

DST 94-1 Adding Federal Security Manager to Attendees List

B: SANDHAUS, D

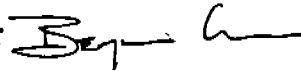
**MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND AVIATION ADMINISTRATION**

DST 94-1

MEMORANDUM

TO: Distribution

FROM: Benjamin Chin, Manager
Project Design



DATE: February 4, 1994

SUBJECT: Pre-Design and Pre-Construction Meetings

Please invite Ms. Sandra Hansen, Federal Security Manager to all Baltimore/Washington International Airport (BWI) related pre-design and pre-construction meetings.

Your cooperation is appreciated.

BC/lad

Distribution:

Mr. Ian Bricknell (TAMS)
Mr. Emory Carrigan
Mr. Brad Collins (DMJM)
Ms. Lori Deener
Mr. George Eichner (Greiner)
Mr. Ali Logmanni
Mr. Joe Nessel
Mr. Alex Noorani
Mr. Charles Steen
Mr. Bill Tsai
Mr. Don Wise (STV/WNB+A)
Design Updates file

DST 94-2 Submission of FAA Form 7460-1 & MAA Form 010 to FAA & MAA

MD GRID COORDINATES

Use the approximate center of the site. This information may be found on site plans, ADC County Maps, or by contacting MDE. Coordinates are based on 1927 origin.

N			E		
0	0	0	0	0	0
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

LATITUDE AND LONGITUDE

Refer to ADC county map. Round to the nearest 15 seconds.

Latitude			Longitude		
0	0	0	0	0	0
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

WATERSHED BASIN CODE

Six digit number that indicates the site's watershed. This information may be obtained at local plan review offices or MDE.

Watershed Basin Code		
0	0	0
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9

PERMANENT STORMWATER MANAGEMENT FACILITIES (BMPs)

Use the left hand column to indicate how many of each type of permanent SWM facility will be implemented. Indicate the total drainage area for these facilities in the remaining columns.
Example: if two extended detention ponds are installed, each draining 10 acres, indicate the number of ponds (2) in the left-hand column, and the total drainage area for that type of facility (20.0 acres).

☐ SWM Waived
☐ SWM Exempt

INFILTRATION TRENCHES		
0	0	0
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9

INFILTRATION BASINS		
0	0	0
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9

OFFSITE SWM FACILITY		
0	0	0
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9

RETENTION PONDS		
0	0	0
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9

DETENTION PONDS		
0	0	0
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9

EXTENDED DETENTION POND - WET		
0	0	0
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9

EXTENDED DETENTION POND - DRY		
0	0	0
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9

VEGETATED SWALES		
0	0	0
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9

WETLAND/SHALLOW MARSHES		
0	0	0
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9

OIL/GRIT SEPARATORS		
0	0	0
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9

DRYWELLS		
0	0	0
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9

BRIEFLY DESCRIBE PROJECT (include existing and proposed land uses)

OTHER NPDES NUMBER

If this project/site has an NPDES number for a discharge other than for stormwater from construction, please indicate that number below:

RUNOFF CURVE NUMBER

PRE POST

ESTIMATE OF IMPERVIOUS SURFACE AREA

(Post development in acres; includes rooftops, parking lots, etc.)

THE RUNOFF FROM THIS SITE GOES TO (mark one and describe)

☐ a municipal separate storm sewer system. Give name of that system and its receiving waters:

☐ surface waters. Give name of receiving waters (use the closest named waterway):

THIS PROJECT IS (choose one)

☐ Federal

☐ State

Give name of agency:

TOTAL SITE AREA

(in acres)		
0	0	0
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9

TOTAL DISTURBED AREA

(in acres)		
0	0	0
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9

STANDARD INDUSTRIAL CLASSIFICATION

Indicate the appropriate SIC number that best represents the eventual use of the facility under construction. For residential and commercial facilities (i.e., non-industrial), use the appropriate construction SIC number. SIC information may be obtained at local plan review offices, public libraries, or by contacting MDE.

(SIC code)

0	0	0
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9

NOTICE OF INTENT

to Comply With the General Permit for Construction Activity for Stormwater Discharges FOR STATE AND FEDERAL GOVERNMENT PROJECTS ONLY

Maryland Department of the Environment
Nonpoint Source Permits Program,
Sediment/Stormwater Plan Review
2500 Broening Highway
Baltimore, MD 21224

BACKGROUND INFORMATION

The United States Environmental Protection Agency (EPA) has developed the National Pollutant Discharge Elimination System (NPDES) stormwater program to control pollutants entering the nation's surface waters from many industrial activities. EPA has authorized the Maryland Department of the Environment (MDE) to implement the NPDES stormwater program in Maryland. MDE has developed a General Permit intended to cover stormwater discharges from construction activity. This Notice of Intent (NOI) is an application form, designed to notify MDE of the permittee's intent to be covered by the General Permit for Construction Activity. This NOI form must be completed and submitted to MDE for any construction activity that results in an earth disturbance of five acres or more. However, if a single owner/developer is engaged in a multiple phase construction project having a planned total disturbance of five acres or more, an NOI is required for General Permit coverage, even if the phase will disturb less than five acres.

GENERAL INSTRUCTIONS

- Do not bend or fold the Notice of Intent form.
- Use a No. 2 pencil to fill appropriate ovals under each item.
- Sign and date the completed NOI form in ink.
- Please retain a copy of the completed NOI for your records.
- Mail signed form to: MDE, Nonpoint Source Permits Program, Sediment/Stormwater Plan Review, 2500 Broening Highway, Baltimore, MD 21224.
- Additional information regarding the completion of this form can be obtained by calling MDE at (410) 631-3563.
- MDE will verify receipt of the NOI by sending the permittee or principal contact a letter, a copy of the General Permit and a receipt card.
- This NOI form does not relieve the permittee of his/her responsibility under current Maryland law regarding erosion and sediment control and stormwater management plan approvals. Appropriate plan approvals must still be obtained.
- State/Federal/Local government projects are exempt from the application fee.

COUNTY: Indicate county/city where project is located.

- | | | |
|---|-------------------------------------|--|
| <input type="checkbox"/> Allegany | <input type="checkbox"/> Charles | <input type="checkbox"/> Prince George's |
| <input type="checkbox"/> Anne Arundel | <input type="checkbox"/> Dorchester | <input type="checkbox"/> Queen Anne's |
| <input type="checkbox"/> Baltimore | <input type="checkbox"/> Frederick | <input type="checkbox"/> St. Mary's |
| <input type="checkbox"/> Baltimore City | <input type="checkbox"/> Garrett | <input type="checkbox"/> Somerset |
| <input type="checkbox"/> Calvert | <input type="checkbox"/> Harford | <input type="checkbox"/> Talbot |
| <input type="checkbox"/> Caroline | <input type="checkbox"/> Howard | <input type="checkbox"/> Washington |
| <input type="checkbox"/> Carroll | <input type="checkbox"/> Kent | <input type="checkbox"/> Wicomico |
| <input type="checkbox"/> Cecil | <input type="checkbox"/> Montgomery | <input type="checkbox"/> Worcester |

PHASE (if applicable)

SITE NAME

SITE NAME AND LOCATION

SITE LOCATION: Be as specific as possible; be sure to include city/town and zip.

PERMITTEE IDENTIFICATION

Give name of either principal executive officer or duly authorized official for the agency (this person's signature should appear on the title sheet of the construction plans).

() Ms.

The permittee will be responsible for complying with the General Permit, unless and until he or she officially transfers or terminates this authority. Refer to the General Permit for specifics.

[illegible]

FACT SHEET 4

February 1994

STATE AND FEDERAL CONSTRUCTION PROJECTS MARYLAND DEPARTMENT OF THE ENVIRONMENT WATER MANAGEMENT ADMINISTRATION NPDES GENERAL PERMIT FOR CONSTRUCTION ACTIVITY

Background

The federal National Pollutant Discharge Elimination System (NPDES) stormwater permitting program is implemented in Maryland by the Maryland Department of the Environment (MDE). This program requires that any construction activity that results in a total planned earth disturbance of five acres or more be permitted for stormwater discharges. MDE has developed the General Permit for Construction Activity which is intended to provide permit coverage for all stormwater discharges from construction activities with a planned total disturbance of five acres or more.

Notice of Intent form

The Notice of Intent (NOI) form is the application form for obtaining General Permit coverage. MDE has developed two new NOI forms to be used for applying for Construction General Permit coverage. These new NOI forms will provide MDE with detailed information about construction activity. The new format enables MDE to process NOI forms more quickly and track data more accurately. One of these NOI forms, labeled For State and Federal Government Projects Only, is to be used exclusively for state and federal construction projects.

Procedures

As MDE reviews and approves plans for state and federal construction projects, MDE will mail the NOI form to the permittee for completion at an appropriate time in the plan review process. Once completed by the permittee, the NOI form should be mailed back to MDE for processing. The mailing address is:

Maryland Department of the Environment
Water Management Administration
Nonpoint Source Permits Program
Sediment and Stormwater Plan Review Division
2500 Broening Highway
Baltimore, Maryland 21224

Transfer of Authorization

MDE has devised a Transfer of Authorization form to be used by owner/permittees who will not control the construction activity on site. The owner may, at his discretion, transfer authorization under the General Permit to the contractor who will be on site controlling the construction activity. If both parties agree to the transfer, then a Transfer of Authorization form, signed by both parties, should be sent to MDE. Contact MDE's Nonpoint Source Permits Program, at (410) 631-3543 for further information regarding this point.

Fees

State and federal construction projects are exempt from permit application fees.

DST 96-4 Temporary Support of Excavation

Bx - STV. BOD / 7460BAZA LG

Design
Updates



Maryland Aviation Administration

"Striving to do our best in everything we do - dedicated to providing outstanding airport facilities and services."

Theodore E. Mathison Administrator

DST 94-2

February 24, 1994

Mr. Larry Goldberg, AIA
Senior Vice President
William Nicholas Bodouva & Associates
Architects & Planners, P.C.
Eleven Pennsylvania Plaza
Suite 242
New York NY 10001

Dear Mr. Goldberg:

SUBJECT: Permit and Notice Requirements
Baltimore/Washington International Airport (BWI)

I am writing to inform you of the requirement to submit the enclosed FAA form 7460-1, Notice of Proposed Construction or Alteration and MAA form 010, Maryland Aviation Administration (MAA) Application For Airport Zoning Permit for projects at Baltimore/Washington International Airport (BWI).

The completed forms should be submitted to Mr. Ned Carey, Manager of Airport Planning (410-859-7089) for processing. A separate form may be required for different aspects of each project i.e. building, light poles, cranes, etc.

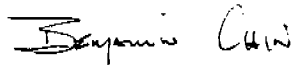
Because of the required coordination with the FAA and potentially with BAZA, the forms should be submitted in a timely manner to allow incorporation of their comments and obtaining approval prior to construction activities starting. For your information, it takes approximately 6 - 8 weeks to receive comments/approval after application submission.

I suggest you call Mr. Carey prior to submitting the forms to determine the supporting documentation and number of copies required.

Mr. Larry Goldberg
February 24, 1994
Page Two

If you should have any questions regarding this matter, please contact me at 410-859-7093.

Sincerely,



Benjamin Chin, P.E.
Manager, Design Services

BC/lad

Enclosures

cc: Mr. Ned Carey
Mr. Alex Noorani
Mr. Don Wise (STV) w/attachment

B /TAMS/7460BAZA-1AN



Maryland Aviation Administration

"Striving to do our best in everything we do - dedicated to providing outstanding airport facilities and services."

Theodore E. Mathison Administrator

February 24, 1994

Mr. Ian Bricknell, P.E.
Project Manager
TAMS Consultants, Inc.
2101 Wilson Blvd. Suite 300
Arlington VA 22201

Dear Mr. Bricknell:

SUBJECT: Permit and Notice Requirements
Baltimore/Washington International Airport (BWI)

I am writing to inform you of the requirement to submit the enclosed FAA form 7460-1, Notice of Proposed Construction or Alteration and MAA form 010, Maryland Aviation Administration (MAA) Application For Airport Zoning Permit for projects at Baltimore/Washington International Airport (BWI) and Martin State Airport (MTN).

The completed forms should be submitted to Mr. Ned Carey, Manager of Airport Planning (859-7089) for processing. A separate form may be required for different aspects of each project i.e. building, light poles, cranes, etc.

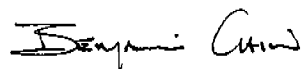
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I suggest you call Mr. Carey prior to submitting the forms to determine the supporting documentation and number of copies required.

Mr. Ian Bricknell
February 24, 1994
Page Two

If you should have any questions regarding this matter, please contact me at 410-859-7093.

Sincerely,

A handwritten signature in cursive script, appearing to read "Benjamin Chin".

Benjamin Chin, P.E.
Manager, Design Services

BC/lad

Enclosures

cc: Mr. Ned Carey
Mr. Ali Logmanni
Mr. Alex Noorani

P - J/GREINER/PERM-NOT-REQ



Maryland Aviation Administration

"Striving to do our best in everything we do - dedicated to providing outstanding airport facilities and services."

Theodore E. Mathison Administrator

February 24, 1994

Mr. George Eichner, P.E.
Vice President
Greiner, Inc.
Suite 200
2219 York Road,
Timonium MD 21093-3111

Dear Mr. Eichner:

SUBJECT: Permit and Notice Requirements
Baltimore/Washington International Airport (BWI)

I am writing to remind you of the requirement to submit the enclosed FAA form 7460-1, Notice of Proposed Construction or Alteration and MAA form 010, Maryland Aviation Administration (MAA) Application For Airport Zoning Permit for projects at Baltimore/Washington International Airport (BWI) and Martin State Airport (MTN).

The completed forms should be submitted to Mr. Ned Carey, Manager of Airport Planning (859-7089) for processing. A separate form may be required for different aspects of each project i.e. building, light poles, cranes, etc.

Because of the required coordination with the FAA and potentially with BAZA, the forms should be submitted in a timely manner to allow incorporation of their comments and obtaining their approval prior to construction activities starting. For your information, it takes approximately 6 - 8 weeks to receive comments/approval after application submission.

I suggest you call Mr. Carey prior to submitting the forms to determine the supporting documentation and number of copies required.

I do not believe these forms have been submitted for the Observation Lounge Project. Please submit the forms immediately in order to avoid any delays to the start of construction.

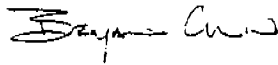
P.O. Box 8766, BWI Airport, Maryland 21240-0766 (410) 859-7100
FAX:(410) 850-4729. TDD for the hearing impaired (410) 859-7227

The Maryland Aviation Administration is an agency of the Maryland Department of Transportation

Mr. George Eichner
February 24, 1994
Page Two

If you should have any questions regarding this matter, please contact me at 410-859-7093.

Sincerely,



Benjamin Chin, P.E.
Manager, Design Services

BC/lad

Enclosures

cc: Mr. Ned Carey
Mr. Ray Heverling
Mr. Ali Logmanni
Mr. Alex Noorani
Mr. Charles Steen

BF / DMJM / 7460BAZA.BC



Maryland Aviation Administration

"Striving to do our best in everything we do - dedicated to providing outstanding airport facilities and services."

Theodore E. Mathison Administrator

February 24, 1994

Mr. Brad Collins, P.E.
Daniel, Mann, Johnson and Mendenhall
1900 Central Savings Bank Building
201 North Charles St.
Baltimore, MD 21201

Dear Mr. Collins:

SUBJECT: Permit and Notice Requirements
Baltimore/Washington International Airport (BWI)

I am writing to remind our consultants of the requirement to submit the enclosed FAA form 7460-1, Notice of Proposed Construction or Alteration and MAA form 010, Maryland Aviation Administration (MAA) Application For Airport Zoning Permit for projects at Baltimore/Washington International Airport (BWI) and Martin State Airport (MTN).

The completed forms should be submitted to Mr. Ned Carey, Manager of Airport Planning (859-7089) for processing. A separate form may be required for different aspects of each project i.e. building, light poles, cranes, etc.

Because of the required coordination with the FAA and potentially with BAZA, the forms should be submitted in a timely manner to allow incorporation of their comments and obtaining approval prior to construction activities starting. For your information, it takes approximately 6 - 8 weeks to receive comments/approval after application submission.

I suggest you call Mr. Carey prior to submitting the forms to determine the supporting documentation and number of copies required.

P.O. Box 8766, BWI Airport, Maryland 21240-0766 (410) 859-7100
FAX: (410) 850-4729 TDD for the hearing impaired (410) 859-7227

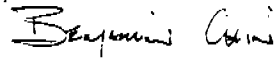
The Maryland Aviation Administration is an agency of the Maryland Department of Transportation



Mr. Brad Collins, P.E.
February 24, 1994
Page Two

If you should have any questions regarding this matter, please contact me at
410-859-7093.

Sincerely,

A handwritten signature in cursive script, appearing to read "Benjamin Chin".

Benjamin Chin, P.E.
Manager, Design Services

BC/lad

Enclosures

cc: Mr. Ned Carey
Mr. Ali Logmanni
Mr. Alex Noorani

INSTRUCTIONS FOR COMPLETING FAA FORM 7460

PLEASE TYPE or PRINT

ITEM #1. Please include the name, address, and phone number of a personal contact point as well as the company name.

ITEM #2. Please include the name, address, and phone number of a personal contact point as well as the company name.

ITEM #3. New Construction would be a structure that has not yet been built.

Alteration is a change to an existing structure such as the addition of a side mounted antenna, a change to the marking and lighting, a change to power and/or frequency, or a change to the height. The nature of the alternation shall be included in **ITEM #21** "Complete Description of Proposal".

Existing would be a correction to the latitude and/or longitude, a correction to the height, or if filing on an existing structure which has never been studied by the FAA. The reason for the notice shall be included in **ITEM #21** "Complete Description of Proposal".

ITEM #4. If Permanent, so indicate. If Temporary, such as a crane or drilling derrick, enter the estimated length of time the temporary structure will be up.

ITEM #5. Enter the date that construction is expected to start and the date that construction should be completed.

ITEM #6. Please indicate the type of structure. **DO NOT LEAVE BLANK.**

ITEM #7. In the event that obstruction marking and lighting is required, please indicate type desired. If no preference, check "other" and indicate "no preference". **DO NOT LEAVE BLANK.** **NOTE:** High intensity lighting shall be used only for structures over 500' AGL. In the absence of high intensity lighting for structures over 500' AGL, marking is also required.

ITEM #8. If this is an existing tower that has been registered with the FCC, enter the FCC Antenna Structure Registration number here.

ITEM #9. and #10. Latitude and longitude must be geographic coordinates, accurate to within the nearest second or to the nearest hundredth of a second if known. Latitude and longitude derived solely from a **hand-held GPS instrument is NOT acceptable.** A hand-held GPS is only accurate to within 100 meters (328 feet) 95 per cent of the time. This data, when plotted, should match the site depiction submitted under **ITEM #20.**

ITEM #11. NAD 83 is preferred; however, latitude/longitude may be submitted in NAD 27. Also, in some geographic areas where NAD 27 and NAD 83 are not available other datums may be used. It is important to know which datum is used. **DO NOT LEAVE BLANK.**

ITEM #12. Enter the name of the nearest city/state to the site. If the structure is or will be in a city, enter the name of that city/state.

ITEM #13. Enter the full name of the nearest public-use (**not private-use**) airport (**or heliport**) or military airport (**or heliport**) to the site.

ITEM #14. Enter the distance from the airport or heliport listed in #13 to the structure.

ITEM #15. Enter the direction from the airport or heliport listed in #13 to the structure.

ITEM #16. Enter the site elevation above mean sea level and expressed in whole feet rounded to the nearest foot (e.g. 17' 3" rounds to 17', 17' 6" rounds to 18'). This data should match the ground contour elevations for site depiction submitted under **ITEM #20.**

ITEM #17. Enter the total structure height above ground level in whole feet rounded to the next highest foot (e.g. 17' 3" rounds to 18'). The total structure height shall include anything mounted on top of the structure, such as antennas, obstruction lights, lightning rods, etc.

ITEM #18. Enter the overall height above mean sea level and expressed in whole feet. This will be the total of **ITEM #16 + ITEM #17.**

ITEM #19. If an FAA aeronautical study was previously conducted, enter the previous study number.

ITEM #20. Enter the relationship of the structure to roads, airports, prominent terrain, existing structures, etc. Attach an 8-1/2" X 11" non-reduced copy of the appropriate 7.5 minute U.S. Geological Survey (USGS) Quadrangle Map MARKED WITH A PRECISE INDICATION OF THE SITE LOCATION. To obtain maps, Contact USGC at 1-800-435-7627 or via Internet at "http://mapping.usgs.gov". If available, attach a copy of a documented site survey with the surveyor's certification stating the amount of vertical and horizontal accuracy in feet.

ITEM #21.

- For transmitting stations, include maximum effective radiated power (ERP) and all frequencies.
- For antennas, include the type of antenna and center of radiation (*Attach the antenna pattern, if available*).
- For microwave, include azimuth relative to true north.
- For overhead wires or transmission lines, include size and configuration of wires and their supporting structures (*Attach depiction*).
- For each pole/support, include coordinates, site elevation, and structure height above ground level or water.
- For buildings, include site orientation, coordinates of each corner, dimensions, and construction materials.
- For alterations, explain the alteration thoroughly.
- For existing structures, thoroughly explain the reason for notifying the FAA (e.g. *corrections, no record of previous study, etc.*).

Filing this information with the FAA does not relieve the sponsor of this construction or alteration from complying with any other federal, state or local rules or regulations. If you are not sure what other rules or regulations apply to your proposal, contact local/state aviation and zoning authorities.

Paperwork Reduction Work Act Statement: This information is collected to evaluate the effect of proposed construction or alteration on air navigation and is not confidential. Providing this information is mandatory for anyone proposing construction or alteration that meets or exceeds the criteria contained in 14 CFR, part 77. We estimate that the burden of this collection is an average 19 minutes per response. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. The OMB control number for this collection is 2120-0001.



U.S. Department of Transportation
Federal Aviation Administration

Failure To Provide All Requested Information May Delay Processing of Your Notice

Notice of Proposed Construction or Alteration

FOR FAA USE ONLY
Aeronautical Study Number

1. Sponsor (person, company, etc. proposing this action) :

Attn. of: _____

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Telephone: _____ Fax: _____

2. Sponsor's Representative (if other than #1) :

Attn. of: _____

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Telephone: _____ Fax: _____

3. Notice of: ☐ New Construction ☐ Alteration ☐ Existing

4. Duration: ☐ Permanent ☐ Temporary (____ months, ____ days)

5. Work Schedule: Beginning _____ End _____

6. Type: ☐ Antenna Tower ☐ Crane ☐ Building ☐ Power Line

☐ Landfill ☐ Water Tank ☐ Other _____

7. Marking/Painting and/or Lighting Preferred:

☐ Red Lights and Paint ☐ Dual - Red and Medium Intensity White

☐ White - Medium Intensity ☐ Dual - Red and High Intensity White

☐ White - High Intensity ☐ Other _____

8. FCC Antenna Structure Registration Number (if applicable): _____

9. Latitude: _____ ° _____ ' _____ " _____ "

10. Longitude: _____ ° _____ ' _____ " _____ "

11. Datum: ☐ NAD 83 ☐ NAD 27 ☐ Other _____

12. Nearest City: _____ State: _____

13. Nearest **Public-use** (not private-use) or Military Airport or Heliport: _____

14. Distance from #13. to Structure: _____

15. Direction from #13. to Structure: _____

16. Site Elevation (AMSL): _____ ft.

17. Total Structure Height (AGL): _____ ft.

18. Overall Height (#16. + #17.) (AMSL): _____ ft.

19. Previous FAA Aeronautical Study Number (if applicable): _____ -- OE

20. Description of Location: (Attach a USGS 7.5 minute
Quadrangle Map with the precise site marked and any certified survey.)

21. Complete Description of Proposal:

Frequency/Power (kW)

Notice is required by 14 Code of Federal Regulations, part 77 pursuant to 49 U.S.C., Section 44718. Persons who knowingly and willingly violate the notice requirements of part 77 are subject to a civil penalty of \$1,000 per day until the notice is received, pursuant to 49 U.S.C., Section 46301 (a).

I hereby certify that all of the above statements made by me are true, complete, and correct to the best of my knowledge. In addition, I agree to mark and/or light the structure in accordance with established marking & lighting standards as necessary.

Date _____ Typed or Printed Name and Title of Person Filing Notice _____ Signature _____

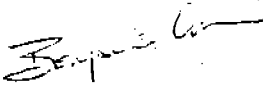
DST 94-3 Design Update to Transmit FAA Memorandum, Dated January 14, 1994

DST 94-3

**MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND AVIATION ADMINISTRATION**

MEMORANDUM

TO: Distribution

FROM: Benjamin Chin, Manager
Project Design 

DATE: March 17, 1994

SUBJECT: Design Update

Purpose: To Transmit Federal Aviation Administration Memorandum dated January 14, 1994 regarding electrical characteristics of Airfield Signs.

BC/lad

Attachment

Distribution:

Mr. Jeff Beer (Bodouva)
Mr. Ian Bricknell (TAMS)
Mr. Emory Carrigan (OPE)
Mr. Brad Collins (DMJM)
Mr. George Eichner (Greiner)
Mr. Harry McCullough (STV)
Mr. Chirantan Mukhopadhyay (Parsons)

cc: Mr. Alex Noorani

Memorandum



U.S. Department
of Transportation
Federal Aviation
Administration

JAN 14 1994

Subject: ACTION: Electrical Characteristics of Airfield Signs

Reply to
Attn of

From: Manager, Engineering and Specifications
Division, AAS-200

To: All Regions
Attn: Manager, Airports Division

This memorandum is in regard to a continuing problem with the procurement and installation of airfield signs.

The specifications for airfield lighting equipment, contained in the 150/5345 series advisory circulars, are performance specifications. This generally means that so long as the equipment is producing the correct light chromaticity (color), beamspread, and intensity, the manufacturer is free to design the fixture using their choice of lamp type, lamp wattage, lens, color filter, circuitry, etc. Specific power requirements have not been included in most of the advisory circulars. This approach allows new technologies to be introduced without the need to rewrite the specifications.

Although the specifications do not contain electrical performance criteria, electrical characteristics for different brands of the same product tend to fall into a defined range because of free market pressures. Unfortunately, this has not happened in the case of lighted airfield signs. In fact, the variances in volt-amp loading and power factor, from manufacturer to manufacturer, remains rather substantial.

Exacerbating the problem, at least two manufacturers produce both high and low VA loading versions of the same sign. Both are eligible for funding under the Airport Improvement Program (AIP).

The variances in VA loading has caused problems when designing circuits for runway and taxiway signs. In some cases the circuit was designed to handle a sign load of a particular value and signs which were bid for the project drew substantially more power, requiring a redesign.

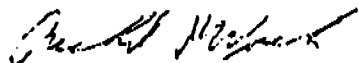
The capability of constant current regulators to handle the power factor of the load should also be taken into consideration when designing sign circuits. AC 150/5345-10, Specification for Constant Current Regulators and Regulator

Specification for Constant Current Regulators and Regulator Monitors, specifies that regulators are required to maintain the current within specified limits for each brightness step when a load (of unspecified power factor) is connected via isolating transformers, and the secondaries of 30 percent of these transformers become open-circuited. The load before opening the transformer secondaries may be any value from half to full load.

We are not aware of any instances where the load power factor of a circuit exceeded the capability of the constant current regulator.

We do not anticipate modifying AC 150/5345-44, Specification for Taxiway and Runway Signs to include electrical performance requirements. Consequently, you should advise engineering firms in your region of the aforementioned potential problems.

Unless each circuit is designed to handle all combinations of VA loading and power factor, design engineers should ensure that sign electrical characteristics, not covered by FAA specifications, are included in the contract specifications, as appropriate. For example, the design total volt-amp load of all new signs and isolation transformers may be specified for each circuit.



Richard J. Worch

DST 94-4 Parking Facility Public Phones

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND AVIATION ADMINISTRATION

MEMORANDUM

TO: Distribution

FROM: Benjamin Chin, Manager *Benjamin Chin*
Project Design

DATE: April 27, 1994

SUBJECT: Design Standard (DST) 94-4, Parking Facility Public Telephones at
Baltimore/Washington International Airport (BWI) and Martin State
Airport (MTN)

I am writing to establish a new procedure for preparing construction contract documents for public telephone service at parking facilities.

1. The Contractor should install the concrete pad and necessary conduits at the phone location.
2. The telephone company (Bell Atlantic) should pull wiring and install housing and telephone.

Please take the necessary action to incorporate the above into all contracts advertised after May 1, 1994.

Should you have any questions regarding this matter, please contact me at 410-859-7093.

BC/lad

Distribution:

Mr. Jeff Beer (Bodouva)
Mr. Emory Carrigan (OPE)
Mr. George Eichner (Greiner)
Mr. Ali Logmanni (OPE)
Mr. Chirantan Mukhopadhyay (Parsons)
Mr. Charles Steen (OPE)

Mr. Ian Bricknell (TAMS)
Mr. Brad Collins (DMJM)
Mr. Ray Heverling (OPE)
Mr. Harry McCullough (STV)
Mr. Geoffrey Peccham (OPE)
Mr. William Tsai (OPE)

cc: Mr. Geno Langelotto
Mr. Alex Noorani
Mr. Mike West

DST 94-5 Preparation of Construction Estimates

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND AVIATION ADMINISTRATION

MEMORANDUM

TO: Distribution

FROM: Benjamin Chin, Manager *Benjamin Chin*
Project Design

DATE: April 27, 1994

SUBJECT: ~~Design Standard (DSE) 24-51P~~ Preparation of Construction Cost Estimates
for Projects at Baltimore/Washington International Airport (BWI) and
Martin State Airport (MTN)

Since the Maryland Aviation Administration (MAA) utilizes various funding sources for construction of projects, we have established the following procedure for development of construction cost estimates and included additional requirements for preparation of quantity plan sheets, tabulation of bids and bid forms. This procedure/format is applicable to all current and future MAA projects.

1. "Design Contingencies" should be included in all construction cost estimates. The percentages should be determined by the design consultant for the individual project components and should be higher for early budget estimates and decreased as the design progresses. The final Engineer's Estimate should not have any design contingency.
2. In addition to the design contingencies discussed above, all estimates should have a "Construction Contingency" added after the subtotal to account for change orders. The amount of construction contingency has generally averaged five percent, but should be determined by the design consultant for individual project components.
3. Design contingencies and construction contingencies should be listed as separate line items.
4. Once a project component has been identified in the budget or subsequent estimates, it must be carried forward as a line item in all future estimates. When work is added to the project scope, an additional line item should be included in the estimate to cover that work. Back-up for each line item should be attached.
5. For projects with Federal (AIP) or PFC funding, eligible and non-eligible costs should be separated. For estimates with these costs, a narrative should be attached, briefly outlining which costs are non-eligible and why.

Distribution DST 94-5

April 27, 1994

Page Two

6. For unit price contracts, the quantities for the various line items with different funding sources should be calculated and shown separately in the Quantity plan sheets and Tabulation of Bids.
7. For lump sum contracts, language should be added in the bid forms requiring the Contractor to furnish MAA with a breakdown of the total bid into the project components as necessary to allow the determination of eligible and non-eligible costs under different funding sources.

If you should have any questions regarding this matter, please contact me at x7093.

BC/lad

Distribution:

Mr. Jeff Beer (Bodouva)
Mr. Ian Bricknell (TAMS)
Mr. Emory Carrigan (OPE)
Mr. Brad Collins (DMJM)
Mr. George Eichner (Greiner)
Mr. Ray Heverling (OPE)
Mr. Ali Logmanni (OPE)
Mr. Harry McCullough (STV)
Mr. Chirantan Mukhopadhyay (Parsons)
Mr. Geoffrey Peccham (OPE)
Mr. Charles Steen (OPE)
Mr. William Tsai (OPE)

cc: Mr. Lynn Bezilla
Ms. Karen Kuczinski
Mr. Alex Noorani
Mr. Mike West

DST 94-6 Maryland Department of the Environment Notice of Intent (NOI)
Procedural Changes

ALI/NOIDS ? DIS

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND AVIATION ADMINISTRATION

MEMORANDUM

TO: Distribution

FROM: Benjamin Chin, Manager *Benjamin Chin*
Project Design

DATE: May 18, 1994

SUBJECT: Design Standard (DST) 94-6, Maryland Department of the Environment
Notice of Intent (NOI) Procedural Changes

The Maryland Department of the Environment (MDE) has made some changes to the Construction General Permit. I have attached for your necessary action, MDE letter dated March 8, 1994, new Notice of Intent form for State and Federal Construction Projects and fact sheet #4 dated February, 1994 which summarizes the changes.

If you should have any questions regarding this matter, please contact me at x7093.

BC/lad

Distribution:

Mr. Jeff Beer (Bodouva)
Mr. Ian Bricknell (TAMS)
Mr. Emory Carrigan (OPE)
Mr. Brad Collins (DMJM)
Mr. George Eichner (Greiner)
Mr. Ali Logmanni (OPE)
Mr. Harry McCullough (STV)
Mr. Chirantan Mukhopadhyay (Parsons)
Mr. Geoffrey Peccham (OPE)
Mr. Charles Steen (OPE)
Mr. William Tsai (OPE)

cc: Ms. Barbara Grey
Mr. Alex Noorani



MARYLAND DEPARTMENT OF THE ENVIRONMENT
2500 Broening Highway • Baltimore, Maryland 21224
(410) 631-3000

William Donald Schaefer
Governor

March 8, 1994

David A.C. Carroll
Secretary

Mr. Benjamin Chin
Maryland Aviation Administration
Office of Planning and Engineering
P.O. Box 8766
BWI Airport MD 21240-0755



Dear Mr. Chin,

The Maryland Department of the Environment (MDE), in its efforts to more effectively implement the federal National Pollutant Discharge Elimination System (NPDES) stormwater program, has made some changes to the Construction General Permit program. These changes are primarily procedural and include the development of a new Notice of Intent (NOI) form to be used exclusively for state and federal construction projects. A new fact sheet (Fact Sheet 4) has been developed that explains the details about this new NOI form. In addition, a new standard NOI form has been devised for both private and local government construction projects.

A sample copy of the new state and federal form and Fact Sheet 4 are enclosed. MDE will begin using this form in the near future for all new state and federal construction projects. The NOI form will be mailed to the applicant by MDE once erosion and sediment control and stormwater management plans are approved. The completed NOI form should then be mailed to the Sediment and Stormwater Plan Review Division as indicated on the NOI form.

Additionally, some modifications have been made to the Construction General Permit to accommodate changes in the NOI form. Among these changes are the elimination of plan review signatures from the NOI form, a new application fee, and some changes in terminology. State and federal construction projects are exempt, however, from all application fees.

Should you have questions regarding the Construction General Permit program itself, please contact the Nonpoint Source Permits Program, Stormwater General Permits Division at (410) 631-3543. Questions regarding the plan review process should be directed to the Sediment and Stormwater Plan Review Division at (410) 631-3563.

Sincerely,

Lois B. McNamara
Stormwater General Permits Division
Water Management Administration

Enclosure

DST 94-7 Satellite Dish Locations

F:/USER/LAD/ALI/
DST94-7

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND AVIATION ADMINISTRATION

MEMORANDUM

TO: Distribution

FROM: Benjamin Chin, Manager *Benjamin Chin*
Project Design

DATE: June 24, 1994

SUBJECT: Design Standard ~~(DST)~~ 94-7, Satellite Dish Locations
Baltimore/Washington International Airport (BWI)

The Maryland Aviation Administration (MAA) was informed by the Federal Aviation Administration (FAA) Air Traffic Office and Airways Facilities Sector at Baltimore/Washington International Airport (BWI) that the recent installation of a satellite receiving dish antenna on the roof of Pier B has caused operational problems with the airport surveillance radar (ASR-9). The dish antenna is acting as a reflector, causing the ASR-9 to display false locations of aircraft. The FAA has corrected this problem with a software program that will allow the ASR-9 to ignore the effect of the reflections from the dish antenna.

While the FAA may be able to use software programs to alleviate the reflection problem, the excessive use of these programs may cause a problem to develop with the ASR-9.

Therefore, all future design should preclude additional dish antennas at Pier B. In addition, proposed antenna dish locations near Pier B should be reviewed and coordinated with MAA Operations and FAA-BWI.

Distribution:

Mr. Jeff Beer (Bodouva)
Mr. Emory Carrigan (OPE)
Mr. George Eichner (Greiner)
Mr. Ali Logmanni (OPE)
Mr. Chirantan Mukhopadhyay (Parsons)
Mr. Charles Steen (OPE)

Mr. Ian Bricknell (TAMS)
Mr. Brad Collins (DMJM)
Mr. Ray Heverling (OPE)
Mr. Harry McCullough (STV)
Mr. Geoffrey Peckham (OPE)
Mr. William Tsai (OPE)

cc: Mr. Jay Huber
Mr. Alex Noorani

DST 94-8 Ted Mathison's Title Change

**MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND AVIATION ADMINISTRATION**

MEMORANDUM

TO: Distribution

FROM: Benjamin Chin, Manager
Design Services

Benjamin Chin

DATE: October 18, 1994

SUBJECT: ~~Design Standard (DST) 948~~
Ted Mathison's Title

Effective October 1, 1994, Mr. Theodore E. Mathison's title changed to Executive Director. From now on, all correspondence sent to his attention, and any contracts or documents requiring his name or signature should reflect this change.

If you should have any questions regarding this matter, please contact me at 410-859-7093.

BC/jao

Distribution:

Mr. Jeff Beer (Bodouva)
Mr. Ian Bricknell (TAMS)
Mr. Brad Collins (DMJM)
Mr. George Eichner (Greiner)
Mr. Chirantan Mukhopadhyay (Parsons)
Mr. Reginald Weaver (Baker)
Mr. Don Wise (STV)

cc: Mr. Ali Logmanni
Mr. Alex Noorani
Mr. Charles Steen