

# PROJECT BUDGET PRESENTATION

## Monomoy Regional High School Building Committee Meeting

June 19, 2012

**SKANSKA**



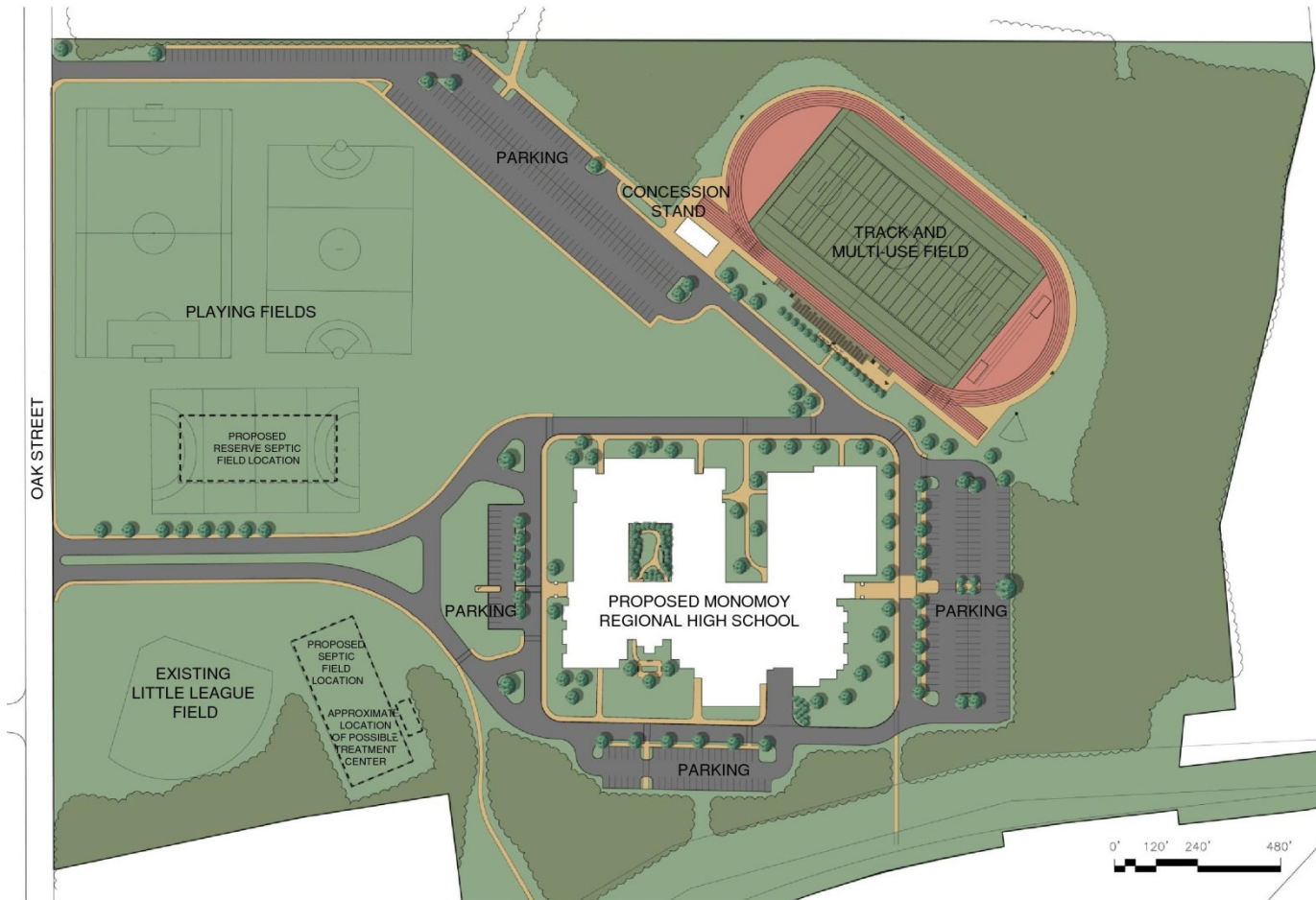
# Project Features

- Serves 700 Students
- Grades 8-12
- 8<sup>th</sup> Grade Wing located near main entrance
- 168,000 GSF
- 580-Seat Auditorium
- College-Style Media Center
- Full-size Gymnasium with two half-courts and 350 Seat Bleachers
- “Green” Design meeting MA-CHPS Certification
- Five acres of athletic fields
- Improved parking and on-site traffic circulation
- Separate Entrances for after-school community use
- Natural Light in Every Classroom
- Efficient HVAC, Plumbing and Electrical Systems

# Model School Benefits

- Additional 5% Reimbursement from MSBA
- Reduced change orders
- Streamlined MSBA process
- Efficient design and structural system
- Incorporates “Green” Sustainable Features
- Shortened document development schedule
- Get to construction quicker to take advantage of current bidding climate
- Contractor familiarity

# Site Plan



# First Floor Plan

## LEGEND

- CLASSROOM
- SCI / ART / COMP / TECH. ENG.
- COMMUNITY
- ADMINISTRATION
- SERVICES
- TOILETS



MONOMOY REGIONAL HIGH SCHOOL  
FIRST FLOOR - JUNE 07, 2012

# Second Floor Plan



# Building Image





# Project Schedule to Local Authorizations

- June 19, 2012: Present Draft Project Budget
- June 21, 2012: Approve Final Project Budget
- June 22, 2012: Submit Budget to MSBA
- Week of June 25: MSBA PS&B Conference
- July 13, 2012: RSC Votes to Incur Debt
- July 20, 2012: STM Articles Created
- July 25, 2012: MSBA BoD Approved PS&B
- August 27, 2012: Chatham Special Town Meeting
- August 28, 2012: Harwich Special Town Meeting
- September 6, 2012: Debt-Exclusion Vote (Both Towns)



# Construction Cost Estimate Development

- Two Independent Cost Estimates prepared: MVG/Tarbell and Skanska (OPM) based on Schematic Design documents
- Day-long reconciliation meeting held with Estimators, Architects, and OPM to ensure the correct project scope is captured in estimates.
- Contractor Costs; Mark-up's; Estimation Contingency; Escalation Included
- Designer's Cost Estimate used for basis of construction costs in TPB

## COST ESTIMATE CATEGORIES INCLUDE

- |  |  |
|--|--|
| <input type="checkbox"/> Substructure          | <input type="checkbox"/> Plumbing                |
| <input type="checkbox"/> Superstructure        | <input type="checkbox"/> HVAC                    |
| <input type="checkbox"/> Exterior Enclosure    | <input type="checkbox"/> Fire Protection Systems |
| <input type="checkbox"/> Roofing               | <input type="checkbox"/> Electrical Systems      |
| <input type="checkbox"/> Interior Construction | <input type="checkbox"/> Demolition              |
| <input type="checkbox"/> Stairs & Elevators    | <input type="checkbox"/> HAZMAT Abatement        |
| <input type="checkbox"/> Interior Finishes     | <input type="checkbox"/> Sitework                |

# Total Project Budget Components

**Feasibility Study:** OPM & A/E Services through PS&B Submittal

**Administrative/OPM Fees:** Legal Fees/OPM Fees/Advertising/Permitting/Ins.

**Architecture & Engineering Fees:** Basic Services through Closeout

**A&E Reimbursable Service:** Test'g/Print'g/HAZMAT/Geo-Environ./Survey

**Construction Budget:** “Hard Costs”, Material & Labor Costs of Building & Site

**Misc. Project Costs:** Utility Co. Fees/Const. Testing/Mailing/Moving/Etc.

**Furnishings & Equipment:** Furniture/Equipment/Computer Equipment

**Construction Contingency:** Differing Conditions/Change Orders/Upgrades

**Owner's Contingency:** Extra Professional Services; Misc. Owner's Costs

# Anticipated MSBA Reimbursement

## BASE RATE:

Points

- Starting Rate for all Districts in the Commonwealth **31.00**

## PLUS COMMUNITY SOCIO-ECONOMIC FACTORS:

Points

- Community Income Factor 6.32
- Community Property Wealth Factor 0
- Community Poverty Factor 0

**ADJUSTED BASE RATE: 37.32**

## PLUS INCENTIVE RATE FACTORS:

Points

- High Efficiency Green School Program (up to 2 points): 2.00
- Best Practices for Routine & Capital Maintenance (up to 2 points): 1.21
- Newly Formed Regional School District: 6.00
- Model School: 5.00

**INCENTIVE POINTS SUBTOTAL: 14.21**

**TOTAL MSBA REIMBURSEMENT RATE (Base Rate + Incentive Points) = 51.53**

# Regional Cost Share & Tax Impact

<b>Total Regional Share (Harwich &amp; Chatham)</b>	<b>\$34,656,669</b>
Harwich Share	\$24,952,802
Chatham Share	\$9,703,867
<b>Tax Impact</b>	
Impact on Harwich Median House / Year	\$156- \$96
Impact on Chatham Median House / Year	\$81- \$50

## Total Project Budget Summary

<b>Feasibility Study</b>	<b>\$787,080</b>
<b>Administrative/OPM Fees</b>	<b>\$1,600,000</b>
<b>Architecture &amp; Engineering Fees</b>	<b>\$2,445,000</b>
<b>A&amp;E Reimbursable Service</b>	<b>\$365,000</b>
<b>Construction Budget</b>	<b>\$54,190,433</b>
<b>Misc. Project Costs</b>	<b>\$250,000</b>
<b>Furnishings &amp; Equipment</b>	<b>\$1,680,000</b>
<b>Construction Contingency</b>	<b>\$2,500,000</b>
<b>Owner's Contingency</b>	<b>\$500,000</b>
<b>TOTAL PROJECT BUDGET</b>	<b>\$64,317,513</b>

# Cost Share & MSBA Reimbursement

<b>Total Project Budget</b>	<b>\$64,317,513</b>
Ineligible Costs	\$6,757,171
Contingencies (Construction & Owner)	\$3,000,000
Project Budget as Basis For MSBA Grant	\$54,560,342
Reimbursement Rate	51.53%
MSBA Basic Grant	\$28,114,944
<b>Harwich &amp; Chatham Cost</b>	<b>\$33,202,569</b>
Plus Potentially Eligible Contingency	\$3,000,000
Potentially Additional Grant Funds	\$1,545,900
<b>Total Maximum MSBA Grant</b>	<b>\$29,660,844</b>
<b>TOTAL HARWICH &amp; CHATHAM COST</b>	<b>\$34,656,669</b>

## Proposed Project Alternates

1	6-Lane Polyurethane Track	\$ 666,280
2	Synthetic Turf Multi-Purpose Field	\$ 454,470
3	Irrigation to Athletic Fields 1&2	\$ 162,000
4	700-Seat Bleachers (HC Accessible)	\$ 114,000
5	Press Box with HC Wheelchair Lift	\$ 51,250
6	Concession Stand/Athletic Storage	\$ 372,500
7	Lights at Multi-Purpose Field & Track	\$ 300,000
	TOTAL	\$2,120,500



## Regional Cost Share & Tax Impact

<b>Total Regional Share of Alternates</b>	<b>\$2,120,500</b>
Harwich Share	\$1,526,760
Chatham Share	\$593,740
Impact on Harwich Median House / Year	\$10 - \$6 (\$155 Total)
Impact on Chatham Median House / Year	\$5 - \$3 (\$81 Total)

# Total Regional Cost Share & Tax Impact

<b>Total Regional Share (Harwich &amp; Chatham)</b>	<b>\$36,777,169</b>
Harwich Share	\$26,479,562
Chatham Share	\$10,297,607
<b>Tax Impact</b>	
Impact on Harwich Median House / Year	\$166- \$102
Impact on Chatham Median House / Year	\$86- \$53