

PROCESS PERMIT APPLICATION  
FOR THE CONSTRUCTION OF TWO  
ERIE STRAYER MODEL RELOCATABLE  
CONCRETE BATCH PLANTS

APAC-GEORGIA PAVING COMPANY, INC.  
FLORIDA STATE-WIDE PERMIT

AUGUST 1997

Prepared by:

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## 1. INTRODUCTION

### 1.1 Background

APAC - Georgia Paving Company, Inc. plans to situate two of its relocatable concrete batch operations (Erie Strayer Model) to various locales throughout Florida. The locations will vary throughout the state, but the counties where the unit will be operating will be contacted with the 7 day advance information form.

### 1.2 Purpose

The purpose of this document is to provide information to the Department of Environmental Protection's Division of Air Resources Management (DEP DARM) for an air quality assessment and review of the proposed APAC - Georgia operations at the various sites in Florida and the subsequent issuance of construction permits. These construction permits will allow the facilities to relocate to any location throughout Florida. One of the plants already has a draft permit from Lee county Florida. The state-wide permit will supersede this permit when issued. A copy of this permit as well as the permit application for the other plant are included in this document.

### 1.3 Scope

The scope of this document is the presentation of the proposed construction of several processes to prepare cement. Appendix A contains the appropriate process permit application forms. The supporting emission rate calculations are included in Appendix B. A copy of the draft permit for one of the plants in Lee county is supplied in Appendix C.

#### 1.4 Site Location and Contact

Figure One shows the location of the potential sites for the Florida operations. APAC - Georgia's concrete batch plants will be located mostly in commercially designated job sites.

Further information concerning this submittal may be obtained from:

Allen Prevatte  
Environmental Scientist  
RTP Environmental Associates, Inc  
1900 South Highway 14 Suite 4-B  
Greer, South Carolina 29651  
(864) 848-1303

or

Mr. Milton (Corky) Lane  
E/H/S Director  
APAC - Georgia Paving Company, Inc.  
Post Office Box 127  
Greenville, South Carolina 29602  
Office: (864) 292-9550  
Fax: (864) 244-9310



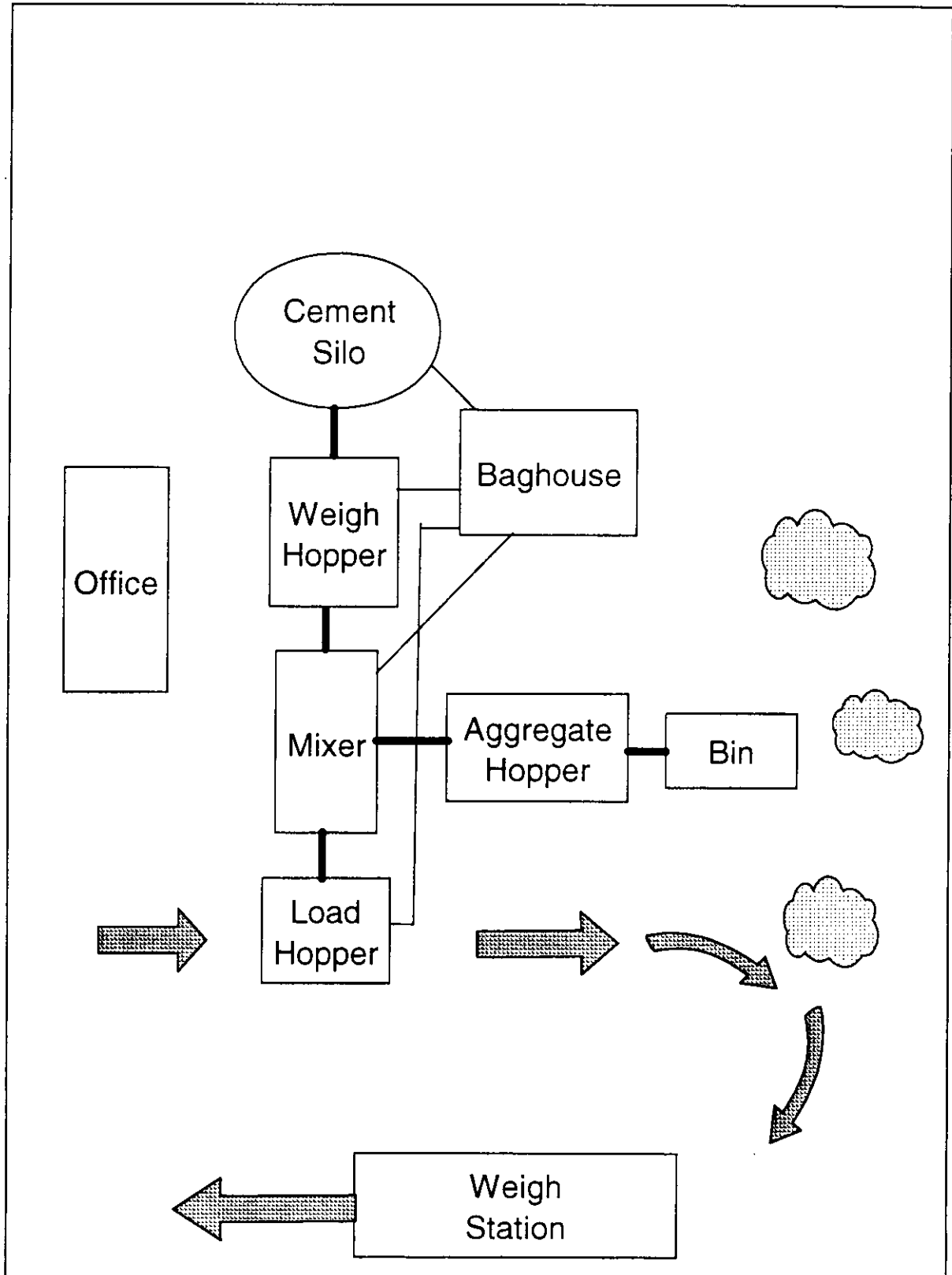
## 2. PROCESS DESCRIPTION

APAC - Georgia Paving Company, Inc. converts aggregate, sand, cement and water into a concrete for the construction of concrete components. The incoming cement is transferred to the cement silos (see Figure Two). Aggregate, sand, cement and water from the storage bin are combined in the mixer where they are mixed and sent by gravity to the concrete loading hopper. Figure Three shows a process flow diagram of the facility.

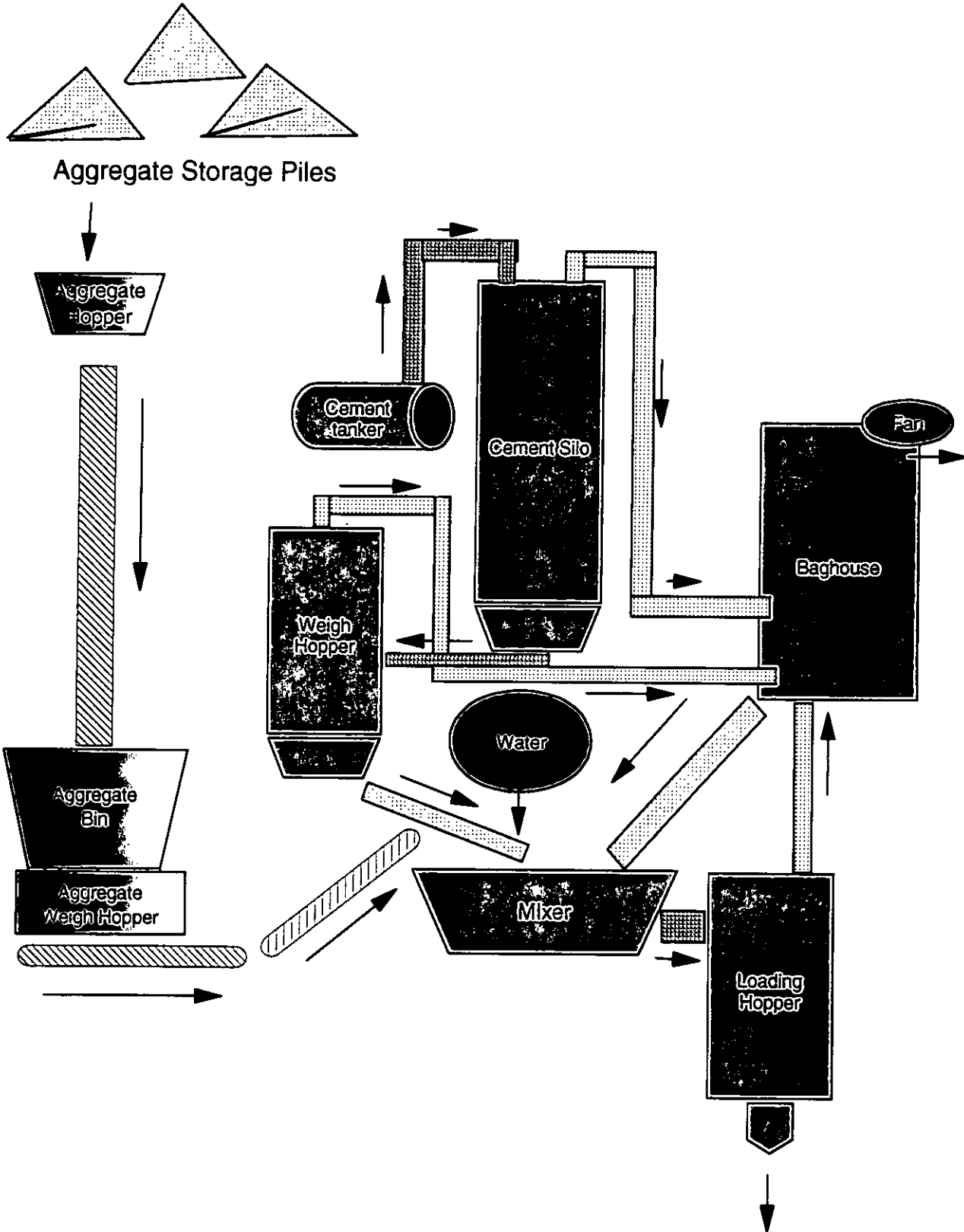
A reverse air dust collection system will be used to control particulate emissions from the processing equipment. Also, in an effort to control fugitive particulate emissions, the following practices will be implemented:

- Water spray will be used on aggregate storage piles.
- A watering truck will be used to control fugitive emissions from roadways and plant structures.
- Surface areas will be cleaned as needed.

# Figure Two Site Plan



# Figure Three Process Flow Diagram





### 3. EMISSION RATE DETERMINATION

The emissions were determined with the use of the EPA-42 Fifth Edition Compilation of Emission Factors, Table 11.12-2. Emission factors were available and used for : 1. Sand and aggregate transfer to the elevated bin; 2. Pneumatic unloading of cement to elevated silo; 3. Weigh hopper loading; and 4. Cement mixer loading.

Other emission factors are given, but not used, for other types of operations typical of these plants. They include: 1. Truck mix loading (should have no emissions at this facility because it is wet); 2. Vehicle traffic on unpaved roads (most roads will be paved and wetted to reduce dust); 3. Wind erosion from sand and aggregate storage piles (water spray will be used to minimize fugitive emissions); and 4. Total process emissions, truck mix (same comments as truck mix loading).

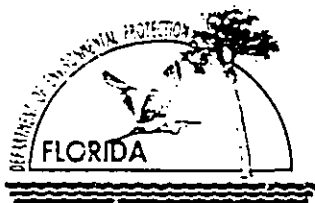
The manufacturer of the common dust control unit associated with the process emissions supplied a particulate removal efficiency of 99.8%. Emission calculations used a conservative removal efficiency of 95% and are included in Appendix B.

#### 4. REGULATORY CONSIDERATIONS

The regulations that apply to this concrete batching plant are FAC 62-296.414 and 62-296-320(4)(c). The 414 regulation requires that visible emissions be limited to five percent opacity. The 320 regulation requires reasonable precautions in controlling particulate emissions. These precautions include: (1) Aggregate storage areas - Maintain sufficient moisture content of material through use of water sprays or similar devices to minimize unconfined emissions and (2) Yard and road area - Remove particulate matter and wet these areas in such a manner as to prevent re-entrainment of particulate matter into the atmosphere. These operations should easily meet these regulations.

This unit has a draft permit to construct and operate in Florida's Lee county. The Lee County draft permit will be replaced by this permit application for state-wide operation. A copy of the Lee county draft permit is located in Appendix C.

Appendix A  
Construction Permit Application



7775045-001

# Department of Environmental Protection

## DIVISION OF AIR RESOURCES MANAGEMENT

### APPLICATION FOR AIR PERMIT - LONG FORM

See Instructions for Form No. 62-210.900(1)

#### I. APPLICATION INFORMATION

This section of the Application for Air Permit form identifies the facility and provides general information on the scope and purpose of this application. This section also includes information on the owner or authorized representative of the facility (or the responsible official in the case of a Title V source) and the necessary statements for the applicant and professional engineer, where required, to sign and date for formal submittal of the Application for Air Permit to the Department. If the application form is submitted to the Department using ELSA, this section of the Application for Air Permit must also be submitted in hard-copy.

#### Identification of Facility Addressed in This Application

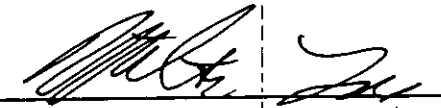
Enter the name of the corporation, business, governmental entity, or individual that has ownership or control of the facility; the facility site name, if any; and the facility's physical location. If known, also enter the facility identification number.

1. Facility Owner/Company Name: <p style="text-align: center;">APAC - GEORGIA PAVING COMPANY</p>	
2. Site Name: <p style="text-align: center;">STATE - WIDE FLORIDA</p>	
3. Facility Identification Number: <span style="float: right;">[ X ] Unknown</span>	
4. Facility Location: Street Address or Other Locator: <span style="float: right;">P.O. Box 127</span> City: GREENVILLE (TAYLORS) County: GREENVILLE Zip Code: 29602 <span style="float: right;">900 W. LEE ROAD; GREENVILLE S.C.</span>	
5. Relocatable Facility? [ X ] Yes [ ] No	6. Existing Permitted Facility? [ ] Yes [ X ] No

#### Application Processing Information (DEP Use)

1. Date of Receipt of Application:	Sept. 30, 1997
2. Permit Number:	7775033-001-AC
3. PSD Number (if applicable):	
4. Siting Number (if applicable):	

Owner/Authorized Representative or Responsible Official

1. Name and Title of Owner/Authorized Representative or Responsible Official: MR. MILTON (CORKY) LAWE
2. Owner/Authorized Representative or Responsible Official Mailing Address: Organization/Firm: APAC-GEORGIA PAVING CO, INC. Street Address: 900 W. LEE ROAD City: GREENVILLE State: S.C. Zip Code: 29602
3. Owner/Authorized Representative or Responsible Official Telephone Numbers: Telephone: (864) 292-9550 Fax: (864) 244-9310
4. Owner/Authorized Representative or Responsible Official Statement:  <i>I, the undersigned, am the owner or authorized representative* of the non-Title V source addressed in this Application for Air Permit or the responsible official, as defined in Rule 62-210.200, F.A.C., of the Title V source addressed in this application, whichever is applicable. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this application are true, accurate and complete and that, to the best of my knowledge, any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. The air pollutant emissions units and air pollution control equipment described in this application will be operated and maintained so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof. I understand that a permit, if granted by the Department, cannot be transferred without authorization from the Department, and I will promptly notify the Department upon sale or legal transfer of any permitted emissions unit.</i>   _____ Signature  9-2-97 _____ Date

\* Attach letter of authorization if not currently on file.

Scope of Application

This Application for Air Permit addresses the following emissions unit(s) at the facility. An Emissions Unit Information Section (a Section III of the form) must be included for each emissions unit listed.

Emissions Unit ID	Description of Emissions Unit	Permit Type
001	ERIE STRAYER MOBILE CENTRAL MIX CONCRETE	
	PLANT WITH RA-200 CENTRAL DUST COLLECTION	
	SYSTEM	

**Purpose of Application and Category**

Check one (except as otherwise indicated):

**Category I: All Air Operation Permit Applications Subject to Processing Under Chapter 62-213, F.A.C.**

This Application for Air Permit is submitted to obtain:

- Initial air operation permit under Chapter 62-213, F.A.C., for an existing facility which is classified as a Title V source.
- Initial air operation permit under Chapter 62-213, F.A.C., for a facility which, upon start up of one or more newly constructed or modified emissions units addressed in this application, would become classified as a Title V source.

Current construction permit number: \_\_\_\_\_

- Air operation permit renewal under Chapter 62-213, F.A.C., for a Title V source.

Operation permit to be renewed: \_\_\_\_\_

- Air operation permit revision for a Title V source to address one or more newly constructed or modified emissions units addressed in this application.

Current construction permit number: \_\_\_\_\_

Operation permit to be revised: \_\_\_\_\_

- Air operation permit revision or administrative correction for a Title V source to address one or more proposed new or modified emissions units and to be processed concurrently with the air construction permit application. Also check Category III.

Operation permit to be revised/corrected: \_\_\_\_\_

- Air operation permit revision for a Title V source for reasons other than construction or modification of an emissions unit. Give reason for the revision; e.g., to comply with a new applicable requirement or to request approval of an "Early Reductions" proposal.

Operation permit to be revised: \_\_\_\_\_

Reason for revision: \_\_\_\_\_

\_\_\_\_\_

**Category II: All Air Operation Permit Applications Subject to Processing Under Rule 62-210.300(2)(b), F.A.C.**

This Application for Air Permit is submitted to obtain:

- Initial air operation permit under Rule 62-210.300(2)(b), F.A.C., for an existing facility seeking classification as a synthetic non-Title V source.

Current operation/construction permit number(s): \_\_\_\_\_

- Renewal air operation permit under Rule 62-210.300(2)(b), F.A.C., for a synthetic non-Title V source.

Operation permit to be renewed: \_\_\_\_\_

- Air operation permit revision for a synthetic non-Title V source. Give reason for revision; e.g., to address one or more newly constructed or modified emissions units.

Operation permit to be revised: \_\_\_\_\_

Reason for revision: \_\_\_\_\_  
\_\_\_\_\_

**Category III: All Air Construction Permit Applications for All Facilities and Emissions Units**

This Application for Air Permit is submitted to obtain:

- Air construction permit to construct or modify one or more emissions units within a facility (including any facility classified as a Title V source).

Current operation permit number(s), if any: \_\_\_\_\_

- Air construction permit to make federally enforceable an assumed restriction on the potential emissions of one or more existing, permitted emissions units.

Current operation permit number(s): \_\_\_\_\_

- Air construction permit for one or more existing, but unpermitted, emissions units.



Application Processing Fee

Check one:

Attached - Amount: \$ 2,000.00       Not Applicable.

Construction/Modification Information

1. Description of Proposed Project or Alterations: THIS PROJECT CONSISTS OF THE CONSTRUCTION OF TWO RELOCATABLE ERIE STRAYER MG-11C MOBILE CONCRETE BATCH PLANTS.
2. Projected or Actual Date of Commencement of Construction:  MULTIPLE DATES
3. Projected Date of Completion of Construction:  MULTIPLE DATES

Professional Engineer Certification

1. Professional Engineer Name: PAUL NEIL Registration Number: 46918
2. Professional Engineer Mailing Address:  Organization/Firm: RTP ENVIRONMENTAL ASSOCIATES, INC. Street Address: 7514 GIRARD AVENUE, #1-432 City: SAN DIEGO      State: CALIFORNIA      Zip Code: 92037
3. Professional Engineer Telephone Numbers: Telephone: (619) 456-8020      Fax: (619) 456-0127

4. Professional Engineer Statement:

*I, the undersigned, hereby certify, except as particularly noted herein\*, that:*

*(1) To the best of my knowledge, there is reasonable assurance that the air pollutant emissions unit(s) and the air pollution control equipment described in this Application for Air Permit, when properly operated and maintained, will comply with all applicable standards for control of air pollutant emissions found in the Florida Statutes and rules of the Department of Environmental Protection; and*

*(2) To the best of my knowledge, any emission estimates reported or relied on in this application are true, accurate, and complete and are either based upon reasonable techniques available for calculating emissions or, for emission estimates of hazardous air pollutants not regulated for an emissions unit addressed in this application, based solely upon the materials, information and calculations submitted with this application.*

*If the purpose of this application is to obtain a Title V source air operation permit (check here [ ] if so), I further certify that each emissions unit described in this Application for Air Permit, when properly operated and maintained, will comply with the applicable requirements identified in this application to which the unit is subject, except those emissions units for which a compliance schedule is submitted with this application.*

*If the purpose of this application is to obtain an air construction permit for one or more proposed new or modified emissions units (check here [ x ] if so), I further certify that the engineering features of each such emissions unit described in this application have been designed or examined by me or individuals under my direct supervision and found to be in conformity with sound engineering principles applicable to the control of emissions of the air pollutants characterized in this application.*

*If the purpose of this application is to obtain an initial air operation permit or operation permit revision for one or more newly constructed or modified emissions units (check here [ ] if so), I further certify that, with the exception of any changes detailed as part of this application, each such emissions unit has been constructed or modified in substantial accordance with the information given in the corresponding application for air construction permit and with all provisions contained in such permit.*

Paul Neil      Aug 22 1997  
Signature                      Date

(seal)

\* Attach any exception to certification statement.

**Application Contact**

1. Name and Title of Application Contact: Allen Prevatte, Environmental Scientist
2. Application Contact Mailing Address: Organization/Firm: RTP Environmental Associates, Inc. Street Address: 1900 South Highway 14, Suite 4-B City: Greer State: SC Zip Code: 29651
3. Application Contact Telephone Numbers: Telephone: (864) 848 - 1303 Fax: (864) 848 - 1311

**Application Comment**

Any questions regarding this application should be directed towards RTP Environmental Associates, Inc. or APAC - Georgia Paving Co., Inc.





## B. FACILITY REGULATIONS

Rule Applicability Analysis (Required for Category II applications and Category III applications involving non Title-V sources. See Instructions.)

62-296.414 - CONCRETE BATCHING PLANTS - limits visible EMISSIONS TO 5% OPACITY AS DETERMINED by EPA TEST METHOD 9

62-296-320(4)(c) - Aggregate Storage AREA - MAINTAIN sufficient moisture content of material through use of WATER SPRAYS OR similar DEVICES TO minimize UNCONFINED emissions

- YARD & ROAD AREAS - REMOVE PARTICULATE MATTER AND WET THESE AREAS IN SUCH A MANNER AS TO PREVENT RE-ENTRAINMENT OF PARTICULATE MATTER INTO ATMOSPHERE







D. FACILITY POLLUTANT DETAIL INFORMATION

Facility Pollutant Detail Information: Pollutant 1 of 1

1. Pollutant Emitted:	PARTICULATE	
2. Requested Emissions Cap:	(lb/hour) 12.44	(tons/year) 24.9
3. Basis for Emissions Cap Code:	Rule	
4. Facility Pollutant Comment (limit to 400 characters):		

Facility Pollutant Detail Information: Pollutant \_\_\_\_\_ of \_\_\_\_\_

1. Pollutant Emitted:		
2. Requested Emissions Cap:	(lb/hour)	(tons/year)
3. Basis for Emissions Cap Code:		
4. Facility Pollutant Comment (limit to 400 characters):		

E. FACILITY SUPPLEMENTAL INFORMATION

Supplemental Requirements for All Applications

1. Area Map Showing Facility Location: <input checked="" type="checkbox"/> Attached, Document ID: <u>FIG 1</u> [ ] Not Applicable [ ] Waiver Requested
2. Facility Plot Plan: <input checked="" type="checkbox"/> Attached, Document ID: <u>FIG 2</u> [ ] Not Applicable [ ] Waiver Requested
3. Process Flow Diagram(s): <input checked="" type="checkbox"/> Attached, Document ID: <u>FIG 3</u> [ ] Not Applicable [ ] Waiver Requested
4. Precautions to Prevent Emissions of Unconfined Particulate Matter: [ ] Attached, Document ID: _____ [ ] Not Applicable [ ] Waiver Requested
5. Fugitive Emissions Identification: [ ] Attached, Document ID: _____ [ ] Not Applicable [ ] Waiver Requested
6. Supplemental Information for Construction Permit Application: [ ] Attached, Document ID: _____ [ ] Not Applicable

Additional Supplemental Requirements for Category I Applications Only

7. List of Proposed Exempt Activities: [ ] Attached, Document ID: _____ [ ] Not Applicable
8. List of Equipment/Activities Regulated under Title VI:  [ ] Attached, Document ID: _____  [ ] Equipment/Activities On site but Not Required to be Individually Listed  [ ] Not Applicable
9. Alternative Methods of Operation: [ ] Attached, Document ID: _____ [ ] Not Applicable
10. Alternative Modes of Operation (Emissions Trading): [ ] Attached, Document ID: _____ [ ] Not Applicable

<p>11. Identification of Additional Applicable Requirements:  <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable</p>
<p>12. Compliance Assurance Monitoring Plan:  <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable</p>
<p>13. Risk Management Plan Verification:</p> <p><input type="checkbox"/> Plan Submitted to Implementing Agency - Verification Attached,  Document ID: _____</p> <p><input type="checkbox"/> Plan to be Submitted to Implementing Agency by Required Date</p> <p><input type="checkbox"/> Not Applicable</p>
<p>14. Compliance Report and Plan:  <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable</p>
<p>15. Compliance Certification (Hard-copy Required):  <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable</p>

### III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through L as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application. Some of the subsections comprising the Emissions Unit Information Section of the form are intended for regulated emissions units only. Others are intended for both regulated and unregulated emissions units. Each subsection is appropriately marked.

#### A. TYPE OF EMISSIONS UNIT (Regulated and Unregulated Emissions Units)

##### Type of Emissions Unit Addressed in This Section

1. Regulated or Unregulated Emissions Unit? Check one:

The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.

The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

2. Single Process, Group of Processes, or Fugitive Only? Check one:

This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).

This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.

This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

**B. GENERAL EMISSIONS UNIT INFORMATION**  
 (Regulated and Unregulated Emissions Units)

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section (limit to 60 characters): THE ENTIRE EMISSIONS UNIT IS A RELOCATABLE PATCH UNIT. THE UNIT IS EQUIPPED WITH A BAGHOUSE FOR AN APPROXIMATE 95% CONTROL.		
2. Emissions Unit Identification Number: [ ] No Corresponding ID [X] Unknown		
3. Emissions Unit Status Code: C	4. Acid Rain Unit? [ ] Yes [X] No	5. Emissions Unit Major Group SIC Code: 16
6. Emissions Unit Comment (limit to 500 characters): THE EMISSION UNIT WILL HAVE THE BAGHOUSE AS A POINT SOURCE AND WILL HAVE THE POTENTIAL FOR FUGITIVE EMISSIONS.		

Emissions Unit Control Equipment

A.

1. Description (limit to 200 characters): C & W MANUFACTURING AND SALES COMPANY, INC. MODEL RA-200 CENTRAL DUST COLLECTION SYSTEM
2. Control Device or Method Code: FABRIC FILTER; MEDIUM EFFICIENCY 95.0%

B.

1. Description (limit to 200 characters):
2. Control Device or Method Code:

C.

1. Description (limit to 200 characters):
2. Control Device or Method Code:

**C. EMISSIONS UNIT DETAIL INFORMATION**  
 (Regulated Emissions Units Only)

**Emissions Unit Details**

1. Initial Startup Date:	
2. Long-term Reserve Shutdown Date:	
3. Package Unit: ERIE STRAYER MOBILE CENTRAL MIX CONCRETE PLANT Manufacturer: ERIE STRAYER      Model Number: MG-11C	
4. Generator Nameplate Rating:	MW
5. Incinerator Information:	
Dwell Temperature:	°F
Dwell Time:	seconds
Incinerator Afterburner Temperature:	°F

**Emissions Unit Operating Capacity**

1. Maximum Heat Input Rate:		mmBtu/hr
2. Maximum Incineration Rate:	lb/hr	tons/day
3. Maximum Process or Throughput Rate:	366 yd <sup>3</sup> /hr	
4. Maximum Production Rate:	366 yd <sup>3</sup> /hr	
5. Operating Capacity Comment (limit to 200 characters):		

**Emissions Unit Operating Schedule**

Requested Maximum Operating Schedule:		
	24 hours/day	7 days/week
	52 weeks/year	8760 hours/year

**D. EMISSIONS UNIT REGULATIONS**  
(Regulated Emissions Units Only)

**Rule Applicability Analysis** (Required for Category II applications and Category III applications involving non Title-V sources. See Instructions.)

This facility is subject to Florida Administrative Code rule 62-296.414 FOR CONCRETE BATCH PLANTS.





E. EMISSION POINT (STACK/VENT) INFORMATION  
(Regulated Emissions Units Only)

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram:	
SEE FIGURES 1, 2 AND 3	
2. Emission Point Type Code:	
<input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4	
3. Descriptions of Emissions Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point):	
<ul style="list-style-type: none"> <li>- ONE baghouse WITH STACK</li> <li>- other miscellaneous opportunities for positive emissions</li> </ul>	
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common:	
NA	
5. Discharge Type Code:	
<input type="checkbox"/> D <input checked="" type="checkbox"/> F <input type="checkbox"/> H <input type="checkbox"/> P <input type="checkbox"/> R <input checked="" type="checkbox"/> V <input type="checkbox"/> W	
6. Stack Height:	22 feet
7. Exit Diameter:	2.34ft <sup>2</sup> feet
8. Exit Temperature:	70-100 °F

Emissions Unit Information Section  1  of  1

9. Actual Volumetric Flow Rate:	8000 acfm
10. Percent Water Vapor:	2 %
11. Maximum Dry Standard Flow Rate:	6258 dscfm
12. Nonstack Emission Point Height:	feet VARIES
13. Emission Point UTM Coordinates: Zone:	East (km): North (km):
14. Emission Point Comment (limit to 200 characters):	







**H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION**  
 (Regulated Emissions Units Only - Emissions Limited Pollutants Only)

**Pollutant Detail Information:**

1. Pollutant Emitted:	PARTICULATE		
2. Total Percent Efficiency of Control:		%	95
3. Potential Emissions:	lb/hour	tons/year	
	12.44	24.9	
4. Synthetically Limited?	[ ] Yes [X] No		
5. Range of Estimated Fugitive/Other Emissions:	[ ] 1 [ ] 2 [ ] 3 _____ to _____ tons/year		
6. Emission Factor:	EPA's AP-42 Reference: TABLE 11.12-2		
7. Emissions Method Code:	[ ] 0 [ ] 1 [ ] 2 [ ] 3 [ ] 4 [ ] 5		
8. Calculation of Emissions (limit to 600 characters):			
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters):			

Allowable Emissions (Pollutant identified on front of page)

A.

1. Basis for Allowable Emissions Code:		
RULE		
2. Future Effective Date of Allowable Emissions:		
NA		
3. Requested Allowable Emissions and Units:		
LESS THAN 5% OPACITY		
4. Equivalent Allowable Emissions:	lb/hour	tons/year
	12.46	24.9
5. Method of Compliance (limit to 60 characters):		
ANNUAL EPA METHOD 9 TESTING		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters):		

B.

1. Basis for Allowable Emissions Code:		
2. Future Effective Date of Allowable Emissions:		
3. Requested Allowable Emissions and Units:		
4. Equivalent Allowable Emissions:	lb/hr	tons/year
5. Method of Compliance (limit to 60 characters):		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters):		



I. VISIBLE EMISSIONS INFORMATION  
(Regulated Emissions Units Only)

Visible Emissions Limitation: Visible Emissions Limitation \_\_\_\_\_ of \_\_\_\_\_

1. Visible Emissions Subtype:	VE
2. Basis for Allowable Opacity:	<input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
3. Requested Allowable Opacity:	Normal Conditions: 5 % Exceptional Conditions: 5 % Maximum Period of Excess Opacity Allowed: min/hour
4. Method of Compliance:	EPA METHOD 9 COMPLIANCE TEST
5. Visible Emissions Comment (limit to 200 characters):	

Visible Emissions Limitation: Visible Emissions Limitation \_\_\_\_\_ of \_\_\_\_\_

1. Visible Emissions Subtype:	
2. Basis for Allowable Opacity:	<input type="checkbox"/> Rule <input type="checkbox"/> Other
3. Requested Allowable Opacity:	Normal Conditions: % Exceptional Conditions: % Maximum Period of Excess Opacity Allowed: min/hour
4. Method of Compliance:	
5. Visible Emissions Comment (limit to 200 characters):	

**J. CONTINUOUS MONITOR INFORMATION**  
**(Regulated Emissions Units Only)**

**Continuous Monitoring System:** Continuous Monitor \_\_\_\_\_ of \_\_\_\_\_

1. Parameter Code: NOT APPLICABLE	2. Pollutant(s):
3. CMS Requirement:	<input type="checkbox"/> Rule <input type="checkbox"/> Other
4. Monitor Information: Manufacturer: Model Number: Serial Number:	
5. Installation Date:	
6. Performance Specification Test Date:	
7. Continuous Monitor Comment (limit to 200 characters):	

**Continuous Monitoring System:** Continuous Monitor \_\_\_\_\_ of \_\_\_\_\_

1. Parameter Code:	2. Pollutant(s):
3. CMS Requirement:	<input type="checkbox"/> Rule <input type="checkbox"/> Other
4. Monitor Information: Manufacturer: Model Number: Serial Number:	
5. Installation Date:	
6. Performance Specification Test Date:	
7. Continuous Monitor Comment (limit to 200 characters):	

**K. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT  
TRACKING INFORMATION  
(Regulated and Unregulated Emissions Units)**

**PSD Increment Consumption Determination**

**1. Increment Consuming for Particulate Matter or Sulfur Dioxide?**

If the emissions unit addressed in this section emits particulate matter or sulfur dioxide, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for particulate matter or sulfur dioxide. Check the first statement, if any, that applies and skip remaining statements.

- The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.
- The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and emissions unit consumes increment.
- The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.
- For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.
- None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

Emissions Unit Information Section \_\_\_\_\_ of \_\_\_\_\_

2. Increment Consuming for Nitrogen Dioxide?

If the emissions unit addressed in this section emits nitrogen oxides, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for nitrogen dioxide. Check first statement, if any, that applies and skip remaining statements.

- ] The emissions unit addressed in this section is undergoing PSD review as part of this application, or has undergone PSD review previously, for nitrogen dioxide. If so, emissions unit consumes increment.
- ] The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after February 8, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
- ] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after February 8, 1988, but before March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
- ] For any facility, the emissions unit began (or will begin) initial operation after March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
- ] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

3. Increment Consuming/Expanding Code:			
PM	<input type="checkbox"/> ] C	<input type="checkbox"/> ] E	<input type="checkbox"/> [ x ] Unknown
SO2	<input type="checkbox"/> ] C	<input type="checkbox"/> ] E	<input type="checkbox"/> [ x ] Unknown
NO2	<input type="checkbox"/> ] C	<input type="checkbox"/> ] E	<input type="checkbox"/> [ x ] Unknown
4. Baseline Emissions:			
PM	lb/hour	tons/year	
SO2	lb/hour	tons/year	
NO2		tons/year	
5. PSD Comment (limit to 200 characters):			

L. EMISSIONS UNIT SUPPLEMENTAL INFORMATION  
(Regulated Emissions Units Only)

Supplemental Requirements for All Applications

1. Process Flow Diagram <input checked="" type="checkbox"/> Attached, Document ID: <u>Fig 3</u> [ ] Not Applicable [ ] Waiver Requested
2. Fuel Analysis or Specification <input type="checkbox"/> Attached, Document ID: _____ [ <input checked="" type="checkbox"/> ] Not Applicable [ ] Waiver Requested
3. Detailed Description of Control Equipment <input type="checkbox"/> Attached, Document ID: _____ [ <input checked="" type="checkbox"/> ] Not Applicable [ ] Waiver Requested
4. Description of Stack Sampling Facilities <input type="checkbox"/> Attached, Document ID: _____ [ <input checked="" type="checkbox"/> ] Not Applicable [ ] Waiver Requested
5. Compliance Test Report <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Previously submitted, Date: _____ <input type="checkbox"/> Not Applicable
6. Procedures for Startup and Shutdown <input type="checkbox"/> Attached, Document ID: _____ [ <input checked="" type="checkbox"/> ] Not Applicable
7. Operation and Maintenance Plan <input type="checkbox"/> Attached, Document ID: _____ [ <input checked="" type="checkbox"/> ] Not Applicable
8. Supplemental Information for Construction Permit Application <input type="checkbox"/> Attached, Document ID: _____ [ <input checked="" type="checkbox"/> ] Not Applicable
9. Other Information Required by Rule or Statute <input type="checkbox"/> Attached, Document ID: _____ [ <input checked="" type="checkbox"/> ] Not Applicable

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operation <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
11. Alternative Modes of Operation (Emissions Trading) <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
12. Identification of Additional Applicable Requirements <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
13. Compliance Assurance Monitoring Plan <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
14. Acid Rain Application (Hard-copy Required)  <input type="checkbox"/> Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Attached, Document ID: _____  <input type="checkbox"/> Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) Attached, Document ID: _____  <input type="checkbox"/> New Unit Exemption (Form No. 62-210.900(1)(a)2.) Attached, Document ID: _____  <input type="checkbox"/> Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) Attached, Document ID: _____  <input type="checkbox"/> Not Applicable

Appendix B  
Emission Rate Calculations

APAC/Georgia Paving Company, Inc.

Potential Particulate Emission Rate at 366 yd<sup>3</sup>/hr

AT A BAGHOUSE EFFICIENCY OF 95.0%  
CALCULATIONS ARE FOR ONE PLANT, THE OTHER IS IDENTICAL

<u>Source</u>	<u>Mass Throughout yd<sup>3</sup>/hr</u>	<u>Uncontrolled Emission Factor lbs/yd<sup>3</sup></u>	<u>Uncontrolled Emission lbs/hr</u>
1. Sand and Aggregate Transfer to Elevated Bin	366 X	.05	18.3
2. Pneumatic Unloading of Cement to Elevated Silo	366 X	.07	25.62
3. Weigh Hopper Loading	366 X	.04	14.64
4. Cement Mixer Loading	366 X	.07	25.62
		Total Uncontrolled Particulate =	84.18

Source #1 is controlled by water spray, with approximately a 50% fugitive reduction.  
Source #2, 3, and 4 are controlled with a baghouse that has a 95.0% removal efficiency.

Actual Emission (Controlled)

Source #1	=	18.3 lbs/hr x (1-.50)	=	9.15 lbs/hr
Source #2	=	25.62 lbs/hr x (1-.95)	=	1.28 lbs/hr
Source #3	=	14.64 lbs/hr x (1-.95)	=	0.73 lbs/hr
Source #4	=	25.62 lbs/hr x (1-.95)	=	<u>1.28 lbs/hr</u>

TOTAL = 12.44 lbs/hr

4000 hrs/yr  
12.44 lbs/hr x 2000 lbs/ton = 24.9 tons/yr

Precautions to Prevent Emissions of Unconfined Particulate Matter

1. Baghouse controls unconfined emissions from the weigh hopper and the on-site rotary mixer.
2. Aggregate Piles will be wetted as needed for minimizing wind erosion.
3. Driveway areas are wetted if needed to minimize unconfined particulate from vehicular traffic and wind.



Appendix C

Lee County Draft Construction Permit



7775033-002

# Department of Environmental Protection

Lawton Chiles  
Governor

South District  
2295 Victoria Avenue, Suite 364  
Fort Myers, Florida 33901-3881

Virginia B. Wetherell  
Secretary

## INTENT TO ISSUE

June 10, 1997

**CERTIFIED MAIL #P 482 205 318**  
**RETURN RECEIPT REQUESTED**

In the Matter of an  
Application for Permit by:

Roy Brown  
Environmental Health & Safety Manager  
Southern Roadbuilders Concrete Paving  
Division of APAC-Georgia, Inc.  
Post Office Box 1129  
Agusta, Georgia 30913

DEP File No. 7775033-001-AC  
Lee County

## INTENT TO ISSUE

The Department of Environmental Protection gives notice of its intent to issue a permit (copy of conditions attached) for the proposed project as detailed in the application specified above, for the reasons stated below.

The applicant, Southern Roadbuilders Concrete Paving Division of APAC-Georgia, Inc., applied on May 28, 1997 to the Department of Environmental Protection for a permit to construct a concrete batch plant located at 1600 Chamberland Road, Fort Myers, Florida.

The Department has permitting jurisdiction under 403.087 F.S.. The project is not exempt from permitting procedures. The Department has determined that a construction permit is required for the proposed work.

Under section 403.815 of the Florida Statutes and rule 62-103.150 of the Florida Administrative Code, you (the applicant) are required to publish at your own expense the enclosed Notice of Intent to Issue Permit. The notice must be published one time only within 30 days in the legal ad section of a newspaper of general circulation in the area affected. For the purpose of this rule, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of sections 50.011 and 50.031 of the Florida

Statutes, in the county where the activity is to take place. Where there is more than one newspaper of general circulation in the county, the newspaper used should be one with significant circulation in the area that may be affected by the permit. If you are uncertain that a newspaper meets these requirements, please contact the Department at the address or telephone number listed below. The applicant must provide proof of publication to the Department, at 2295 Victoria Avenue, Suite 364, Fort Myers, Florida 33901 within seven days of publication. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit.

The Department will issue the permit with the attached conditions unless a timely petition for an administrative hearing is filed under sections 120.569 and 120.57 of the Florida Statutes, or all parties reach a written agreement on mediation as an alternative remedy under section 120.573 before the deadline for filing a petition. Choosing mediation will not adversely affect the right to a hearing if mediation does not result in a settlement. The procedures for petitioning for a hearing are set forth below, followed by the procedures for pursuing mediation.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Department's Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000. Petitions filed by the permit applicant or any of the parties listed below must be filed within fourteen days of receipt of this notice of intent. Petitions filed by any other person must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under sections 120.569 and 120.57 of the Florida Statutes, or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the discretion of the presiding officer upon the filing of a motion in compliance with rule 28-5.207 of the Florida Administrative Code.

A petition must contain the following information:

- (a) The name, address, and telephone number of each petitioner; the Department's permit identification number and the county in which the subject matter or activity is located;
- (b) a statement of how and when each petitioner received notice of the Department's action;
- (c) a statement of how each petitioner's substantial interests are affected by the department's action;
- (d) a statement of the material facts disputed by the petitioner, if any;
- (e) a statement of facts that the petitioner contends warrant reversal or modification of the Department's action;

- (f) a statement of which rules or statutes the petitioner contends require reversal or modification of the Department's action; and
- (g) and a statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Any person may elect to pursue mediation by reaching a mediation agreement with all parties to the proceeding (which includes the Department and any person who has filed a timely and sufficient petition for a hearing) and by showing how the substantial interests of each mediating party are affected by the Department's action or proposed action. The agreement must be filed in (received by) the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, by the same deadline as set forth above for the filing of a petition.

The agreement to mediate must include the following:

- (a) the names, addresses, and telephone numbers of any persons who may attend the mediation;
- (b) the name, address, and telephone number of the mediator selected by the parties, or a provision for selecting a mediator within a specified time;
- (c) the agreed allocation of the costs and fees associated with the mediation;
- (d) the agreement of the parties on the confidentiality of discussions and documents introduced during mediation;
- (e) the date, time, and place of the first mediation session, or a deadline for holding the first session, if no mediator has yet been chosen;
- (f) the name of each party's representative who shall have authority to settle or recommend settlement;
- (g) either an explanation of how the substantial interests of each mediating party will be affected by the action or proposed action addressed in this action or a statement clearly identifying the petition for hearing that each party has already filed, and incorporating it by reference; and
- (h) the signatures of all parties or their authorized representatives.

As provided in section 120.573 of the Florida Statutes, the timely agreement of all parties to mediate will toll the time limitations imposed by section 120.569 and 120.57 for requesting and holding an administrative hearing. Unless otherwise agreed by the parties, the mediation must be concluded within sixty days of the execution of the agreement. If mediation results in settlement of the administrative dispute, the Department must enter a final order incorporating the agreement

of the parties. Persons whose substantial interests will be affected by such a modified final decision of the Department have a right to petition for a hearing only in accordance with the requirements for such petitions set forth above, and must therefore file their petitions within fourteen days of receipt of this notice. If mediation terminates without settlement of the dispute, the Department shall notify all parties in writing that the administrative hearing processes under section 120.569 and 120.57 remain available for disposition of the dispute, and the notice will specify the deadlines that then will apply for challenging the agency action and electing remedies under those two statutes.

Executed in Fort Myers, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

*David M. Knowles*

David M. Knowles, P.E.  
District Air Program Administrator  
2295 Victoria Avenue, Suite 364  
Fort Myers, Florida 33901-3881  
(941) 332-6975

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this INTENT TO ISSUE and all copies were mailed before the close of business on June 10, 1997 to the listed persons.

Clerk Stamp

FILING AND ACKNOWLEDGMENT

FILED, on this date, under section 120.52(7), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

*George C. Sinn, Jr.* 6-10-97  
(Clerk) (Date)

DMK/JRS/jw

Copies furnished to:

George C. Sinn, Jr., P.E.



# Department of Environmental Protection

Lawton Chiles  
Governor

South District  
2295 Victoria Avenue, Suite 364  
Fort Myers, Florida 33901-3881

Virginia B. Wetherell  
Secretary

## PUBLIC NOTICE OF INTENT TO ISSUE PERMIT

The Department of Environmental Protection gives notice of its intent to issue a permit to Southern Roadbuilders Concrete Paving, Division of APAC-Georgia, Inc., 1600 Chamberland Road, Fort Myers, Florida, 33917 to construct a concrete batch plant. The Department's permit identification number is 7775033-001-AC.

The Department will issue the permit unless a timely petition for an administrative hearing is filed under sections 120.569 and 120.57 of the Florida Statutes, or all parties reach a written agreement on mediation as an alternative remedy under section 120.573 before the deadline for filing a petition. Choosing mediation will not adversely affect the right to a hearing if mediation does not result in a settlement. The procedures for petitioning for a hearing are set forth below, followed by the procedures for pursuing mediation.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Department's Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000. Petitions must be filed within fourteen days of publication of this public notice or within fourteen days of receipt of the notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under sections 120.569 and 120.57 of the Florida Statutes, or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the discretion of the presiding officer upon the filing of a motion in compliance with rule 28-5.207 of the Florida Administrative Code.

A petition must contain the following information:

- (a) The name, address, and telephone number of each petitioner; the Department's permit identification number and the county in which the subject matter or activity is located;
- (b) a statement of how and when each petitioner received notice of the Department's action;
- (c) a statement of how each petitioner's substantial interests are affected by the department's action;
- (d) a statement of the material facts disputed by the petitioner, if any;
- (e) a statement of facts that the petitioner contends warrant reversal or modification of the Department's action;
- (f) a statement of which rules or statutes the petitioner contends require reversal or modification of the Department's action; and
- (g) and a statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Any person may elect to pursue mediation by reaching a mediation agreement with all parties to the proceeding (which includes the Department and any person who has filed a timely and sufficient petition for a hearing) and by showing how the substantial interests of each mediating party are affected by the Department's action or proposed action. The agreement must be filed in (received by) the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, by the same deadline as set forth above for the filing of a petition.

The agreement to mediate must include the following:

- (a) the names, addresses, and telephone numbers of any persons who may attend the mediation;
- (b) the name, address, and telephone number of the mediator selected by the parties, or a provision for selecting a mediator within a specified time;
- (c) the agreed allocation of the costs and fees associated with the mediation;
- (d) the agreement of the parties on the confidentiality of discussions and documents introduced during mediation;
- (e) the date, time, and place of the first mediation session, or a deadline for holding the first session, if no mediator has yet been chosen;
- (f) the name of each party's representative who shall have authority to settle or recommend settlement;
- (g) either an explanation of how the substantial interests of each mediating party will be affected by the action or proposed action addressed in this action or a statement clearly identifying the petition for hearing that each party has already filed, and incorporating it by reference; and
- (h) the signatures of all parties or their authorized representatives.

As provided in section 120.573 of the Florida Statutes, the timely agreement of all parties to mediate will toll the time limitations imposed by section 120.569 and 120.57 for requesting and holding an administrative hearing. Unless otherwise agreed by the parties, the mediation must be concluded within sixty days of the execution of the agreement. If mediation results in settlement of the administrative dispute, the Department must enter a final order incorporating the agreement of the parties. Persons whose substantial interests will be affected by such a modified final decision of the Department have a right to petition for a hearing only in accordance with the requirements for such petitions set forth above, and must therefore file their petitions within fourteen days of receipt of this notice. If mediation terminates without settlement of the dispute, the Department shall notify all parties in writing that the administrative hearing processes under section 120.569 and 120.57 remain available for disposition of the dispute, and the notice will specify the deadlines that then will apply for challenging the agency action and electing remedies under those two statutes.

The application is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at Florida Department of Environmental Protection, South District, 2295 Victoria Avenue, Suite 364, Fort Myers, Florida 33901.



# Department of Environmental Protection

new #  
7775033-002  
-AC

Lawton Chiles  
Governor

South District  
2295 Victoria Avenue, Suite 364  
Fort Myers, Florida 33901-3881

Virginia B. Wetherell  
Secretary

**PERMITTEE:**

Southern Roadbuilders Concrete Paving  
Division of APAC-Georgia, Inc.  
1600 Chamberland Road  
Fort Myers, Florida 33917

I.D. No.: 7775033  
Permit/Certification  
Number: 7775033-001-AC  
Date of Issue: **DRAFT**  
Expiration Date: **DRAFT**  
County: Lee  
Latitude : 26 ° 32 ' 17.94 " N  
Longitude: 81° 46 ' 24.49 " W  
Section/Town/Range: 25/45S/25E  
Project: Concrete Batch Plant

This permit is issued under the provisions of Chapter 403.087, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Rules 62-296, 62-297 and 62-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the Department and made a part hereof and specifically described as follows:

To construct one Erie Strayer MG-11C mobile concrete batch plant. Particulate emissions will be controlled by a C&W Manufacturing and Sales Company Model RA-200 Central Dust Collection System.

The facility will be located at 1600 Chamberland Road, Fort Myers, Florida.



PERMITTEE:  
Southern Roadbuilders Concrete Paving  
Division of APAC-Georgia, Inc.

I.D. No.: 7775033  
Permit/Cert. No.: 7775033-001-AC  
Date of Issue: DRAFT  
Expiration Date: DRAFT

**SPECIFIC CONDITIONS:**

**Specific Emission Limiting and Performance Standards:**

1. Hours of operation are not limited. [Rule 62-4.070(3), F.A.C.]
2. The silo(s), hopper and other storage or conveying equipment shall be controlled to the extent necessary to limit visible emissions to 5 percent opacity. [Rule 62-296.414(1), F.A.C.]
3. Reasonable precautions shall be taken to prevent emissions of unconfined particulate matter. Reasonable precautions include the following:
  - A. Paving and maintenance of roads, parking areas, and yards.
  - B. Application of water when necessary to control emissions.
  - C. Removal of particulate matter from roads and other paved areas under control of the owner or operator to prevent reentrainment, and from buildings or work area to prevent particulate.
  - D. Enclosure or covering of conveyor systems.
  - E. Curtailing of operation if winds are entraining unconfined particulate matter.
  - F. Posting of vehicle (or truck) speed limits.

[Rule 62-296.320(4), F.A.C.]

4. Neither the owner nor operator shall allow any person to circumvent any pollution control device nor allow the emissions of air pollutants without the applicable air pollution control device operating properly. [Rule 62-210.650, F.A.C.]

**Emissions Monitoring and Applicable Test Procedures:**

5. At least 15 days prior to the date on which each formal compliance test is due to begin, the owner or operator shall provide written notification of the test to the Air Compliance Section of this Office. The notification must include the following information: the date, time, and location of each test; the name and telephone number of the facility's contact person who will be responsible for coordinating the test; and the name, company and telephone number of the person conducting the test. [Rule 62-297.310(7)(a)9., F.A.C.]

PERMITTEE:  
Southern Roadbuilders Concrete Paving  
Division of APAC-Georgia, Inc.

I.D. No.: 7775033  
Permit/Cert. No.: 7775033-001-AC  
Date of Issue: **DRAFT**  
Expiration Date: **DRAFT**

**SPECIFIC CONDITIONS:**

6. Each dust collector exhaust point shall be tested for visible emissions within 60 days after completion of construction. [Rule 62-297, F.A.C.]

7. Each dust collector exhaust point shall be tested in accordance with DEP Method 9 for a minimum of 30 minutes or, if the operation is normally completed within less than 30 minutes and does not recur within that time, the test shall last for the length of the silo loading operation. [Table 297.330-1, Rule 62-297.310(4)(a)2., F.A.C.]

8. The permittee shall conduct emissions testing while loading the silo at a rate that is representative of the normal silo loading rate. If the silo dust collector also collects dust from the batching operation, the batching rate during emissions testing shall be representative of the normal batching rate. Each test report shall state the actual silo loading rate during emissions testing and, if the dust collector controls the batching operation, state whether or not batching occurred during emissions testing. [Rule 62-4.070(3), F.A.C.]

**Reports:**

9. Reports of the required compliance tests shall be filed with the Air Compliance Section of this Office as soon as practical but no later than 45 days after the last test is completed. [Rule 62-297.310(8), F.A.C.]

**Conditions of Compliance**

10. The applicant shall retain a registered professional engineer for the inspection of the construction of this project. Upon completion the engineer shall inspect for conformity to construction permit applications and associated documents. [Reference Rule 62-4.050(3), F.A.C.] An APPLICATION FOR AIR PERMIT - SHORT FORM (DEP Form 62-210.900(2) attached) shall be submitted as an application for an operation permit, with the compliance tests results and a fee of \$1,000.00. These are to be submitted within 60 days after completion of construction. [Reference Rule 62-4.220, F.A.C.]

11. The Department shall be notified when construction of this project commences.

PERMITTEE:  
Southern Roadbuilders Concrete Paving  
Division of APAC-Georgia, Inc.

I.D. No.: 7775033  
Permit/Cert. No.: 7775033-001-AC  
Date of Issue: **DRAFT**  
Expiration Date: **DRAFT**

**SPECIFIC CONDITIONS:**

12. There shall be no discharges of liquid effluents or contaminated runoff from the plant site.

General Conditions:

13. A part of this permit is the attached 15 General Conditions. [Rule 62-4.160, F.A.C.]

**NOTE:** In the event of an emergency the permittee shall contact the Department by calling (904)413-9911. During normal business hours, the permittee shall call (941)332-6975.

Issued this      day of      , 1997.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

**DRAFT**

---

David M. Knowles, P.E.  
District Air Program Administrator

DMK/JRS/jw

  13   Pages Attached

PERMITTEE:  
Southern Roadbuilders Concrete Paving  
Division of APAC-Georgia, Inc.

I.D. No.: 7775033  
Permit/Cert.No.: 7775033-001-AC  
Date of Issue: DRAFT  
Expiration Date: DRAFT

**GENERAL CONDITIONS:**

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in Subsections 403.087(6) and 403.722(5) Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by any order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

**GENERAL CONDITIONS:**

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law, and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:

- a. Have access to and copy any records that must be kept under the conditions of the permit;
- b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of non-compliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the Department, may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Section 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

## GENERAL CONDITIONS:

11. This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 62-4.120 and 62-30.300, F.A.C. as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. This permit also constitutes:

- ( ) Determination of Best Available Control Technology (BACT)
- ( ) Determination of Prevention of Significant Deterioration (PSD)
- ( ) Compliance with New Source Performance Standards (NSPS)

14. The permittee shall comply with the following:

(a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically, unless otherwise stipulated by the Department.

(b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report or application unless otherwise specified by Department rule.

(c) Records of monitoring information shall include:

- the date, exact place, and time of sampling or measurements;
- the person responsible for performing the sampling or measurements;
- the dates analyses were performed;
- the person responsible for performing the analyses;
- the analytical techniques or methods used;
- the results of such analyses.

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

Original application

Submitted under

name

Ballenger Paving Co.