

**CAPITAL IMPROVEMENT PROGRAM FOR FISCAL YEARS 2005 TO 2010**

**Budget**

|  | Fiscal Year        |                  |                  |                  |                  |                  | Prior Allocation | Balance to Complete | Total Project Cost |
|--|--------------------|------------------|------------------|------------------|------------------|------------------|------------------|---------------------|--------------------|
|  | 2005               | 2006             | 2007             | 2008             | 2009             | 2010             |                  |                     |                    |
| <b>AIRPORT ENTERPRISE:</b>                 |                    |                  |                  |                  |                  |                  |                  |                     |                    |
| Fuel Farm - Additional Jet A Fuel Storage  | \$0                | \$0              | \$0              | \$105,000        | \$0              | \$0              | \$0              | \$0                 | \$105,000          |
| High Intensity Runway Lights               | 0                  | 0                | 80,000           | 0                | 0                | 0                | 0                | 0                   | 80,000             |
| Land Acquisition                           | 1,200,000          | 0                | 0                | 0                | 0                | 0                | 0                | 0                   | 1,200,000          |
| Lawn Maintenance Equipment                 | 10,000             | 0                | 0                | 0                | 0                | 0                | 0                | 0                   | 10,000             |
| Master Plan Update                         | 200,000            | 0                | 0                | 0                | 0                | 0                | 0                | 0                   | 200,000            |
| Obstruction Study and Tree Removal         | 800,000            | 800,000          | 0                | 0                | 0                | 0                | 150,000          | 0                   | 1,750,000          |
| PAPI                                       | 0                  | 0                | 75,555           | 0                | 0                | 0                | 0                | 0                   | 75,555             |
| Security System                            | 0                  | 0                | 0                | 0                | 106,050          | 0                | 0                | 0                   | 106,050            |
| Terminal Building Expansion                | 0                  | 0                | 0                | 0                | 0                | 381,950          | 0                | 0                   | 381,950            |
| T-Hangar Painting, Roof and Siding Repairs | 0                  | 0                | 187,000          | 0                | 0                | 0                | 0                | 0                   | 187,000            |
| <b>AIRPORT ENTERPRISE TOTAL</b>            | <b>\$2,210,000</b> | <b>\$800,000</b> | <b>\$342,555</b> | <b>\$105,000</b> | <b>\$106,050</b> | <b>\$381,950</b> | <b>\$150,000</b> | <b>\$0</b>          | <b>\$4,095,555</b> |
| <b>SOURCES OF FUNDING:</b>                 |                    |                  |                  |                  |                  |                  |                  |                     |                    |
| Bonds                                      | \$30,000           | \$0              | \$170,000        | \$0              | \$60,000         | \$381,950        | \$0              | \$0                 | \$641,950          |
| Enterprise Fund - Airport                  | 35,000             | 20,000           | 20,890           | 2,625            | 46,050           | 0                | 7,500            | 0                   | 132,065            |
| MD Aviation Admin.                         | 55,000             | 20,000           | 3,890            | 2,625            | 0                | 0                | 7,500            | 0                   | 89,015             |
| Fed. Aviation Admin.                       | 2,090,000          | 760,000          | 147,775          | 99,750           | 0                | 0                | 135,000          | 0                   | 3,232,525          |
| <b>AIRPORT ENTERPRISE TOTAL</b>            | <b>\$2,210,000</b> | <b>\$800,000</b> | <b>\$342,555</b> | <b>\$105,000</b> | <b>\$106,050</b> | <b>\$381,950</b> | <b>\$150,000</b> | <b>\$0</b>          | <b>\$4,095,555</b> |

# Fuel Farm - Additional Jet A Fuel Storage

Rita Zimmerman, Senior Budget Analyst (410) 386-2082

Proj. #

This project provides planned funding for the addition of one 24,000 gallon storage tank for a total capacity of 36,000 gallons of Jet A fuel storage at the existing airport fuel farm. By the time of installation, Jet A fuel sales are expected to be in the range of 400,000 gallons per year, more than double the sales which are anticipated for Fiscal Year 2004. Expanded storage will reduce the number of fuel deliveries. The project includes designing appropriate connectors to the existing infrastructure, metering, certain site work in the form of an additional concrete pad and tank base, and the acquisition and placement of the tank itself. This project qualifies for the use of Federal funds that are set aside for the Carroll County Regional Airport. The Airport Enterprise Fund's share of the cost is 2.5%, which is contingent upon the FAA funding 95% of the cost and the Maryland Aviation Administration 2.5%.

Projected operating impacts include: maintenance costs for fuel filters and increased utility costs.

|                       | FY 05 | FY 06 | FY 07 | FY 08   | FY 09 | FY 10 | Prior Allocation | Balance to Complete | Total Project Cost |
|-----------------------|-------|-------|-------|---------|-------|-------|------------------|---------------------|--------------------|
| Engineering/Design    |       |       |       |         |       |       |                  |                     | 0                  |
| Land Acquisition      |       |       |       |         |       |       |                  |                     | 0                  |
| Site Work             |       |       |       |         |       |       |                  |                     | 0                  |
| Construction          |       |       |       | 100,000 |       |       |                  |                     | 100,000            |
| Equipment/Furnishings |       |       |       |         |       |       |                  |                     | 0                  |
| Other                 |       |       |       | 5,000   |       |       |                  |                     | 5,000              |

**EXPENDITURES**

|              |          |          |          |                |          |          |          |          |                |
|--------------|----------|----------|----------|----------------|----------|----------|----------|----------|----------------|
| <b>TOTAL</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>105,000</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>105,000</b> |
|--------------|----------|----------|----------|----------------|----------|----------|----------|----------|----------------|

**SOURCES OF FUNDS**

|                            |  |  |  |        |  |  |  |  |        |
|----------------------------|--|--|--|--------|--|--|--|--|--------|
| Transfer from General Fund |  |  |  |        |  |  |  |  | 0      |
| Bonds                      |  |  |  |        |  |  |  |  | 0      |
| Enterprise Fund - Airport  |  |  |  | 2,625  |  |  |  |  | 2,625  |
| MD Aviation Admin.         |  |  |  | 2,625  |  |  |  |  | 2,625  |
| Fed. Aviation Admin.       |  |  |  | 99,750 |  |  |  |  | 99,750 |

|                                    |          |          |          |          |              |              |
|------------------------------------|----------|----------|----------|----------|--------------|--------------|
| <b>PROJECTED OPERATING IMPACTS</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>1,200</b> | <b>1,236</b> |
|------------------------------------|----------|----------|----------|----------|--------------|--------------|



# Land Acquisition

Rita Zimmerman, Senior Budget Analyst (410) 386-2082

6809

This project provides funding for the purchase of additional airport property. The existing terminal area is constrained by the limited land currently owned by the County restricting the possible expansion of the T-hangars and terminal apron. The Airport Enterprise Fund's share of the cost is 2.5% which is contingent upon the Federal Aviation Administration funding 95% of the cost and the Maryland Aviation Administration 2.5%.

|                                    | FY 05            | FY 06    | FY 07    | FY 08    | FY 09    | FY 10    | Prior Allocation | Balance to Complete | Total Project Cost |
|------------------------------------|------------------|----------|----------|----------|----------|----------|------------------|---------------------|--------------------|
| Engineering/Design                 |                  |          |          |          |          |          |                  |                     | 0                  |
| Land Acquisition                   | 1,200,000        |          |          |          |          |          |                  |                     | 1,200,000          |
| Site Work                          |                  |          |          |          |          |          |                  |                     | 0                  |
| Construction                       |                  |          |          |          |          |          |                  |                     | 0                  |
| Equipment/Furnishings              |                  |          |          |          |          |          |                  |                     | 0                  |
| Other                              |                  |          |          |          |          |          |                  |                     | 0                  |
| <b>EXPENDITURES</b>                |                  |          |          |          |          |          |                  |                     |                    |
| <b>TOTAL</b>                       | <b>1,200,000</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b>         | <b>0</b>            | <b>1,200,000</b>   |
| <b>SOURCES OF FUNDS</b>            |                  |          |          |          |          |          |                  |                     |                    |
| Transfer from General Fund         |                  |          |          |          |          |          |                  |                     | 0                  |
| Bonds                              | 30,000           |          |          |          |          |          |                  |                     | 30,000             |
| Enterprise Fund - Airport          |                  |          |          |          |          |          |                  |                     | 0                  |
| MD Aviation Admin.                 | 30,000           |          |          |          |          |          |                  |                     | 30,000             |
| Fed. Aviation Admin.               | 1,140,000        |          |          |          |          |          |                  |                     | 1,140,000          |
| <b>PROJECTED OPERATING IMPACTS</b> | <b>0</b>         | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> |                  |                     | <b>0</b>           |

# Lawn Maintenance Equipment

Rita Zimmerman, Senior Budget Analyst (410) 386-2082

9541

This project provides funding for the purchase of lawn mowing equipment to maintain the grounds at the Airport. The new contract between the County and the company that maintains operations at the Airport assigns responsibility for mowing and other grounds maintenance operations to the County. The Federal Aviation Administration (FAA) has approved the use of rental revenues that are collected from the properties that were jointly purchased by the County and the FAA for this purchase.

Projected Operating Impacts include: gasoline and lubricants to maintain the equipment.

|                                    | FY 05         | FY 06        | FY 07        | FY 08        | FY 09        | FY 10        | Prior Allocation | Balance to Complete | Total Project Cost |
|------------------------------------|---------------|--------------|--------------|--------------|--------------|--------------|------------------|---------------------|--------------------|
| Engineering/Design                 |               |              |              |              |              |              |                  |                     | 0                  |
| Land Acquisition                   |               |              |              |              |              |              |                  |                     | 0                  |
| Site Work                          |               |              |              |              |              |              |                  |                     | 0                  |
| Construction                       |               |              |              |              |              |              |                  |                     | 0                  |
| Equipment/Furnishings              | 10,000        |              |              |              |              |              |                  |                     | 10,000             |
| Other                              |               |              |              |              |              |              |                  |                     | 0                  |
| <b>EXPENDITURES</b>                |               |              |              |              |              |              |                  |                     |                    |
| <b>TOTAL</b>                       | <b>10,000</b> | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>     | <b>0</b>         | <b>0</b>            | <b>10,000</b>      |
| <b>SOURCES OF FUNDS</b>            |               |              |              |              |              |              |                  |                     |                    |
| Transfer from General Fund         |               |              |              |              |              |              |                  |                     | 0                  |
| Bonds                              |               |              |              |              |              |              |                  |                     | 0                  |
| Enterprise Fund - Airport          | 10,000        |              |              |              |              |              |                  |                     | 10,000             |
| MD Aviation Admin.                 |               |              |              |              |              |              |                  |                     | 0                  |
| Fed. Aviation Admin.               |               |              |              |              |              |              |                  |                     | 0                  |
| <b>PROJECTED OPERATING IMPACTS</b> | <b>1,000</b>  | <b>1,030</b> | <b>1,061</b> | <b>1,093</b> | <b>1,126</b> | <b>1,159</b> |                  |                     |                    |

# Master Plan Update

Rita Zimmerman, Senior Budget Analyst (410) 386-2082

6811

This project provides funding to update the Master Plan for the Carroll County Regional Airport. The current Master Plan for the airport was prepared in 1986. Since then, substantial changes in the nation's economy, the Airport and the Airport's activity has caused the County to re-evaluate its long-term development plans for the Airport. The Master Plan Update will include an inventory of existing facilities and an evaluation of airfield capacity and facility requirements. The Plan also will include the development of aviation forecasts and of alternatives to meet requirements. An environmental inventory of existing conditions and the preparation of a revised Airport Layout Plan and a financial feasibility plan will be the final phases in the Master Plan. The Master Plan process is anticipated to take twelve months to complete and will allow local residents and Airport users the opportunity to provide insight and feedback on the Master Plan. The Airport Enterprise Fund's share of the cost is 2.5%, which is contingent upon the Federal Aviation Administration funding 95% of the cost and the Maryland Aviation Administration 2.5%.

|                                    | FY 05          | FY 06    | FY 07    | FY 08    | FY 09    | FY 10    | Prior Allocation | Balance to Complete | Total Project Cost |
|------------------------------------|----------------|----------|----------|----------|----------|----------|------------------|---------------------|--------------------|
| Engineering/Design                 | 200,000        |          |          |          |          |          |                  |                     | 200,000            |
| Land Acquisition                   |                |          |          |          |          |          |                  |                     | 0                  |
| Site Work                          |                |          |          |          |          |          |                  |                     | 0                  |
| Construction                       |                |          |          |          |          |          |                  |                     | 0                  |
| Equipment/Furnishings              |                |          |          |          |          |          |                  |                     | 0                  |
| Other                              |                |          |          |          |          |          |                  |                     | 0                  |
| <b>EXPENDITURES</b>                |                |          |          |          |          |          |                  |                     |                    |
| <b>TOTAL</b>                       | <b>200,000</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b>         | <b>0</b>            | <b>200,000</b>     |
| <b>SOURCES OF FUNDS</b>            |                |          |          |          |          |          |                  |                     |                    |
| Transfer from General Fund         |                |          |          |          |          |          |                  |                     | 0                  |
| Bonds                              |                |          |          |          |          |          |                  |                     | 0                  |
| Enterprise Fund - Airport          | 5,000          |          |          |          |          |          |                  |                     | 5,000              |
| MD Aviation Admin.                 | 5,000          |          |          |          |          |          |                  |                     | 5,000              |
| Fed. Aviation Admin.               | 190,000        |          |          |          |          |          |                  |                     | 190,000            |
| <b>PROJECTED OPERATING IMPACTS</b> | <b>0</b>       | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> |                  |                     | <b>0</b>           |

# Obstruction Study and Tree Removal

Rita Zimmerman, Senior Budget Analyst (410) 386-2082

6804

This project provides funding to purchase land that contains obstructions and to remove the obstructions to aircraft operations as identified by an obstruction study that was recently completed. The Federal Aviation Administration (FAA) has indicated that continued funding for other projects will be dependent on the completed study and the development of a plan to deal with obstructions. The Airport Enterprise Fund's share of the cost is 2.5% which is contingent upon the FAA funding 95% of the cost and the Maryland Aviation Administration 2.5%.

|                       | FY 05   | FY 06   | FY 07 | FY 08 | FY 09 | FY 10 | Prior Allocation | Balance to Complete | Total Project Cost |
|-----------------------|---------|---------|-------|-------|-------|-------|------------------|---------------------|--------------------|
| Engineering/Design    |         |         |       |       |       |       | 150,000          |                     | 150,000            |
| Land Acquisition      | 800,000 |         |       |       |       |       |                  |                     | 800,000            |
| Site Work             |         | 800,000 |       |       |       |       |                  |                     | 800,000            |
| Construction          |         |         |       |       |       |       |                  |                     | 0                  |
| Equipment/Furnishings |         |         |       |       |       |       |                  |                     | 0                  |
| Other                 |         |         |       |       |       |       |                  |                     | 0                  |

## EXPENDITURES

|              |                |                |          |          |          |          |                |          |                  |
|--------------|----------------|----------------|----------|----------|----------|----------|----------------|----------|------------------|
| <b>TOTAL</b> | <b>800,000</b> | <b>800,000</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>150,000</b> | <b>0</b> | <b>1,750,000</b> |
|--------------|----------------|----------------|----------|----------|----------|----------|----------------|----------|------------------|

## SOURCES OF FUNDS

|                            |         |         |  |  |  |  |         |  |           |
|----------------------------|---------|---------|--|--|--|--|---------|--|-----------|
| Transfer from General Fund |         |         |  |  |  |  |         |  | 0         |
| Bonds                      |         |         |  |  |  |  |         |  | 0         |
| Enterprise Fund - Airport  | 20,000  | 20,000  |  |  |  |  | 7,500   |  | 47,500    |
| MD Aviation Admin.         | 20,000  | 20,000  |  |  |  |  | 7,500   |  | 47,500    |
| Fed. Aviation Admin.       | 760,000 | 760,000 |  |  |  |  | 135,000 |  | 1,655,000 |

## PROJECTED OPERATING IMPACTS

|  |   |   |   |   |   |   |
|--|---|---|---|---|---|---|
|  | 0 | 0 | 0 | 0 | 0 | 0 |
|--|---|---|---|---|---|---|

# PAPI

Rita Zimmerman, Senior Budget Analyst (410) 386-2082

Proj #

This project provides planned funding for the installation of Four-Box Precision Approach Path Indicators (PAPI). PAPI's are visual aids that help pilots determine the appropriate glide path to clear obstacles in the runway approach and assists in the transition from instrument flight to a visual landing. PAPI's also assist in locating the proper touchdown point for higher speed aircraft. The Federal Aviation Administration (FAA) specifies airports utilized by Group II Aircraft (corporate jets) should have Four-Box PAPI's. The Airport Enterprise Fund's share of the cost is 2.5% which is contingent upon the FAA funding 95% of the cost and the Maryland Aviation Administration 2.5%.

|                       | FY 05 | FY 06 | FY 07  | FY 08 | FY 09 | FY 10 | Prior Allocation | Balance to Complete | Total Project Cost |
|-----------------------|-------|-------|--------|-------|-------|-------|------------------|---------------------|--------------------|
| Engineering/Design    |       |       |        |       |       |       |                  |                     | 0                  |
| Land Acquisition      |       |       |        |       |       |       |                  |                     | 0                  |
| Site Work             |       |       |        |       |       |       |                  |                     | 0                  |
| Construction          |       |       |        |       |       |       |                  |                     | 0                  |
| Equipment/Furnishings |       |       | 75,555 |       |       |       |                  |                     | 75,555             |
| Other                 |       |       |        |       |       |       |                  |                     | 0                  |

**EXPENDITURES**

|              |          |          |               |          |          |          |          |          |               |
|--------------|----------|----------|---------------|----------|----------|----------|----------|----------|---------------|
| <b>TOTAL</b> | <b>0</b> | <b>0</b> | <b>75,555</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>75,555</b> |
|--------------|----------|----------|---------------|----------|----------|----------|----------|----------|---------------|

**SOURCES OF FUNDS**

|                            |  |  |        |  |  |  |  |  |        |
|----------------------------|--|--|--------|--|--|--|--|--|--------|
| Transfer from General Fund |  |  |        |  |  |  |  |  | 0      |
| Bonds                      |  |  |        |  |  |  |  |  | 0      |
| Enterprise Fund - Airport  |  |  | 1,890  |  |  |  |  |  | 1,890  |
| MD Aviation Admin.         |  |  | 1,890  |  |  |  |  |  | 1,890  |
| Fed. Aviation Admin.       |  |  | 71,775 |  |  |  |  |  | 71,775 |

**PROJECTED OPERATING IMPACTS**

|  |   |   |   |   |   |   |
|--|---|---|---|---|---|---|
|  | 0 | 0 | 0 | 0 | 0 | 0 |
|--|---|---|---|---|---|---|





# T-Hangar Painting, Roof and Siding Repairs

Rita Zimmerman, Senior Budget Analyst (410) 386-2082

Proj. #

This project provides planned funding for painting and roof repairs for the three County owned T-Hangars. These structures are more than twenty years old and are showing signs of general deterioration. It is expected that this painting and minor roof repairs will extend the life of the facility for an additional eight to ten years.

|                       | FY 05 | FY 06 | FY 07   | FY 08 | FY 09 | FY 10 | Prior Allocation | Balance to Complete | Total Project Cost |
|-----------------------|-------|-------|---------|-------|-------|-------|------------------|---------------------|--------------------|
| Engineering/Design    |       |       |         |       |       |       |                  |                     | 0                  |
| Land Acquisition      |       |       |         |       |       |       |                  |                     | 0                  |
| Site Work             |       |       |         |       |       |       |                  |                     | 0                  |
| Construction          |       |       | 170,000 |       |       |       |                  |                     | 170,000            |
| Equipment/Furnishings |       |       |         |       |       |       |                  |                     | 0                  |
| Other                 |       |       | 17,000  |       |       |       |                  |                     | 17,000             |

**EXPENDITURES**

|              |          |          |                |          |          |          |          |          |                |
|--------------|----------|----------|----------------|----------|----------|----------|----------|----------|----------------|
| <b>TOTAL</b> | <b>0</b> | <b>0</b> | <b>187,000</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>187,000</b> |
|--------------|----------|----------|----------------|----------|----------|----------|----------|----------|----------------|

**SOURCES OF FUNDS**

|                            |  |  |         |  |  |  |  |  |         |
|----------------------------|--|--|---------|--|--|--|--|--|---------|
| Transfer from General Fund |  |  |         |  |  |  |  |  | 0       |
| Bonds                      |  |  | 170,000 |  |  |  |  |  | 170,000 |
| Enterprise Fund - Airport  |  |  | 17,000  |  |  |  |  |  | 17,000  |
| MD Aviation Admin.         |  |  |         |  |  |  |  |  | 0       |
| Fed. Aviation Admin.       |  |  |         |  |  |  |  |  | 0       |

|                                    |          |          |          |          |          |          |
|------------------------------------|----------|----------|----------|----------|----------|----------|
| <b>PROJECTED OPERATING IMPACTS</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> |
|------------------------------------|----------|----------|----------|----------|----------|----------|