Anne Arundel County Public Schools

School Start and Stop Times

December 14, 2005

Transportation Overview

- \$34.2M— FY2006 Projected Expense
 - 96% In The Bus (4% Overhead)
- 9.84M Annual Miles (180 days)
 - 623,000 Driver Hours
 - 492 Route Buses
- 55,000 Students Transported
- 30% of Assets Dedicated to 1,800 Special Students
- **1,405 Daily Trips** (1,300 ES, MS and HS)
- 25 Minutes—
 - Estimated 90% of regular students "delivered" within this time

Current Schedule (Option 1)

High Schools

- Open at 7:17 a.m. / Close at 1:55 p.m.
- Length of day: 6 hours and 38 minutes.
- Simultaneous start time coordinates services at CAT centers

Elementary and Middle Schools

- Close between 2:15 p.m. and 3:50 p.m.
- Length of day: 6 hours 15 minutes for Elementary Schools
 6 hours 30 minutes for Middle Schools

Start times determined by the Transportation Division

- Subject to above established parameters
- Timing coordination is critical to cost maintenance

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Considerations for Change

Personal Schedules:

- Before and After Care, Activities, Personnel, Family and Alternative Work Schedules
- Student Activities: Athletics, Band, Activities
- Traffic and Daylight: Risk Assessment
- Financial Cost: Hard and Soft
- "Shakedown" Issues
- Instructional Items: Length of Instructional Day, Ownership of Most "Productive" Time

Process:

- Develop and Assess Models
- Choose Model
- Refine Model
- Develop Implementation Plan

Option 2—Universal Shift

Delay the opening and closing time for all schools by equal amount.

For example, delay the start time for all schools by 15 minutes (or 20, 25, or 30, etc.)

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Option 2—Universal Shift

- Nominal Cost Increase (e.g., Traffic)
- Sleep issue addressed
- Closing time window extends from 3:50 to 4:05 p.m.
- Impact on Community and Activities
- PM Issues:
 - MS Activity, CAT Foundation, Alternative Schools
- Implementation and Timing Considerations: (Good)
 - Suggested Decision Date, April 15, 2006 for Fall, 2006 Opening

Option 3— End of Shift

Assign High Schools to the End of Shift (Jump option)

Start High Schools after 9:45 a.m.
Close at 4:25 p.m.
Match CAT Center hours

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Option 3—End of Shift

- Nominal Cost Increase
- Sleep issue addressed
- Minimal impact on hours at ES and MS
 - ES and MS Afternoon Closing Window: 2:15/2:30 to 4:00 p.m.
- Middle School Activities time extends to 5:00 p.m.
 - Increases to 2.5 hours from current 1.0 to 1.5
- 3-day CAT Foundation shifts to AM (with consolidated stops)
- Transportation Safety Advantage (Relative Use of Daylight)
- Impact on Community, Family, and School Activities
- Impact on Athletics
 - Practice Adjustments, Game Timing, Daylight Conflicts
- Implementation and Timing Considerations—Good
 - Suggested Decision Date: April 15, 2006 for Fall 2006 implementation
 - Other Dates to Consider: e.g. Athletic Game Schedules

Option 4— 8:00 a.m. to 4 p.m.

Earliest Instructional Bell at 8:00 a.m. Latest Closing Bell at 4:00 p.m.

Need to schedule and secure additional equipment and personnel

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Option 4A—8:00a.m.—4:00p.m.

HS from 8:00 a.m. - 2:40 p.m. MS Opening Range: 8:45 - 9:30 a.m. MS Closing Range: 3:15 - 4:00 p.m.

- Significant Increase in Transport Cost
 - 60 Buses: \$3.6 to \$4.6M per annum
- Sleep issue addressed
- 24% Time Capacity Reduction
- Considerable Impact on hours at ES and MS, (most will change)
- Transportation Safety Advantage (Plus)
- MS Activity ends at 5:00 (Time Range: 1.0 to 2.5 Hour Duration)
- Community and Activities Impact
- DRIVERS—DRIVERS—DRIVERS
- Implementation and Timing Considerations— Challenging
- Two Stage Option (CATS and CATN Phasing)

Option 4B—8:00a.m.—4:00p.m.

HS from 8:00 a.m. – 2:40 p.m. MS from 9:30 a.m. – 4:00 p.m.

- Increase in Transportation cost is less than 4A
 - 40 Buses: \$2.4M to \$3.1M Per Annum
- Logistics Requires Closer Scrutiny
- Sleep issue addressed
- 24% Time Capacity Reduction
- Considerable Impact on hours at ES and MS, (most will change)
- Transportation Safety Advantage (Plus)
- One-hour MS Activity ends at 5:00
- Community and Activities Impact
- DRIVERS—DRIVERS—DRIVERS
- Implementation and Timing Considerations— Challenging
- Two Stage Option (CATS and CATN Phasing)

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Option 4C-8:00a.m.-4:00p.m.

HS from 9:20 a.m. to 4:00 p.m. MS from 8:00 a.m. to 2:30 p.m.

- Increase in Transportation cost is less than 4A
 - 40 Buses: \$2.4M to \$3.1M Per Annum
- Logistics Requires Closer Scrutiny
- Sleep issue addressed
- 24% Time Capacity Reduction
- Considerable Impact on hours at ES and MS, (most will change)
- Transportation Safety Advantage (Plus)
- 2.5 hour MS Activity Ending at 5:00
- Community and Activities Impact
- DRIVERS—DRIVERS—DRIVERS
- Implementation and Timing Considerations— Challenging
- Two Stage Option (CATS and CATN Phasing)

All Options

- Option 1 No Change
- Option 2— Universal Shift (15, 20, 25, 30 minutes)
- Option 3— End of Shift
 High Schools: 9:45 a.m.– 4:25 p.m.
- Option 4— 8:00 a.m. 4:00 p.m.
 - 4A: High Schools from 8:00 a.m.— 2:40 p.m. Middle Schools opening: 8:45 9:30 a.m Middle Schools closing: 3:15 4:00 p.m
 - 4B: High Schools from 8:00 a.m.- 2:40 p.m. All Middle Schools from 9:30 a.m.- 4:00 p.m
 - 4C: High Schools from 9:20 a.m.- 4:00 p.m. Middle Schools from 8:00 a.m.- 2:30 p.m.