

## Mobile Classroom Information Sheet:

### 1. Building issues:

#### a. Structural systems:

Mobile classrooms are built to a less stringent structural code due to the temporary nature of the facility. Mobiles rest on concrete piers and are strapped-down to the piers with steel ties. The building must be securely anchored to the foundation to withstand the wind load as described in ASCE 7-95.

Also, the wood-framed mobiles typically rest on either steel I-beam frames or steel joist/outrigger frames. The space below the mobiles is not conditioned or ventilated, sometimes causing corrosion to occur on steel framing members.

#### b. Construction:

Mobile classrooms are typically built out of ordinary/combustible wood frame construction as opposed to masonry/steel non-combustible (sprinklered) construction typically used for new school buildings.

#### c. Fire walls:

Because the mobile classrooms are built out of combustible material, the mobiles must be located at least 30 feet from adjacent building(s) or separated from adjacent buildings by a two-hour fire wall.

#### d. Rodents:

Because the mobiles are elevated, the cavity below the mobiles attracts rodents. Regular extermination is required.

#### e. Plumbing:

None of the mobile classrooms have indoor plumbing. Students must exit the mobiles and use the facilities in the existing building.

#### f. Accessibility:

Because the mobiles are elevated two to three feet above grade, lengthy ramps are required to provide wheelchair accessibility.

### 2. Useful life of a mobile classroom:

- a. The useful life of a mobile classroom is approximately 10-15 years, depending on maintenance, weather and usage patterns. Carpet, roofing and finishes are not designed for long-term usage.

- b. Mechanical/ventilation systems for mobile classrooms are similar to residential mechanical/ventilation systems. The useful life of a mobile classroom mechanical/ventilation system is approximately 10-15 years. Indoor air quality must be monitored.
3. 23 Illinois Administrative Code 180, Section 180.230, Certificate of Occupancy for a Temporary Facility guidelines:
    - a. When requested to do so, a regional superintendent shall issue a **one-year** certificate of occupancy for a temporary facility, allowing use of a facility that does not comply with all the requirements of this Part, provided that all the following requirements are met.
      - i. Use of the facility is necessary to meet a temporary need of the school district, as verified by the regional superintendent.
      - ii. **The school board presents a plan either for replacement of the temporary facility with a facility meeting the requirements of this Part or for the elimination of the temporary need upon which the request is based. The school board's plan includes positive action to accomplish this end within a specified period of time, during which the certificate may be annually renewed.**
      - iii. The facility has been surveyed by a licensed design professional, whose report is attached identifying the respects in which the facility fails to comply with the requirements of this Part and certifying that such noncompliance does not jeopardize the general health and safety of the students and others who occupy the facility.
      - iv. If the facility is a premanufactured unit such as a mobile home, trailer unit, or other, similar structure, the application shall include evidence that all of the following conditions exist:
        1. The facility has received the seal of approval issued by the Illinois Department of Public Health pursuant to the Manufactured Housing and Mobile Home Safety Act [430 ILCS 115];
        2. The facility is anchored as specified in the Illinois Mobile Home Tiedown Act [210 ILCS 120];
        3. The facility is separated from other buildings by the distance required pursuant to the standards referenced in Section 180.60 of this Part; and
        4. The facility is connected to the fire alarm system and intercom or telephone system of a nearby school building, if such a system is present.

Glen Ellyn School District 41  
Modular Classroom Costs

Printed on: 10/7/2008

School	Cumulative Total Costs	2010-11	2010-09	2009-08	2007-08	2006-07	2005-06	2004-05	2003-04	2002-03
<b>Abraham Lincoln</b>										
Lease Costs	184,176.00	24,300.00	24,300.00	24,300.00	37,092.00	37,092.00	37,092.00			
Purchase Costs	20,000.00								20,000.00	
Installation Costs	240,060.22				57,406.50	57,406.50	57,406.50		67,840.72	
<b>Total</b>	<b>444,236.22</b>	<b>24,300.00</b>	<b>24,300.00</b>	<b>24,300.00</b>	<b>94,498.50</b>	<b>94,498.50</b>	<b>94,498.50</b>	-	<b>87,840.72</b>	-
<b>Benjamin Franklin</b>										
Lease Costs	174,438.00	22,950.00	22,950.00	22,950.00	35,196.00	35,196.00	35,196.00			
Purchase Costs	-									
Installation Costs	202,271.50				67,423.83	67,423.83	67,423.83			
<b>Total</b>	<b>376,709.50</b>	<b>22,950.00</b>	<b>22,950.00</b>	<b>22,950.00</b>	<b>102,619.83</b>	<b>102,619.83</b>	<b>102,619.83</b>	-	-	-
<b>Churchill</b>										
Lease Costs	180,840.00	23,800.00	23,800.00	23,800.00	36,480.00	36,480.00	36,480.00			
Purchase Costs	70,400.00								70,400.00	
Installation Costs	307,749.73				69,318.83	69,318.83	69,318.83		99,793.23	
<b>Total</b>	<b>558,989.73</b>	<b>23,800.00</b>	<b>23,800.00</b>	<b>23,800.00</b>	<b>105,798.83</b>	<b>105,798.83</b>	<b>105,798.83</b>	-	<b>170,193.23</b>	-
<b>Forest Glen</b>										
Lease Costs	92,838.00	12,250.00	12,250.00	12,250.00	18,696.00	18,696.00	18,696.00			
Purchase Costs	20,195.00									20,195.00
Installation Costs	187,121.27				45,819.17	45,819.17	45,819.17			49,663.77
<b>Total</b>	<b>300,154.27</b>	<b>12,250.00</b>	<b>12,250.00</b>	<b>12,250.00</b>	<b>64,515.17</b>	<b>64,515.17</b>	<b>64,515.17</b>	-	-	<b>69,858.77</b>
<b>Hadley</b>										
Lease Costs	244,130.00	54,950.00	54,950.00	54,950.00					79,280.00	
Purchase Costs	-									
Installation Costs	594,131.95			525,000.00					69,131.95	
<b>Total</b>	<b>838,261.95</b>	<b>54,950.00</b>	<b>54,950.00</b>	<b>579,950.00</b>	-	-	-	-	<b>148,411.95</b>	-
<b>Total Annual Costs</b>										
Lease Costs	876,422.00	138,250.00	138,250.00	138,250.00	127,464.00	127,464.00	127,464.00	-	79,280.00	-
Purchase Costs	110,595.00	-	-	-	-	-	-	-	90,400.00	20,195.00
Installation Costs	1,531,334.67	-	-	525,000.00	239,968.33	239,968.33	239,968.33	-	236,765.90	49,663.77
<b>Total</b>	<b>2,518,351.67</b>	<b>138,250.00</b>	<b>138,250.00</b>	<b>663,250.00</b>	<b>367,432.33</b>	<b>367,432.33</b>	<b>367,432.33</b>	-	<b>406,445.90</b>	<b>69,858.77</b>
Installation costs includes Delivery, set-up, skirting, ramps, canopies and all other site work.										