF	66	20	1000 SF
Art and Craft	879	2000 SF	56.55	18	1000 SF
Shopping Center	820	25000 SF	42.94	12.5	1000 SF
Speciality Retail Center	814	5,000SF	44.32	21.3	1000 SF
<b>F. Services</b>	Average	20,000	75	45	1000 SF
Walk-in Bank	911	25,000SF	78.24	25.48	1000 SF
Quality Restaurant	931	15,000 SF	89.95	33.41	1000 SF
Fast Food Restaurant	933	10,500 SF	716	238	1000 SF
Gasoline/Service Station w/Convenience Market	945	Position	162.78	45.38	1000 SF

**Table (3) Estimated Number of Trips Generated by New Development - South Padre Island**

District Name	Total Land	% Developed	Proposed land use (YR - 2030 Target)	Acres	Total Trips Generation by New Development (VPD)		
					Peak Season	Average Yearly	Off Season
1 The Gateway District	N/A	0%	N/A Hotels	5	N/A	1,152	N/A
2 The Resort District	198 Acres	85%	Low Density Condominiums	10	450	351	210
			Single Family Homes	10	574	438	259
			Business	5	3,500	2,475	2,500
<b>Subtotal Resort District</b>				<b>30</b>	<b>6,124</b>	<b>4,417</b>	<b>3,719</b>
3 The Wetlands District	N/A	0%	N/A	N/A	N/A	N/A	N/A
4 The Entertainment District	80 Acres	55%	Some Existing Redevelopment will Occur in this District				
			Movie Theater	1	2,856	2,027	1,284
			High Density Townhouses	17	2,330	1,660	1,591
			Commercial and Restaurants	15	6,750	4,739	5,250
			The Strand and Boardwalk on the Bayside	3	2,215	1,581	515
<b>Subtotal Entertainment District</b>				<b>36</b>	<b>14,151</b>	<b>10,007</b>	<b>8,640</b>
5 The Central District	130 Acres	50%	Large Pockets of undeveloped Land				
			Townhouses	25	2,590	1,842	1,250
			Single Family Homes	25	1,430	1,034	647
			Commercial/Business	17	6,480	4,550	3,703
<b>Subtotal Central District</b>				<b>67</b>	<b>10,500</b>	<b>7,426</b>	<b>5,599</b>
6 The Civic Center District	4.75 Acres	30%	Town Hall	0.5	625	473	425
			Town Square	0.75	260	219	80
			Off Street parking	0.65	240	205	120
			Related Business	1.5	900	665	635
<b>Subtotal Civic Center District</b>				<b>3.4</b>	<b>2,025</b>	<b>1,562</b>	<b>1,260</b>
7 The Northern District	127	55%	High Density Condominiums	25	2,490	1,772	900
			Low Density Condominiums	12	540	414	252
			Commercial and Restaurants	6	4,950	3,485	2,250
			Single Family Homes	8	460	358	210
			Senior Living	6	935	689	730
<b>Subtotal Northern District</b>				<b>57</b>	<b>10,465</b>	<b>6,719</b>	<b>4,342</b>
<b>TOTAL New Development</b>				<b>193.4</b>	<b>43,265</b>	<b>30,130</b>	<b>23,960</b>
<b>Average Yearly Trips Generated by new Development</b>							





**Table (5) Yr - 2030 Traffic Assignment (Yearly Average Daily Traffic)**

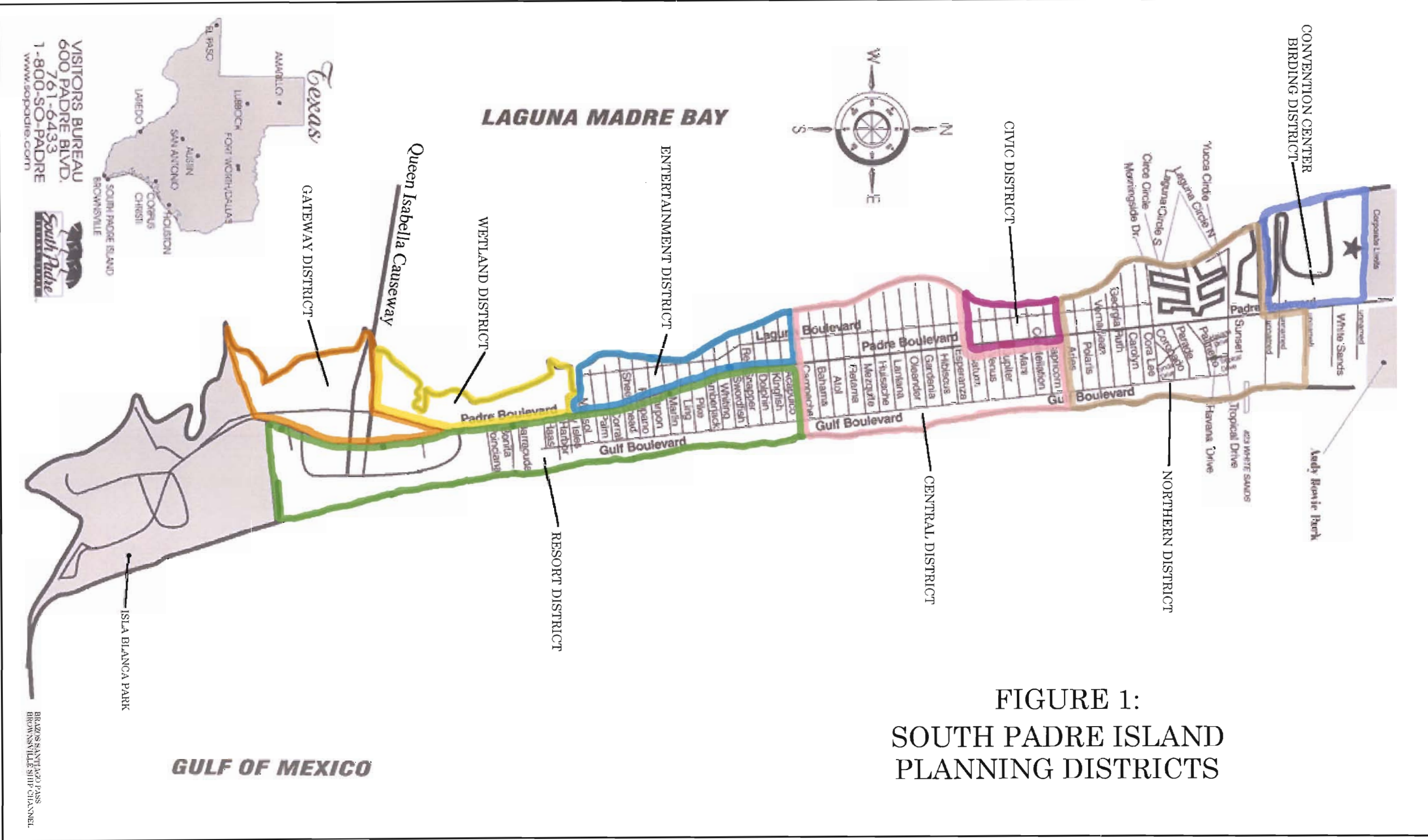
Day of the Week	Causeway Crossing			Padre N. of Causeway			Padre S. of Haas		
	Total	EB	WB	Total	NB	SB	Total	NB	SB
Average Daily Traffic/Year (1)	23,890	11,153	12,737	20,040	9,446	10,594	26,670	13,798	12,872
Total projections YR 2010	27,019	12,614	14,406	23,170	10,922	12,248	31,035	16,057	14,979
Total projections YR 2020	32,235	15,048	17,186	30,950	14,589	16,361	38,311	19,821	18,490
Total projections YR 2030	37,450	17,483	19,967	38,729	18,256	20,473	45,586	23,585	22,001
<b>Peak Hour Traffic Flow</b>	<b>Total</b>	<b>EB</b>	<b>WB</b>	<b>Total</b>	<b>NB</b>	<b>SB</b>	<b>Total</b>	<b>NB</b>	<b>SB</b>
Peak hour Traffic PM 2004	3,177	1,483	1,694	2,665	1,252	1,413	3,547	1,835	1,712
Peak hour Traffic PM 2010	3,594	1,678	1,916	3,082	1,448	1,634	4,128	2,136	1,992
Peak hour Traffic PM 2020	4,287	2,001	2,286	4,116	1,934	2,182	5,095	2,636	2,459
Peak Hour Traffic PM 2030	4,981	2,325	2,656	5,151	2,420	2,731	6,063	3,137	2,926

**Table (5) Continue**

Day of the Week	Padre N. of Kingfish			Padre N. of Oleander			Padre N. of Jupiter			Padre N. of Capricorn		
	Total	NB	SB	Total	NB	SB	Total	NB	SB	Total	NB	SB
Sunday June 20, 2004	31,403	16,040	15,363	28,278	12,756	15,522	25,488	14,507	10,981	23,815	13,343	10,472
Total projections YR 2010	25,925	13,438	12,487	22,745	11,244	11,501	21,837	13,454	8,382	16,250	8,564	7,686
Total projections YR 2020	33,201	17,209	15,991	30,021	14,841	15,179	26,348	16,234	10,114	18,201	11,214	6,986
Total projections YR 2030	40,476	20,979	19,497	37,296	18,438	18,858	30,859	19,014	11,846	20,151	10,619	9,532
<b>Peak Hour Traffic Flow</b>	<b>Total</b>	<b>NB</b>	<b>SB</b>	<b>Total</b>	<b>NB</b>	<b>SB</b>	<b>Total</b>	<b>NB</b>	<b>SB</b>	<b>Total</b>	<b>NB</b>	<b>SB</b>
Peak hour Traffic PM 2004	2,867	1,486	1,381	2,445	1,208	1,236	2,544	1,568	977	2,006	1,057	949
Peak hour Traffic PM 2010	3,448	1,787	1,661	3,025	1,496	1,530	2,904	1,789	1,115	2,161	1,139	1,022
Peak hour Traffic PM 2020	4,416	2,289	2,127	3,993	1,974	2,019	3,504	2,159	1,345	2,421	1,276	1,145
Peak Hour Traffic PM 2030	5,383	2,790	2,593	4,960	2,452	2,508	4,104	2,529	1,575	2,680	1,412	1,268

**Table (6) LOS Analyses of Queen Isabella Causeway and Padre Blvd.**

Roadway Section	Year	Traffic Volume	Intersection Spacing	Street Design	Travel Speed	Roadway Class	Cycle Length	LOS
Causeway Crossing	2004	23,890	2.25 Miles	4-Lanes Divided	40 MPH	2	90 Sec. Signal Split 85/15	A
	2010	27,019						A
	2020	32,235						A
	2030	37,450						C
Padre Blvd N. of Causeway	2004	20,040	0.15 Miles	4-Lanes Divided	35 MPH	3	90 Sec. Signal Split 85/15	C
	2010	23,170						C
	2020	28,598						D
	2030	36,377						F
Padre Blvd S. of Haas St.	2004	26,670	0.10 Miles	4-Lanes W/Cont. Median	35 MPH	3	90 Sec. Signal Split 85/15	D
	2010	31,035						D
	2020	38,311						E
	2030	45,586						F
Padre Blvd. N. of Kingfish St.	2004	21,560	0.10 Miles	4-Lanes W/Cont. Median	35 MPH	3	90 Sec. Signal Split 85/15	D
	2010	24,925						D
	2020	33,201						D
	2030	40,476						F
Padre Blvd. N. of Oleander St.	2004	18,380	0.10 Miles	4-Lanes W/Cont. Median	35 MPH	3	90 Sec. Signal Split 85/15	C
	2010	22,745						D
	2020	30,021						D
	2030	37,296						E
Padre Blvd. N. of Jupiter St.	2004	19,130	0.10 Miles	4-Lanes W/Cont. Median	35 MPH	3	90 Sec. Signal Split 85/15	C
	2010	21,837						D
	2020	26,348						D
	2030	30,859						D
Padre Blvd. N. of Capricorn St.	2004	15,080	0.10 Miles	4-Lanes W/Cont. Median	35 MPH	3	90 Sec. Signal Split 85/15	C
	2010	16,250						C
	2020	18,201						C
	2030	20,151						D



**FIGURE 1:  
SOUTH PADRE ISLAND  
PLANNING DISTRICTS**

VISITORS BUREAU  
600 PADRE BLVD.  
761-6433  
1-800-SO-PADRE  
www.sopadre.com



**GULF OF MEXICO**

ISLA BLANCA PARK

BRAZOS SANTO PASO PASS  
BROWNSVILLE SHIP CHANNEL

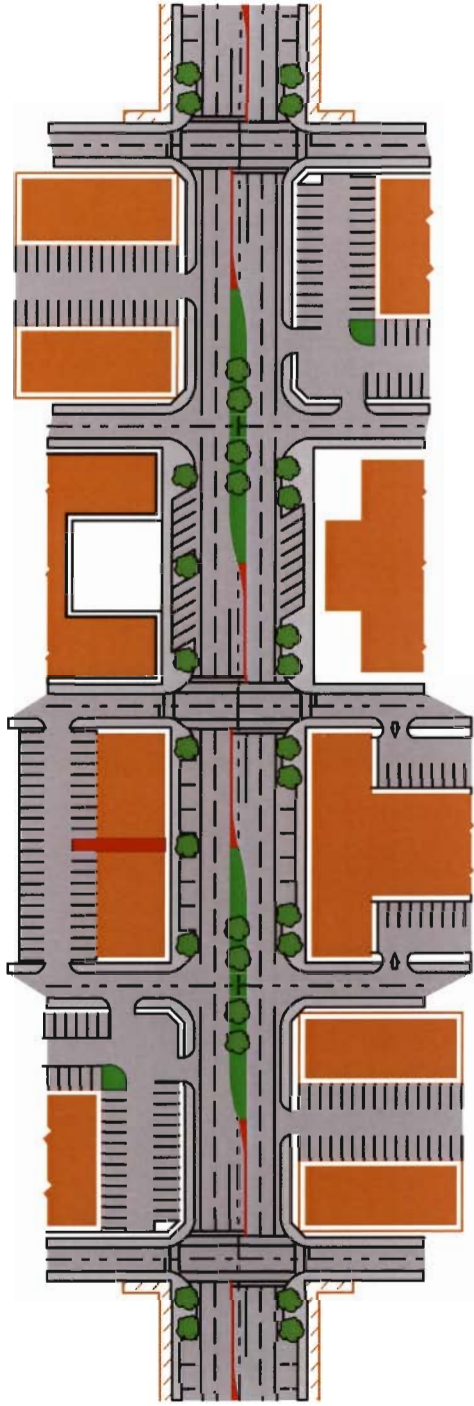


FIGURE 3: ALTERNATIVE 1 - 2 BLOCK SECTION

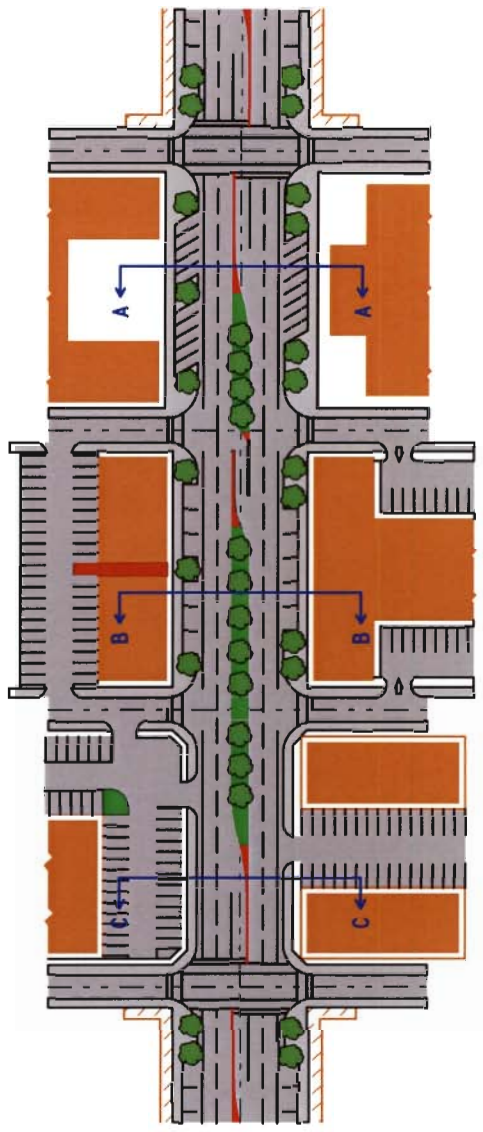


FIGURE 4: ALTERNATIVE 2 - 3 BLOCK SECTION

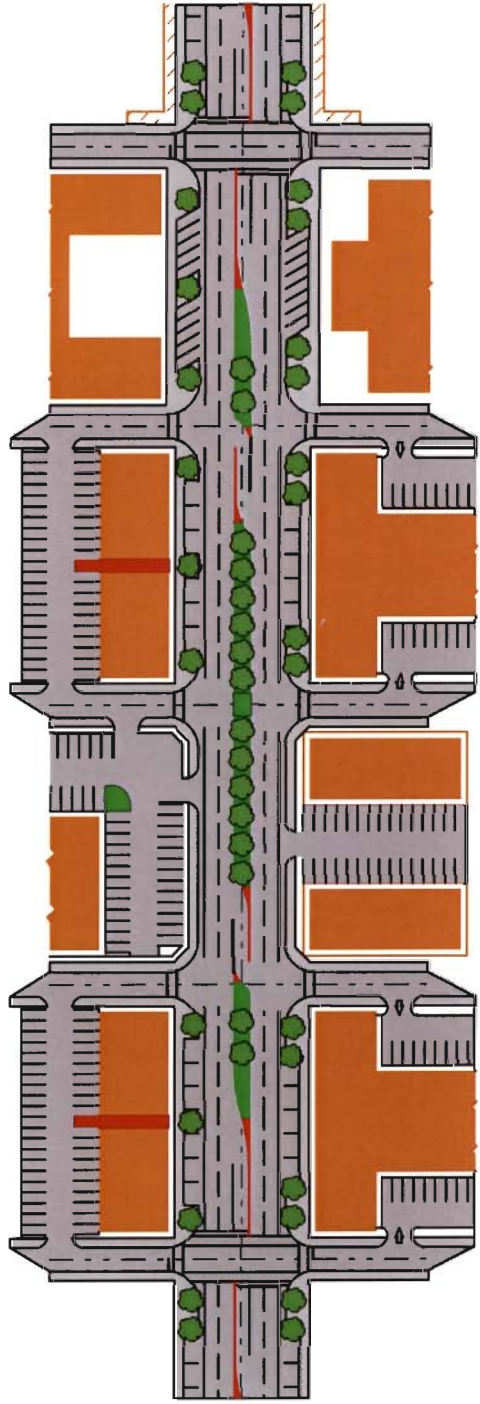


FIGURE 5: ALTERNATIVE 3 - 4 BLOCK SECTION

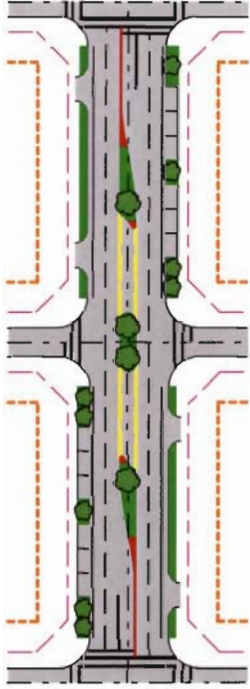


FIGURE 6: ALTERNATIVE 1A - 2 BLOCK SECTION

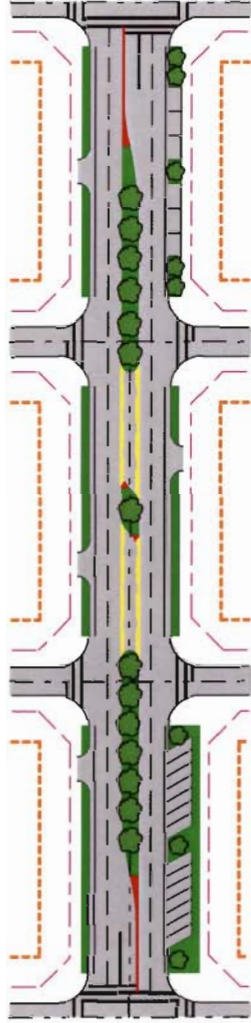


FIGURE 7: ALTERNATIVE 2A - 3 BLOCK SECTION

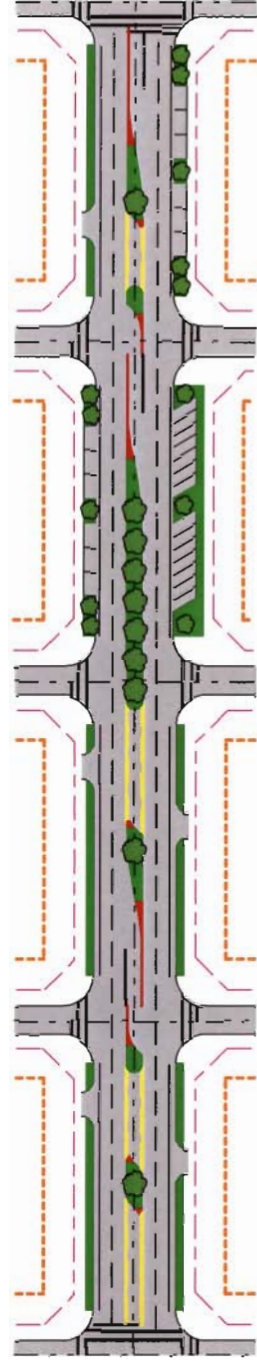


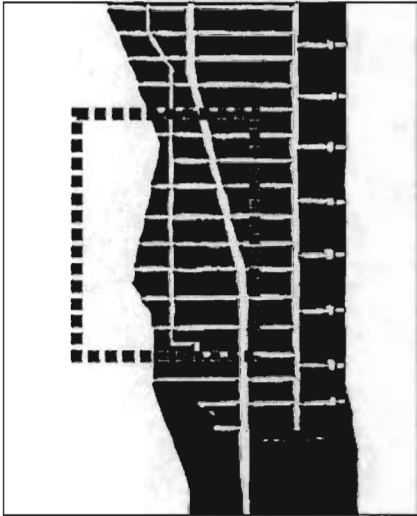
FIGURE 8: ALTERNATIVE 3A - 4 BLOCK SECTION

**APPENDIX (A)**

**Potential Long Term Development  
South Padre Island**

Source: Community Enhancement Plan  
Economic Development Corporation, South Padre Blvd  
October 2003





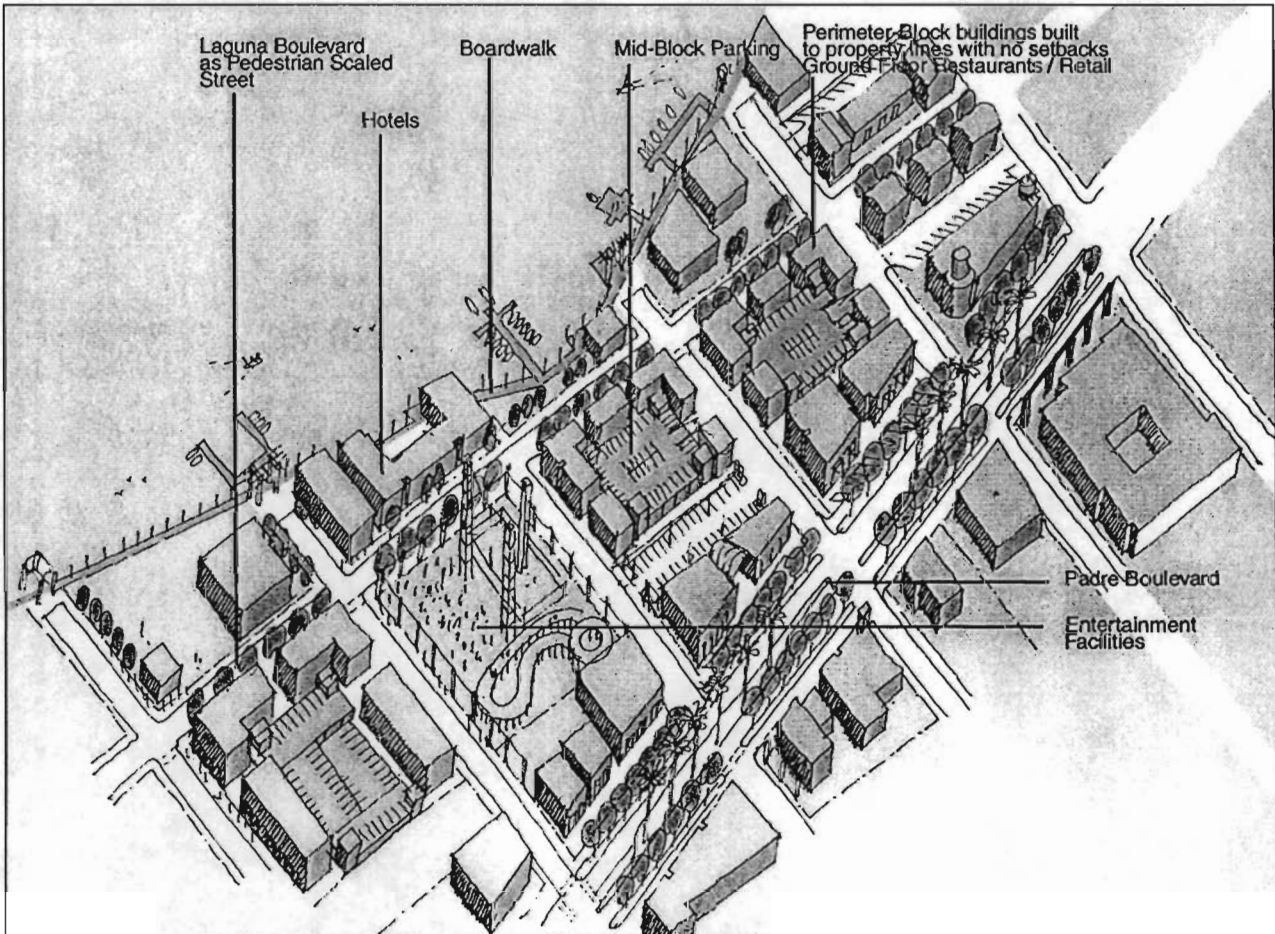
Location Map

### F. THE ENTERTAINMENT DISTRICT

The Entertainment District is located on the eastern side of the Island overlooking the lagoon at the point where both Padre Boulevard and Laguna Boulevard come closest to the water. It is zoned for entertainment uses and currently comprises several restaurants, bars and clubs overlooking the water as well as features including the bungee jumping facility popular during Spring Break weeks and mainly aimed at the younger visitor. As South Padre Island develops a broader range of entertainment facilities, appealing to families throughout the year, a number of proposals are recommended.

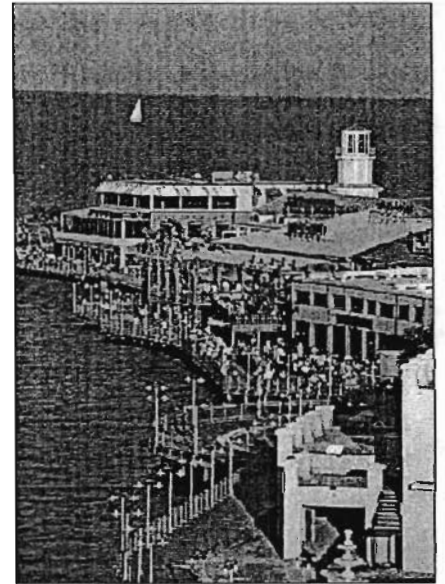
These include the creation of a Boardwalk along a stretch of the lagoon providing access to waterfront restaurants. This would be a publically accessible feature, within the city limits, providing access to the ends of the cross streets and serving existing docks and boat ramps. It would be similar to boardwalks found elsewhere on the Texas coast, such as Kemah or at Galveston dockside.

Potential Near Term Development



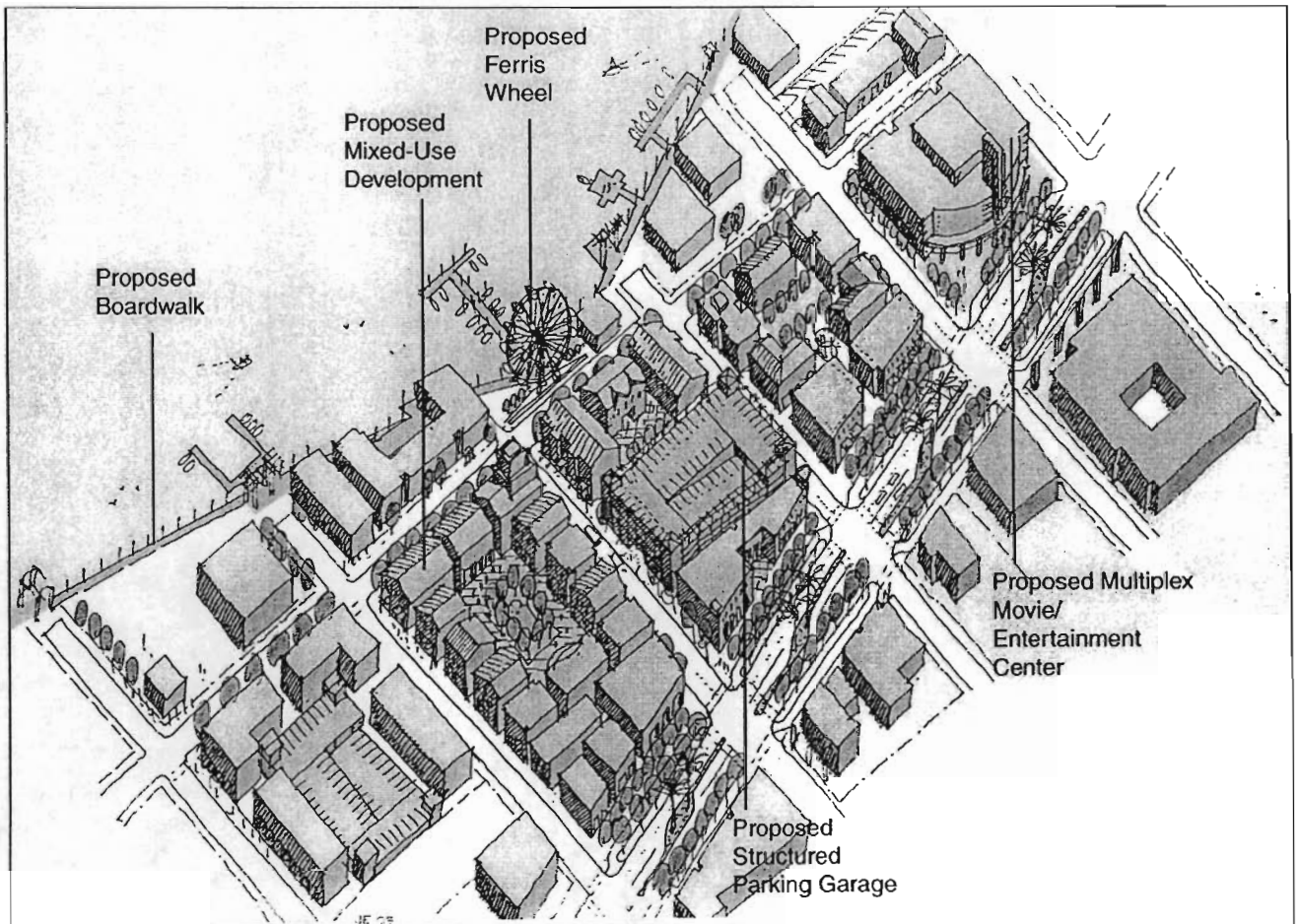
The interior blocks within the entertainment district should be designed to encourage development with buildings containing restaurants, bars and cafes immediately adjacent to the sidewalks in order to create a pedestrian friendly environment. Parking should be located on the interior of the lots, either on surface lots or, at a later stage within structured garages. It may be necessary to create a 'Parking District' to allow different land owners to pool their parking requirements as well as modify the existing parking code requirements in the current zoning code.

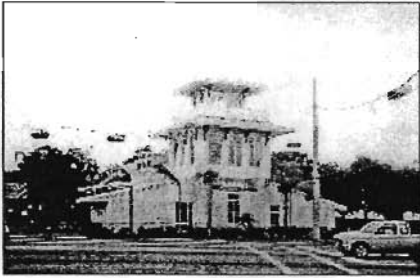
The two axonometric drawings show alternate scenarios of future development. The later phase shows the potential of future amenities such as a Ferris Wheel and a multiplex theater within the district.



View of Boardwalk in Kemah

Potential Long Term Development



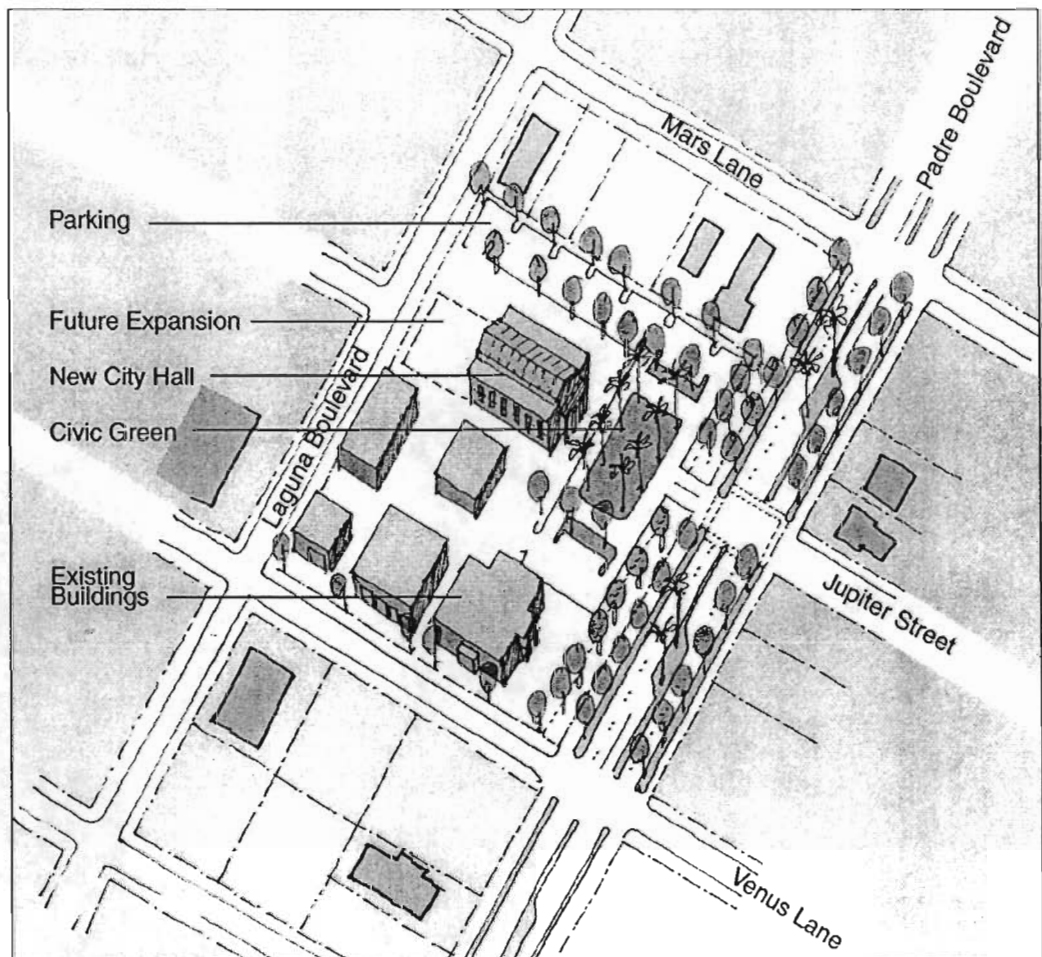


Civic Buildings in Kemah

## G. CIVIC CENTER

The proposed expansion of the existing Civic Center created by the closure of a portion of Jupiter Street between Padre and Laguna and the purchase of the adjacent half-block parcel to the north creates the opportunity for a new Civic Center to give identity and a focal point for the town. Currently the existing civic buildings are hard to find and their design, low scale and location on the site have little presence on Padre Boulevard.

It is recommended that the new two story town hall building be located on axis with the centerline of the former Jupiter Street right of way and be set back from the boulevard in order to create a new Civic Green in front. This formally landscaped park should act as a foreground to the new town hall as well as a place for civic gatherings. A continuous landscaped strip with regularly spaced street trees should unify the rest of the civic center with the streetscape improvements.



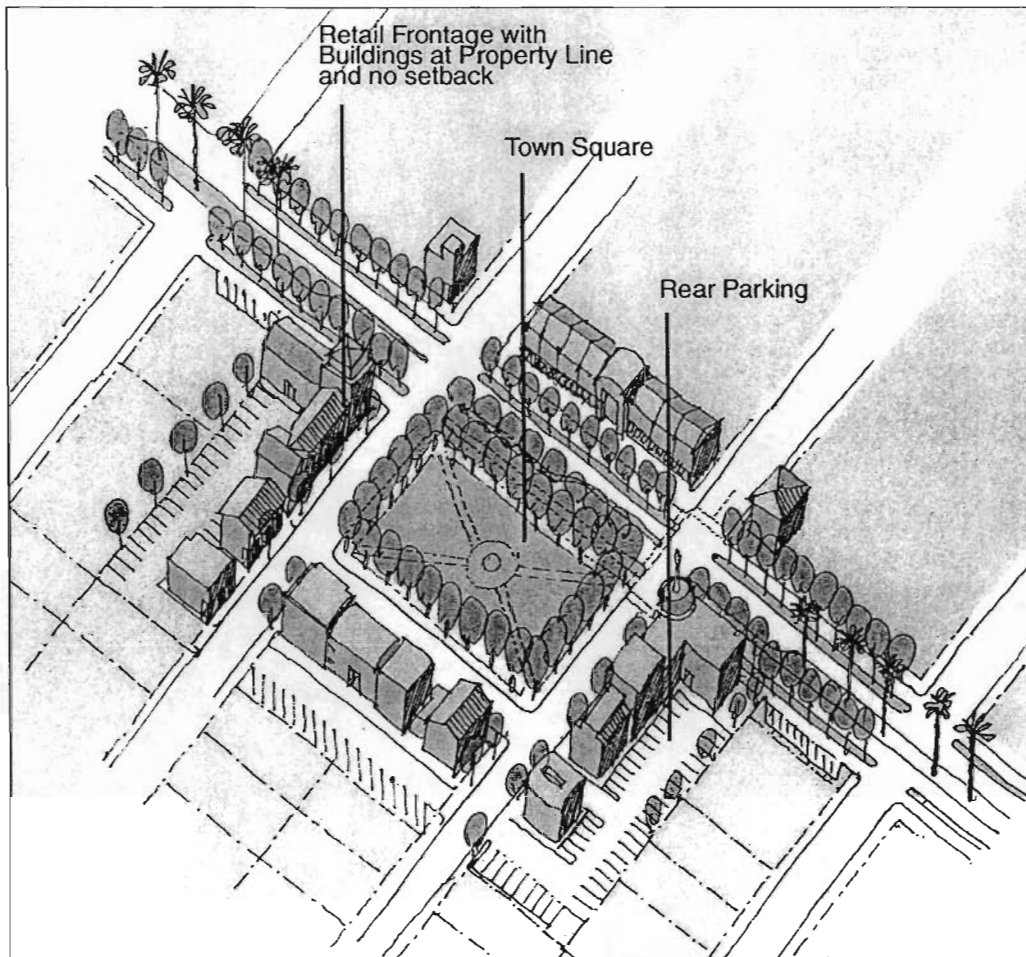
Axonometric of Proposed Civic Center

## H. A NEW TOWN SQUARE

Other than the beaches, South Padre Island has few public places to serve the local community. It is recommended that a town square be created, by dedicating a part of a block fronting onto Padre Boulevard. The new park block should be surrounded on all four sides by narrow streets and lined with closely spaced street trees. The center of the square could be marked by a fountain or pavilion and the landscaping should be simple and practical. Buildings containing locally owned businesses facing the square should be required to be built right up to the property line without any setbacks in order to create a tightly defined urban room. This is a pattern found in most successful urban squares throughout the country. Retail frontages should face the sidewalks and parking should be at the rear of the various properties with access through passages to the sidewalk. On-street parking is essential in order to support the local businesses and act as a traffic-calming element. The proposed Town Square would best be located in the southern sector of the town near the entertainment district.



Sonoma, California



Axonometric of  
Potential Town Square