

# Capital Design Advisory Committee

March 30, 2016

**ST MARY'S**  
COLLEGE *of* MARYLAND

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*The Public Honors College*

HISTORIC   
ST. MARY'S CITY

## AGENDA

- Route 5 Traffic Calming Phase II Update
- New Academic Building & Auditorium  
New Varsity Fields & Stadium
- New Campus Entrance Sign
- New Sidewalk for Trinity Church Road
- New solar power arrays on campus and at  
HSMC's Mattapany /Kohut Way property.

# Route 5 Traffic Calming Phase II

Capital  
Design  
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Presentation

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# MD 5 Pedestrian and Bike Path

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Advisory  
Presentation

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## Route



Pedestrian/Bike Trail

Paved Trail

Foot Bridge

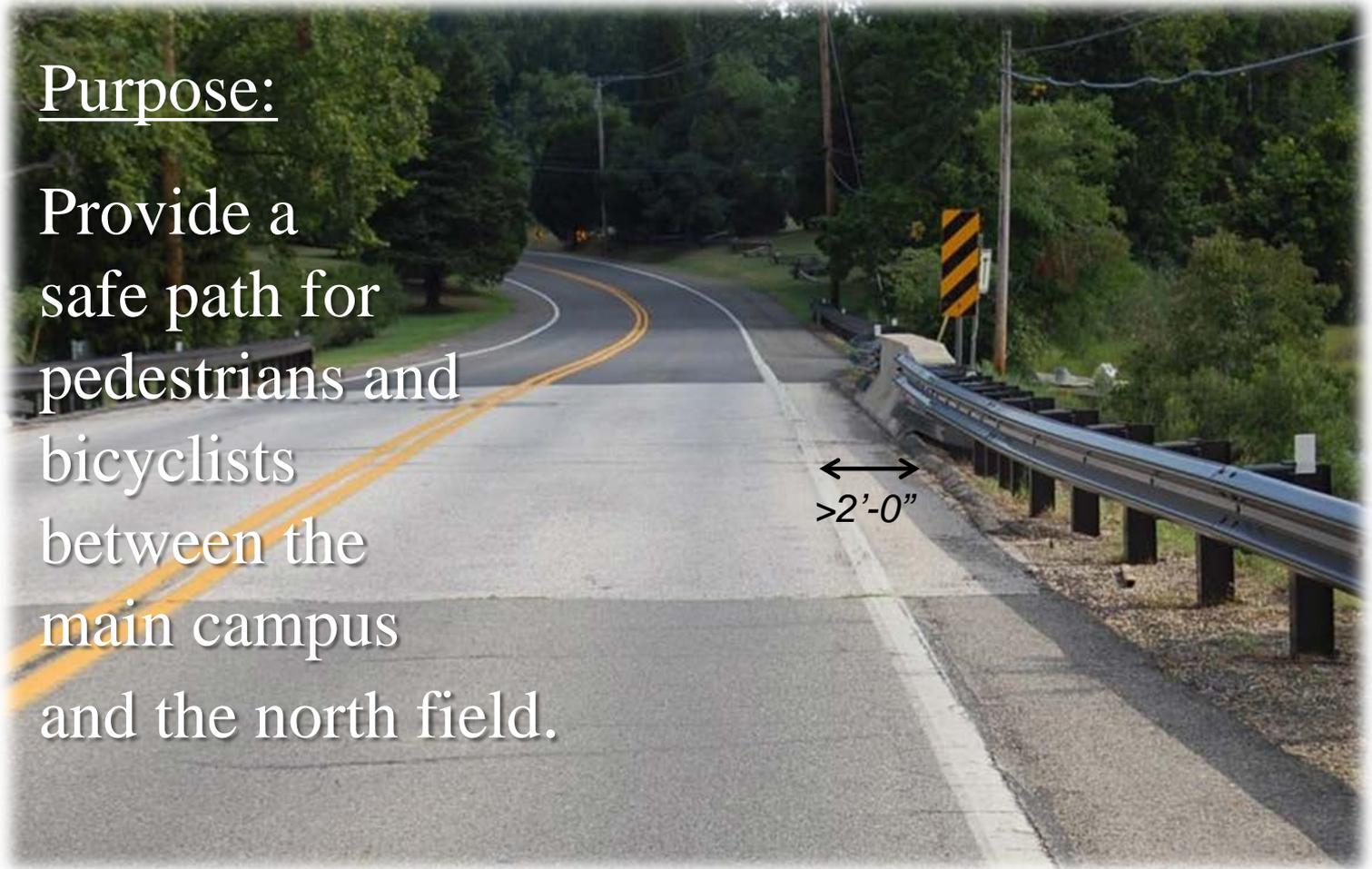
MD 5  
Pedestrian  
and Bike  
Path

Capital  
Design  
Advisory  
Presentation

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Purpose:

Provide a  
safe path for  
pedestrians and  
bicyclists  
between the  
main campus  
and the north field.



MD 5  
Pedestrian  
and Bike  
Path

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## Challenges & Partners:

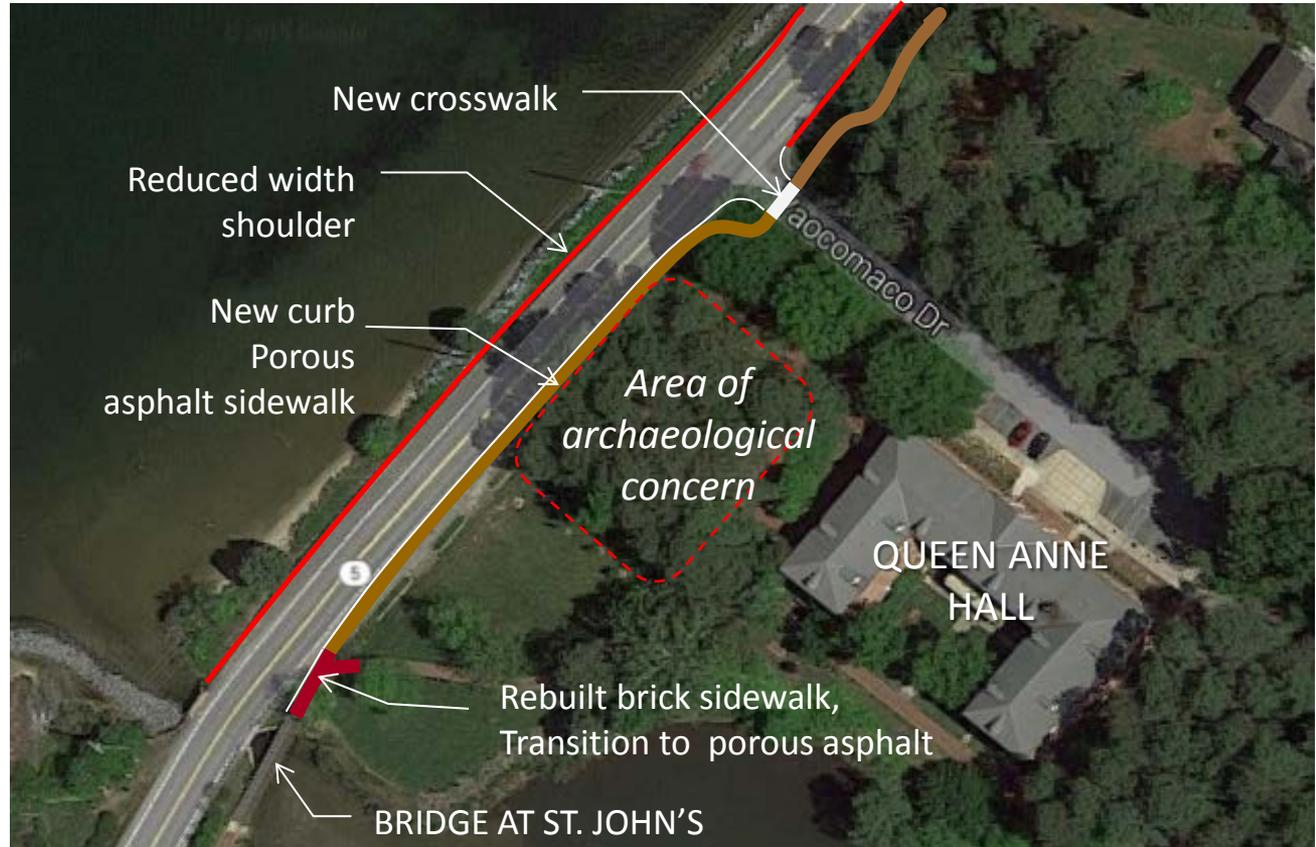
- ▶ Environmental stewardship
- ▶ Preservation of archaeological resources
- ▶ Access for the disabled
- ▶ MD 5 traffic flow
- ▶ Multiple regulatory overlays



Maryland Historical Trust



# Southern Section: St. John's Pond to Yaocomaco Dr.

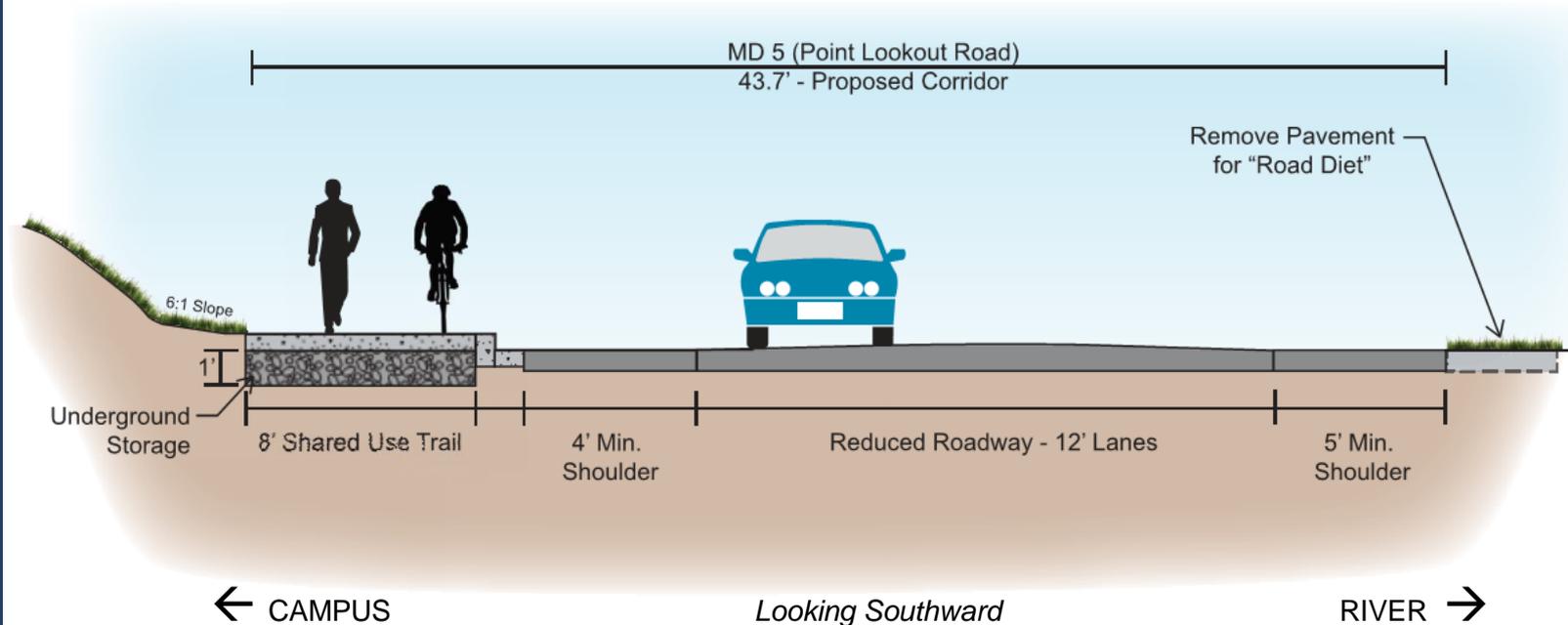


# MD 5 Pedestrian and Bike Path

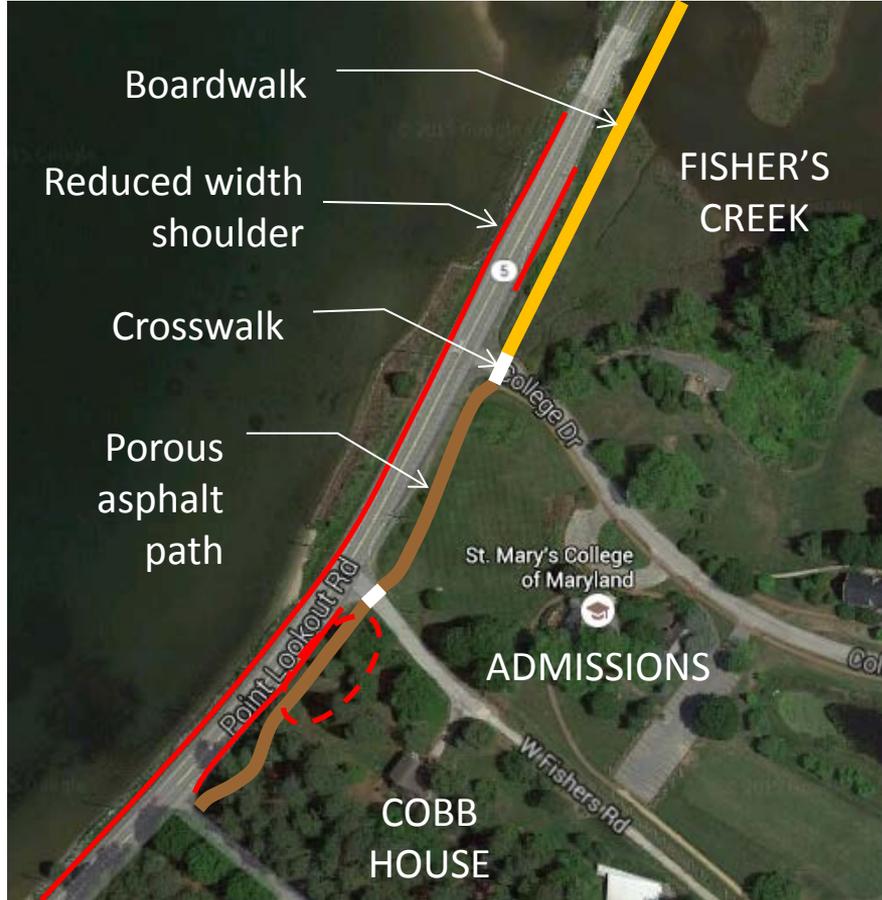
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## Proposed Typical Section St. John's Pond to Yaocomaco Drive



# Center Section: Yaocomaco Drive to Boardwalk



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Design  
Advisory  
Presentation

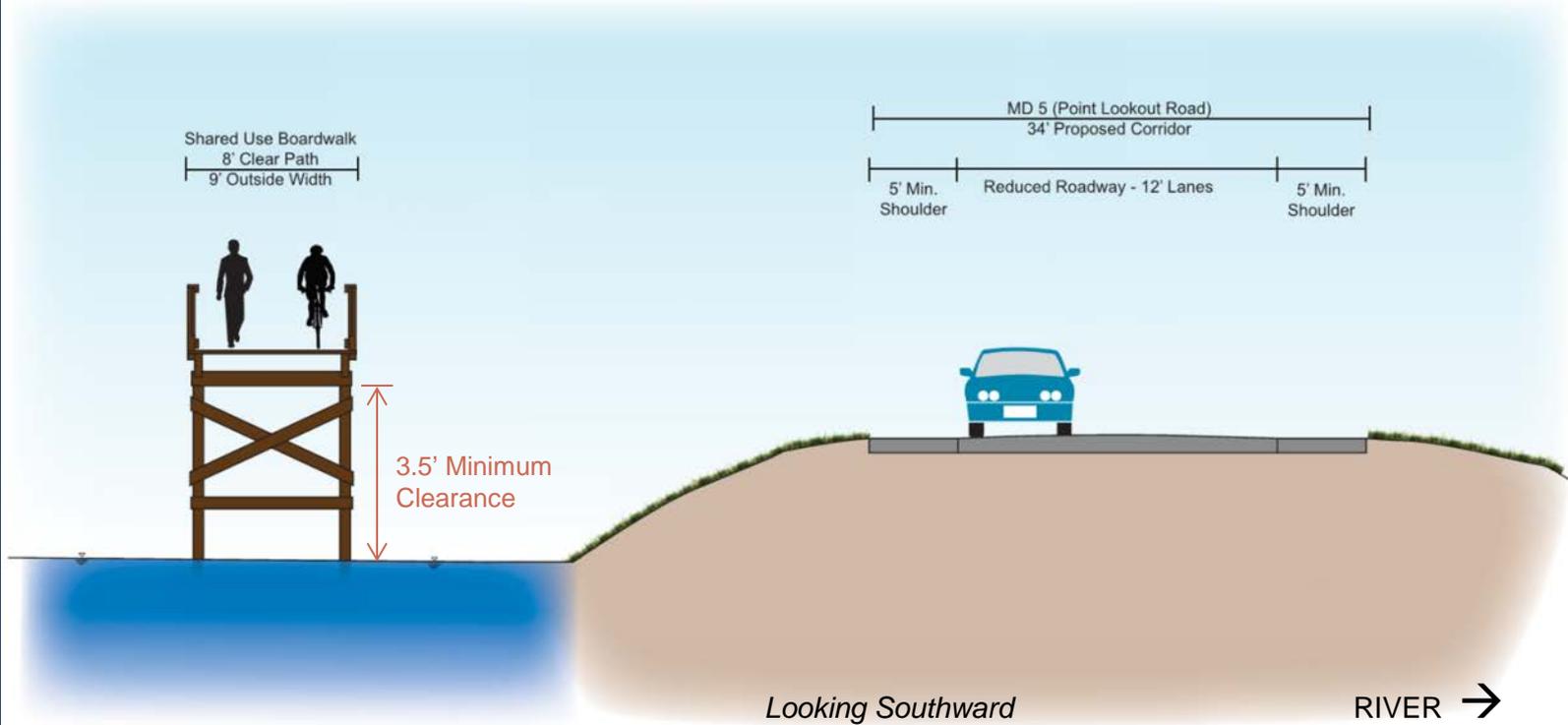
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# MD 5 Pedestrian and Bike Path

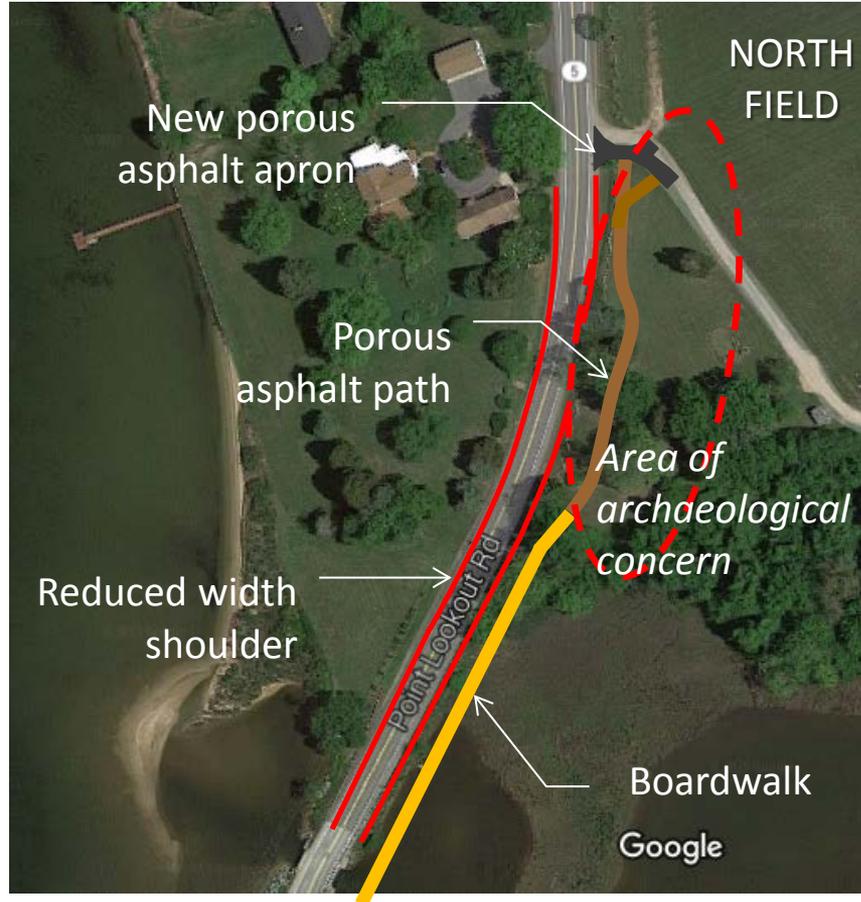
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## Proposed Typical Section Boardwalk at Fisher's Creek



# Northern Section: Boardwalk to North Field

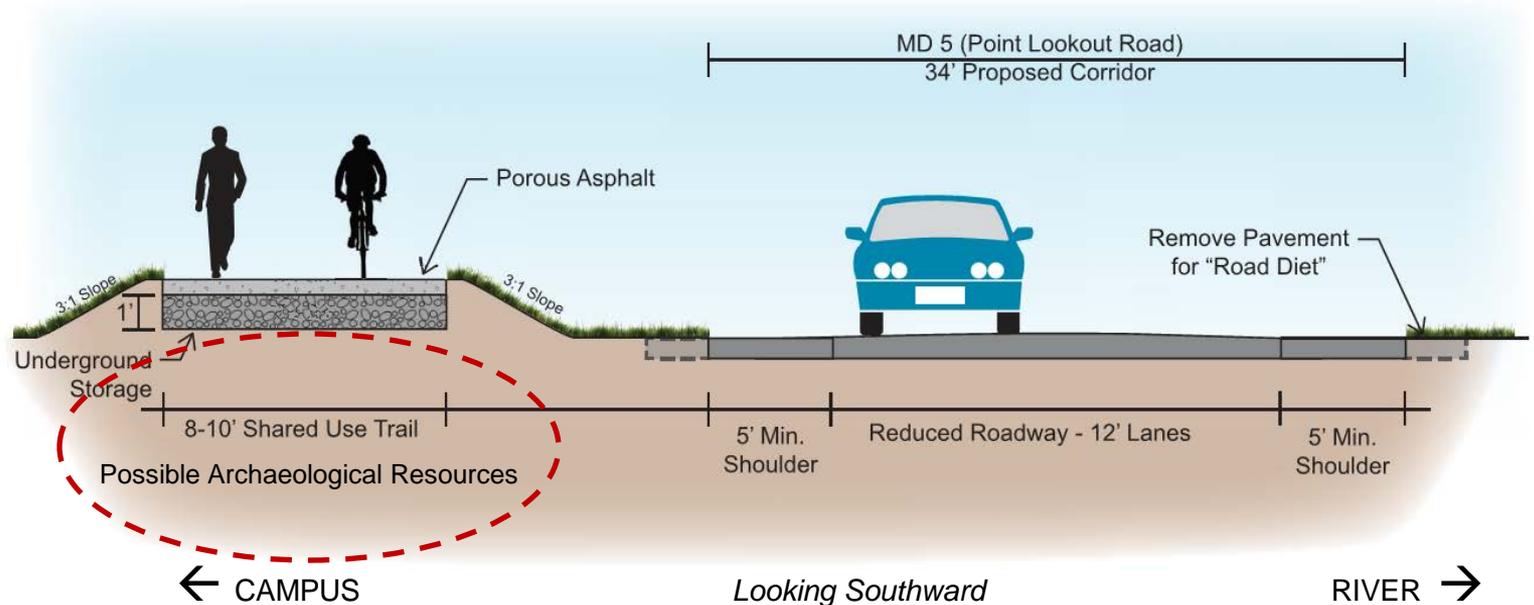


# MD 5 Pedestrian and Bike Path

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## Proposed Typical Section Near Areas of Archaeological Concern



MD 5  
Pedestrian  
and Bike  
Path

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Schedule:

- Currently: final design and permitting
- Construction: Spring-Summer 2017

Cost:

\$1,741,000 Federal Grant

\$ 435,000 State Funds

\$2,126,000 Total

# New Academic Building & Auditorium New Varsity Fields & Stadium

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# Rationale

- Lack of laboratories for STEM programs (26% deficit)
- Inadequate facilities for Fine and Performing Arts
- Insufficient Study Space (20% deficit)
- No large assembly/performance venue  
(45% space deficit = 712 seats)



# New Academic Building

- Education Studies
  - More space for M.Ed. Program
  - Labs for STEM in Goodpaster Hall
  
- Learning Commons
  - Modern Collaborative Study Space
  - Technology and Media Enhanced Project Space
  
- Music Academic Program
  - Adequate rehearsal space
  - Acoustic improvements



New  
Academic  
Building &  
Auditorium

Capital  
Design  
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# 700-seat Auditorium

## ■ Cultural Impact



- Lunch-time concert series
- High school graduations
- Twain Lecture Series
- Bradlee Lecture Series
- Reeves Lecture Series
- Arts Alliance events
- Visiting artists performances
- TFMS Film Festival
- Natural Science and Mathematics Colloquium
- Center for the Study of Democracy Lectures
- College Open Houses
- Messiah Concert

# 700-seat Auditorium

- Economic Impact (Conferences and Hospitality)
  - Navy Alliance
  - Patuxent Partnership
  - Corporate and Government Events
  - High School use



**New  
Academic  
Building &  
Auditorium**

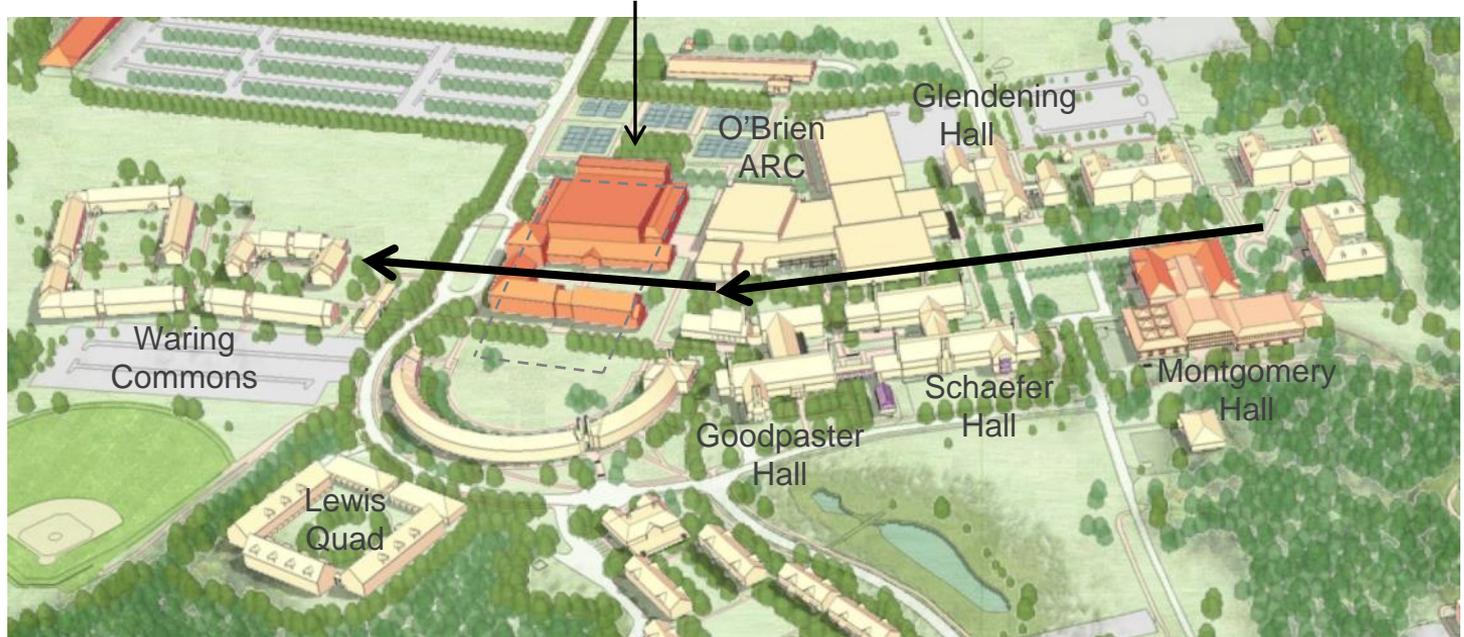
**Varsity  
Fields &  
Stadium**

Capital  
Design  
Advisory  
Presentation

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# Site Plan

## New Academic Building & Auditorium



- Strengthens and extends the Academic core; links to Waring Commons

## New Academic Building & Auditorium

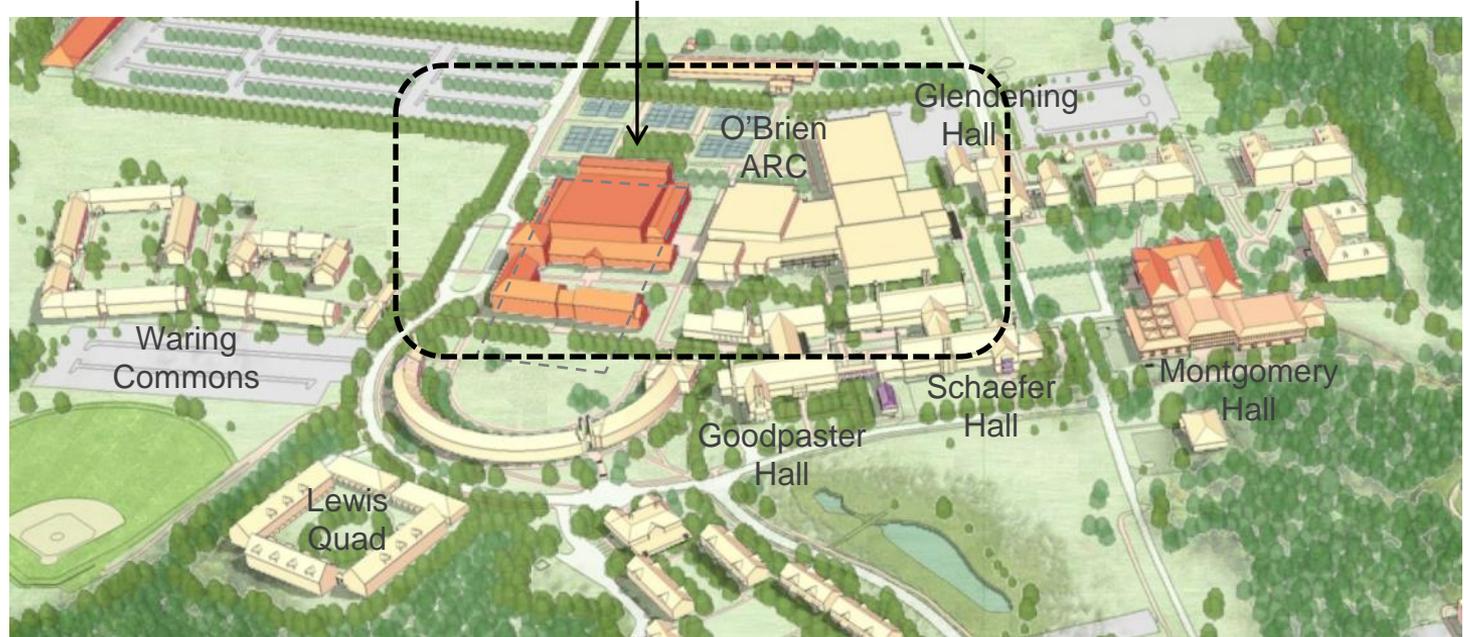
## Varsity Fields & Stadium

Capital  
Design  
Advisory  
Presentation

March 30, 2016

# Site Plan

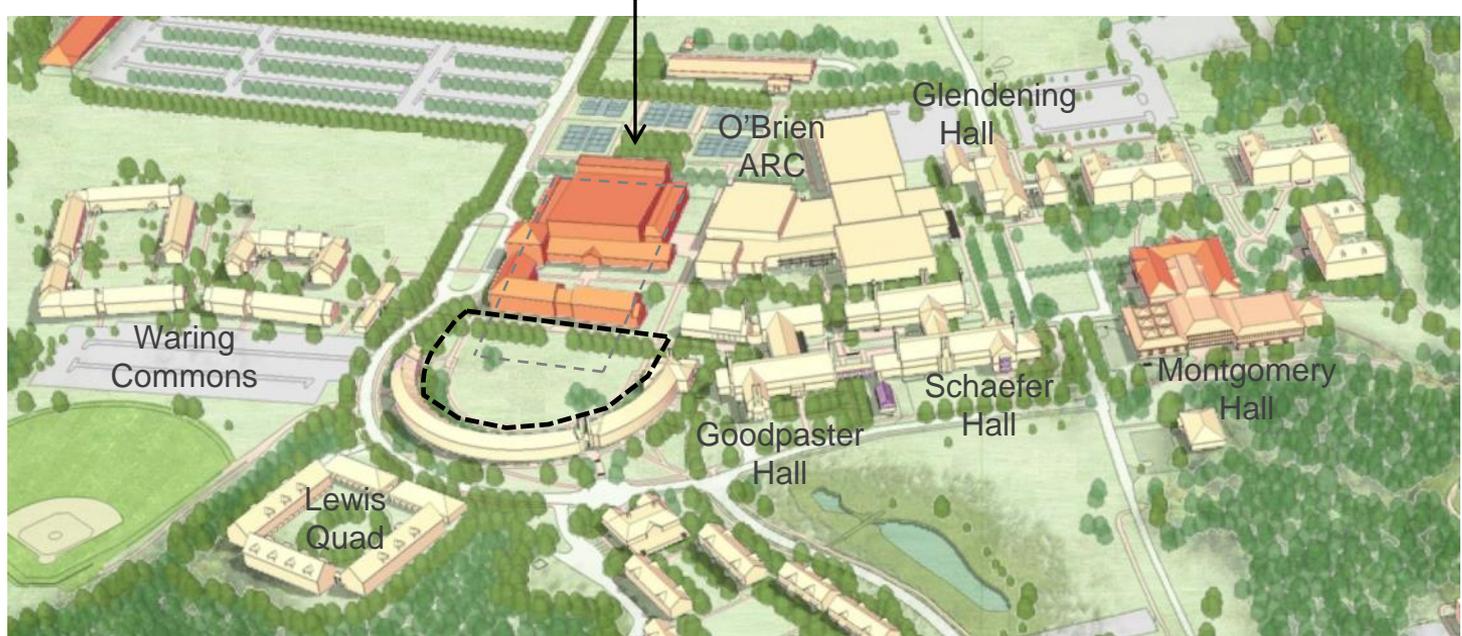
## New Academic Building & Auditorium



- Strengthens and extends the Academic core; links to Waring Commons
- Locates Auditorium's bulk near O'Brien ARC and close to parking

# Site Plan

## New Academic Building & Auditorium



**New  
Academic  
Building &  
Auditorium**

**Varsity  
Fields &  
Stadium**

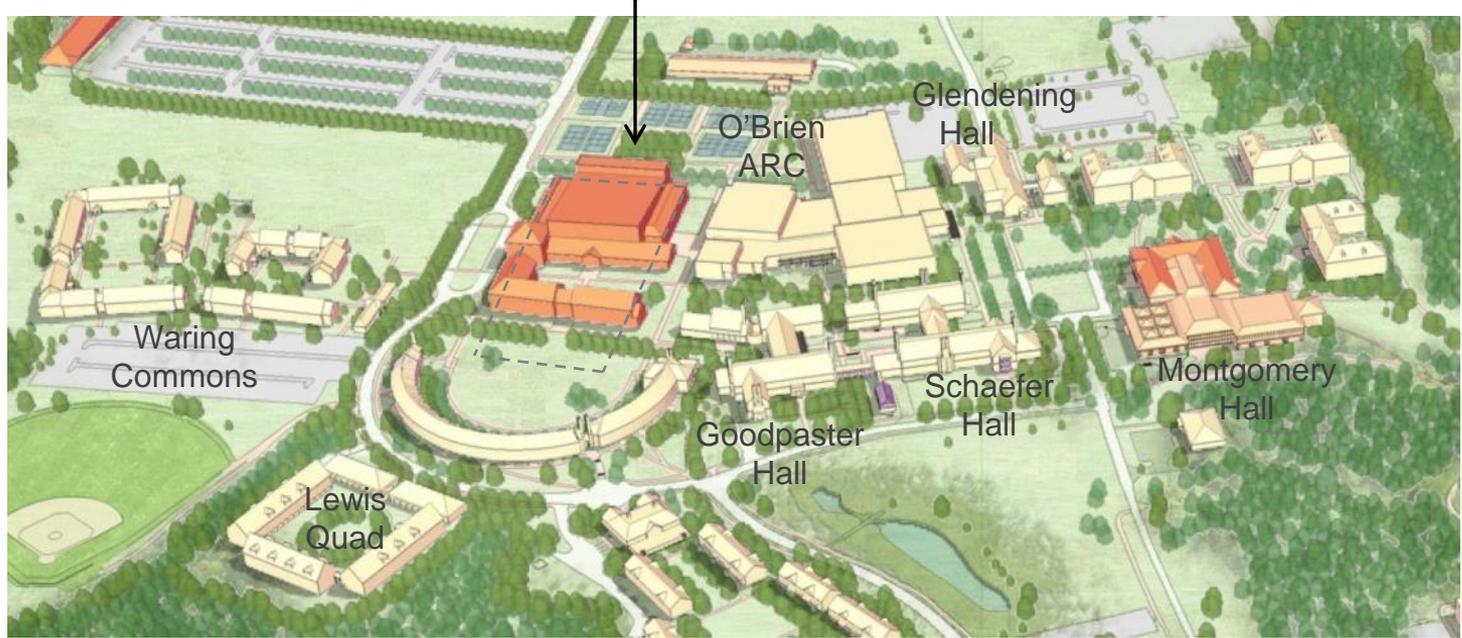
Capital  
Design  
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Presentation

March 30, 2016

- Strengthens and extends the Academic core; links to Waring Commons
- Locates Auditorium's bulk near O'Brien ARC and close to parking
- Creates an outdoor space framed by the Crescent townhouses

# Site Plan

## New Academic Building & Auditorium



**New  
Academic  
Building &  
Auditorium**

**Varsity  
Fields &  
Stadium**

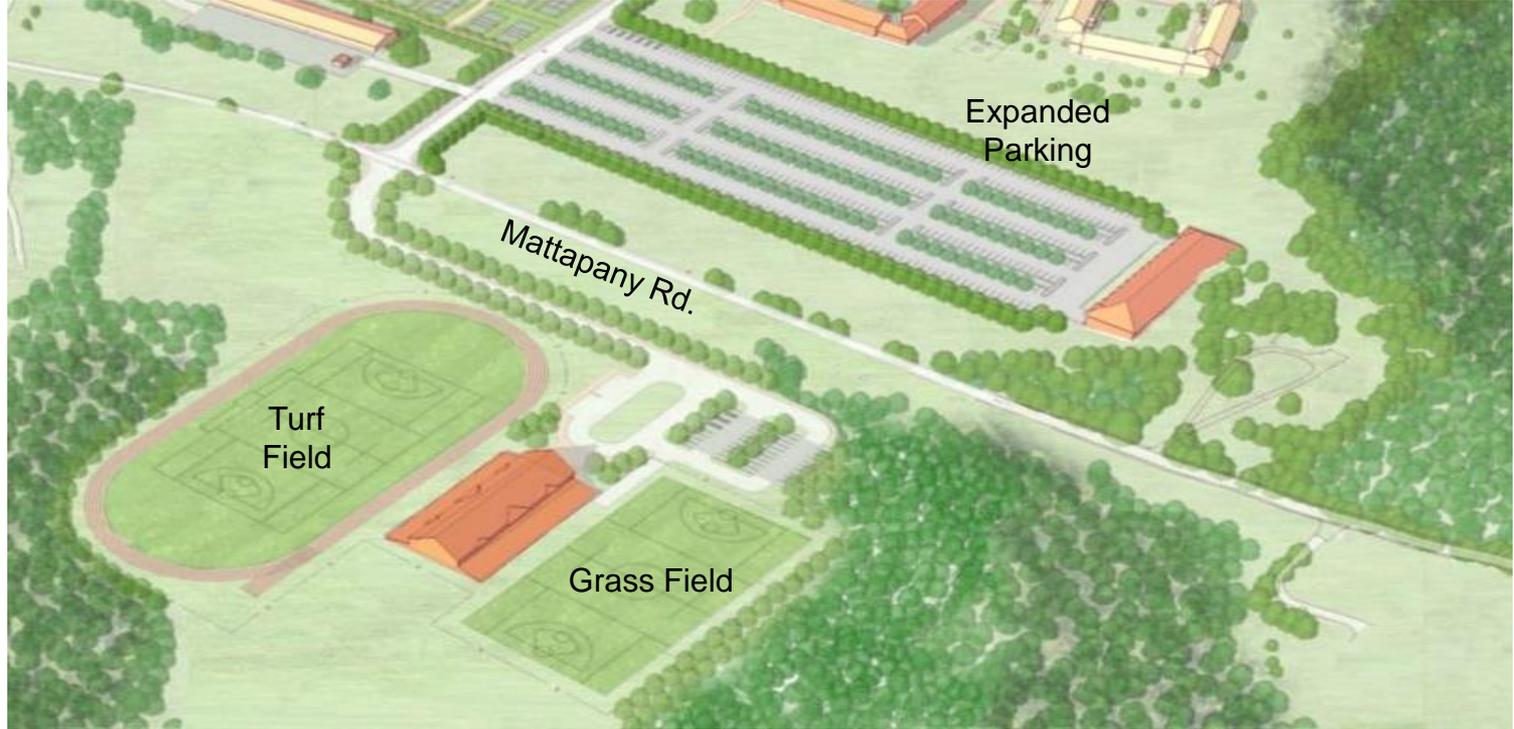
Capital  
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- Strengthens and extends the Academic core; links to Waring Commons
- Locates Auditorium's bulk near O'Brien ARC and close to parking
- Creates an outdoor space framed by the Crescent townhouses
- **Least costly Master Plan option**

# Site Plan

## New Varsity Fields & Stadium



**New  
Academic  
Building &  
Auditorium**

**Varsity  
Fields &  
Stadium**

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# Concept view

## New Varsity Fields & Stadium



## New Varsity Fields & Stadium

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Design  
Advisory  
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**New  
Academic  
Building &  
Auditorium**

**Varsity  
Fields &  
Stadium**

Capital  
Design  
Advisory  
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March 30, 2016

# **New Varsity Fields & Stadium**

## Schedule:

Archaeology: Summer 2016

Design: Winter 2017

Construction: Summer 2018 to Summer 2019

# **New Academic Building & Auditorium**

## Schedule:

Design: Winter 2017 - Spring 2018

Construction: Summer 2019 - Winter 2021

New  
Academic  
Building &  
Auditorium

Varsity  
Fields &  
Stadium

Capital  
Design  
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# New Academic Building and Auditorium New Varsity Fields & Stadium

## Cost:

\$ 73.5million State Capital Funds

\$ 2.5million From non-state sources

\$ 76 million

# New Campus Entrance Sign

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# Campus Entry Sign

Capital  
Design  
Advisory  
Presentation

March 30, 2016



# Campus Entry Sign

Capital  
Design  
Advisory  
Presentation

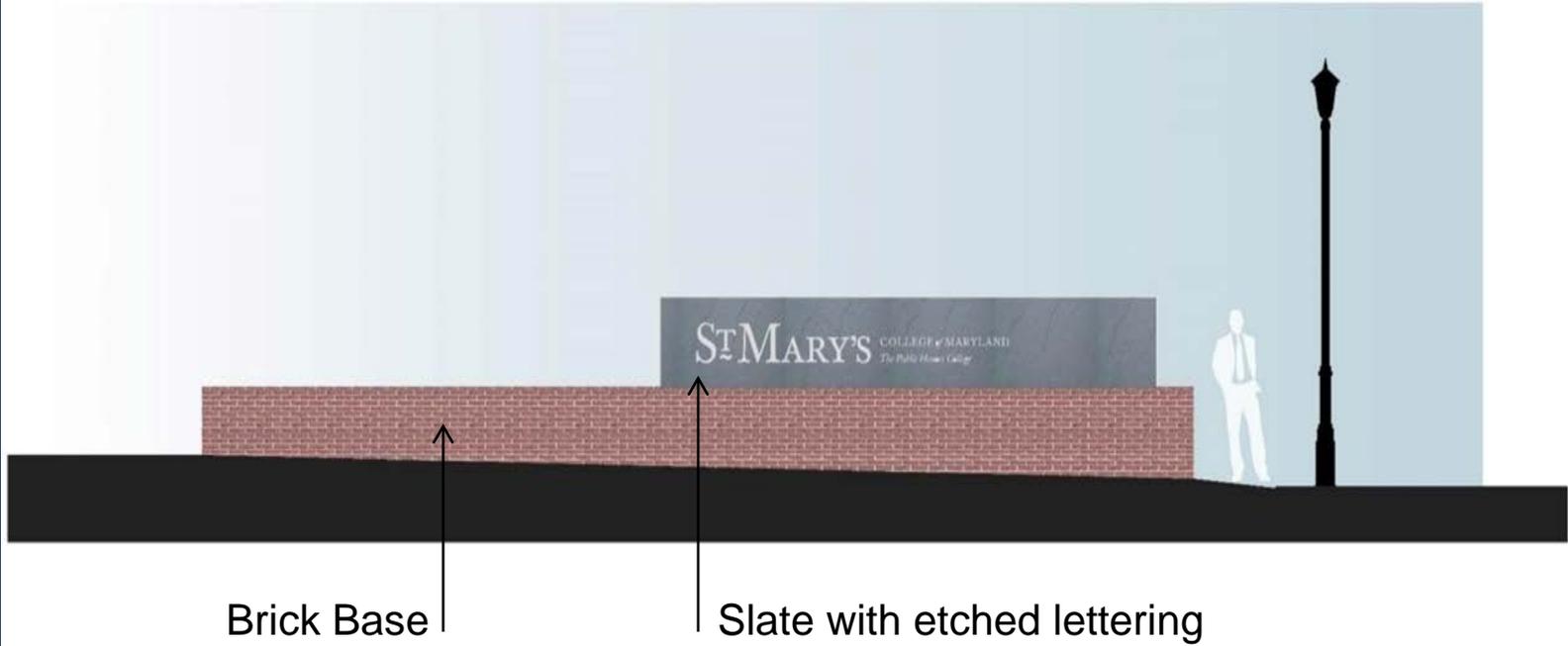
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# Campus Entry Sign

Capital  
Design  
Advisory  
Presentation

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**Campus  
Entry  
Sign**

# **New Campus Entrance Sign**

Schedule:

Design: Summer 2016

Installation: Early Spring 2017

Capital  
Design  
Advisory  
Presentation

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# New Sidewalk for Trinity Church Road

Capital  
Design  
Advisory  
Presentation

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# Trinity Church Road Sidewalk

Capital  
Design  
Advisory  
Presentation

March 30, 2016



Trinity  
Church  
Road  
Sidewalk

Capital  
Design  
Advisory  
Presentation

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# New Sidewalk for Trinity Church Road

## Schedule:

Design: Fall 2016

Construction: Summer 2017

## Cost:

\$ 229,000 State Capital Budget FY17

# Solar Projects on Campus

Capital  
Design  
Advisory  
Presentation

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## Solar Projects

Capital  
Design  
Advisory  
Presentation

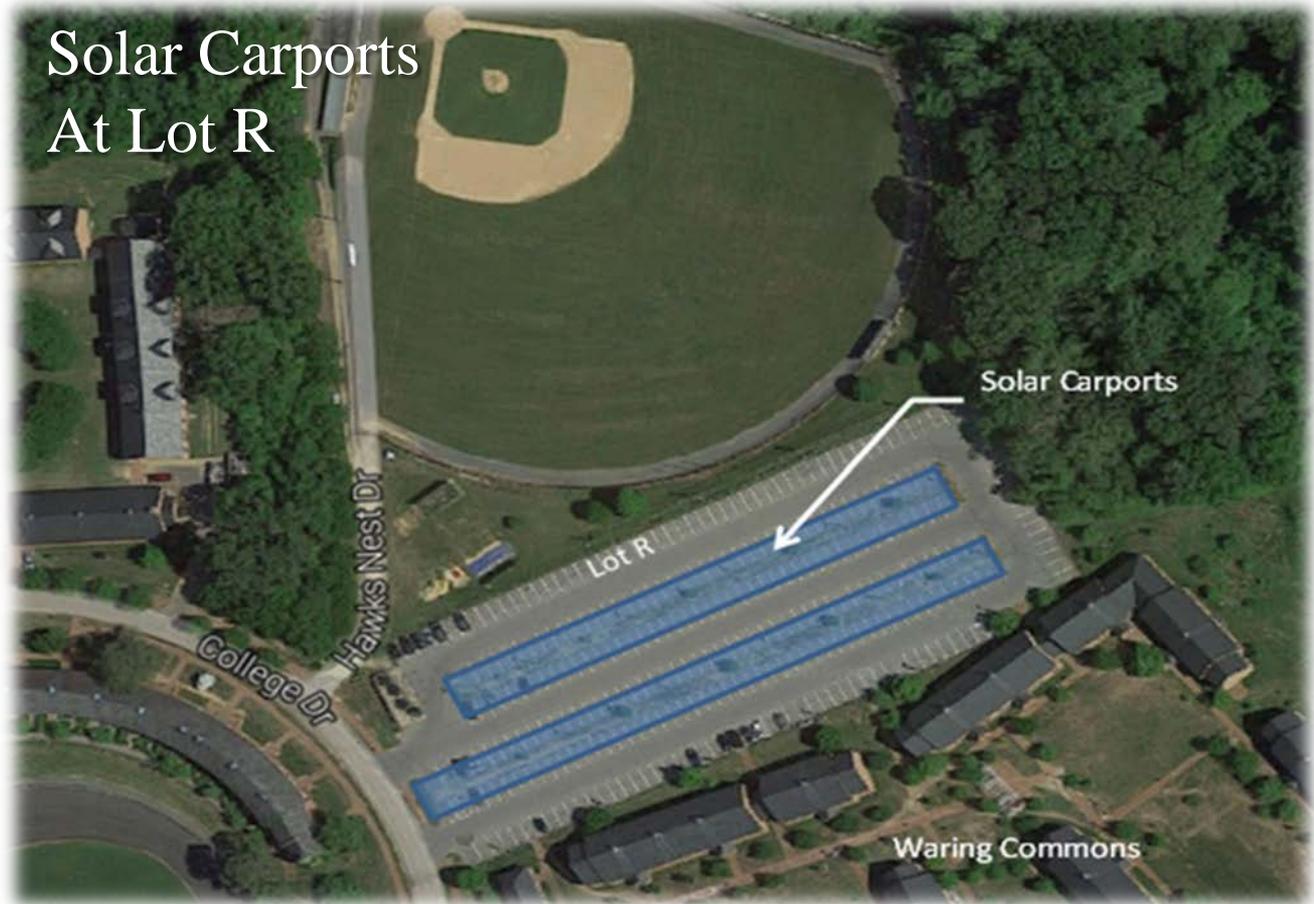
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## Solar Projects

Capital  
Design  
Advisory  
Presentation

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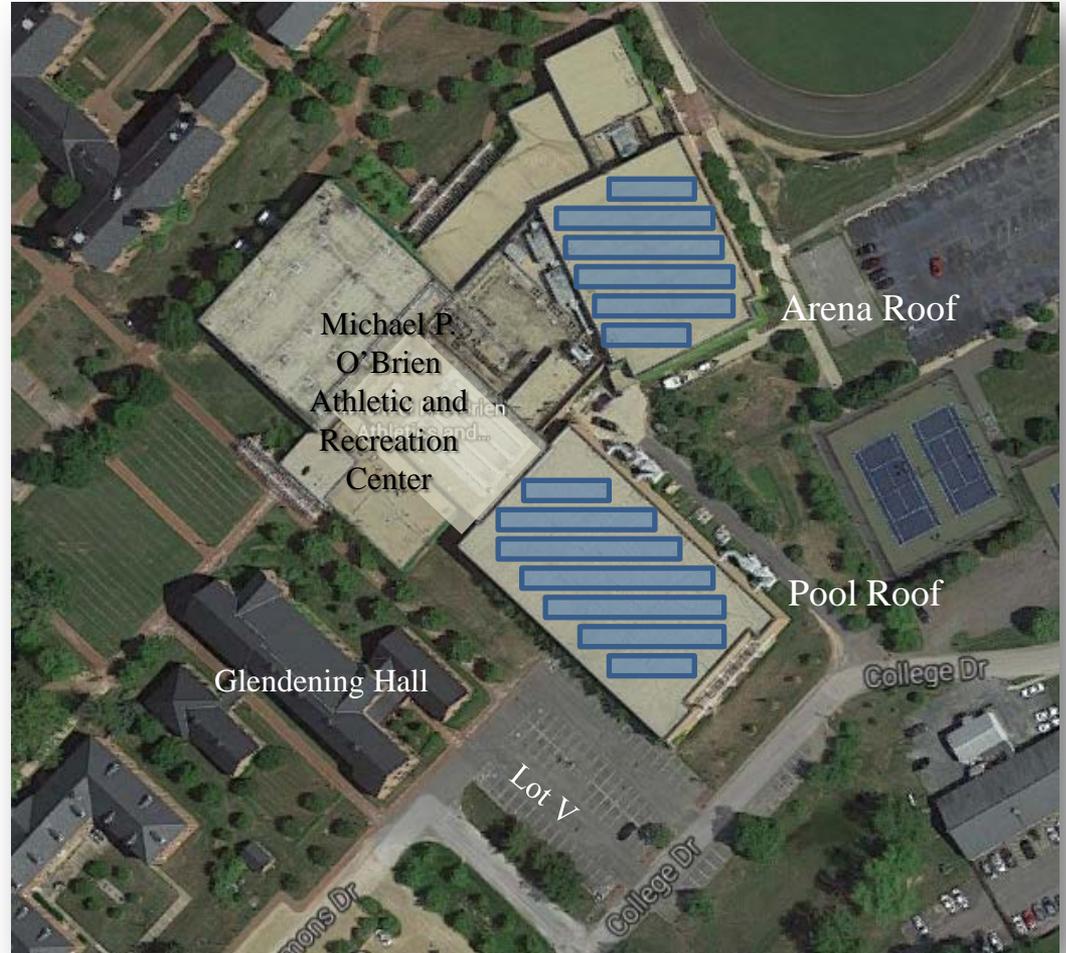


## Solar Projects

# Rooftop Solar Panels at the O'Brien ARC

Capital  
Design  
Advisory  
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# College Solar Projects

## Schedule:

Design: Summer 2016

Construction: Fall 2017 - Winter 2017

## Costs:

Power Purchase Agreement will fund the installation of the equipment.

MEA grant funds four (4) EV charging stations.

Decision to be based on financial evaluation.

## Solar Projects

Capital  
Design  
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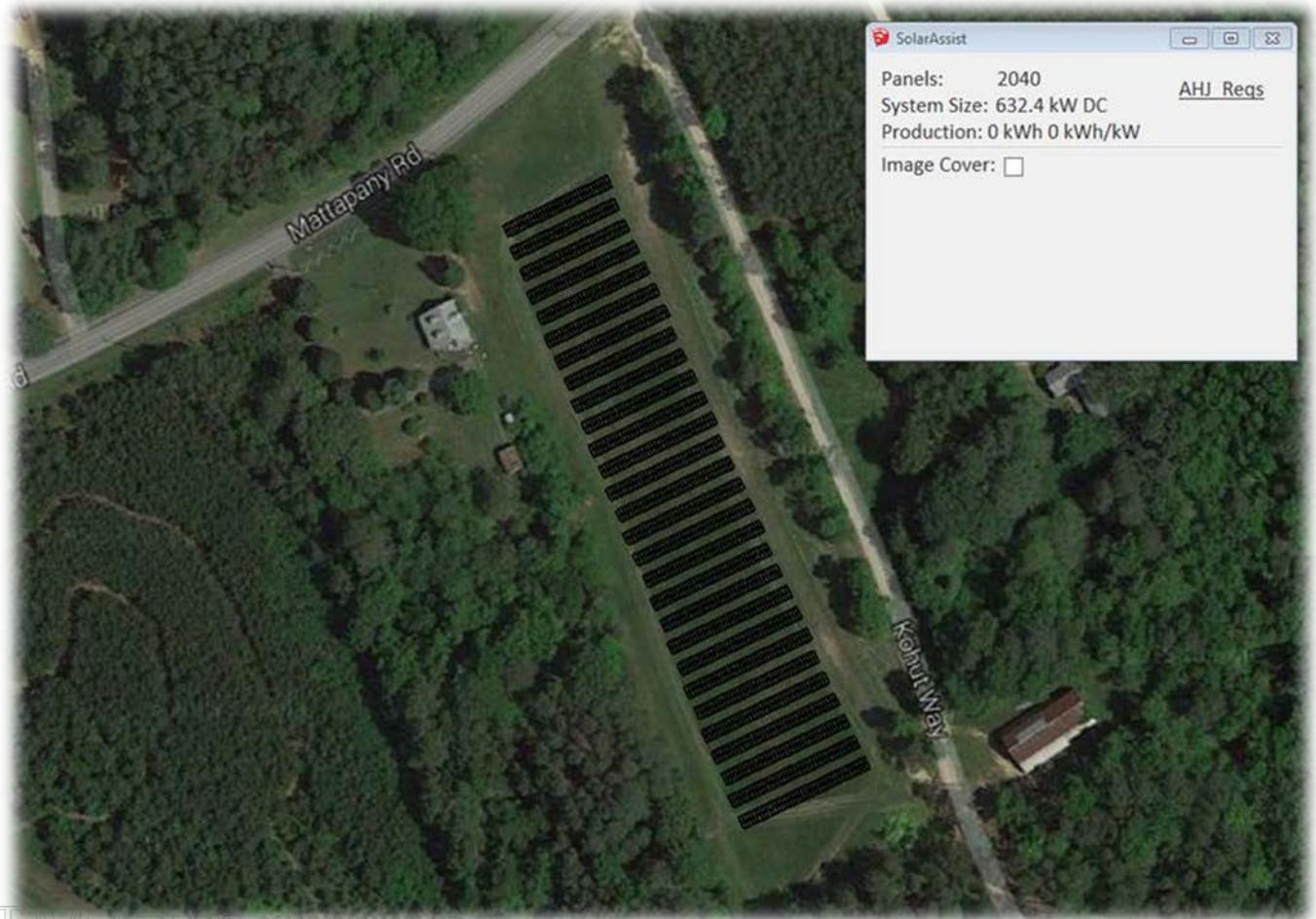
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# HSMC Solar Arrays

# Solar Projects

Capital  
Design  
Advisory  
Presentation

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Capital  
Design  
Advisory  
Presentation

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